

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034453.D
 Acq On : 14 Mar 2023 10:37
 Operator : JC/MD
 Sample : VX0314WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Mar 15 06:36:05 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	5.544	168	291412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	487949	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	449689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	227669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	187305	44.181	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.360%		
35) Dibromofluoromethane	5.379	113	146836	45.578	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.160%		
50) Toluene-d8	8.647	98	547938	45.560	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.120%#		
62) 4-Bromofluorobenzene	11.079	95	216293	44.524	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	47529	17.495	ug/l	95
3) Chloromethane	1.307	50	69302	15.946	ug/l	100
4) Vinyl Chloride	1.374	62	62837	16.987	ug/l	99
5) Bromomethane	1.599	94	42867	22.968	ug/l	95
6) Chloroethane	1.685	64	40086	18.821	ug/l	96
7) Trichlorofluoromethane	1.886	101	100452	18.072	ug/l	96
8) Diethyl Ether	2.130	74	40725	20.071	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	57591	17.779	ug/l	99
10) Methyl Iodide	2.453	142	79409	18.672	ug/l	98
11) Tert butyl alcohol	2.953	59	83298	94.353	ug/l	99
12) 1,1-Dichloroethene	2.319	96	53670	16.823	ug/l	97
13) Acrolein	2.233	56	67898	97.218	ug/l	99
14) Allyl chloride	2.660	41	109797	16.976	ug/l	99
15) Acrylonitrile	3.062	53	183176	96.050	ug/l	99
16) Acetone	2.374	43	179955	90.113	ug/l	100
17) Carbon Disulfide	2.508	76	138472	15.424	ug/l	99
18) Methyl Acetate	2.703	43	124016	19.006	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	213650	18.705	ug/l	99
20) Methylene Chloride	2.788	84	68755	17.740	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	61254	18.080	ug/l	95
22) Diisopropyl ether	3.757	45	235884	19.129	ug/l	95
23) Vinyl Acetate	3.721	43	915888	97.592	ug/l	98
24) 1,1-Dichloroethane	3.611	63	117566	17.736	ug/l	99
25) 2-Butanone	4.550	43	269913	94.460	ug/l	98
26) 2,2-Dichloropropane	4.471	77	97782	16.970	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	74511	18.269	ug/l	97
28) Bromochloromethane	4.898	49	59172	19.198	ug/l	100
29) Tetrahydrofuran	5.001	42	170693	96.809	ug/l	100
30) Chloroform	5.093	83	120396	18.529	ug/l	100
31) Cyclohexane	5.464	56	104989	17.658	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	100108	17.403	ug/l	99
36) 1,1-Dichloropropene	5.690	75	86017	17.383	ug/l	98
37) Ethyl Acetate	4.709	43	102244	18.914	ug/l	98
38) Carbon Tetrachloride	5.672	117	84775	17.221	ug/l	99
39) Methylcyclohexane	7.379	83	105217	17.768	ug/l	96
40) Benzene	6.038	78	265856	18.366	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	59137	19.961	ug/l	98
42) 1,2-Dichloroethane	6.086	62	102156	19.202	ug/l	99
43) Isopropyl Acetate	6.336	43	173679	18.965	ug/l	99
44) Trichloroethene	7.123	130	65144	17.320	ug/l	94
45) 1,2-Dichloropropane	7.428	63	71709	18.972	ug/l	98
46) Dibromomethane	7.580	93	48885	19.024	ug/l	98
47) Bromodichloromethane	7.818	83	92166	18.533	ug/l	98
48) Methyl methacrylate	7.690	41	84241	19.126	ug/l	100
49) 1,4-Dioxane	7.659	88	38718	418.526	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	537465	101.168	ug/l	99
52) Toluene	8.714	92	165321	18.447	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	103920	18.548	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	111636	18.417	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	70575	19.843	ug/l	97
56) Ethyl methacrylate	9.116	69	111333	19.065	ug/l	99
57) 1,3-Dichloropropane	9.305	76	122487	19.377	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	290423	96.501	ug/l	99
59) 2-Hexanone	9.427	43	407373	99.197	ug/l	99
60) Dibromochloromethane	9.519	129	70317	18.851	ug/l	100
61) 1,2-Dibromoethane	9.610	107	73069	19.038	ug/l	99
64) Tetrachloroethene	9.275	164	53078	17.571	ug/l	98
65) Chlorobenzene	10.080	112	177785	18.019	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	66889	18.614	ug/l	98
67) Ethyl Benzene	10.195	91	318140	18.011	ug/l	100
68) m/p-Xylenes	10.299	106	242607	35.755	ug/l	99
69) o-Xylene	10.640	106	122724	18.023	ug/l	99
70) Styrene	10.653	104	200974	18.294	ug/l	98
71) Bromoform	10.799	173	50600	18.293	ug/l #	98
73) Isopropylbenzene	10.964	105	315980	17.957	ug/l	99
74) N-amyl acetate	10.842	43	158925	18.857	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	114129	19.437	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	93344m	17.856	ug/l	
77) Bromobenzene	11.195	156	77878	18.447	ug/l	96
78) n-propylbenzene	11.305	91	369980	18.206	ug/l	100
79) 2-Chlorotoluene	11.366	91	226446	18.043	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	268649	18.202	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	32737	16.942	ug/l	97
82) 4-Chlorotoluene	11.457	91	264031	18.264	ug/l	98
83) tert-Butylbenzene	11.713	119	264301	17.761	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	272261	18.050	ug/l	99
85) sec-Butylbenzene	11.890	105	333077	18.309	ug/l	100
86) p-Isopropyltoluene	12.006	119	276076	18.056	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	147161	17.791	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	151601	18.125	ug/l	100
89) n-Butylbenzene	12.329	91	248580	18.288	ug/l	97
90) Hexachloroethane	12.536	117	48249	17.054	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	147459	18.447	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23310	17.473	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	91747	18.353	ug/l	98
94) Hexachlorobutadiene	13.725	225	38231	18.984	ug/l	99
95) Naphthalene	13.774	128	336378	20.067	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	91193	18.662	ug/l	98

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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

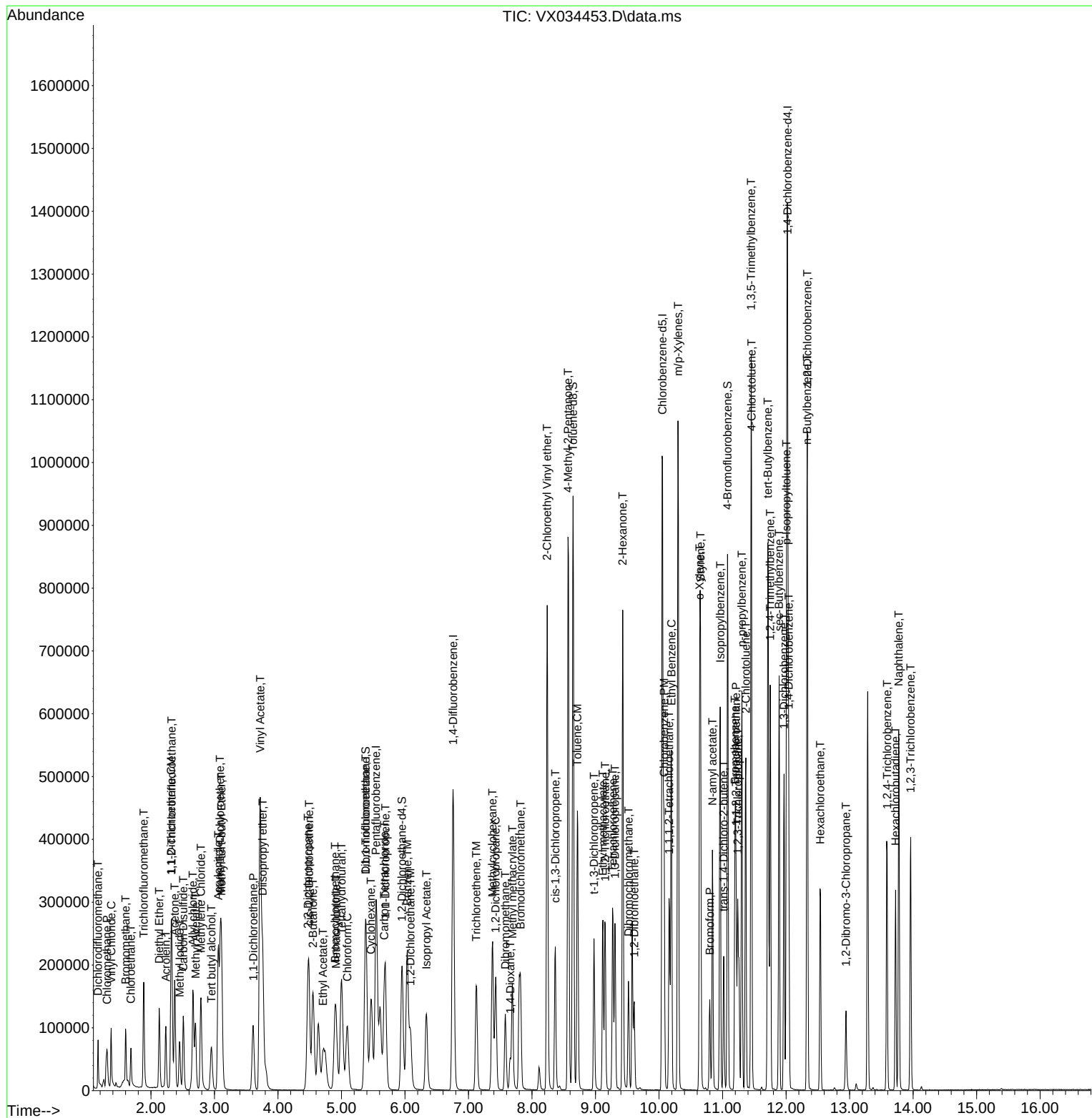
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 Data File : VX034453.D
 Acq On : 14 Mar 2023 10:37
 Operator : JC/MD
 Sample : VX0314WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

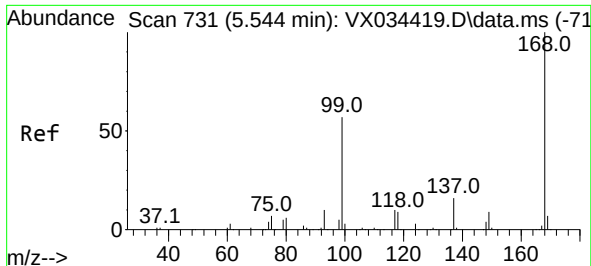
Instrument :
 MSVOA_X
 ClientSampleId :
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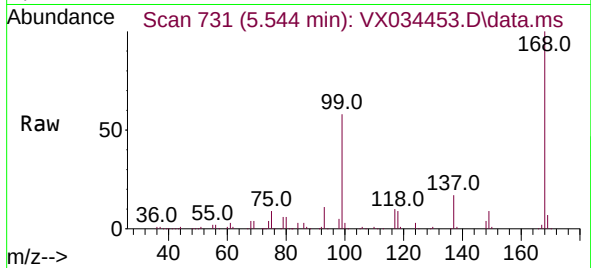
Quant Time: Mar 15 06:36:05 2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX034453.D
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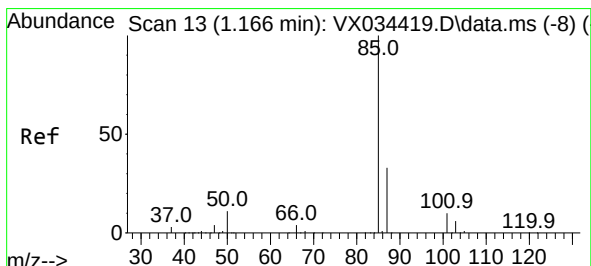
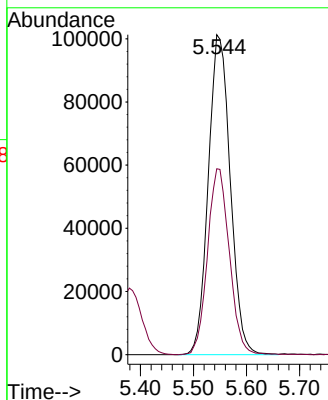
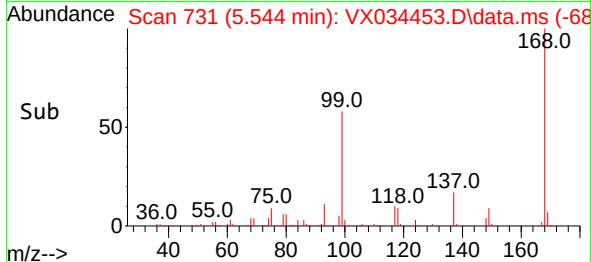
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



Tgt Ion:168 Resp: 29141
Ion Ratio Lower Upper
168 100
99 58.1 45.7 68.5

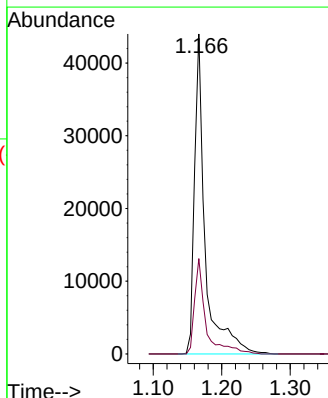
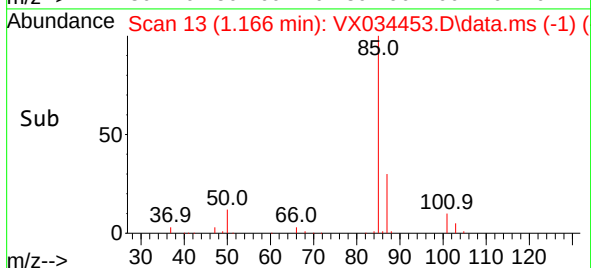
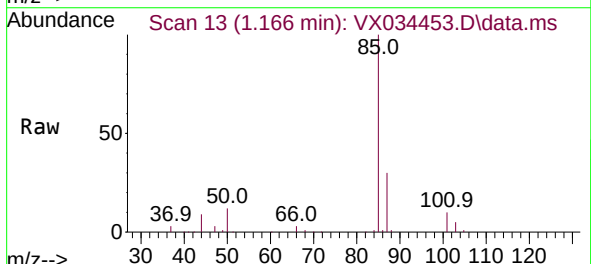
Manual Integrations
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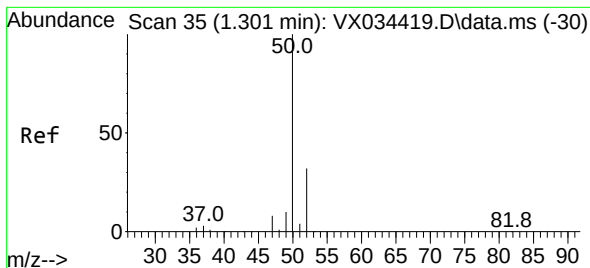
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#2
Dichlorodifluoromethane
Concen: 17.495 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

Tgt Ion: 85 Resp: 47529
Ion Ratio Lower Upper
85 100
87 29.8 16.4 49.1





#3

Chloromethane

Concen: 15.946 ug/l

RT: 1.307 min Scan# 30

Delta R.T. 0.006 min

Lab File: VX034453.D

Acq: 14 Mar 2023 10:37

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD01

Tgt Ion: 50 Resp: 6930

Ion Ratio Lower Upper

50 100

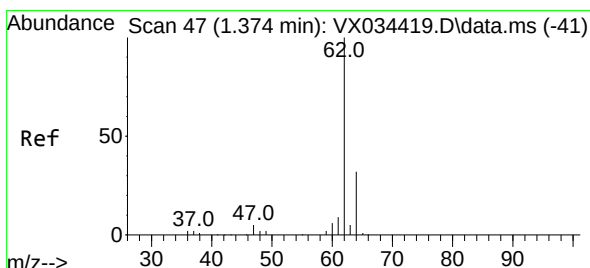
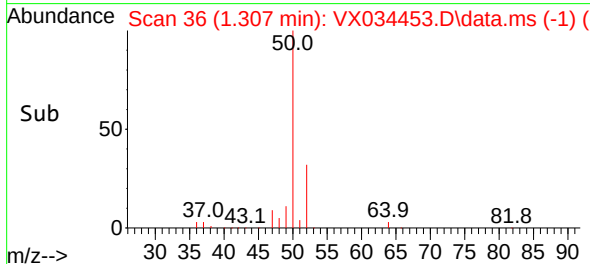
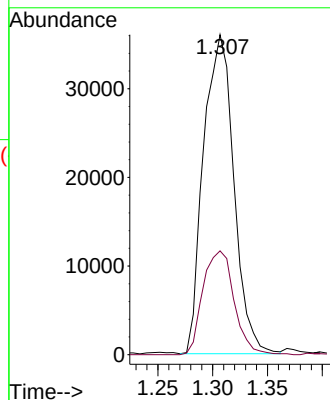
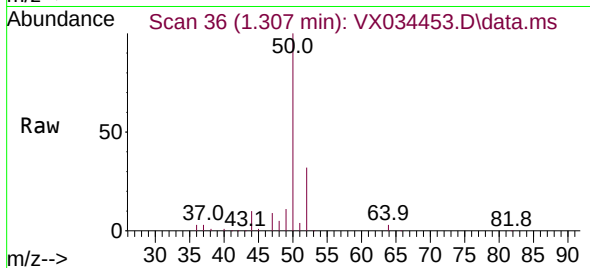
52 32.6 25.9 38.9

Manual Integrations

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Supervised By :Mahesh Dadoda 03/15/2023



#4

Vinyl Chloride

Concen: 16.987 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX034453.D

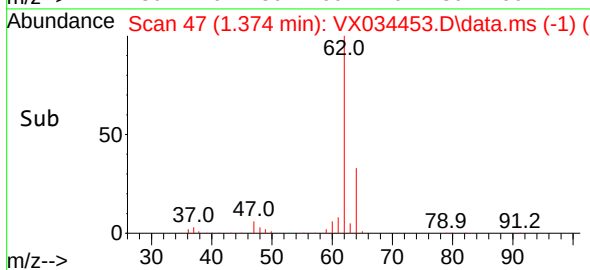
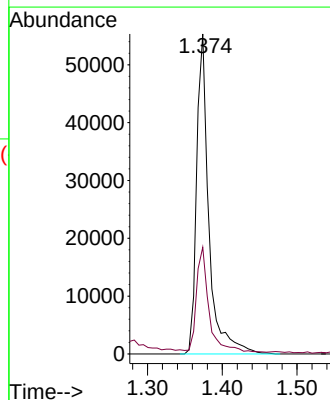
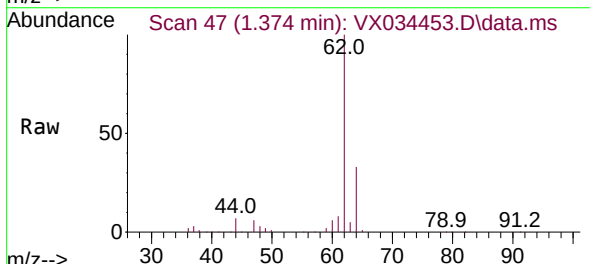
Acq: 14 Mar 2023 10:37

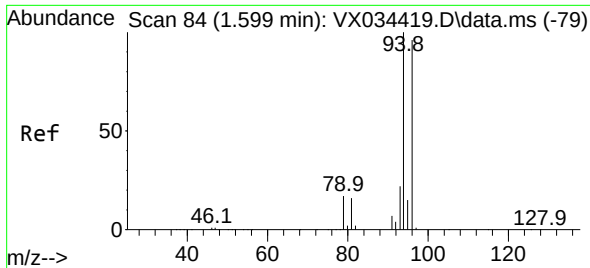
Tgt Ion: 62 Resp: 62837

Ion Ratio Lower Upper

62 100

64 32.7 26.4 39.6





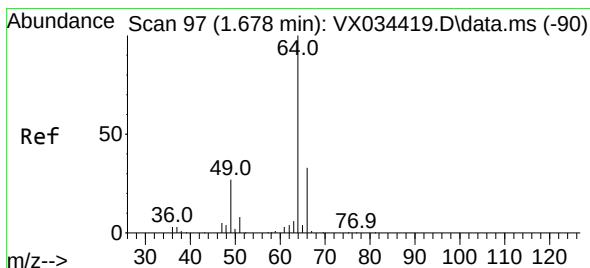
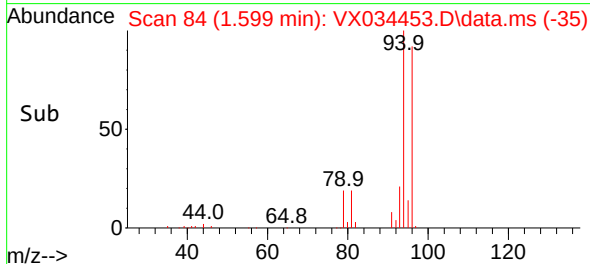
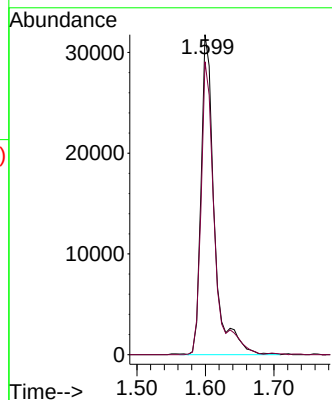
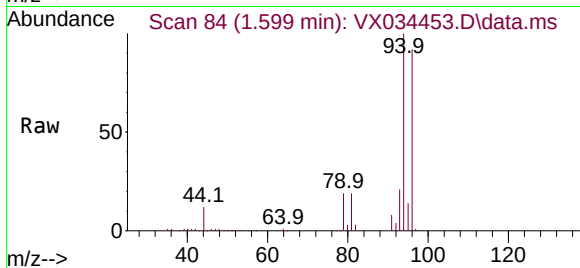
#5
Bromomethane
Concen: 22.968 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 4286
Ion Ratio Lower Upper
94 100
96 91.5 77.0 115.6

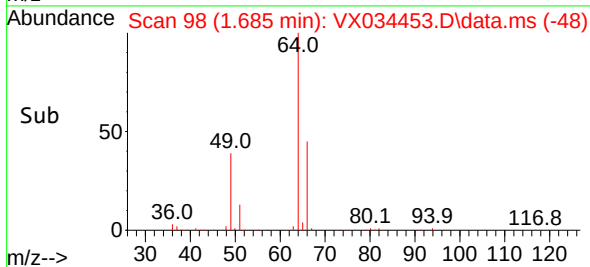
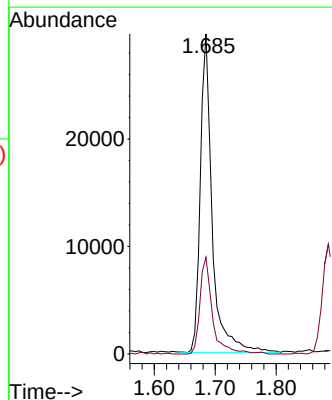
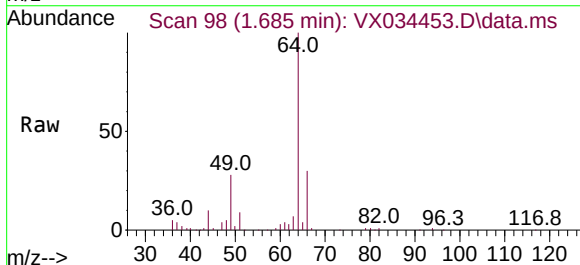
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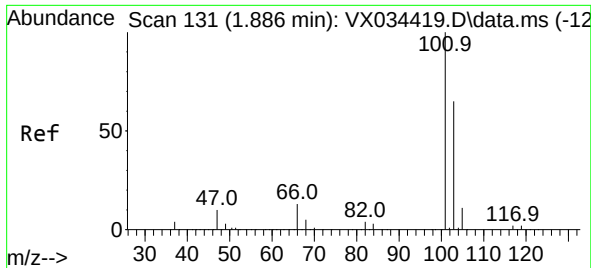
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#6
Chloroethane
Concen: 18.821 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

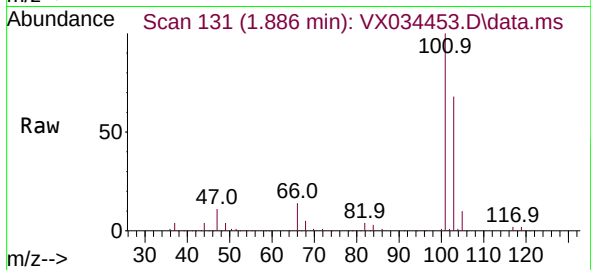
Tgt Ion: 64 Resp: 40086
Ion Ratio Lower Upper
64 100
66 30.3 26.2 39.4





#7
Trichlorofluoromethane
Concen: 18.072 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

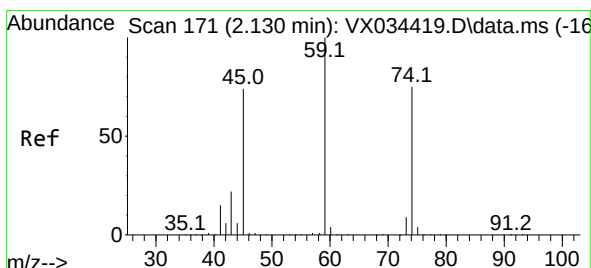
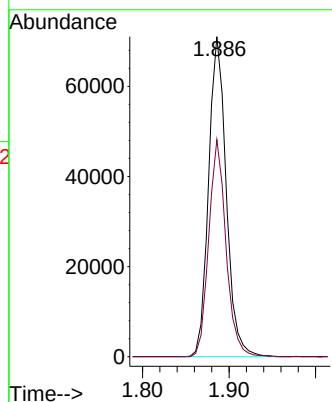
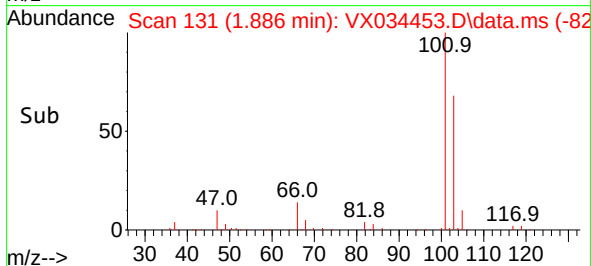
Instrument :
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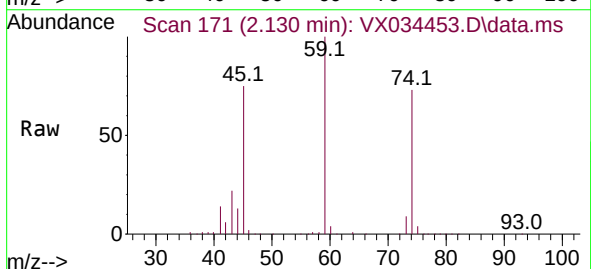
Tgt Ion:101 Resp: 100452
Ion Ratio Lower Upper
101 100
103 67.8 52.0 78.0

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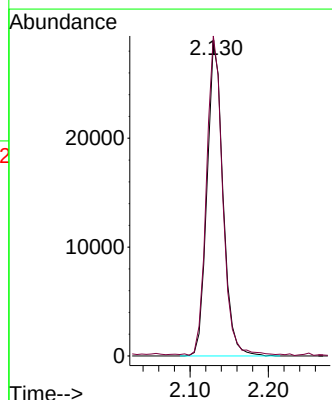
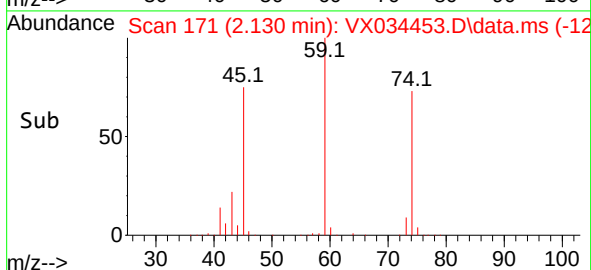
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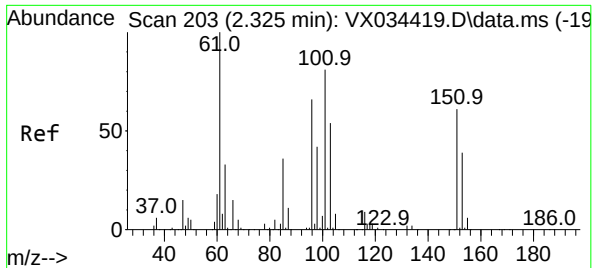


#8
Diethyl Ether
Concen: 20.071 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37



Tgt Ion: 74 Resp: 40725
Ion Ratio Lower Upper
74 100
45 103.2 49.8 149.3





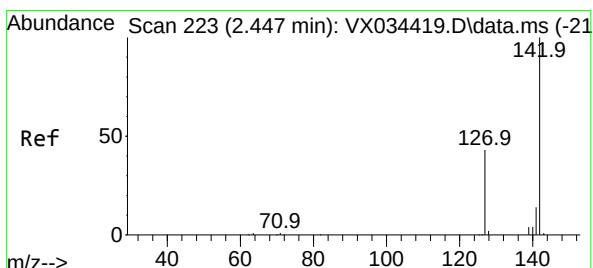
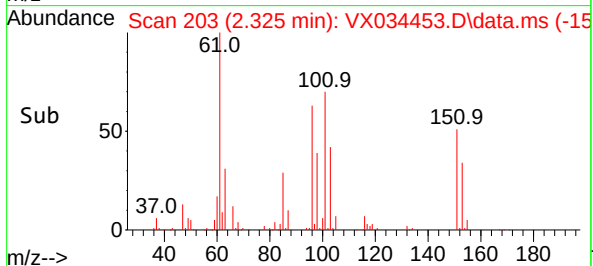
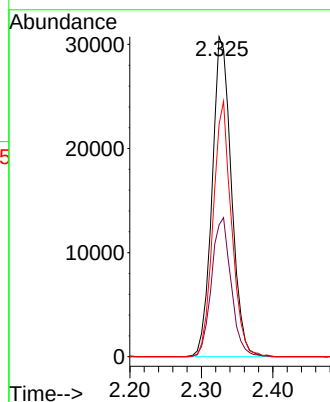
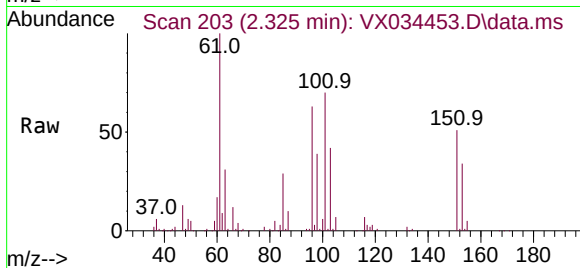
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.779 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01

Tgt Ion:101 Resp: 5759
Ion Ratio Lower Upper
101 100
85 44.0 35.4 53.2
151 76.2 60.2 90.4

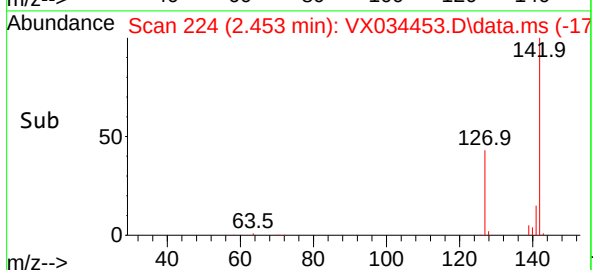
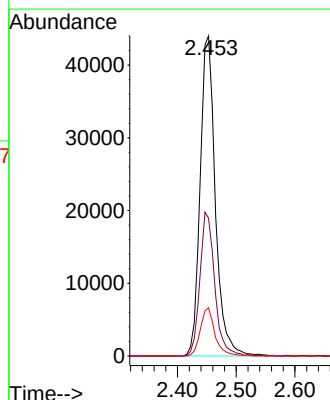
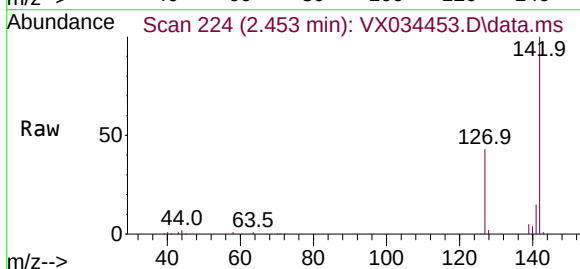
Manual Integrations
APPROVED

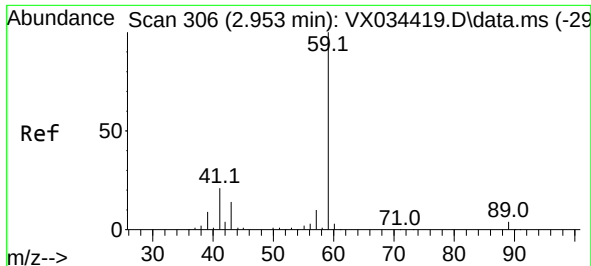
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#10
Methyl Iodide
Concen: 18.672 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

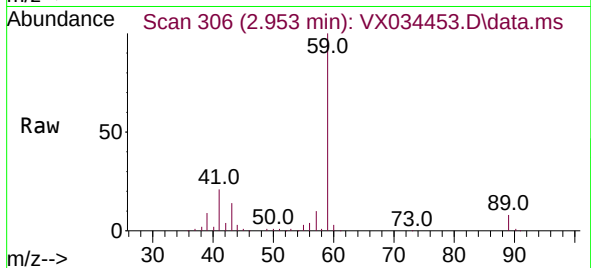
Tgt Ion:142 Resp: 79409
Ion Ratio Lower Upper
142 100
127 43.8 34.0 51.0
141 14.4 11.1 16.7





#11
Tert butyl alcohol
Concen: 94.353 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

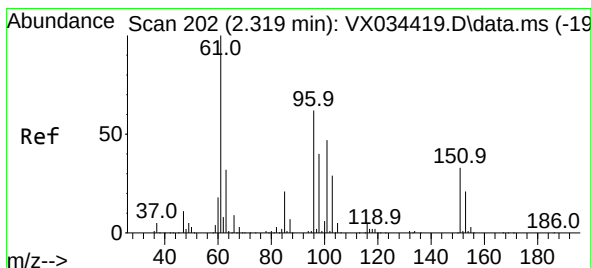
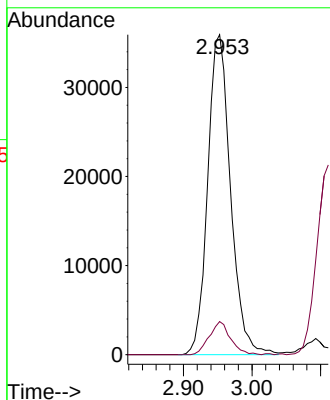
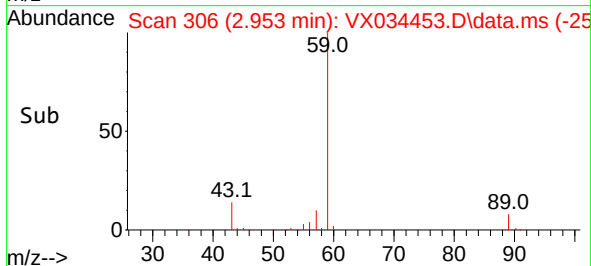
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



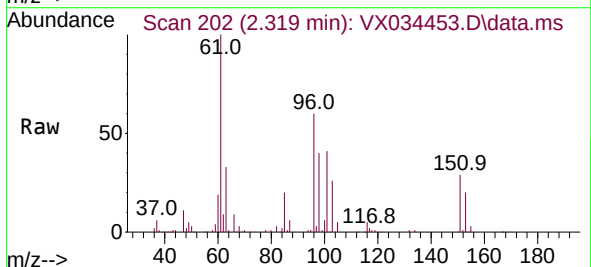
Tgt Ion: 59 Resp: 83298
Ion Ratio Lower Upper
59 100
57 9.6 8.1 12.1

Manual Integrations
APPROVED

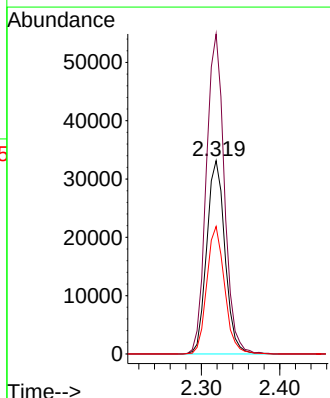
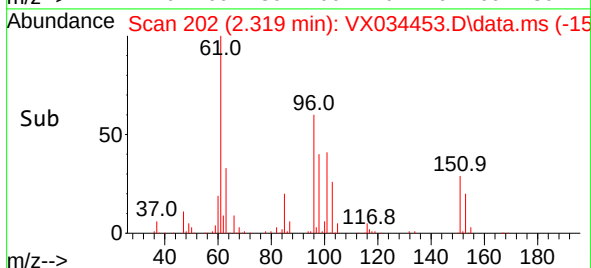
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

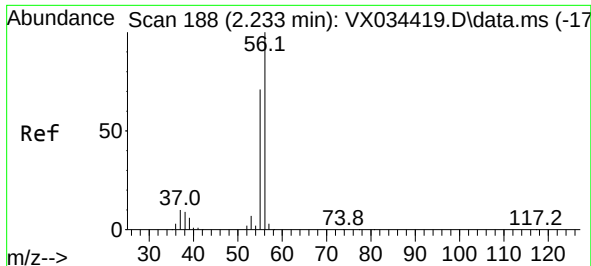


#12
1,1-Dichloroethene
Concen: 16.823 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37



Tgt Ion: 96 Resp: 53670
Ion Ratio Lower Upper
96 100
61 165.5 128.8 193.2
98 65.9 51.4 77.0





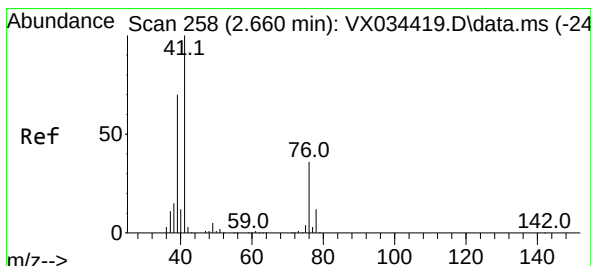
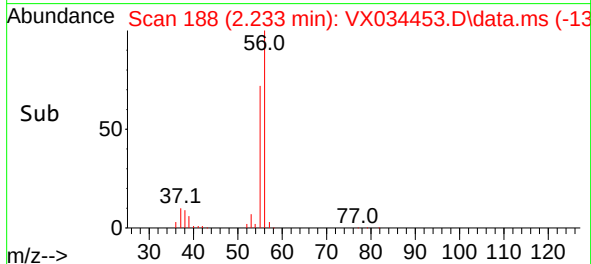
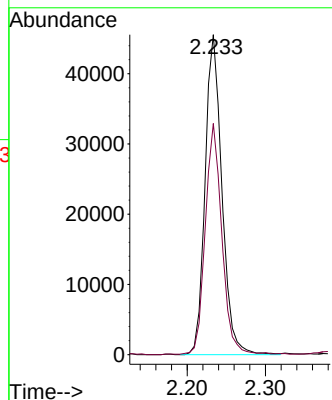
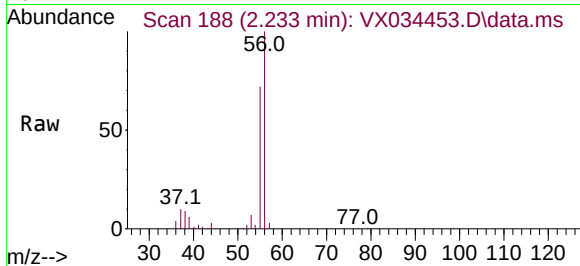
#13
Acrolein
Concen: 97.218 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01

Tgt Ion: 56 Resp: 67898
Ion Ratio Lower Upper
56 100
55 71.6 56.6 85.0

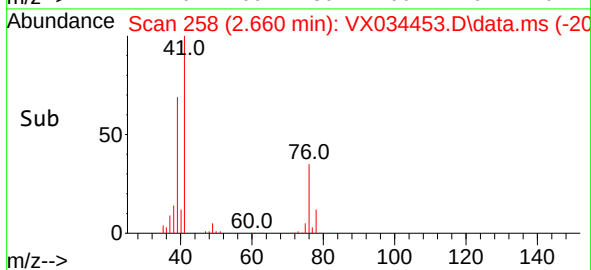
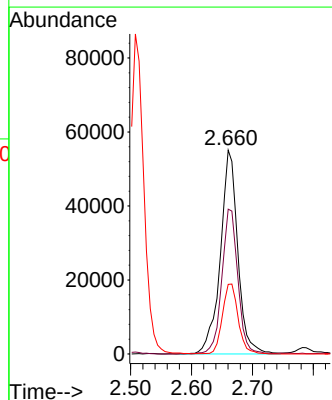
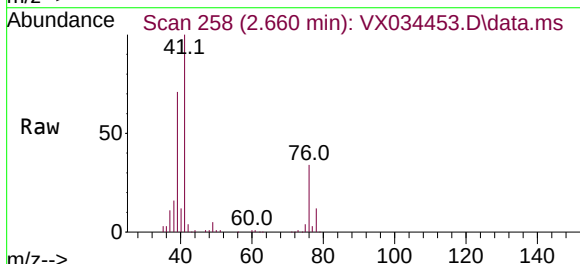
Manual Integrations
APPROVED

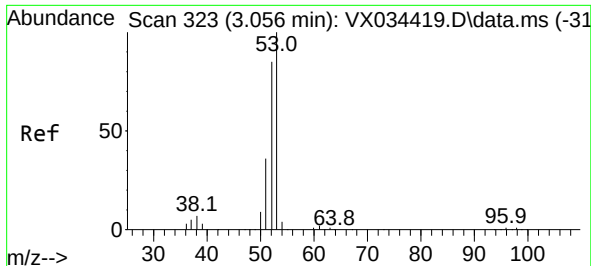
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#14
Allyl chloride
Concen: 16.976 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

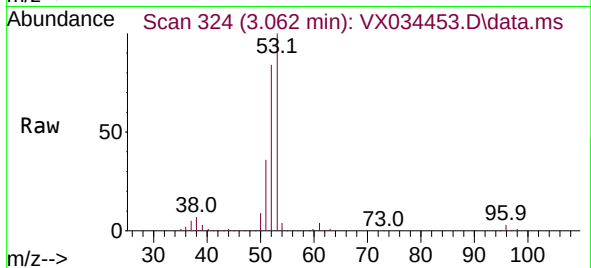
Tgt Ion: 41 Resp: 109797
Ion Ratio Lower Upper
41 100
39 65.1 52.4 78.6
76 30.9 26.0 39.0





#15
Acrylonitrile
Concen: 96.050 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

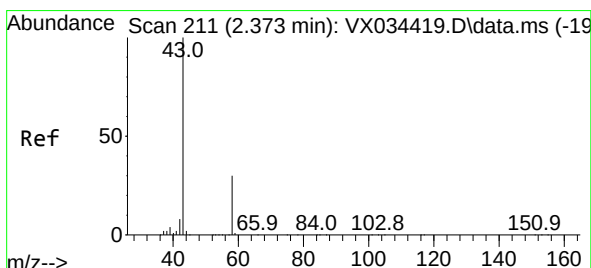
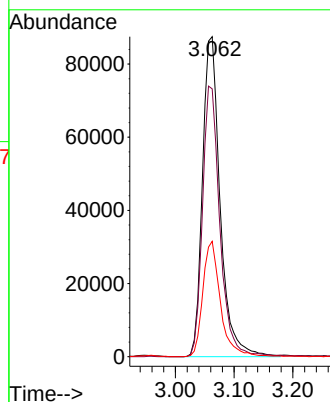
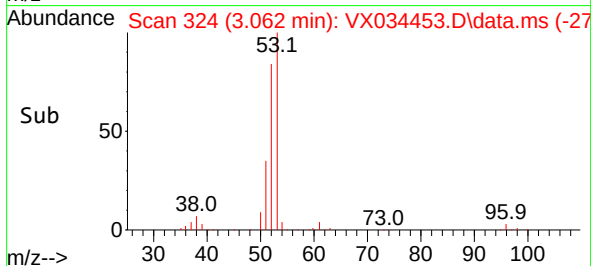
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



Tgt Ion: 53 Resp: 183170
Ion Ratio Lower Upper
53 100
52 83.3 66.2 99.2
51 36.1 28.3 42.5

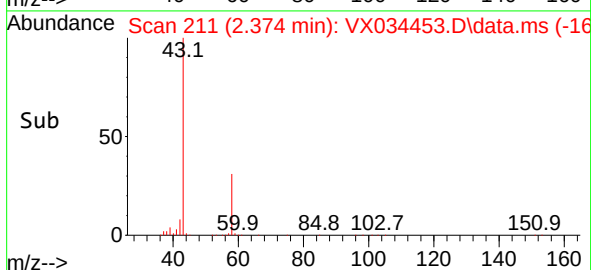
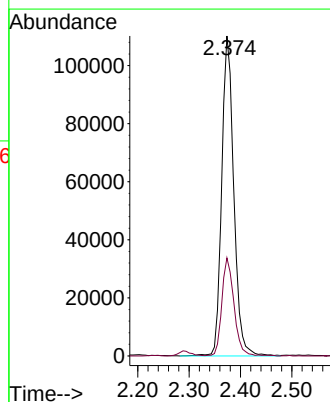
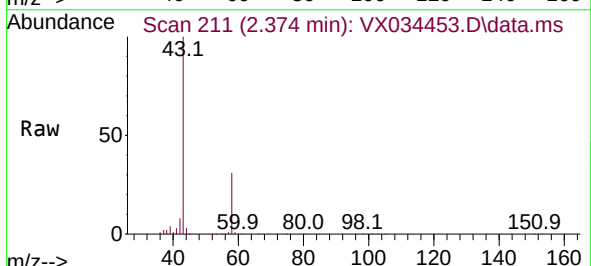
Manual Integrations
APPROVED

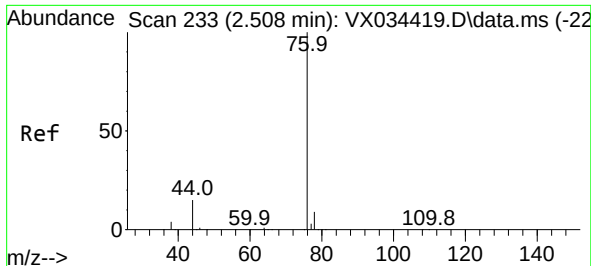
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#16
Acetone
Concen: 90.113 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

Tgt Ion: 43 Resp: 179955
Ion Ratio Lower Upper
43 100
58 30.7 24.7 37.1





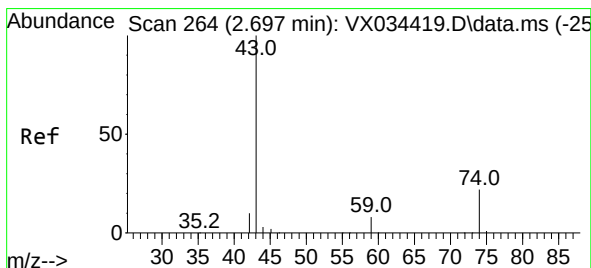
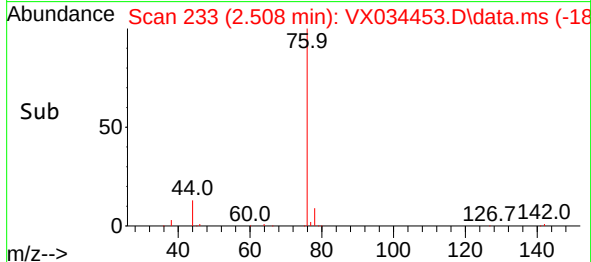
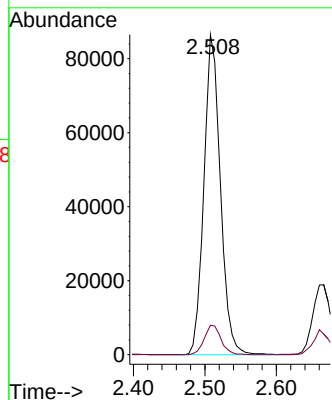
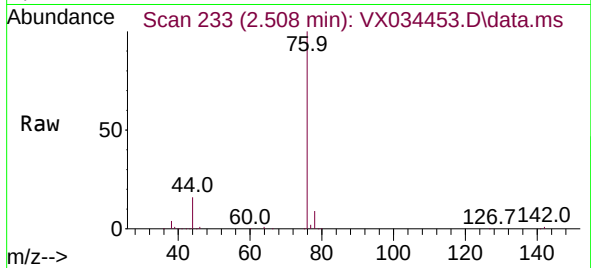
#17
Carbon Disulfide
Concen: 15.424 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01

Tgt Ion: 76 Resp: 138472
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

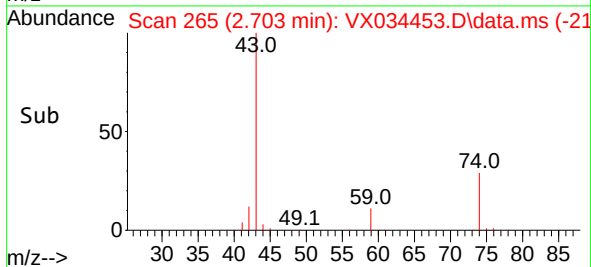
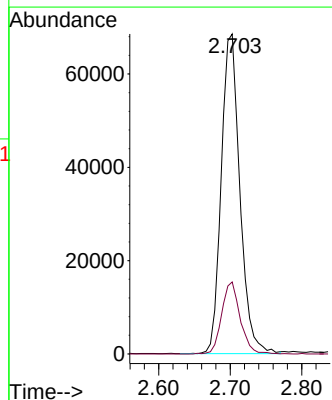
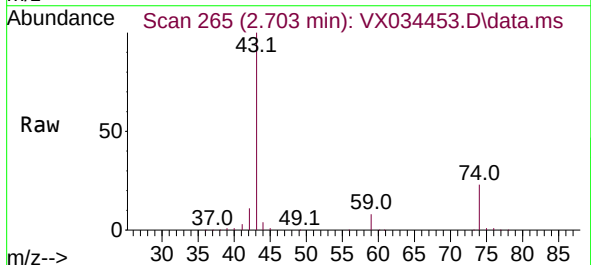
Manual Integrations
APPROVED

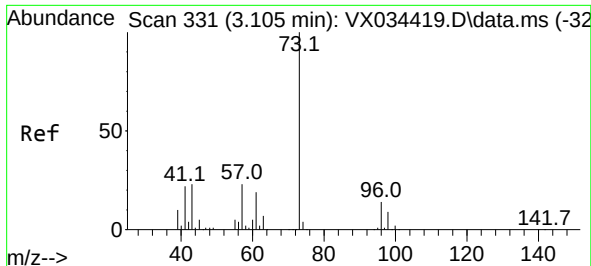
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#18
Methyl Acetate
Concen: 19.006 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

Tgt Ion: 43 Resp: 124016
Ion Ratio Lower Upper
43 100
74 22.4 18.3 27.5





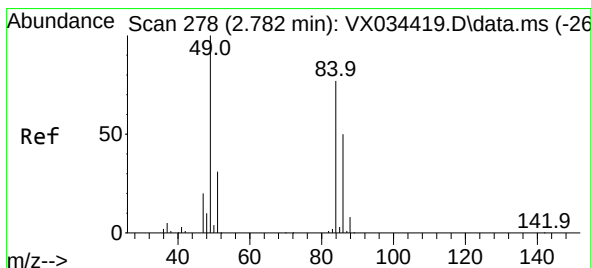
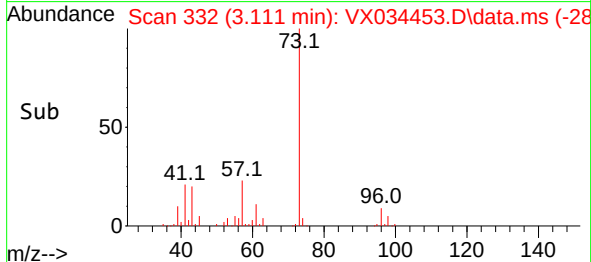
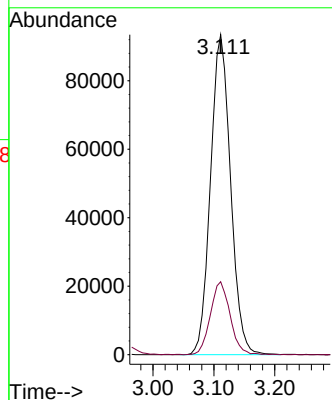
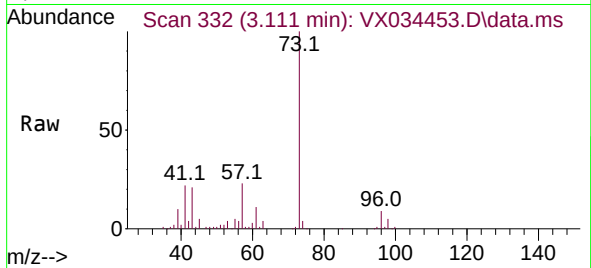
#19
Methyl tert-butyl Ether
Concen: 18.705 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01

Tgt Ion: 73 Resp: 213650
Ion Ratio Lower Upper
73 100
57 22.8 18.5 27.7

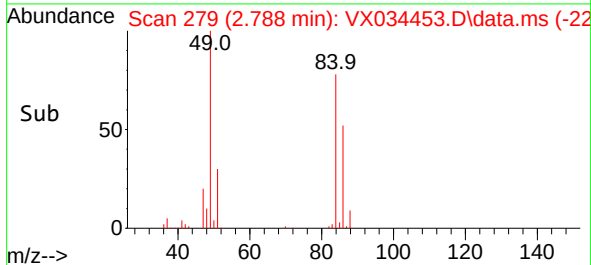
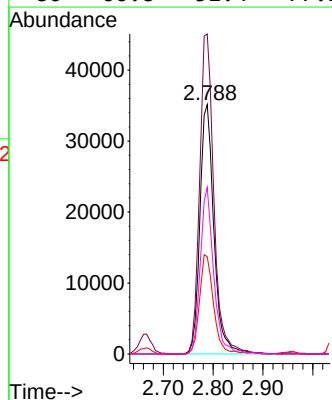
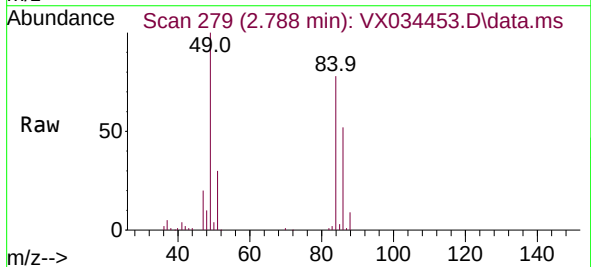
Manual Integrations
APPROVED

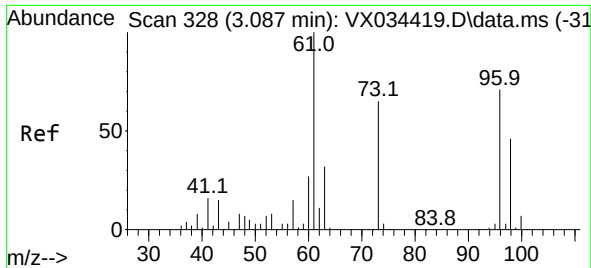
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#20
Methylene Chloride
Concen: 17.740 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

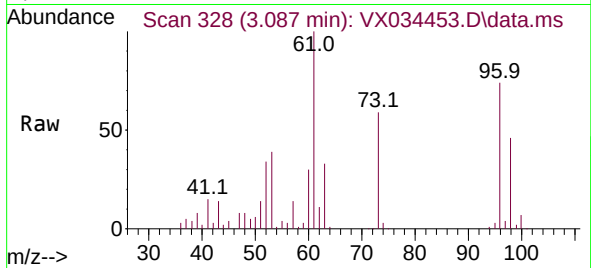
Tgt Ion: 84 Resp: 68755
Ion Ratio Lower Upper
84 100
49 128.3 103.8 155.8
51 39.0 31.8 47.8
86 66.8 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 18.080 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

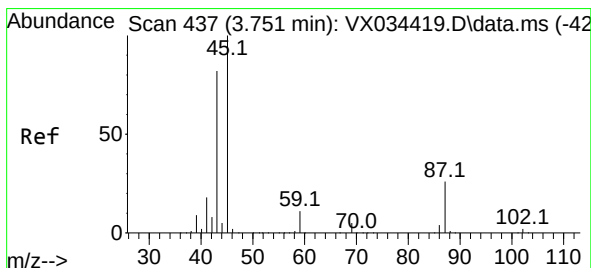
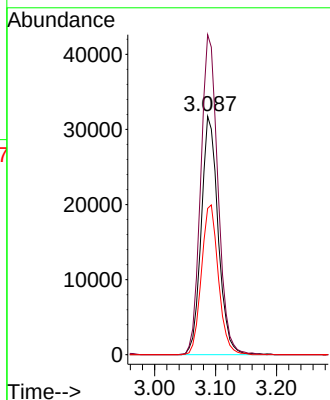
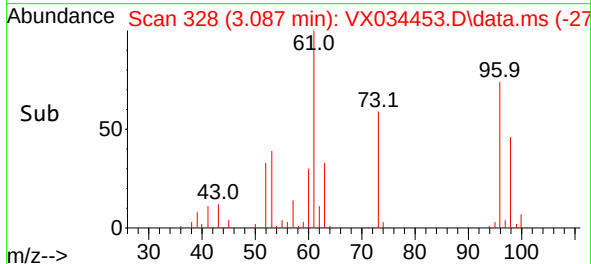
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



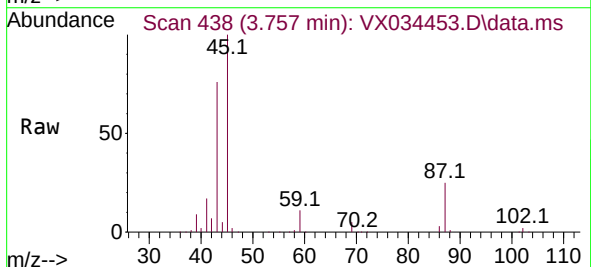
Tgt Ion: 96 Resp: 61254
Ion Ratio Lower Upper
96 100
61 134.2 113.0 169.6
98 61.3 52.1 78.1

Manual Integrations
APPROVED

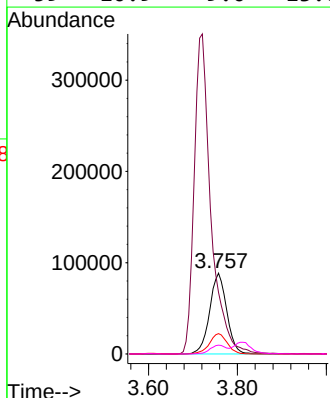
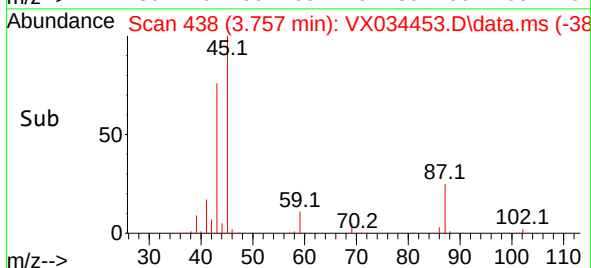
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

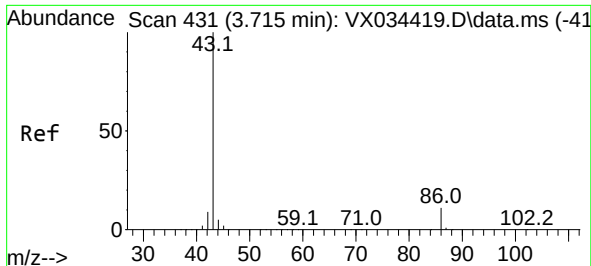


#22
Diisopropyl ether
Concen: 19.129 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37



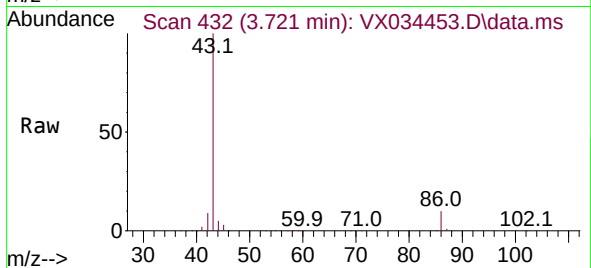
Tgt Ion: 45 Resp: 235884
Ion Ratio Lower Upper
45 100
43 76.2 65.4 98.2
87 25.1 20.6 31.0
59 10.9 9.0 13.6





#23
 Vinyl Acetate
 Concen: 97.592 ug/l
 RT: 3.721 min Scan# 411
 Delta R.T. 0.006 min
 Lab File: VX034453.D
 Acq: 14 Mar 2023 10:37

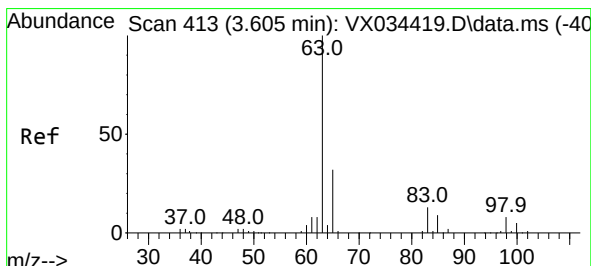
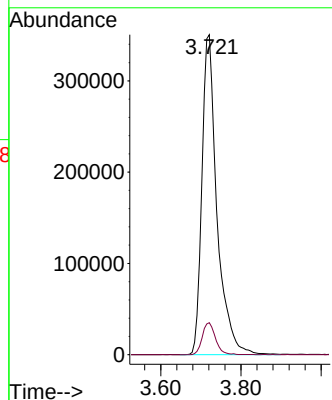
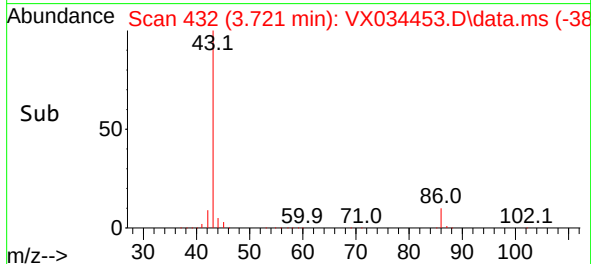
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314WBSD01



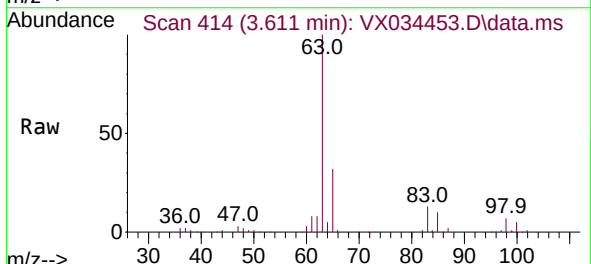
Tgt Ion: 43 Resp: 91588
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.5 12.7

Manual Integrations
 APPROVED

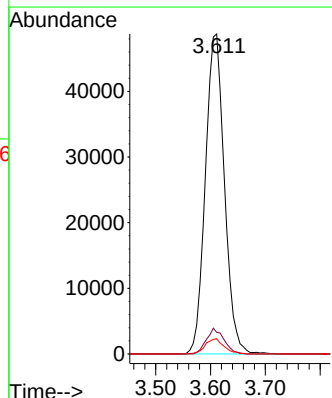
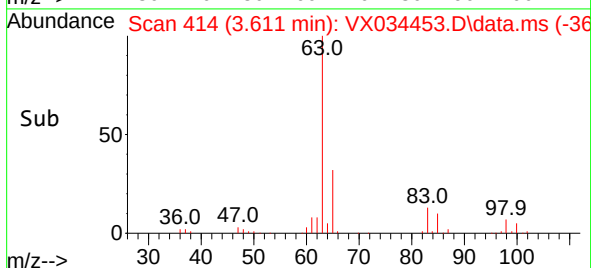
Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023

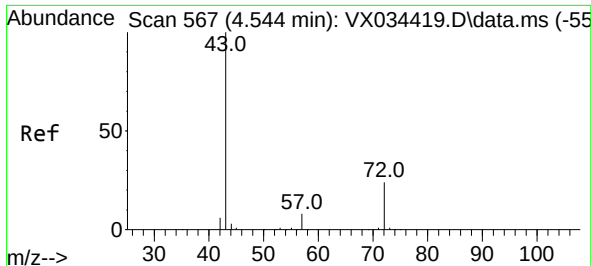


#24
 1,1-Dichloroethane
 Concen: 17.736 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034453.D
 Acq: 14 Mar 2023 10:37



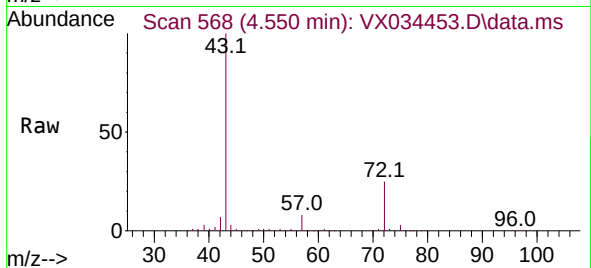
Tgt Ion: 63 Resp: 117566
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.2
 100 4.7 2.4 7.1





#25
2-Butanone
Concen: 94.460 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

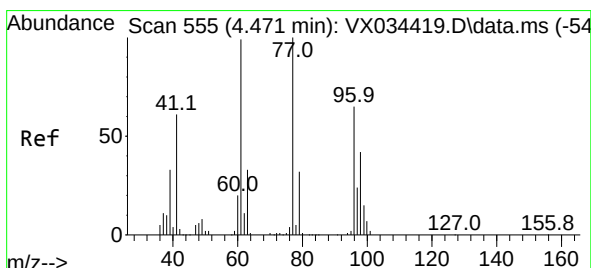
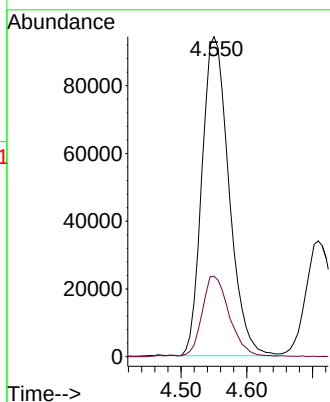
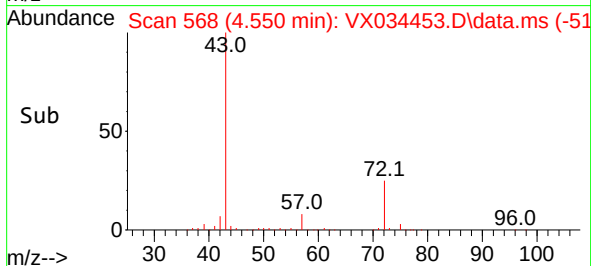
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



Tgt Ion: 43 Resp: 26991
Ion Ratio Lower Upper
43 100
72 25.0 19.3 28.9

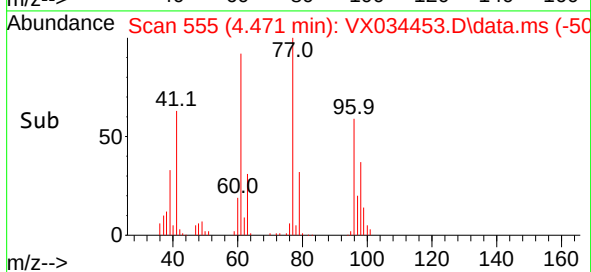
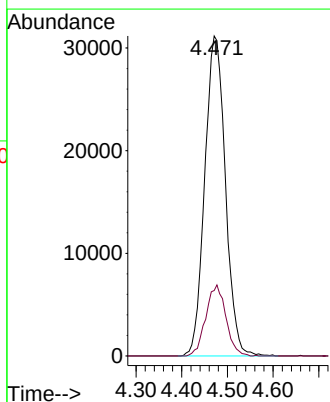
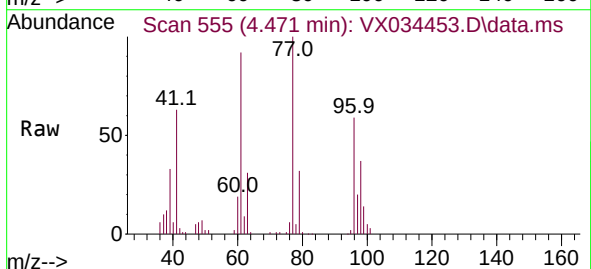
Manual Integrations
APPROVED

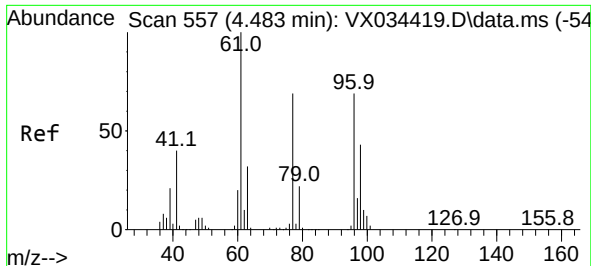
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#26
2,2-Dichloropropane
Concen: 16.970 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

Tgt Ion: 77 Resp: 97782
Ion Ratio Lower Upper
77 100
97 21.6 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.269 ug/l

RT: 4.489 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX034453.D

Acq: 14 Mar 2023 10:37

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD01

Tgt Ion: 96 Resp: 7451

Ion Ratio Lower Upper

96 100

61 145.9 0.0 300.4

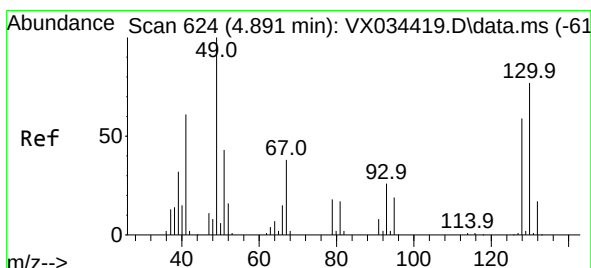
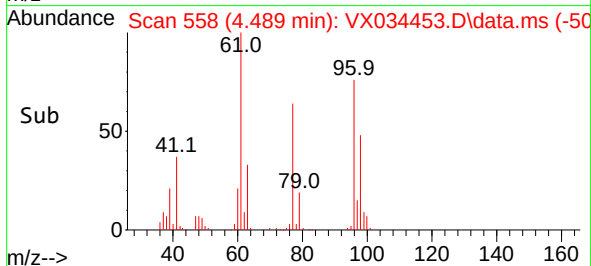
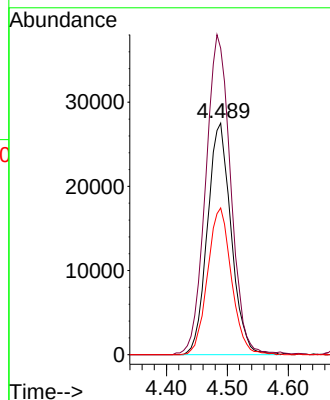
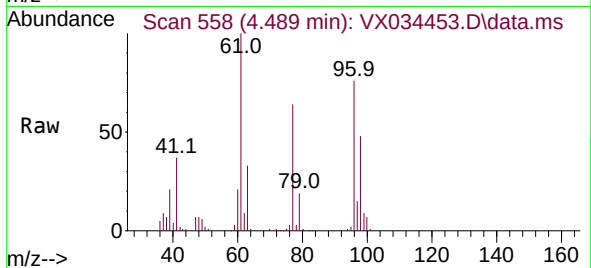
98 63.7 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#28

Bromochloromethane

Concen: 19.198 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX034453.D

Acq: 14 Mar 2023 10:37

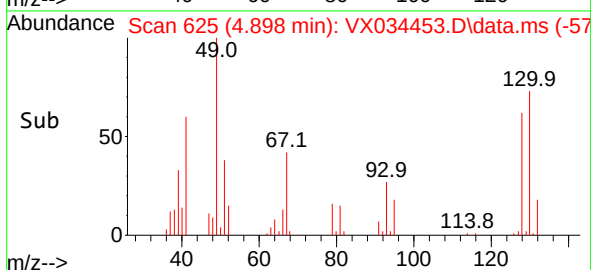
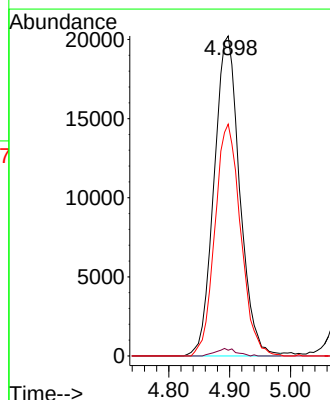
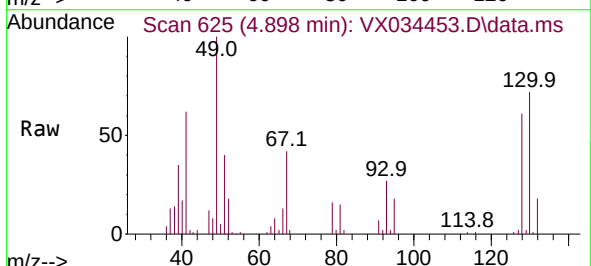
Tgt Ion: 49 Resp: 59172

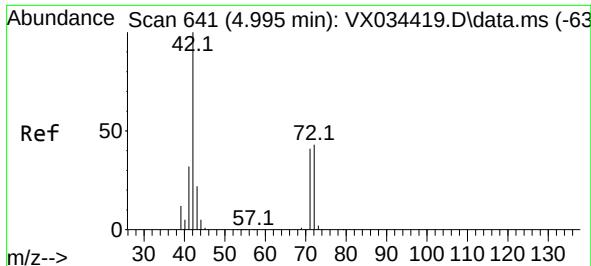
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 72.7 58.2 87.2





#29

Tetrahydrofuran

Concen: 96.809 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX034453.D

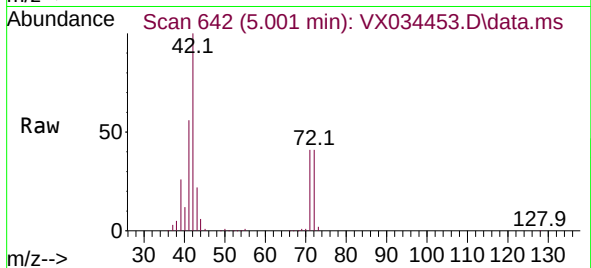
Acq: 14 Mar 2023 10:37

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD01



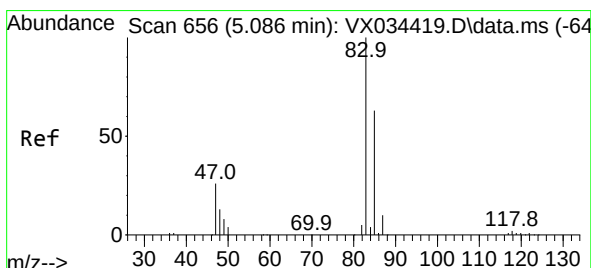
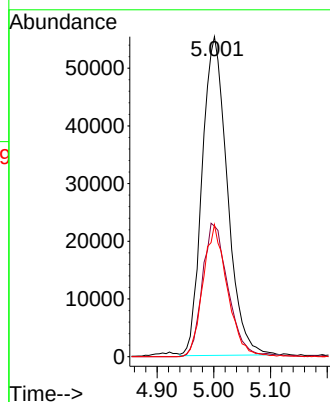
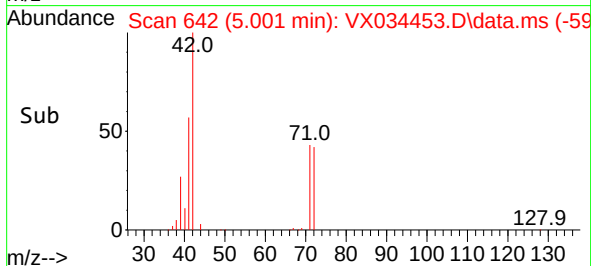
Tgt Ion:	42	Resp:	17069
Ion Ratio	Lower	Upper	
42	100		
72	42.8	34.5	51.7
71	40.0	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#30

Chloroform

Concen: 18.529 ug/l

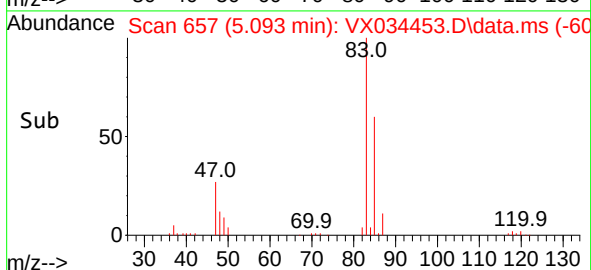
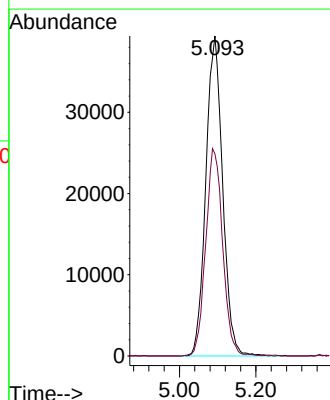
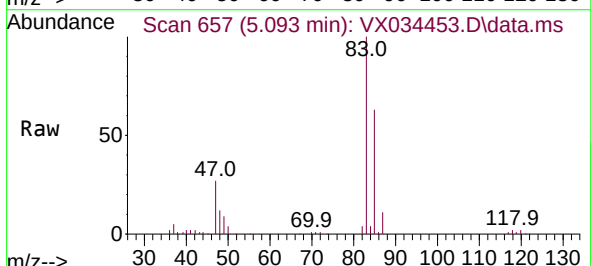
RT: 5.093 min Scan# 657

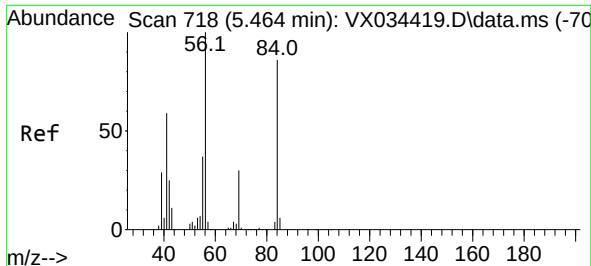
Delta R.T. 0.006 min

Lab File: VX034453.D

Acq: 14 Mar 2023 10:37

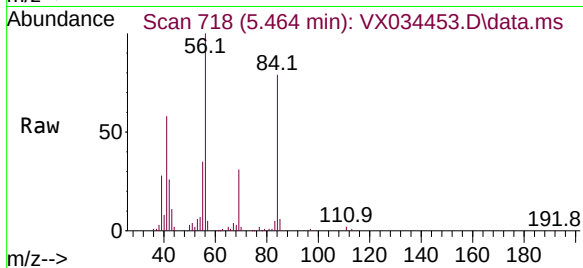
Tgt Ion:	83	Resp:	120396
Ion Ratio	Lower	Upper	
83	100		
85	63.2	50.6	76.0





#31
Cyclohexane
Concen: 17.658 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

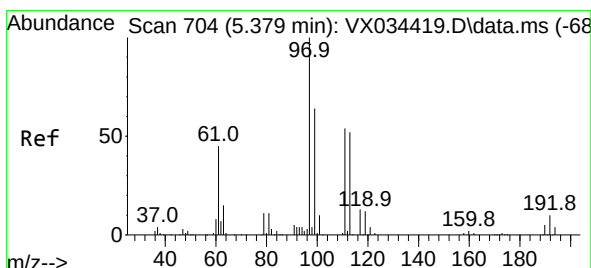
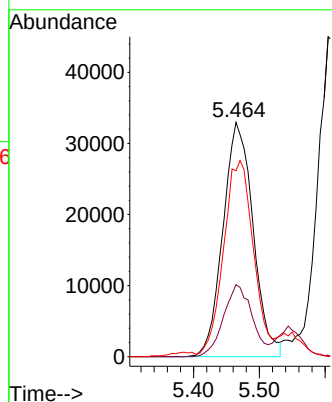
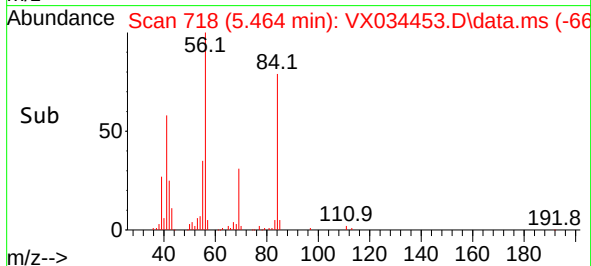
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



Tgt Ion: 56 Resp: 104989
Ion Ratio Lower Upper
56 100
69 30.7 23.7 35.5
84 77.7 68.5 102.7

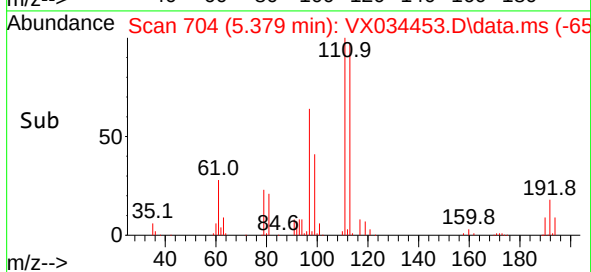
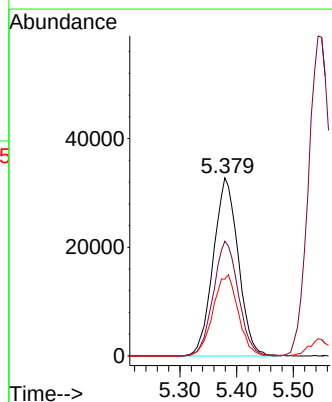
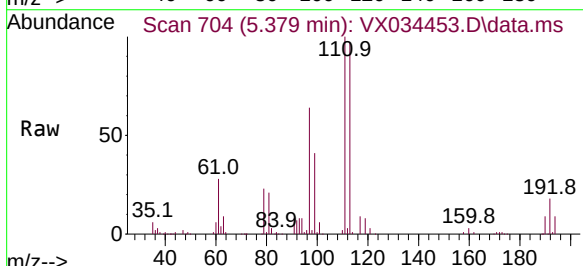
Manual Integrations
APPROVED

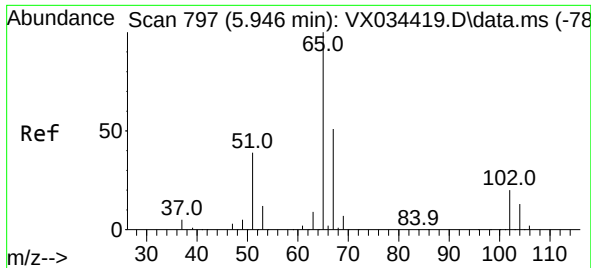
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#32
1,1,1-Trichloroethane
Concen: 17.403 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

Tgt Ion: 97 Resp: 100108
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 46.1 36.5 54.7





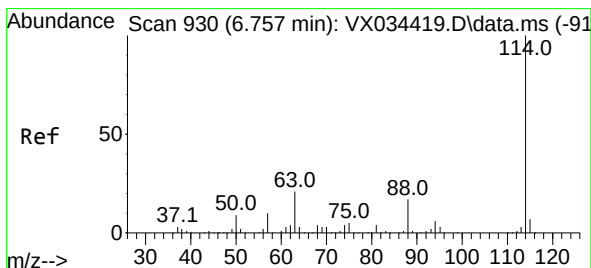
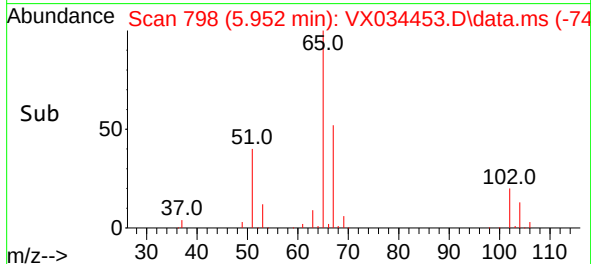
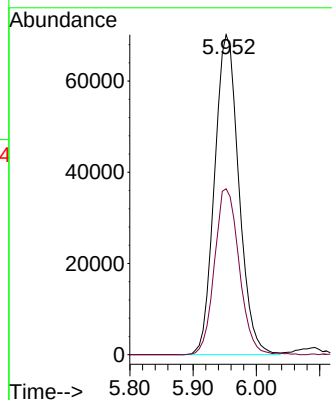
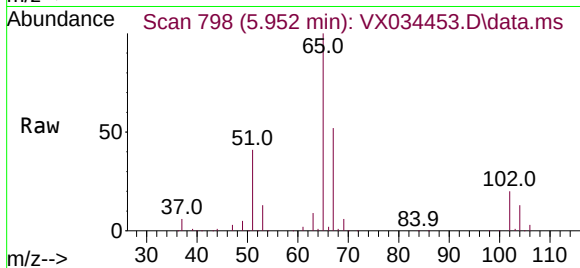
#33
1,2-Dichloroethane-d4
Concen: 44.181 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01

Tgt Ion: 65 Resp: 187305
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.0

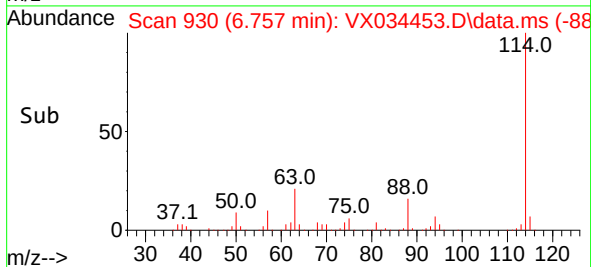
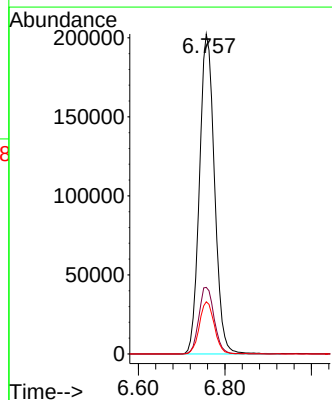
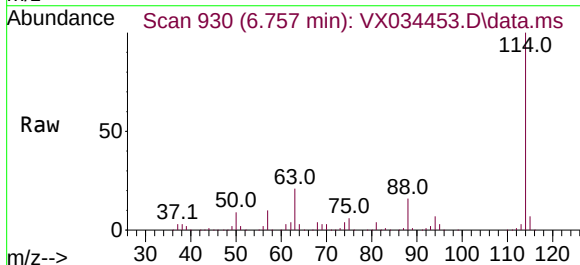
Manual Integrations
APPROVED

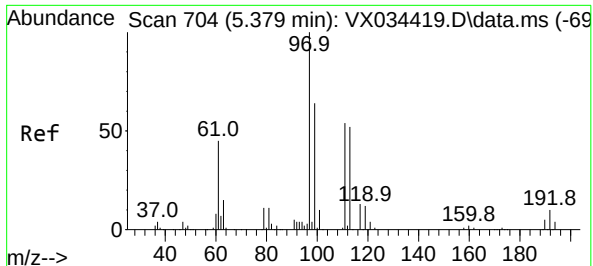
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

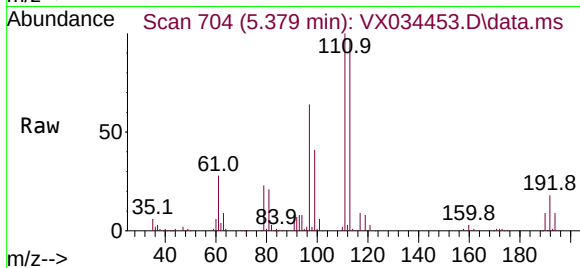
Tgt Ion:114 Resp: 487949
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.2
88 16.3 0.0 33.2





#35
Dibromofluoromethane
Concen: 45.578 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

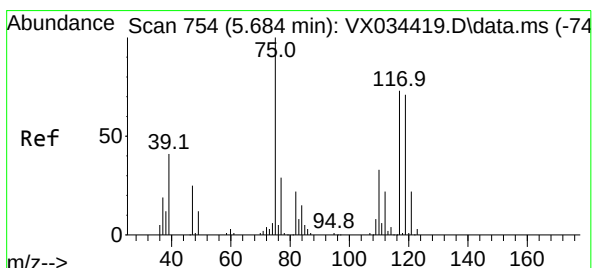
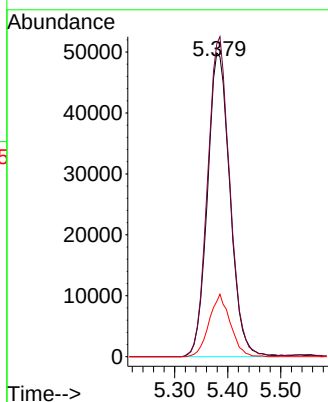
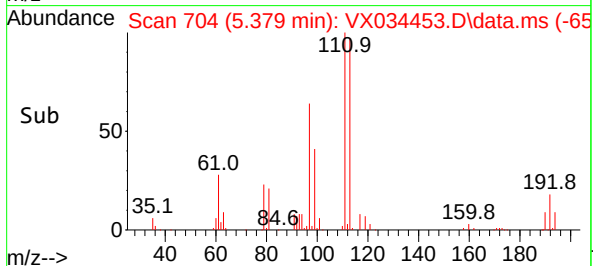
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



Tgt Ion:113 Resp: 146830
Ion Ratio Lower Upper
113 100
111 104.5 83.7 125.5
192 19.4 15.4 23.2

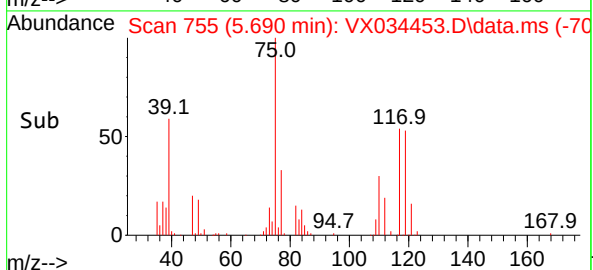
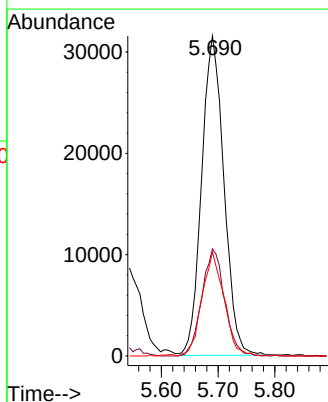
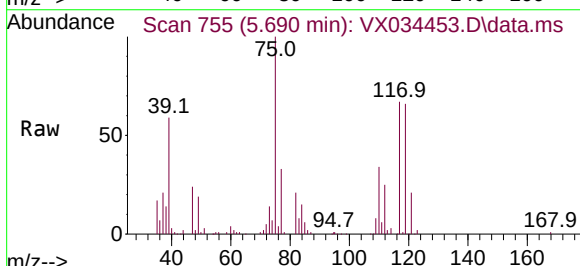
Manual Integrations
APPROVED

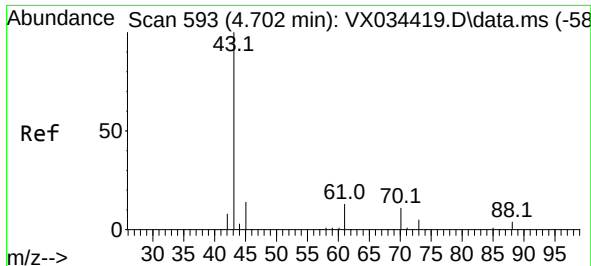
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#36
1,1-Dichloropropene
Concen: 17.383 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

Tgt Ion: 75 Resp: 86017
Ion Ratio Lower Upper
75 100
110 34.2 17.5 52.5
77 32.0 24.3 36.5





#37

Ethyl Acetate

Concen: 18.914 ug/l

RT: 4.709 min Scan# 593

Delta R.T. 0.006 min

Lab File: VX034453.D

Acq: 14 Mar 2023 10:37

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD01

Tgt Ion: 43 Resp: 10224

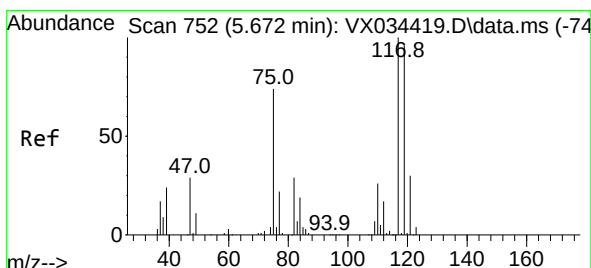
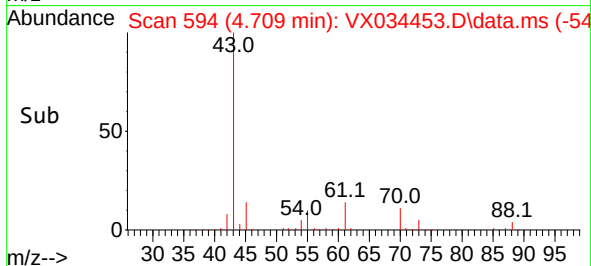
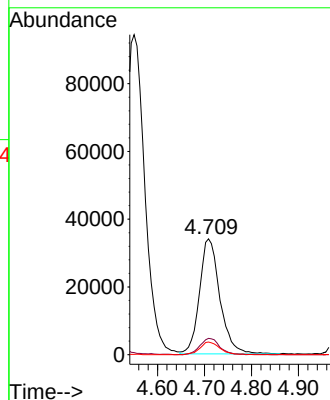
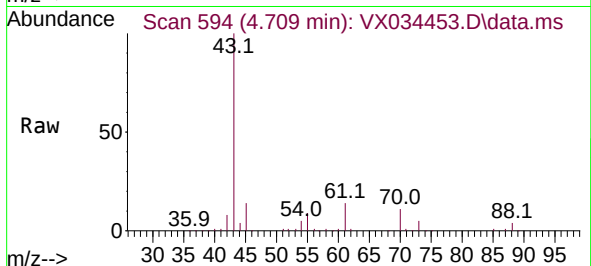
Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.2	15.4
70	10.8	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#38

Carbon Tetrachloride

Concen: 17.221 ug/l

RT: 5.672 min Scan# 752

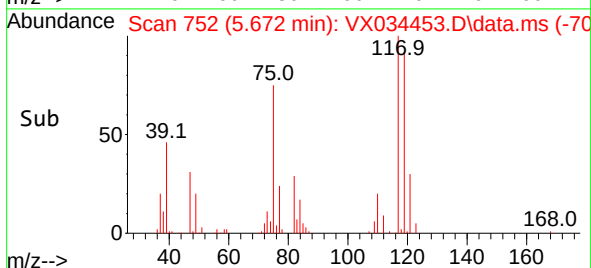
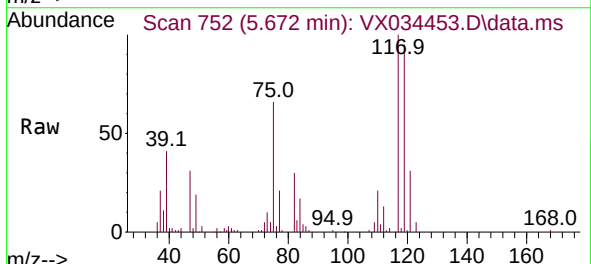
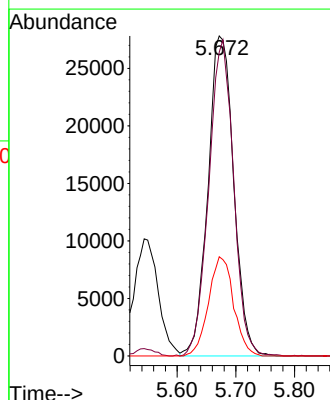
Delta R.T. 0.000 min

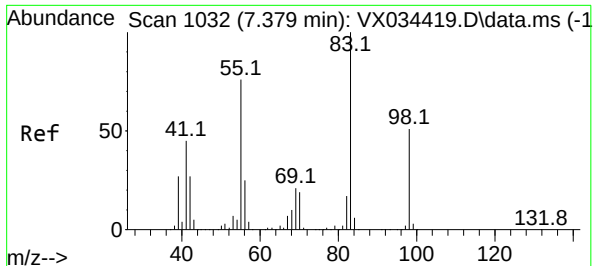
Lab File: VX034453.D

Acq: 14 Mar 2023 10:37

Tgt Ion:117 Resp: 84775

Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.6	114.8
121	31.0	23.8	35.6





#39

Methylcyclohexane

Concen: 17.768 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034453.D

Acq: 14 Mar 2023 10:37

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD01

Tgt Ion: 83 Resp: 10521

Ion Ratio Lower Upper

83 100

55 79.3 60.5 90.7

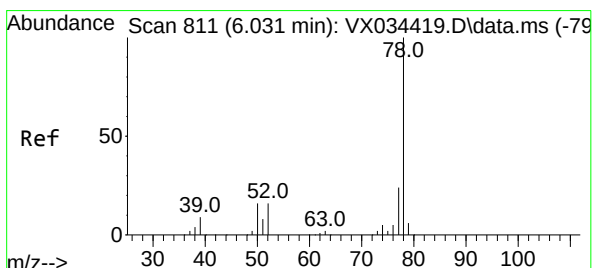
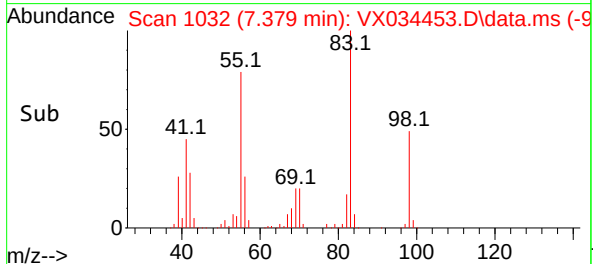
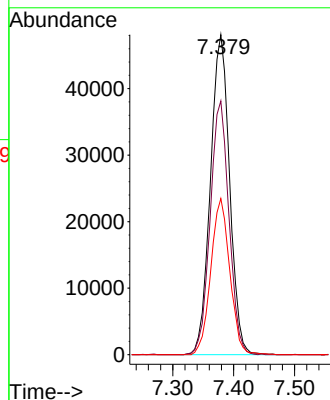
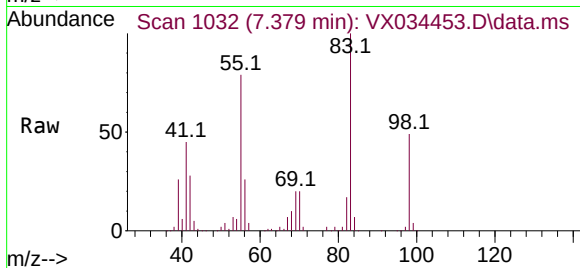
98 48.8 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#40

Benzene

Concen: 18.366 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX034453.D

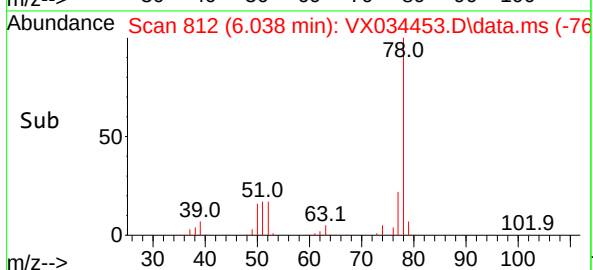
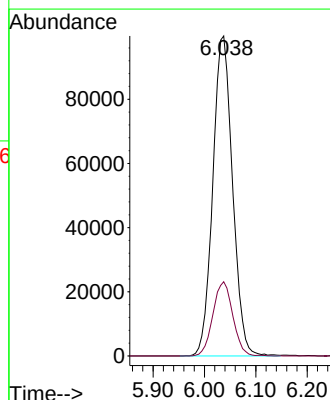
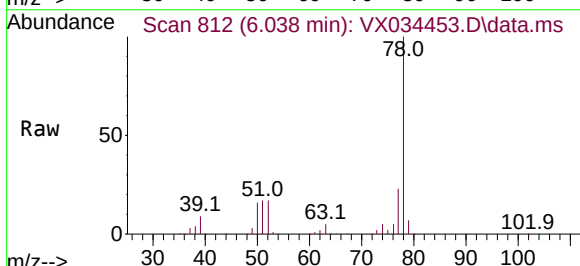
Acq: 14 Mar 2023 10:37

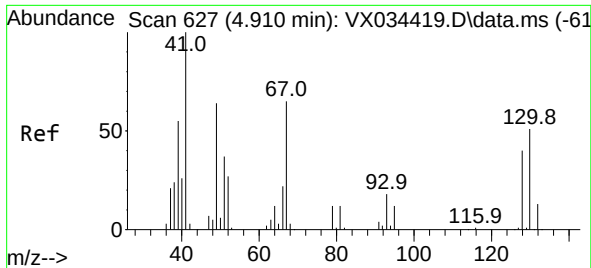
Tgt Ion: 78 Resp: 265856

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.4





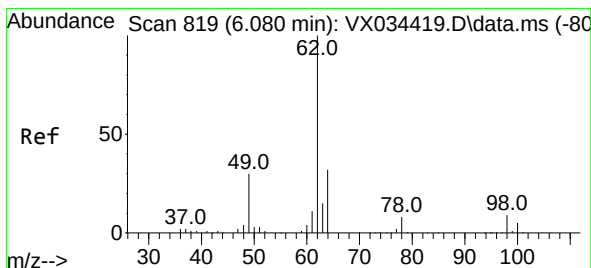
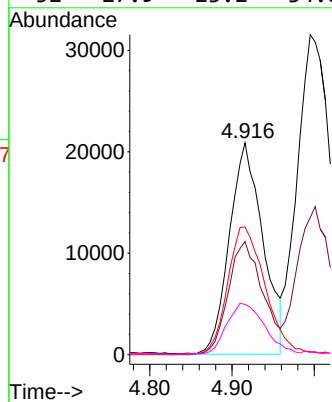
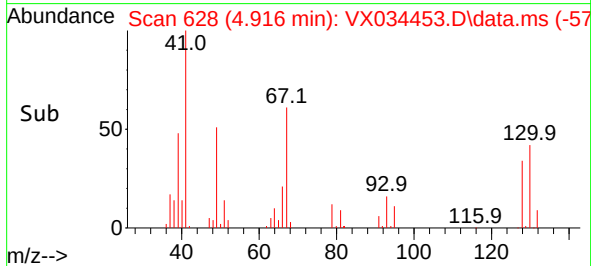
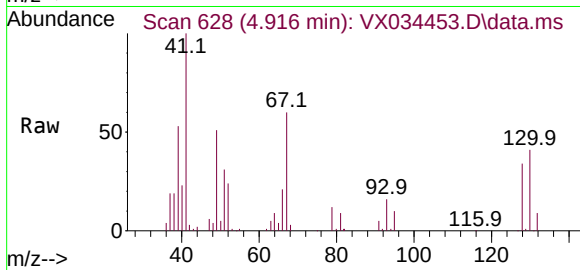
#41
Methacrylonitrile
Concen: 19.961 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01

Tgt Ion: 41	Resp: 5913
Ion Ratio	Lower Upper
41 100	
39 54.4	45.0 67.6
67 68.4	55.6 83.4
52 27.9	23.2 34.8

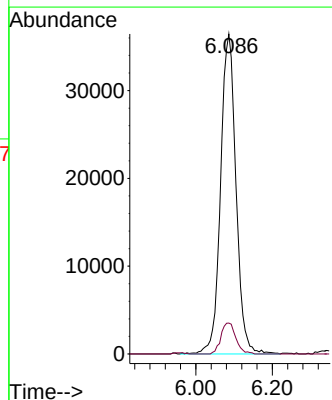
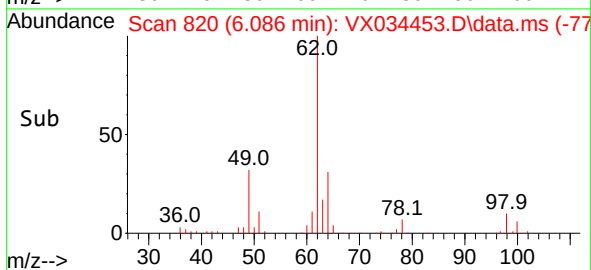
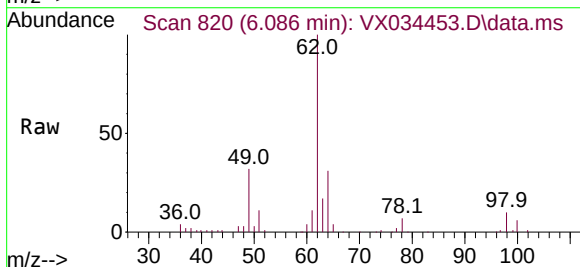
Manual Integrations
APPROVED

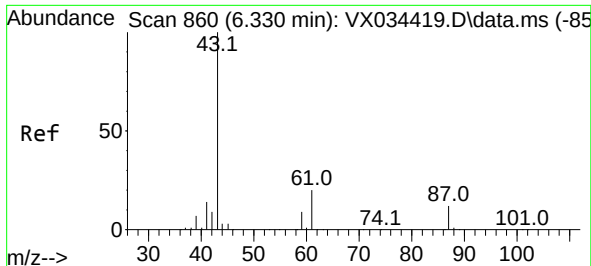
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#42
1,2-Dichloroethane
Concen: 19.202 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

Tgt Ion: 62	Resp: 102156
Ion Ratio	Lower Upper
62 100	
98 9.4	0.0 18.0





#43

Isopropyl Acetate

Concen: 18.965 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX034453.D

Acq: 14 Mar 2023 10:37

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD01

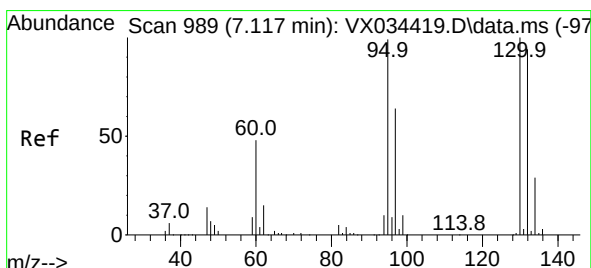
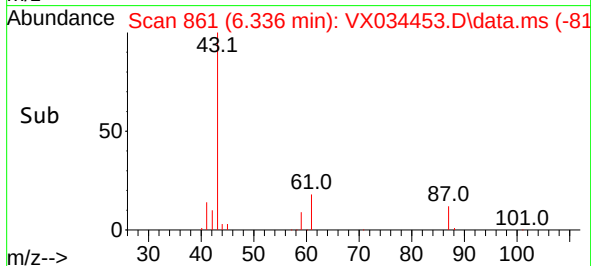
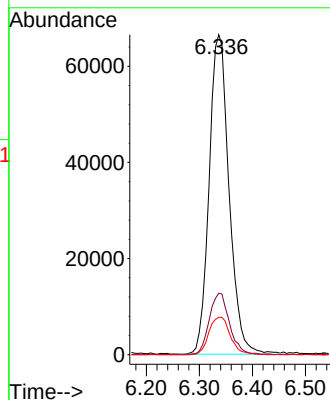
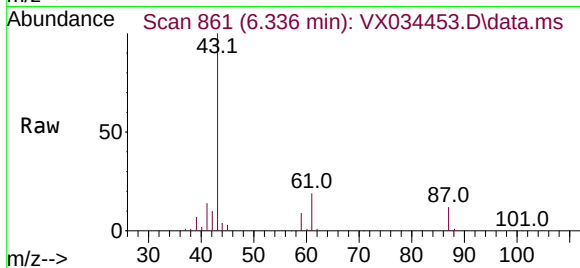
Tgt Ion: 43	Resp: 173679
Ion Ratio	Lower Upper
43 100	
61 19.5	15.2 22.8
87 12.5	9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#44

Trichloroethene

Concen: 17.320 ug/l

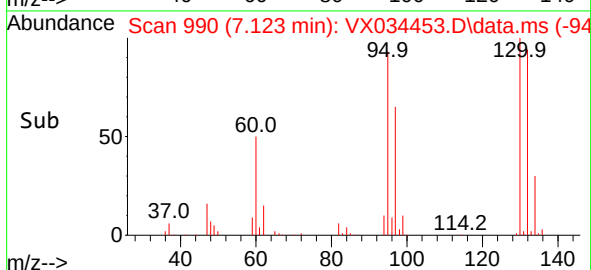
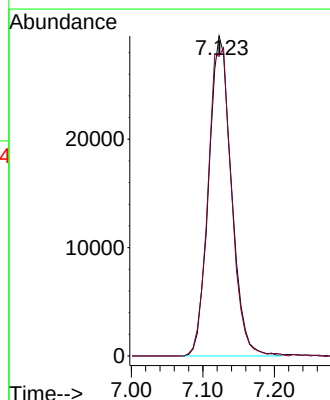
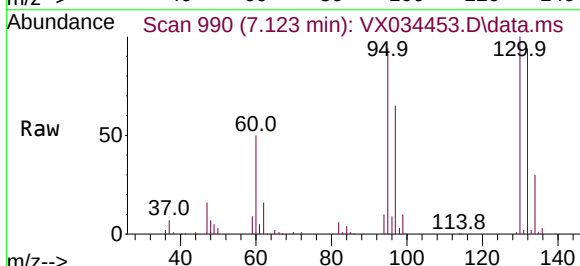
RT: 7.123 min Scan# 990

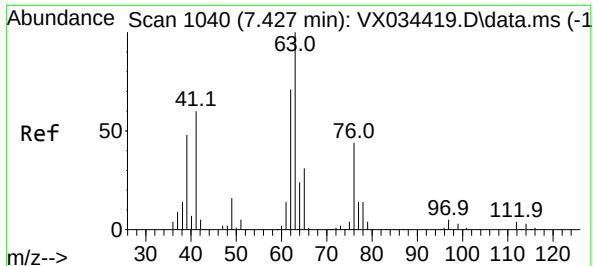
Delta R.T. 0.006 min

Lab File: VX034453.D

Acq: 14 Mar 2023 10:37

Tgt Ion:130	Resp: 65144
Ion Ratio	Lower Upper
130 100	
95 93.6	0.0 198.4





#45

1,2-Dichloropropane

Concen: 18.972 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034453.D

Acq: 14 Mar 2023 10:37

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD01

Tgt Ion: 63 Resp: 71709

Ion Ratio Lower Upper

63 100

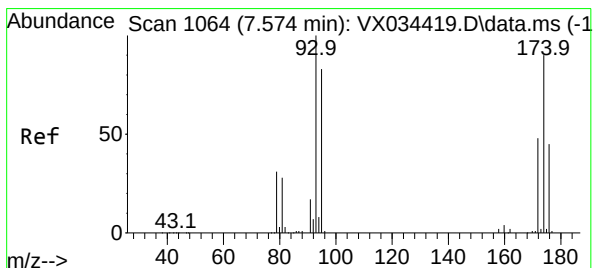
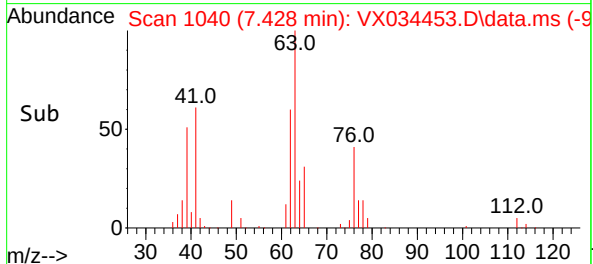
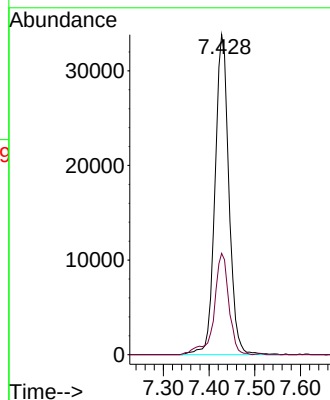
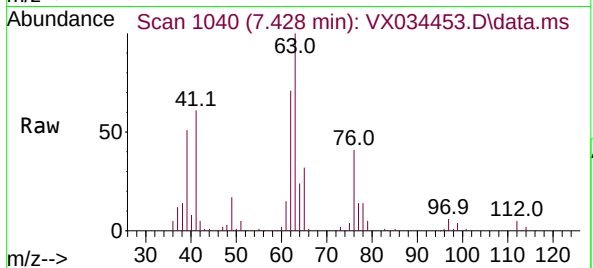
65 31.7 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#46

Dibromomethane

Concen: 19.024 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX034453.D

Acq: 14 Mar 2023 10:37

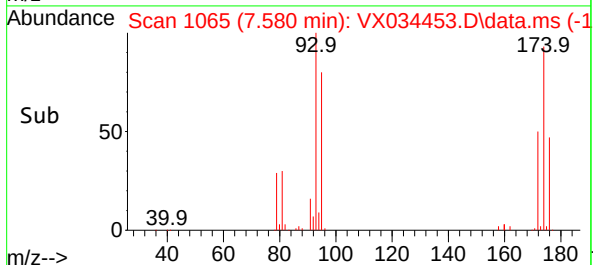
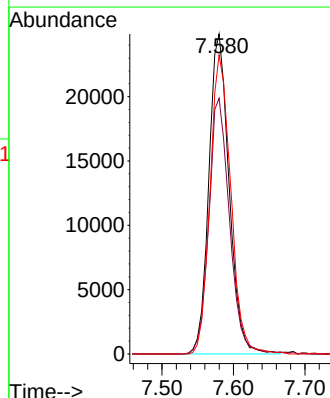
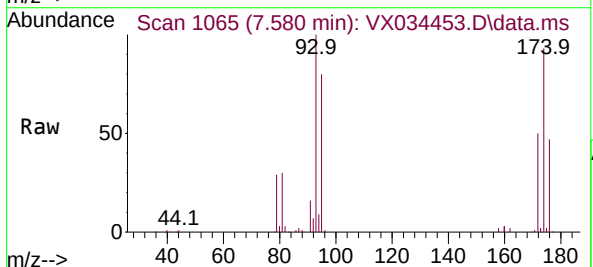
Tgt Ion: 93 Resp: 48885

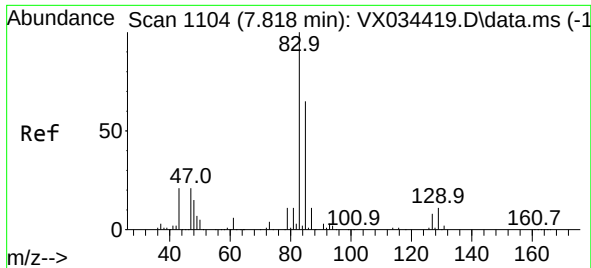
Ion Ratio Lower Upper

93 100

95 81.6 66.9 100.3

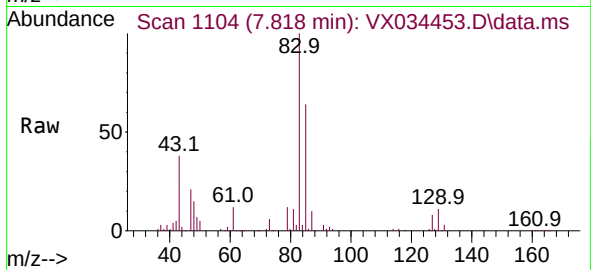
174 95.7 75.4 113.0





#47
Bromodichloromethane
Concen: 18.533 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

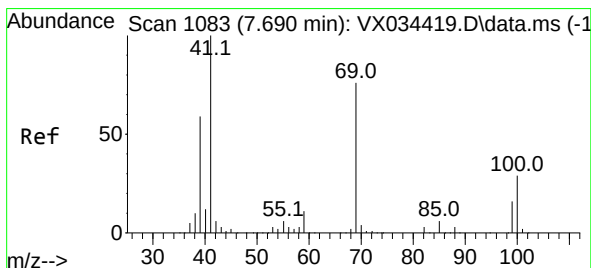
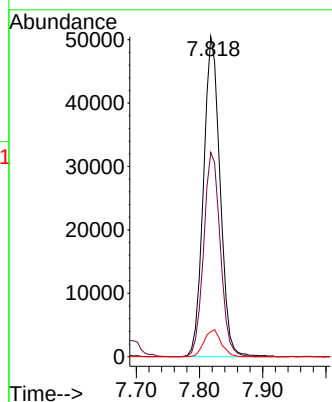
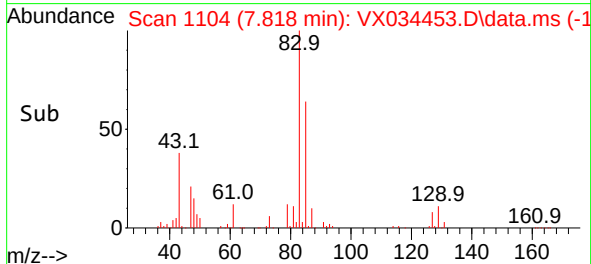
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



Tgt Ion: 83 Resp: 92160
Ion Ratio Lower Upper
83 100
85 63.8 52.2 78.4
127 7.8 6.6 9.8

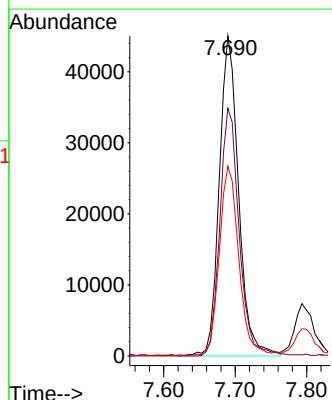
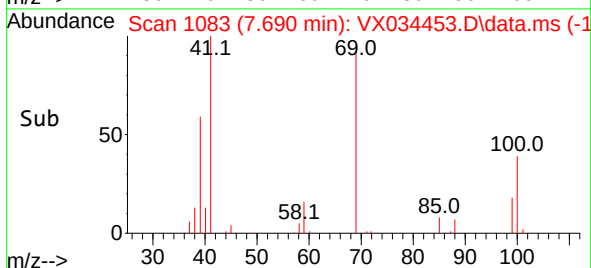
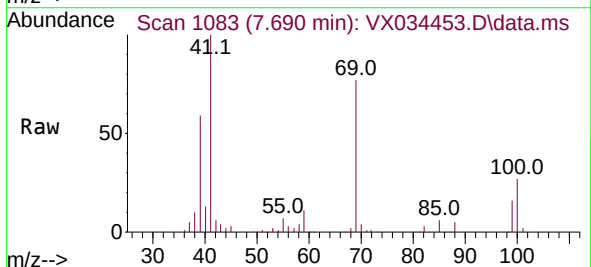
Manual Integrations
APPROVED

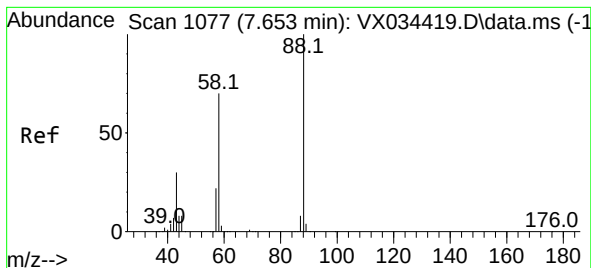
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#48
Methyl methacrylate
Concen: 19.126 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

Tgt Ion: 41 Resp: 84241
Ion Ratio Lower Upper
41 100
69 77.5 62.2 93.4
39 59.4 47.7 71.5





#49

1,4-Dioxane

Concen: 418.526 ug/l

RT: 7.659 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VX034453.D

Acq: 14 Mar 2023 10:37

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD01

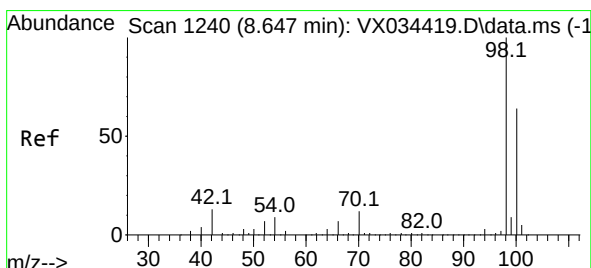
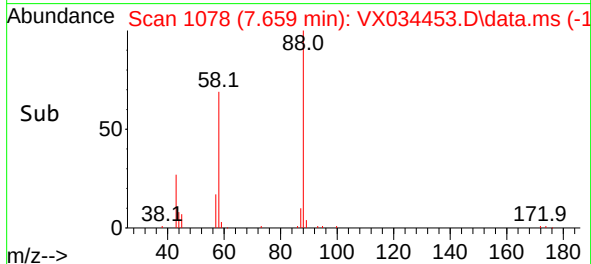
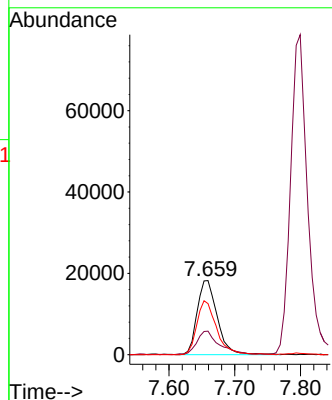
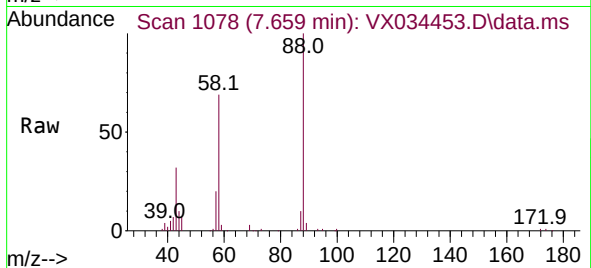
Tgt Ion	Ratio	Lower	Upper
88	100		
43	36.0	27.7	41.5
58	70.8	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#50

Toluene-d8

Concen: 45.560 ug/l

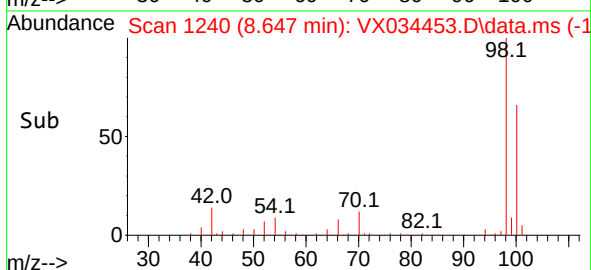
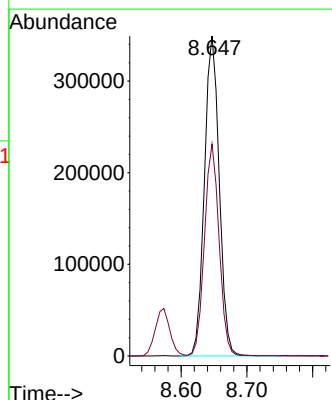
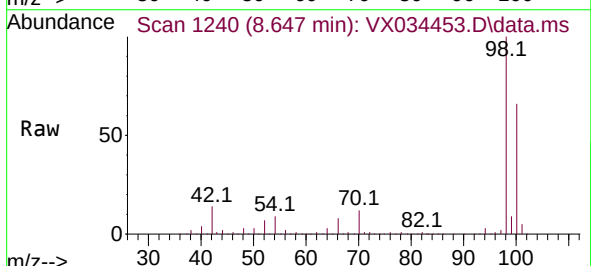
RT: 8.647 min Scan# 1240

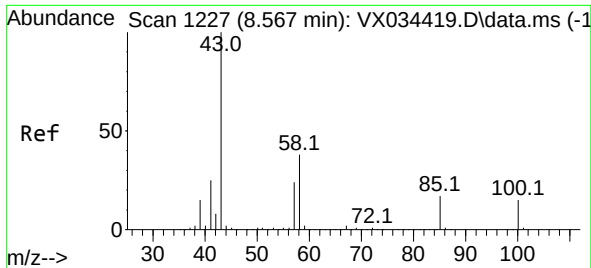
Delta R.T. 0.000 min

Lab File: VX034453.D

Acq: 14 Mar 2023 10:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 101.168 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

Instrument :

MSVOA_X

ClientSampleId :

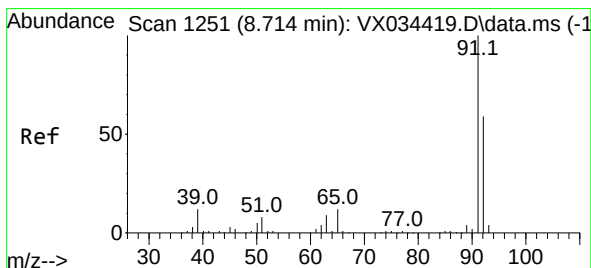
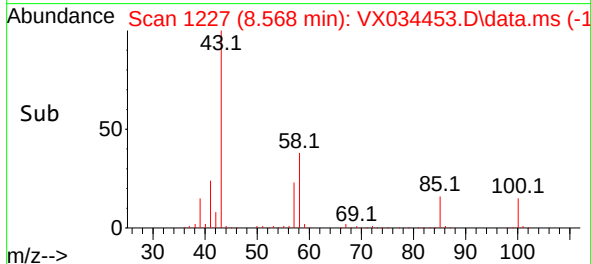
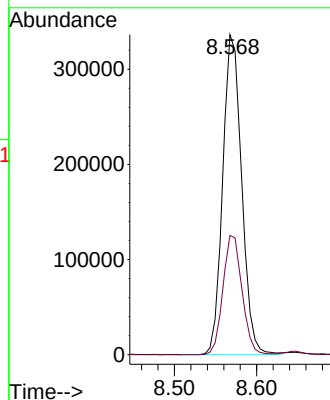
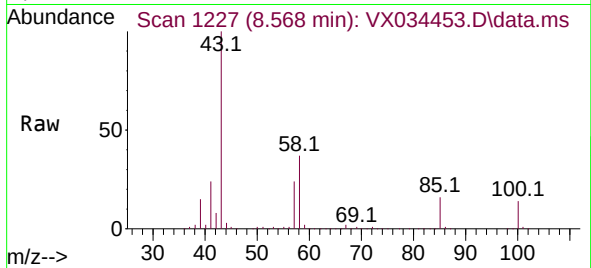
VX0314WBSD01

Tgt Ion: 43 Resp: 53746
Ion Ratio Lower Upper
43 100
58 37.6 30.6 46.0

Manual Integrations

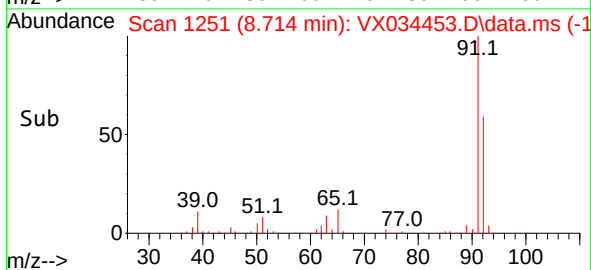
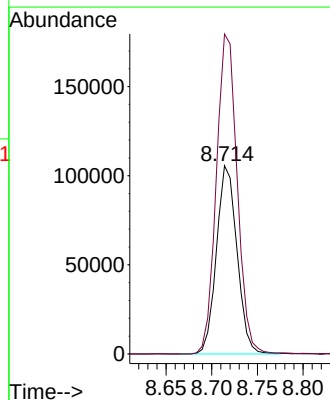
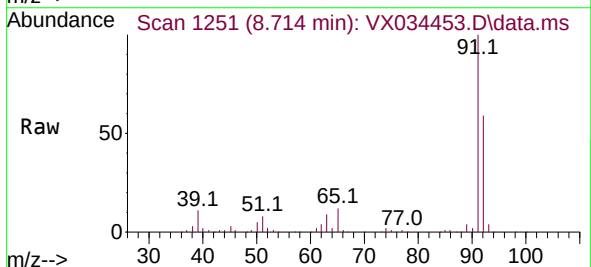
APPROVED

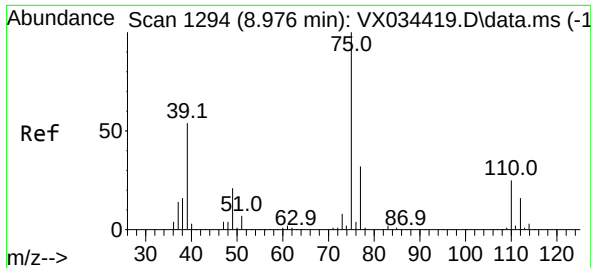
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#52
Toluene
Concen: 18.447 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

Tgt Ion: 92 Resp: 165321
Ion Ratio Lower Upper
92 100
91 172.9 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 18.548 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034453.D

Acq: 14 Mar 2023 10:37

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD01

Tgt Ion: 75 Resp: 103920

Ion Ratio Lower Upper

75 100

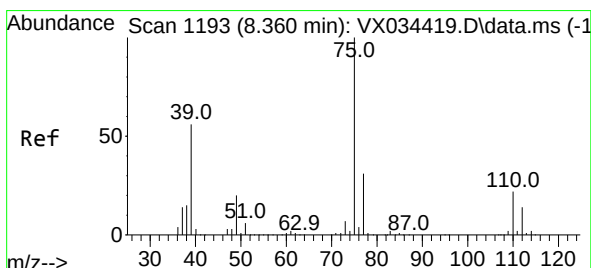
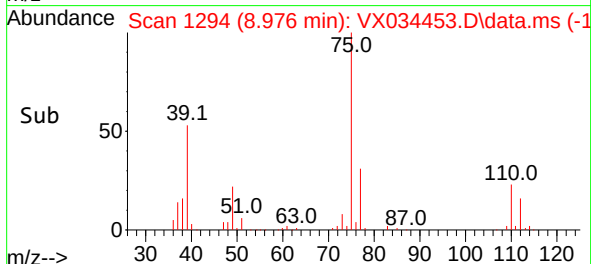
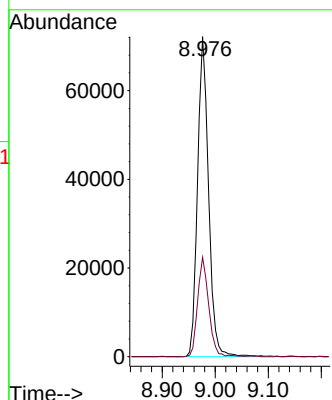
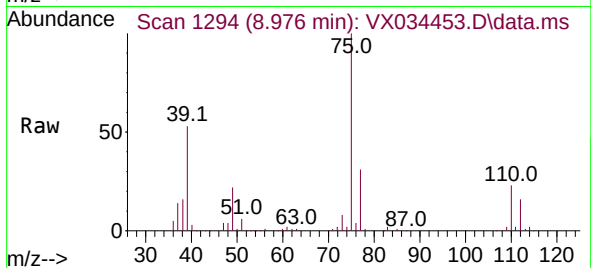
77 31.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#54

cis-1,3-Dichloropropene

Concen: 18.417 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX034453.D

Acq: 14 Mar 2023 10:37

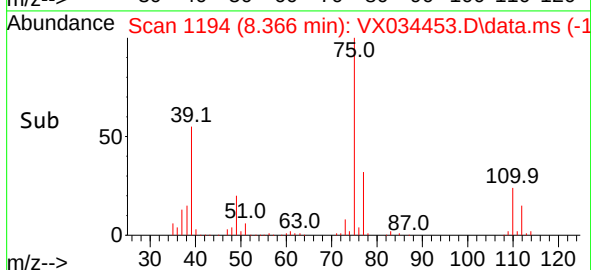
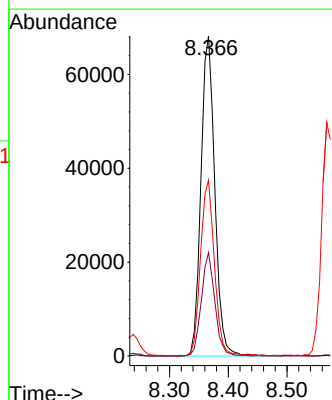
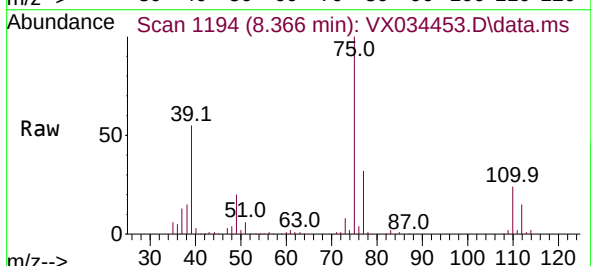
Tgt Ion: 75 Resp: 111636

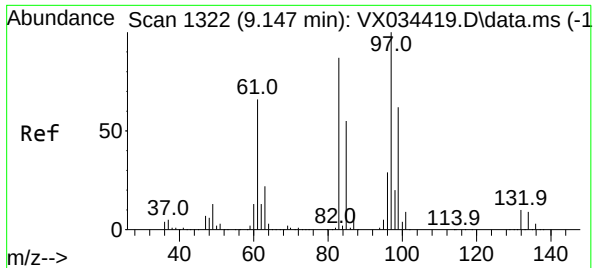
Ion Ratio Lower Upper

75 100

77 32.3 25.0 37.4

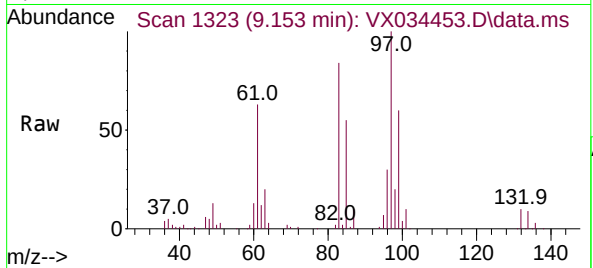
39 54.8 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 19.843 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

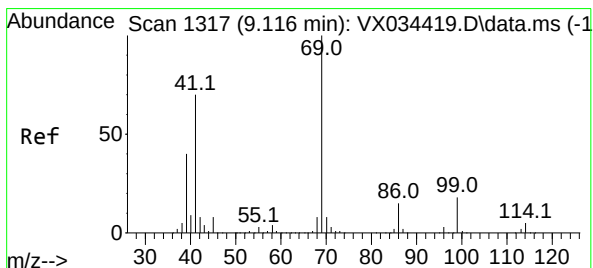
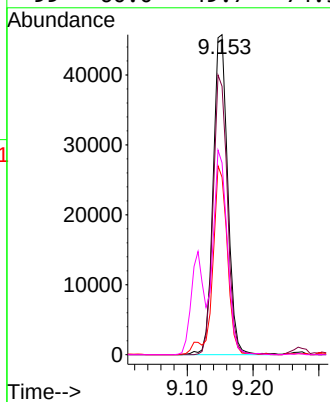
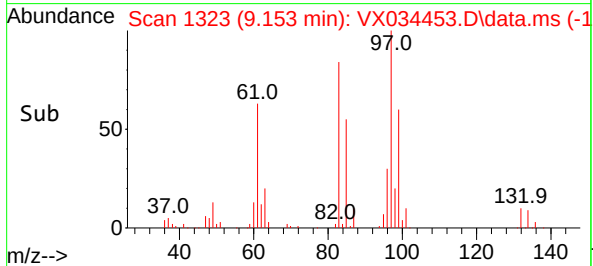
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



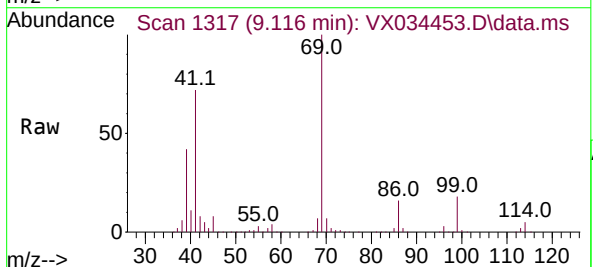
Tgt Ion: 97 Resp: 70579
Ion Ratio Lower Upper
97 100
83 83.8 69.7 104.5
85 55.5 43.7 65.5
99 60.0 49.7 74.5

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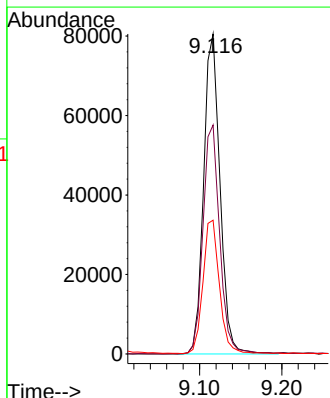
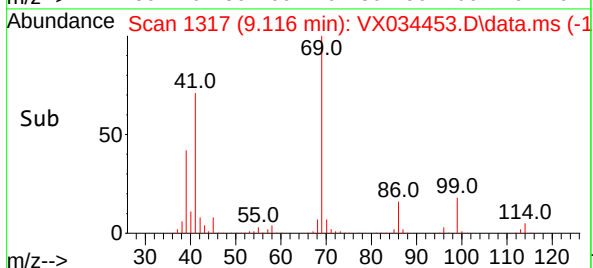
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

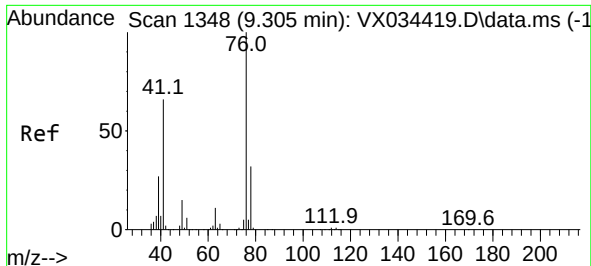


#56
Ethyl methacrylate
Concen: 19.065 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37



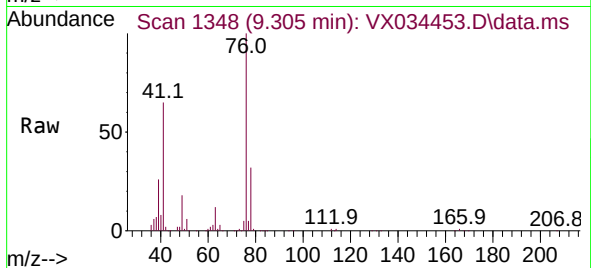
Tgt Ion: 69 Resp: 111333
Ion Ratio Lower Upper
69 100
41 73.7 57.4 86.0
39 42.1 33.7 50.5





#57
1,3-Dichloropropane
Concen: 19.377 ug/l
RT: 9.305 min Scan# 11348
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

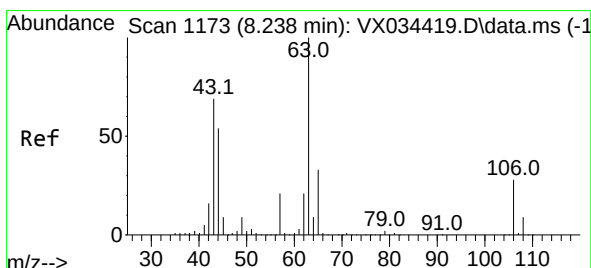
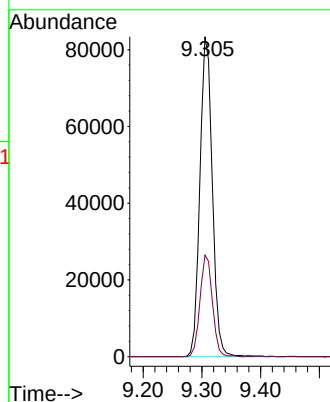
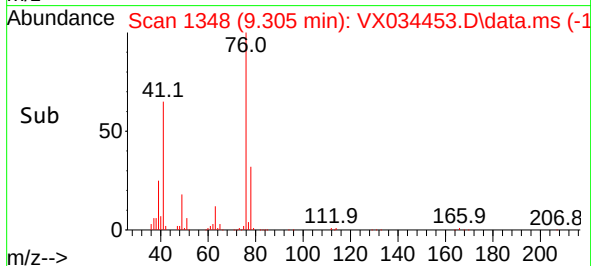
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



Tgt Ion: 76 Resp: 12248
Ion Ratio Lower Upper
76 100
78 31.7 25.8 38.8

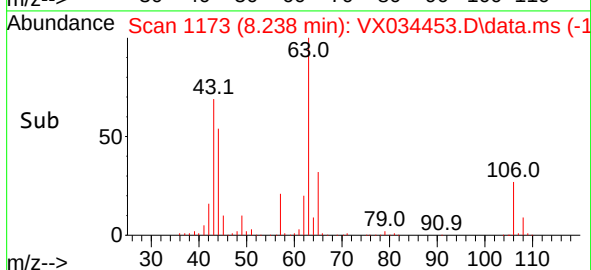
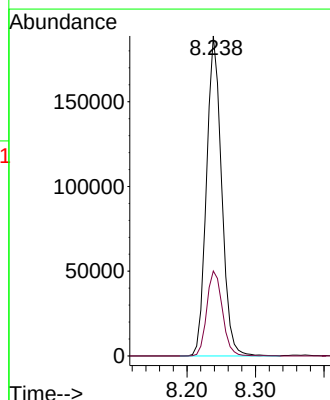
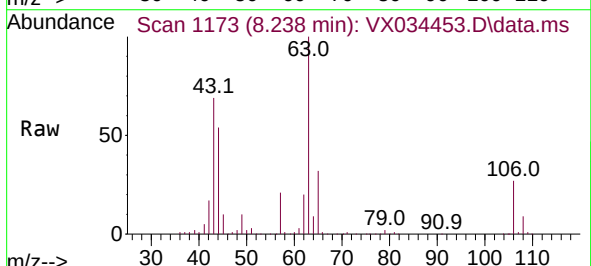
Manual Integrations
APPROVED

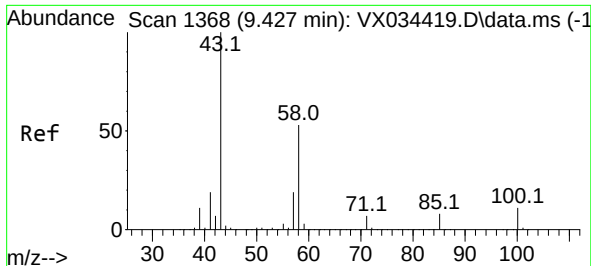
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#58
2-Chloroethyl Vinyl ether
Concen: 96.501 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

Tgt Ion: 63 Resp: 290423
Ion Ratio Lower Upper
63 100
106 27.4 22.2 33.2





#59

2-Hexanone

Concen: 99.197 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX034453.D

Acq: 14 Mar 2023 10:37

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD01

Tgt Ion: 43 Resp: 40737

Ion Ratio Lower Upper

43 100

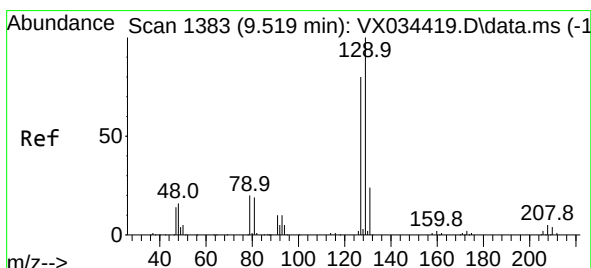
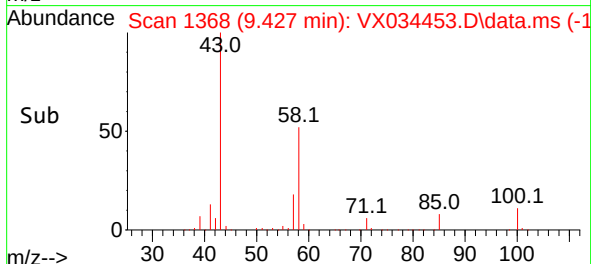
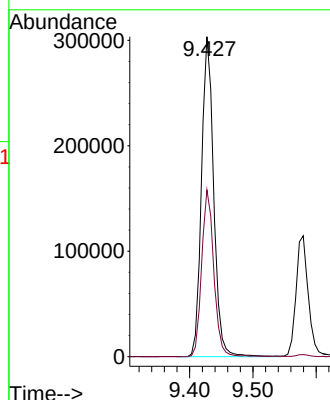
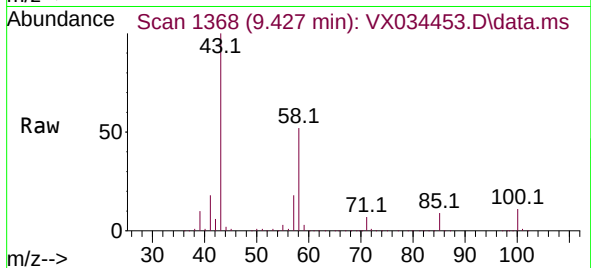
58 52.1 26.3 78.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#60

Dibromochloromethane

Concen: 18.851 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX034453.D

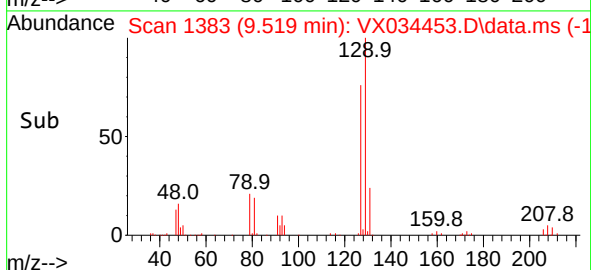
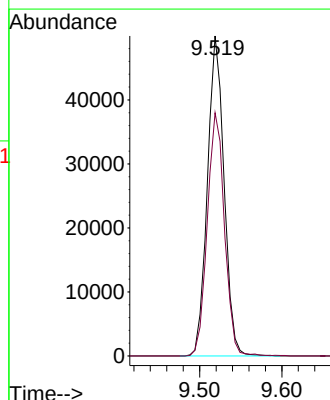
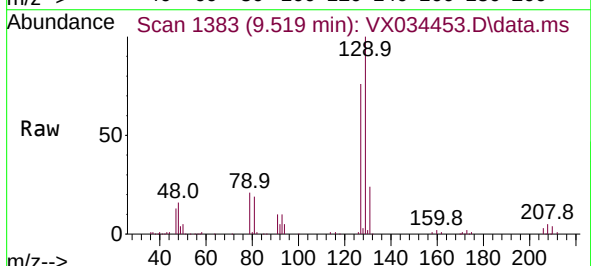
Acq: 14 Mar 2023 10:37

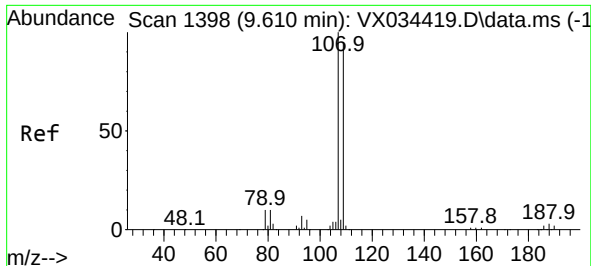
Tgt Ion:129 Resp: 70317

Ion Ratio Lower Upper

129 100

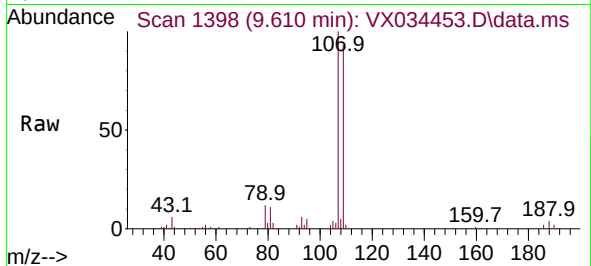
127 78.4 39.0 117.0





#61
1,2-Dibromoethane
Concen: 19.038 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

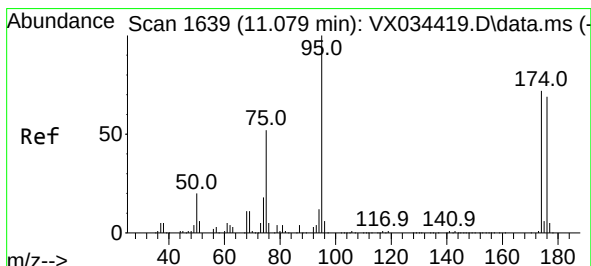
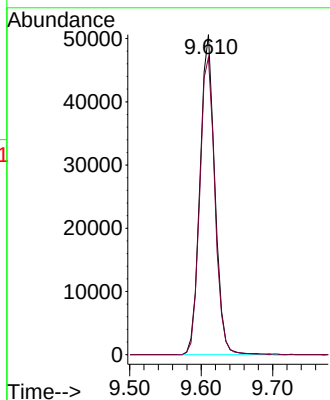
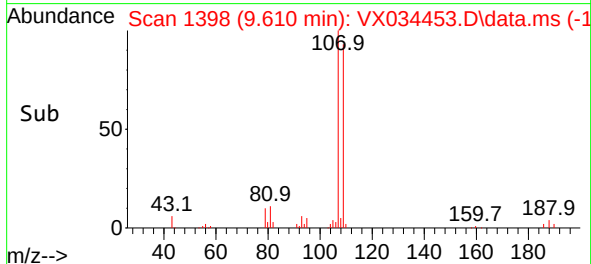
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



Tgt Ion:107 Resp: 73069
Ion Ratio Lower Upper
107 100
109 95.0 75.3 112.9

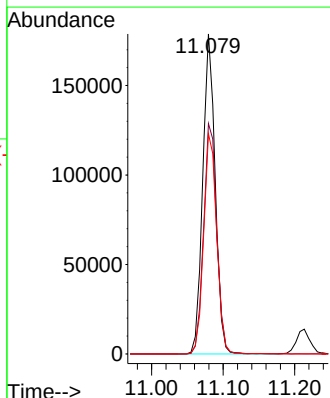
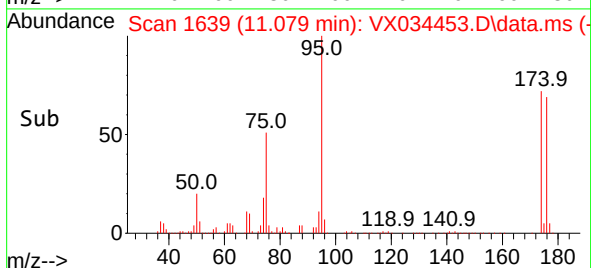
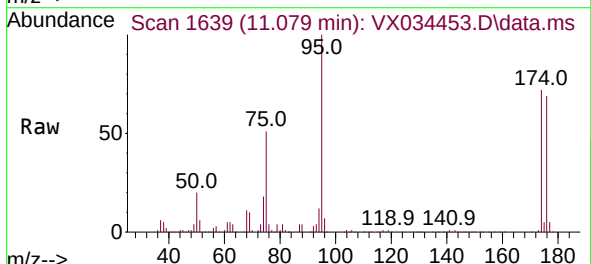
Manual Integrations
APPROVED

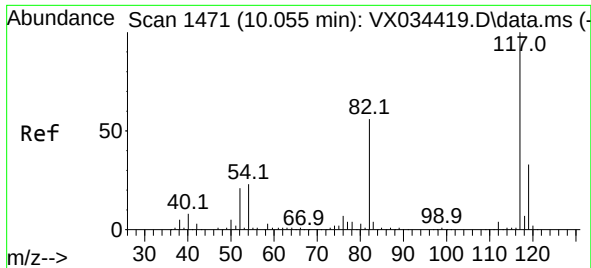
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#62
4-Bromofluorobenzene
Concen: 44.524 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

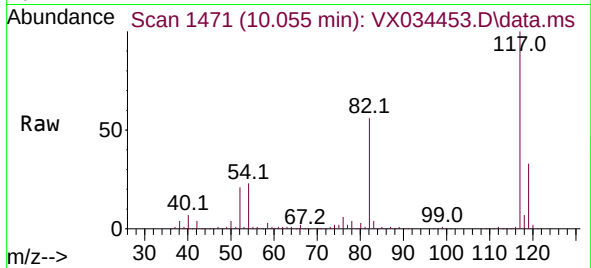
Tgt Ion: 95 Resp: 216293
Ion Ratio Lower Upper
95 100
174 75.8 0.0 147.4
176 71.9 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

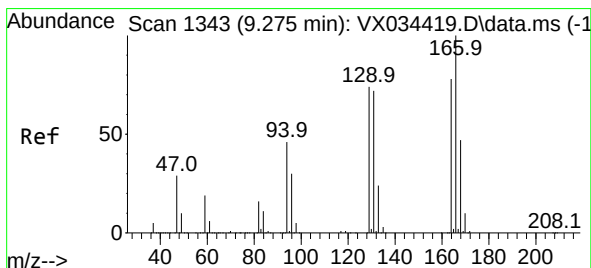
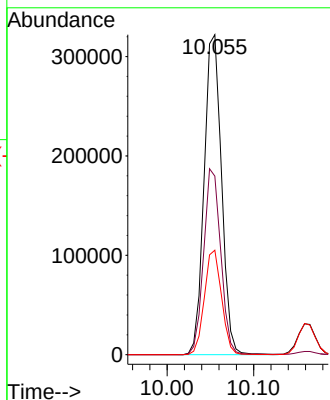
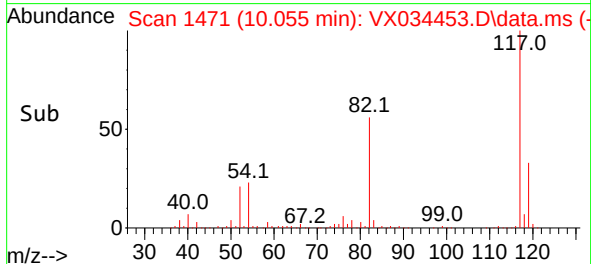
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



Tgt Ion:117 Resp: 449689
Ion Ratio Lower Upper
117 100
82 55.8 45.0 67.4
119 32.7 26.0 39.0

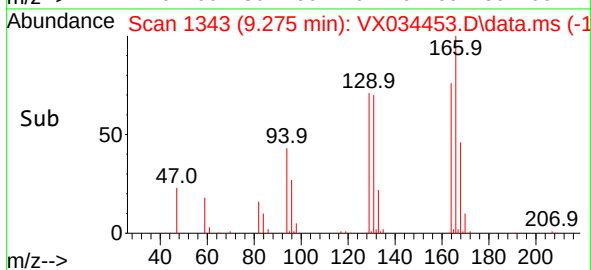
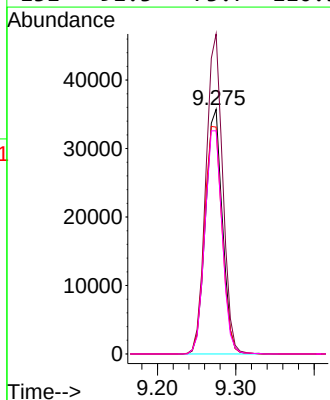
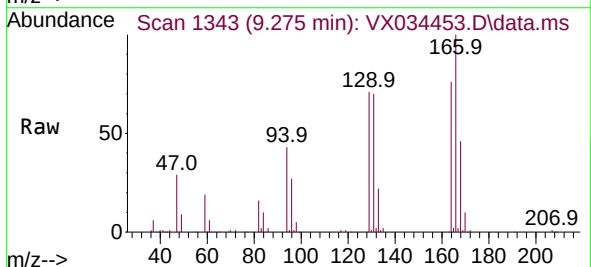
Manual Integrations
APPROVED

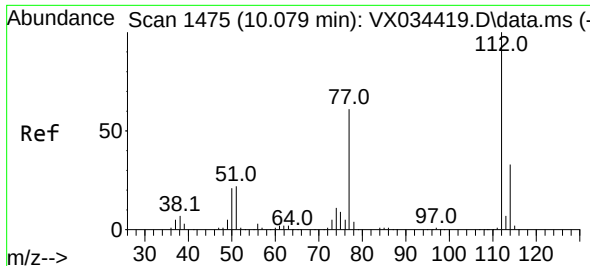
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#64
Tetrachloroethene
Concen: 17.571 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

Tgt Ion:164 Resp: 53078
Ion Ratio Lower Upper
164 100
166 130.8 102.7 154.1
129 92.8 75.6 113.4
131 91.3 73.7 110.5





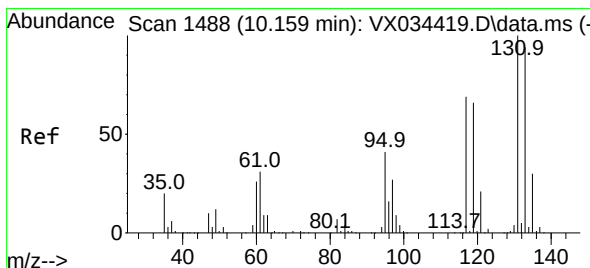
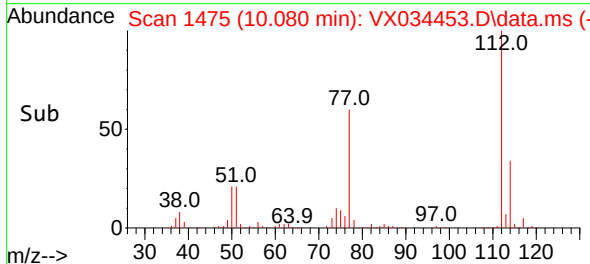
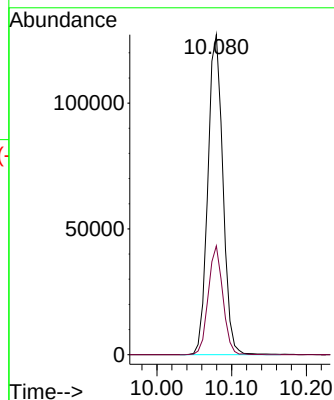
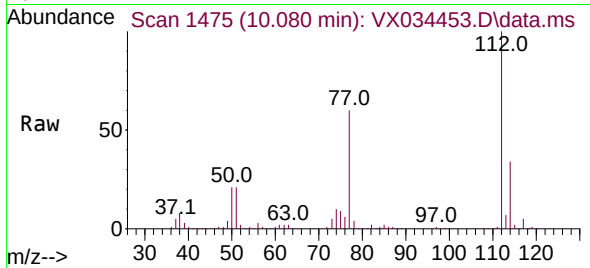
#65
Chlorobenzene
Concen: 18.019 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01

Tgt Ion:112 Resp: 177789
Ion Ratio Lower Upper
112 100
114 34.0 26.2 39.2

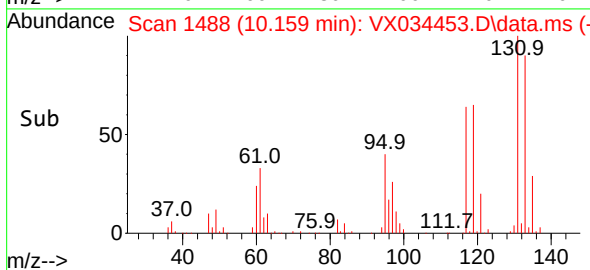
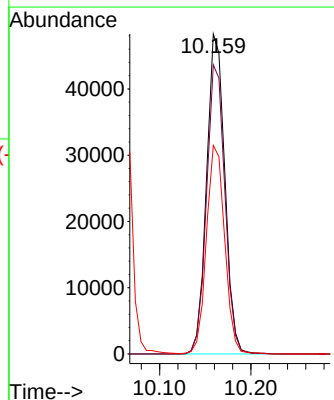
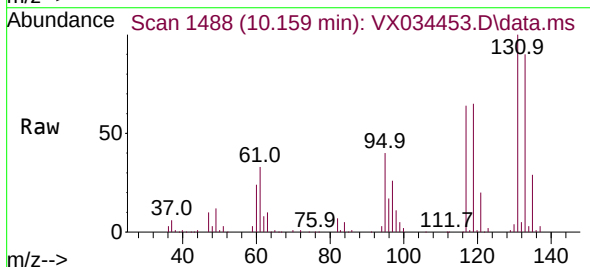
Manual Integrations
APPROVED

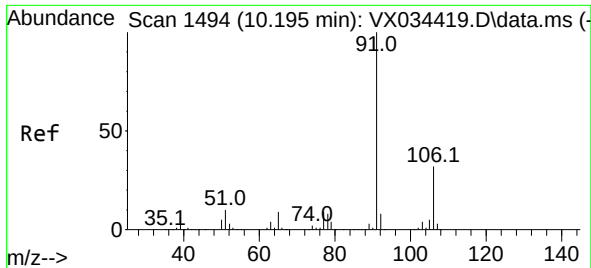
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.614 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

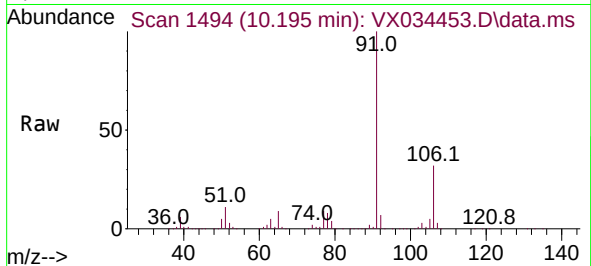
Tgt Ion:131 Resp: 66889
Ion Ratio Lower Upper
131 100
133 91.4 47.1 141.4
119 65.6 32.6 98.0





#67
Ethyl Benzene
Concen: 18.011 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

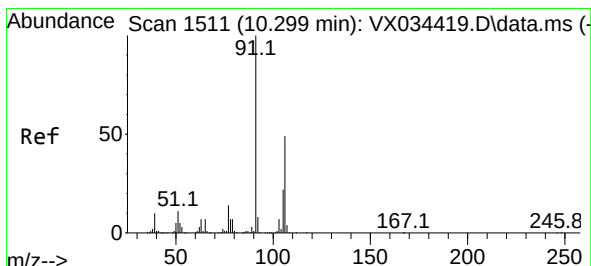
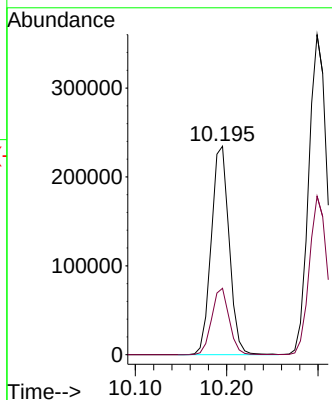
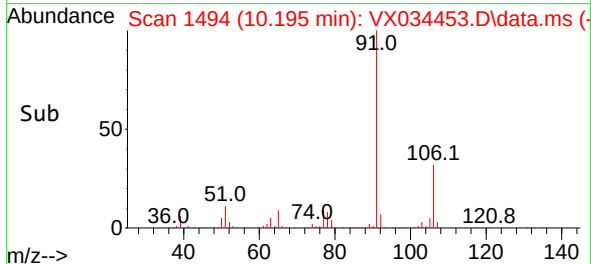
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



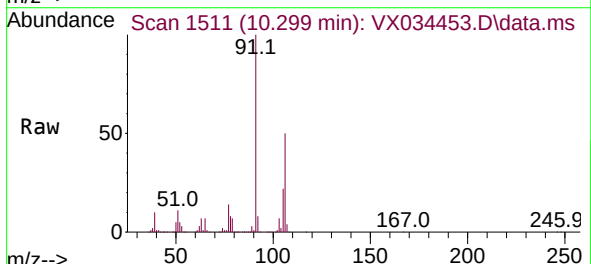
Tgt Ion: 91 Resp: 318140
Ion Ratio Lower Upper
91 100
106 31.9 25.6 38.4

Manual Integrations
APPROVED

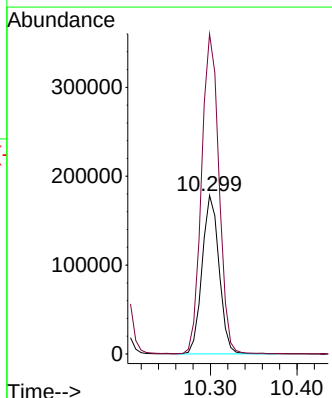
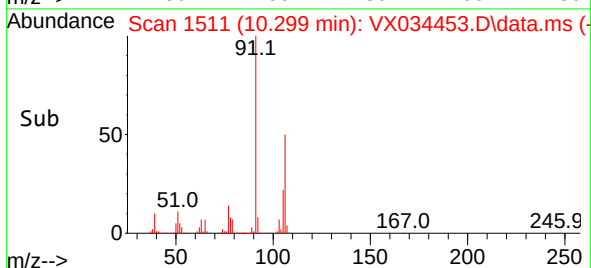
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

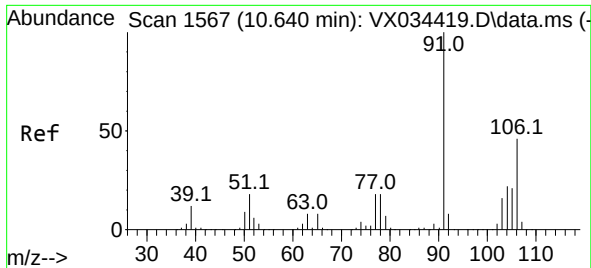


#68
m/p-Xylenes
Concen: 35.755 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37



Tgt Ion:106 Resp: 242607
Ion Ratio Lower Upper
106 100
91 207.1 164.0 246.0





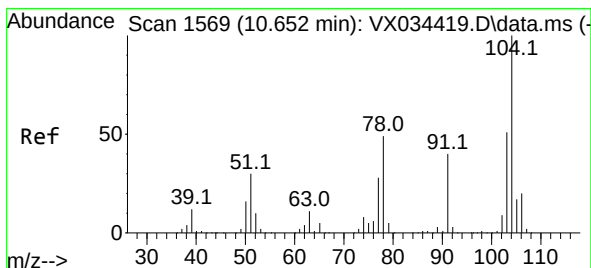
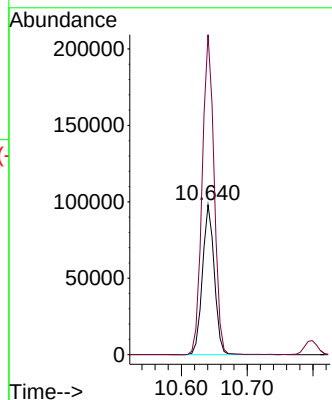
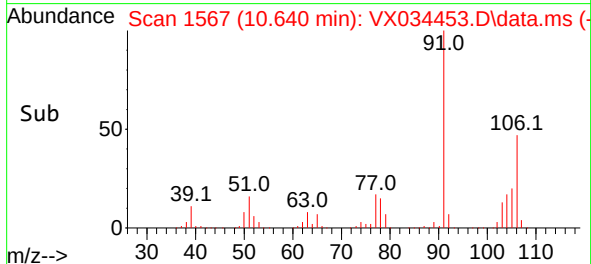
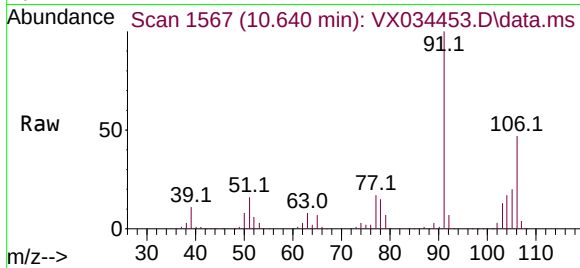
#69
o-Xylene
Concen: 18.023 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01

Tgt Ion:106 Resp: 122724
Ion Ratio Lower Upper
106 100
91 214.6 108.5 325.3

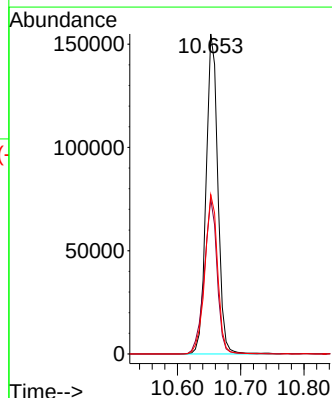
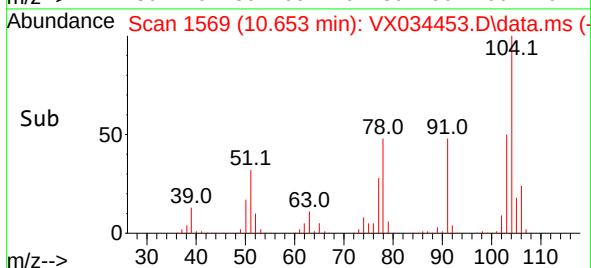
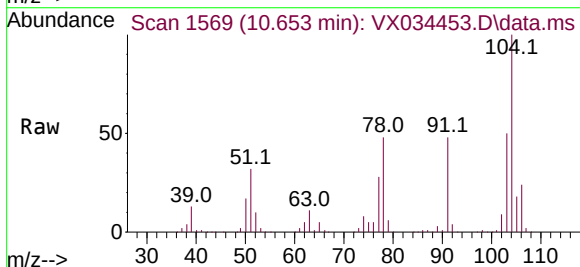
Manual Integrations
APPROVED

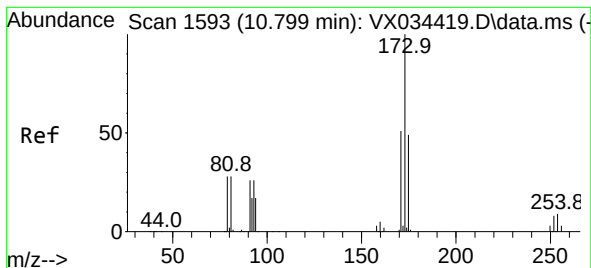
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#70
Styrene
Concen: 18.294 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

Tgt Ion:104 Resp: 200974
Ion Ratio Lower Upper
104 100
78 52.9 43.4 65.2
103 54.2 44.2 66.2





#71

Bromoform

Concen: 18.293 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034453.D

Acq: 14 Mar 2023 10:37

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD01

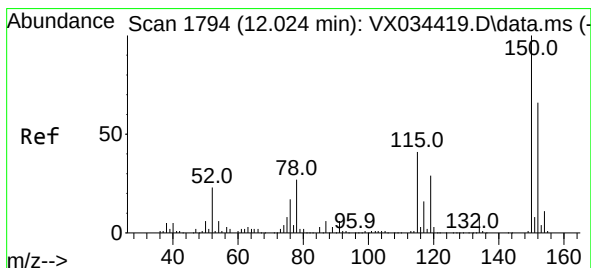
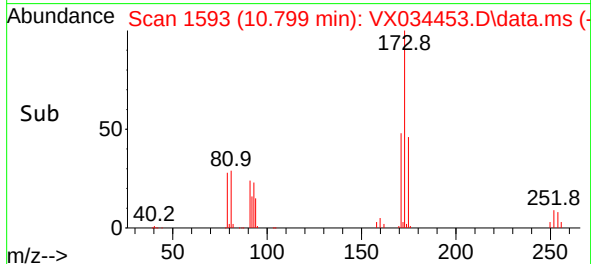
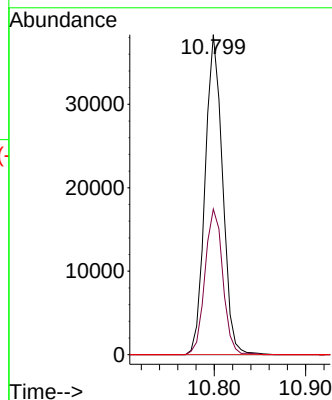
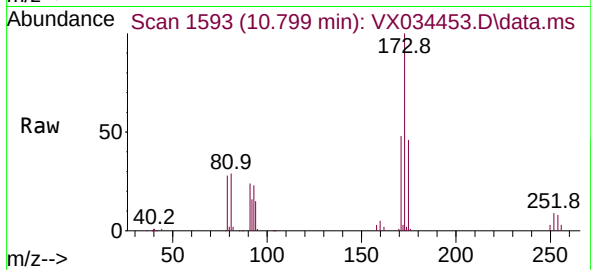
Tgt Ion:173 Resp: 50600
 Ion Ratio Lower Upper
 173 100
 175 46.6 24.1 72.4
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

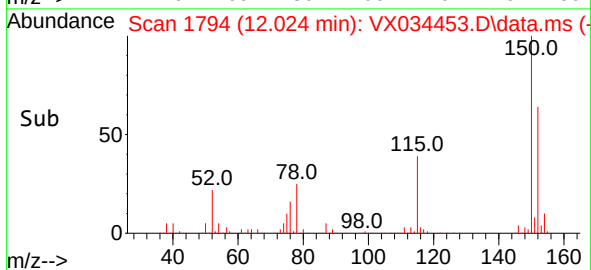
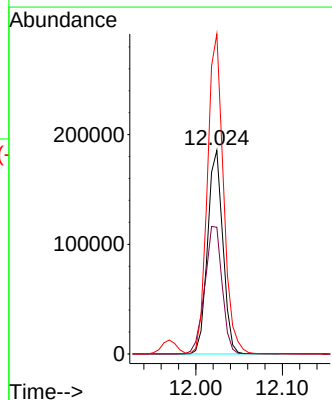
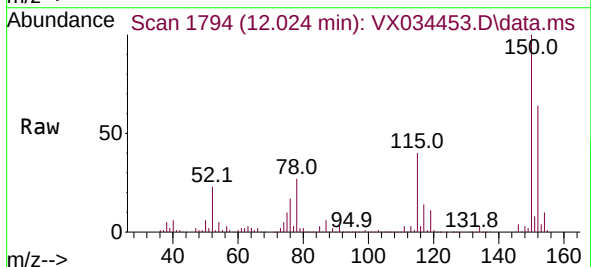
RT: 12.024 min Scan# 1794

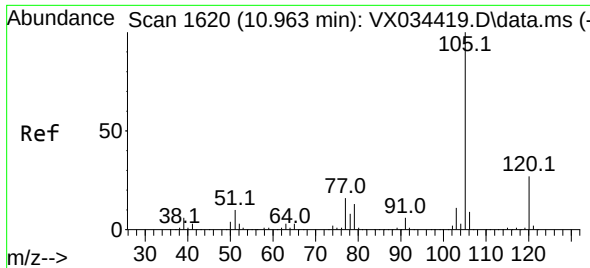
Delta R.T. 0.000 min

Lab File: VX034453.D

Acq: 14 Mar 2023 10:37

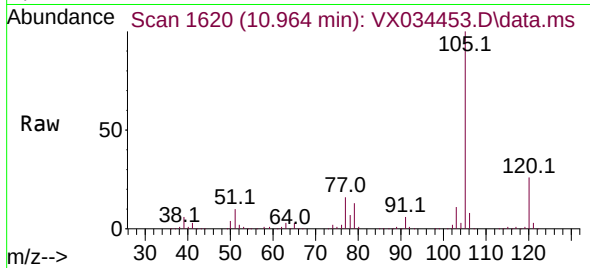
Tgt Ion:152 Resp: 227669
 Ion Ratio Lower Upper
 152 100
 115 71.2 45.0 135.0
 150 164.3 0.0 352.4





#73
Isopropylbenzene
Concen: 17.957 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

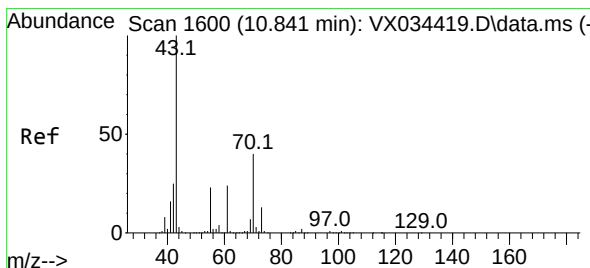
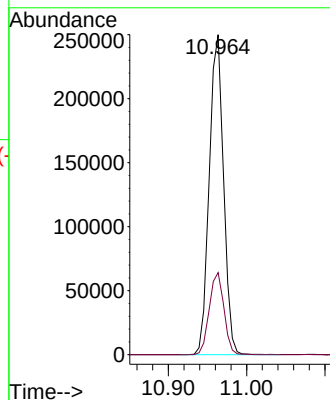
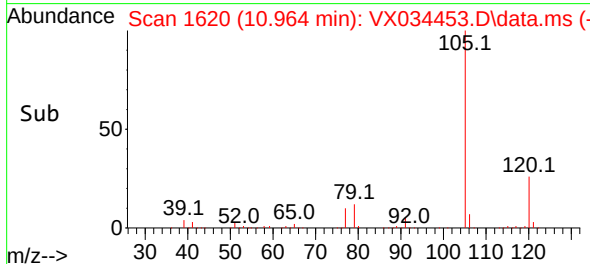
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



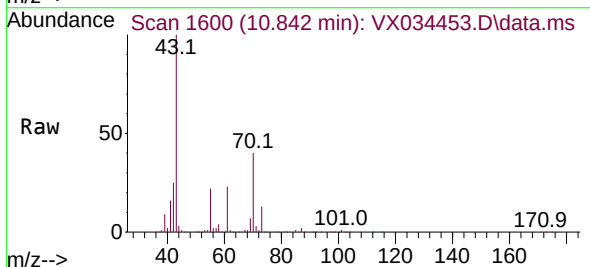
Tgt Ion:105 Resp: 315980
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.9

Manual Integrations
APPROVED

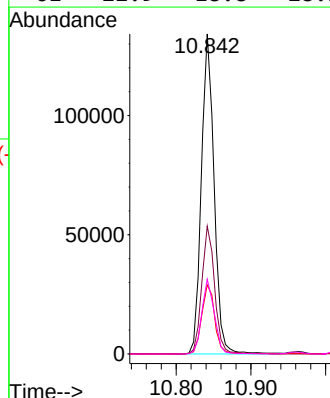
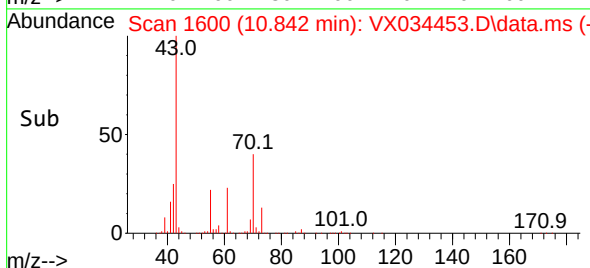
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

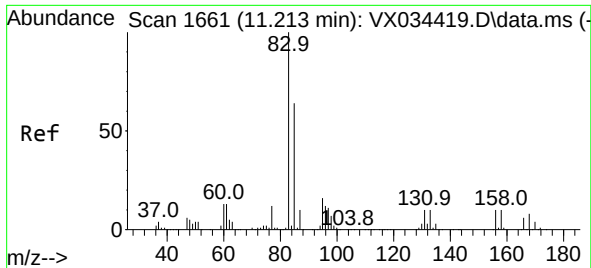


#74
N-ethyl acetate
Concen: 18.857 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37



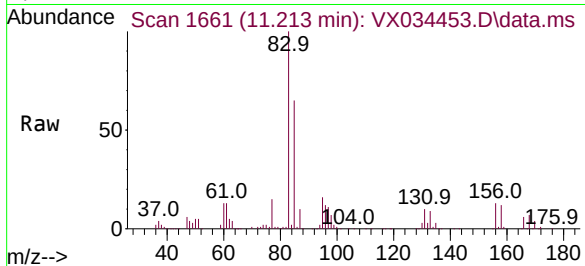
Tgt Ion: 43 Resp: 158925
Ion Ratio Lower Upper
43 100
70 40.3 32.1 48.1
55 22.3 18.3 27.5
61 22.9 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.437 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

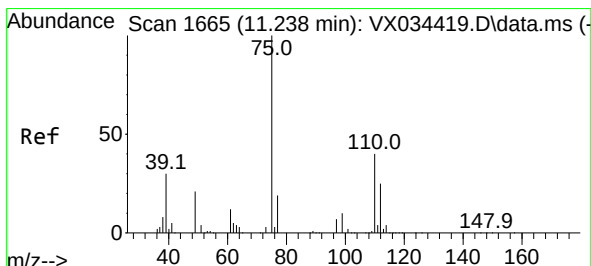
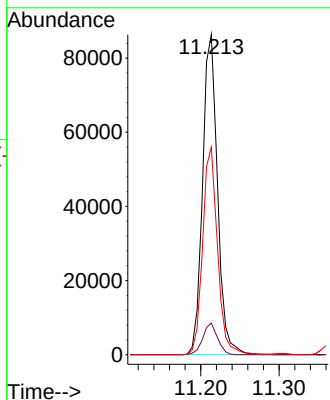
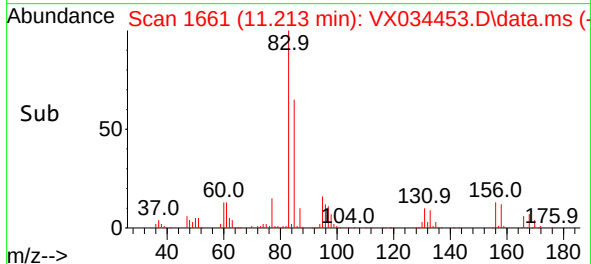
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



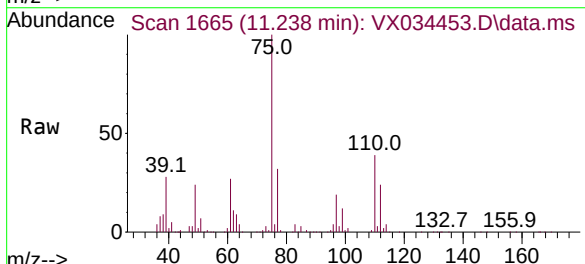
Tgt Ion: 83 Resp: 114129
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.3
85 64.3 32.0 96.0

Manual Integrations
APPROVED

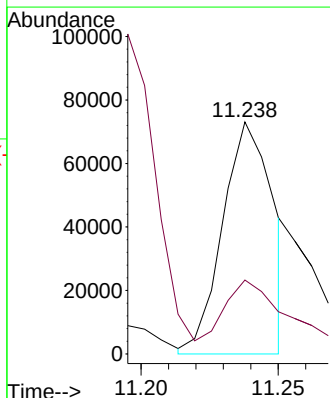
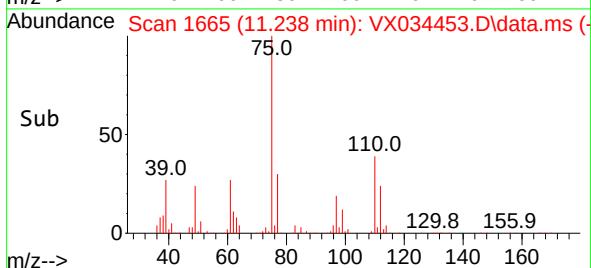
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

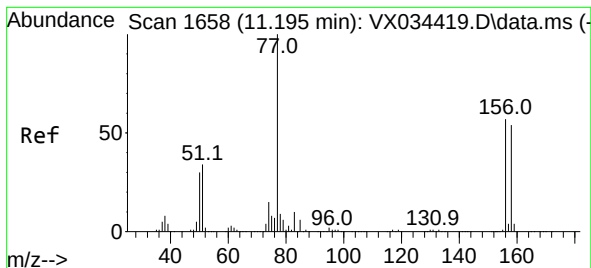


#76
1,2,3-Trichloropropane
Concen: 17.856 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37



Tgt Ion: 75 Resp: 93344
Ion Ratio Lower Upper
75 100
77 42.2 21.6 64.8





#77

Bromobenzene

Concen: 18.447 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034453.D

Acq: 14 Mar 2023 10:37

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD01

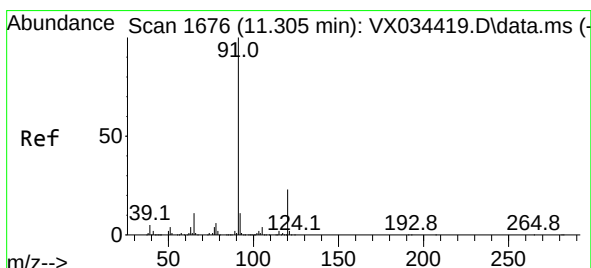
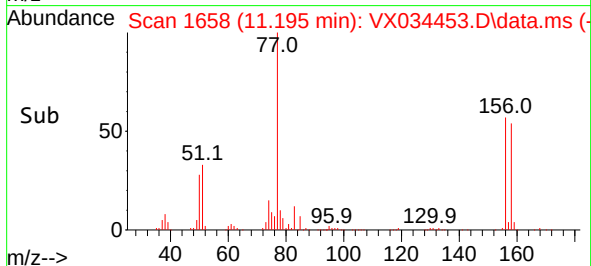
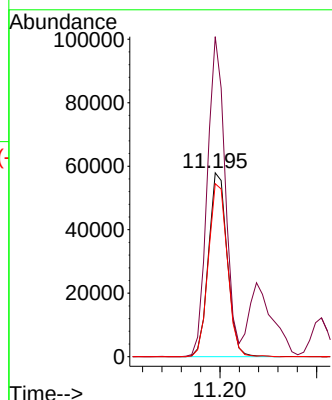
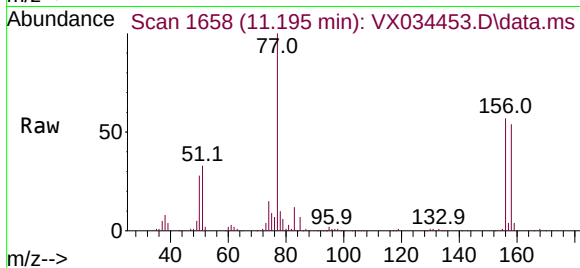
Tgt Ion:	156	Resp:	77878
Ion Ratio	Lower	Upper	
156	100		
77	165.8	86.7	259.9
158	95.6	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#78

n-propylbenzene

Concen: 18.206 ug/l

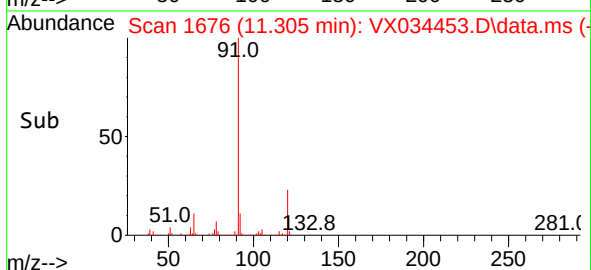
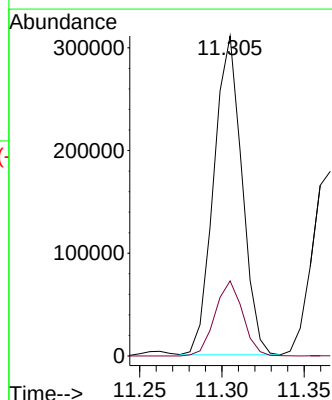
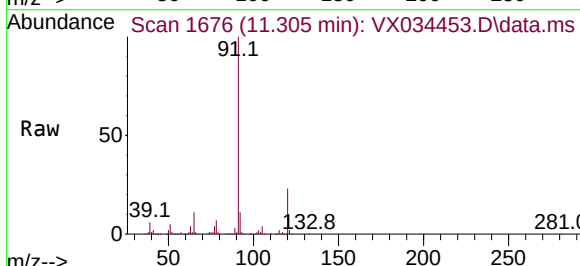
RT: 11.305 min Scan# 1676

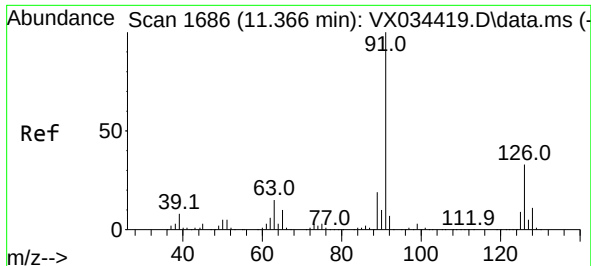
Delta R.T. 0.000 min

Lab File: VX034453.D

Acq: 14 Mar 2023 10:37

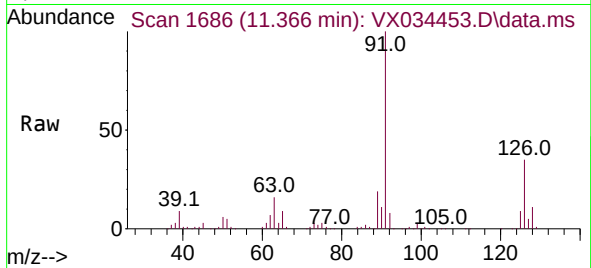
Tgt Ion:	91	Resp:	369980
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.5	34.5





#79
2-Chlorotoluene
Concen: 18.043 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

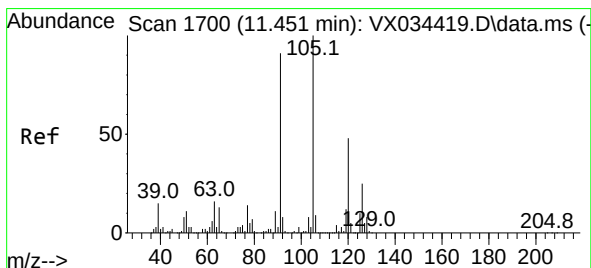
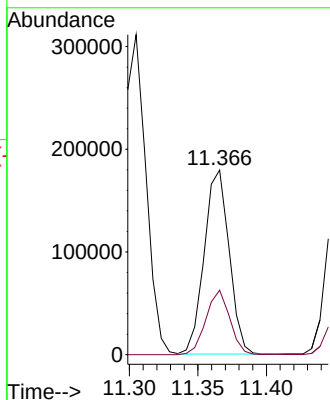
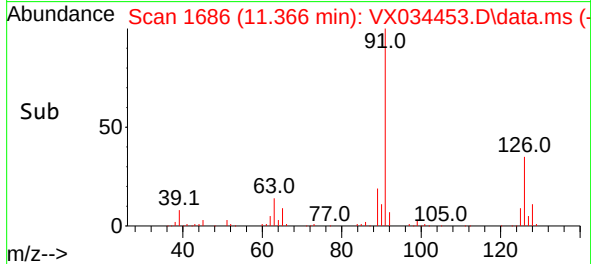
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



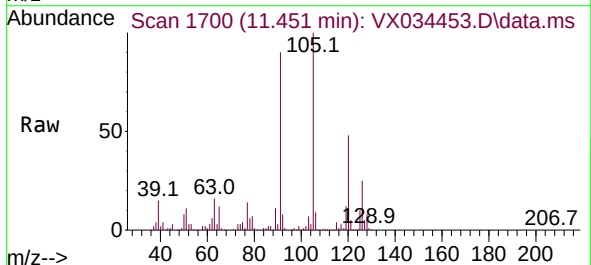
Tgt Ion: 91 Resp: 226440
Ion Ratio Lower Upper
91 100
126 33.7 16.3 48.9

Manual Integrations
APPROVED

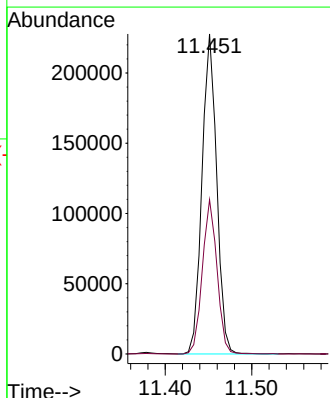
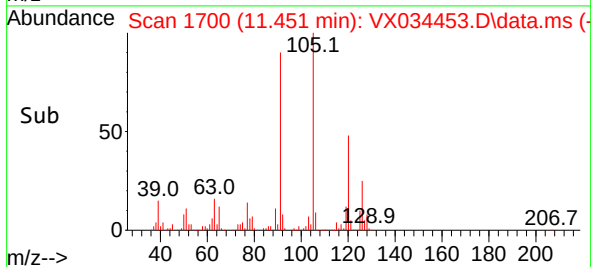
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

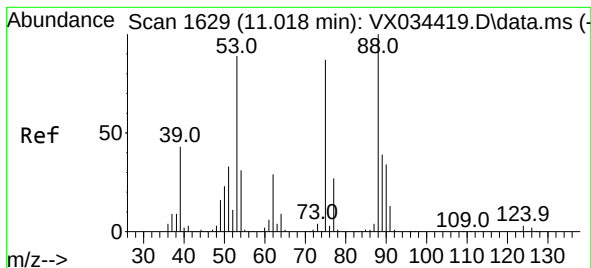


#80
1,3,5-Trimethylbenzene
Concen: 18.202 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37



Tgt Ion:105 Resp: 268649
Ion Ratio Lower Upper
105 100
120 48.0 23.7 71.1





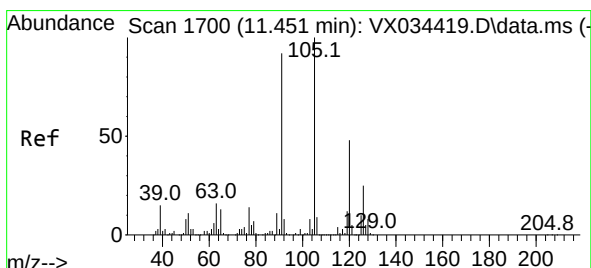
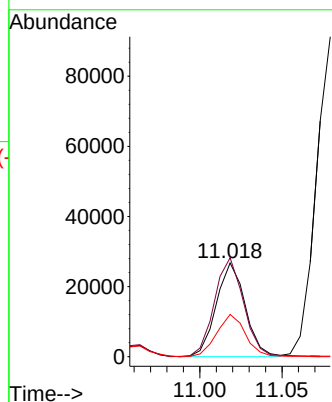
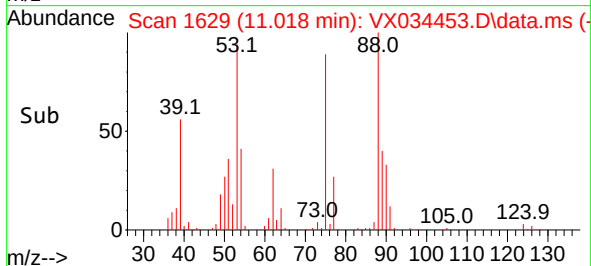
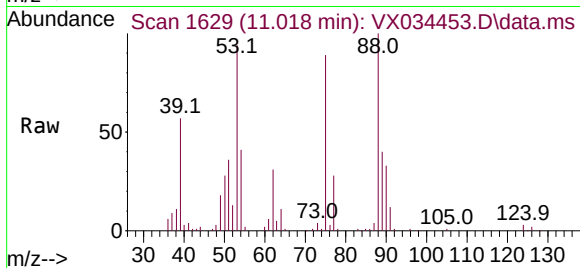
#81
trans-1,4-Dichloro-2-butene
Concen: 16.942 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01

Tgt Ion: 75 Resp: 3273
Ion Ratio Lower Upper
75 100
53 107.4 82.6 124.0
89 45.0 36.9 55.3

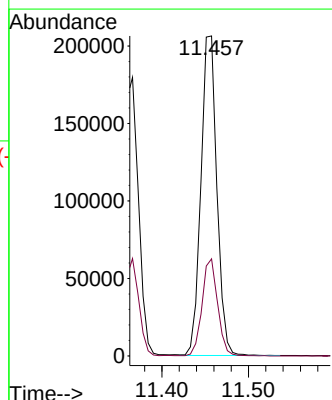
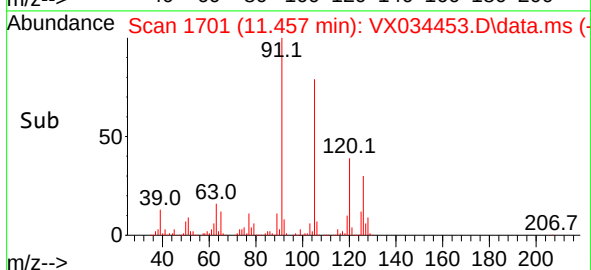
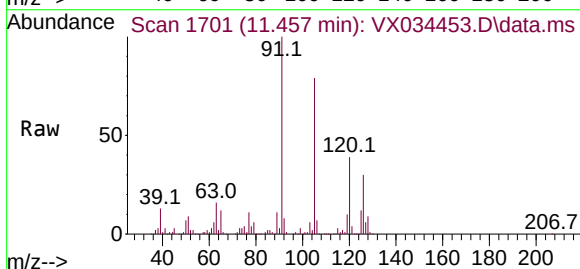
Manual Integrations
APPROVED

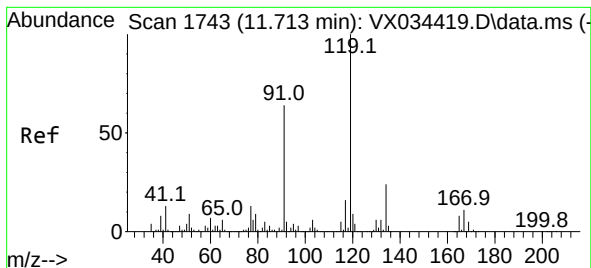
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#82
4-Chlorotoluene
Concen: 18.264 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

Tgt Ion: 91 Resp: 264031
Ion Ratio Lower Upper
91 100
126 29.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 17.761 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX034453.D

Acq: 14 Mar 2023 10:37

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD01

Tgt Ion:119 Resp: 26430

Ion Ratio Lower Upper

119 100

91 60.5 30.6 92.0

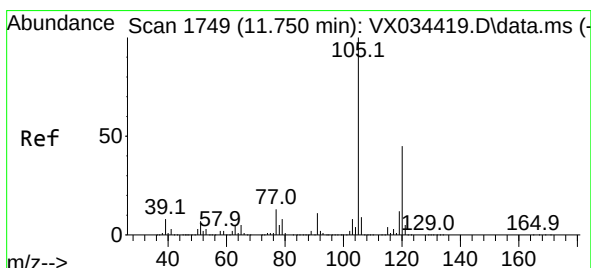
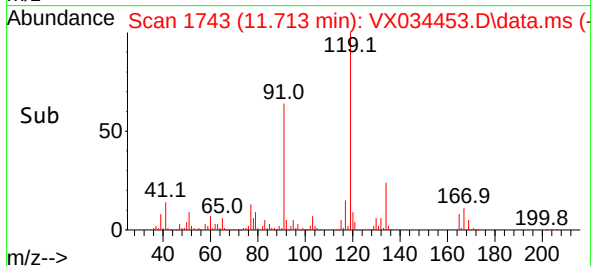
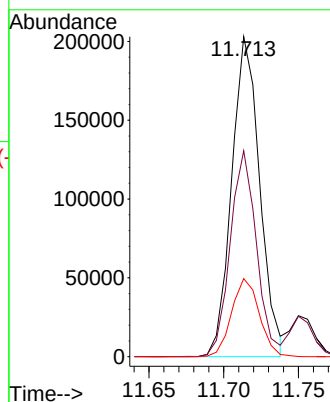
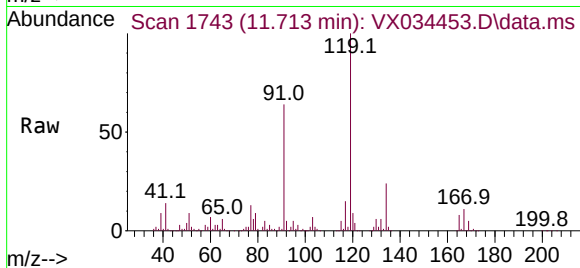
134 24.1 11.8 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#84

1,2,4-Trimethylbenzene

Concen: 18.050 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX034453.D

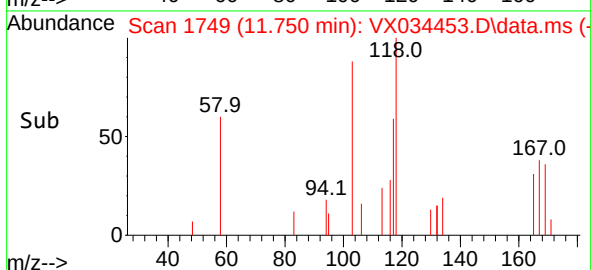
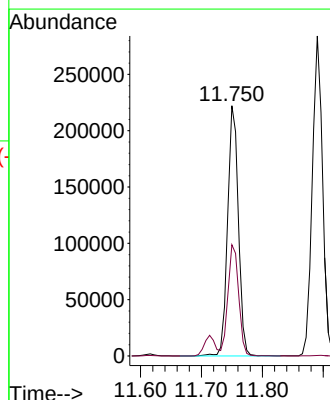
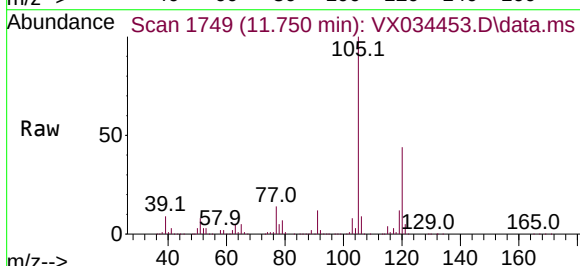
Acq: 14 Mar 2023 10:37

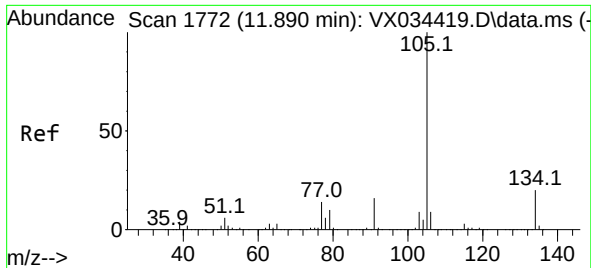
Tgt Ion:105 Resp: 272261

Ion Ratio Lower Upper

105 100

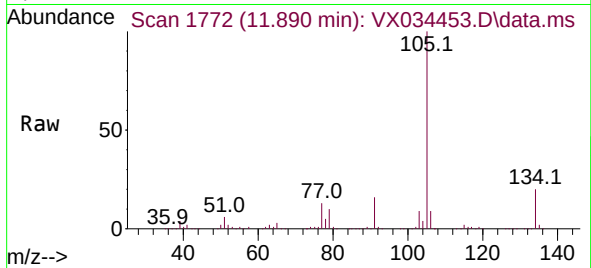
120 44.3 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 18.309 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034453.D
 Acq: 14 Mar 2023 10:37

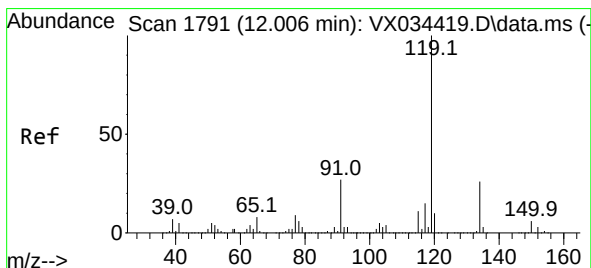
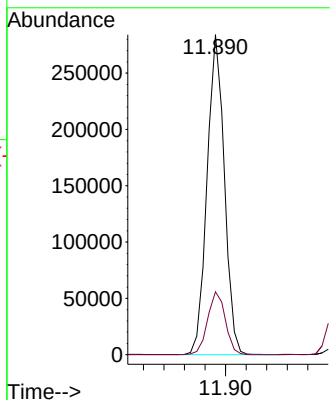
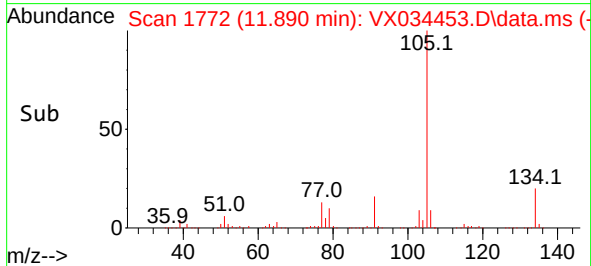
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314WBSD01



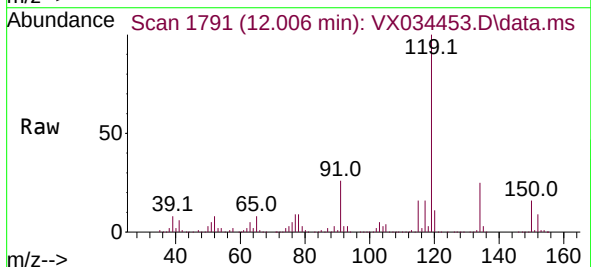
Tgt Ion:105 Resp: 333072
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4

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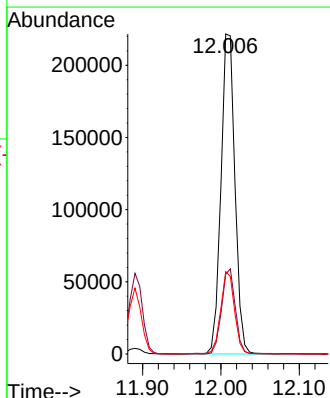
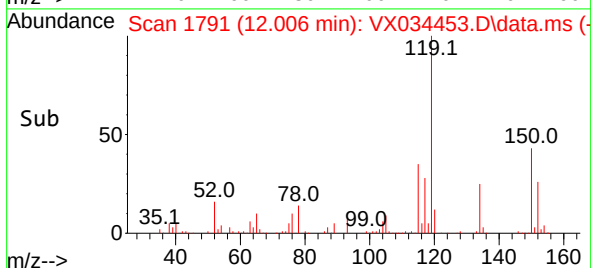
Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023

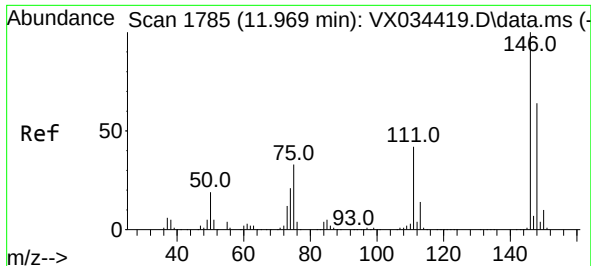


#86
 p-Isopropyltoluene
 Concen: 18.056 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034453.D
 Acq: 14 Mar 2023 10:37



Tgt Ion:119 Resp: 276076
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.5
 91 25.5 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 17.791 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034453.D

Acq: 14 Mar 2023 10:37

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD01

Tgt Ion:146 Resp: 14716

Ion Ratio Lower Upper

146 100

111 41.4 20.9 62.8

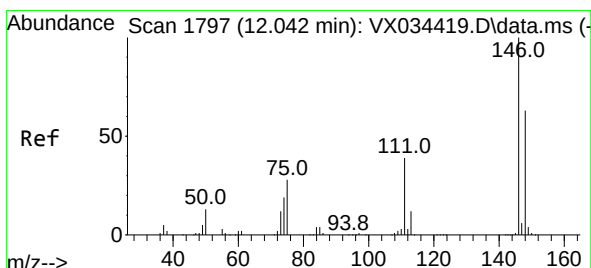
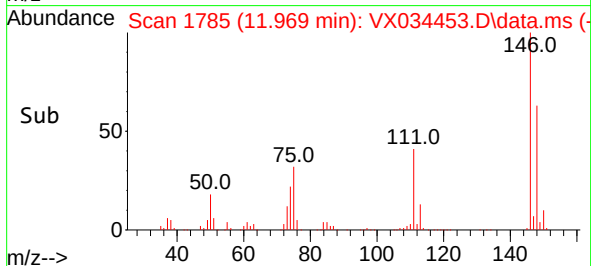
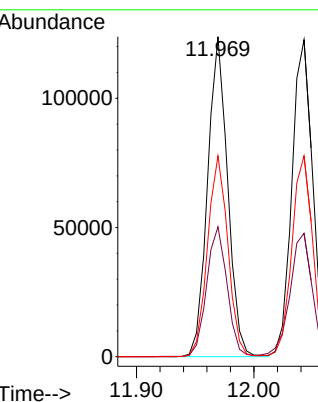
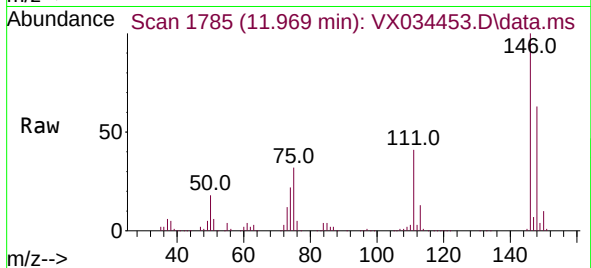
148 63.7 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#88

1,4-Dichlorobenzene

Concen: 18.125 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034453.D

Acq: 14 Mar 2023 10:37

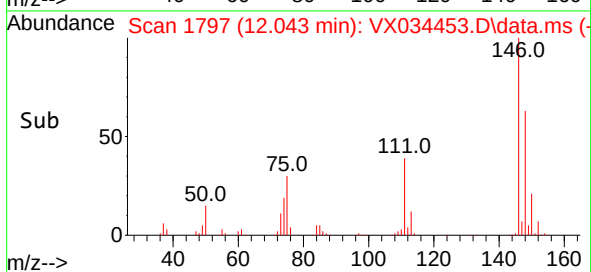
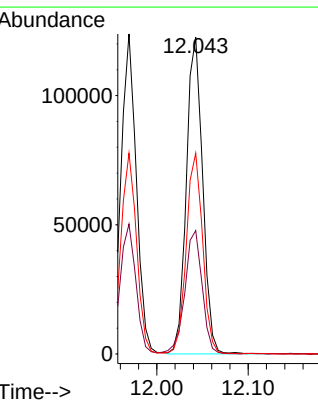
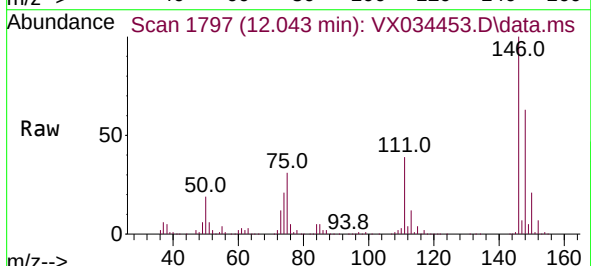
Tgt Ion:146 Resp: 151601

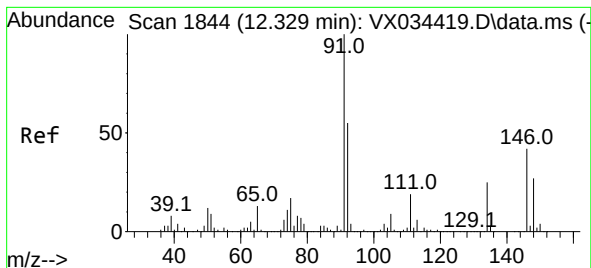
Ion Ratio Lower Upper

146 100

111 41.4 20.6 61.9

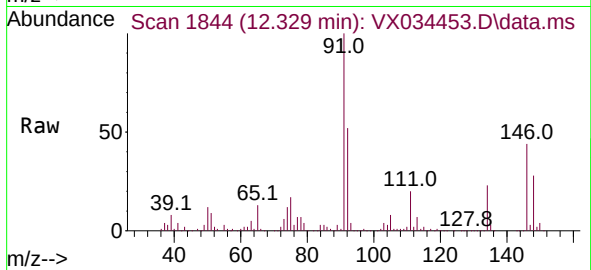
148 63.6 31.8 95.4





#89
n-Butylbenzene
Concen: 18.288 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

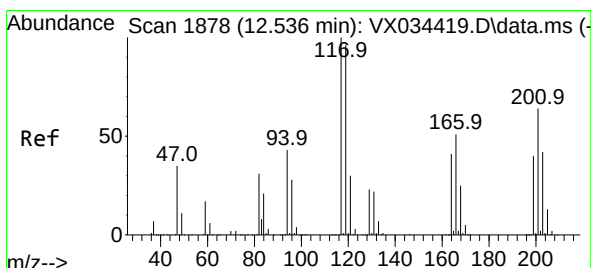
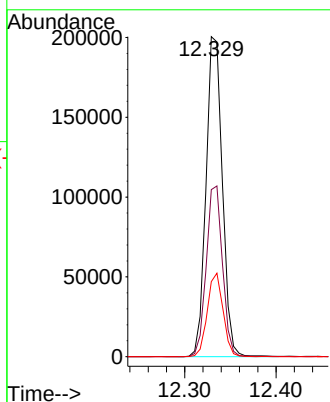
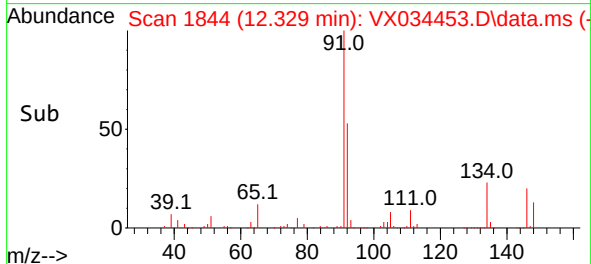
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



Tgt Ion: 91 Resp: 248580
Ion Ratio Lower Upper
91 100
92 53.0 27.7 83.0
134 25.1 13.0 38.9

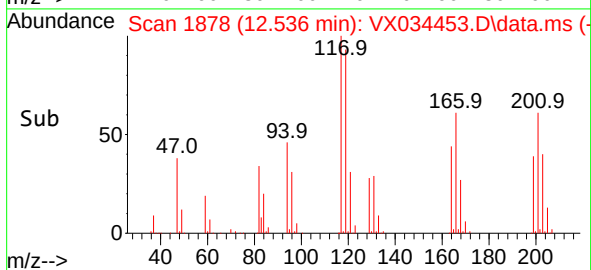
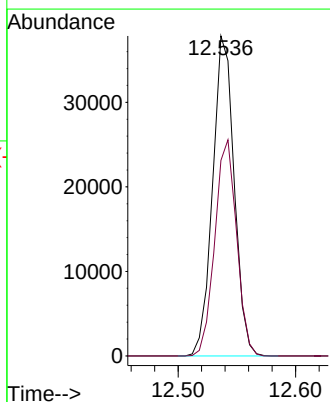
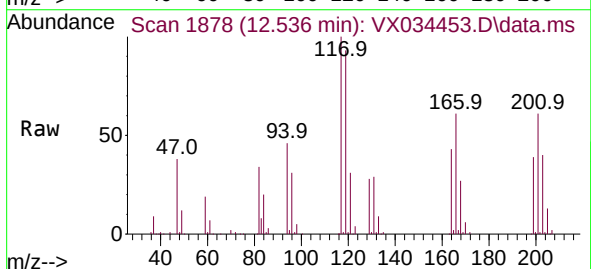
Manual Integrations
APPROVED

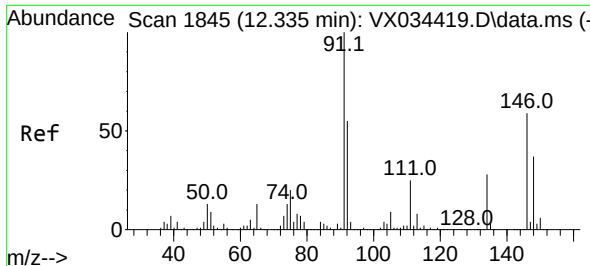
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#90
Hexachloroethane
Concen: 17.054 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

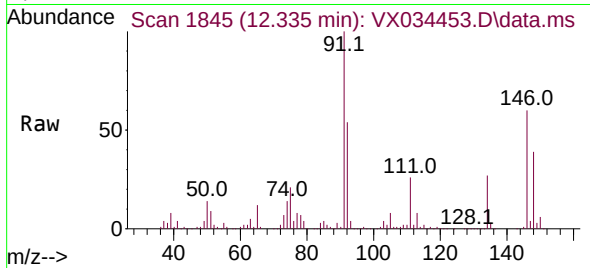
Tgt Ion:117 Resp: 48249
Ion Ratio Lower Upper
117 100
201 68.2 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 18.447 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

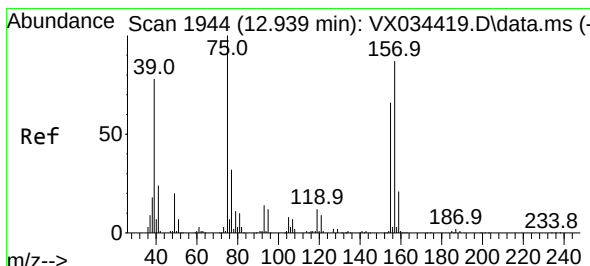
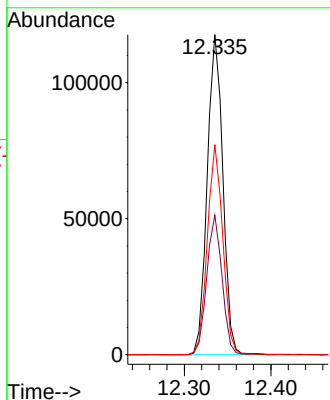
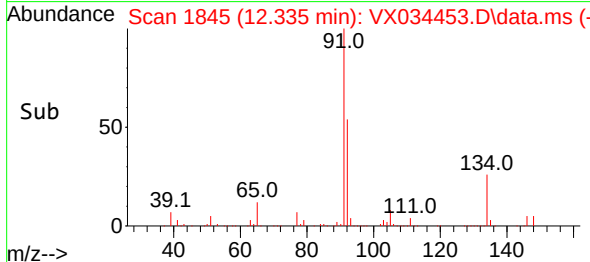
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



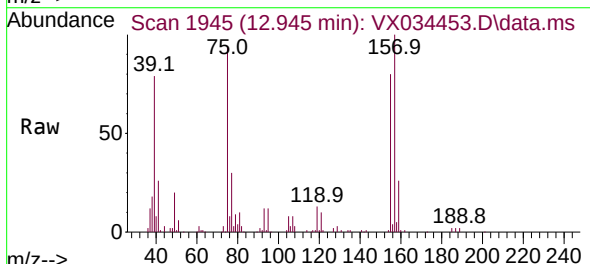
Tgt Ion:146 Resp: 147459
Ion Ratio Lower Upper
146 100
111 42.8 22.0 66.0
148 64.8 32.0 96.0

Manual Integrations
APPROVED

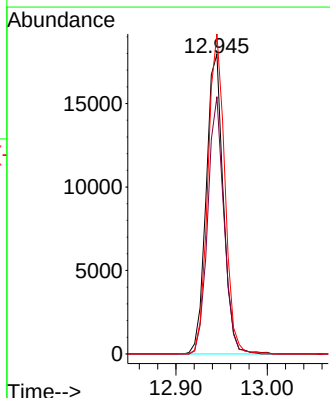
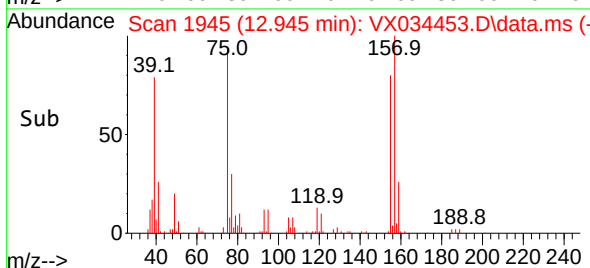
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

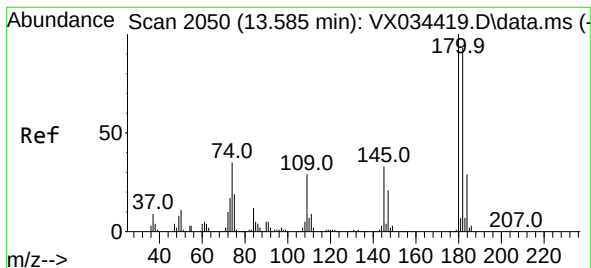


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.473 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37



Tgt Ion: 75 Resp: 23310
Ion Ratio Lower Upper
75 100
155 80.9 38.4 115.1
157 105.1 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 18.353 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX034453.D

Acq: 14 Mar 2023 10:37

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBSD01

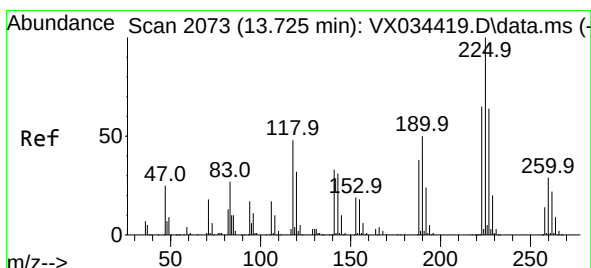
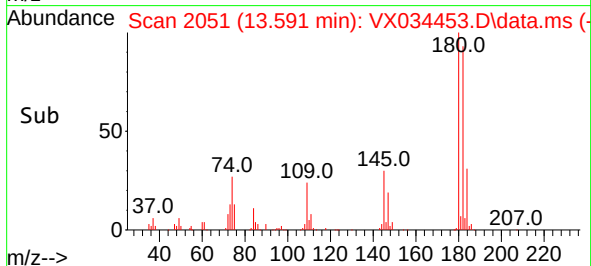
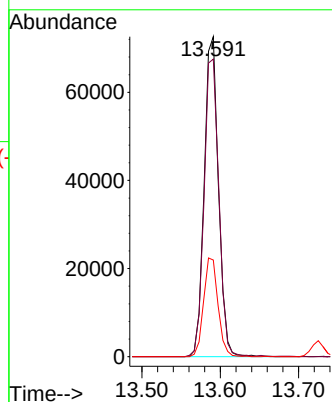
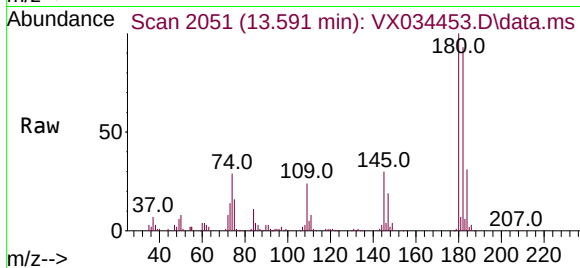
Tgt Ion:180	Resp:	9174
Ion Ratio	Lower	Upper
180	100	
182	96.3	47.0 141.0
145	31.2	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#94

Hexachlorobutadiene

Concen: 18.984 ug/l

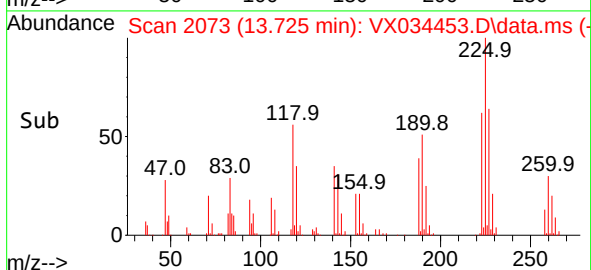
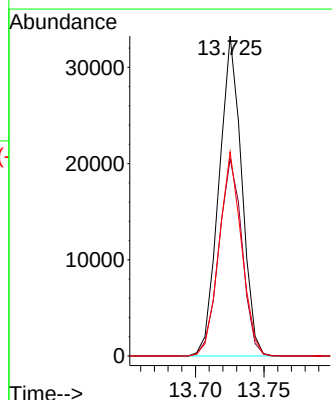
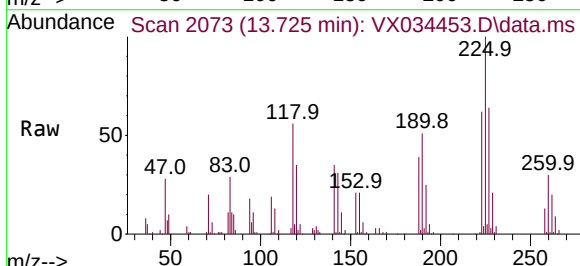
RT: 13.725 min Scan# 2073

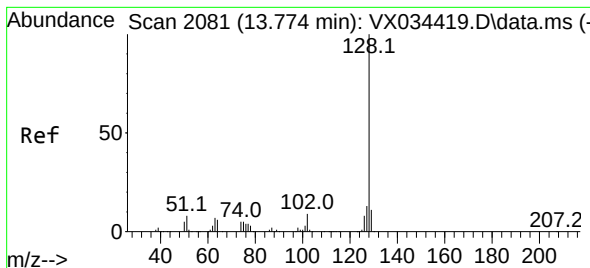
Delta R.T. 0.000 min

Lab File: VX034453.D

Acq: 14 Mar 2023 10:37

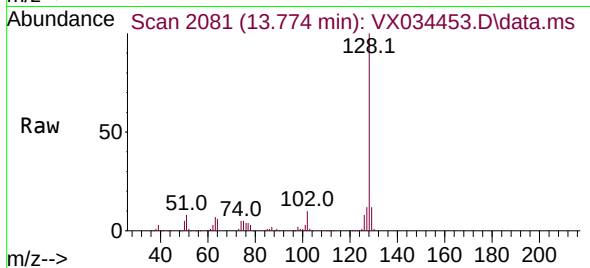
Tgt Ion:225	Resp:	38231
Ion Ratio	Lower	Upper
225	100	
223	63.1	32.1 96.5
227	63.1	31.8 95.4





#95
Naphthalene
Concen: 20.067 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37

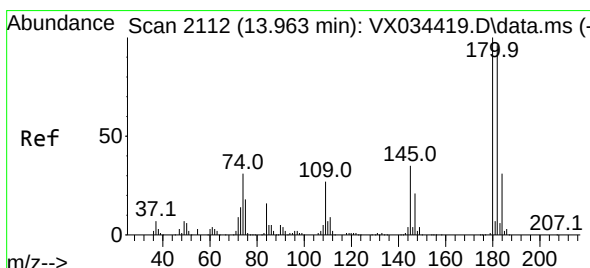
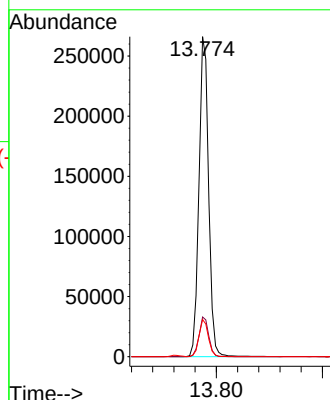
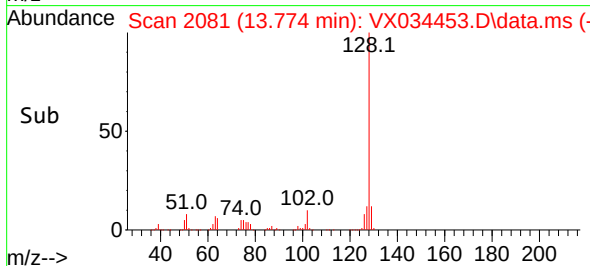
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBSD01



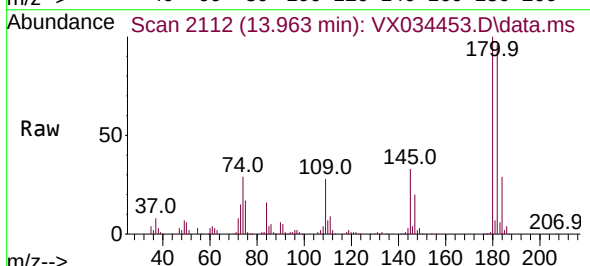
Tgt Ion:128 Resp: 336378
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.4
129 11.3 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 18.662 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034453.D
Acq: 14 Mar 2023 10:37



Tgt Ion:180 Resp: 91193
Ion Ratio Lower Upper
180 100
182 95.0 48.0 144.2
145 32.8 17.7 53.1

