

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031323\
 Data File : VX034426.D
 Acq On : 13 Mar 2023 12:40
 Operator : JC/MD
 Sample : VX0313WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/14/2023
 Supervised By : Mahesh Dadoda 03/15/2023

Quant Time: Mar 14 02:23:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	287809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	471718	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	426509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	215634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	185840	44.385	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.760%		
35) Dibromofluoromethane	5.385	113	147817	47.461	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.920%		
50) Toluene-d8	8.647	98	551746	47.455	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.920%		
62) 4-Bromofluorobenzene	11.079	95	213264	45.411	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	52219	19.462	ug/l	99
3) Chloromethane	1.307	50	75762	17.795	ug/l	99
4) Vinyl Chloride	1.374	62	67319	18.426	ug/l	99
5) Bromomethane	1.605	94	45305	24.578	ug/l	98
6) Chloroethane	1.685	64	42411	20.162	ug/l	96
7) Trichlorofluoromethane	1.886	101	109997	20.037	ug/l	97
8) Diethyl Ether	2.130	74	39809	19.865	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	62925	19.669	ug/l	98
10) Methyl Iodide	2.453	142	80698	19.213	ug/l	98
11) Tert butyl alcohol	2.953	59	88314	101.287	ug/l	99
12) 1,1-Dichloroethene	2.319	96	60692	19.263	ug/l	96
13) Acrolein	2.233	56	77325	112.102	ug/l	99
14) Allyl chloride	2.660	41	120695	18.895	ug/l	99
15) Acrylonitrile	3.056	53	197985	105.115	ug/l	99
16) Acetone	2.374	43	191725	97.209	ug/l	99
17) Carbon Disulfide	2.508	76	161047	18.163	ug/l	100
18) Methyl Acetate	2.703	43	131390	20.388	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	225673	20.004	ug/l	99
20) Methylene Chloride	2.788	84	72297	18.887	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	66669	19.924	ug/l	98
22) Diisopropyl ether	3.757	45	246096	20.207	ug/l	97
23) Vinyl Acetate	3.721	43	969615	104.610	ug/l	99
24) 1,1-Dichloroethane	3.605	63	128354	19.606	ug/l	99
25) 2-Butanone	4.550	43	289155	102.461	ug/l	99
26) 2,2-Dichloropropane	4.471	77	109241	19.196	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	78440	19.473	ug/l	99
28) Bromochloromethane	4.898	49	63045	20.711	ug/l	98
29) Tetrahydrofuran	5.001	42	182848	105.001	ug/l	99
30) Chloroform	5.093	83	128747	20.062	ug/l	99
31) Cyclohexane	5.465	56	117965	20.089	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	110812	19.505	ug/l	100
36) 1,1-Dichloropropene	5.690	75	93307	19.505	ug/l	98
37) Ethyl Acetate	4.715	43	107490	20.568	ug/l	99
38) Carbon Tetrachloride	5.678	117	94056	19.764	ug/l	99
39) Methylcyclohexane	7.379	83	116764	20.396	ug/l	95
40) Benzene	6.038	78	281420	20.110	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	61169	21.358	ug/l	98
42) 1,2-Dichloroethane	6.080	62	105068	20.429	ug/l	99
43) Isopropyl Acetate	6.336	43	183826	20.764	ug/l	98
44) Trichloroethene	7.123	130	70741	19.456	ug/l	97
45) 1,2-Dichloropropane	7.428	63	75429	20.643	ug/l	100
46) Dibromomethane	7.580	93	50991	20.527	ug/l	98
47) Bromodichloromethane	7.818	83	98758	20.541	ug/l	97
48) Methyl methacrylate	7.690	41	87557	20.563	ug/l	98
49) 1,4-Dioxane	7.659	88	40649	454.519	ug/l	100
51) 4-Methyl-2-Pentanone	8.568	43	560771	109.187	ug/l	99
52) Toluene	8.720	92	175149	20.216	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	110144	20.335	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	119987	20.476	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	72945	21.215	ug/l	96
56) Ethyl methacrylate	9.116	69	117442	20.803	ug/l	100
57) 1,3-Dichloropropane	9.305	76	129130	21.131	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	328859	113.033	ug/l	99
59) 2-Hexanone	9.427	43	427127	107.586	ug/l	100
60) Dibromochloromethane	9.519	129	74829	20.750	ug/l	99
61) 1,2-Dibromoethane	9.610	107	76322	20.570	ug/l	99
64) Tetrachloroethene	9.275	164	58289	20.345	ug/l	99
65) Chlorobenzene	10.080	112	190500	20.357	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	69625	20.428	ug/l	99
67) Ethyl Benzene	10.195	91	341312	20.373	ug/l	98
68) m/p-Xylenes	10.299	106	265346	41.232	ug/l	99
69) o-Xylene	10.640	106	129285	20.019	ug/l	99
70) Styrene	10.653	104	214553	20.591	ug/l	98
71) Bromoform	10.799	173	53315	20.322	ug/l #	99
73) Isopropylbenzene	10.964	105	342996	20.581	ug/l	99
74) N-amyl acetate	10.842	43	168807	21.147	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	117941	21.207	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	94728m	19.132	ug/l	
77) Bromobenzene	11.195	156	80478	20.127	ug/l	99
78) n-propylbenzene	11.305	91	406962	21.144	ug/l	99
79) 2-Chlorotoluene	11.366	91	242443	20.395	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	289316	20.697	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	36041	19.693	ug/l	98
82) 4-Chlorotoluene	11.451	91	278370	20.331	ug/l	98
83) tert-Butylbenzene	11.713	119	287130	20.372	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	291432	20.399	ug/l	99
85) sec-Butylbenzene	11.890	105	360276	20.909	ug/l	99
86) p-Isopropyltoluene	12.006	119	298783	20.632	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	159775	20.394	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	157385	19.867	ug/l	100
89) n-Butylbenzene	12.335	91	268950	20.891	ug/l	99
90) Hexachloroethane	12.536	117	55941	20.877	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	154838	20.451	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25438	20.132	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	98397	20.782	ug/l	100
94) Hexachlorobutadiene	13.725	225	40034	20.988	ug/l	99
95) Naphthalene	13.774	128	334364	21.060	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	98871	21.363	ug/l	98

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ClientSampleId :
VX0313WBSD01

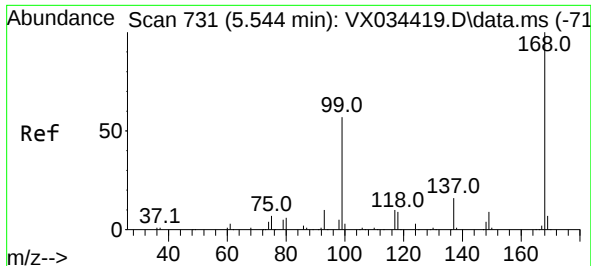
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

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Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

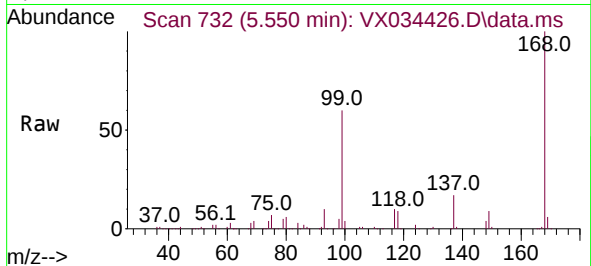
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034426.D
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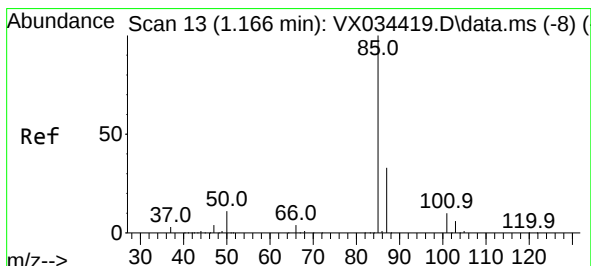
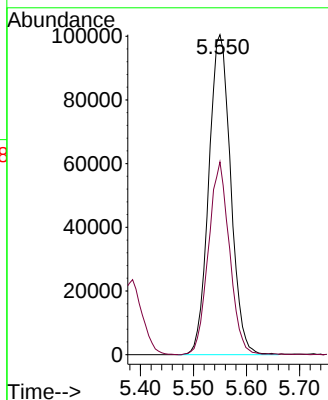
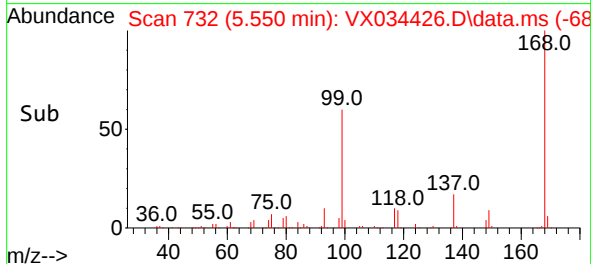
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01



Tgt Ion:168 Resp: 287809
Ion Ratio Lower Upper
168 100
99 60.2 45.7 68.5

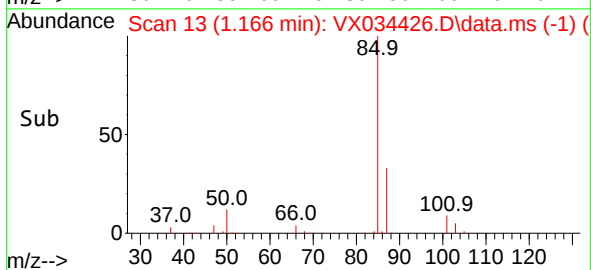
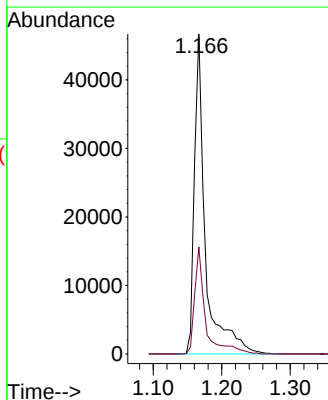
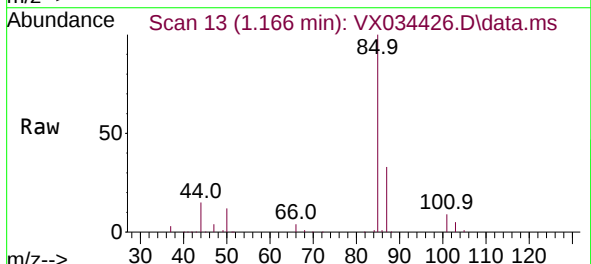
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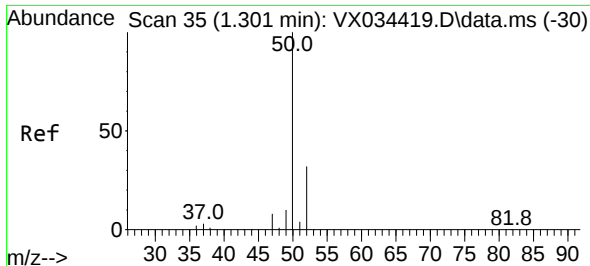
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#2
Dichlorodifluoromethane
Concen: 19.462 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

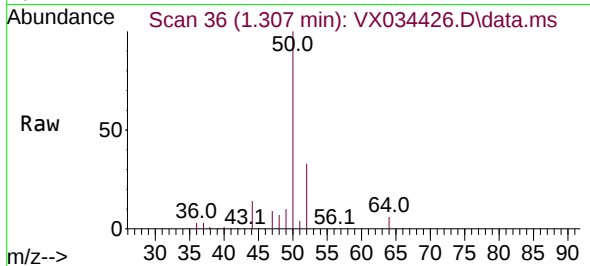
Tgt Ion: 85 Resp: 52219
Ion Ratio Lower Upper
85 100
87 33.5 16.4 49.1





#3
Chloromethane
Concen: 17.795 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

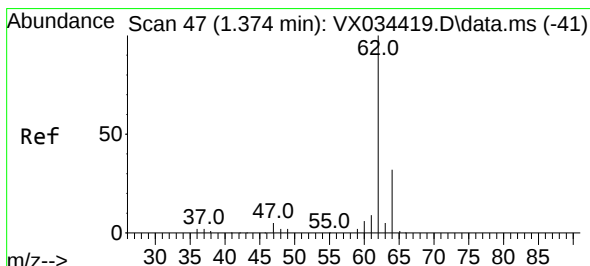
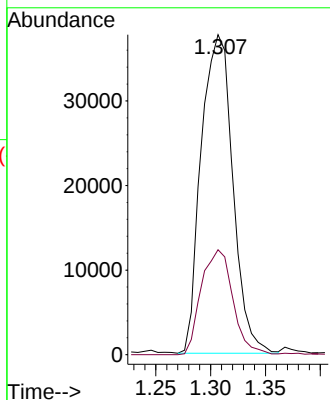
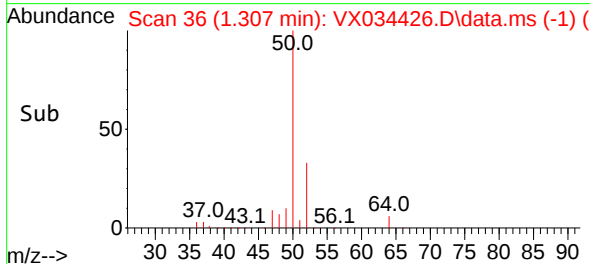
Instrument :
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ClientSampleId :
VX0313WBSD01



Tgt Ion: 50 Resp: 75762
Ion Ratio Lower Upper
50 100
52 33.0 25.9 38.9

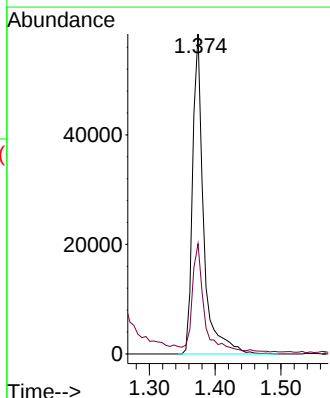
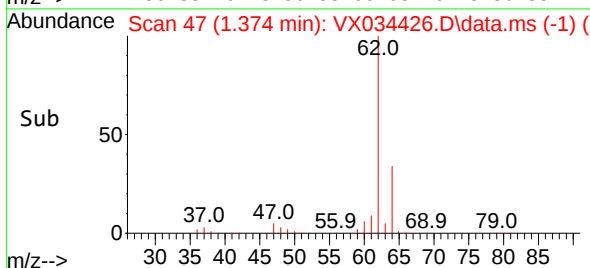
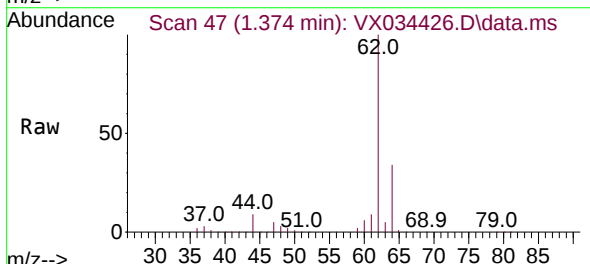
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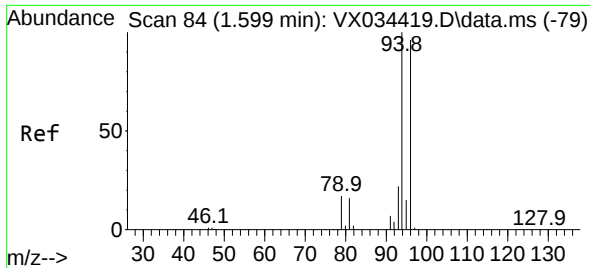
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#4
Vinyl Chloride
Concen: 18.426 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

Tgt Ion: 62 Resp: 67319
Ion Ratio Lower Upper
62 100
64 33.8 26.4 39.6





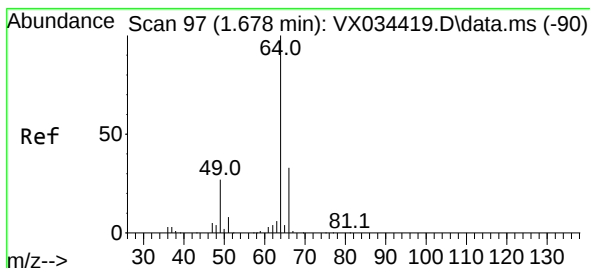
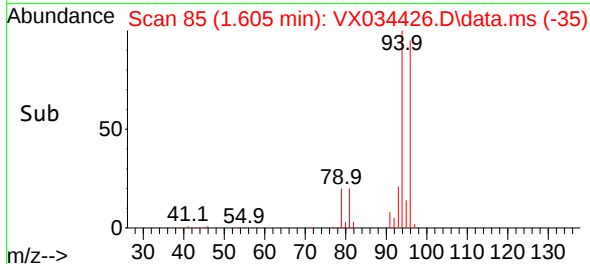
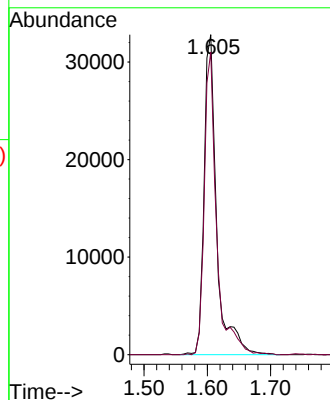
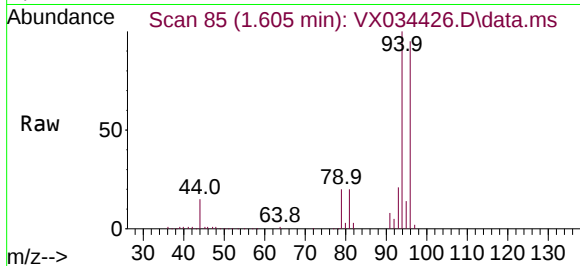
#5
Bromomethane
Concen: 24.578 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

Instrument :
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Tgt Ion: 94 Resp: 4530
Ion Ratio Lower Upper
94 100
96 94.6 77.0 115.6

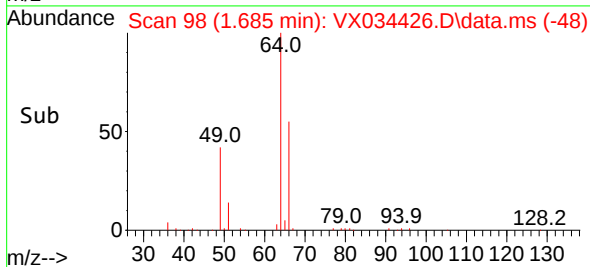
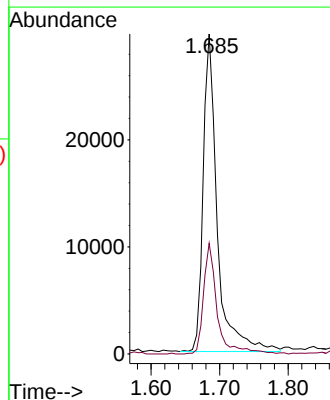
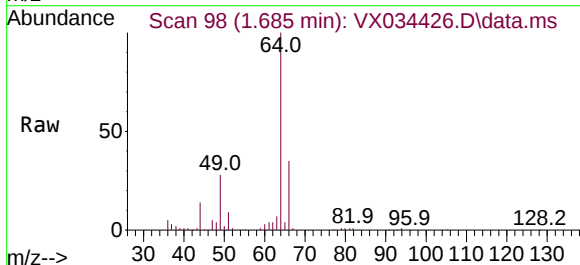
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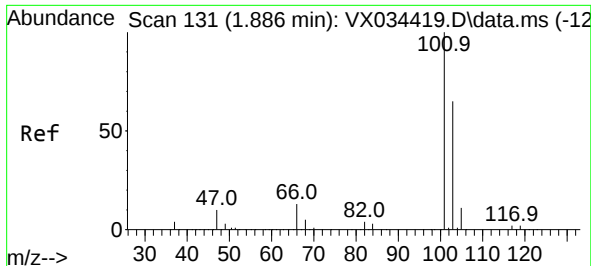
Reviewed By :John Carlone 03/14/2023
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#6
Chloroethane
Concen: 20.162 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

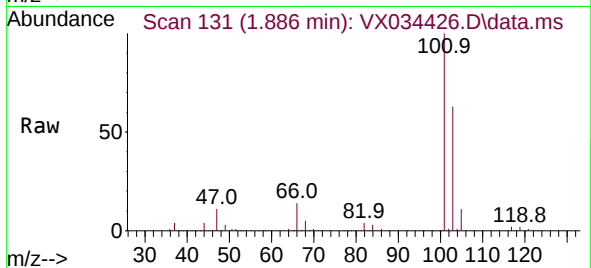
Tgt Ion: 64 Resp: 42411
Ion Ratio Lower Upper
64 100
66 34.9 26.2 39.4





#7
Trichlorofluoromethane
Concen: 20.037 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

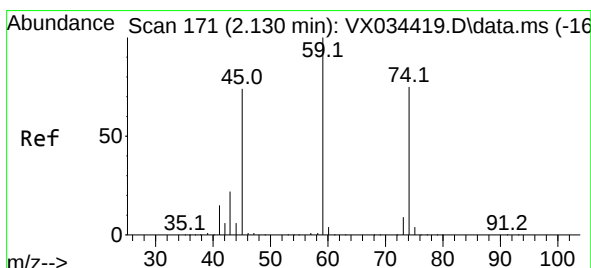
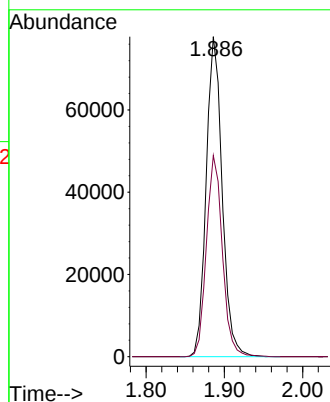
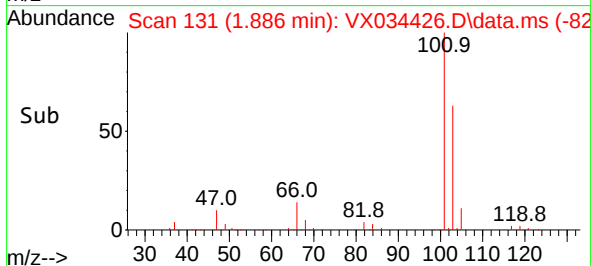
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01



Tgt Ion:101 Resp: 10999
Ion Ratio Lower Upper
101 100
103 62.9 52.0 78.0

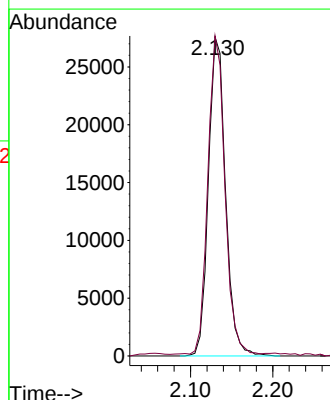
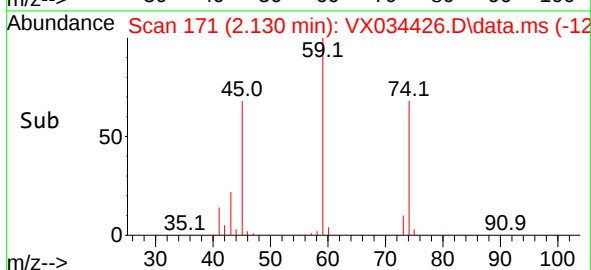
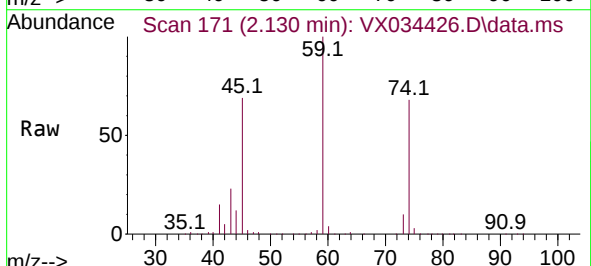
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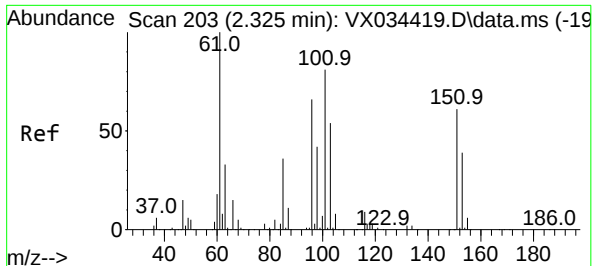
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#8
Diethyl Ether
Concen: 19.865 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

Tgt Ion: 74 Resp: 39809
Ion Ratio Lower Upper
74 100
45 99.5 49.8 149.3





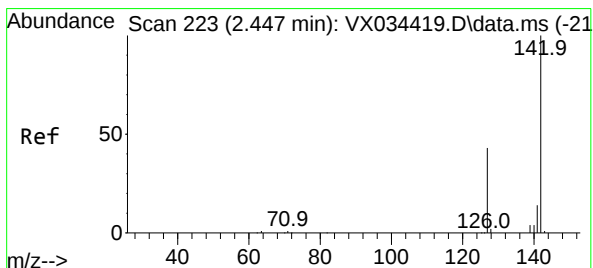
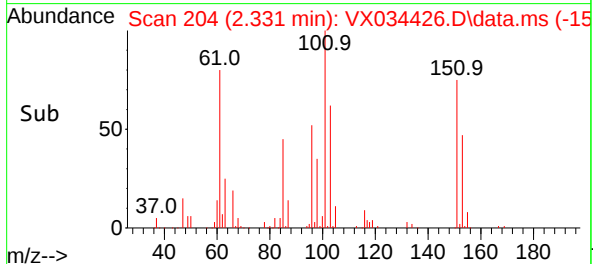
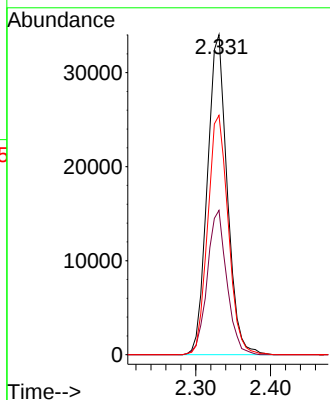
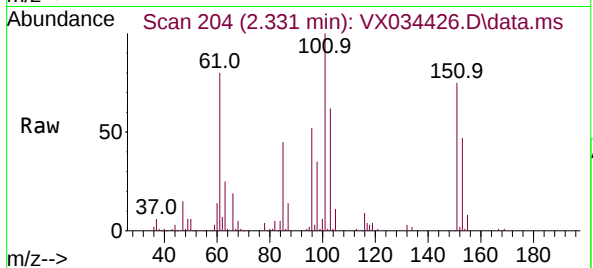
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.669 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

Tgt Ion:101 Resp: 62925
Ion Ratio Lower Upper
101 100
85 44.6 35.4 53.2
151 77.3 60.2 90.4

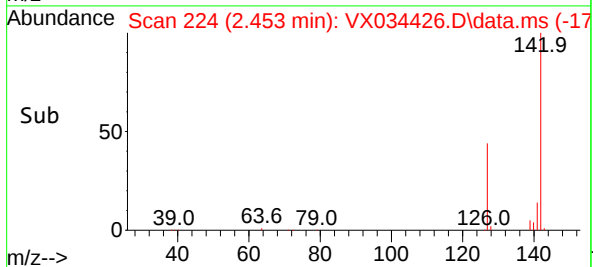
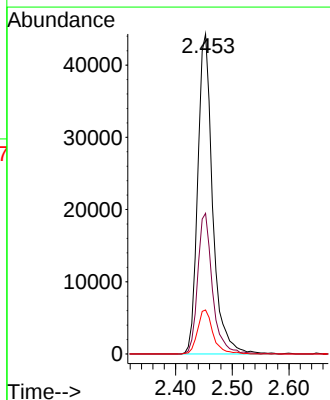
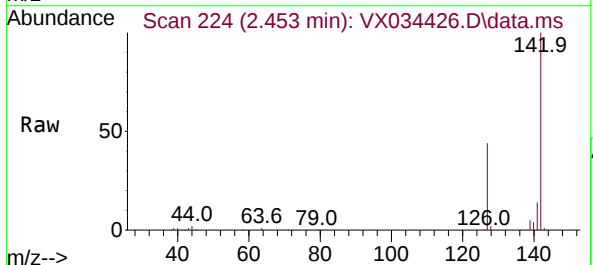
Manual Integrations
APPROVED

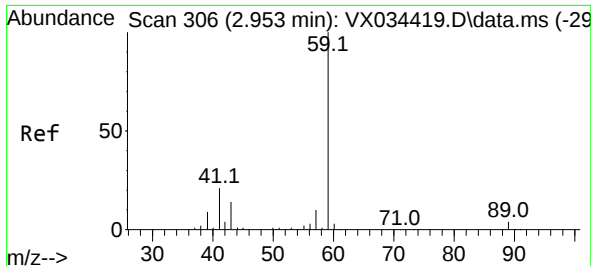
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#10
Methyl Iodide
Concen: 19.213 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

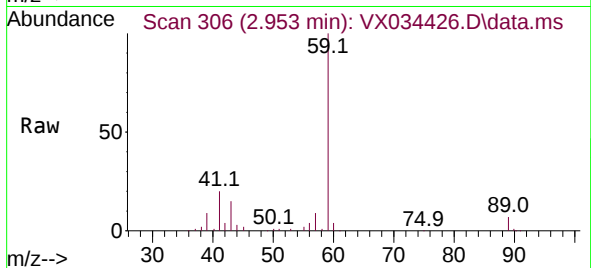
Tgt Ion:142 Resp: 80698
Ion Ratio Lower Upper
142 100
127 43.6 34.0 51.0
141 14.3 11.1 16.7





#11
Tert butyl alcohol
Concen: 101.287 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

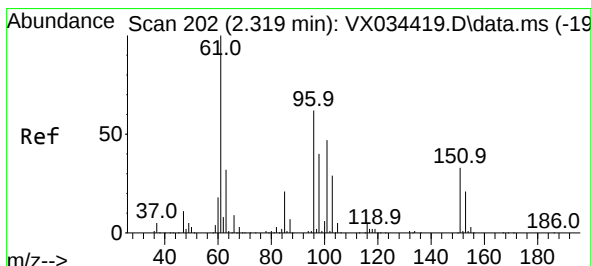
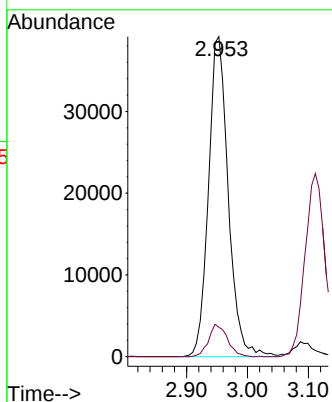
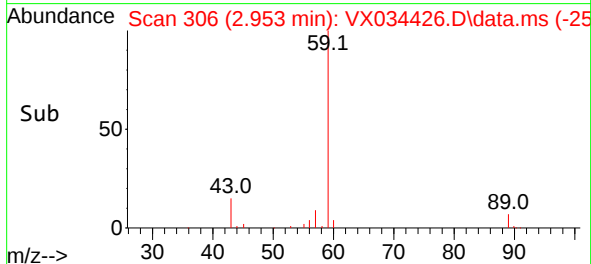
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01



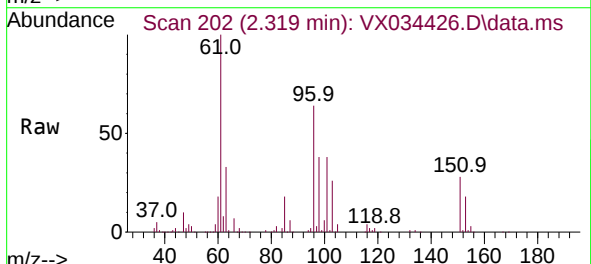
Tgt Ion: 59 Resp: 88314
Ion Ratio Lower Upper
59 100
57 9.6 8.1 12.1

Manual Integrations
APPROVED

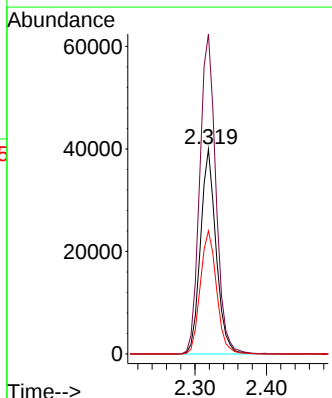
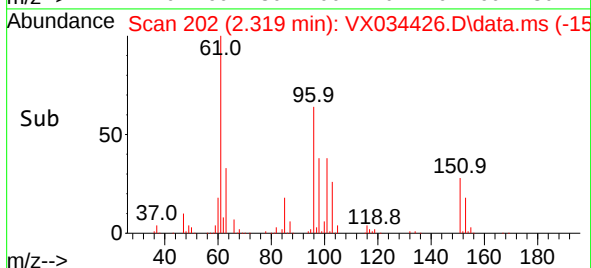
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

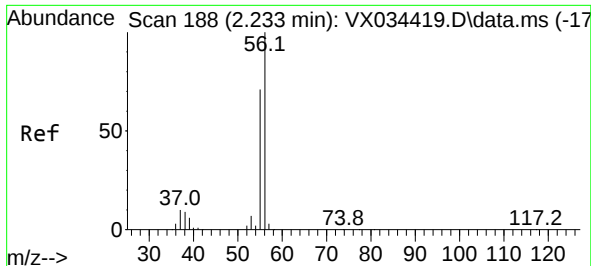


#12
1,1-Dichloroethene
Concen: 19.263 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40



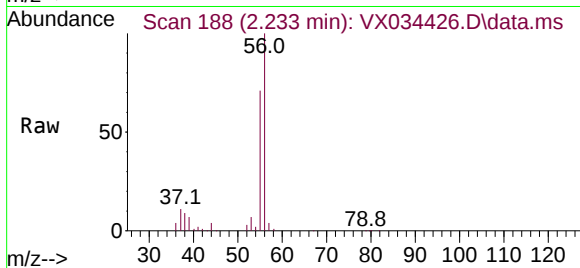
Tgt Ion: 96 Resp: 60692
Ion Ratio Lower Upper
96 100
61 156.3 128.8 193.2
98 60.1 51.4 77.0





#13
Acrolein
Concen: 112.102 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

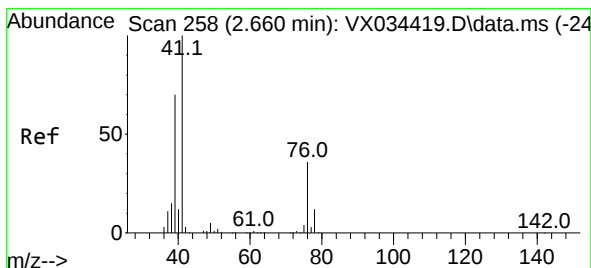
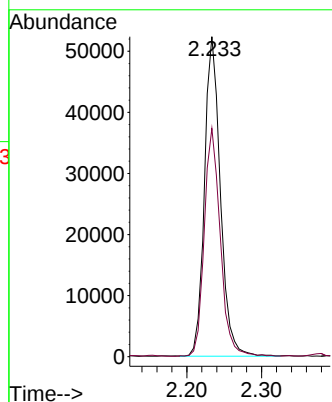
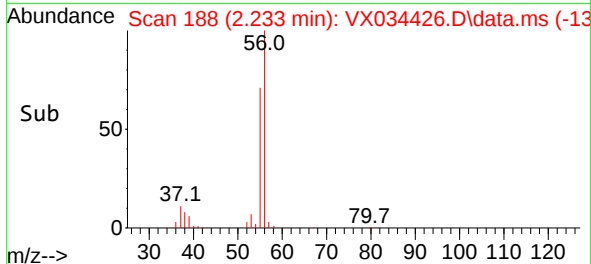
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01



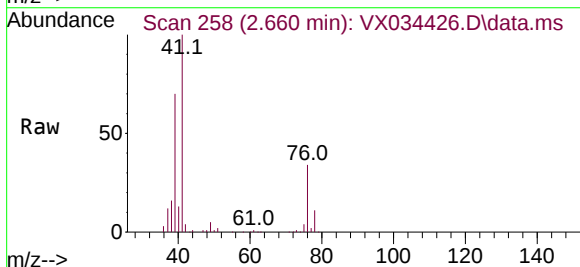
Tgt Ion: 56 Resp: 77325
Ion Ratio Lower Upper
56 100
55 71.9 56.6 85.0

Manual Integrations
APPROVED

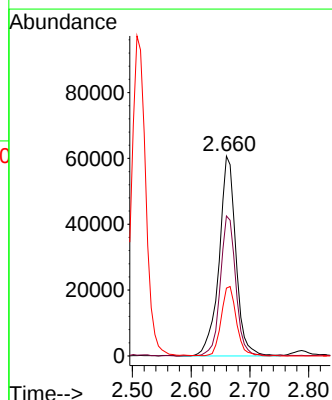
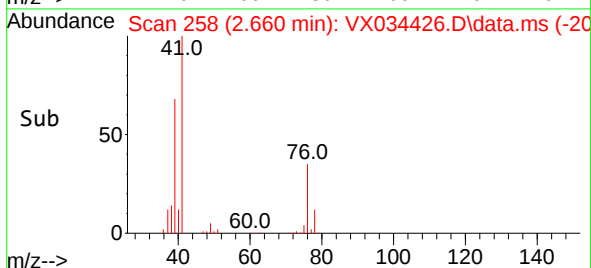
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

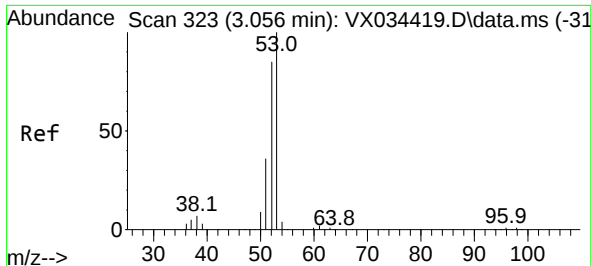


#14
Allyl chloride
Concen: 18.895 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40



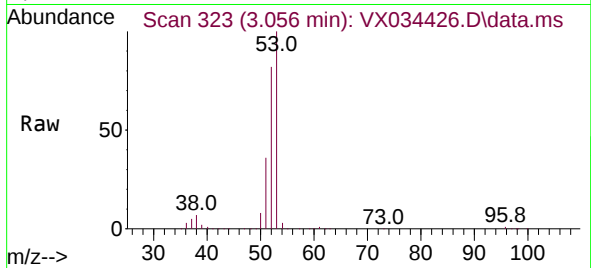
Tgt Ion: 41 Resp: 120695
Ion Ratio Lower Upper
41 100
39 64.5 52.4 78.6
76 31.5 26.0 39.0





#15
Acrylonitrile
Concen: 105.115 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

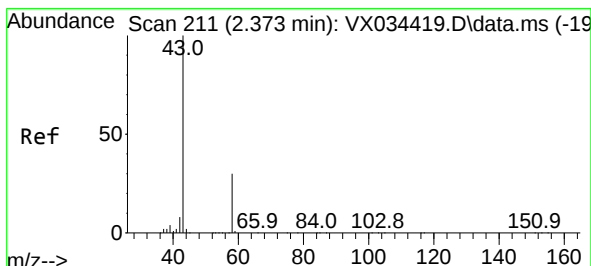
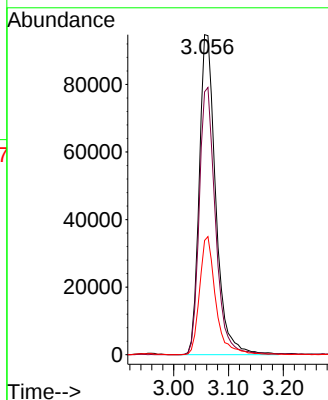
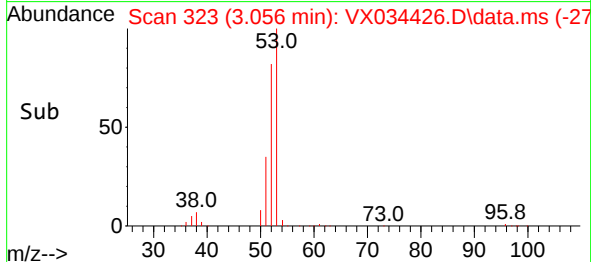
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01



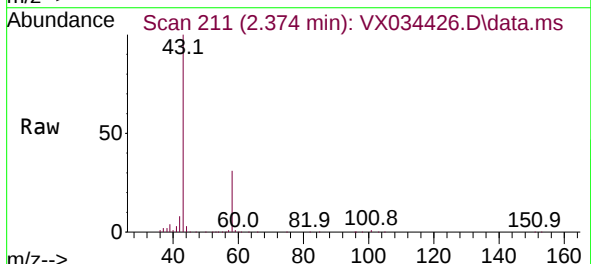
Tgt Ion: 53 Resp: 197985
Ion Ratio Lower Upper
53 100
52 82.2 66.2 99.2
51 36.3 28.3 42.5

Manual Integrations
APPROVED

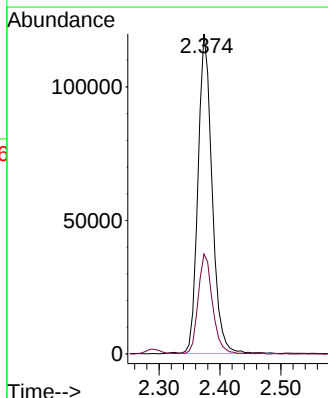
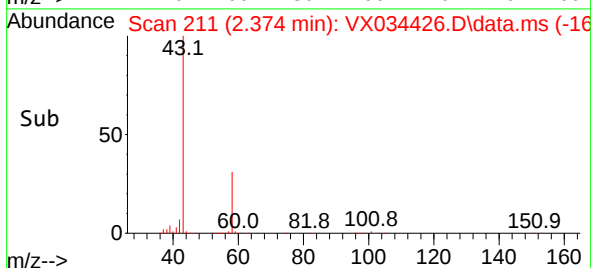
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

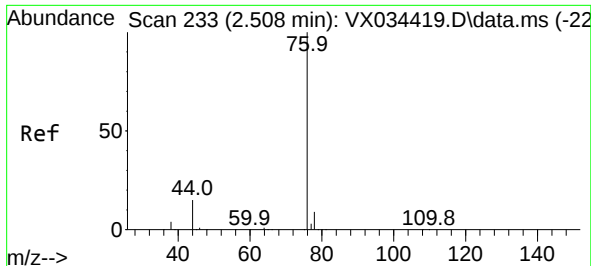


#16
Acetone
Concen: 97.209 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40



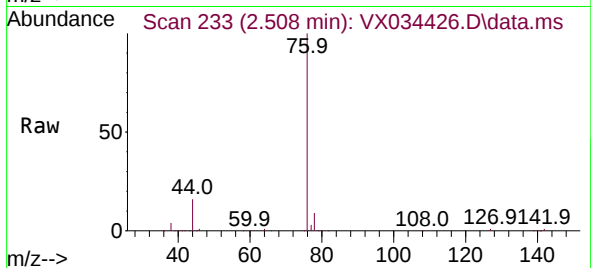
Tgt Ion: 43 Resp: 191725
Ion Ratio Lower Upper
43 100
58 31.2 24.7 37.1





#17
Carbon Disulfide
Concen: 18.163 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

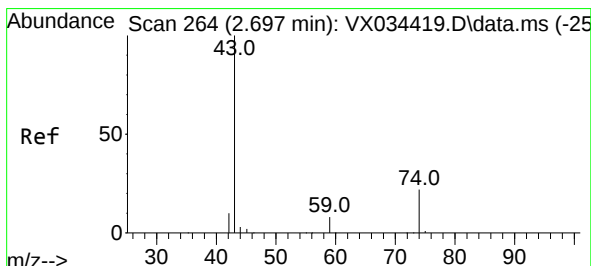
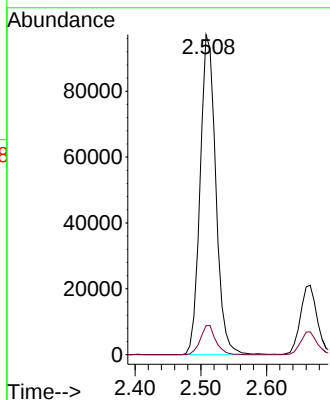
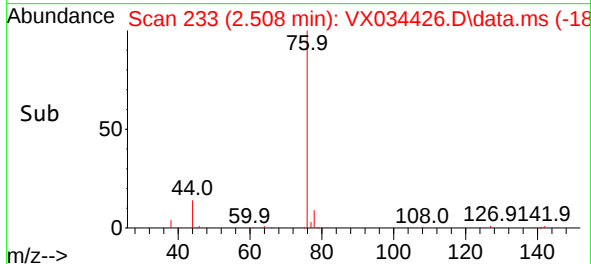
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01



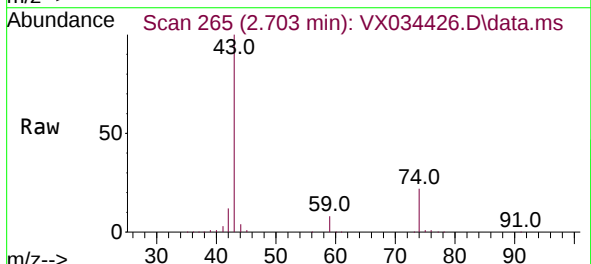
Tgt Ion: 76 Resp: 16104
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

Manual Integrations
APPROVED

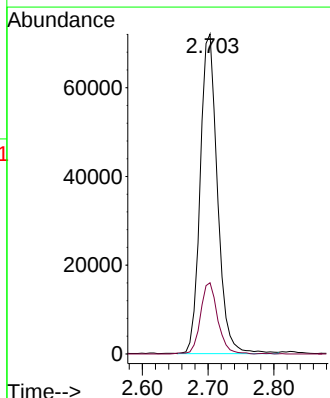
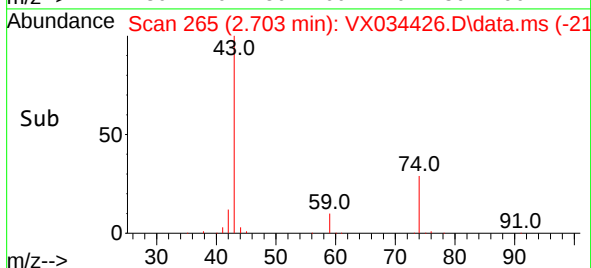
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

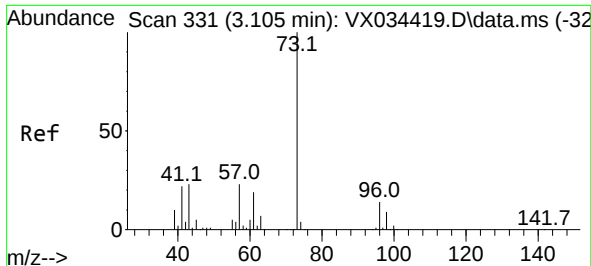


#18
Methyl Acetate
Concen: 20.388 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40



Tgt Ion: 43 Resp: 131390
Ion Ratio Lower Upper
43 100
74 22.2 18.3 27.5





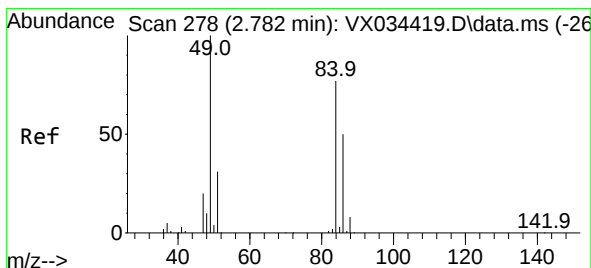
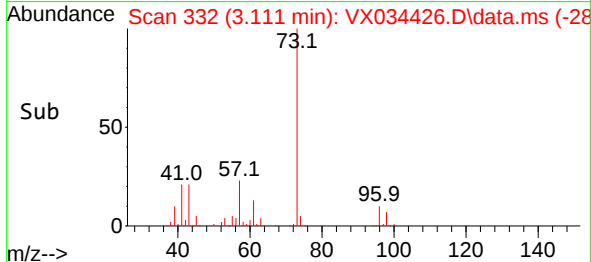
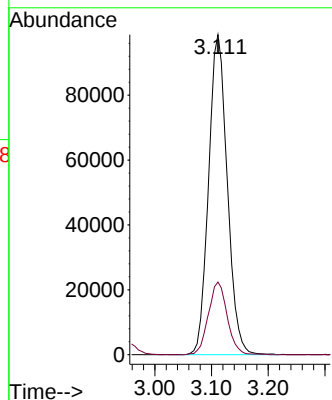
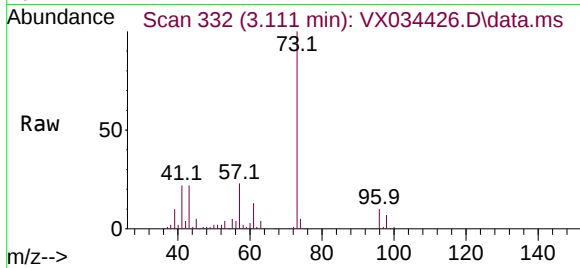
#19
Methyl tert-butyl Ether
Concen: 20.004 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

Tgt Ion: 73 Resp: 22567
Ion Ratio Lower Upper
73 100
57 22.7 18.5 27.7

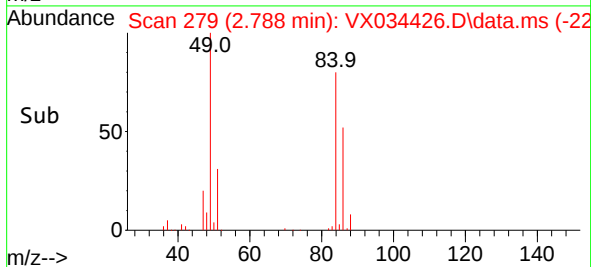
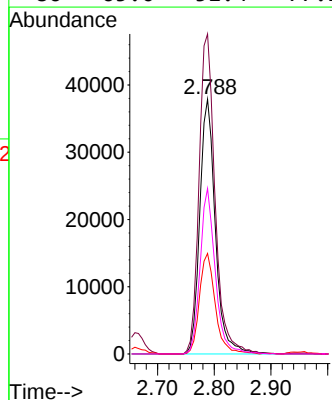
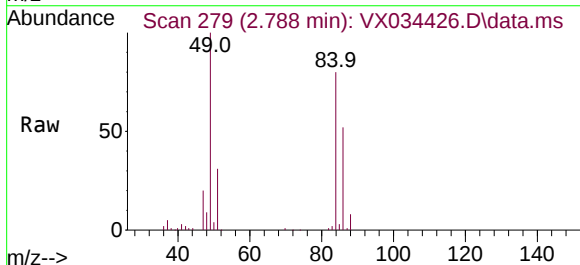
Manual Integrations
APPROVED

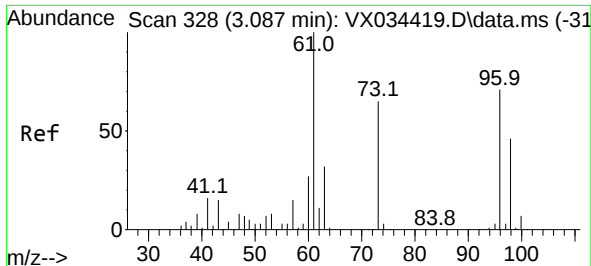
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#20
Methylene Chloride
Concen: 18.887 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

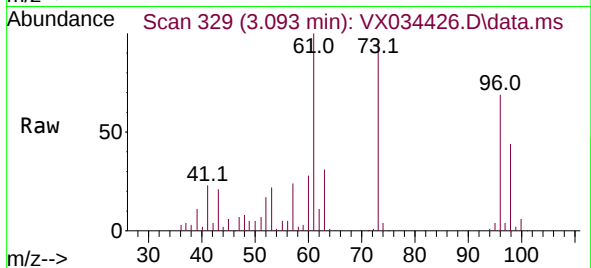
Tgt Ion: 84 Resp: 72297
Ion Ratio Lower Upper
84 100
49 125.6 103.8 155.8
51 39.5 31.8 47.8
86 65.0 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 19.924 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

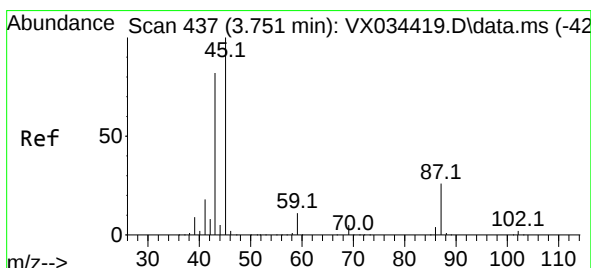
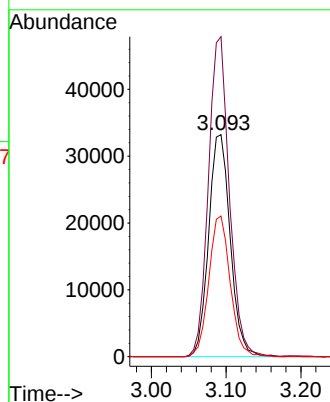
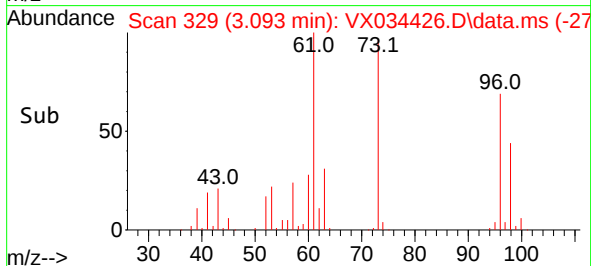
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01



Tgt Ion: 96 Resp: 66669
Ion Ratio Lower Upper
96 100
61 144.1 113.0 169.6
98 63.3 52.1 78.1

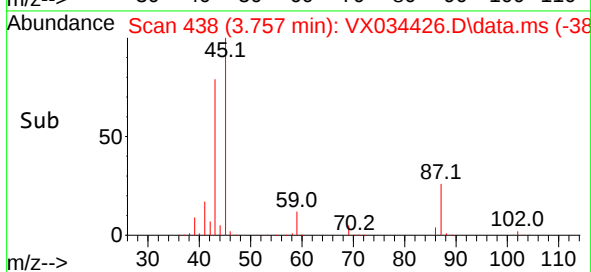
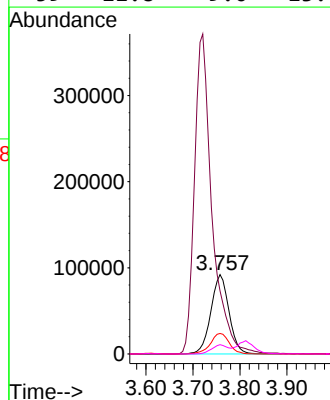
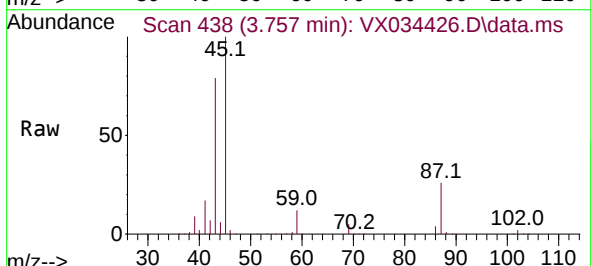
Manual Integrations
APPROVED

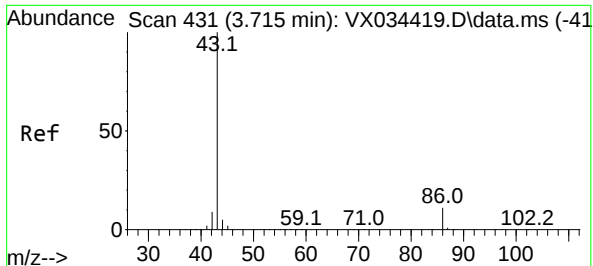
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#22
Diisopropyl ether
Concen: 20.207 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

Tgt Ion: 45 Resp: 246096
Ion Ratio Lower Upper
45 100
43 78.7 65.4 98.2
87 25.9 20.6 31.0
59 11.8 9.0 13.6





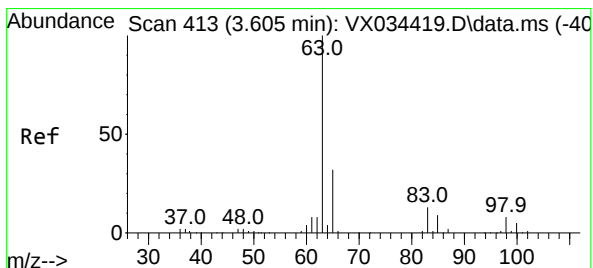
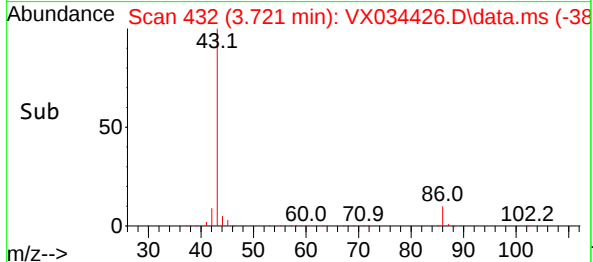
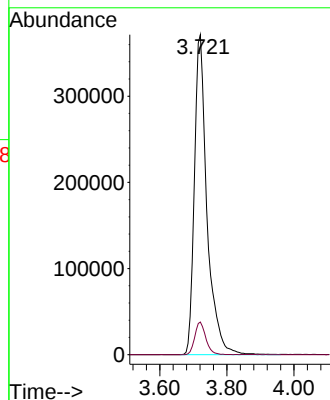
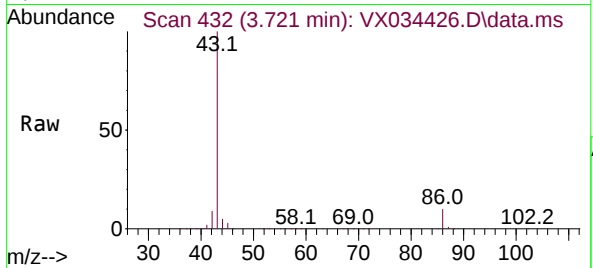
#23
 Vinyl Acetate
 Concen: 104.610 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034426.D
 Acq: 13 Mar 2023 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD01

Tgt Ion: 43 Resp: 969615
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.5 12.7

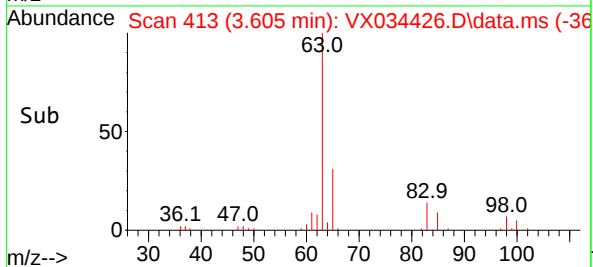
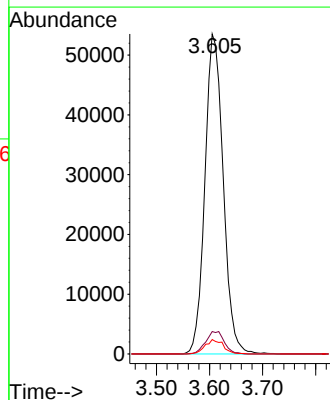
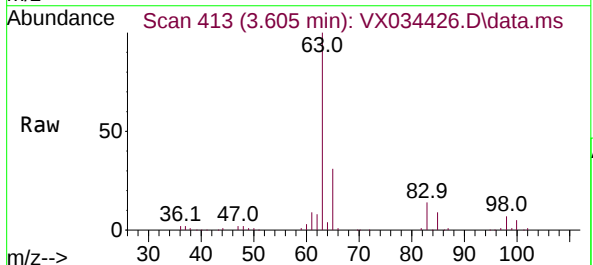
Manual Integrations
 APPROVED

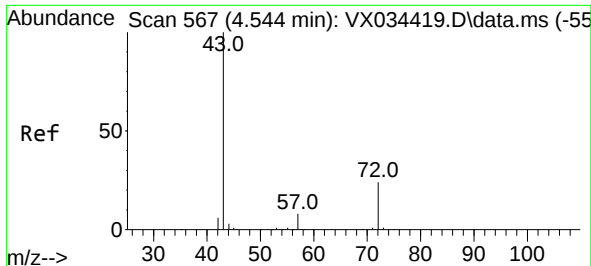
Reviewed By :John Carlone 03/14/2023
 Supervised By :Mahesh Dadoda 03/15/2023



#24
 1,1-Dichloroethane
 Concen: 19.606 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034426.D
 Acq: 13 Mar 2023 12:40

Tgt Ion: 63 Resp: 128354
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.2
 100 4.5 2.4 7.1





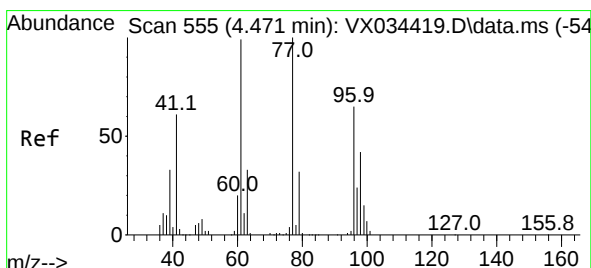
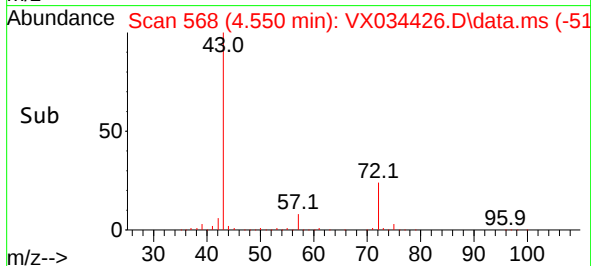
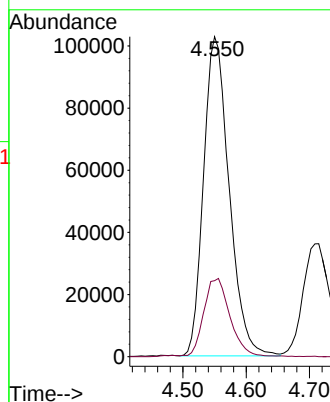
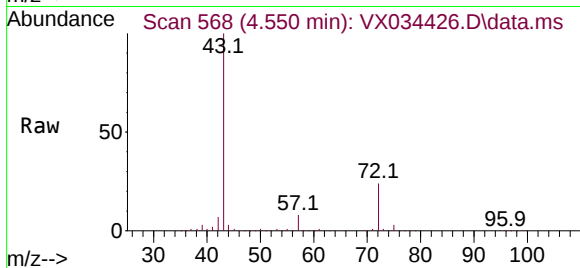
#25
2-Butanone
Concen: 102.461 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

Tgt Ion: 43 Resp: 28915
Ion Ratio Lower Upper
43 100
72 23.5 19.3 28.9

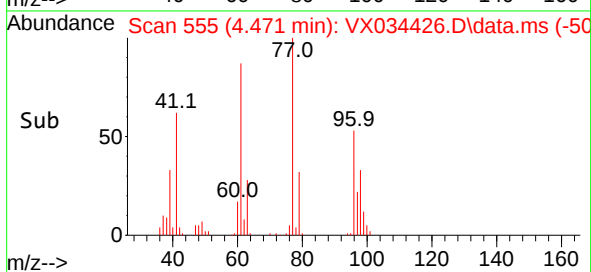
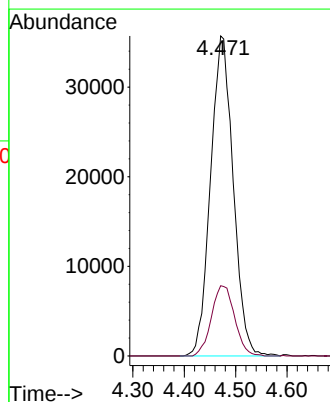
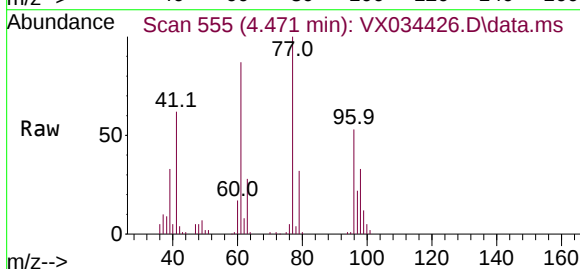
Manual Integrations
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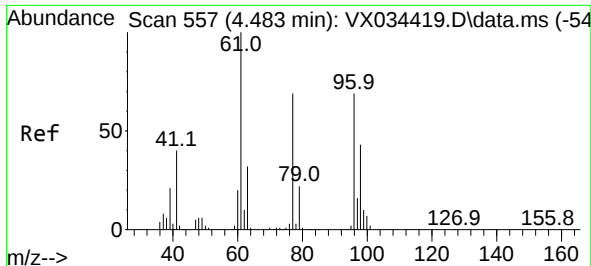
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#26
2,2-Dichloropropane
Concen: 19.196 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

Tgt Ion: 77 Resp: 109241
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 19.473 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX034426.D

Acq: 13 Mar 2023 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

Tgt Ion: 96 Resp: 78440

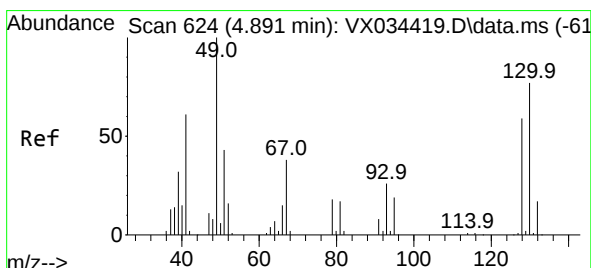
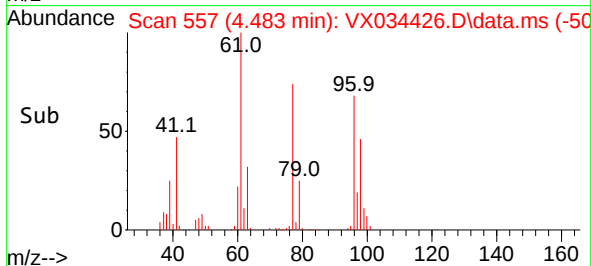
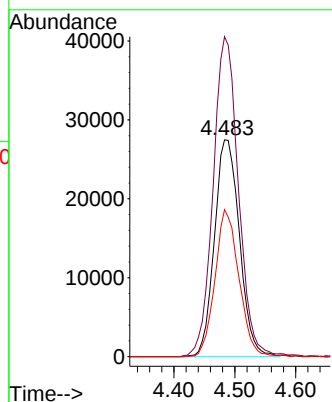
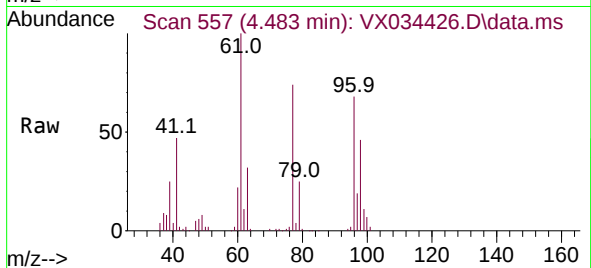
Ion	Ratio	Lower	Upper
96	100		
61	149.3	0.0	300.4
98	64.8	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#28

Bromochloromethane

Concen: 20.711 ug/l

RT: 4.898 min Scan# 625

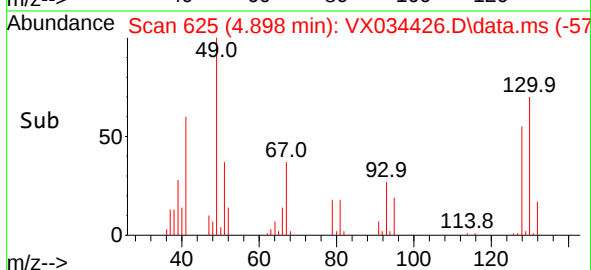
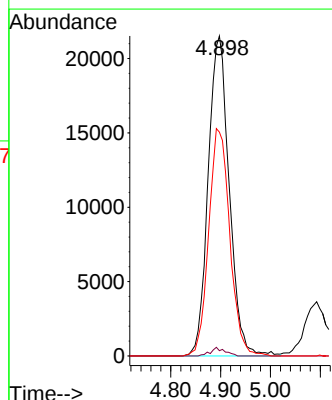
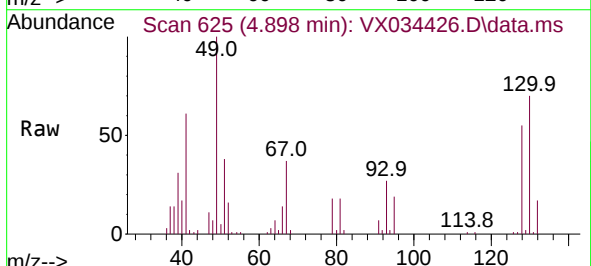
Delta R.T. 0.006 min

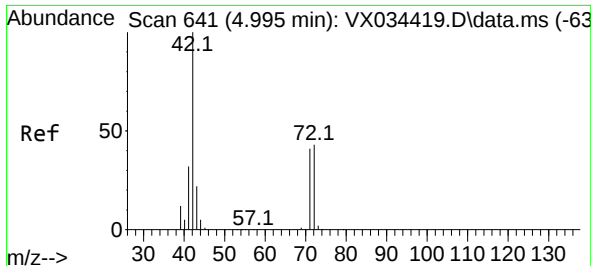
Lab File: VX034426.D

Acq: 13 Mar 2023 12:40

Tgt Ion: 49 Resp: 63045

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	71.3	58.2	87.2





#29

Tetrahydrofuran

Concen: 105.001 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX034426.D

Acq: 13 Mar 2023 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

Tgt Ion: 42 Resp: 18284

Ion Ratio Lower Upper

42 100

72 42.5 34.5 51.7

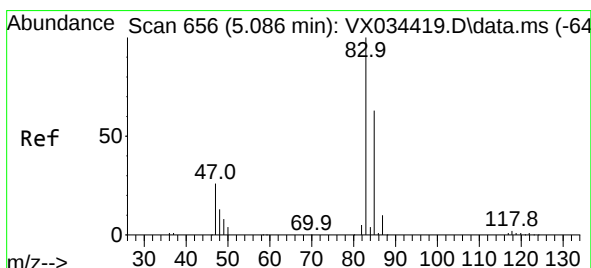
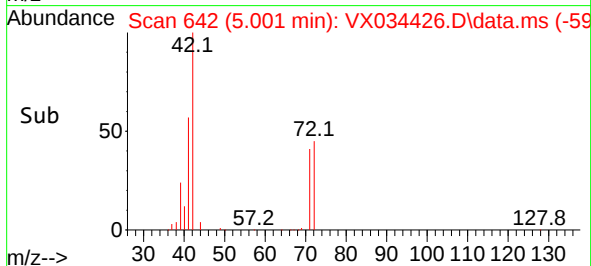
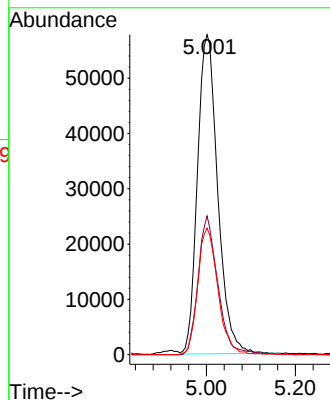
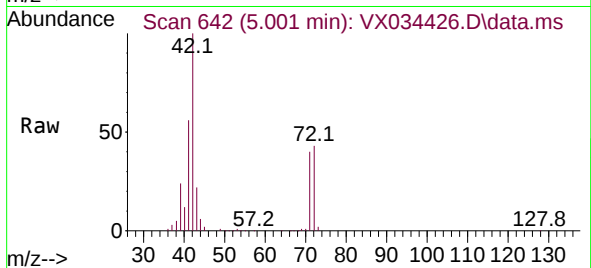
71 39.3 32.1 48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#30

Chloroform

Concen: 20.062 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX034426.D

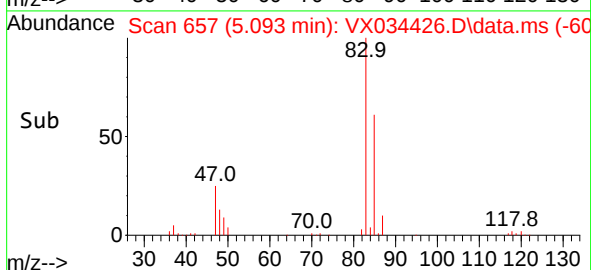
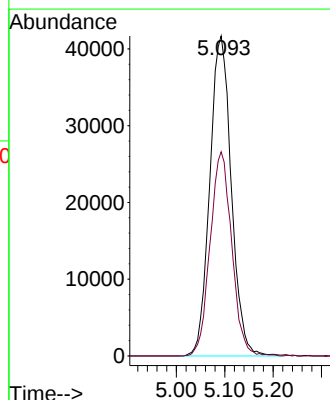
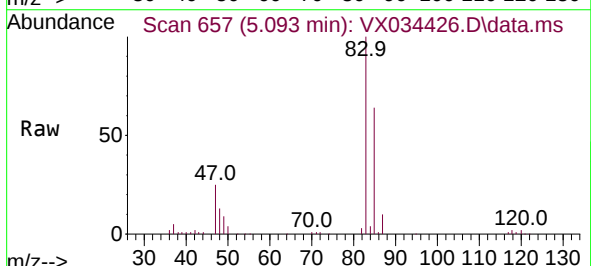
Acq: 13 Mar 2023 12:40

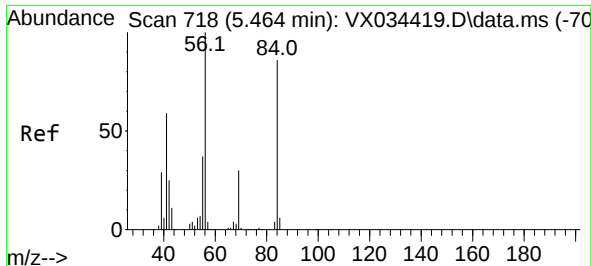
Tgt Ion: 83 Resp: 128747

Ion Ratio Lower Upper

83 100

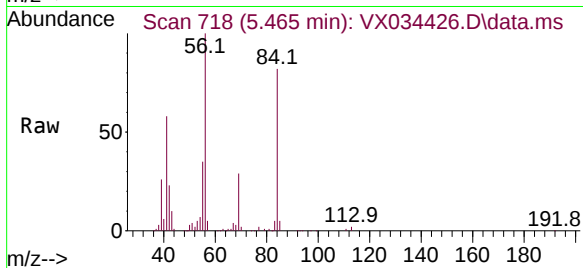
85 63.8 50.6 76.0





#31
Cyclohexane
Concen: 20.089 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

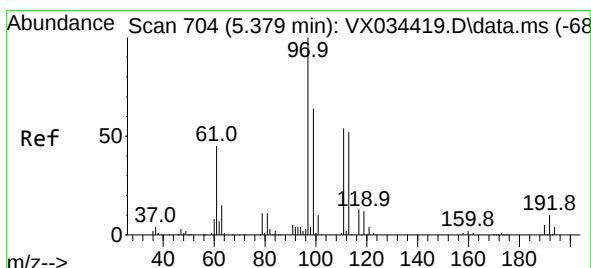
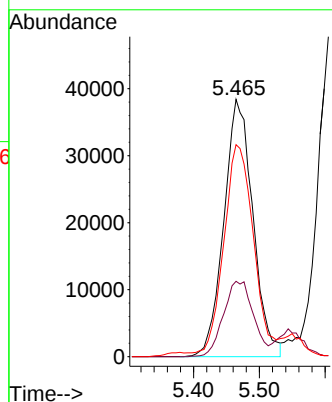
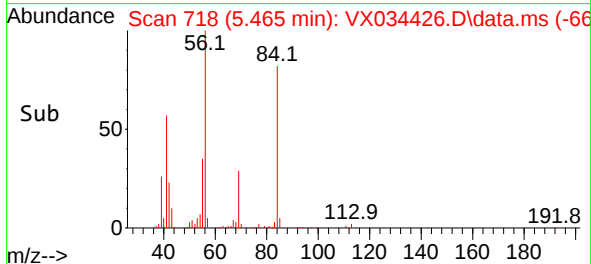
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01



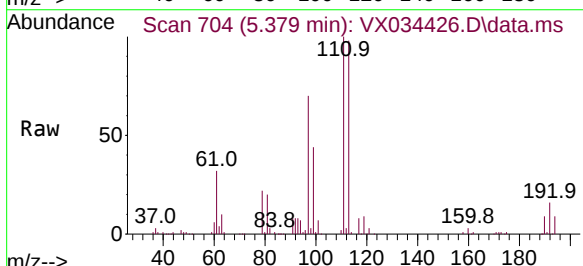
Tgt Ion: 56 Resp: 11796
Ion Ratio Lower Upper
56 100
69 29.3 23.7 35.5
84 80.7 68.5 102.7

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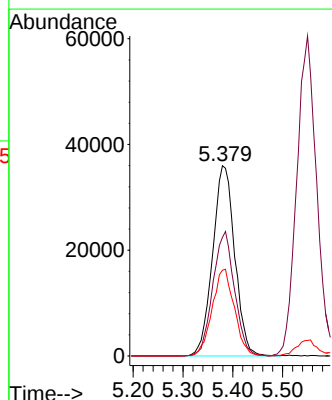
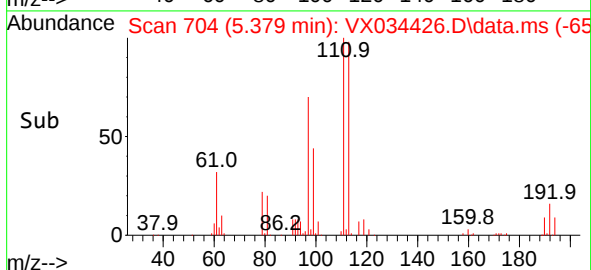
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

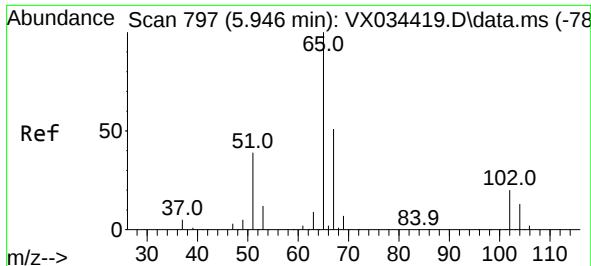


#32
1,1,1-Trichloroethane
Concen: 19.505 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40



Tgt Ion: 97 Resp: 110812
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 45.7 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 44.385 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX034426.D

Acq: 13 Mar 2023 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

Tgt Ion: 65 Resp: 185840

Ion Ratio Lower Upper

65 100

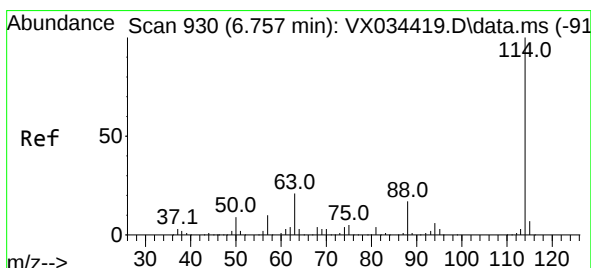
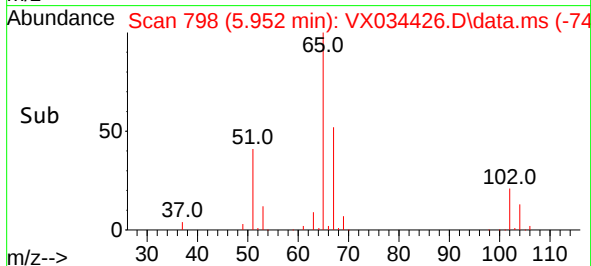
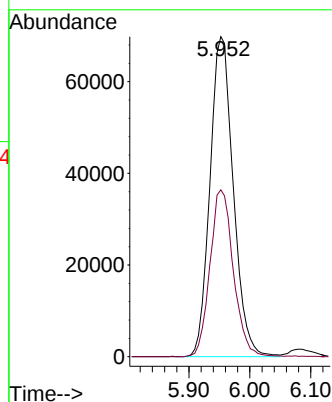
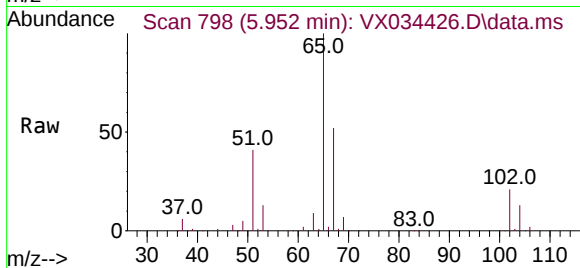
67 52.2 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034426.D

Acq: 13 Mar 2023 12:40

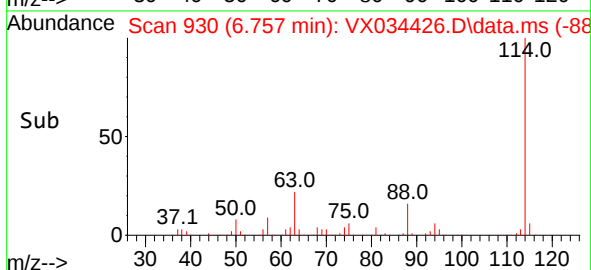
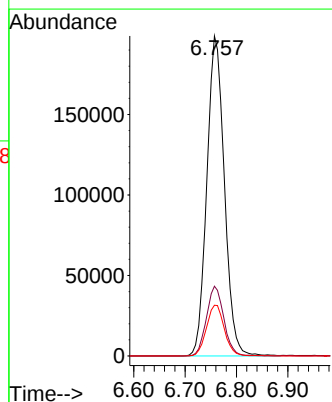
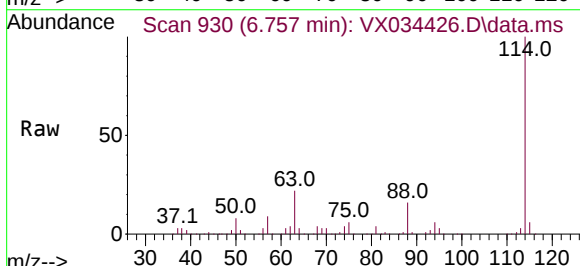
Tgt Ion:114 Resp: 471718

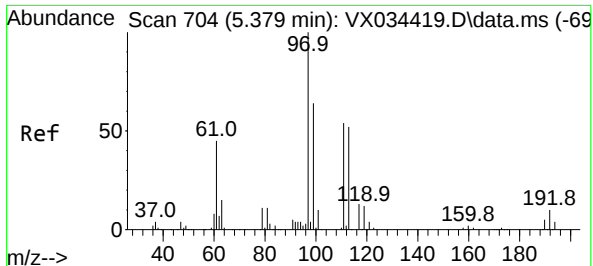
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.2

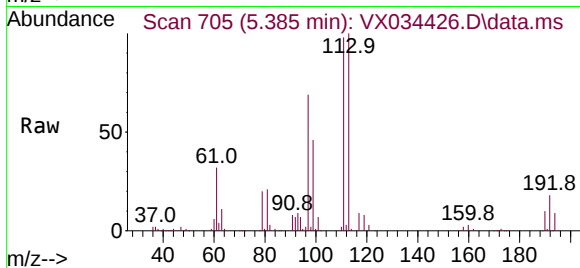
88 15.8 0.0 33.2





#35
Dibromofluoromethane
Concen: 47.461 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

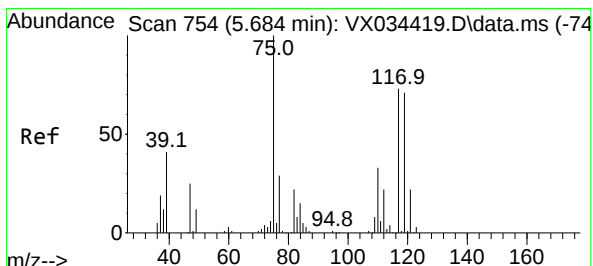
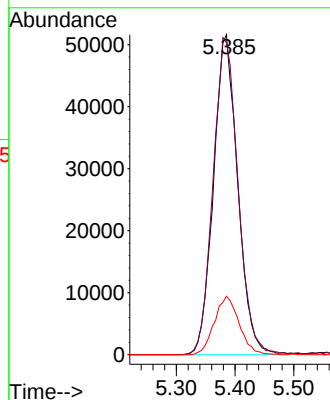
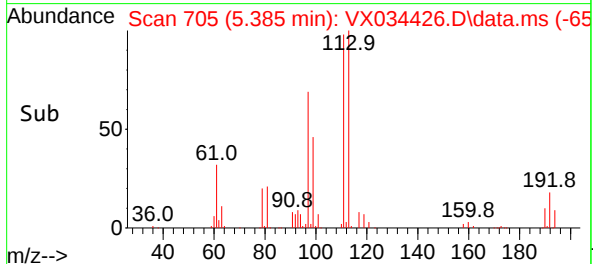
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01



Tgt Ion:113 Resp: 14781
Ion Ratio Lower Upper
113 100
111 102.1 83.7 125.5
192 18.7 15.4 23.2

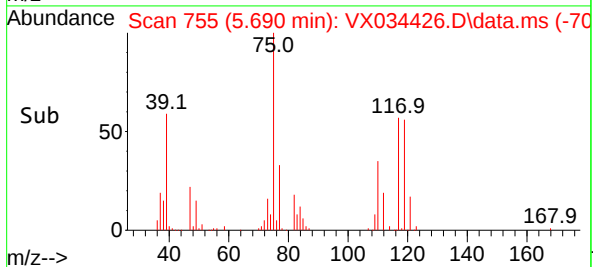
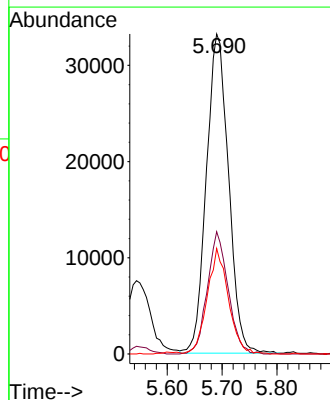
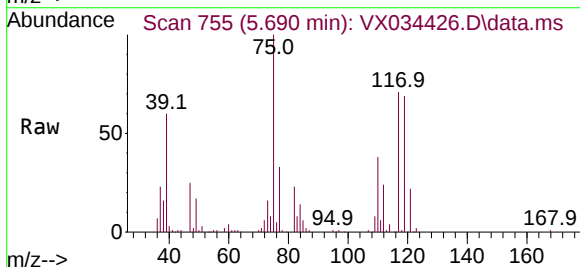
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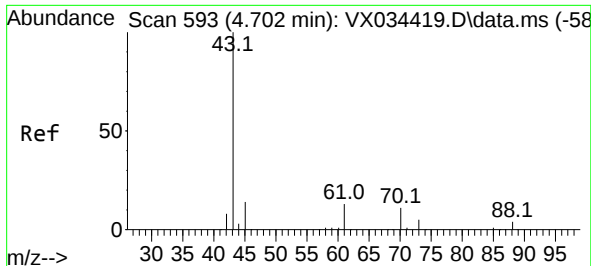
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#36
1,1-Dichloropropene
Concen: 19.505 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

Tgt Ion: 75 Resp: 93307
Ion Ratio Lower Upper
75 100
110 35.8 17.5 52.5
77 31.5 24.3 36.5





#37

Ethyl Acetate

Concen: 20.568 ug/l

RT: 4.715 min Scan# 593

Delta R.T. 0.012 min

Lab File: VX034426.D

Acq: 13 Mar 2023 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

Tgt Ion: 43 Resp: 107490

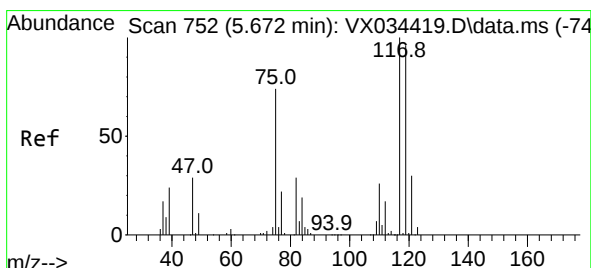
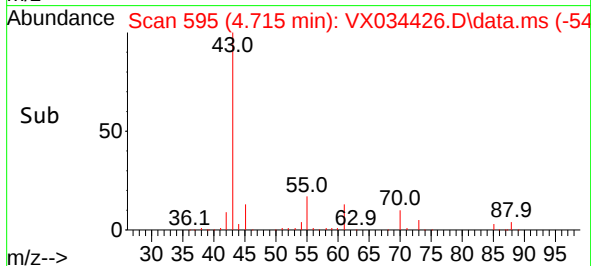
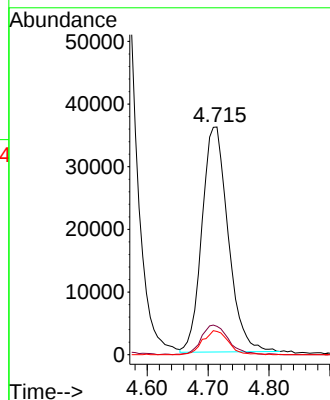
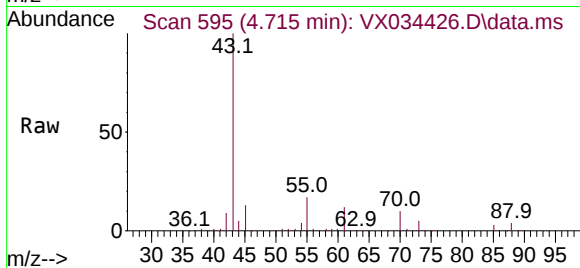
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.2	15.4
70	10.4	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#38

Carbon Tetrachloride

Concen: 19.764 ug/l

RT: 5.678 min Scan# 753

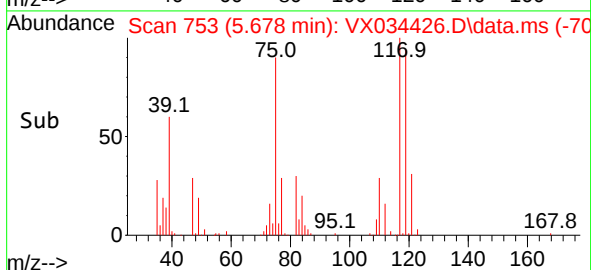
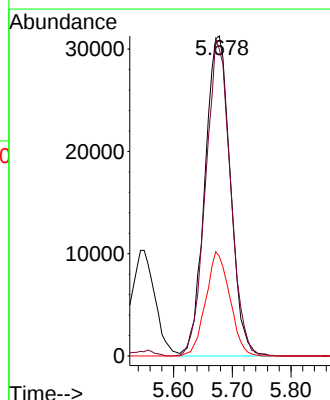
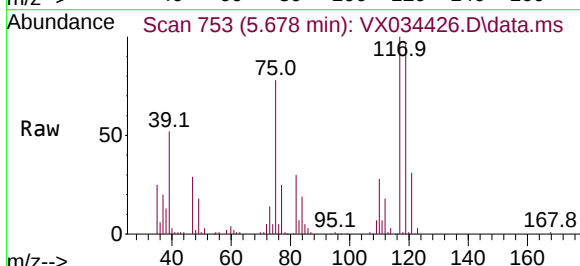
Delta R.T. 0.006 min

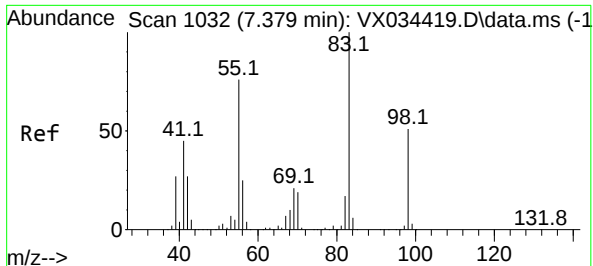
Lab File: VX034426.D

Acq: 13 Mar 2023 12:40

Tgt Ion:117 Resp: 94056

Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.6	114.8
121	31.2	23.8	35.6





#39

Methylcyclohexane

Concen: 20.396 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034426.D

Acq: 13 Mar 2023 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

Tgt Ion: 83 Resp: 116764

Ion Ratio Lower Upper

83 100

55 79.9 60.5 90.7

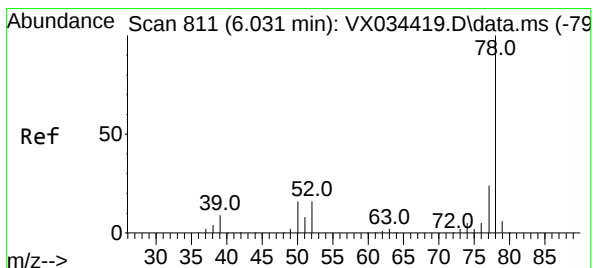
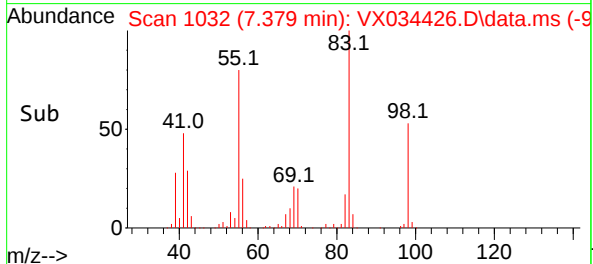
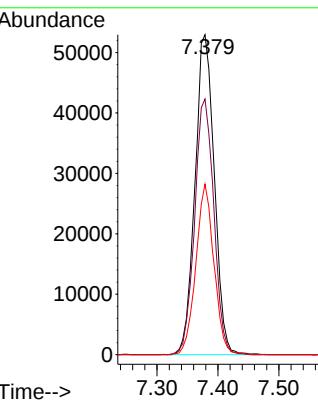
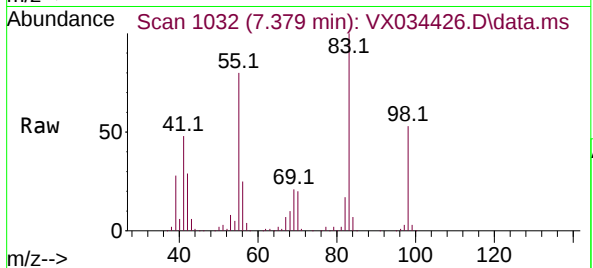
98 53.3 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#40

Benzene

Concen: 20.110 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX034426.D

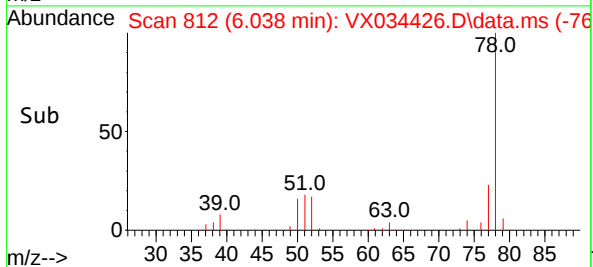
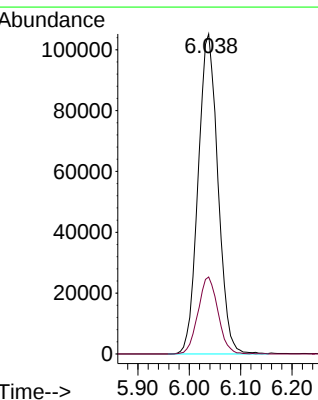
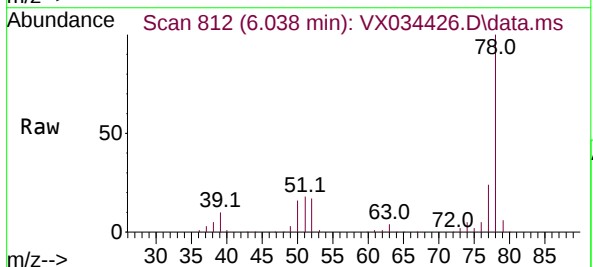
Acq: 13 Mar 2023 12:40

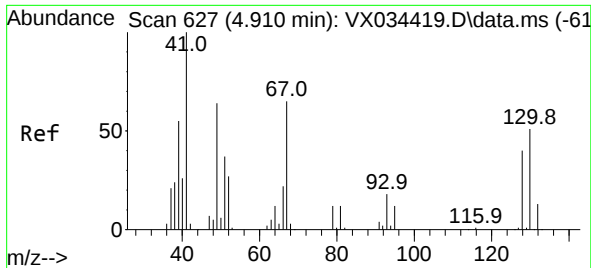
Tgt Ion: 78 Resp: 281420

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.4





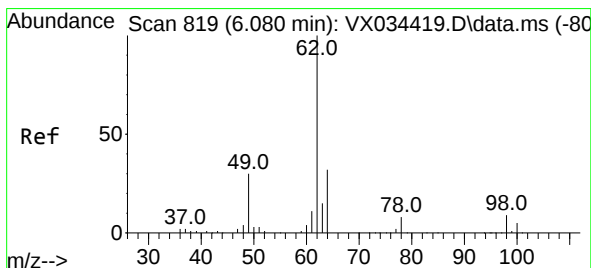
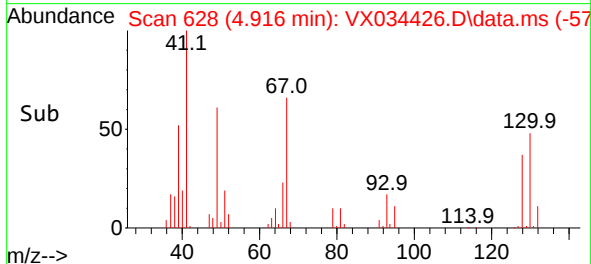
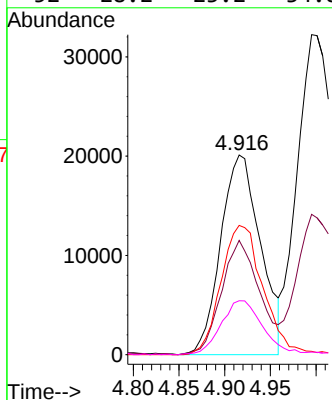
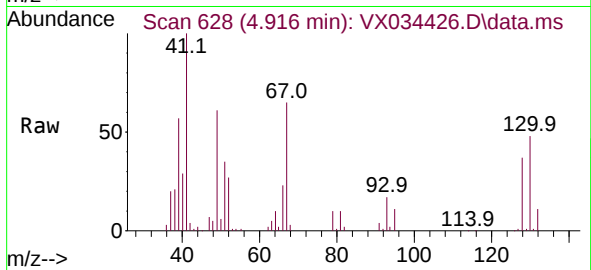
#41
Methacrylonitrile
Concen: 21.358 ug/l
RT: 4.916 min Scan# 61169
Delta R.T. 0.006 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

Tgt Ion: 41 Resp: 61169
Ion Ratio Lower Upper
41 100
39 54.7 45.0 67.6
67 68.2 55.6 83.4
52 28.2 23.2 34.8

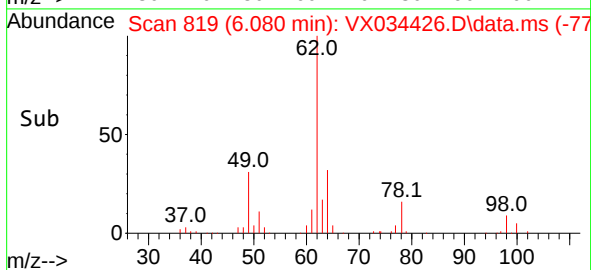
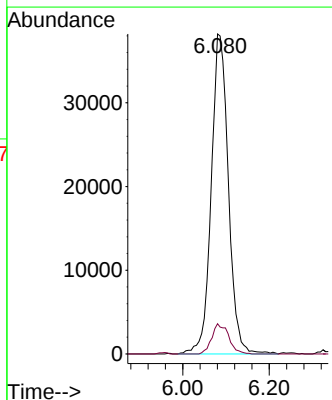
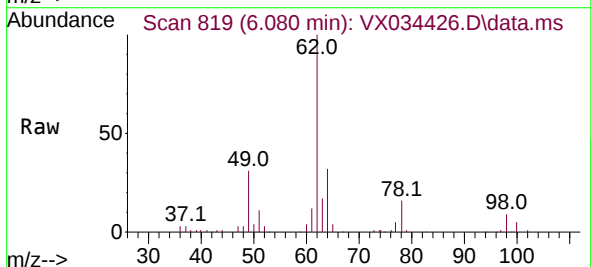
Manual Integrations
APPROVED

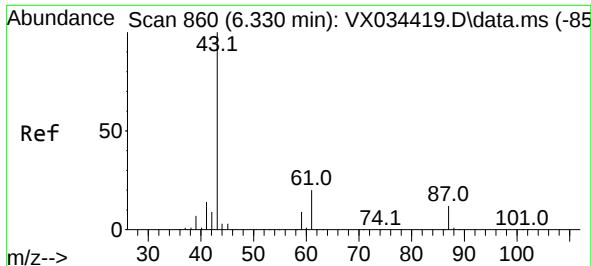
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#42
1,2-Dichloroethane
Concen: 20.429 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

Tgt Ion: 62 Resp: 105068
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.0





#43

Isopropyl Acetate

Concen: 20.764 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX034426.D

Acq: 13 Mar 2023 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

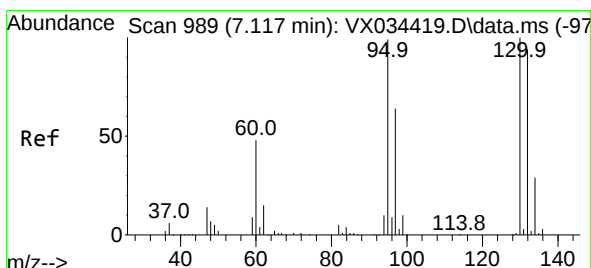
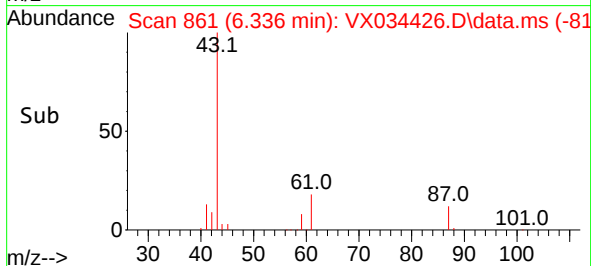
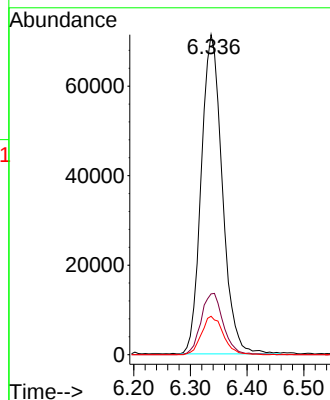
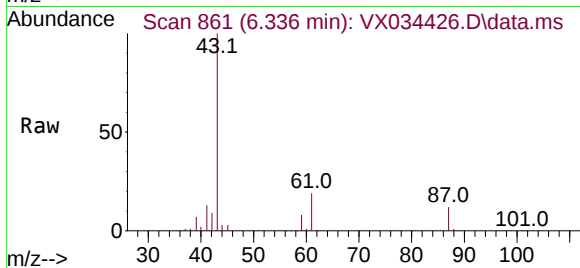
Tgt Ion:	43	Resp:	183820
Ion	Ratio	Lower	Upper
43	100		
61	20.3	15.2	22.8
87	12.4	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#44

Trichloroethene

Concen: 19.456 ug/l

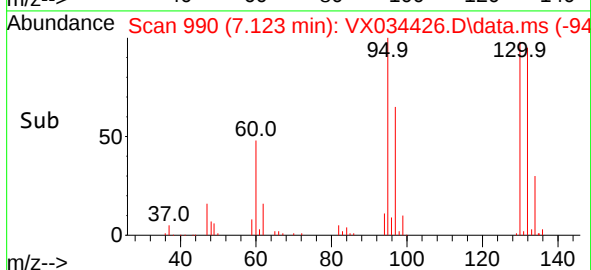
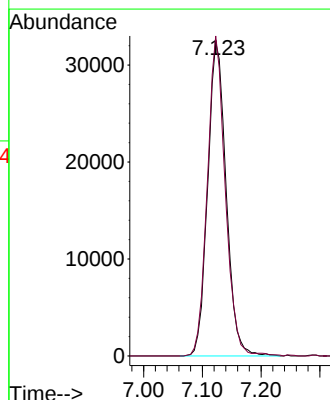
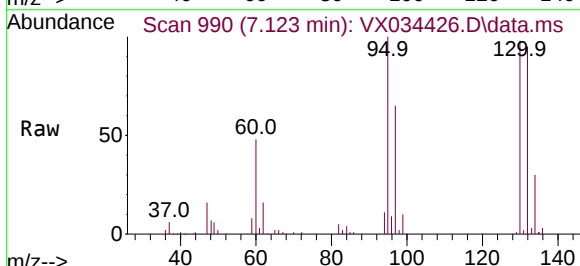
RT: 7.123 min Scan# 990

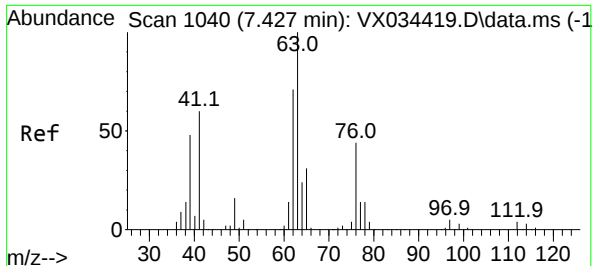
Delta R.T. 0.006 min

Lab File: VX034426.D

Acq: 13 Mar 2023 12:40

Tgt Ion:	130	Resp:	70741
Ion	Ratio	Lower	Upper
130	100		
95	102.0	0.0	198.4





#45

1,2-Dichloropropane

Concen: 20.643 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034426.D

Acq: 13 Mar 2023 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

Tgt Ion: 63 Resp: 75429

Ion Ratio Lower Upper

63 100

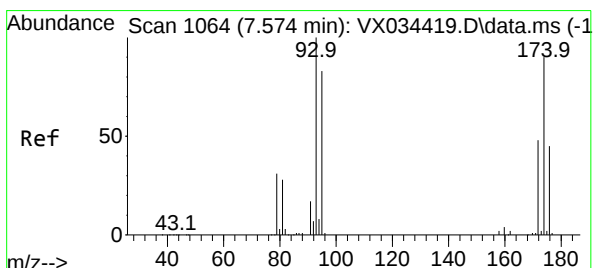
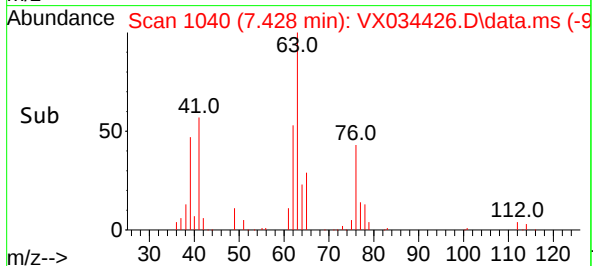
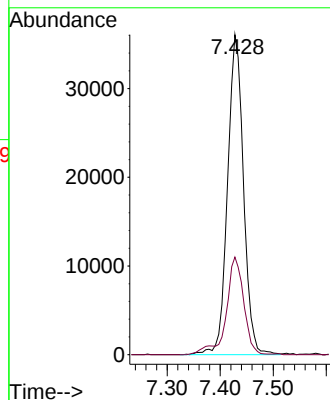
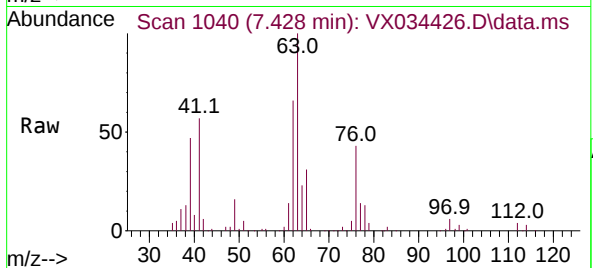
65 30.5 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#46

Dibromomethane

Concen: 20.527 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX034426.D

Acq: 13 Mar 2023 12:40

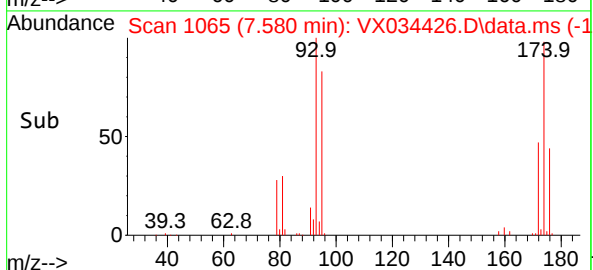
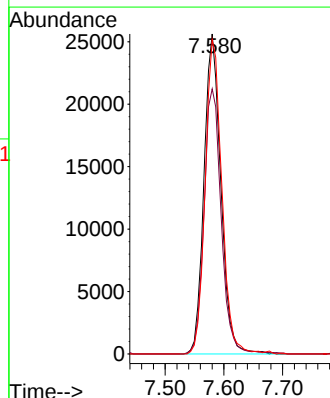
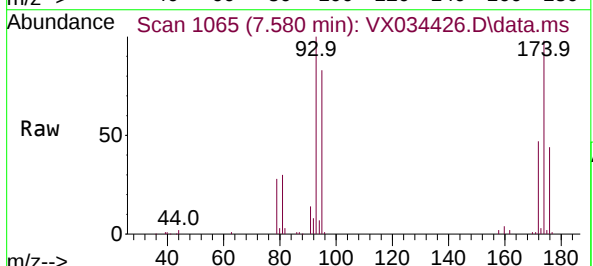
Tgt Ion: 93 Resp: 50991

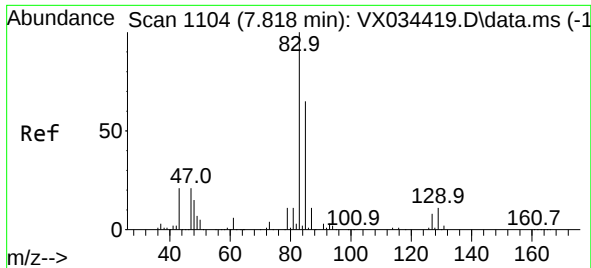
Ion Ratio Lower Upper

93 100

95 84.7 66.9 100.3

174 97.2 75.4 113.0





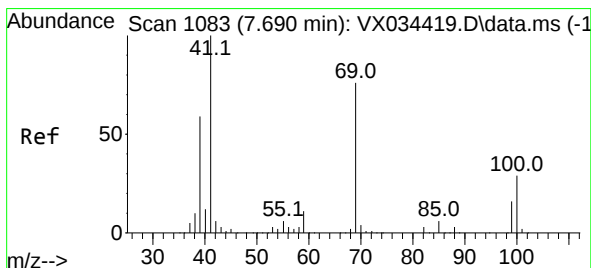
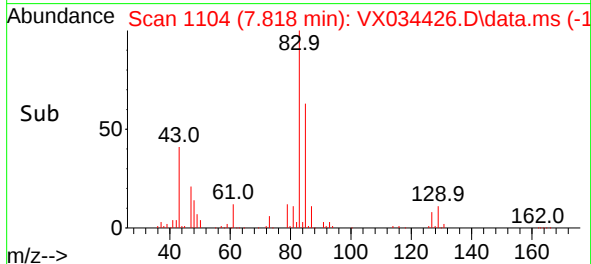
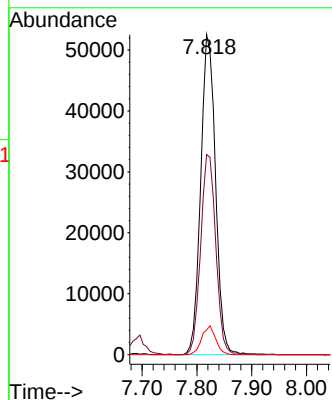
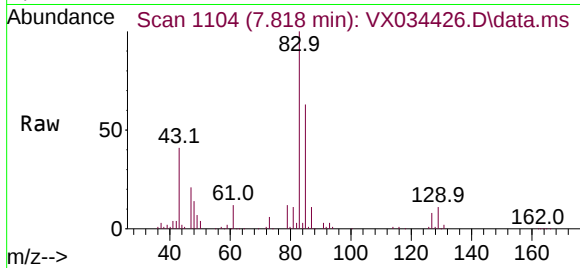
#47
Bromodichloromethane
Concen: 20.541 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

Tgt Ion: 83 Resp: 98758
Ion Ratio Lower Upper
83 100
85 62.6 52.2 78.4
127 7.7 6.6 9.8

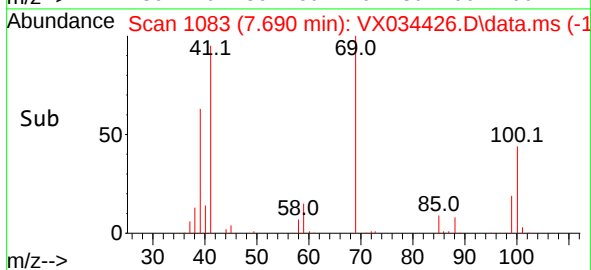
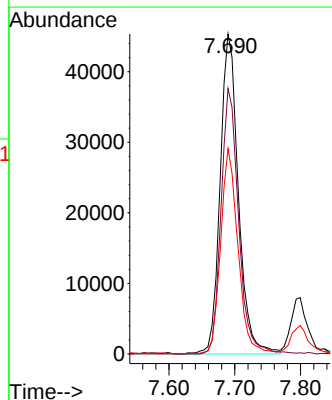
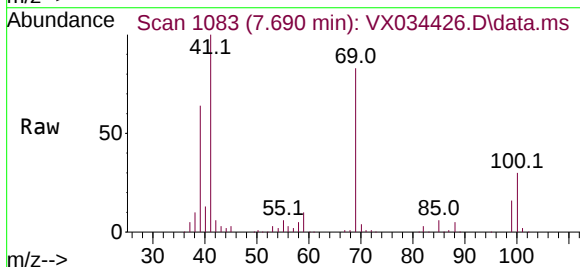
Manual Integrations
APPROVED

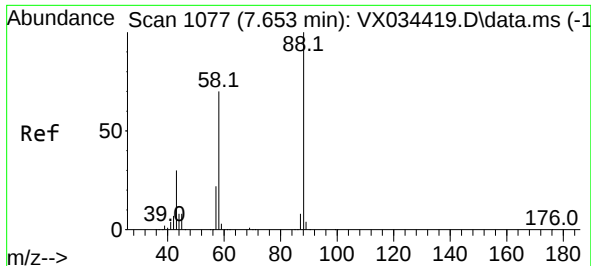
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#48
Methyl methacrylate
Concen: 20.563 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

Tgt Ion: 41 Resp: 87557
Ion Ratio Lower Upper
41 100
69 79.9 62.2 93.4
39 61.1 47.7 71.5





#49

1,4-Dioxane

Concen: 454.519 ug/l

RT: 7.659 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VX034426.D

Acq: 13 Mar 2023 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

Tgt Ion: 88 Resp: 40649

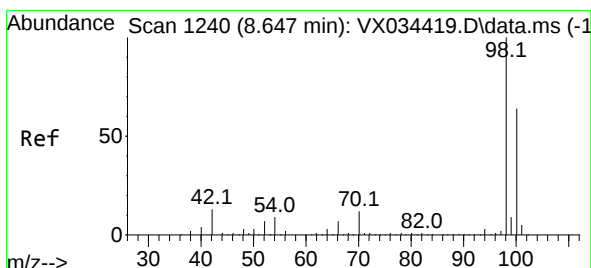
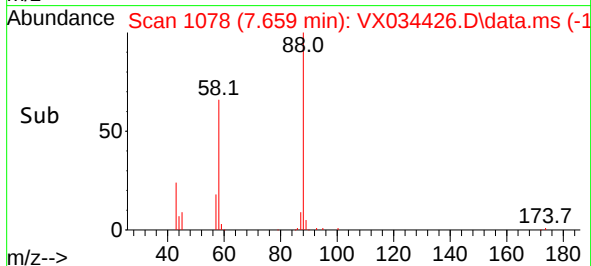
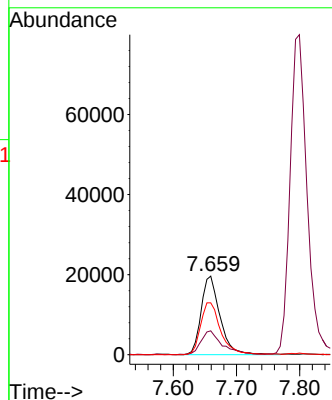
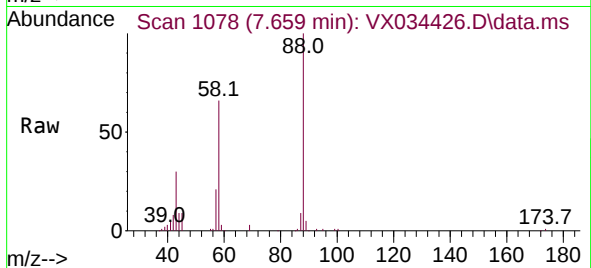
Ion	Ratio	Lower	Upper
88	100		
43	34.7	27.7	41.5
58	70.6	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#50

Toluene-d8

Concen: 47.455 ug/l

RT: 8.647 min Scan# 1240

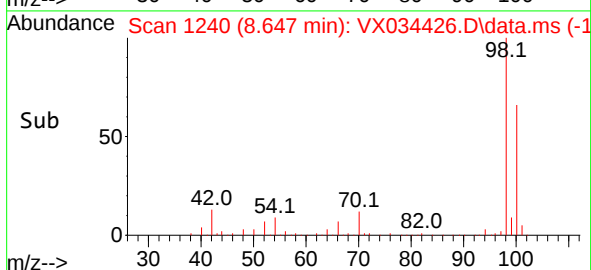
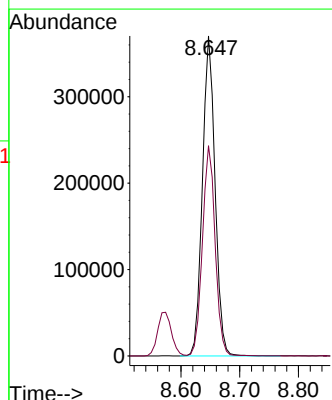
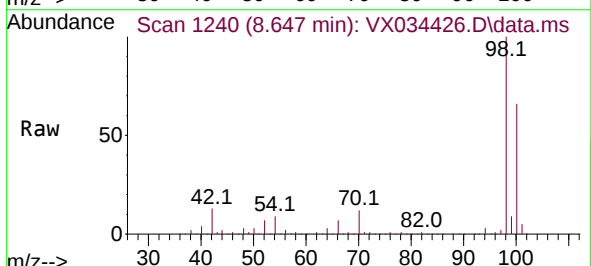
Delta R.T. 0.000 min

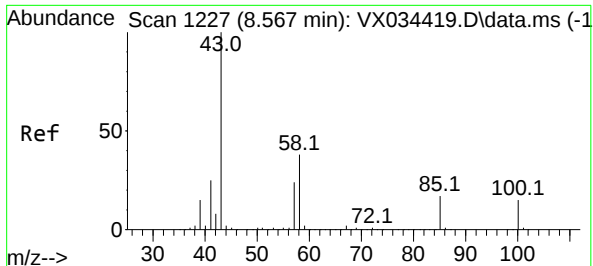
Lab File: VX034426.D

Acq: 13 Mar 2023 12:40

Tgt Ion: 98 Resp: 551746

Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.5	78.7





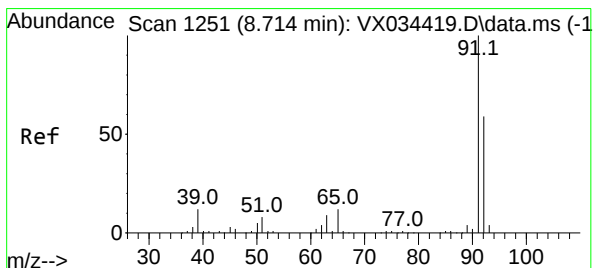
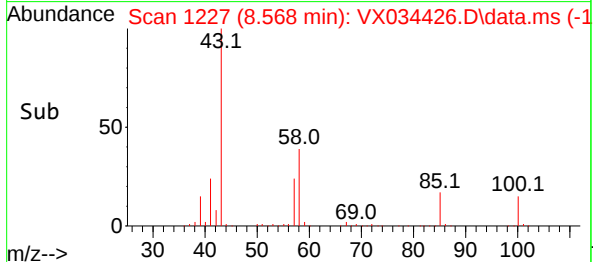
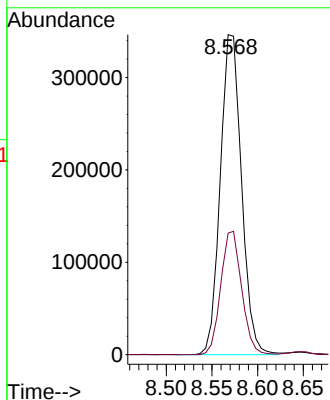
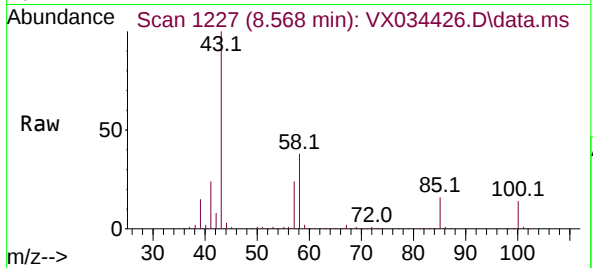
#51
4-Methyl-2-Pentanone
Concen: 109.187 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

Tgt Ion: 43 Resp: 56077
Ion Ratio Lower Upper
43 100
58 37.9 30.6 46.0

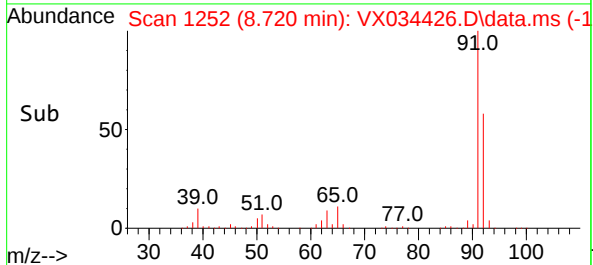
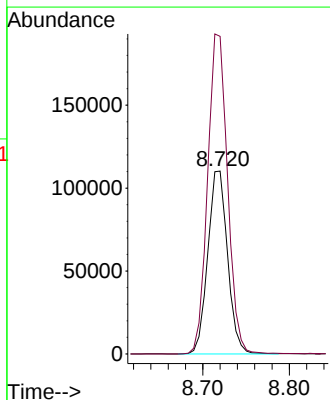
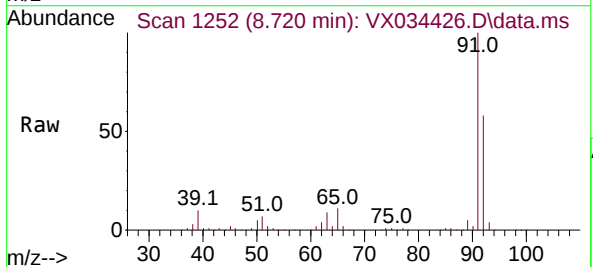
Manual Integrations
APPROVED

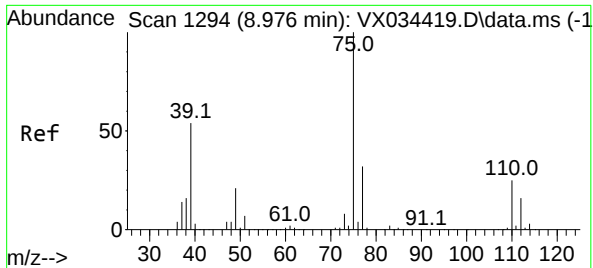
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#52
Toluene
Concen: 20.216 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

Tgt Ion: 92 Resp: 175149
Ion Ratio Lower Upper
92 100
91 176.3 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 20.335 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034426.D

Acq: 13 Mar 2023 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

Tgt Ion: 75 Resp: 110144

Ion Ratio Lower Upper

75 100

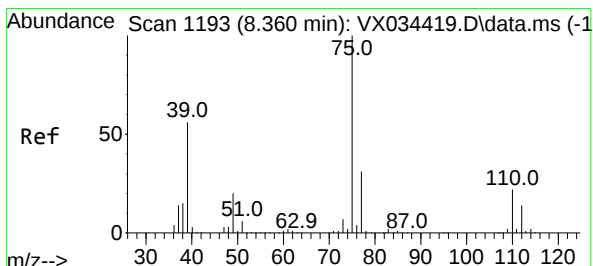
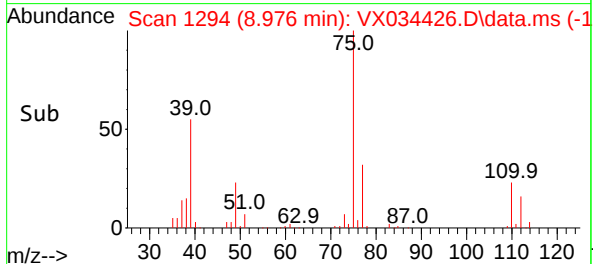
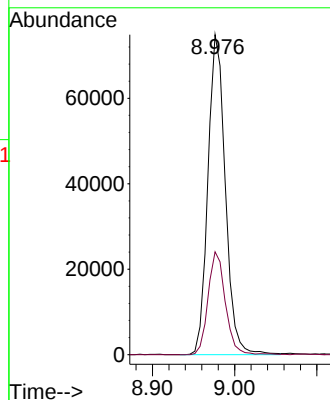
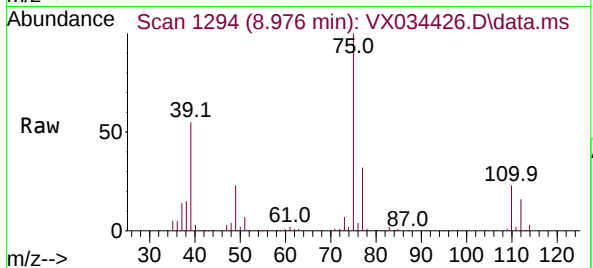
77 32.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#54

cis-1,3-Dichloropropene

Concen: 20.476 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX034426.D

Acq: 13 Mar 2023 12:40

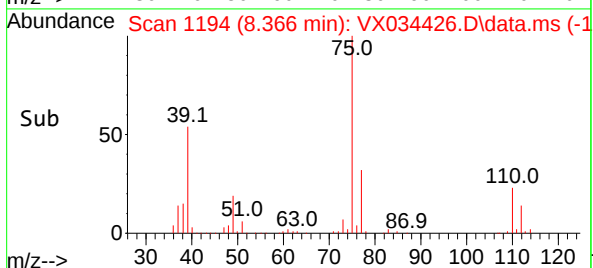
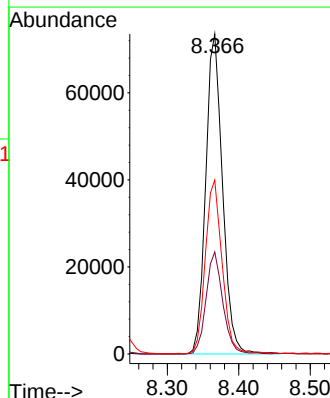
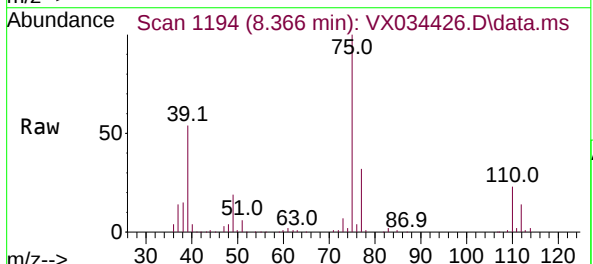
Tgt Ion: 75 Resp: 119987

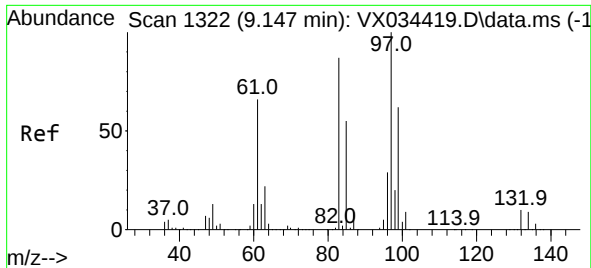
Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.4

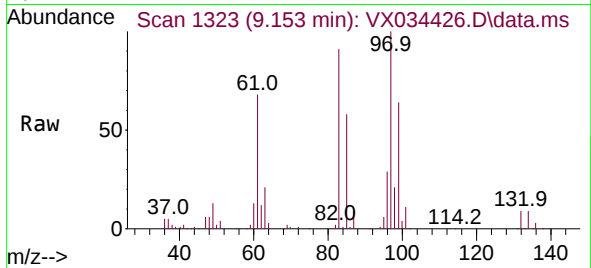
39 54.2 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 21.215 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

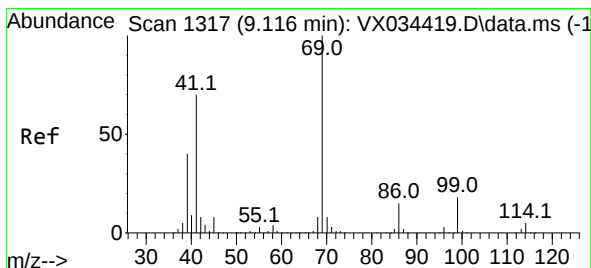
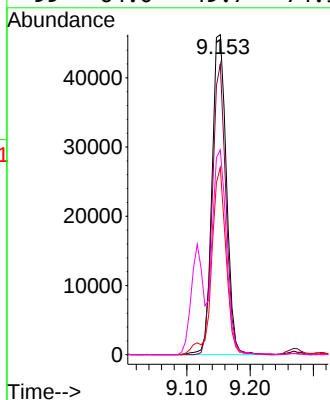
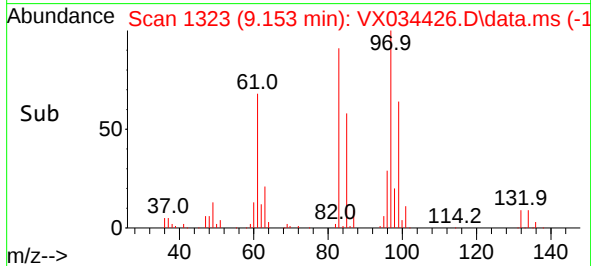
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01



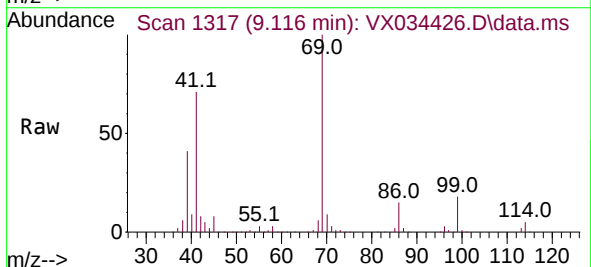
Tgt Ion: 97 Resp: 72945
Ion Ratio Lower Upper
97 100
83 90.8 69.7 104.5
85 58.4 43.7 65.5
99 64.0 49.7 74.5

Manual Integrations
APPROVED

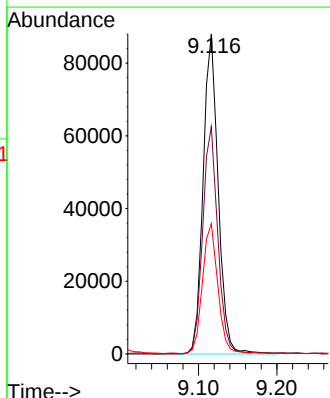
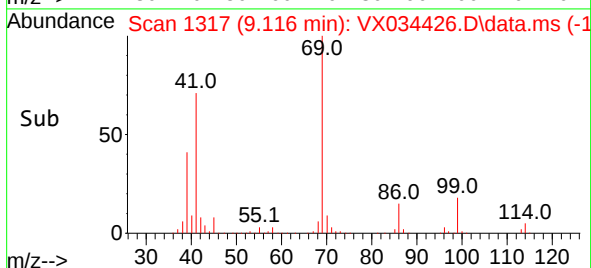
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

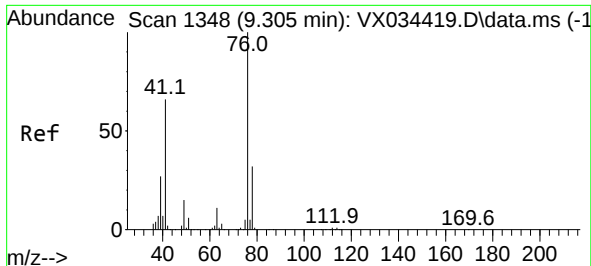


#56
Ethyl methacrylate
Concen: 20.803 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40



Tgt Ion: 69 Resp: 117442
Ion Ratio Lower Upper
69 100
41 71.5 57.4 86.0
39 41.6 33.7 50.5





#57

1,3-Dichloropropane

Concen: 21.131 ug/l

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034426.D

Acq: 13 Mar 2023 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

Tgt Ion: 76 Resp: 129130

Ion Ratio Lower Upper

76 100

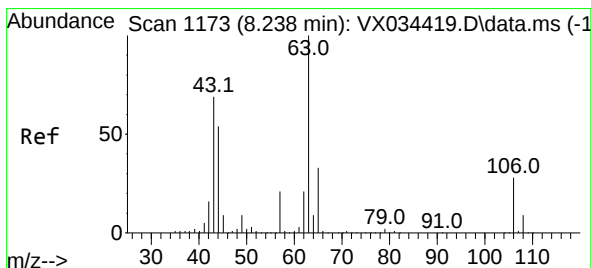
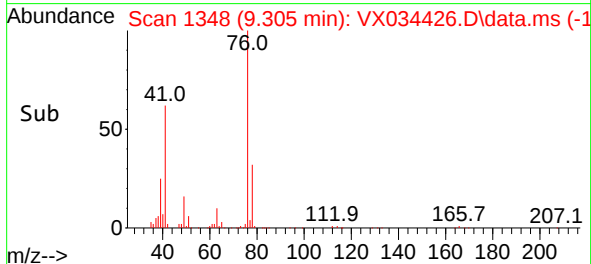
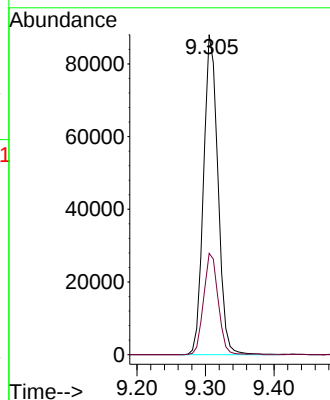
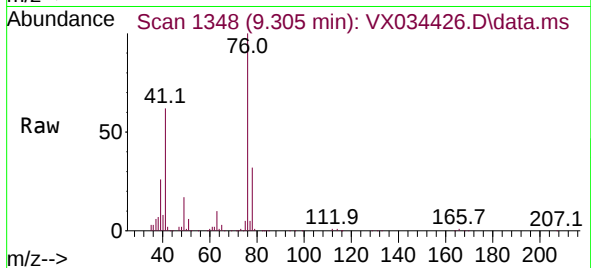
78 31.8 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 113.033 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034426.D

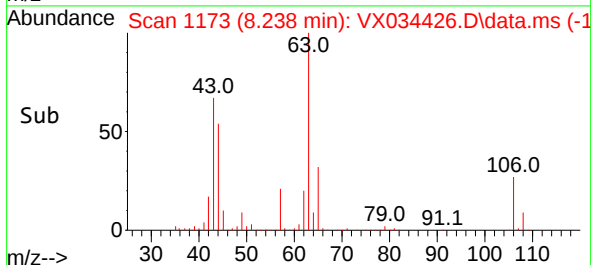
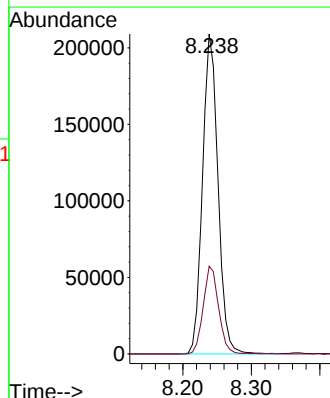
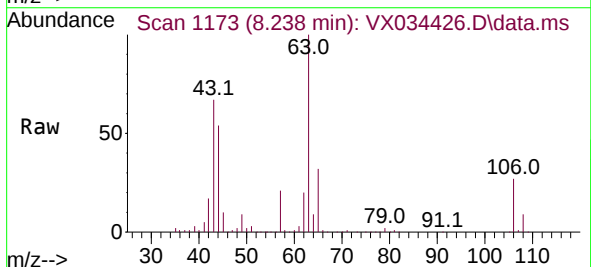
Acq: 13 Mar 2023 12:40

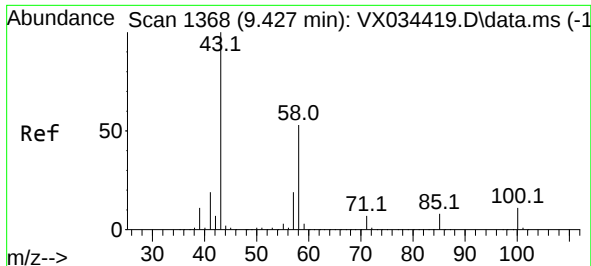
Tgt Ion: 63 Resp: 328859

Ion Ratio Lower Upper

63 100

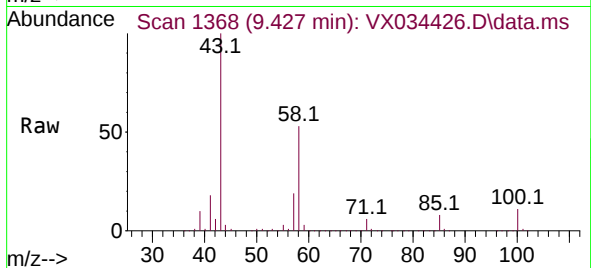
106 27.3 22.2 33.2





#59
2-Hexanone
Concen: 107.586 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

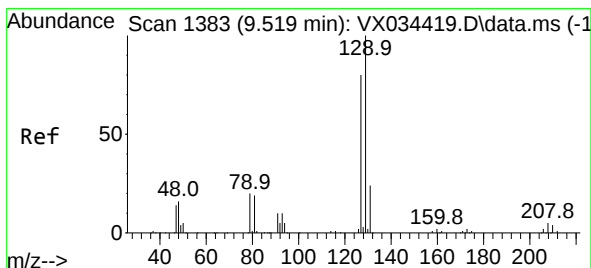
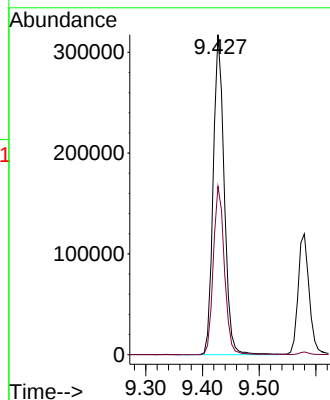
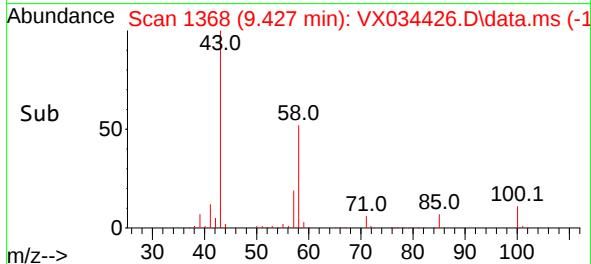
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01



Tgt Ion: 43 Resp: 42712
Ion Ratio Lower Upper
43 100
58 52.9 26.3 78.9

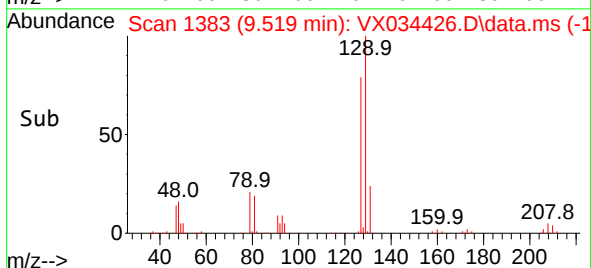
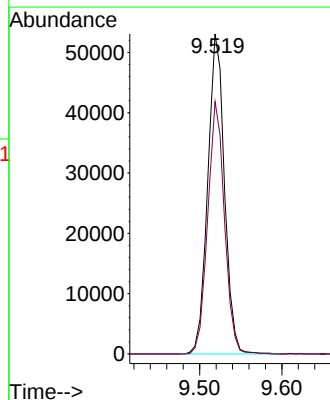
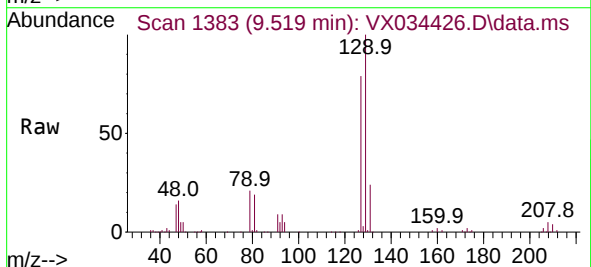
Manual Integrations
APPROVED

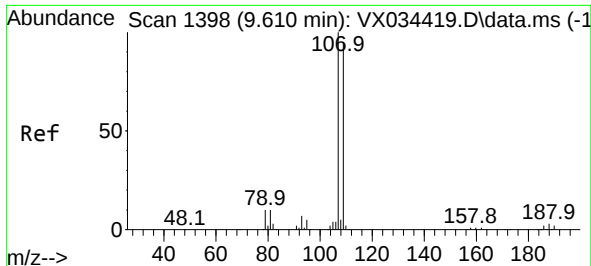
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#60
Dibromochloromethane
Concen: 20.750 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

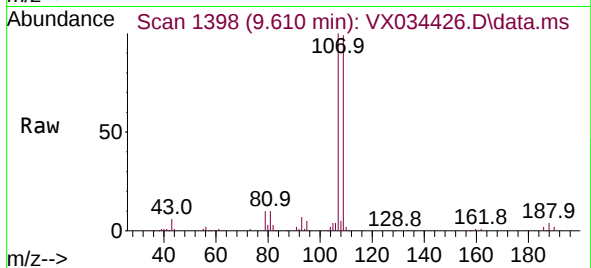
Tgt Ion:129 Resp: 74829
Ion Ratio Lower Upper
129 100
127 78.9 39.0 117.0





#61
1,2-Dibromoethane
Concen: 20.570 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

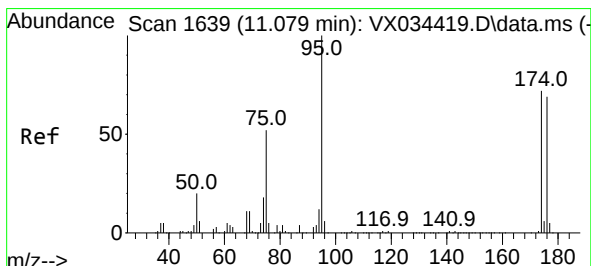
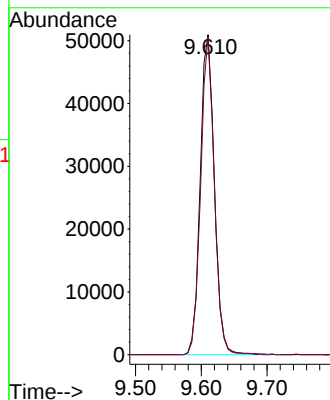
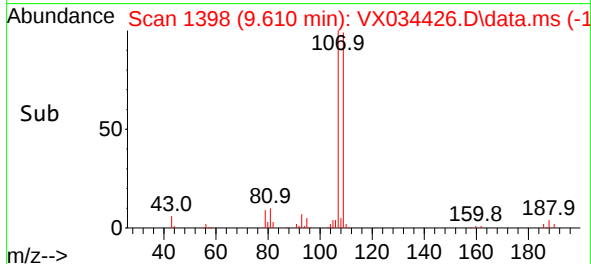
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01



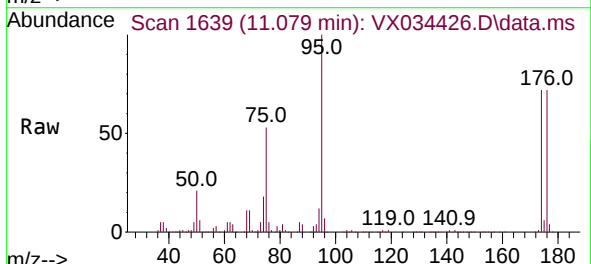
Tgt Ion:107 Resp: 7632
Ion Ratio Lower Upper
107 100
109 95.1 75.3 112.9

Manual Integrations
APPROVED

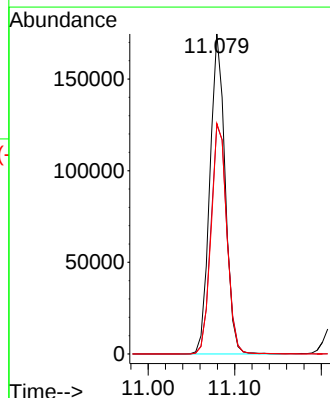
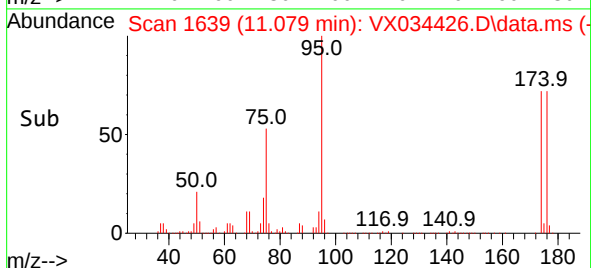
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

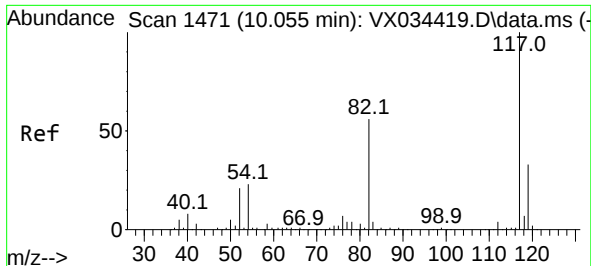


#62
4-Bromofluorobenzene
Concen: 45.411 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40



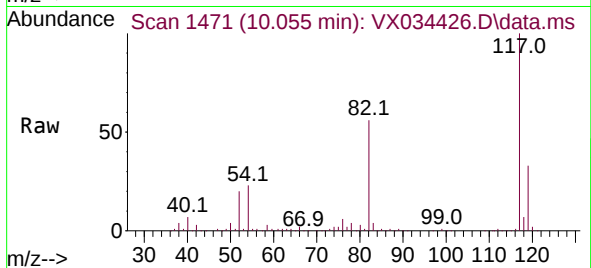
Tgt Ion: 95 Resp: 213264
Ion Ratio Lower Upper
95 100
174 74.9 0.0 147.4
176 74.1 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

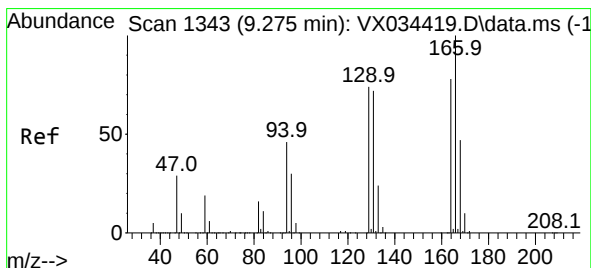
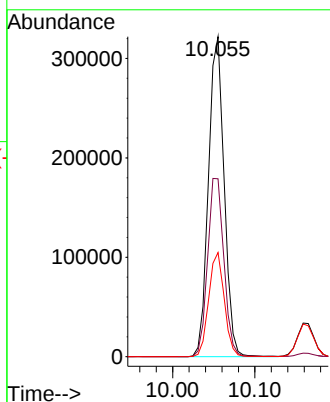
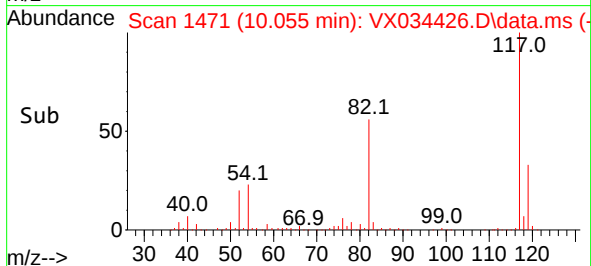
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01



Tgt Ion:117 Resp: 426509
Ion Ratio Lower Upper
117 100
82 55.6 45.0 67.4
119 32.6 26.0 39.0

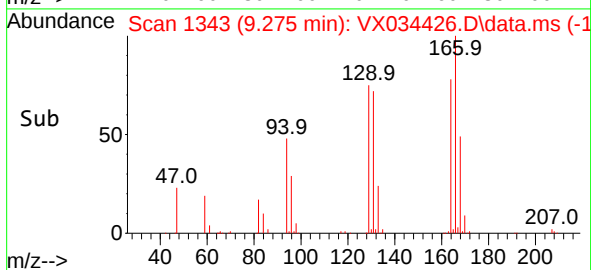
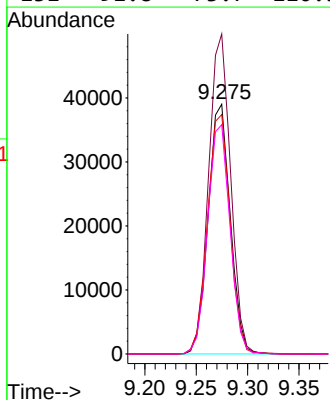
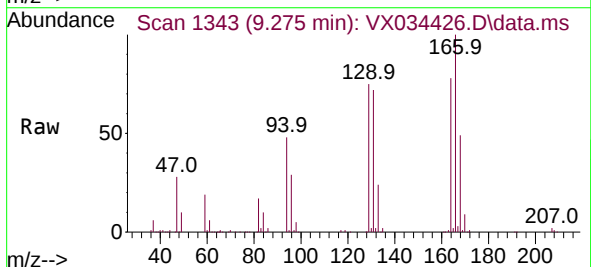
Manual Integrations
APPROVED

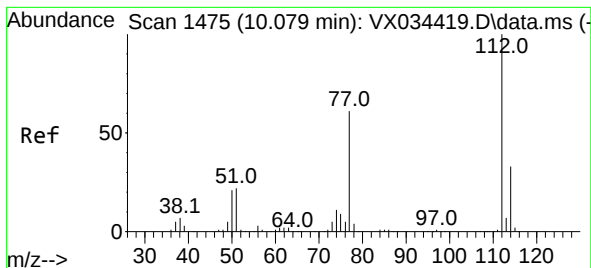
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#64
Tetrachloroethene
Concen: 20.345 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

Tgt Ion:164 Resp: 58289
Ion Ratio Lower Upper
164 100
166 128.1 102.7 154.1
129 95.8 75.6 113.4
131 91.8 73.7 110.5





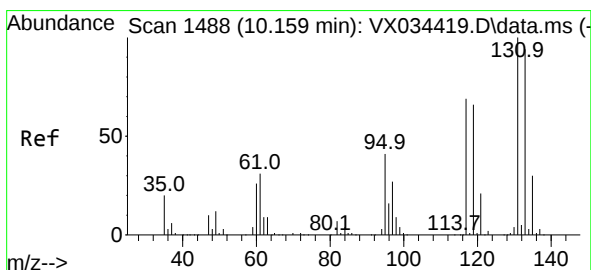
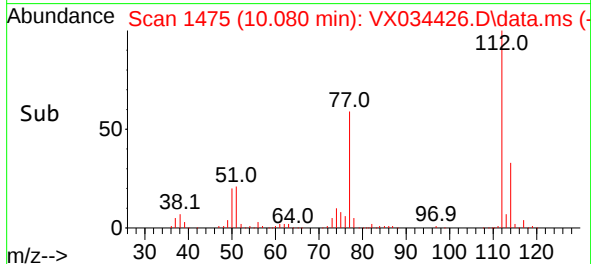
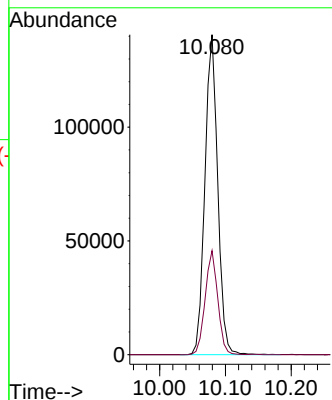
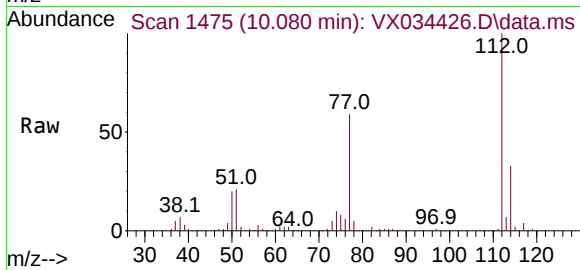
#65
Chlorobenzene
Concen: 20.357 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

Tgt Ion:112 Resp: 190500
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.2

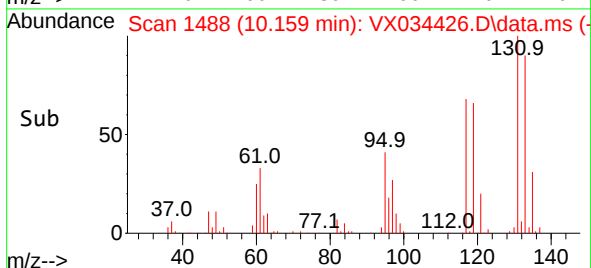
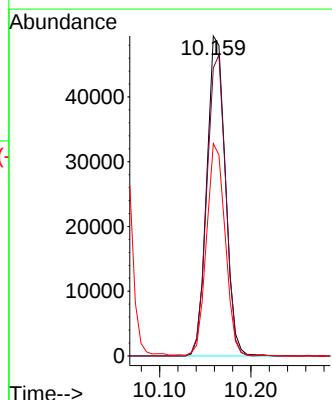
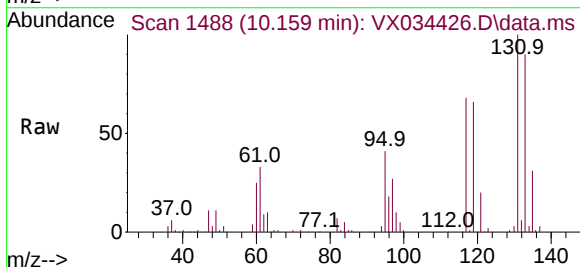
Manual Integrations
APPROVED

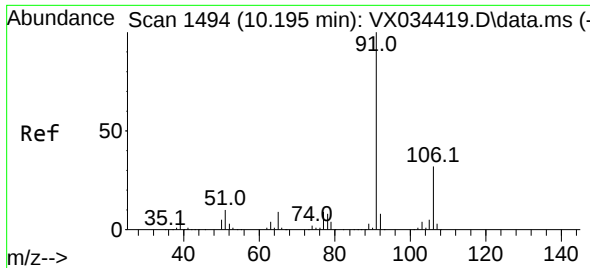
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.428 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

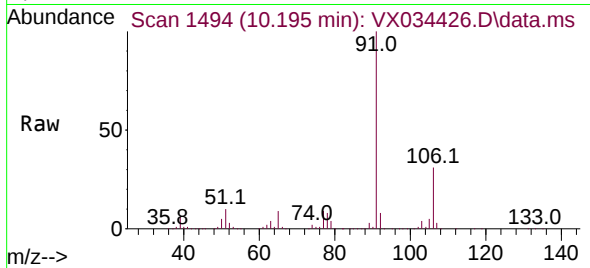
Tgt Ion:131 Resp: 69625
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.4
119 67.1 32.6 98.0





#67
Ethyl Benzene
Concen: 20.373 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

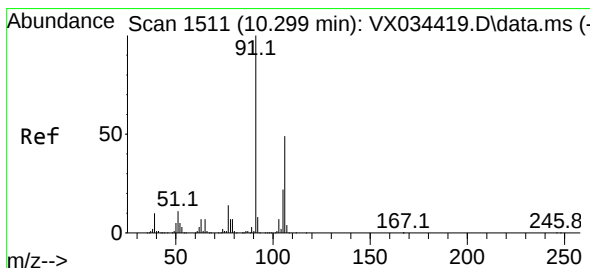
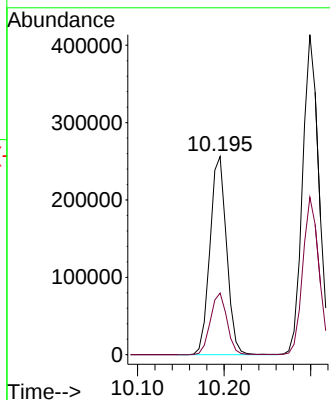
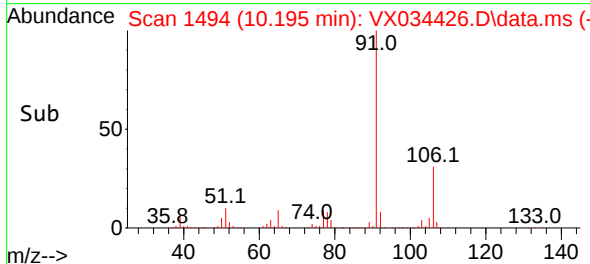
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01



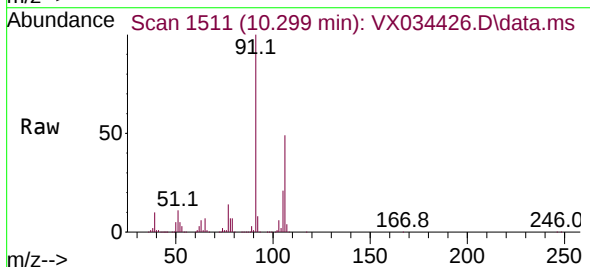
Tgt Ion: 91 Resp: 341312
Ion Ratio Lower Upper
91 100
106 31.1 25.6 38.4

Manual Integrations
APPROVED

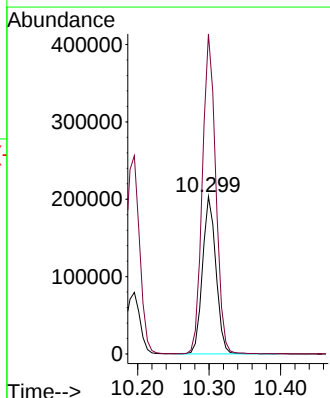
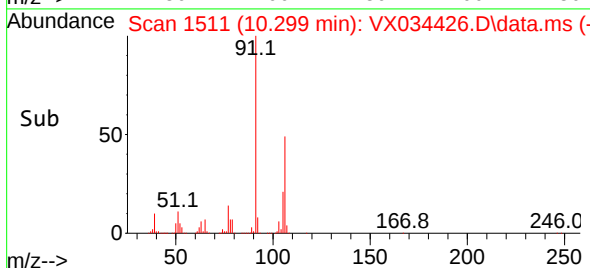
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

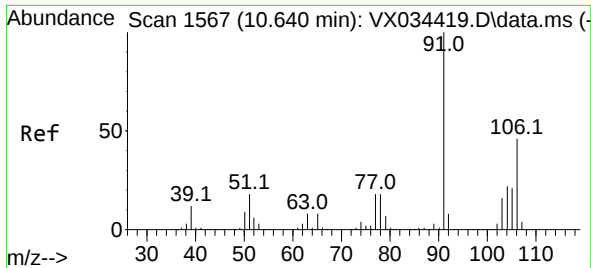


#68
m/p-Xylenes
Concen: 41.232 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40



Tgt Ion:106 Resp: 265346
Ion Ratio Lower Upper
106 100
91 202.8 164.0 246.0





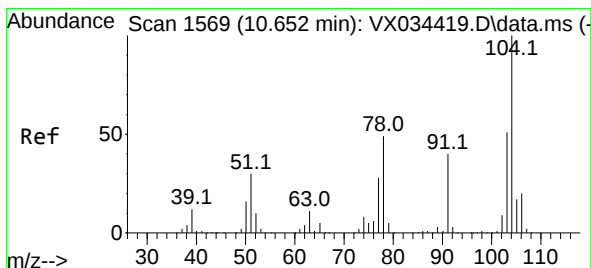
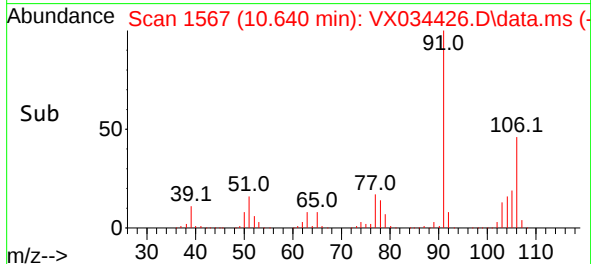
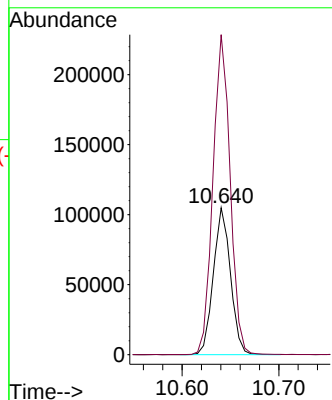
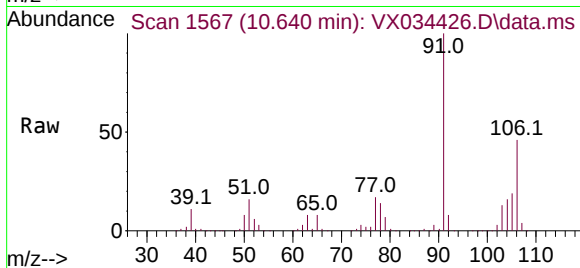
#69
o-Xylene
Concen: 20.019 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

Tgt Ion:106 Resp: 129285
Ion Ratio Lower Upper
106 100
91 218.6 108.5 325.3

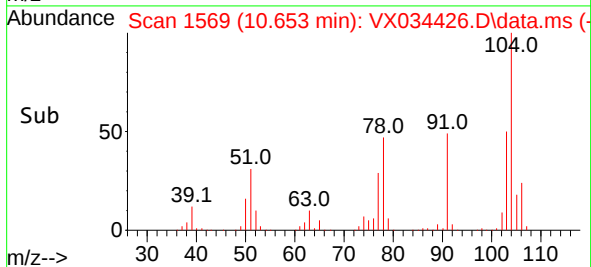
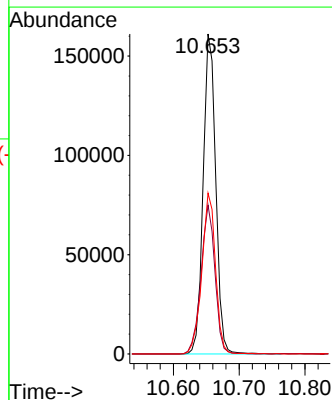
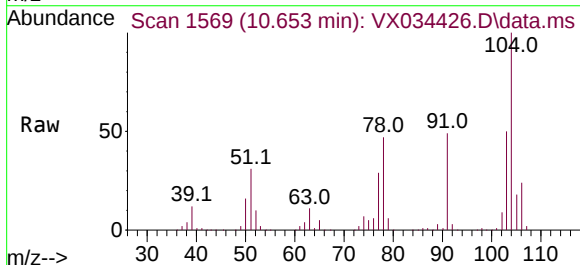
Manual Integrations
APPROVED

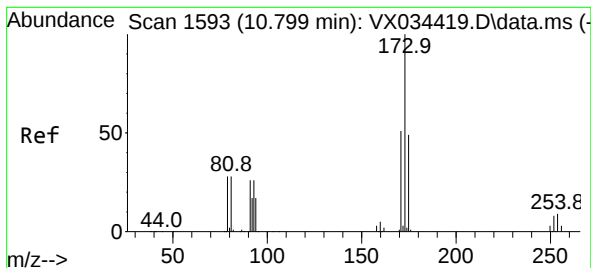
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#70
Styrene
Concen: 20.591 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

Tgt Ion:104 Resp: 214553
Ion Ratio Lower Upper
104 100
78 51.5 43.4 65.2
103 54.7 44.2 66.2





#71

Bromoform

Concen: 20.322 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034426.D

Acq: 13 Mar 2023 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

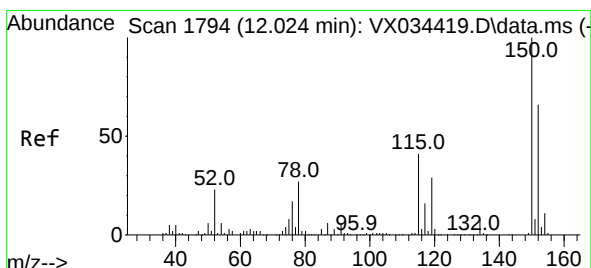
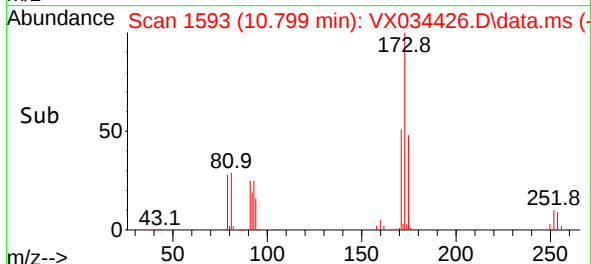
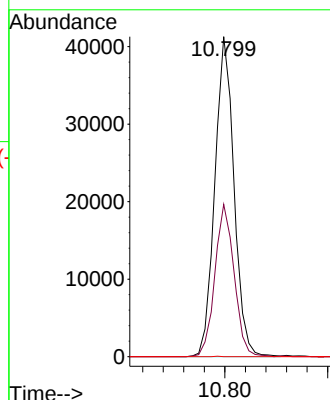
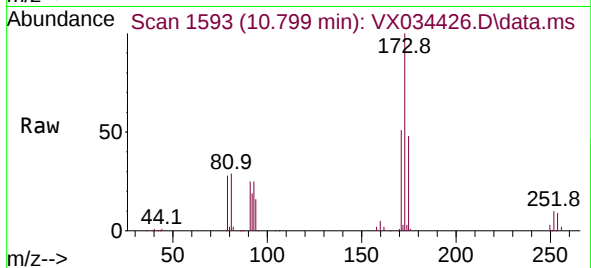
Tgt Ion:	173	Resp:	5331
Ion Ratio	Lower	Upper	
173	100		
175	47.8	24.1	72.4
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

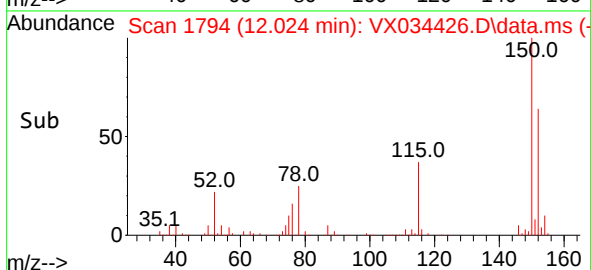
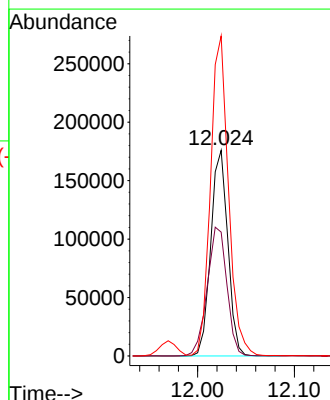
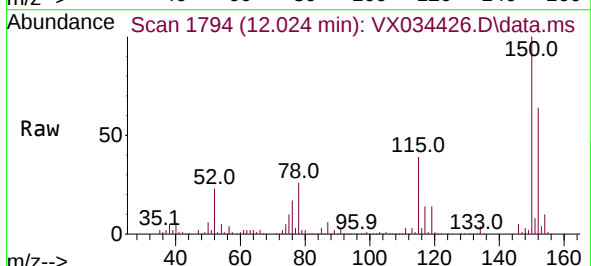
RT: 12.024 min Scan# 1794

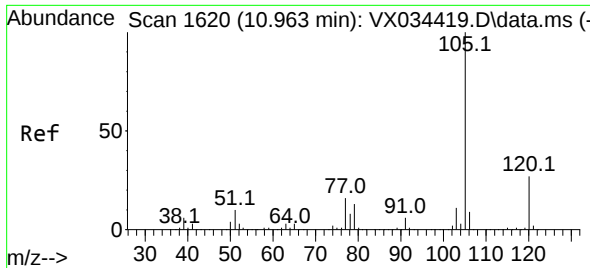
Delta R.T. 0.000 min

Lab File: VX034426.D

Acq: 13 Mar 2023 12:40

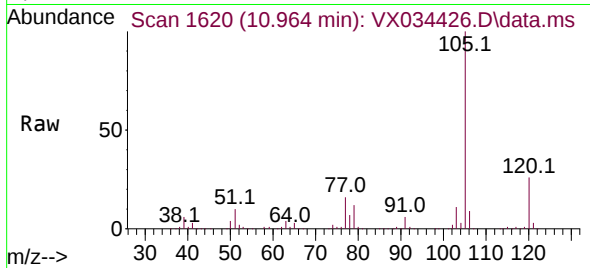
Tgt Ion:	152	Resp:	215634
Ion Ratio	Lower	Upper	
152	100		
115	72.4	45.0	135.0
150	164.6	0.0	352.4





#73
Isopropylbenzene
Concen: 20.581 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

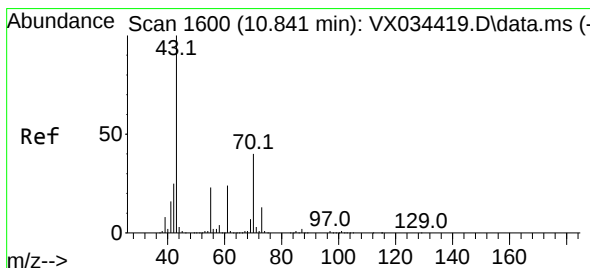
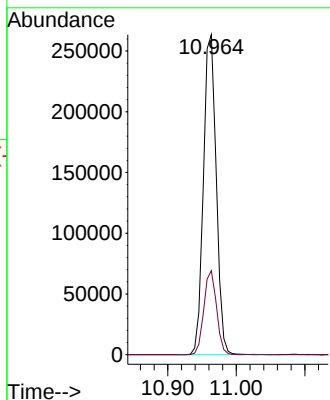
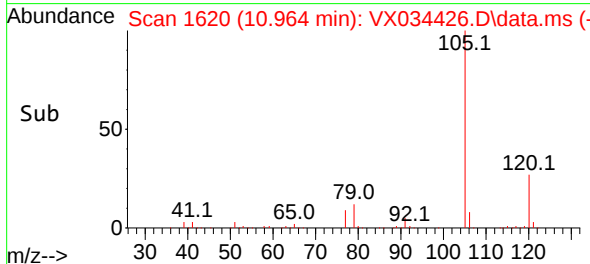
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01



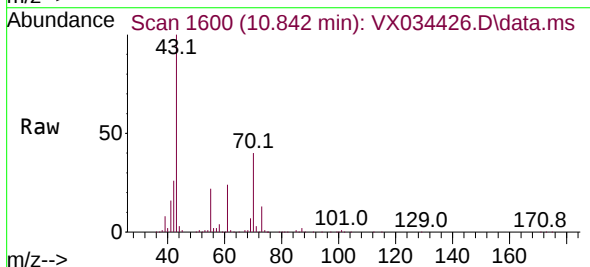
Tgt Ion:105 Resp: 342990
Ion Ratio Lower Upper
105 100
120 26.0 13.3 39.9

Manual Integrations
APPROVED

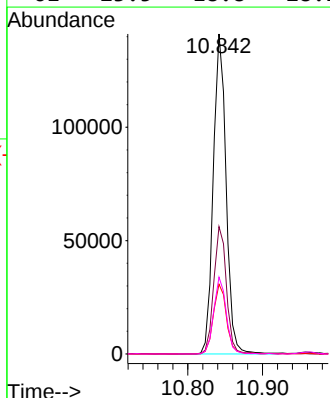
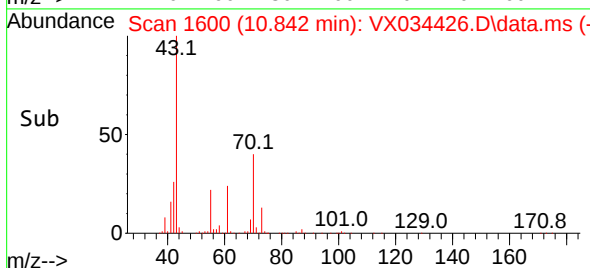
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

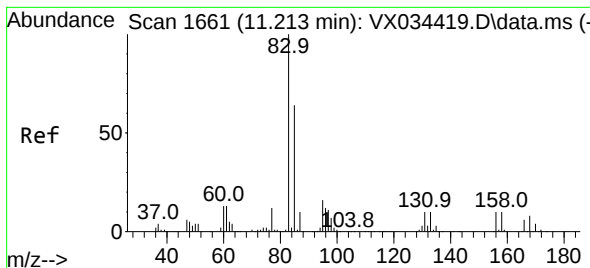


#74
N-ethyl acetate
Concen: 21.147 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40



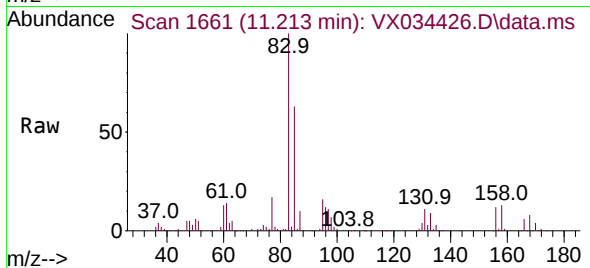
Tgt Ion: 43 Resp: 168807
Ion Ratio Lower Upper
43 100
70 39.5 32.1 48.1
55 22.4 18.3 27.5
61 23.5 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 21.207 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

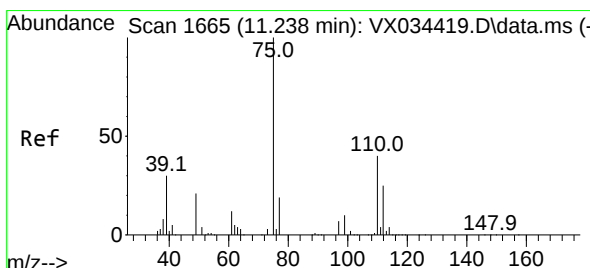
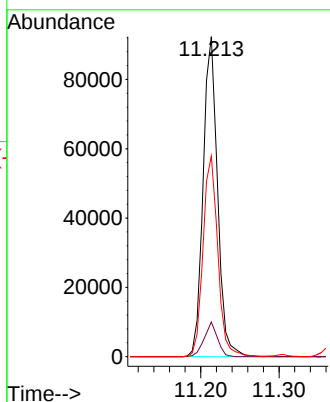
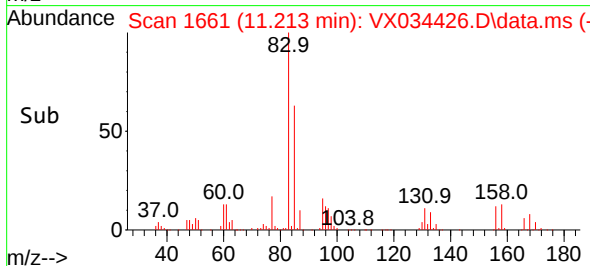
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01



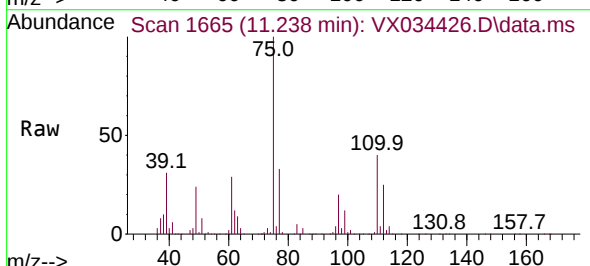
Tgt Ion: 83 Resp: 11794
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.3
85 64.1 32.0 96.0

Manual Integrations
APPROVED

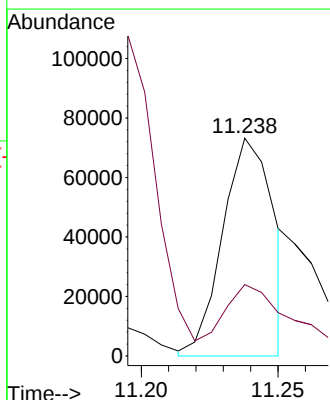
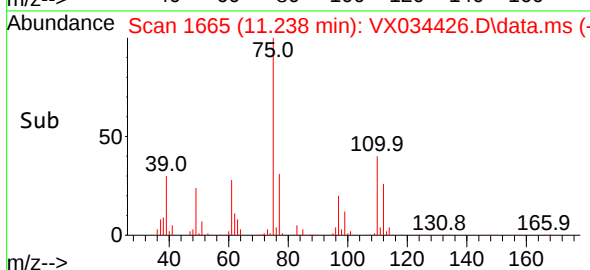
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

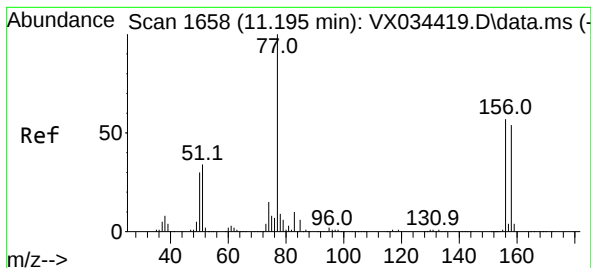


#76
1,2,3-Trichloropropane
Concen: 19.132 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40



Tgt Ion: 75 Resp: 94728
Ion Ratio Lower Upper
75 100
77 44.8 21.6 64.8





#77

Bromobenzene

Concen: 20.127 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034426.D

Acq: 13 Mar 2023 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

Tgt Ion:156 Resp: 80478

Ion Ratio Lower Upper

156 100

77 170.9 86.7 259.9

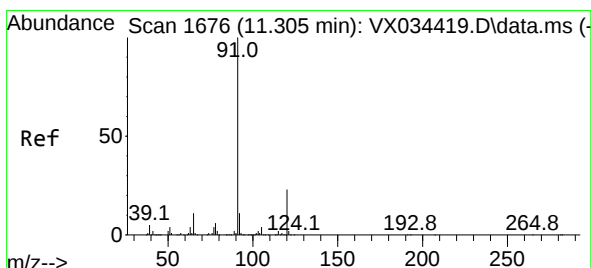
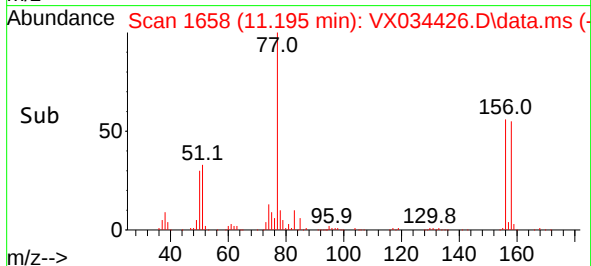
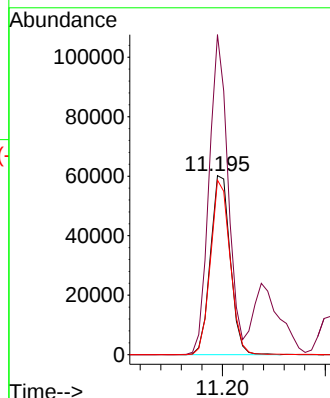
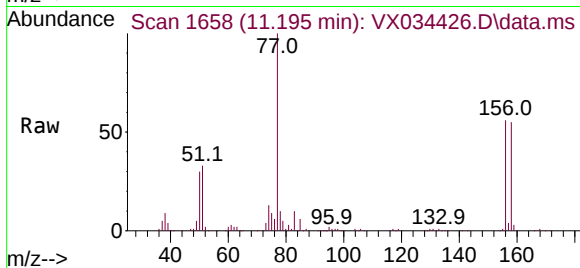
158 96.7 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#78

n-propylbenzene

Concen: 21.144 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX034426.D

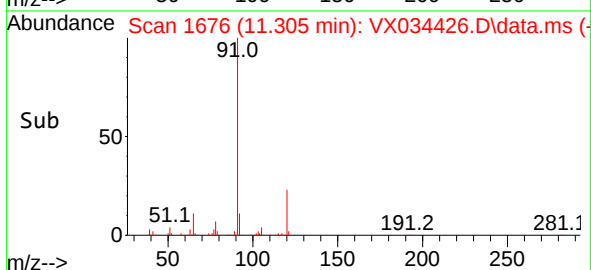
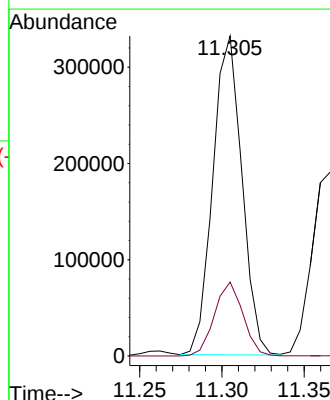
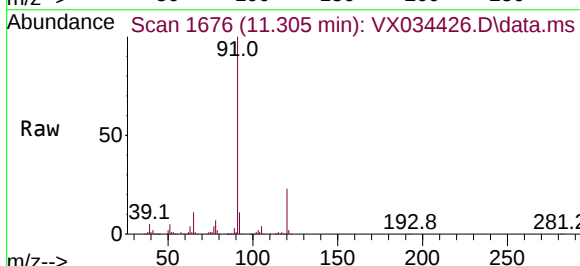
Acq: 13 Mar 2023 12:40

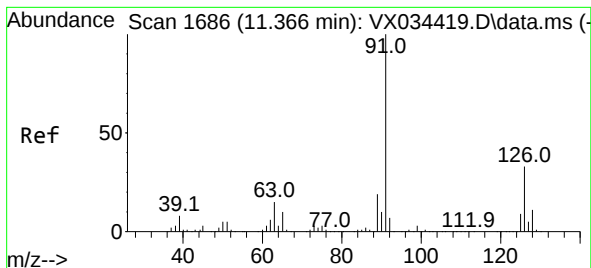
Tgt Ion: 91 Resp: 406962

Ion Ratio Lower Upper

91 100

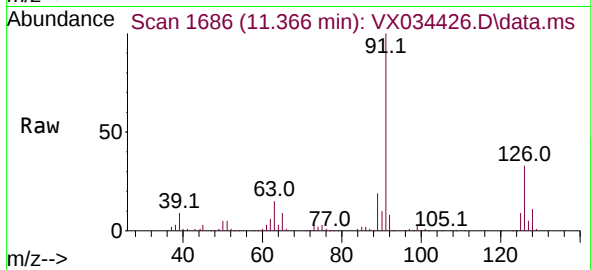
120 22.7 11.5 34.5





#79
2-Chlorotoluene
Concen: 20.395 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

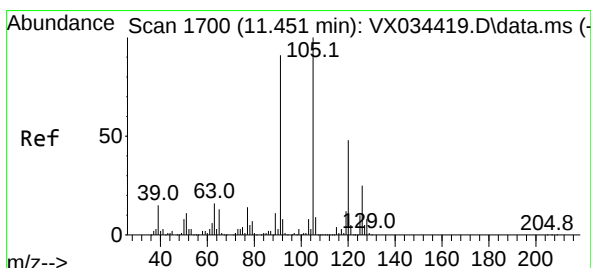
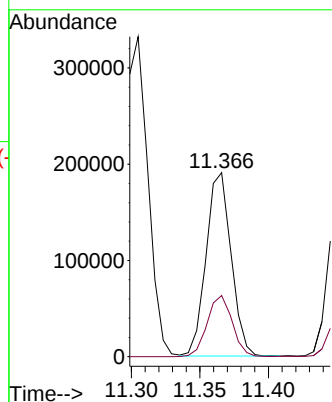
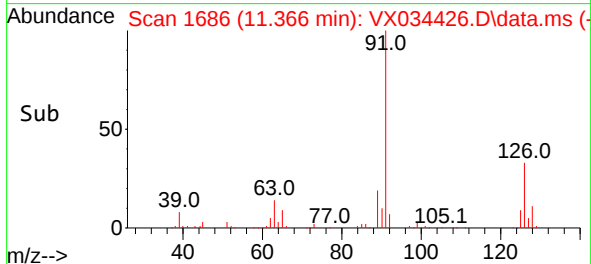
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01



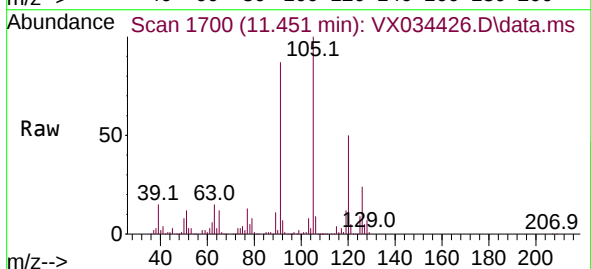
Tgt Ion: 91 Resp: 24244
Ion Ratio Lower Upper
91 100
126 33.3 16.3 48.9

Manual Integrations
APPROVED

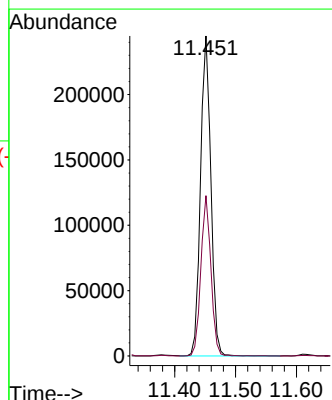
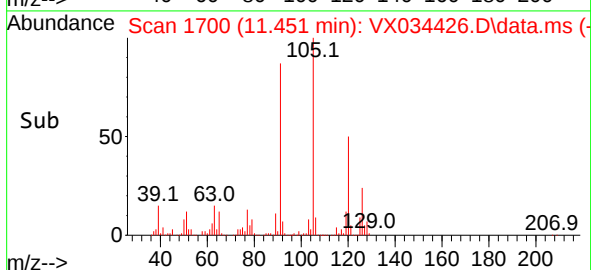
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

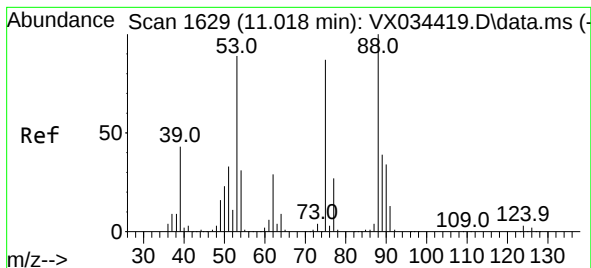


#80
1,3,5-Trimethylbenzene
Concen: 20.697 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40



Tgt Ion:105 Resp: 289316
Ion Ratio Lower Upper
105 100
120 48.6 23.7 71.1





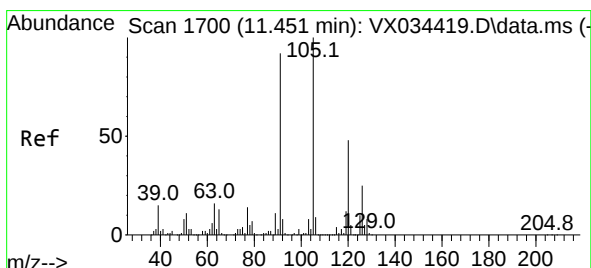
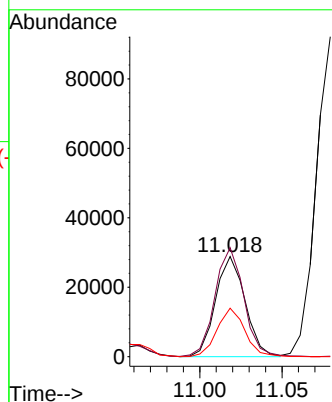
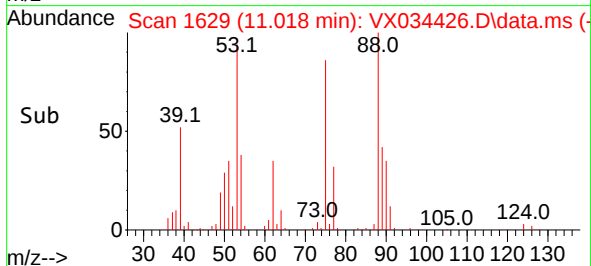
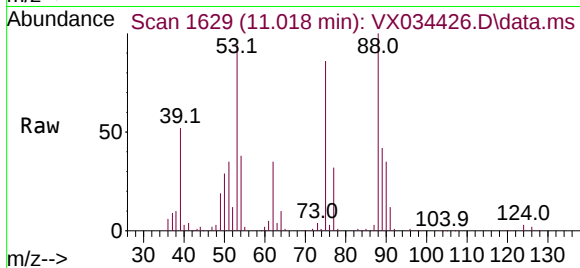
#81
trans-1,4-Dichloro-2-butene
Concen: 19.693 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

Tgt Ion: 75 Resp: 3604
Ion Ratio Lower Upper
75 100
53 106.0 82.6 124.0
89 45.7 36.9 55.3

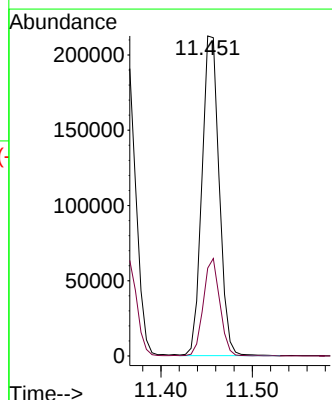
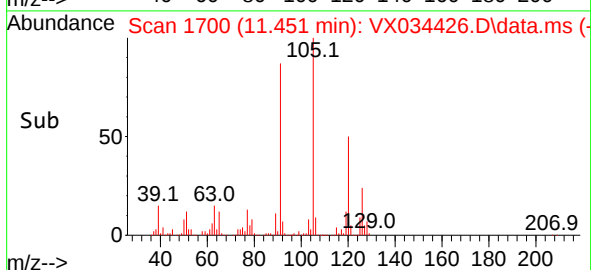
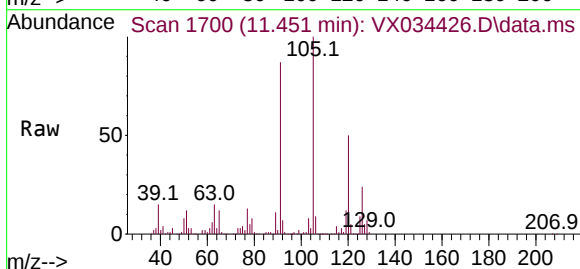
Manual Integrations
APPROVED

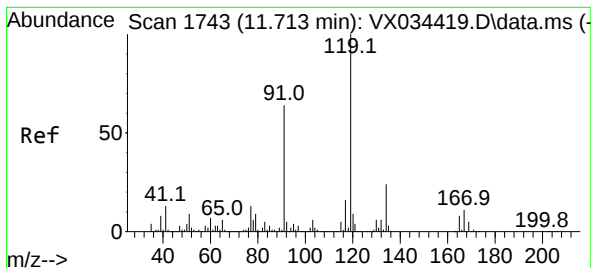
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#82
4-Chlorotoluene
Concen: 20.331 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

Tgt Ion: 91 Resp: 278370
Ion Ratio Lower Upper
91 100
126 29.4 14.2 42.6





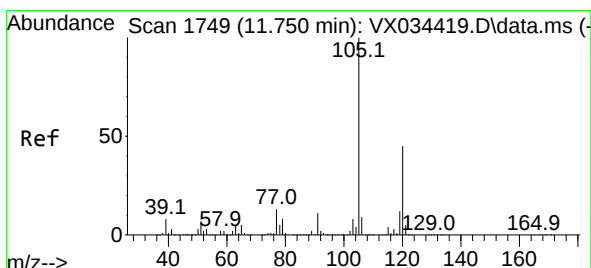
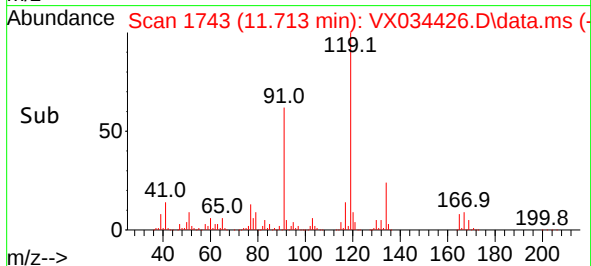
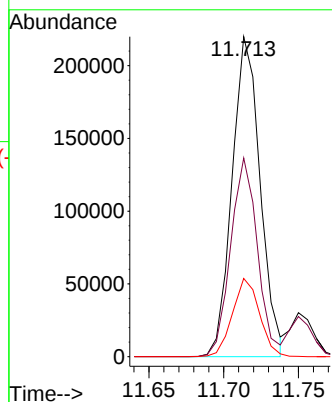
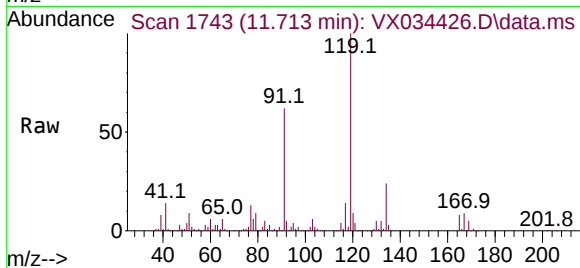
#83
tert-Butylbenzene
Concen: 20.372 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

Tgt Ion:119 Resp: 287130
Ion Ratio Lower Upper
119 100
91 59.3 30.6 92.0
134 23.6 11.8 35.4

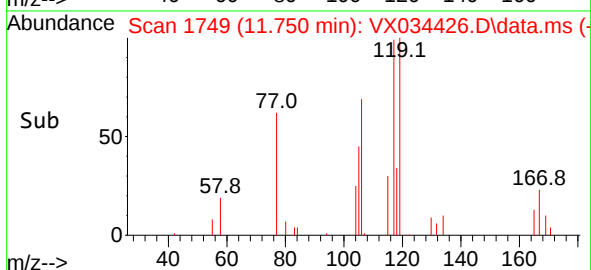
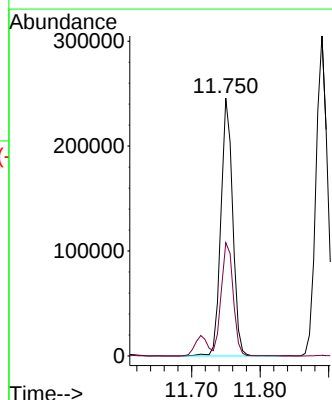
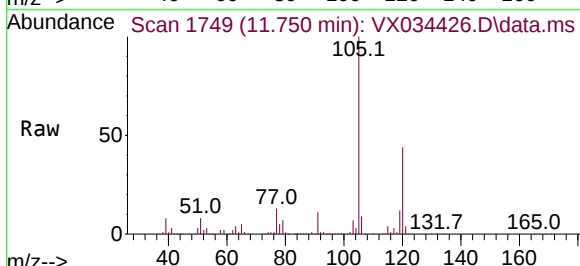
Manual Integrations
APPROVED

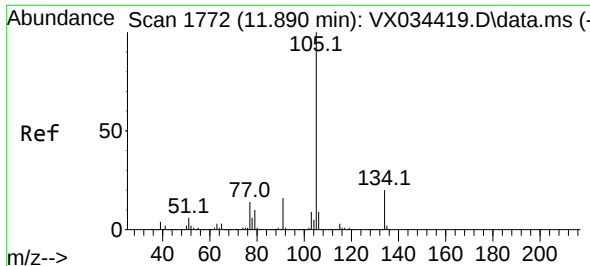
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.399 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

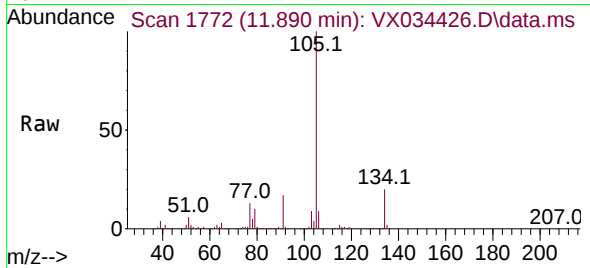
Tgt Ion:105 Resp: 291432
Ion Ratio Lower Upper
105 100
120 44.3 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 20.909 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034426.D
 Acq: 13 Mar 2023 12:40

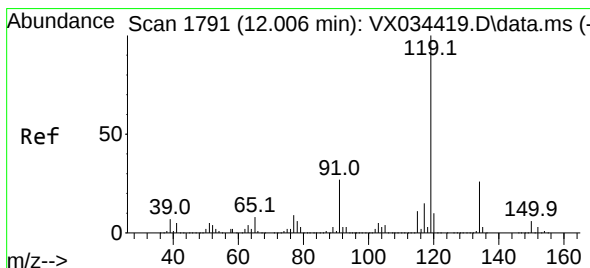
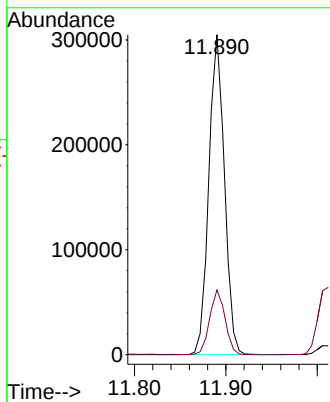
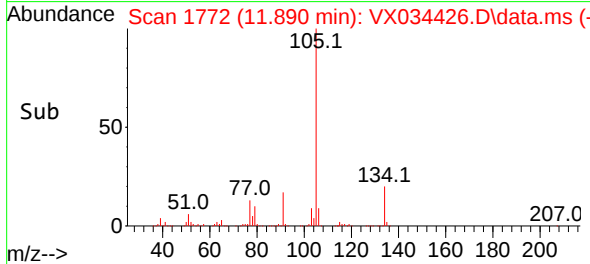
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD01



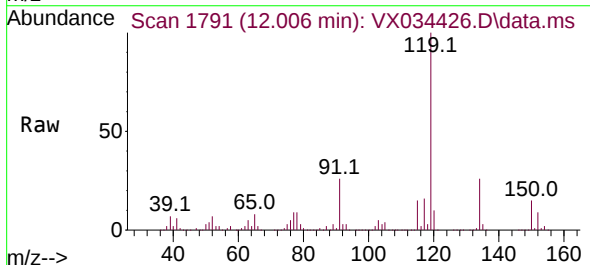
Tgt Ion:105 Resp: 360270
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.4

Manual Integrations
 APPROVED

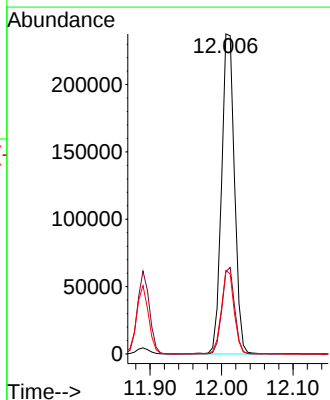
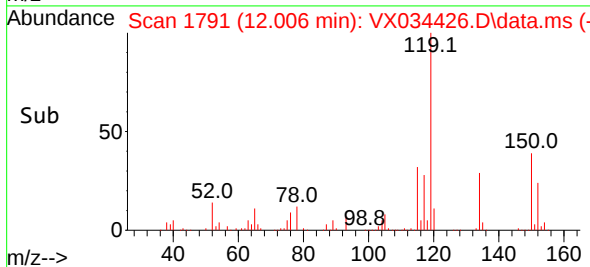
Reviewed By :John Carlone 03/14/2023
 Supervised By :Mahesh Dadoda 03/15/2023

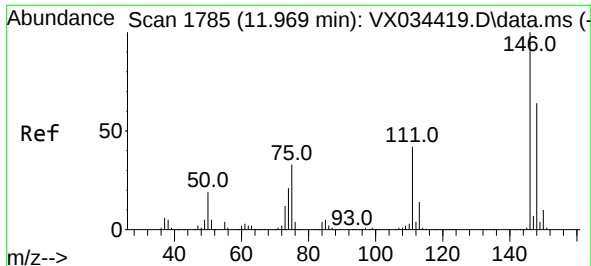


#86
 p-Isopropyltoluene
 Concen: 20.632 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034426.D
 Acq: 13 Mar 2023 12:40



Tgt Ion:119 Resp: 298783
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 25.6 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 20.394 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034426.D

Acq: 13 Mar 2023 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

Tgt Ion:146 Resp: 159779

Ion Ratio Lower Upper

146 100

111 39.9 20.9 62.8

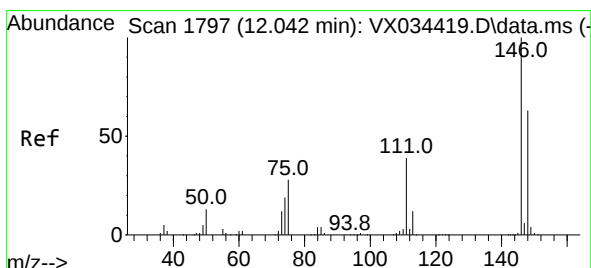
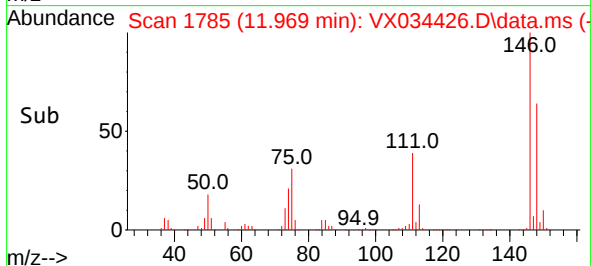
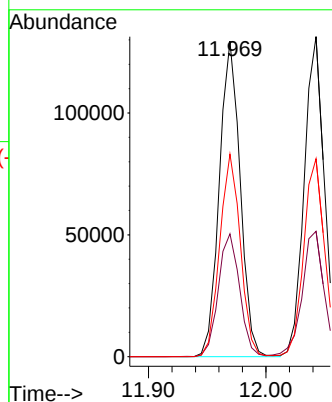
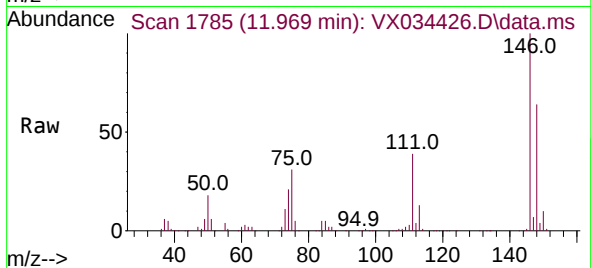
148 63.7 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#88

1,4-Dichlorobenzene

Concen: 19.867 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034426.D

Acq: 13 Mar 2023 12:40

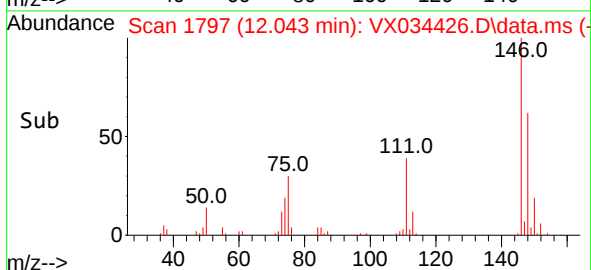
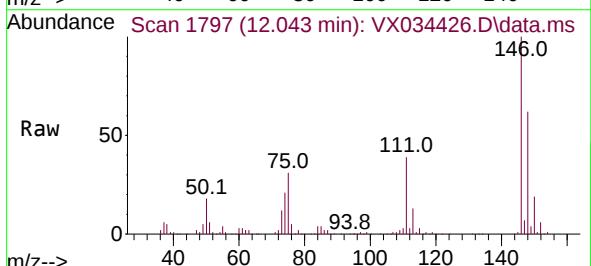
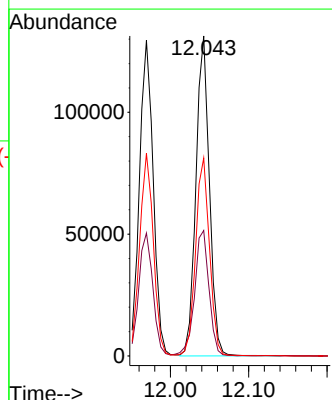
Tgt Ion:146 Resp: 157385

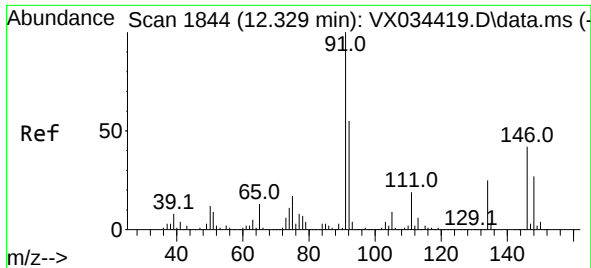
Ion Ratio Lower Upper

146 100

111 41.9 20.6 61.9

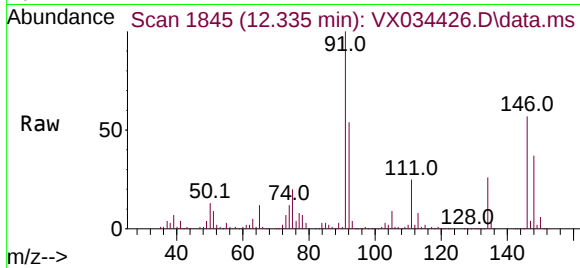
148 63.7 31.8 95.4





#89
n-Butylbenzene
Concen: 20.891 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

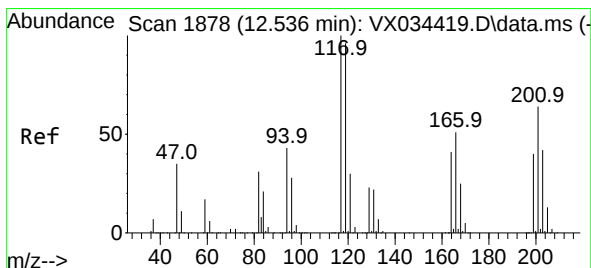
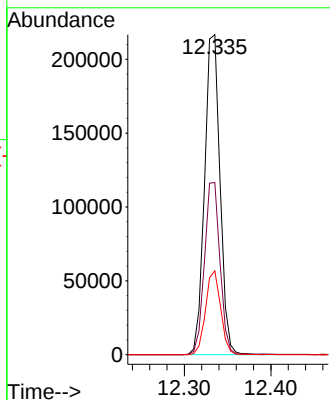
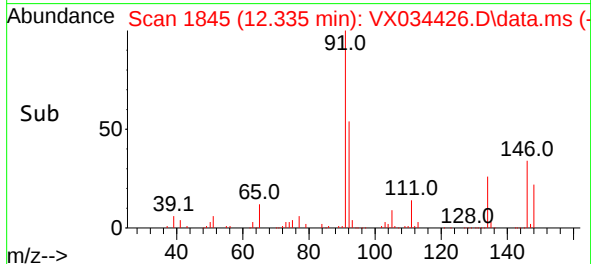
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01



Tgt Ion: 91 Resp: 268950
Ion Ratio Lower Upper
91 100
92 54.0 27.7 83.0
134 25.6 13.0 38.9

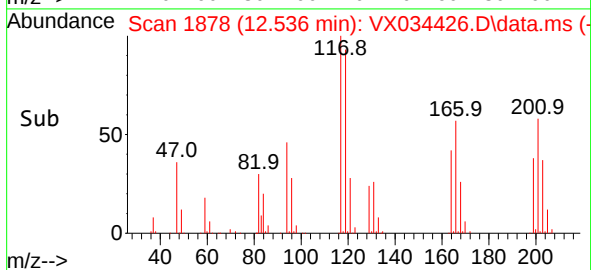
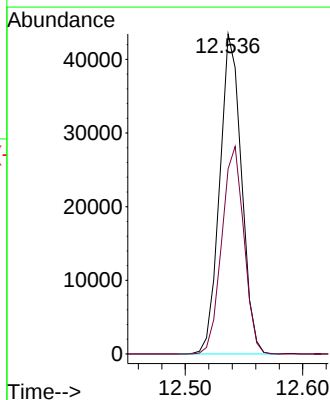
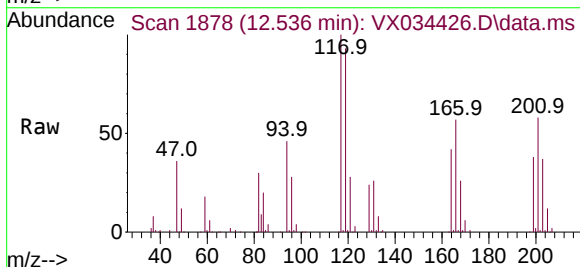
Manual Integrations
APPROVED

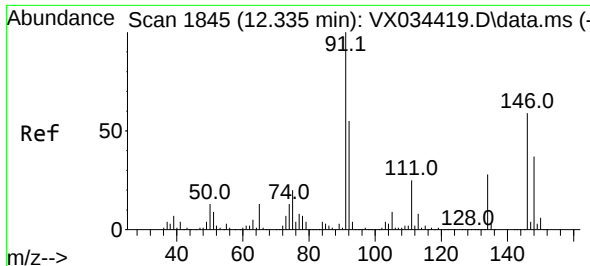
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#90
Hexachloroethane
Concen: 20.877 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

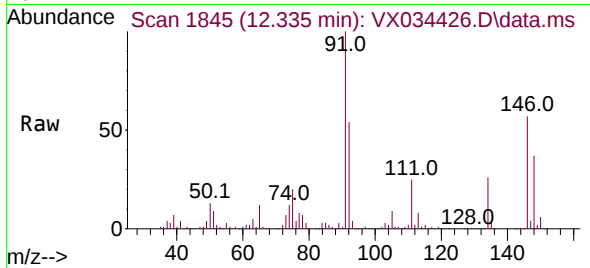
Tgt Ion:117 Resp: 55941
Ion Ratio Lower Upper
117 100
201 66.0 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 20.451 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

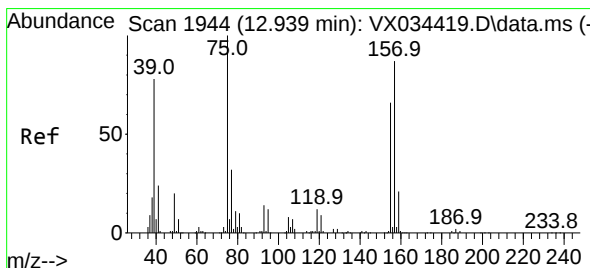
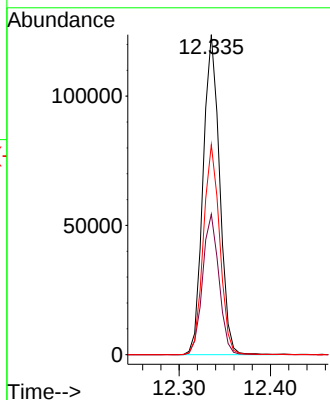
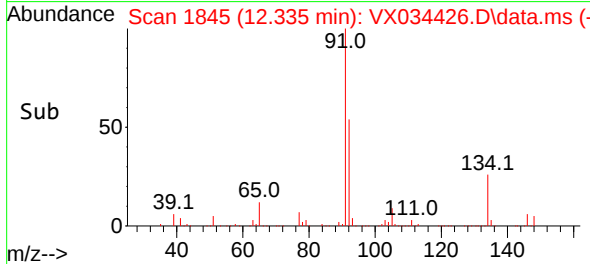
Instrument :
MSVOA_X
Client Sample Id :
VX0313WBSD01



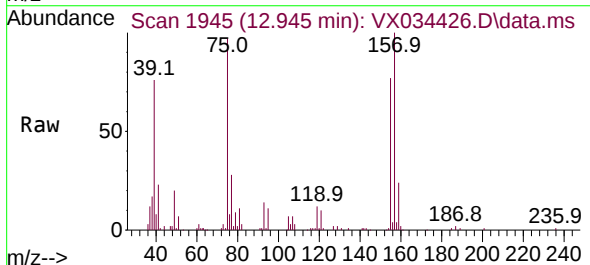
Tgt Ion: 146 Resp: 154838
Ion Ratio Lower Upper
146 100
111 43.3 22.0 66.0
148 64.9 32.0 96.0

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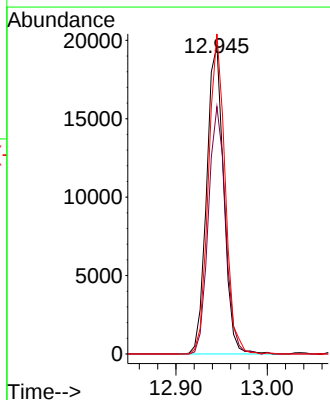
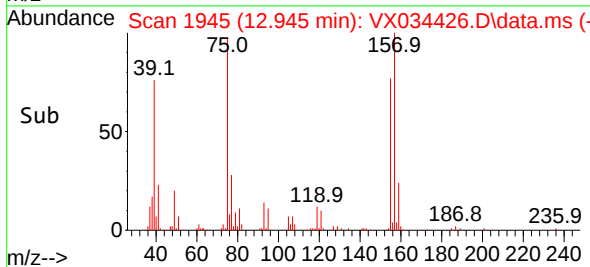
Reviewed By : John Carlone 03/14/2023
Supervised By : Mahesh Dadoda 03/15/2023

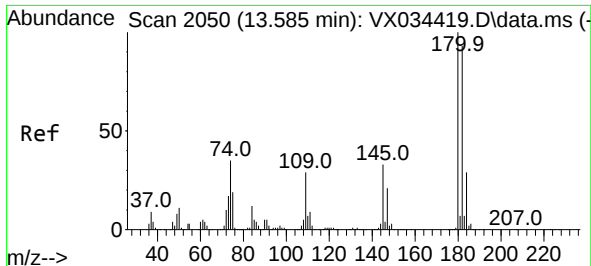


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.132 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40



Tgt Ion: 75 Resp: 25438
Ion Ratio Lower Upper
75 100
155 80.8 38.4 115.1
157 101.0 49.9 149.7





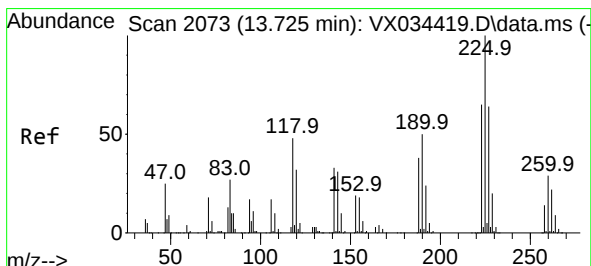
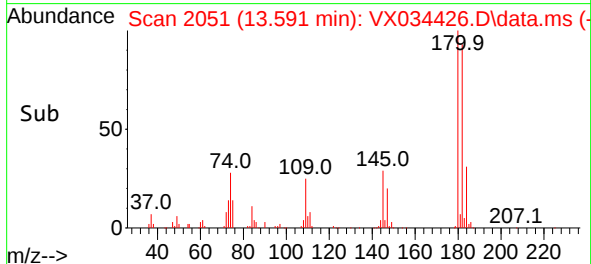
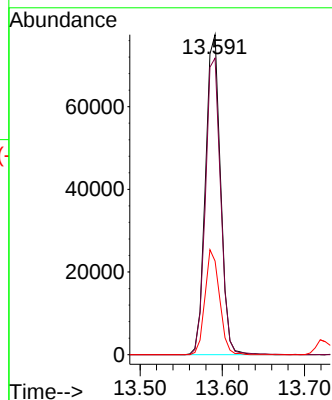
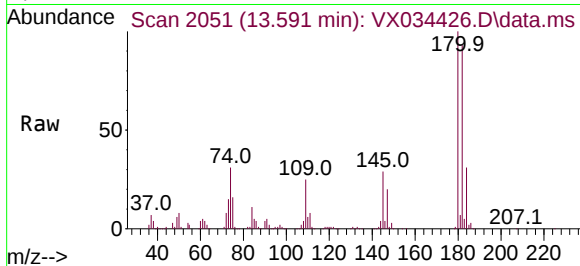
#93
1,2,4-Trichlorobenzene
Concen: 20.782 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

Tgt Ion:180 Resp: 9839
Ion Ratio Lower Upper
180 100
182 93.8 47.0 141.0
145 31.7 15.9 47.7

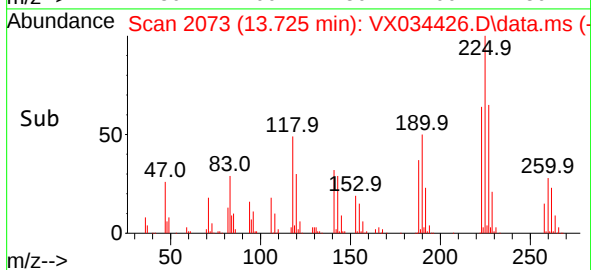
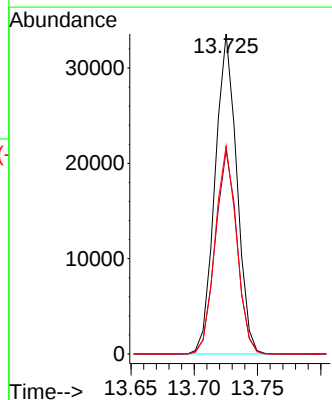
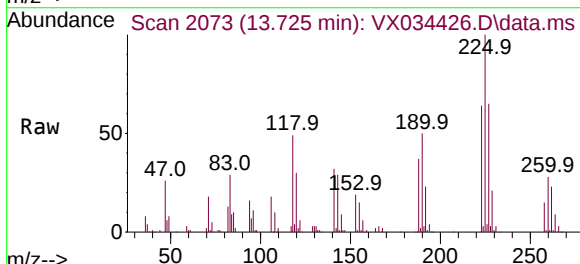
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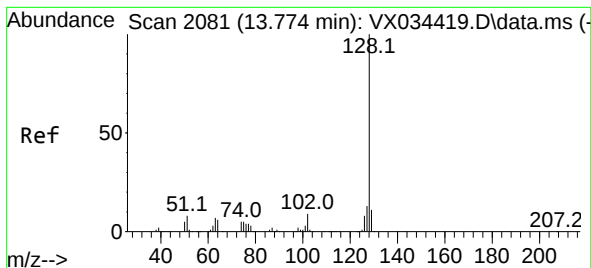
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#94
Hexachlorobutadiene
Concen: 20.988 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

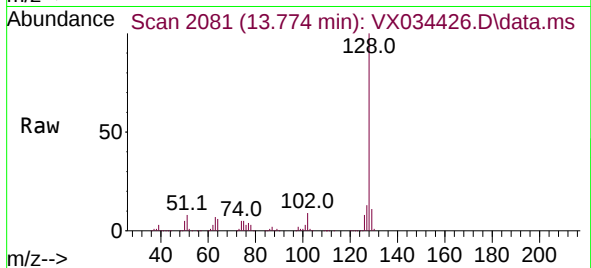
Tgt Ion:225 Resp: 40034
Ion Ratio Lower Upper
225 100
223 63.6 32.1 96.5
227 64.1 31.8 95.4





#95
Naphthalene
Concen: 21.060 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

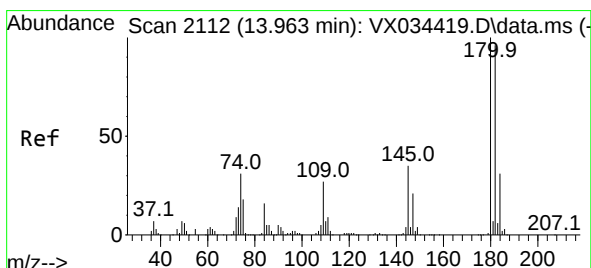
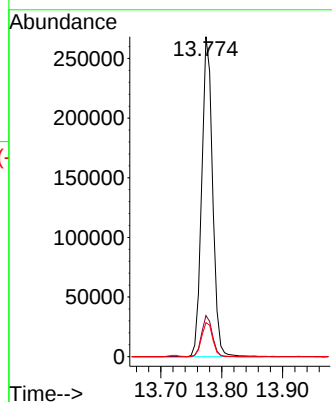
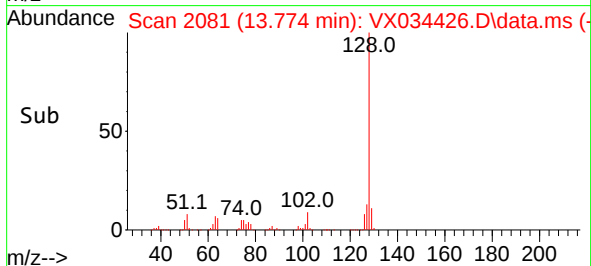
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01



Tgt Ion:128 Resp: 334364
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#96
1,2,3-Trichlorobenzene
Concen: 21.363 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034426.D
Acq: 13 Mar 2023 12:40

Tgt Ion:180 Resp: 98871
Ion Ratio Lower Upper
180 100
182 94.4 48.0 144.2
145 34.1 17.7 53.1

