

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031323\
 Data File : VX034422.D
 Acq On : 13 Mar 2023 10:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Mar 14 02:53:46 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	352979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	592065	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	546770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	279813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	247715	48.239	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.480%		
35) Dibromofluoromethane	5.379	113	197521	50.529	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.060%		
50) Toluene-d8	8.647	98	738244	50.589	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.180%		
62) 4-Bromofluorobenzene	11.079	95	298437	50.630	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	140329	42.645	ug/l	100
3) Chloromethane	1.307	50	216894	43.337	ug/l	100
4) Vinyl Chloride	1.374	62	193630	43.215	ug/l	100
5) Bromomethane	1.599	94	109617	48.488	ug/l	98
6) Chloroethane	1.679	64	115817	44.893	ug/l	99
7) Trichlorofluoromethane	1.886	101	294253	43.706	ug/l	99
8) Diethyl Ether	2.130	74	109890	44.712	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	171693	43.759	ug/l	100
10) Methyl Iodide	2.447	142	225083	43.694	ug/l	98
11) Tert butyl alcohol	2.953	59	216018	202.008	ug/l	99
12) 1,1-Dichloroethene	2.319	96	165257	42.766	ug/l	99
13) Acrolein	2.233	56	201895	238.658	ug/l	99
14) Allyl chloride	2.660	41	337492	43.080	ug/l	99
15) Acrylonitrile	3.056	53	528184	228.651	ug/l	99
16) Acetone	2.374	43	528494	218.485	ug/l	98
17) Carbon Disulfide	2.508	76	459154	42.223	ug/l	100
18) Methyl Acetate	2.697	43	347483	43.964	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	618138	44.677	ug/l	99
20) Methylene Chloride	2.782	84	196549	41.867	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	185668	45.243	ug/l	98
22) Diisopropyl ether	3.758	45	687013	45.996	ug/l	92
23) Vinyl Acetate	3.715	43	2684361	236.140	ug/l	99
24) 1,1-Dichloroethane	3.605	63	357842	44.568	ug/l	98
25) 2-Butanone	4.550	43	800371	231.247	ug/l	98
26) 2,2-Dichloropropane	4.471	77	307159	44.010	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	220055	44.544	ug/l	100
28) Bromochloromethane	4.891	49	175580	47.031	ug/l	99
29) Tetrahydrofuran	4.995	42	492562	230.632	ug/l	98
30) Chloroform	5.087	83	359020	45.616	ug/l	99
31) Cyclohexane	5.465	56	322218	44.741	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	314545	45.145	ug/l	100
36) 1,1-Dichloropropene	5.684	75	265146	44.161	ug/l	99
37) Ethyl Acetate	4.709	43	301813	46.013	ug/l	99
38) Carbon Tetrachloride	5.672	117	269149	45.061	ug/l	97
39) Methylcyclohexane	7.379	83	323353	45.002	ug/l	97
40) Benzene	6.032	78	796169	45.329	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	170187	47.343	ug/l	98
42) 1,2-Dichloroethane	6.080	62	299040	46.325	ug/l	99
43) Isopropyl Acetate	6.330	43	518801	46.689	ug/l	99
44) Trichloroethene	7.123	130	202877	44.455	ug/l	96
45) 1,2-Dichloropropane	7.428	63	211319	46.078	ug/l	99
46) Dibromomethane	7.580	93	143282	45.955	ug/l	99
47) Bromodichloromethane	7.818	83	290183	48.089	ug/l	97
48) Methyl methacrylate	7.690	41	251474	47.055	ug/l	100
49) 1,4-Dioxane	7.653	88	94919	845.606	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	1528784	237.163	ug/l	99
52) Toluene	8.714	92	503215	46.276	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	337213	49.603	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	351758	47.826	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	208315	48.270	ug/l	98
56) Ethyl methacrylate	9.116	69	339956	47.978	ug/l	100
57) 1,3-Dichloropropane	9.305	76	357982	46.673	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	826895	226.443	ug/l	100
59) 2-Hexanone	9.427	43	1171953	235.192	ug/l	99
60) Dibromochloromethane	9.519	129	224911	49.691	ug/l	99
61) 1,2-Dibromoethane	9.610	107	219424	47.117	ug/l	100
64) Tetrachloroethene	9.275	164	162578	44.265	ug/l	98
65) Chlorobenzene	10.080	112	538861	44.918	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	205105	46.943	ug/l	99
67) Ethyl Benzene	10.195	91	976013	45.445	ug/l	99
68) m/p-Xylenes	10.299	106	744069	90.189	ug/l	99
69) o-Xylene	10.640	106	370531	44.754	ug/l	99
70) Styrene	10.653	104	620732	46.470	ug/l	100
71) Bromoform	10.799	173	164609	48.943	ug/l #	100
73) Isopropylbenzene	10.964	105	963745	44.564	ug/l	100
74) N-amyl acetate	10.842	43	480132	46.353	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.214	83	327145	45.333	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	274139m	42.669	ug/l	
77) Bromobenzene	11.195	156	233563	45.015	ug/l	99
78) n-propylbenzene	11.305	91	1149977	46.044	ug/l	100
79) 2-Chlorotoluene	11.366	91	698233	45.266	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	829938	45.754	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	115238	48.523	ug/l	98
82) 4-Chlorotoluene	11.451	91	807262	45.435	ug/l	99
83) tert-Butylbenzene	11.713	119	816864	44.664	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	839409	45.280	ug/l	99
85) sec-Butylbenzene	11.890	105	1012075	45.265	ug/l	99
86) p-Isopropyltoluene	12.006	119	857328	45.623	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	452455	44.505	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	459214	44.672	ug/l	100
89) n-Butylbenzene	12.329	91	779360	46.653	ug/l	100
90) Hexachloroethane	12.536	117	168704	48.518	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	443640	45.156	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	78856	48.095	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	290702	47.316	ug/l	99
94) Hexachlorobutadiene	13.725	225	115207	46.545	ug/l	99
95) Naphthalene	13.774	128	969169	47.041	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	285459	47.532	ug/l	98

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VSTDCCC050

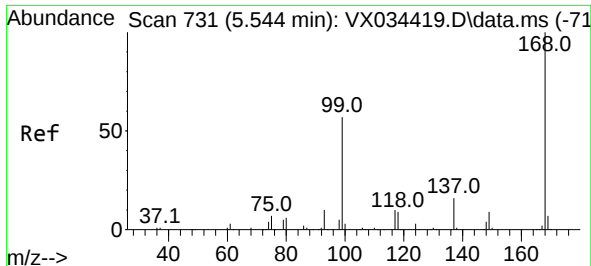
Manual Integrations
APPROVED

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

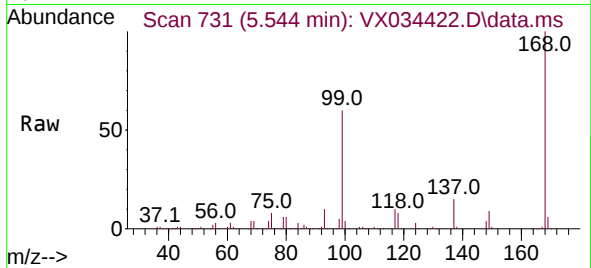
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
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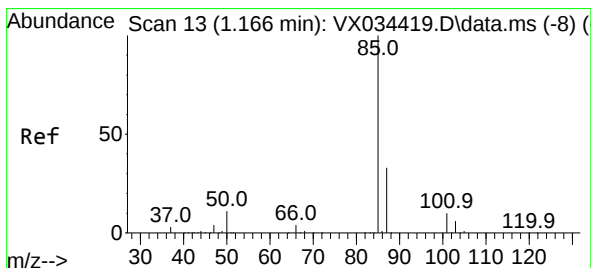
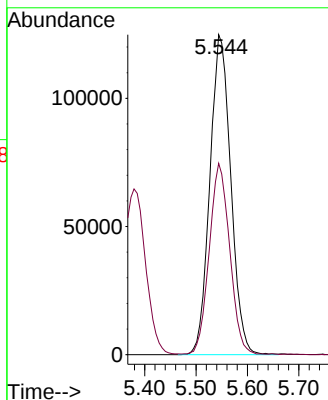
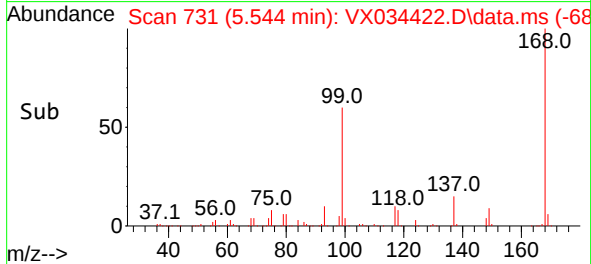
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



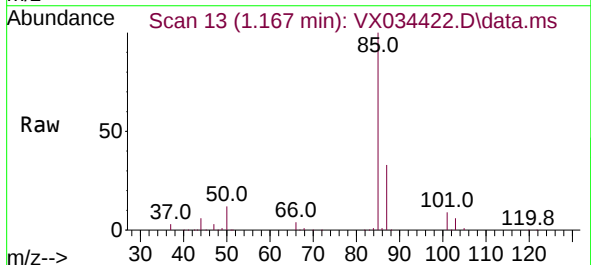
Tgt Ion:168 Resp: 352979
Ion Ratio Lower Upper
168 100
99 59.7 45.7 68.5

Manual Integrations
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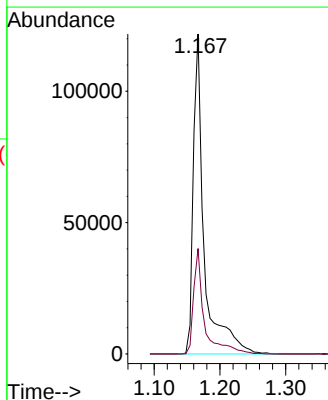
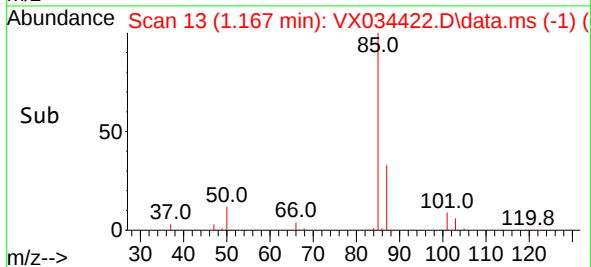
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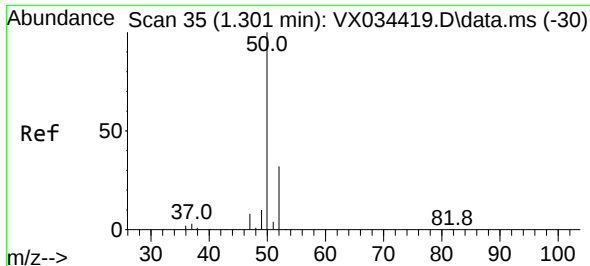


#2
Dichlorodifluoromethane
Concen: 42.645 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09



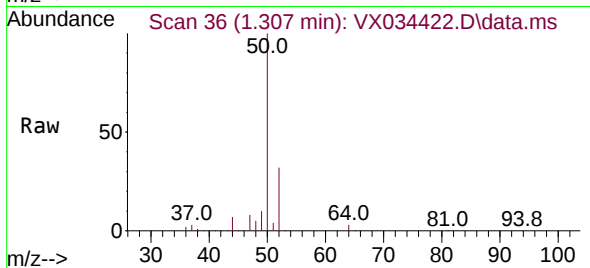
Tgt Ion: 85 Resp: 140329
Ion Ratio Lower Upper
85 100
87 33.0 16.4 49.1





#3
Chloromethane
Concen: 43.337 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

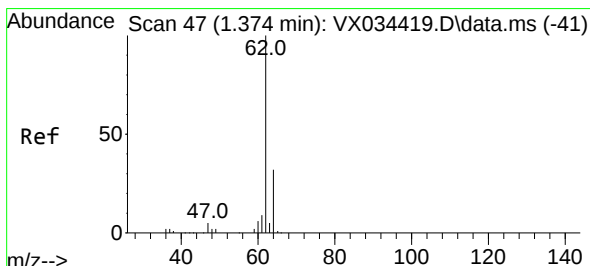
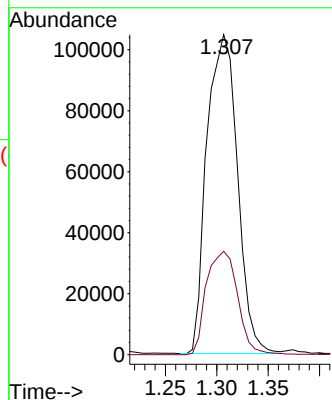
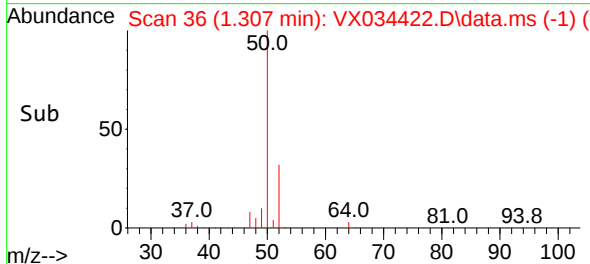
Instrument :
MSVOA_X
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VSTDCCC050



Tgt Ion: 50 Resp: 216894
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9

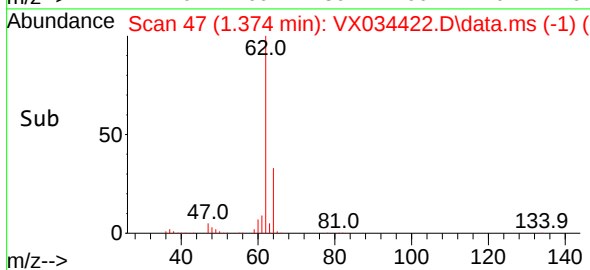
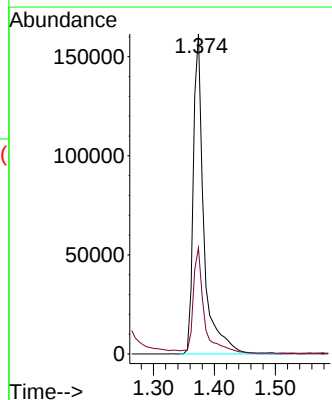
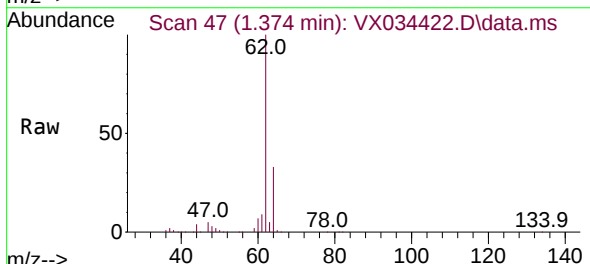
Manual Integrations
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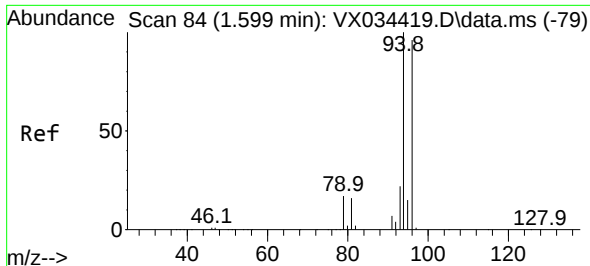
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#4
Vinyl Chloride
Concen: 43.215 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

Tgt Ion: 62 Resp: 193630
Ion Ratio Lower Upper
62 100
64 32.9 26.4 39.6





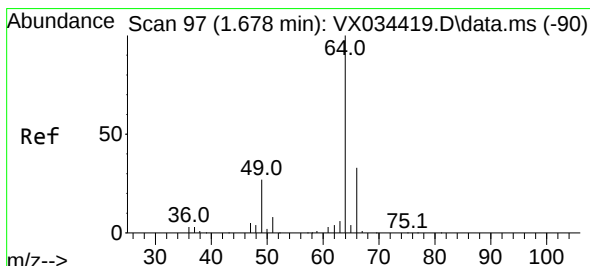
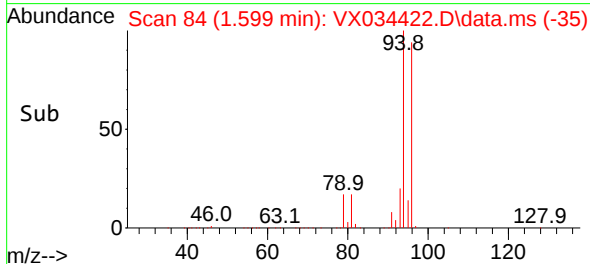
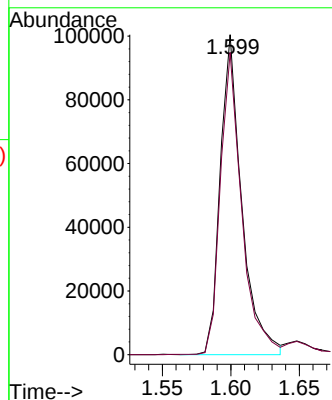
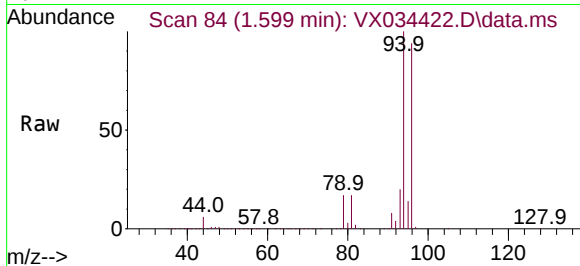
#5
Bromomethane
Concen: 48.488 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 10961
Ion Ratio Lower Upper
94 100
96 94.3 77.0 115.6

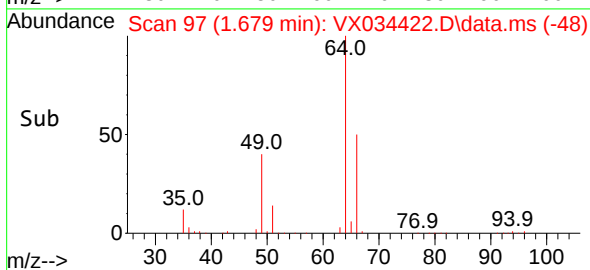
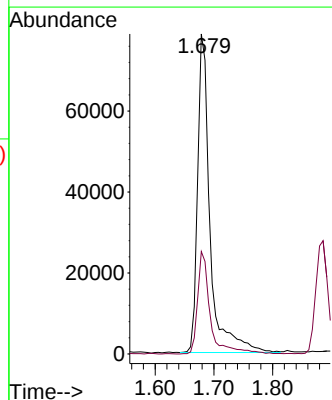
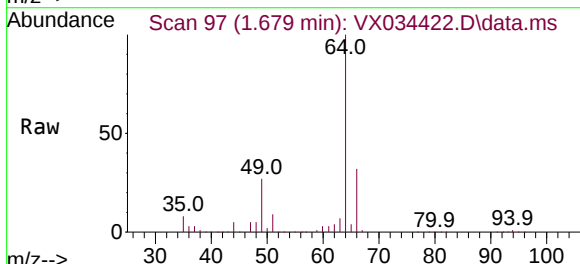
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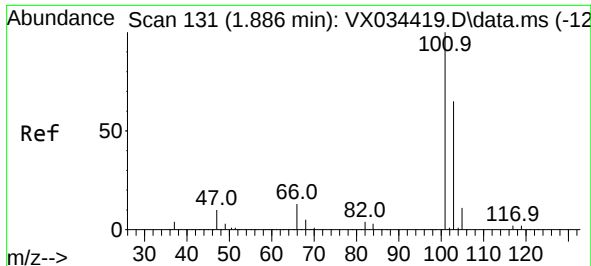
Reviewed By :John Carlone 03/14/2023
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#6
Chloroethane
Concen: 44.893 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

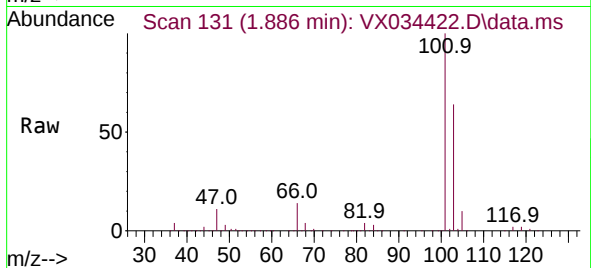
Tgt Ion: 64 Resp: 115817
Ion Ratio Lower Upper
64 100
66 32.2 26.2 39.4





#7
Trichlorofluoromethane
Concen: 43.706 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

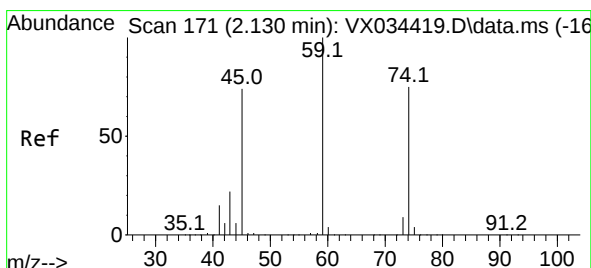
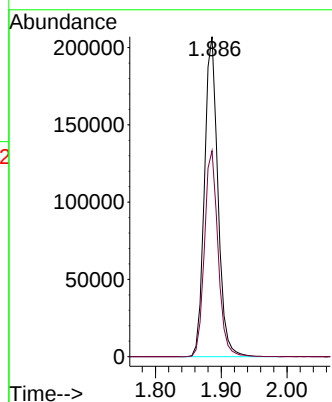
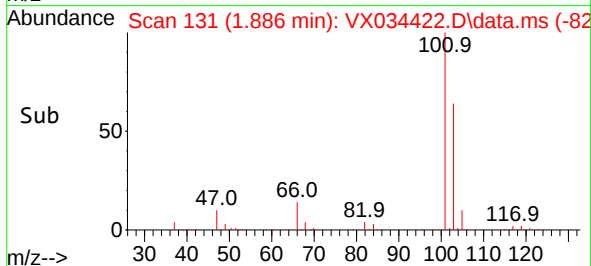
Instrument :
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ClientSampleId :
VSTDCCC050



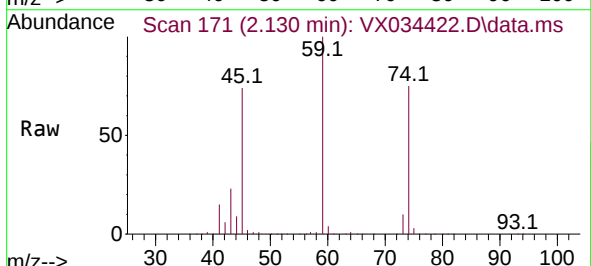
Tgt Ion:101 Resp: 29425
Ion Ratio Lower Upper
101 100
103 64.4 52.0 78.0

Manual Integrations
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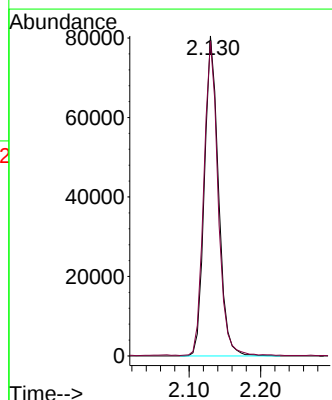
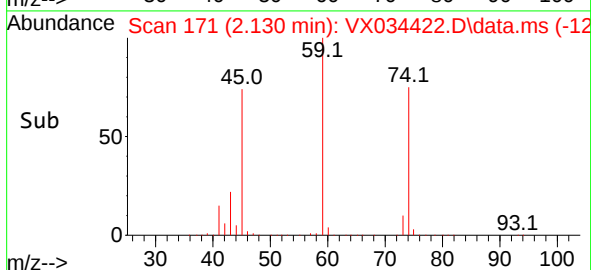
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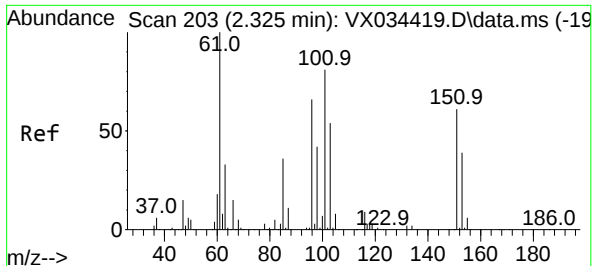


#8
Diethyl Ether
Concen: 44.712 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 109890
Ion Ratio Lower Upper
74 100
45 99.8 49.8 149.3





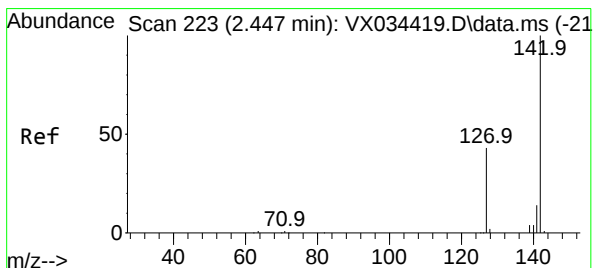
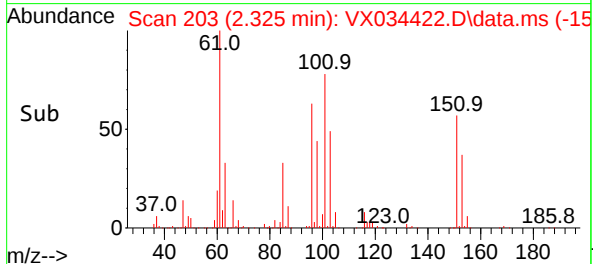
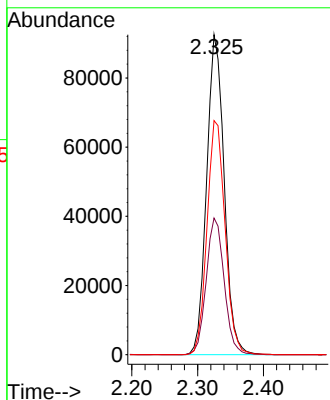
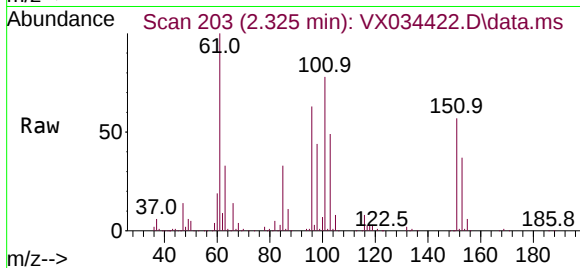
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.759 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 17169
Ion Ratio Lower Upper
101 100
85 43.8 35.4 53.2
151 75.5 60.2 90.4

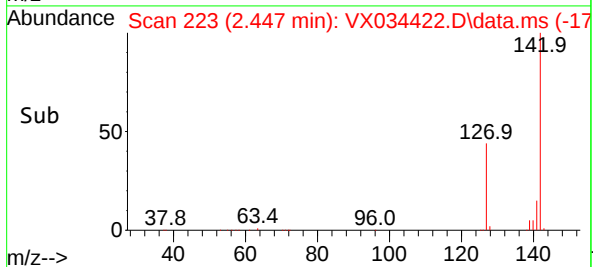
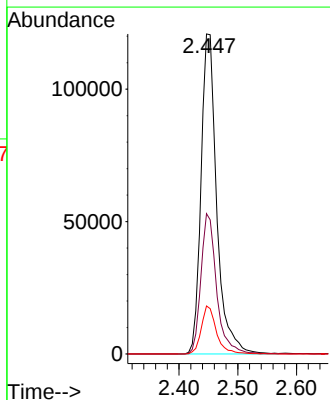
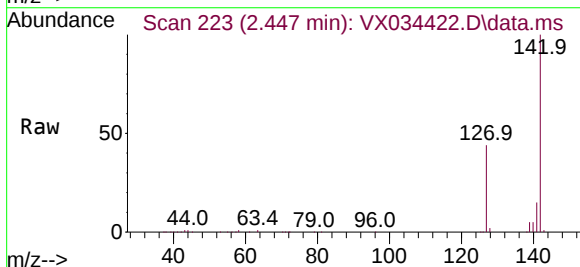
Manual Integrations
APPROVED

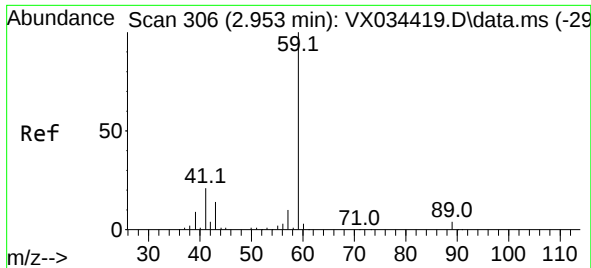
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#10
Methyl Iodide
Concen: 43.694 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

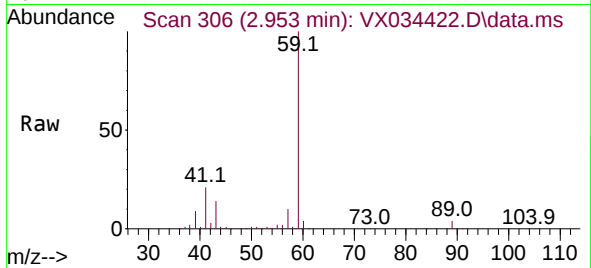
Tgt Ion:142 Resp: 225083
Ion Ratio Lower Upper
142 100
127 43.7 34.0 51.0
141 14.4 11.1 16.7





#11
Tert butyl alcohol
Concen: 202.008 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

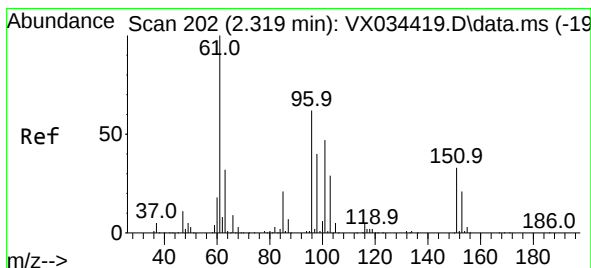
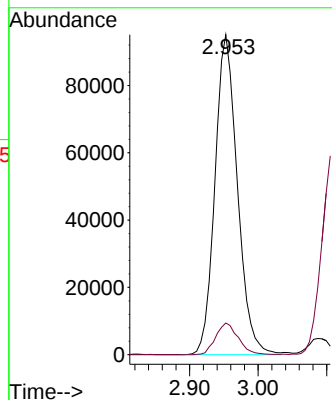
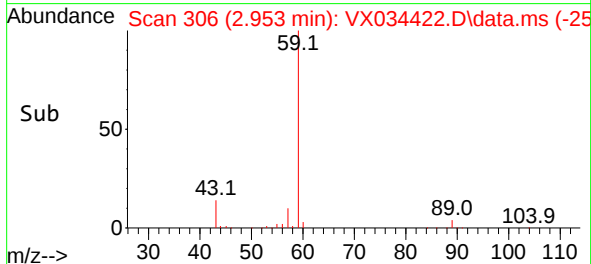
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



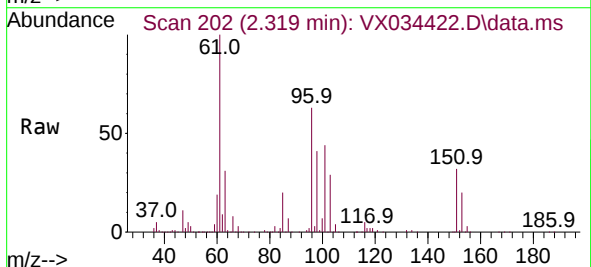
Tgt Ion: 59 Resp: 216018
Ion Ratio Lower Upper
59 100
57 9.9 8.1 12.1

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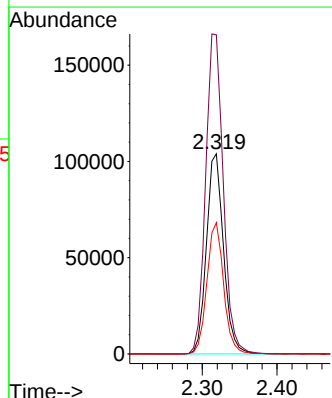
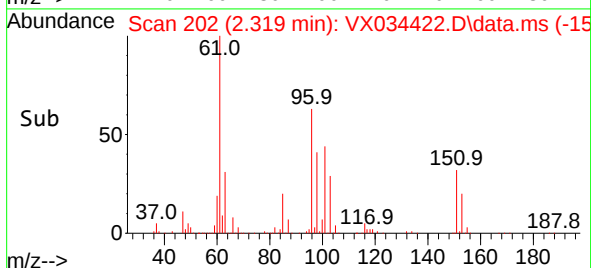
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#12
1,1-Dichloroethene
Concen: 42.766 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09



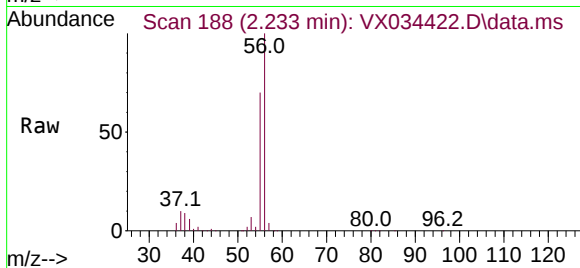
Tgt Ion: 96 Resp: 165257
Ion Ratio Lower Upper
96 100
61 159.5 128.8 193.2
98 65.7 51.4 77.0





#13
Acrolein
Concen: 238.658 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

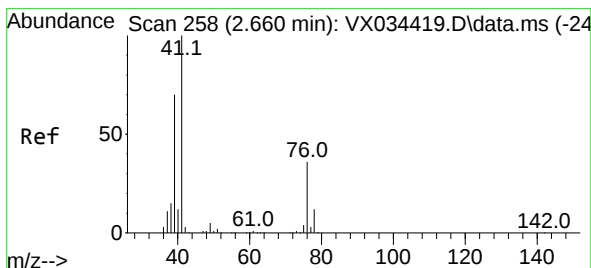
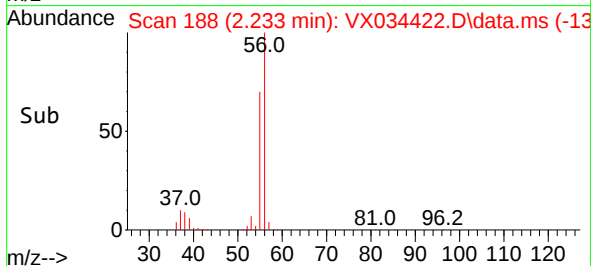
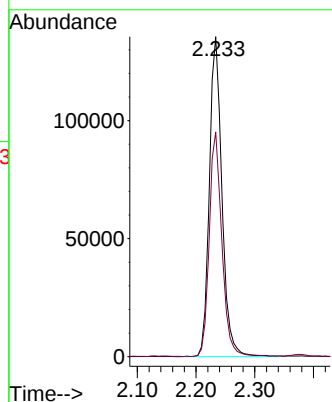
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 20189
Ion Ratio Lower Upper
56 100
55 70.4 56.6 85.0

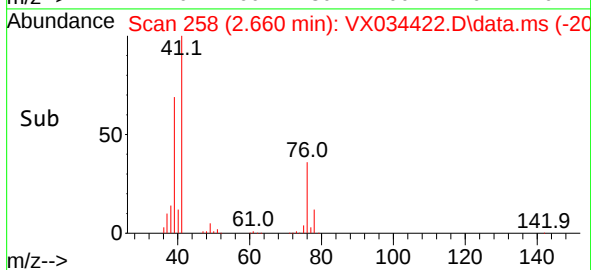
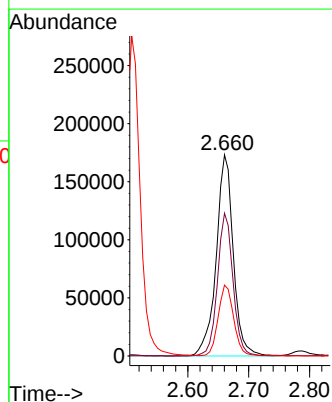
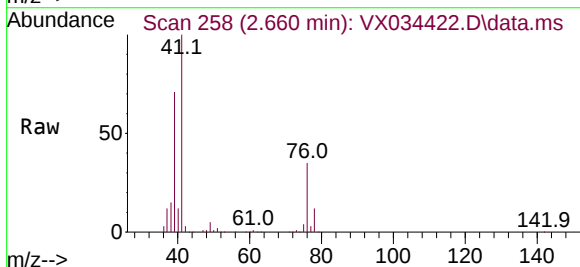
Manual Integrations
APPROVED

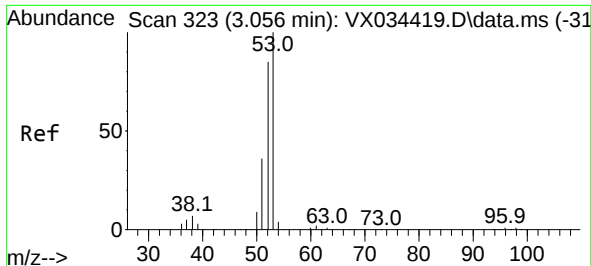
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#14
Allyl chloride
Concen: 43.080 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

Tgt Ion: 41 Resp: 337492
Ion Ratio Lower Upper
41 100
39 64.4 52.4 78.6
76 31.9 26.0 39.0





#15

Acrylonitrile

Concen: 228.651 ug/l

RT: 3.056 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX034422.D

Acq: 13 Mar 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

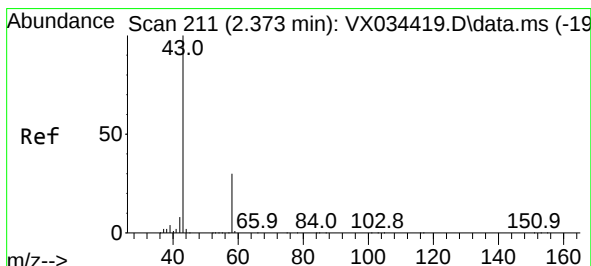
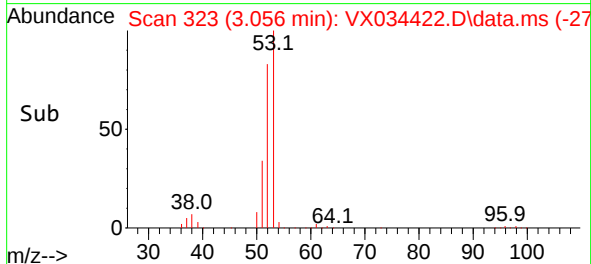
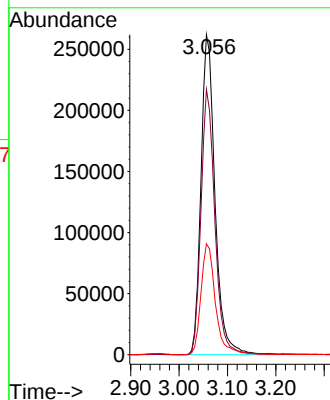
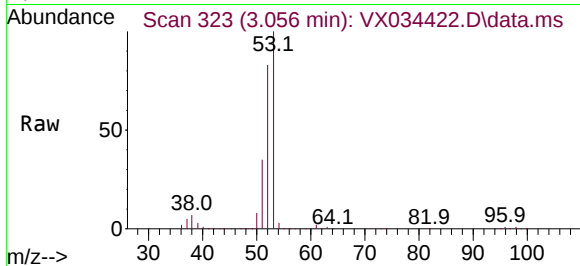
Tgt Ion:	53	Resp:	528184
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.2	99.2
51	35.8	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#16

Acetone

Concen: 218.485 ug/l

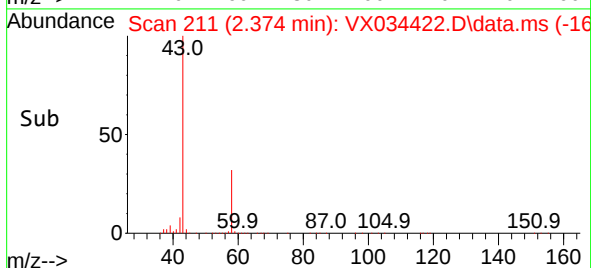
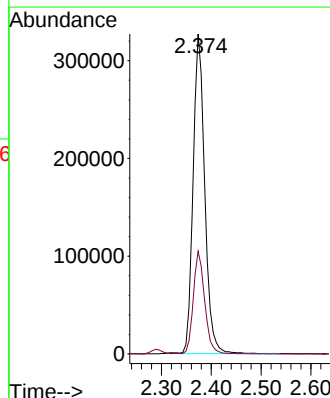
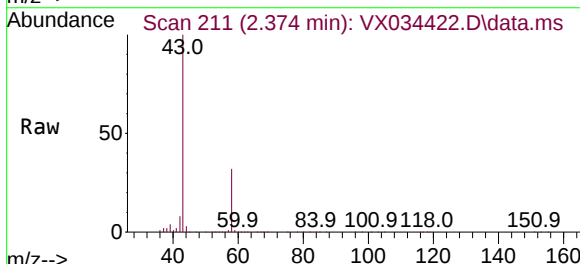
RT: 2.374 min Scan# 211

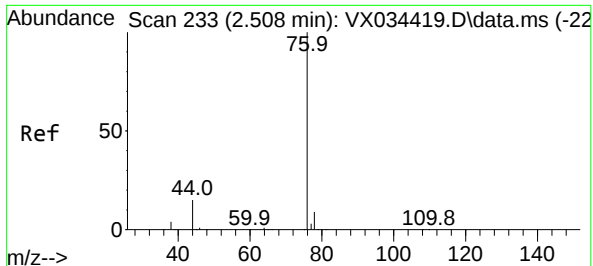
Delta R.T. 0.000 min

Lab File: VX034422.D

Acq: 13 Mar 2023 10:09

Tgt Ion:	43	Resp:	528494
Ion	Ratio	Lower	Upper
43	100		
58	32.1	24.7	37.1





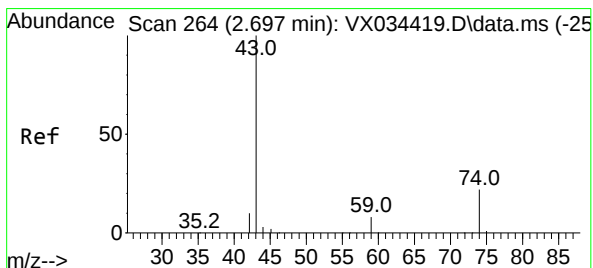
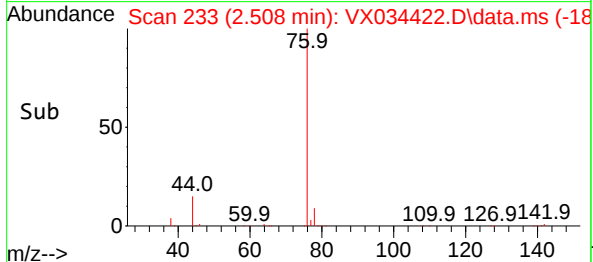
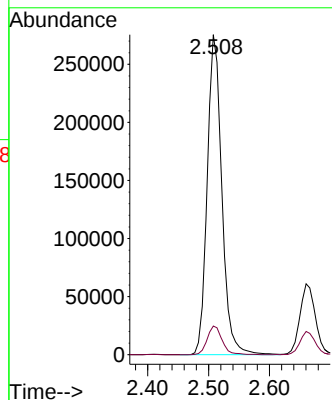
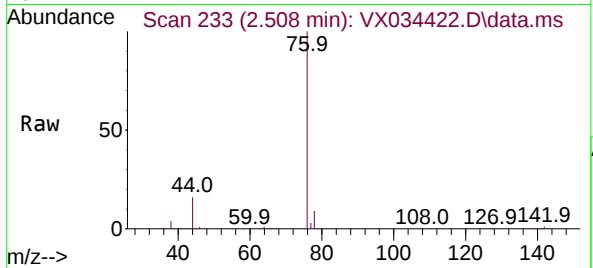
#17
Carbon Disulfide
Concen: 42.223 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 459154
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

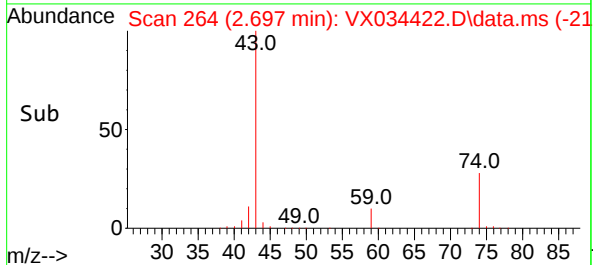
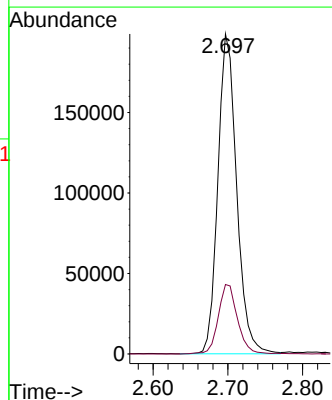
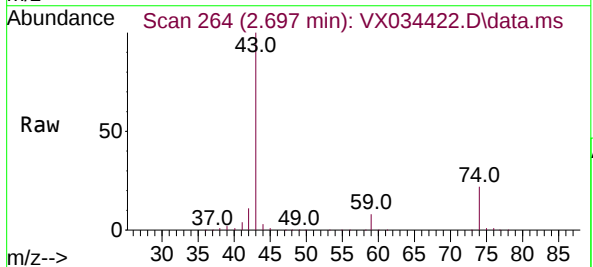
Manual Integrations
APPROVED

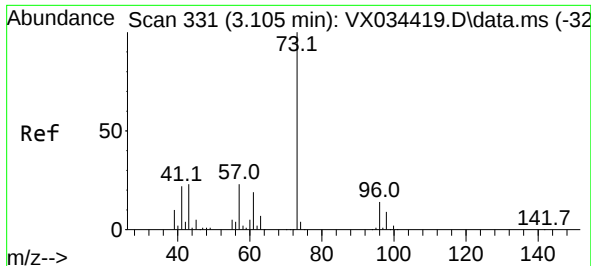
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#18
Methyl Acetate
Concen: 43.964 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

Tgt Ion: 43 Resp: 347483
Ion Ratio Lower Upper
43 100
74 22.3 18.3 27.5





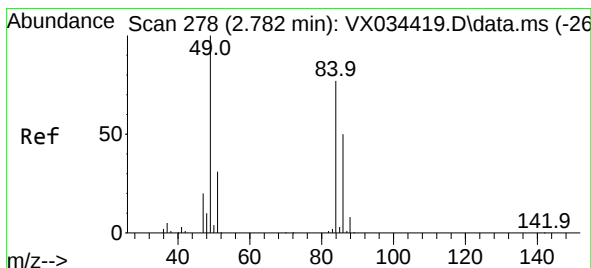
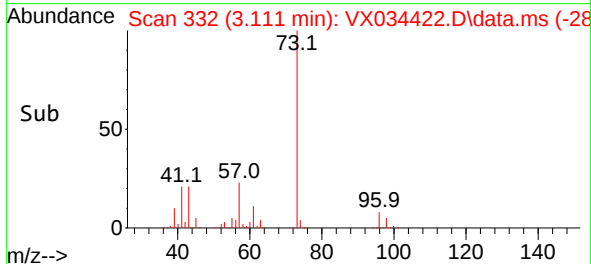
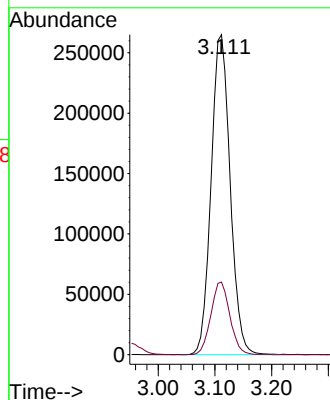
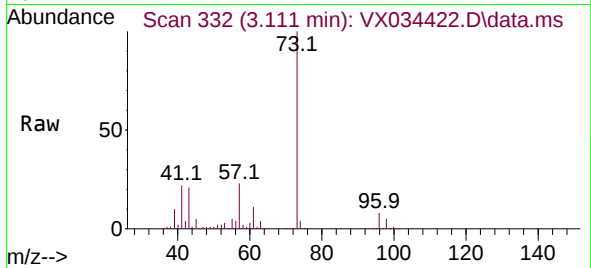
#19
Methyl tert-butyl Ether
Concen: 44.677 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 618138
Ion Ratio Lower Upper
73 100
57 22.7 18.5 27.7

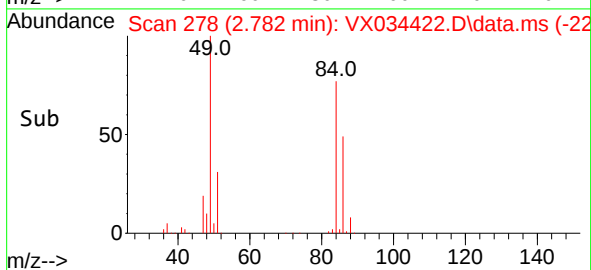
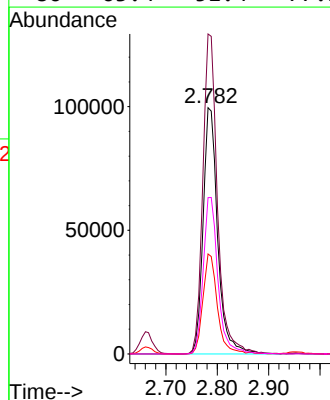
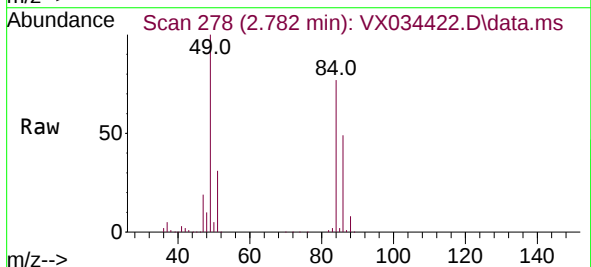
Manual Integrations
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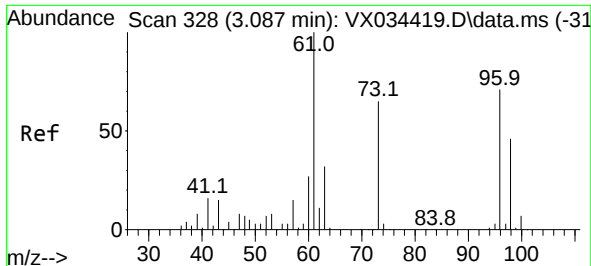
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#20
Methylene Chloride
Concen: 41.867 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

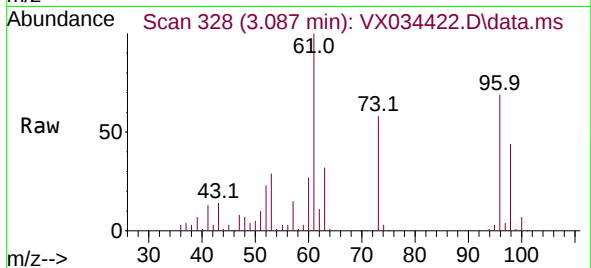
Tgt Ion: 84 Resp: 196549
Ion Ratio Lower Upper
84 100
49 129.9 103.8 155.8
51 40.6 31.8 47.8
86 63.4 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 45.243 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

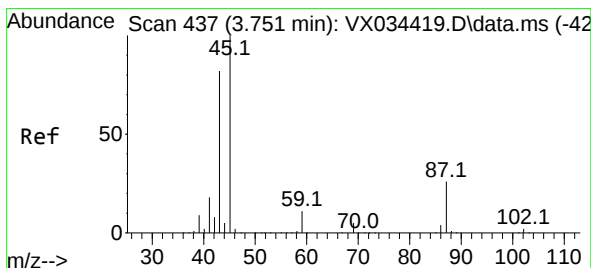
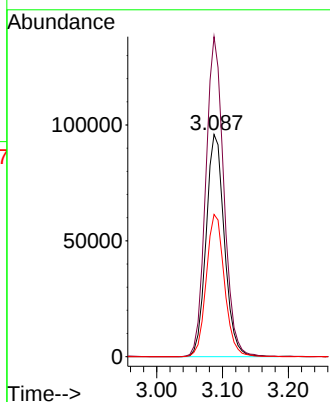
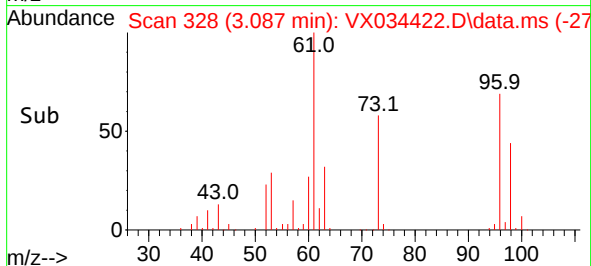
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



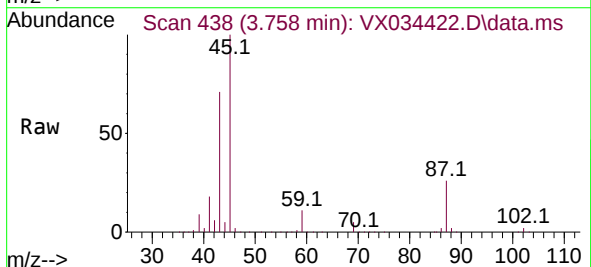
Tgt Ion: 96 Resp: 185668
Ion Ratio Lower Upper
96 100
61 144.0 113.0 169.6
98 64.0 52.1 78.1

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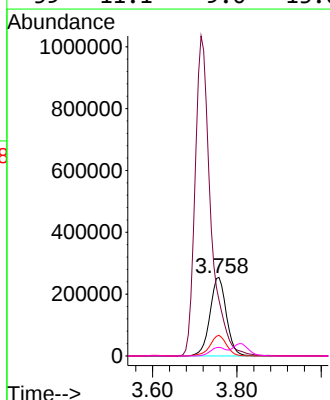
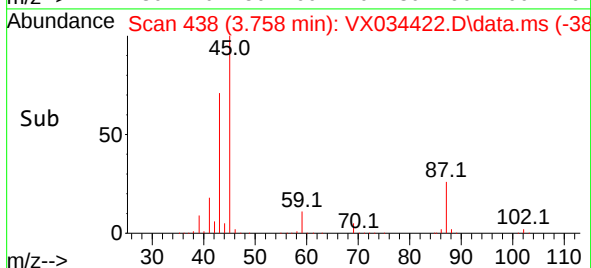
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

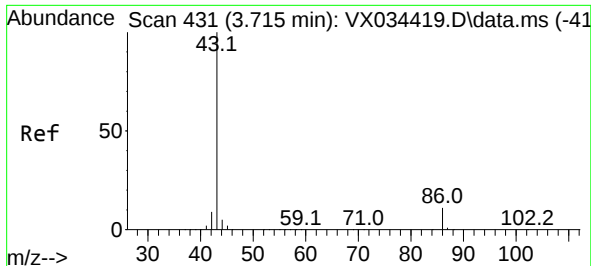


#22
Diisopropyl ether
Concen: 45.996 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09



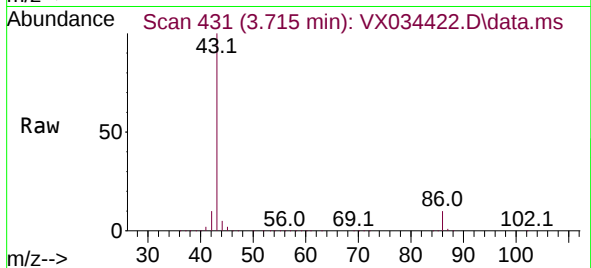
Tgt Ion: 45 Resp: 687013
Ion Ratio Lower Upper
45 100
43 71.1 65.4 98.2
87 26.2 20.6 31.0
59 11.1 9.0 13.6





#23
 Vinyl Acetate
 Concen: 236.140 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX034422.D
 Acq: 13 Mar 2023 10:09

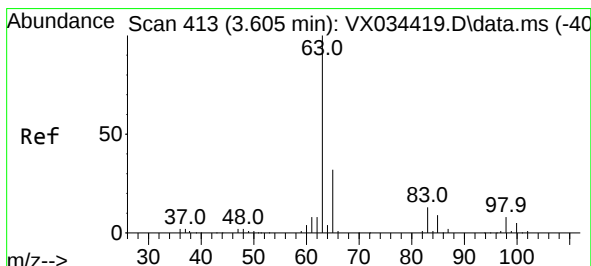
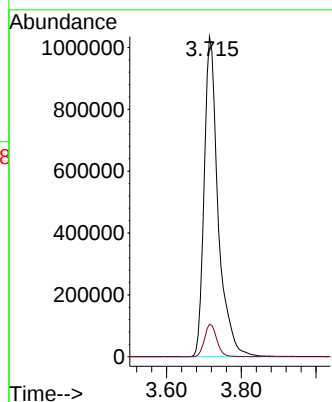
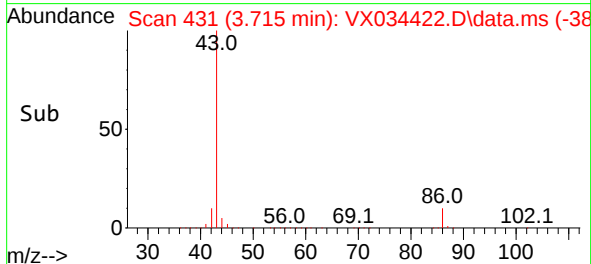
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



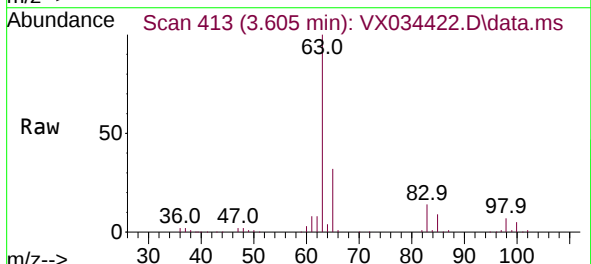
Tgt Ion: 43 Resp: 268436
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.5 12.7

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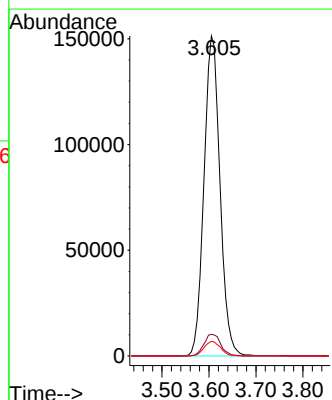
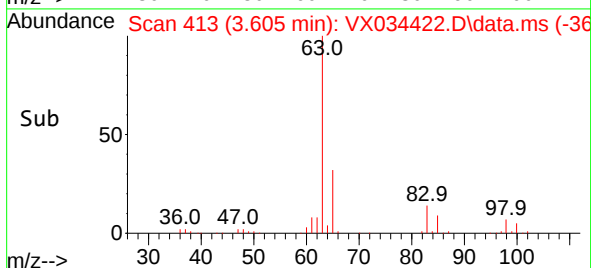
Reviewed By :John Carlone 03/14/2023
 Supervised By :Mahesh Dadoda 03/15/2023

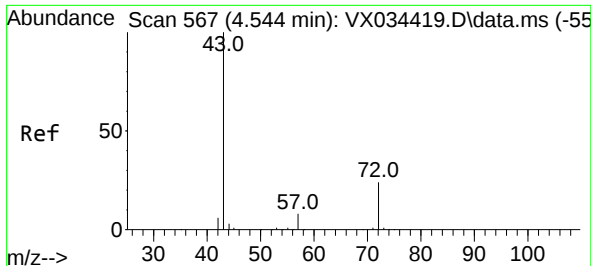


#24
 1,1-Dichloroethane
 Concen: 44.568 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034422.D
 Acq: 13 Mar 2023 10:09



Tgt Ion: 63 Resp: 357842
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.2
 100 4.6 2.4 7.1





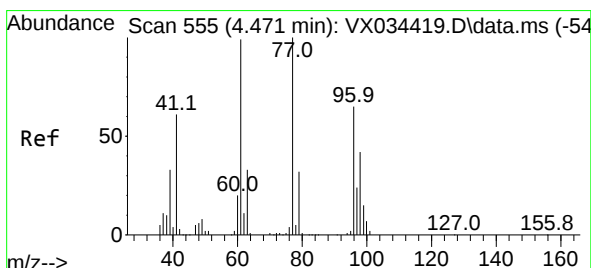
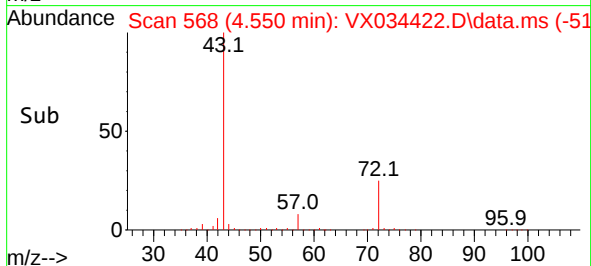
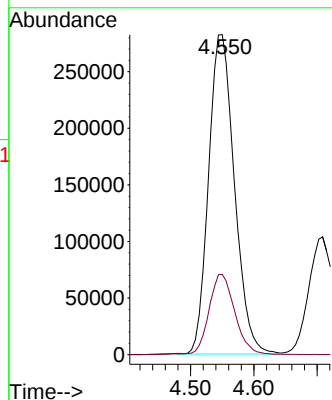
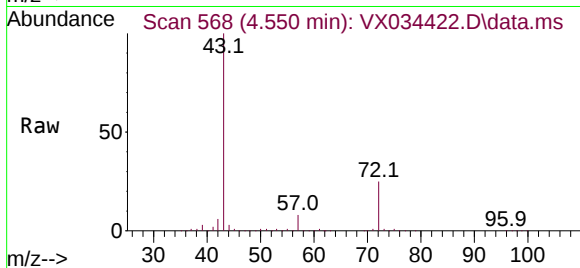
#25
2-Butanone
Concen: 231.247 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 80037
Ion Ratio Lower Upper
43 100
72 25.0 19.3 28.9

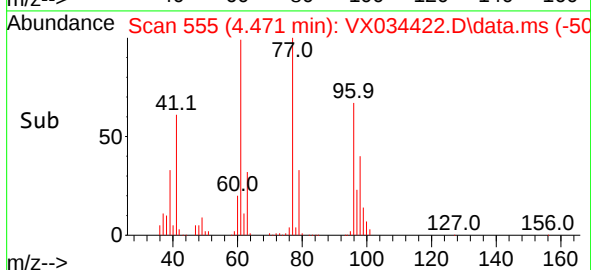
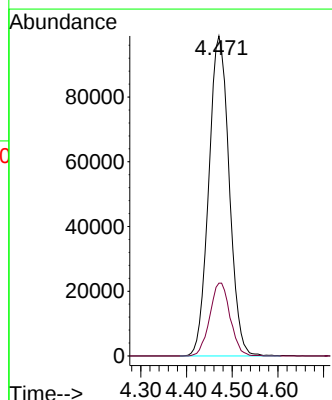
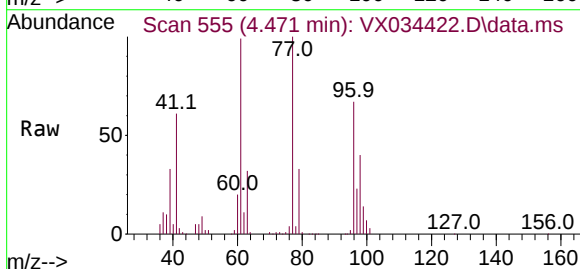
Manual Integrations
APPROVED

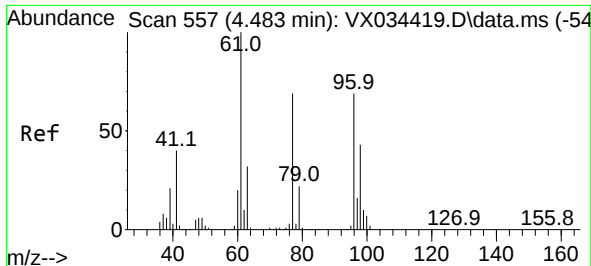
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#26
2,2-Dichloropropane
Concen: 44.010 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

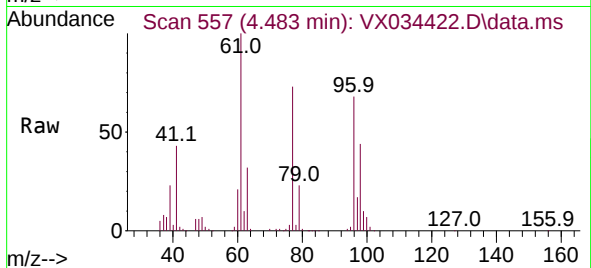
Tgt Ion: 77 Resp: 307159
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.1





#27
cis-1,2-Dichloroethene
Concen: 44.544 ug/l
RT: 4.483 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

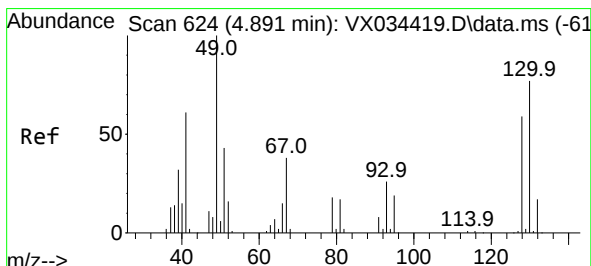
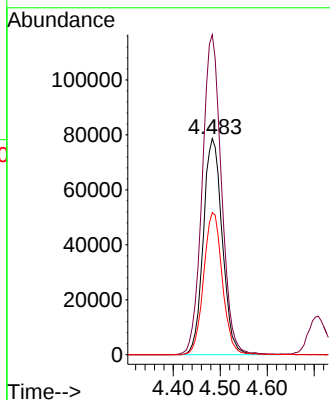
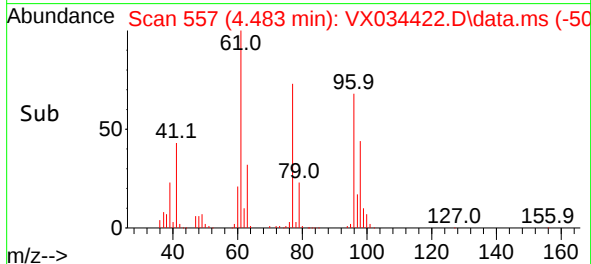
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



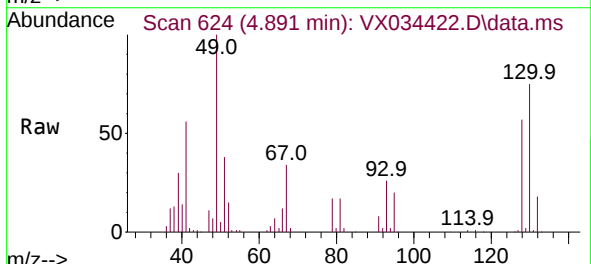
Tgt Ion: 96 Resp: 22005
Ion Ratio Lower Upper
96 100
61 150.6 0.0 300.4
98 65.0 0.0 129.0

Manual Integrations
APPROVED

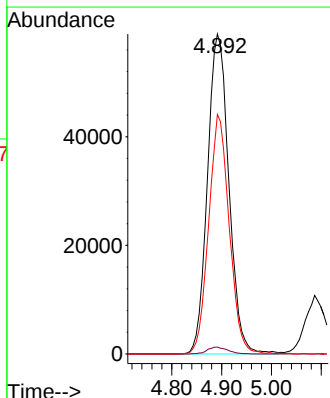
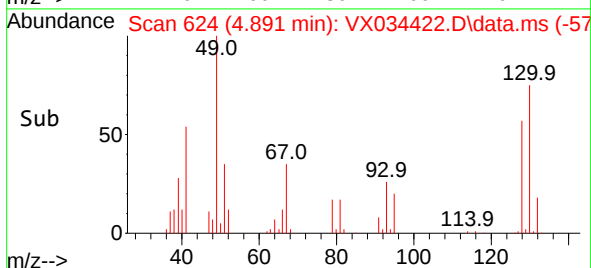
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

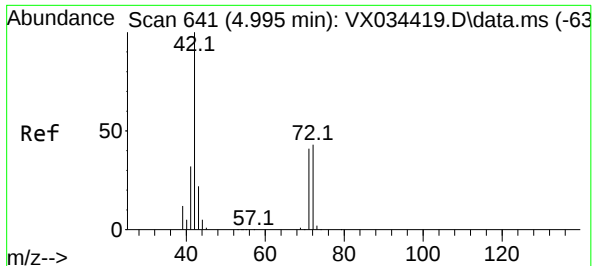


#28
Bromochloromethane
Concen: 47.031 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09



Tgt Ion: 49 Resp: 175580
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 71.8 58.2 87.2





#29

Tetrahydrofuran

Concen: 230.632 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX034422.D

Acq: 13 Mar 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 492562

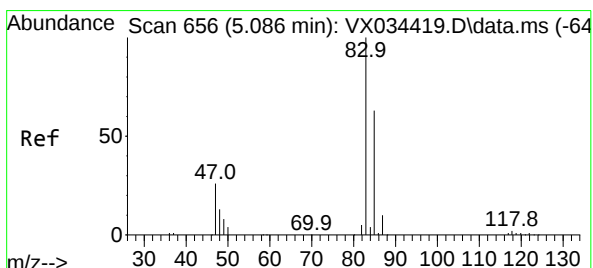
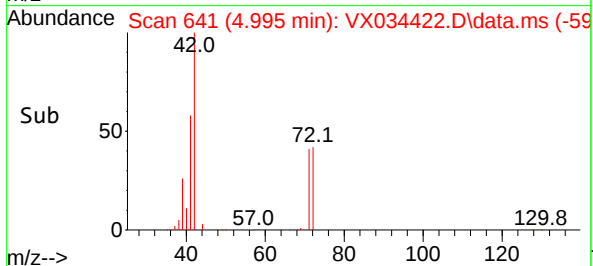
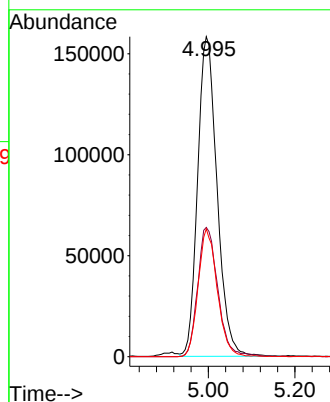
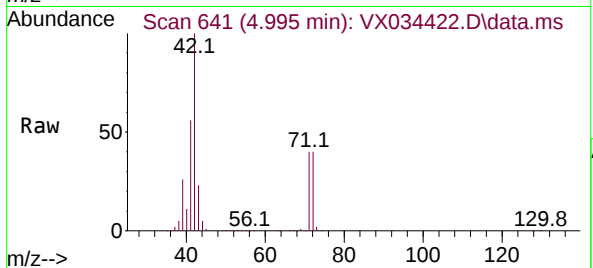
Ion	Ratio	Lower	Upper
42	100		
72	42.0	34.5	51.7
71	39.2	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#30

Chloroform

Concen: 45.616 ug/l

RT: 5.087 min Scan# 656

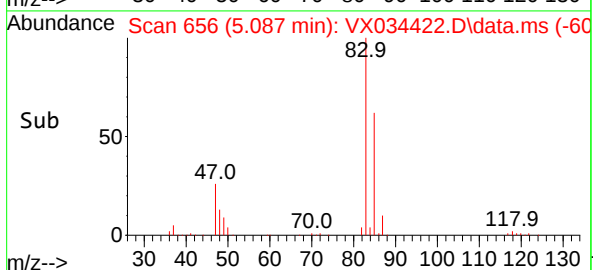
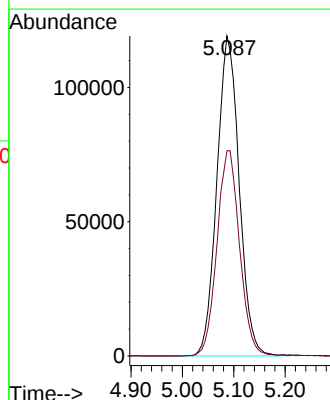
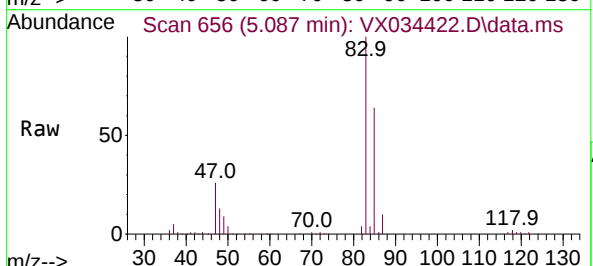
Delta R.T. 0.000 min

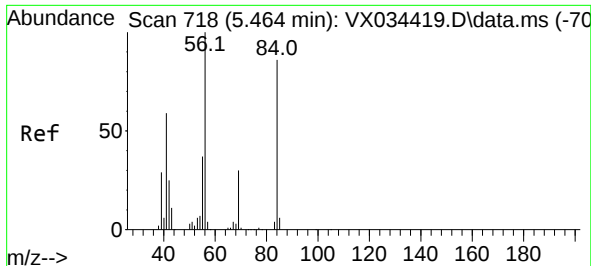
Lab File: VX034422.D

Acq: 13 Mar 2023 10:09

Tgt Ion: 83 Resp: 359020

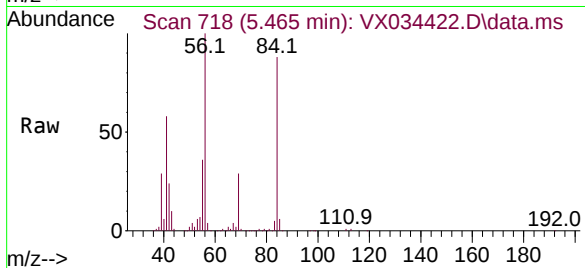
Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.6	76.0





#31
Cyclohexane
Concen: 44.741 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

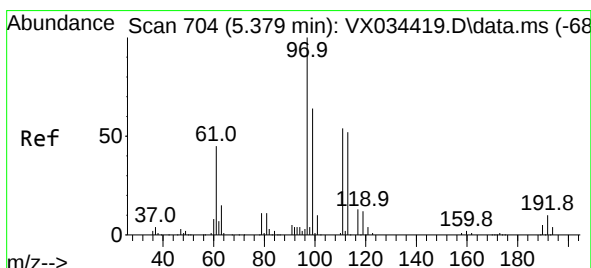
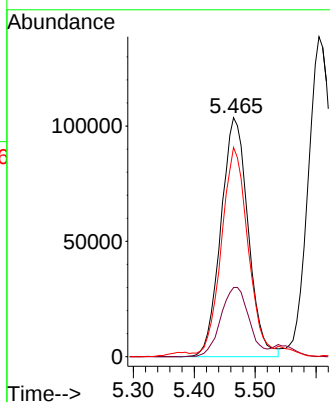
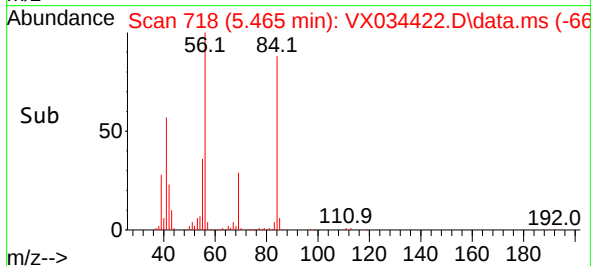
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



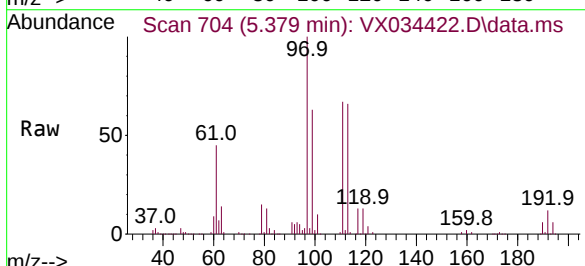
Tgt Ion: 56 Resp: 322218
Ion Ratio Lower Upper
56 100
69 29.0 23.7 35.5
84 85.8 68.5 102.7

Manual Integrations
APPROVED

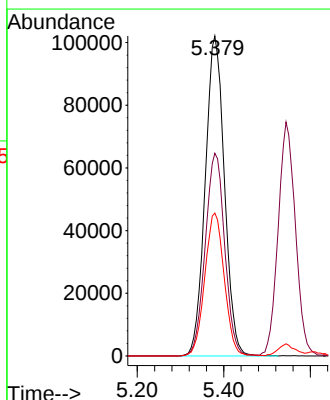
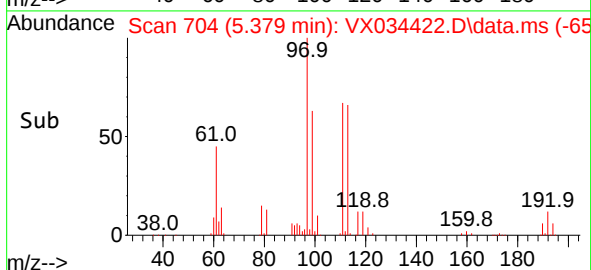
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

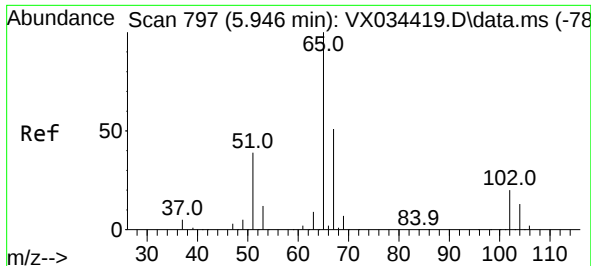


#32
1,1,1-Trichloroethane
Concen: 45.145 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09



Tgt Ion: 97 Resp: 314545
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 45.4 36.5 54.7





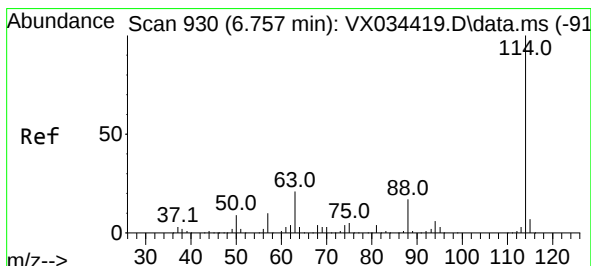
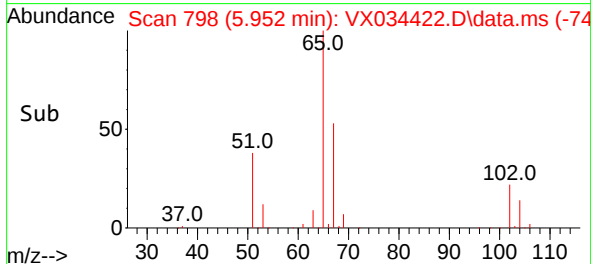
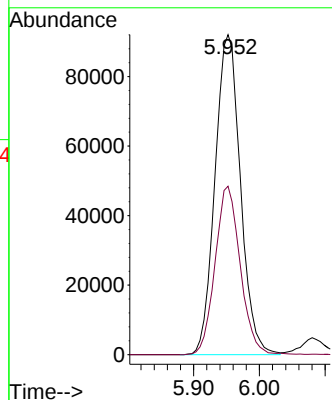
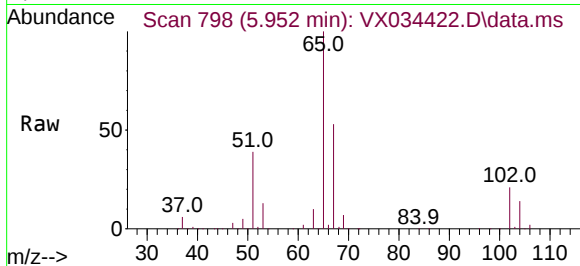
#33
1,2-Dichloroethane-d4
Concen: 48.239 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 247715
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.0

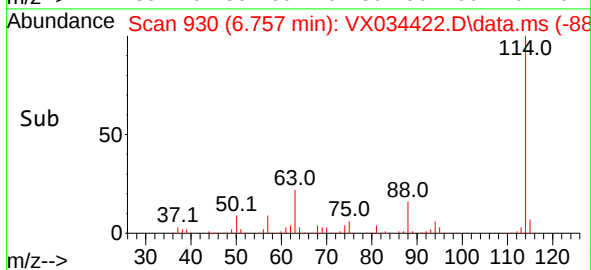
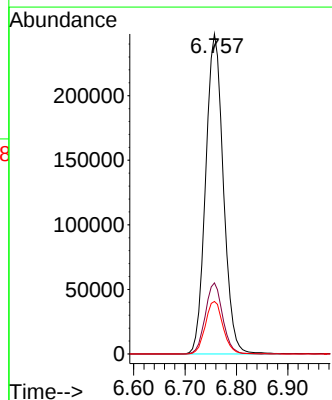
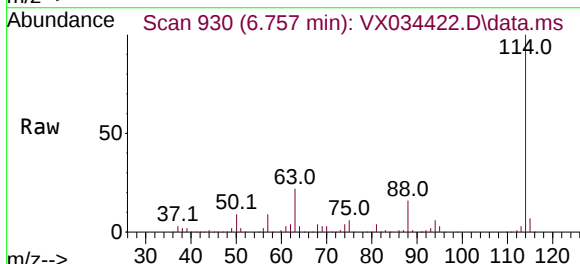
Manual Integrations
APPROVED

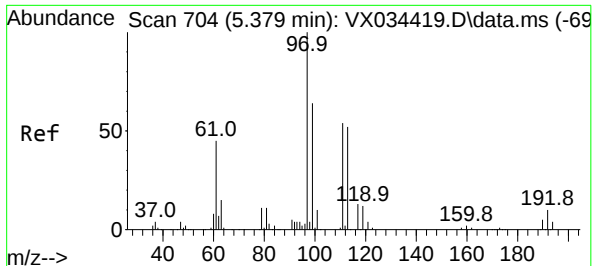
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

Tgt Ion:114 Resp: 592065
Ion Ratio Lower Upper
114 100
63 22.2 0.0 42.2
88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.529 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX034422.D

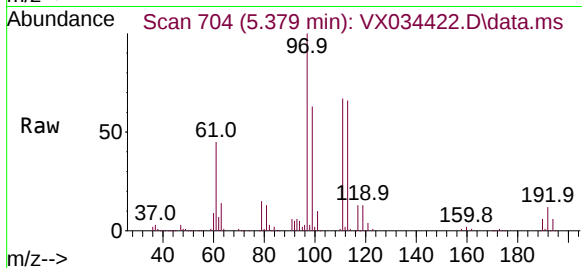
Acq: 13 Mar 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



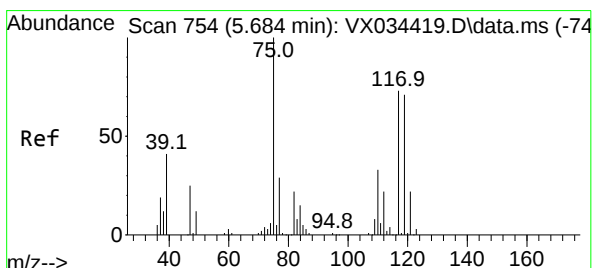
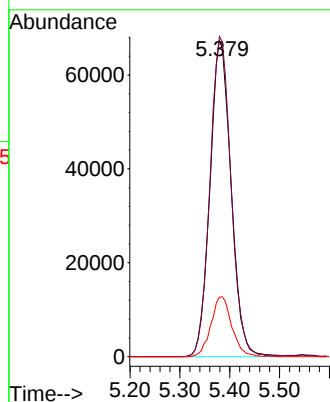
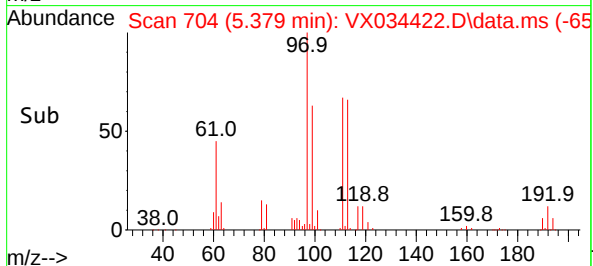
Tgt Ion:	113	Resp:	19752
Ion Ratio	Lower	Upper	
113	100		
111	101.3	83.7	125.5
192	18.8	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#36

1,1-Dichloropropene

Concen: 44.161 ug/l

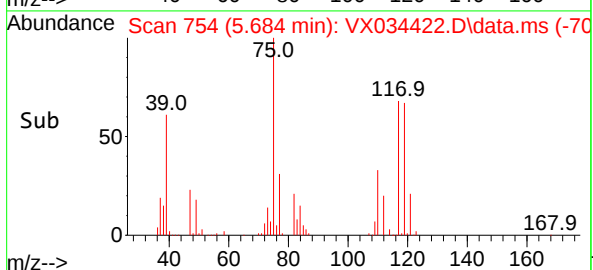
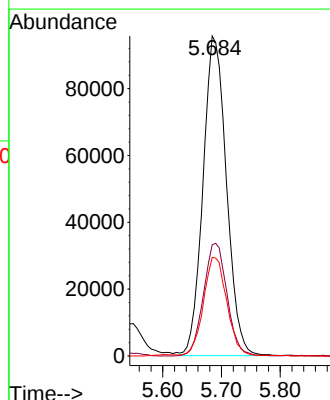
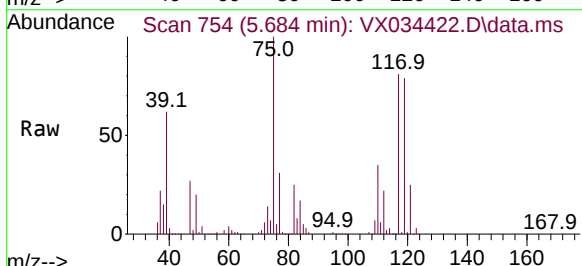
RT: 5.684 min Scan# 754

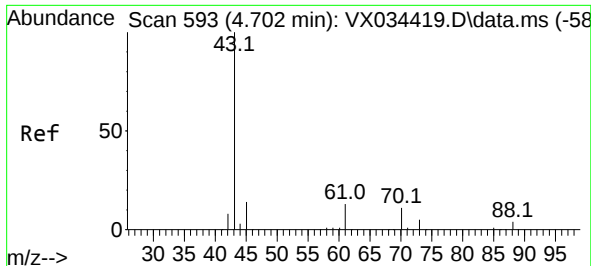
Delta R.T. 0.000 min

Lab File: VX034422.D

Acq: 13 Mar 2023 10:09

Tgt Ion:	75	Resp:	265146
Ion Ratio	Lower	Upper	
75	100		
110	35.5	17.5	52.5
77	30.6	24.3	36.5





#37

Ethyl Acetate

Concen: 46.013 ug/l

RT: 4.709 min Scan# 593

Delta R.T. 0.006 min

Lab File: VX034422.D

Acq: 13 Mar 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 30181

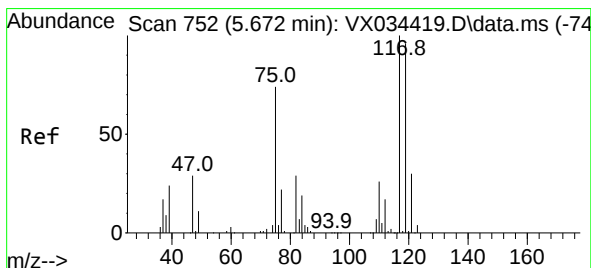
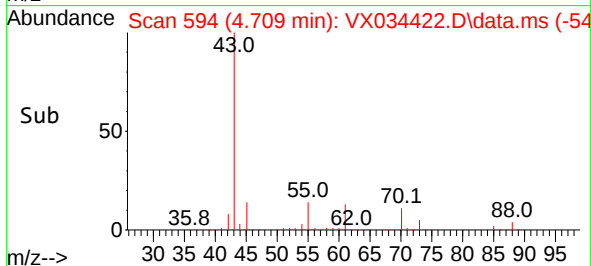
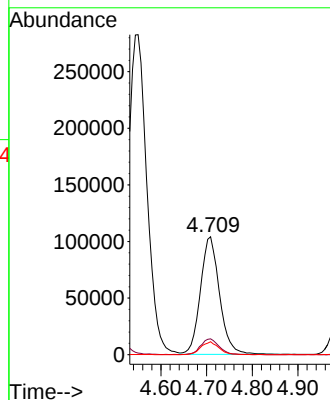
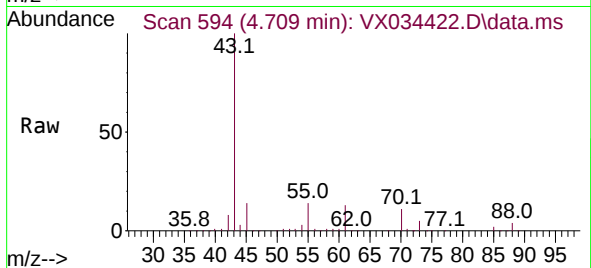
Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.2	15.4
70	10.4	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#38

Carbon Tetrachloride

Concen: 45.061 ug/l

RT: 5.672 min Scan# 752

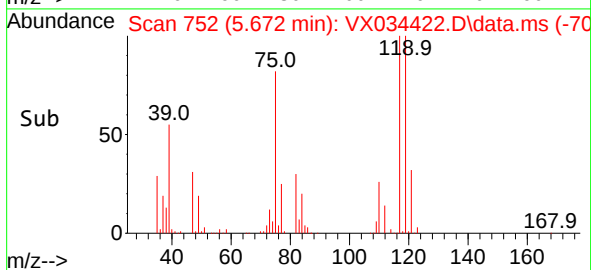
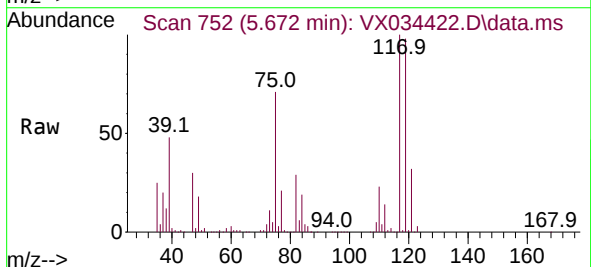
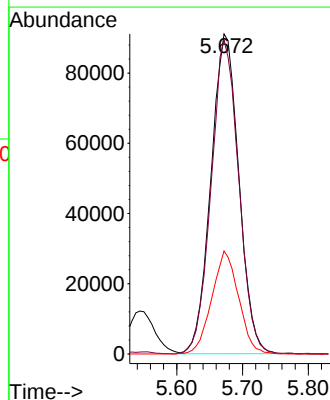
Delta R.T. 0.000 min

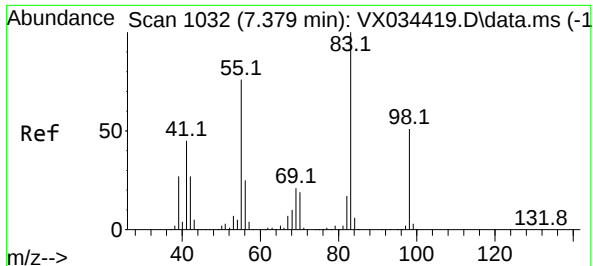
Lab File: VX034422.D

Acq: 13 Mar 2023 10:09

Tgt Ion:117 Resp: 269149

Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.6	114.8
121	32.2	23.8	35.6





#39

Methylcyclohexane

Concen: 45.002 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034422.D

Acq: 13 Mar 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

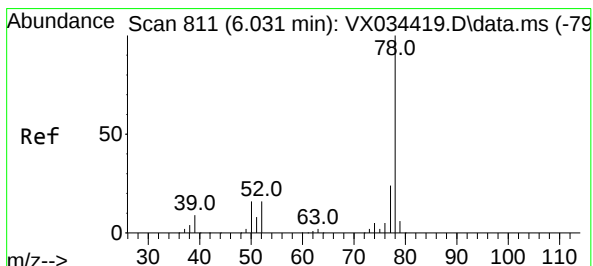
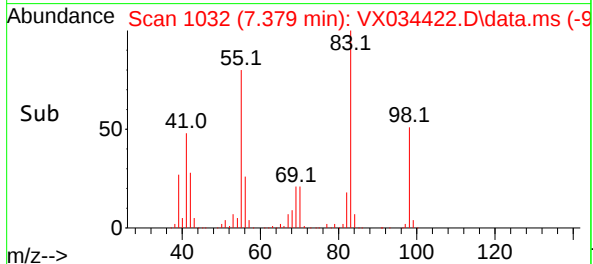
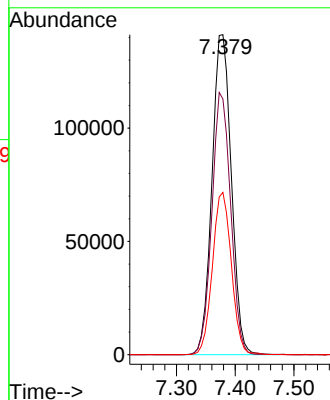
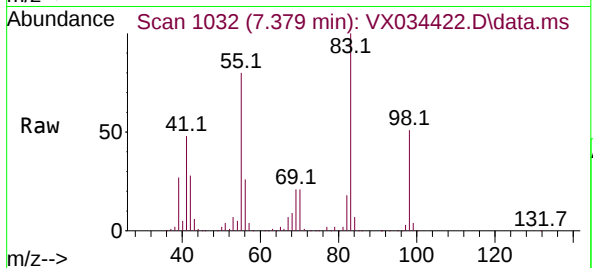
Tgt Ion: 83 Resp: 32335
 Ion Ratio Lower Upper
 83 100
 55 79.9 60.5 90.7
 98 50.7 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#40

Benzene

Concen: 45.329 ug/l

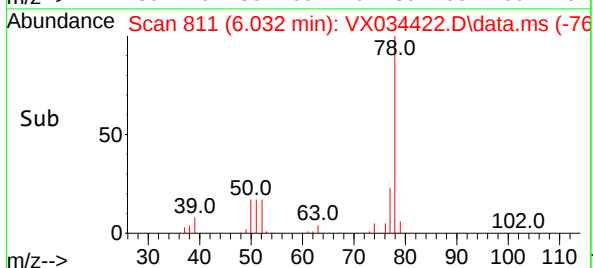
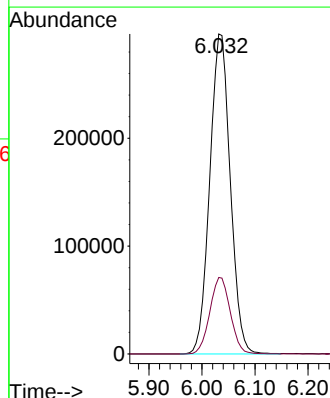
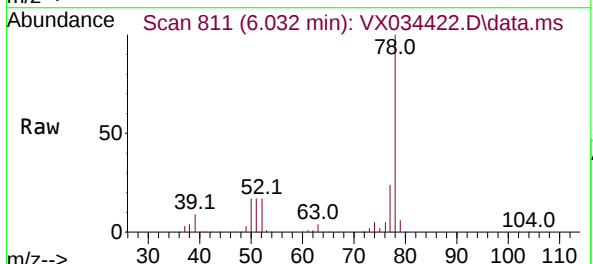
RT: 6.032 min Scan# 811

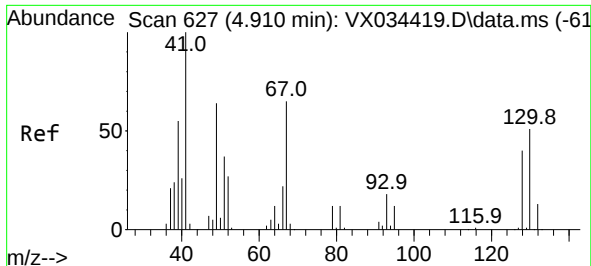
Delta R.T. 0.000 min

Lab File: VX034422.D

Acq: 13 Mar 2023 10:09

Tgt Ion: 78 Resp: 796169
 Ion Ratio Lower Upper
 78 100
 77 23.9 19.0 28.4





#41
Methacrylonitrile
Concen: 47.343 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

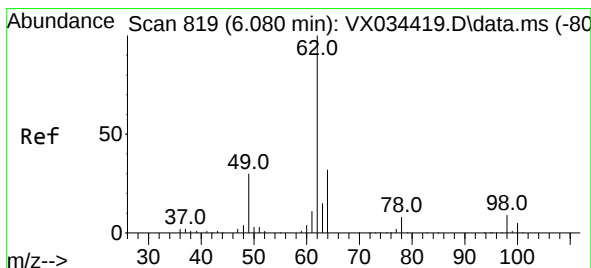
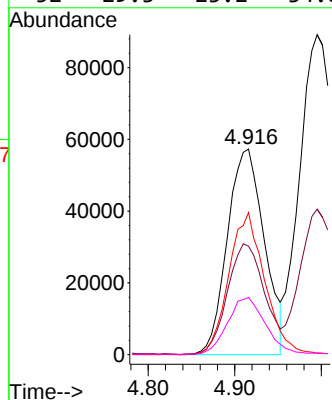
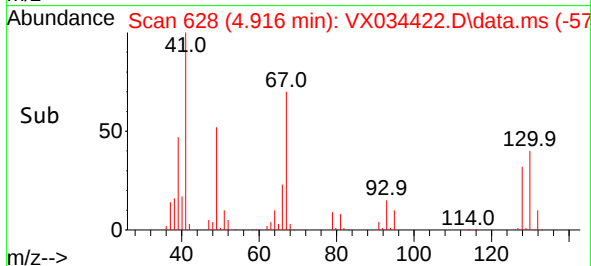
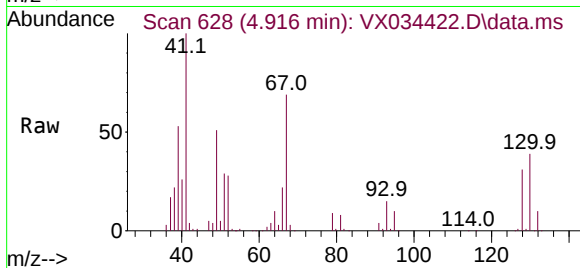
Tgt Ion: 41 Resp: 17018
Ion Ratio Lower Upper
41 100
39 53.9 45.0 67.6
67 67.7 55.6 83.4
52 29.3 23.2 34.8

Manual Integrations

APPROVED

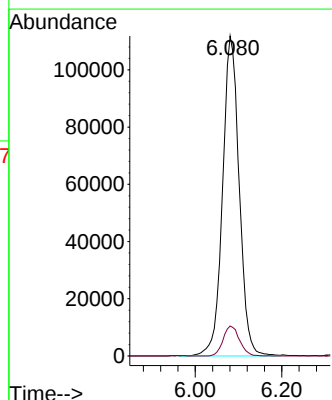
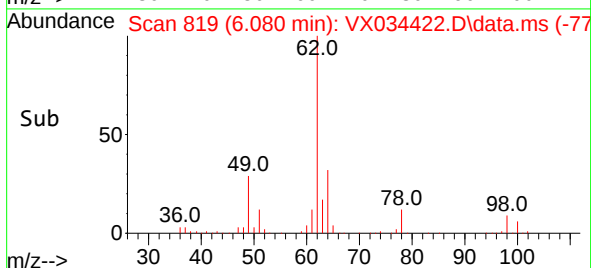
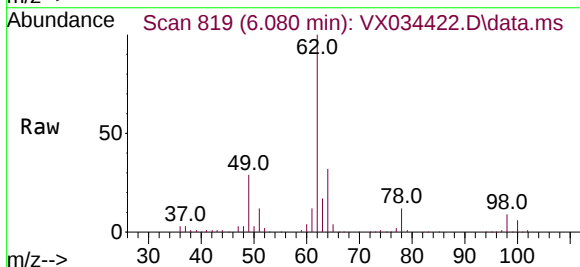
Reviewed By :John Carlone 03/14/2023

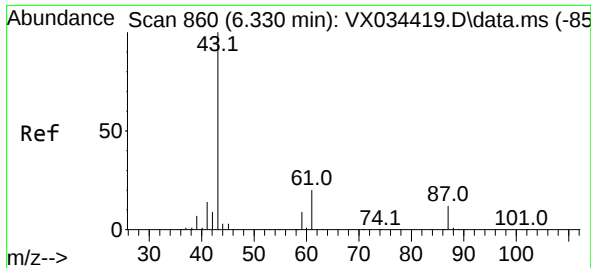
Supervised By :Mahesh Dadoda 03/15/2023



#42
1,2-Dichloroethane
Concen: 46.325 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

Tgt Ion: 62 Resp: 299040
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.0





#43

Isopropyl Acetate

Concen: 46.689 ug/l

RT: 6.330 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX034422.D

Acq: 13 Mar 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 51880

Ion Ratio Lower Upper

43 100

61 19.6 15.2 22.8

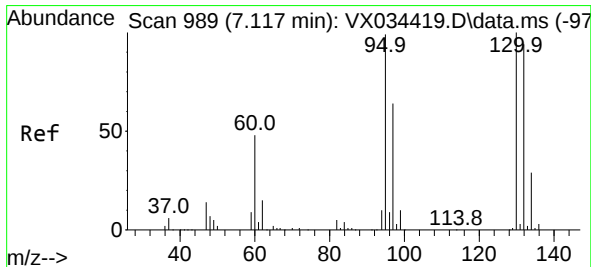
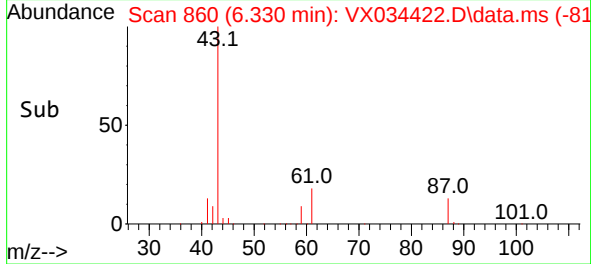
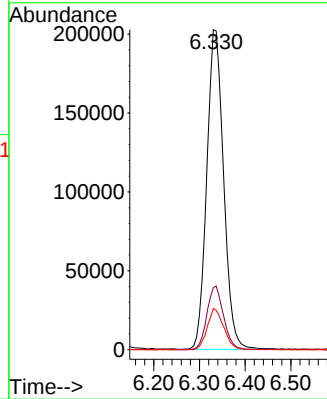
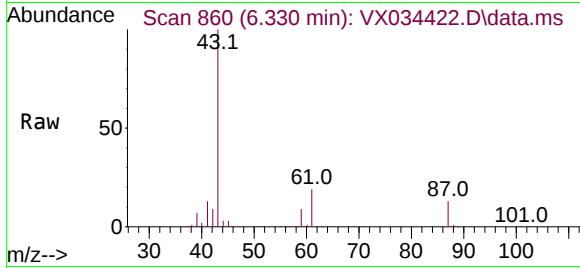
87 12.6 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#44

Trichloroethene

Concen: 44.455 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX034422.D

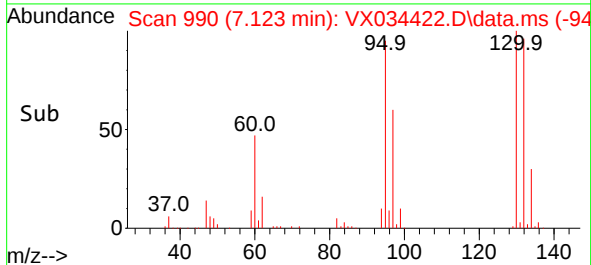
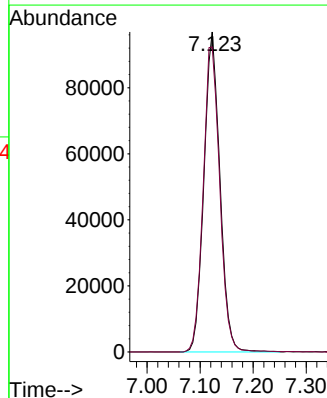
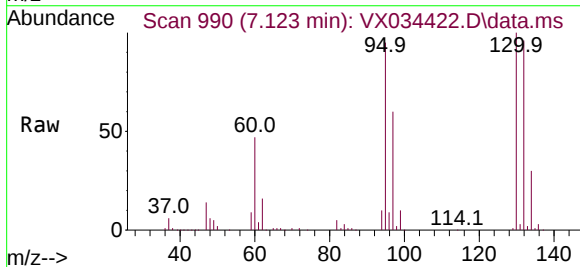
Acq: 13 Mar 2023 10:09

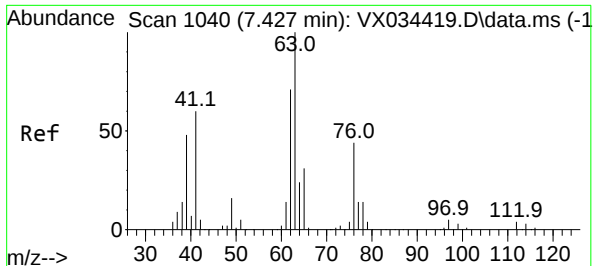
Tgt Ion:130 Resp: 202877

Ion Ratio Lower Upper

130 100

95 95.3 0.0 198.4





#45

1,2-Dichloropropane

Concen: 46.078 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034422.D

Acq: 13 Mar 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 211319

Ion Ratio Lower Upper

63 100

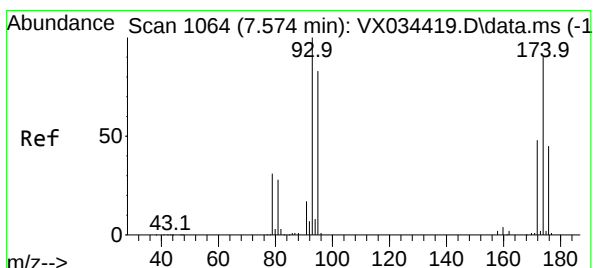
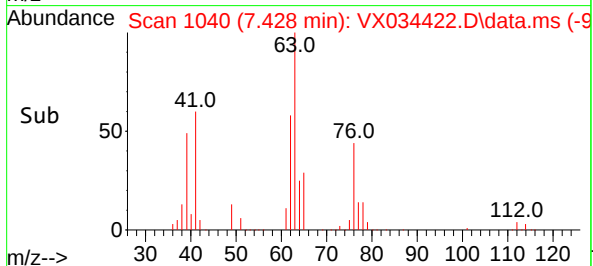
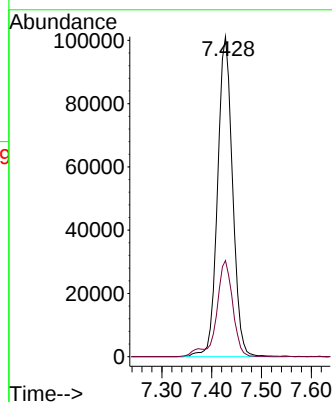
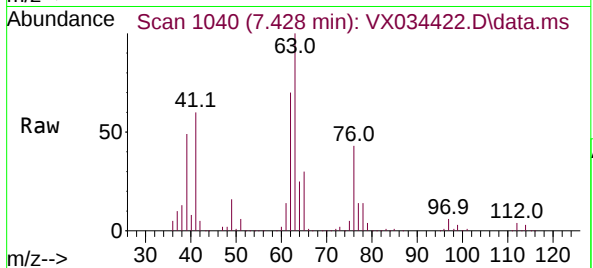
65 30.1 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#46

Dibromomethane

Concen: 45.955 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX034422.D

Acq: 13 Mar 2023 10:09

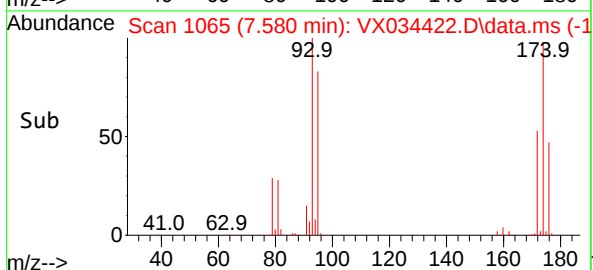
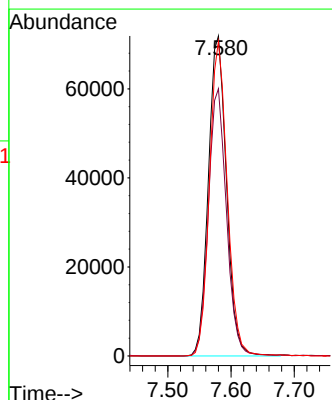
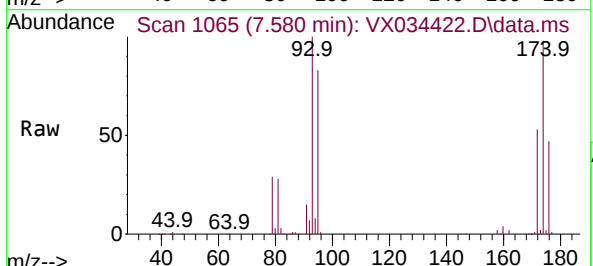
Tgt Ion: 93 Resp: 143282

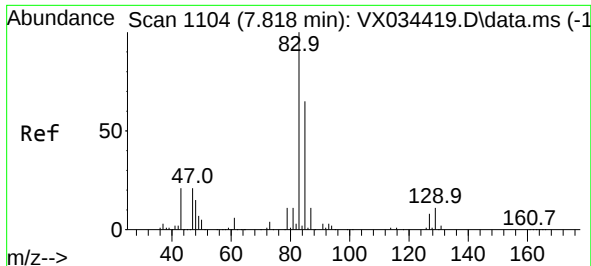
Ion Ratio Lower Upper

93 100

95 83.5 66.9 100.3

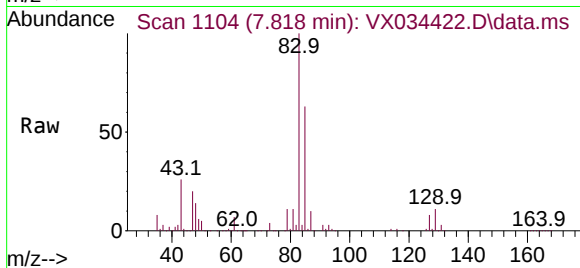
174 96.3 75.4 113.0





#47
Bromodichloromethane
Concen: 48.089 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

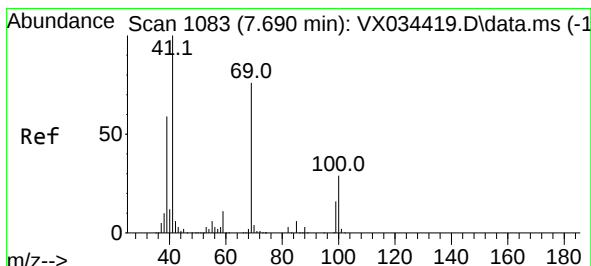
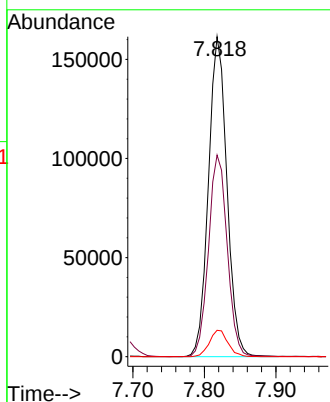
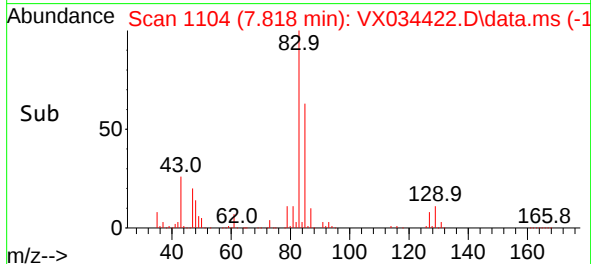
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 290183
Ion Ratio Lower Upper
83 100
85 62.9 52.2 78.4
127 8.3 6.6 9.8

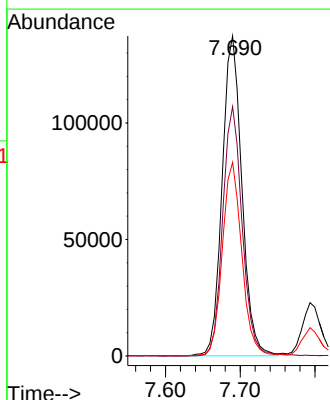
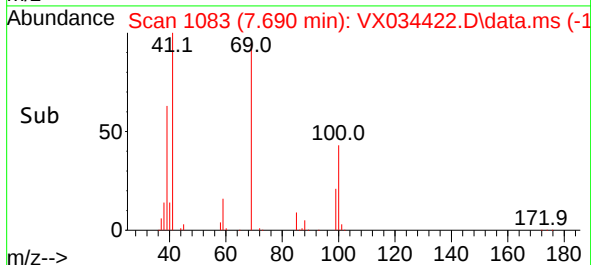
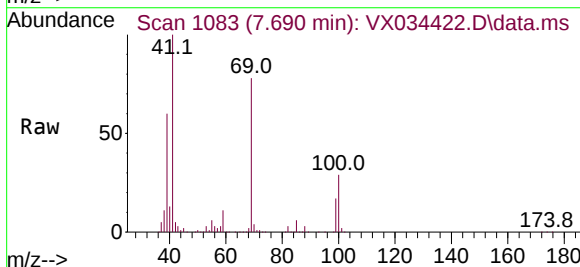
Manual Integrations
APPROVED

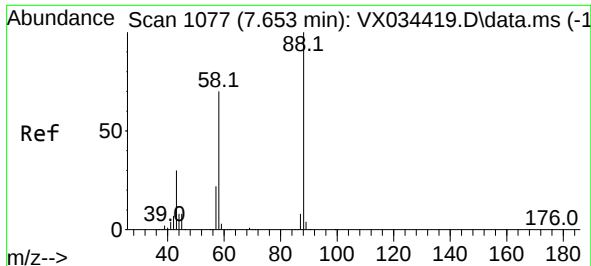
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#48
Methyl methacrylate
Concen: 47.055 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

Tgt Ion: 41 Resp: 251474
Ion Ratio Lower Upper
41 100
69 77.3 62.2 93.4
39 59.9 47.7 71.5





#49

1,4-Dioxane

Concen: 845.606 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VX034422.D

Acq: 13 Mar 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

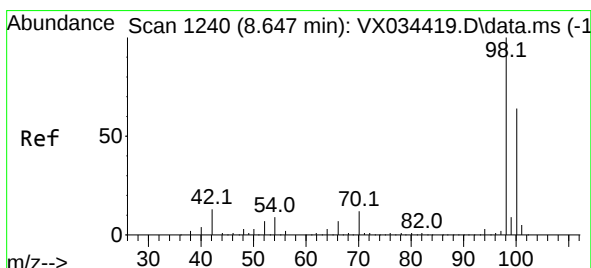
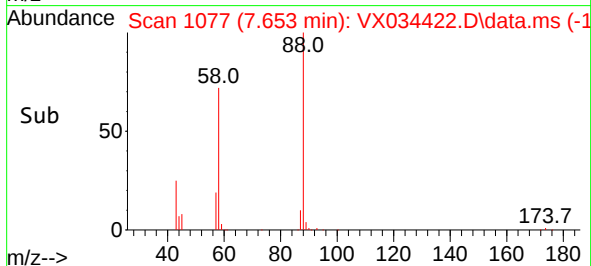
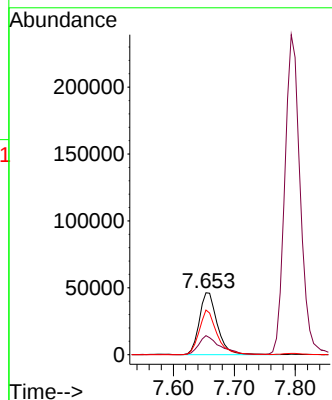
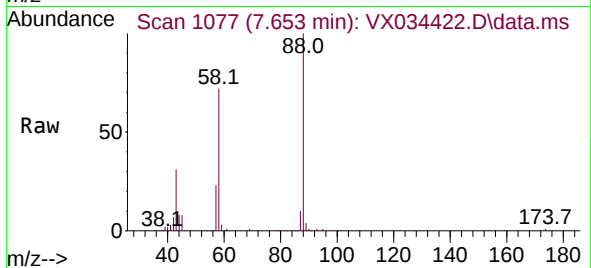
Tgt Ion:	88	Resp:	94919
Ion Ratio	Lower	Upper	
88	100		
43	35.5	27.7	41.5
58	70.7	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#50

Toluene-d8

Concen: 50.589 ug/l

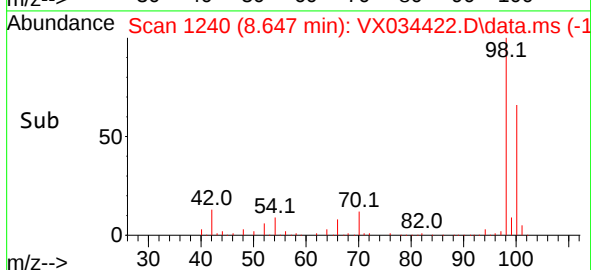
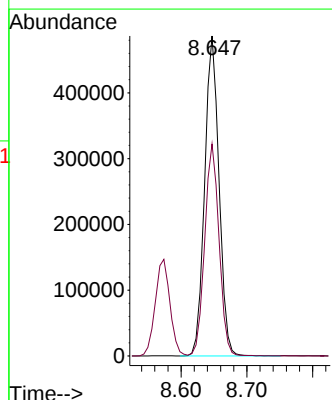
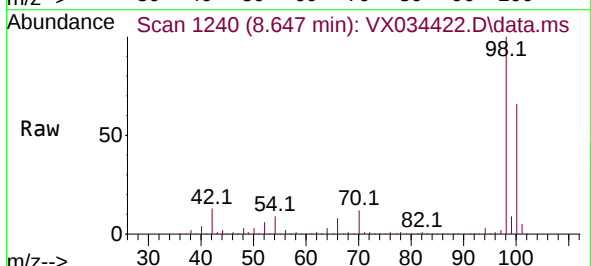
RT: 8.647 min Scan# 1240

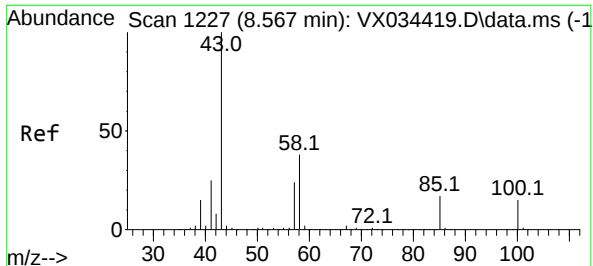
Delta R.T. 0.000 min

Lab File: VX034422.D

Acq: 13 Mar 2023 10:09

Tgt Ion:	98	Resp:	738244
Ion Ratio	Lower	Upper	
98	100		
100	66.2	52.5	78.7





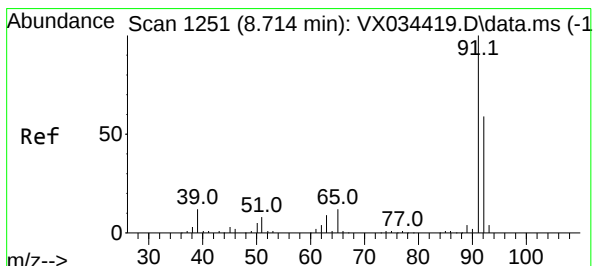
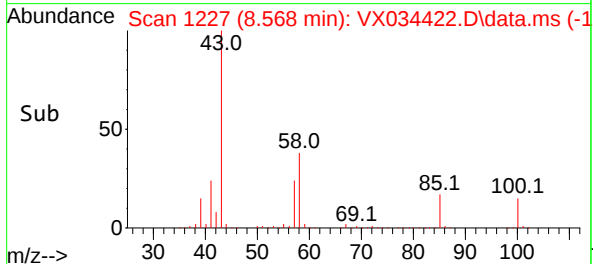
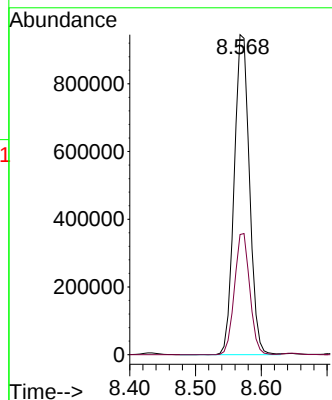
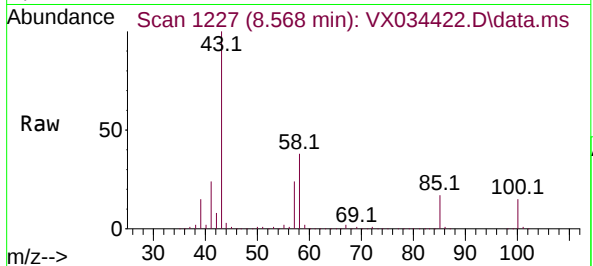
#51
4-Methyl-2-Pentanone
Concen: 237.163 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1528784
Ion Ratio Lower Upper
43 100
58 37.9 30.6 46.0

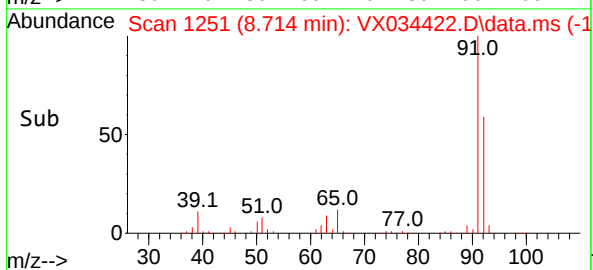
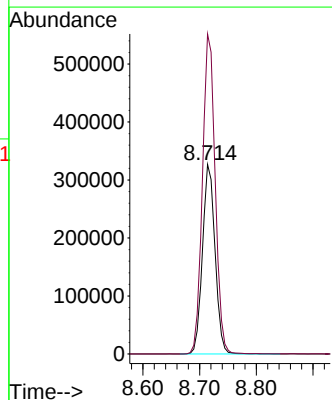
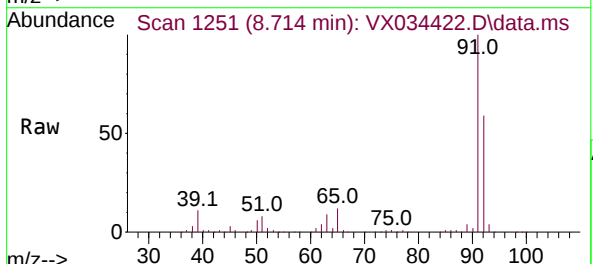
Manual Integrations
APPROVED

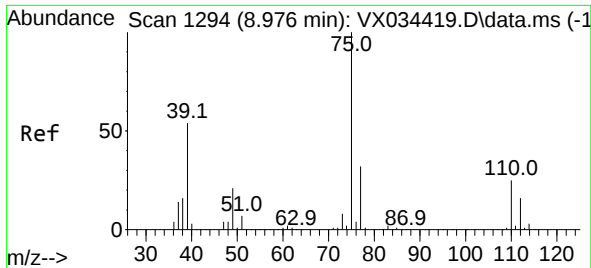
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#52
Toluene
Concen: 46.276 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

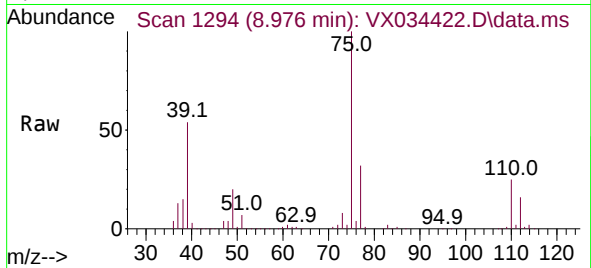
Tgt Ion: 92 Resp: 503215
Ion Ratio Lower Upper
92 100
91 171.2 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 49.603 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

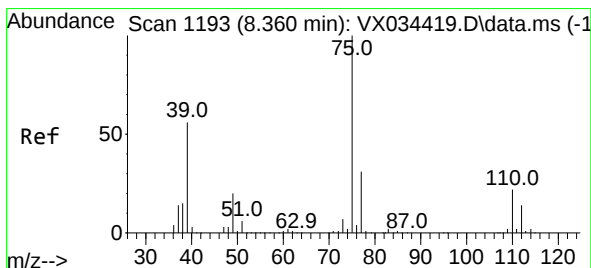
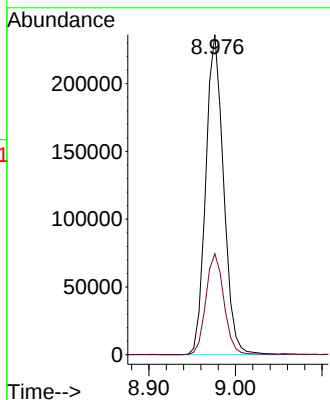
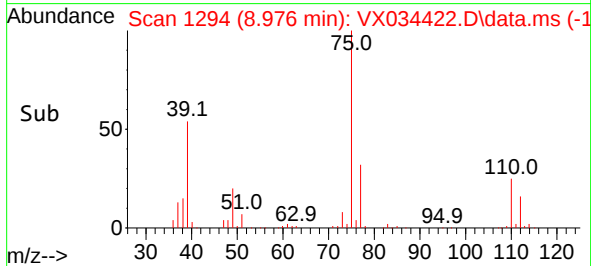
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 33721
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2

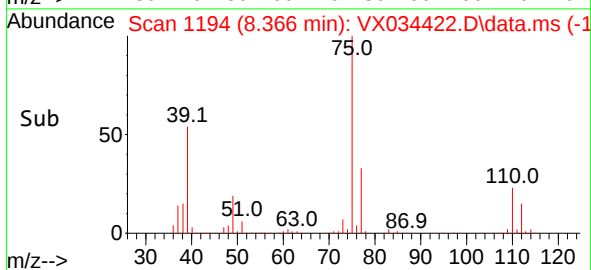
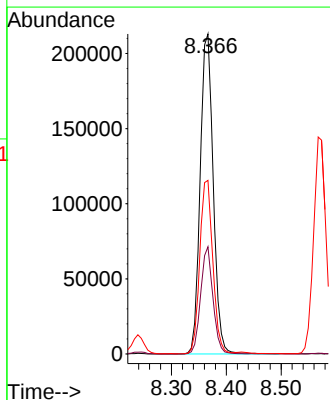
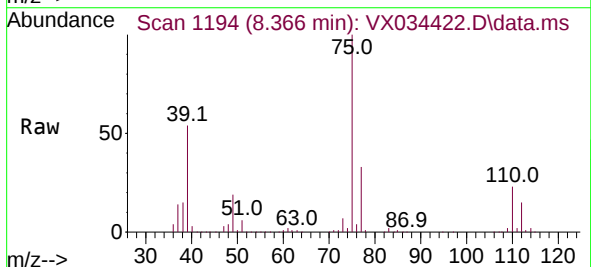
Manual Integrations
APPROVED

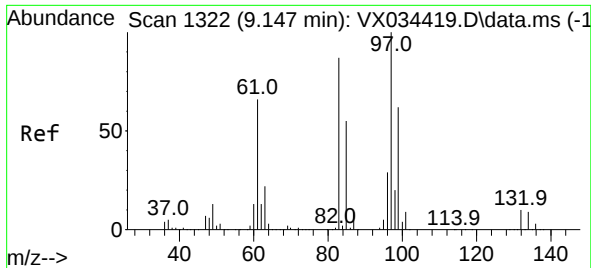
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#54
cis-1,3-Dichloropropene
Concen: 47.826 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

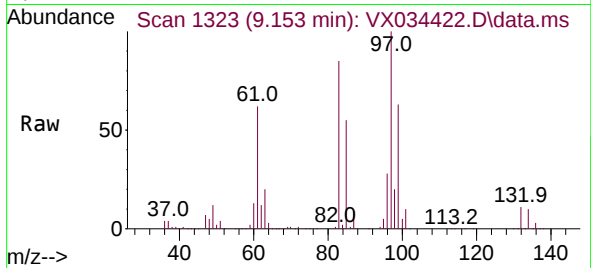
Tgt Ion: 75 Resp: 351758
Ion Ratio Lower Upper
75 100
77 33.5 25.0 37.4
39 54.2 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 48.270 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

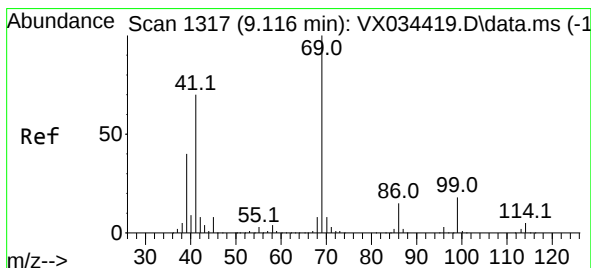
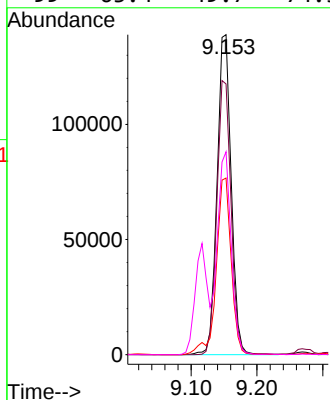
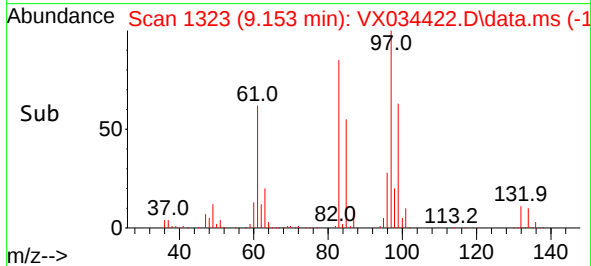
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



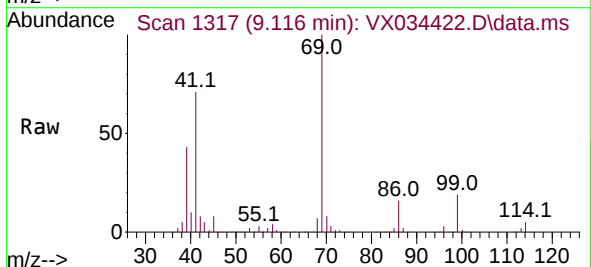
Tgt Ion: 97 Resp: 208315
Ion Ratio Lower Upper
97 100
83 84.6 69.7 104.5
85 55.2 43.7 65.5
99 63.4 49.7 74.5

Manual Integrations
APPROVED

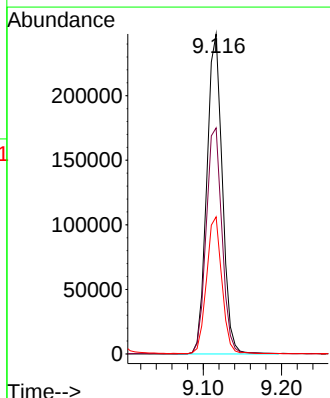
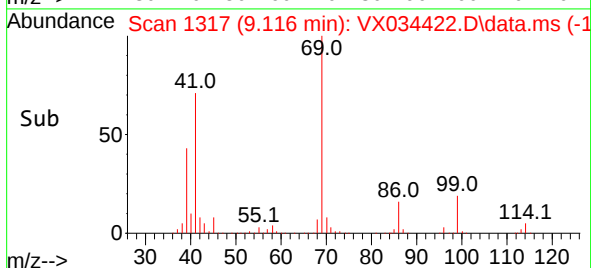
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

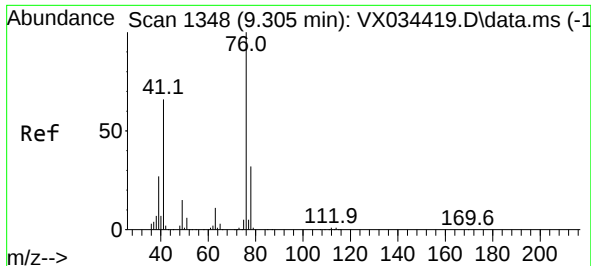


#56
Ethyl methacrylate
Concen: 47.978 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09



Tgt Ion: 69 Resp: 339956
Ion Ratio Lower Upper
69 100
41 72.3 57.4 86.0
39 42.1 33.7 50.5





#57

1,3-Dichloropropane

Concen: 46.673 ug/l

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034422.D

Acq: 13 Mar 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 35798

Ion Ratio Lower Upper

76 100

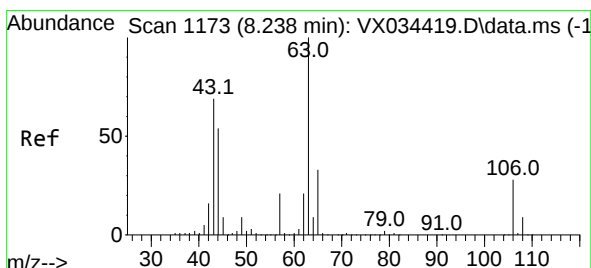
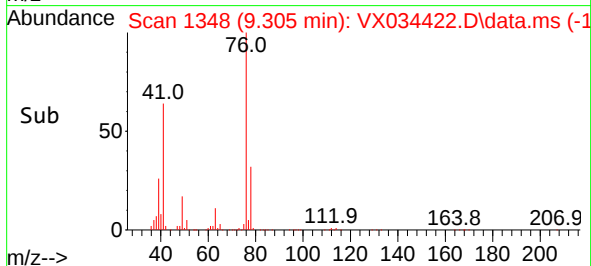
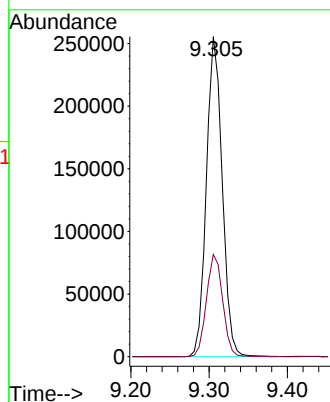
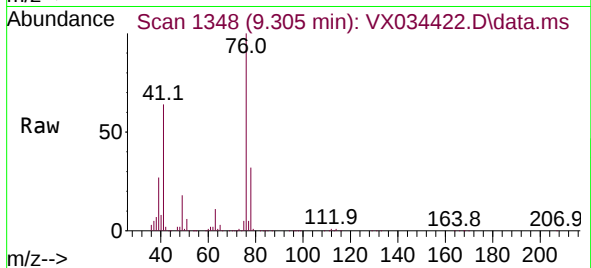
78 32.8 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 226.443 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034422.D

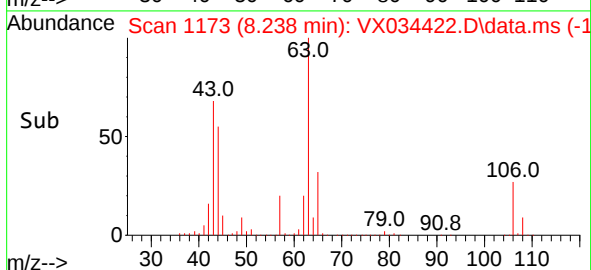
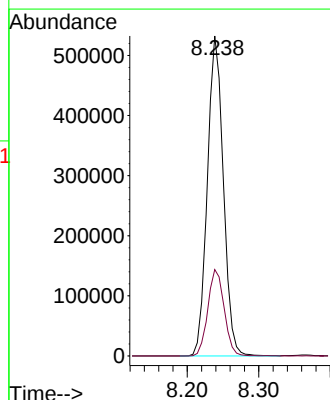
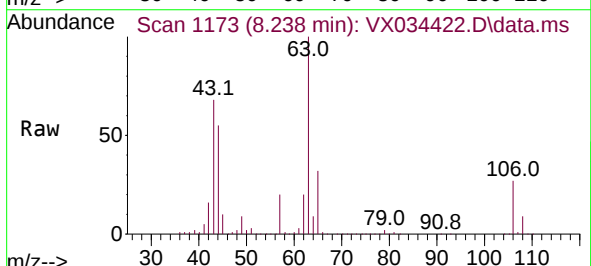
Acq: 13 Mar 2023 10:09

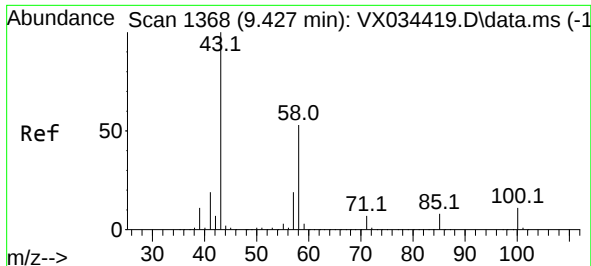
Tgt Ion: 63 Resp: 826895

Ion Ratio Lower Upper

63 100

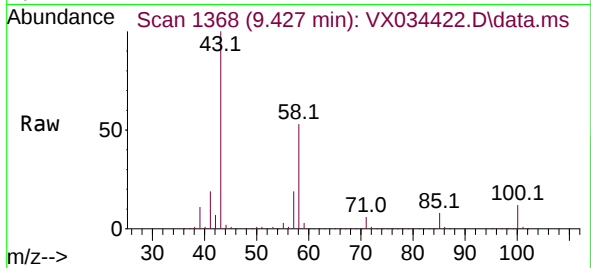
106 27.6 22.2 33.2





#59
2-Hexanone
Concen: 235.192 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

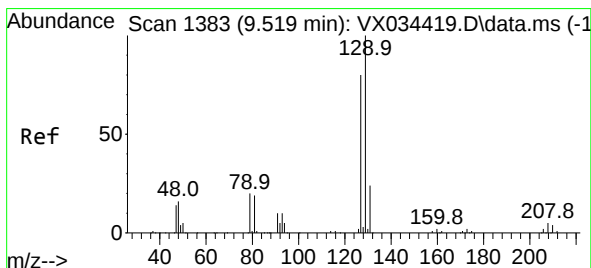
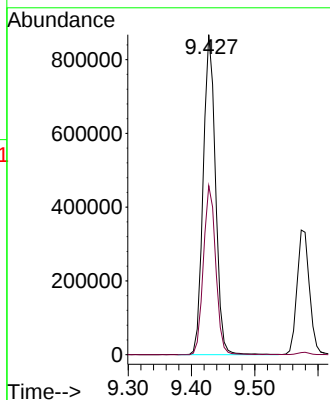
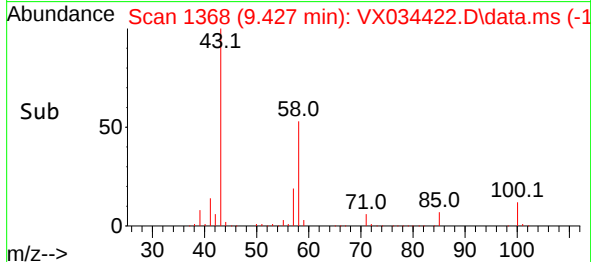
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



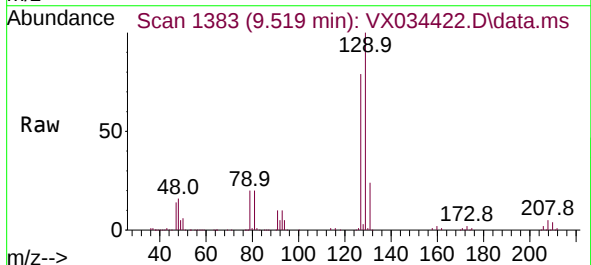
Tgt Ion: 43 Resp: 117195
Ion Ratio Lower Upper
43 100
58 53.0 26.3 78.9

Manual Integrations
APPROVED

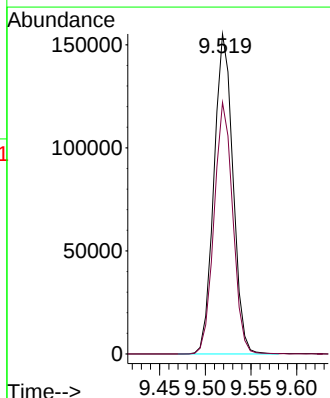
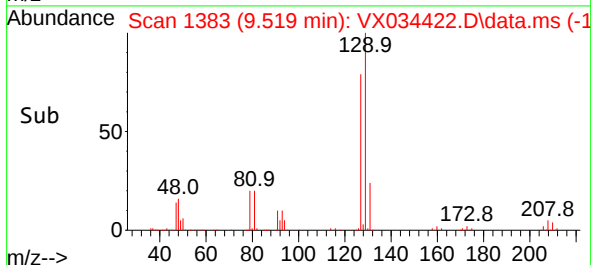
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

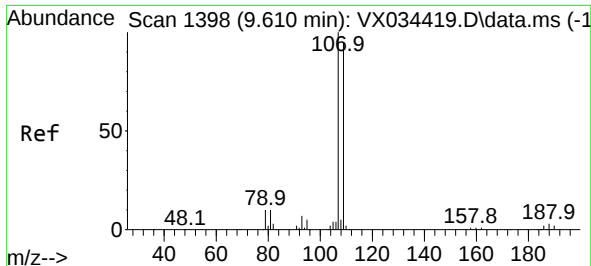


#60
Dibromochloromethane
Concen: 49.691 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09



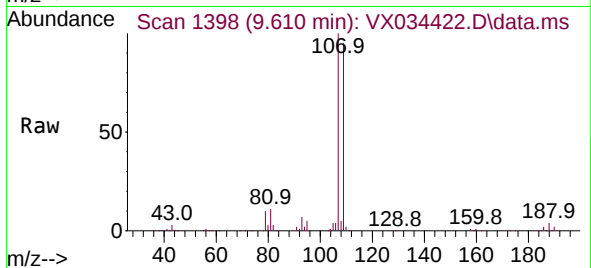
Tgt Ion:129 Resp: 224911
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0





#61
1,2-Dibromoethane
Concen: 47.117 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

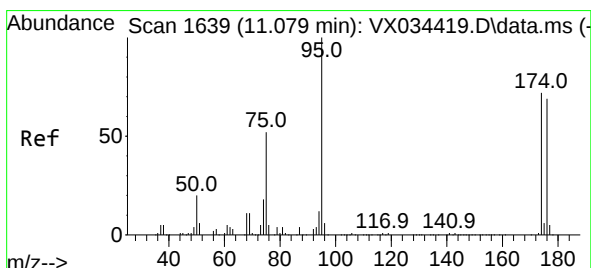
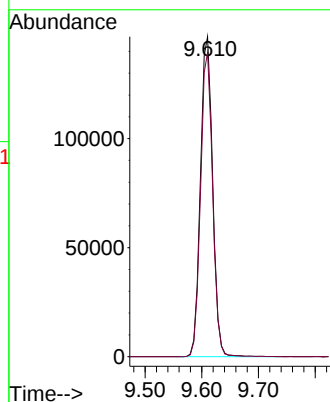
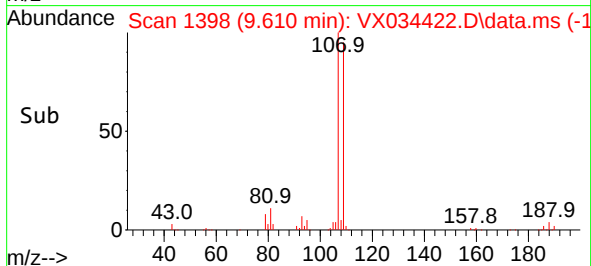
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 219424
Ion Ratio Lower Upper
107 100
109 93.7 75.3 112.9

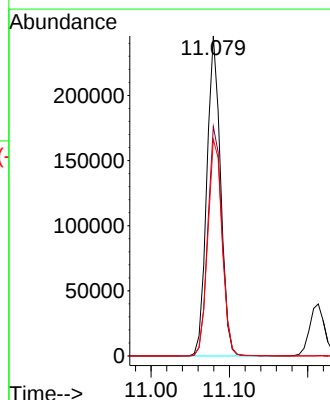
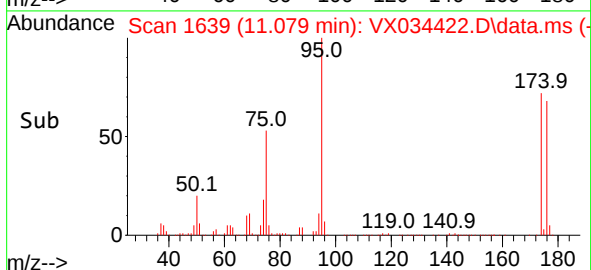
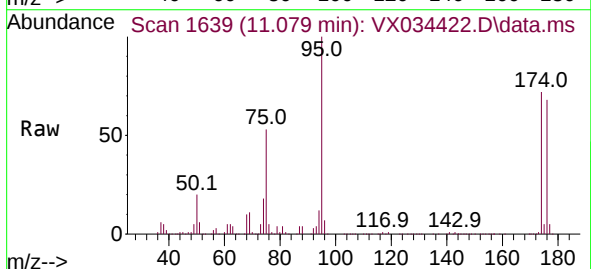
Manual Integrations
APPROVED

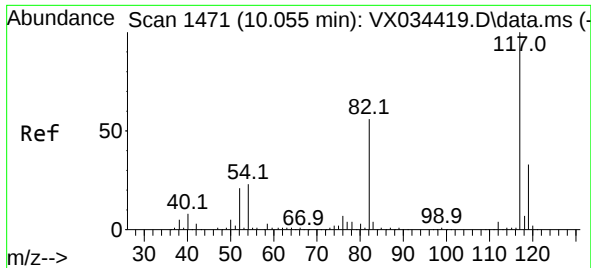
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#62
4-Bromofluorobenzene
Concen: 50.630 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

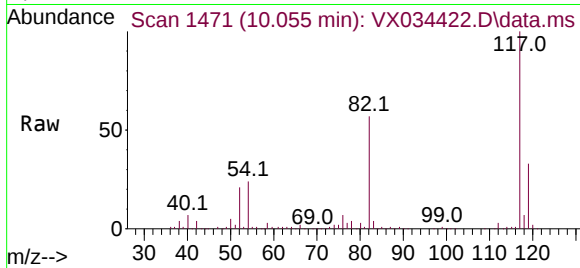
Tgt Ion: 95 Resp: 298437
Ion Ratio Lower Upper
95 100
174 74.0 0.0 147.4
176 70.4 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

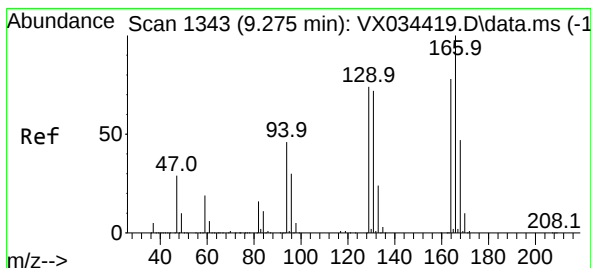
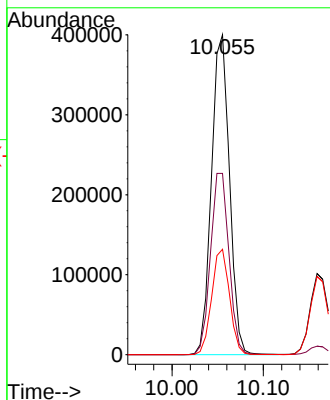
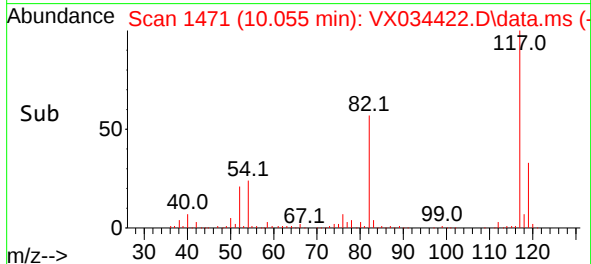
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 546770
Ion Ratio Lower Upper
117 100
82 56.6 45.0 67.4
119 32.9 26.0 39.0

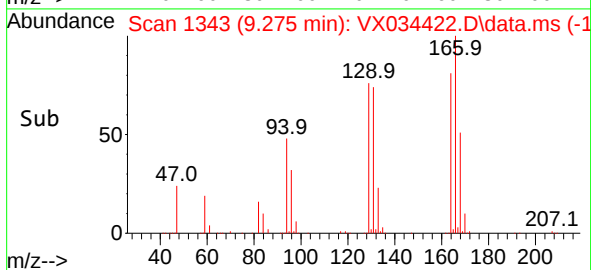
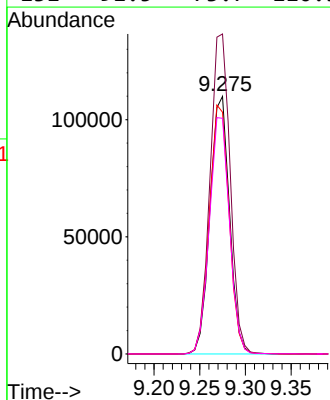
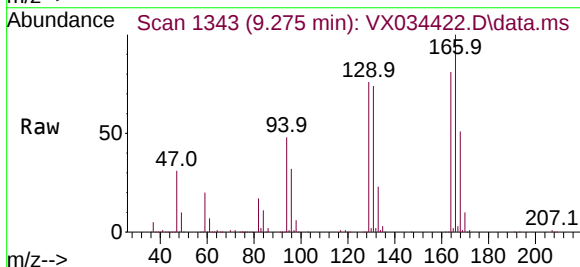
Manual Integrations
APPROVED

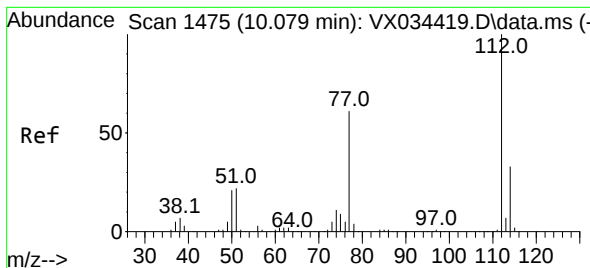
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#64
Tetrachloroethene
Concen: 44.265 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

Tgt Ion:164 Resp: 162578
Ion Ratio Lower Upper
164 100
166 124.2 102.7 154.1
129 93.8 75.6 113.4
131 91.5 73.7 110.5





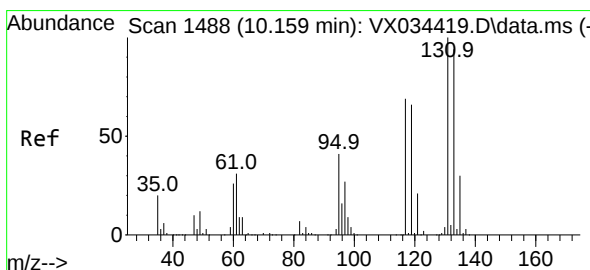
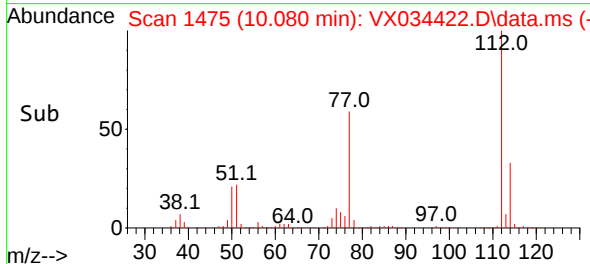
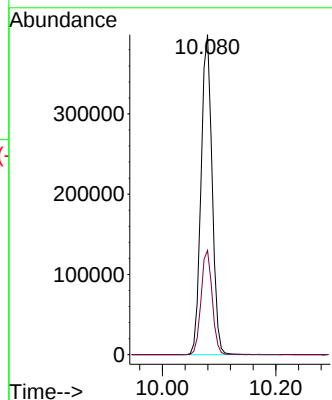
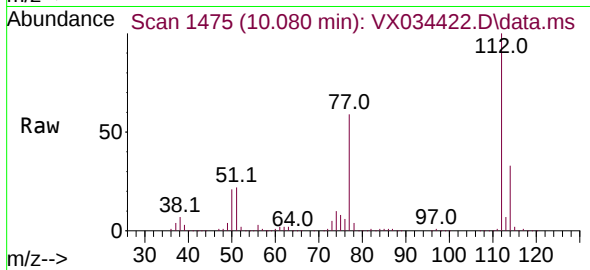
#65
Chlorobenzene
Concen: 44.918 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 53886
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.2

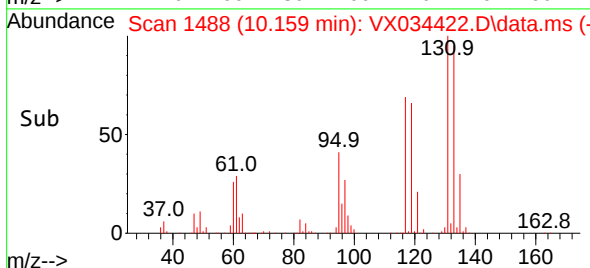
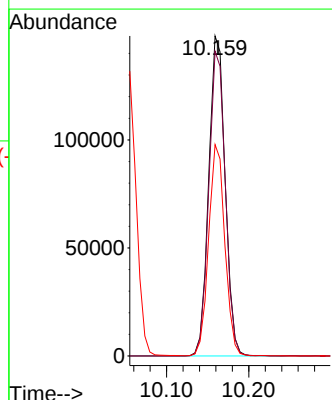
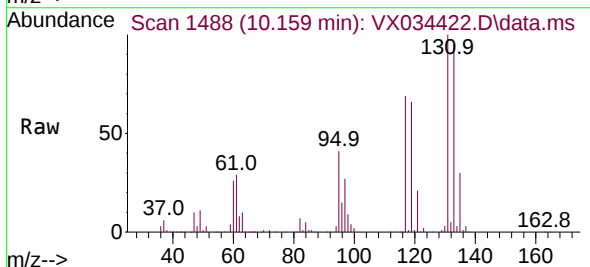
Manual Integrations
APPROVED

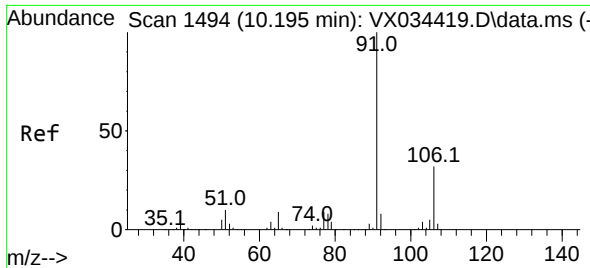
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 46.943 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

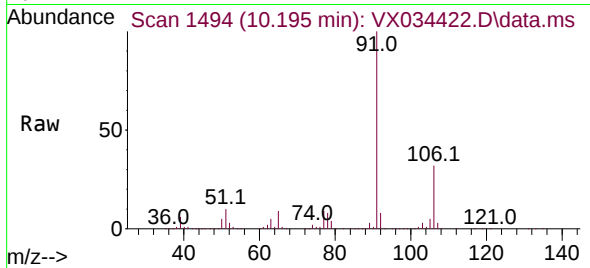
Tgt Ion:131 Resp: 205105
Ion Ratio Lower Upper
131 100
133 95.7 47.1 141.4
119 65.2 32.6 98.0





#67
Ethyl Benzene
Concen: 45.445 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

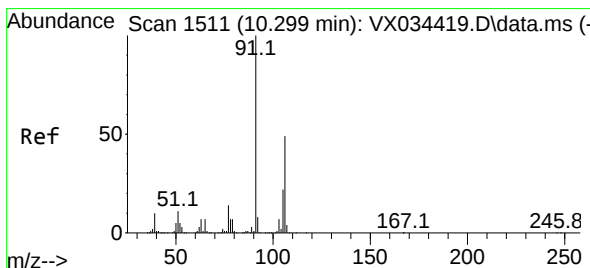
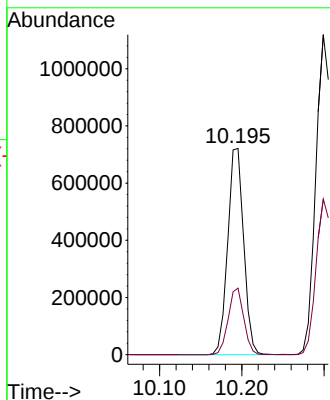
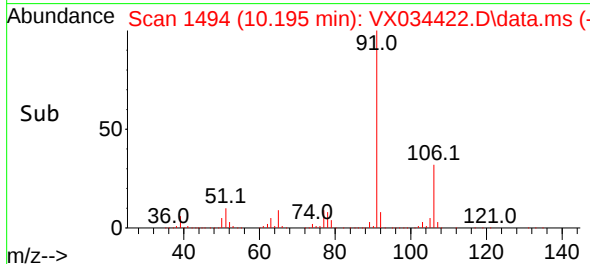
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



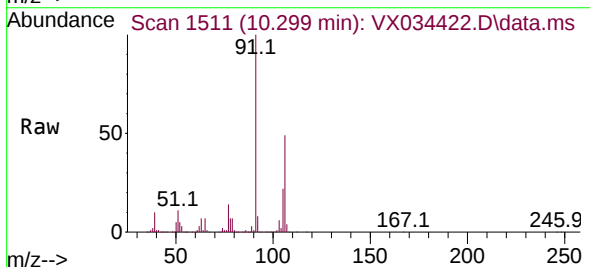
Tgt Ion: 91 Resp: 976011
Ion Ratio Lower Upper
91 100
106 32.3 25.6 38.4

Manual Integrations
APPROVED

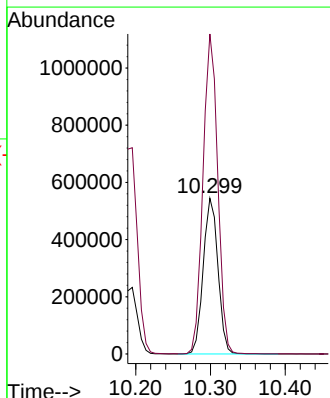
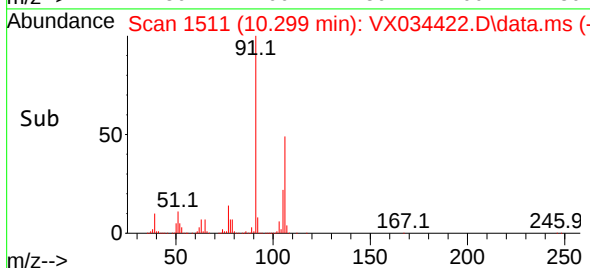
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

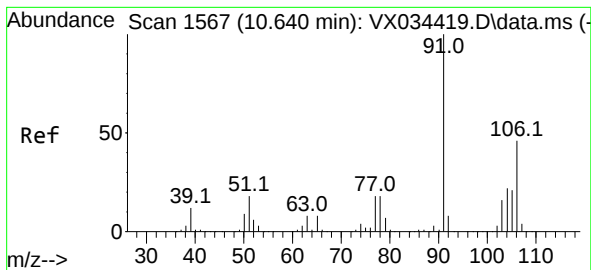


#68
m/p-Xylenes
Concen: 90.189 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09



Tgt Ion:106 Resp: 744069
Ion Ratio Lower Upper
106 100
91 205.8 164.0 246.0





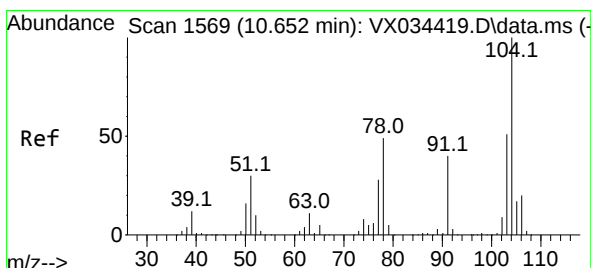
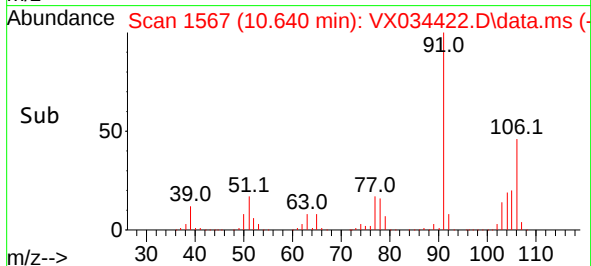
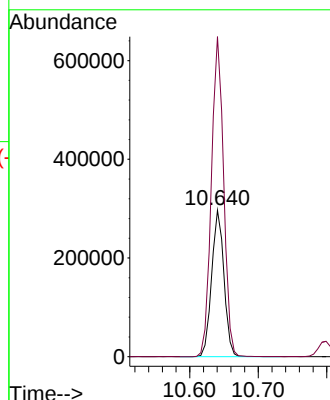
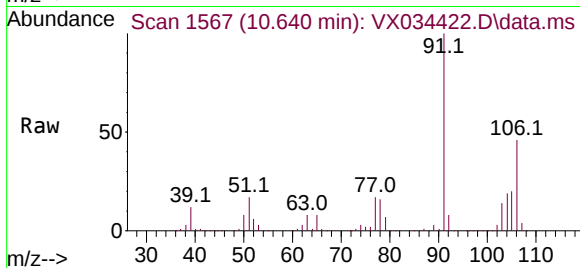
#69
o-Xylene
Concen: 44.754 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 37053
Ion Ratio Lower Upper
106 100
91 217.9 108.5 325.3

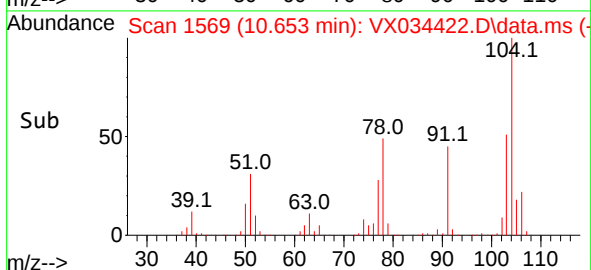
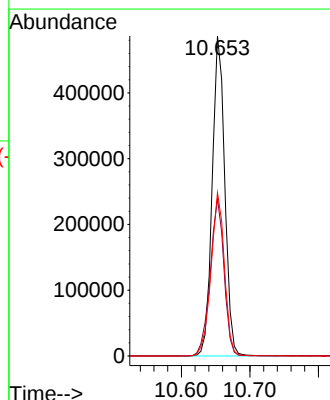
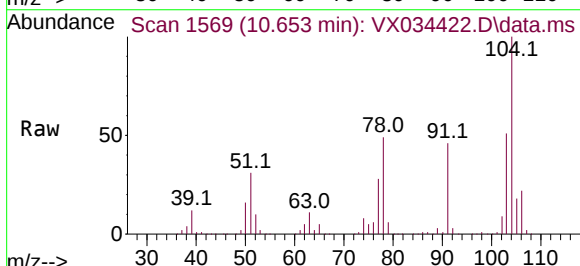
Manual Integrations
APPROVED

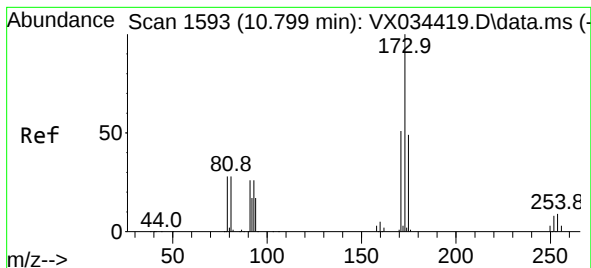
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#70
Styrene
Concen: 46.470 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

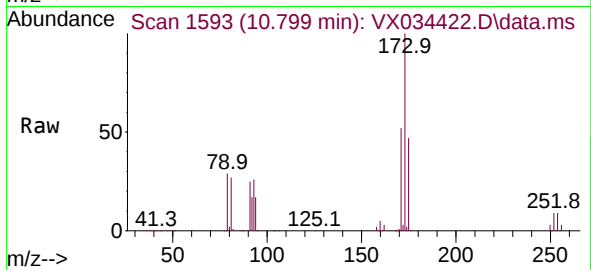
Tgt Ion:104 Resp: 620732
Ion Ratio Lower Upper
104 100
78 54.1 43.4 65.2
103 54.8 44.2 66.2





#71
Bromoform
Concen: 48.943 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

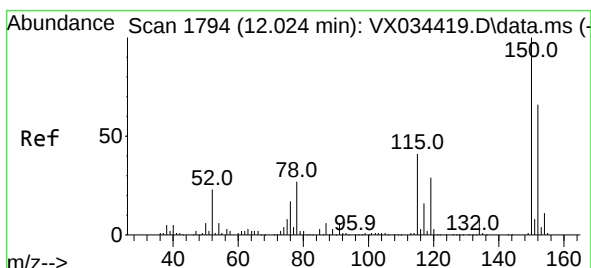
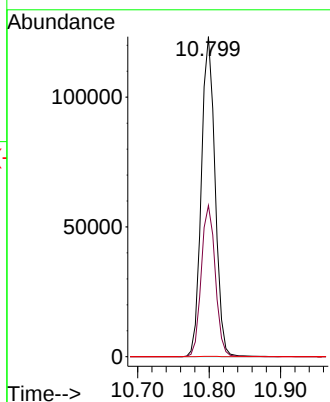
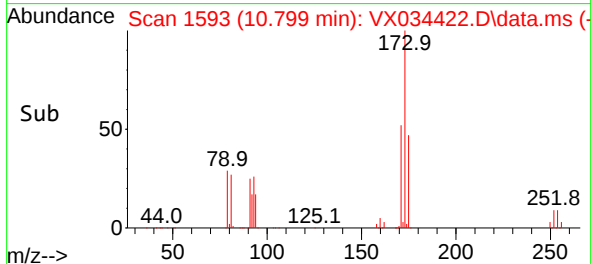
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



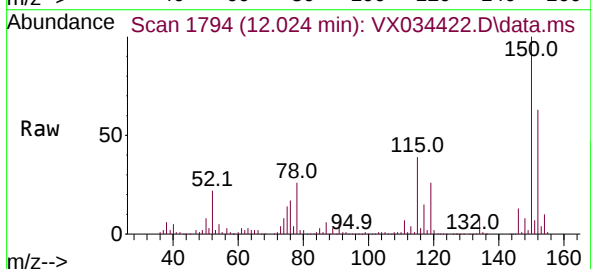
Tgt Ion:173 Resp: 164609
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.4
254 0.1 0.1 0.1

Manual Integrations
APPROVED

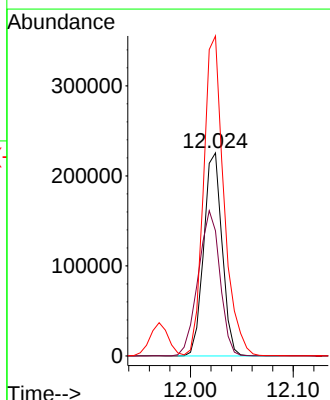
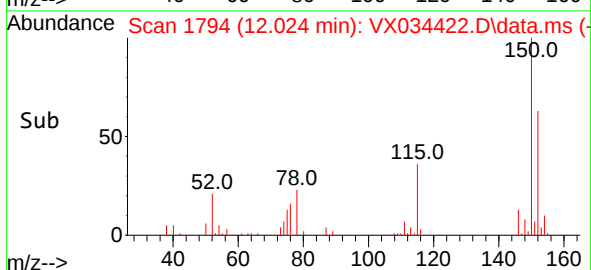
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

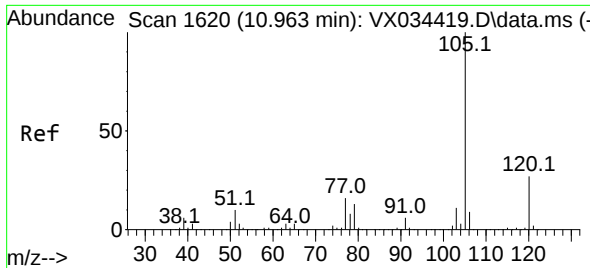


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09



Tgt Ion:152 Resp: 279813
Ion Ratio Lower Upper
152 100
115 85.0 45.0 135.0
150 174.6 0.0 352.4





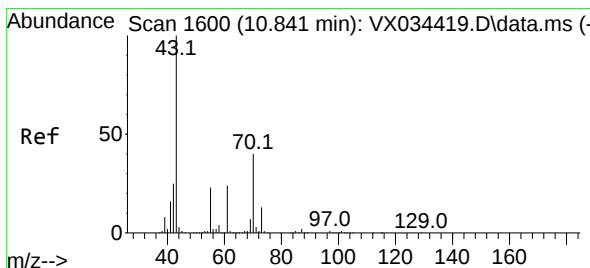
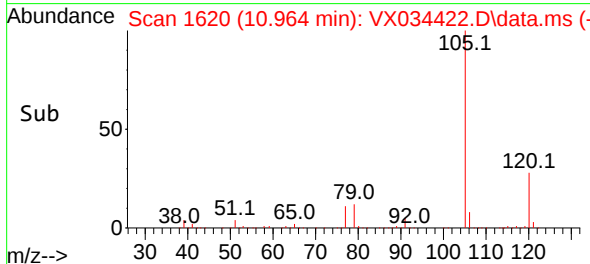
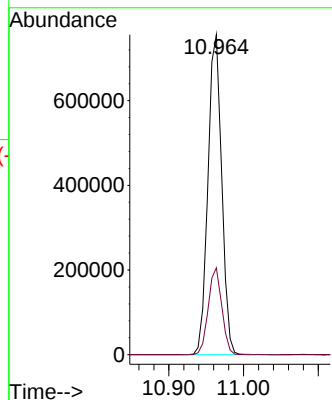
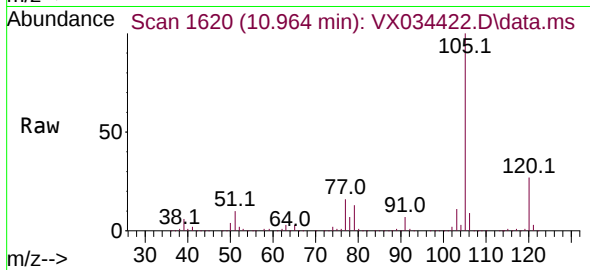
#73
Isopropylbenzene
Concen: 44.564 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 963745
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9

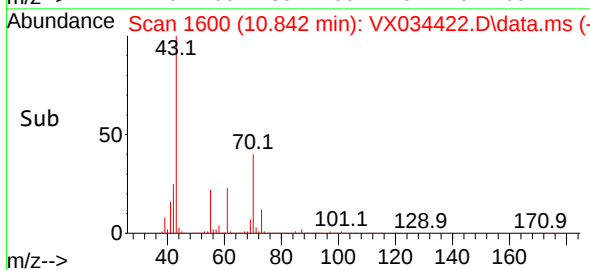
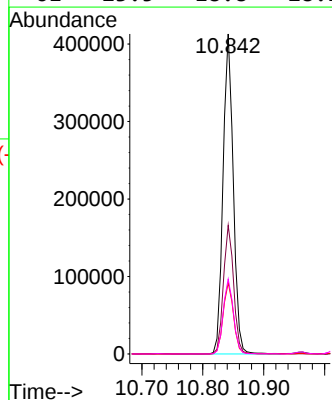
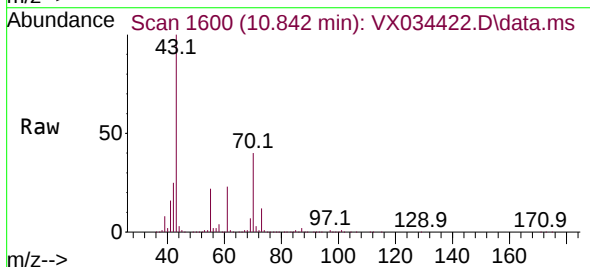
Manual Integrations
APPROVED

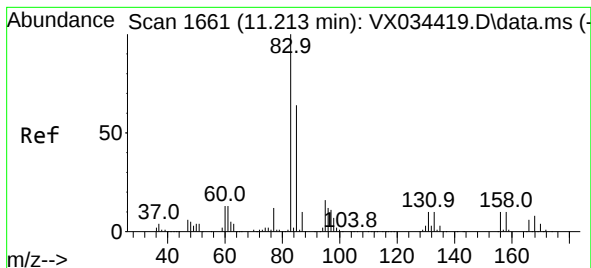
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#74
N-ethyl acetate
Concen: 46.353 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

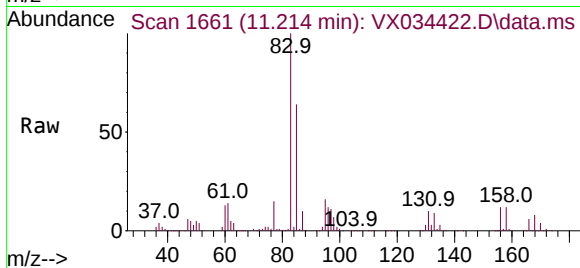
Tgt Ion: 43 Resp: 480132
Ion Ratio Lower Upper
43 100
70 40.3 32.1 48.1
55 22.7 18.3 27.5
61 23.5 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 45.333 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

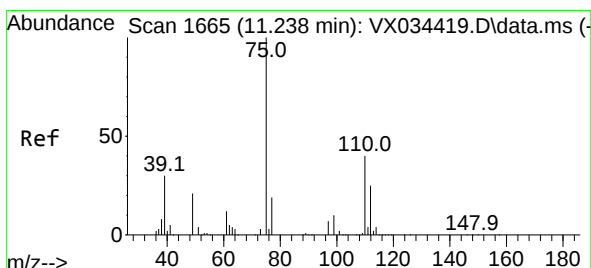
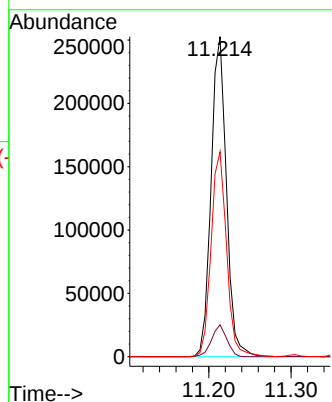
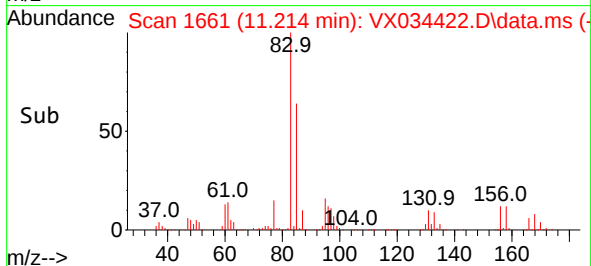
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



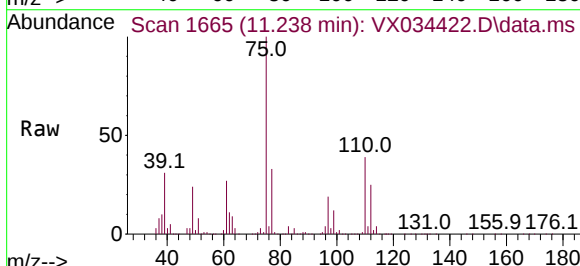
Tgt Ion: 83 Resp: 327145
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.3
85 64.8 32.0 96.0

Manual Integrations
APPROVED

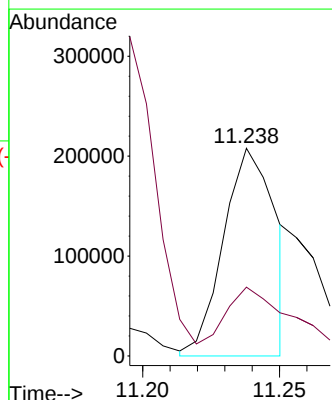
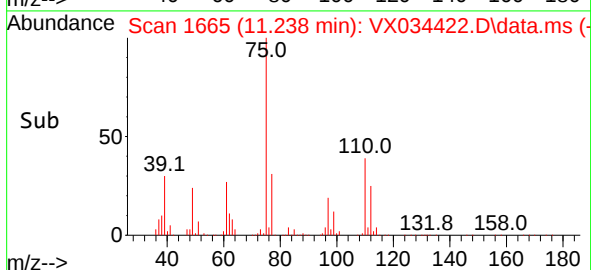
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

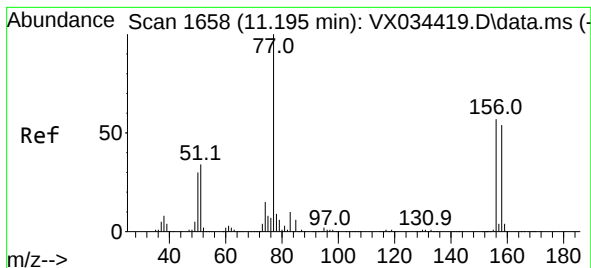


#76
1,2,3-Trichloropropane
Concen: 42.669 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09



Tgt Ion: 75 Resp: 274139
Ion Ratio Lower Upper
75 100
77 44.4 21.6 64.8





#77

Bromobenzene

Concen: 45.015 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034422.D

Acq: 13 Mar 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 23356

Ion Ratio Lower Upper

156 100

77 171.3 86.7 259.9

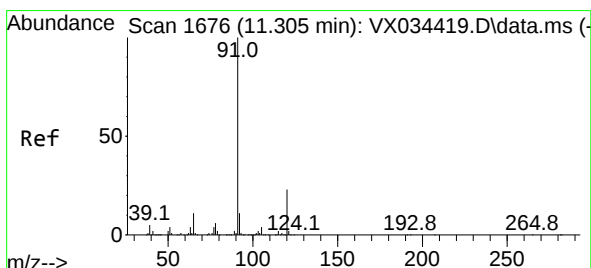
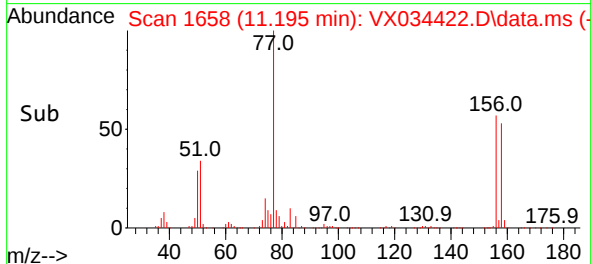
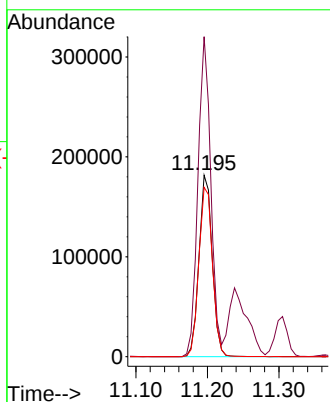
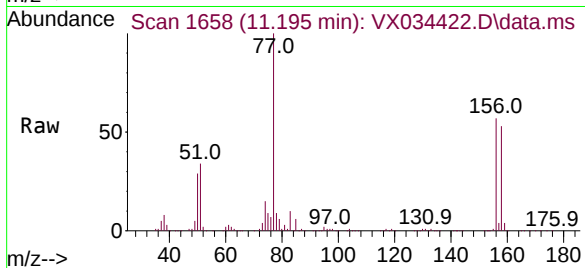
158 96.4 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#78

n-propylbenzene

Concen: 46.044 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX034422.D

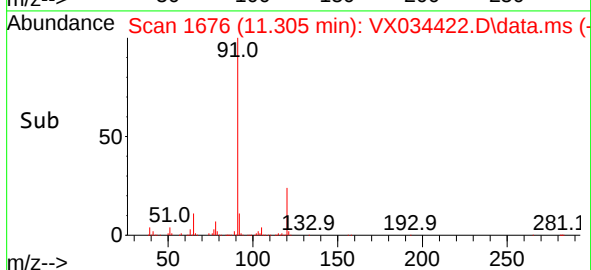
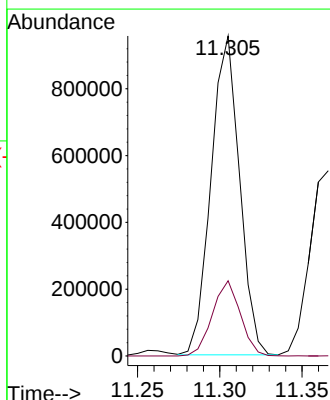
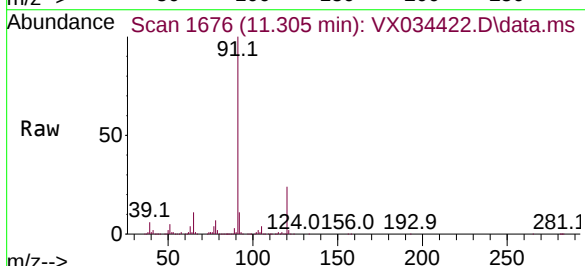
Acq: 13 Mar 2023 10:09

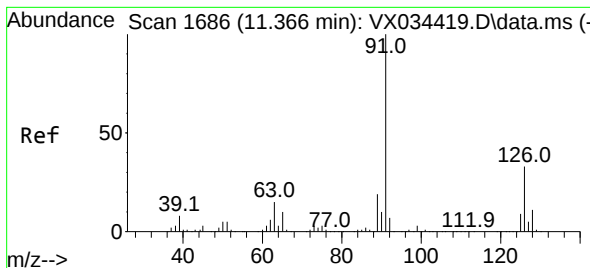
Tgt Ion: 91 Resp: 1149977

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.5





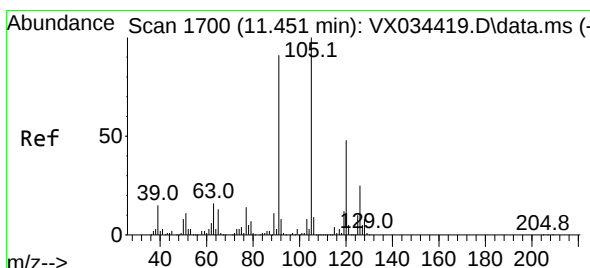
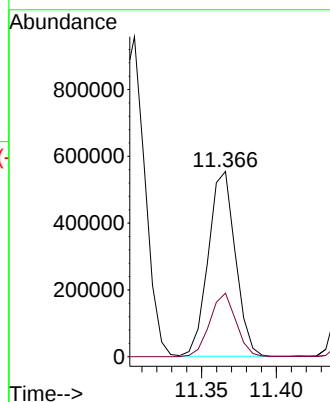
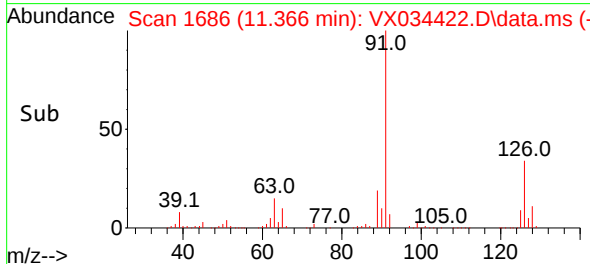
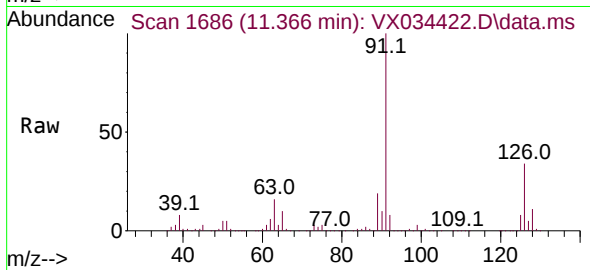
#79
2-Chlorotoluene
Concen: 45.266 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 698233
Ion Ratio Lower Upper
91 100
126 33.2 16.3 48.9

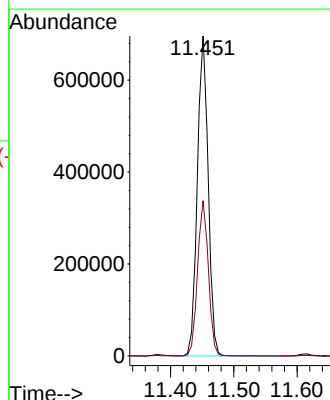
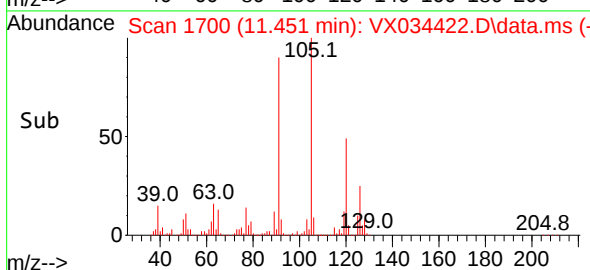
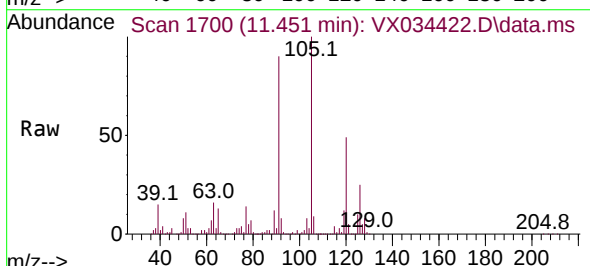
Manual Integrations
APPROVED

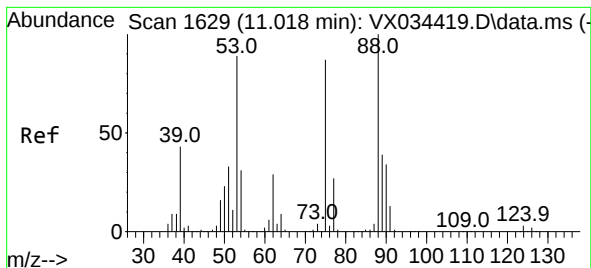
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#80
1,3,5-Trimethylbenzene
Concen: 45.754 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

Tgt Ion:105 Resp: 829938
Ion Ratio Lower Upper
105 100
120 48.3 23.7 71.1





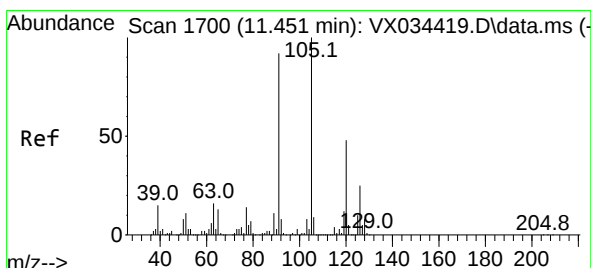
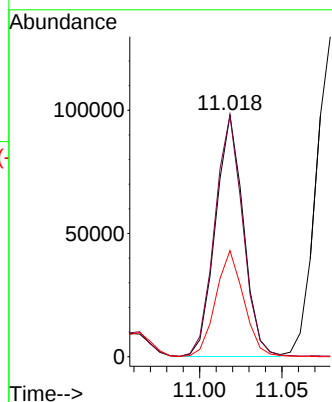
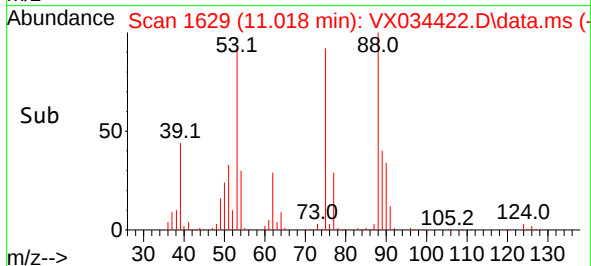
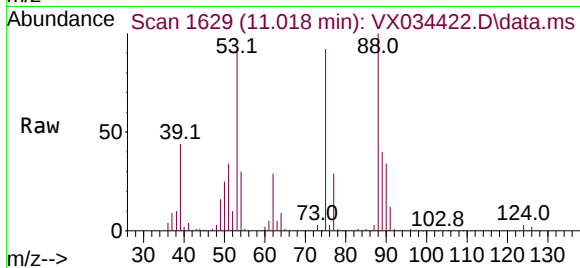
#81
trans-1,4-Dichloro-2-butene
Concen: 48.523 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 115238
Ion Ratio Lower Upper
75 100
53 101.9 82.6 124.0
89 44.4 36.9 55.3

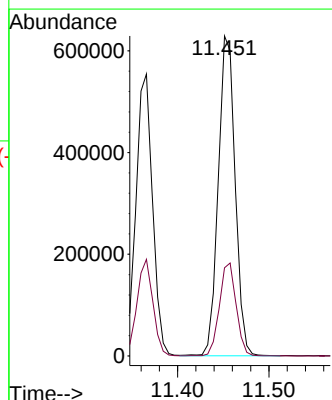
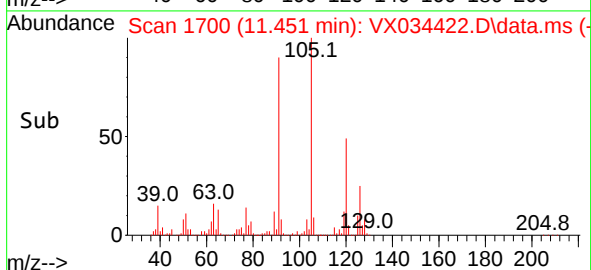
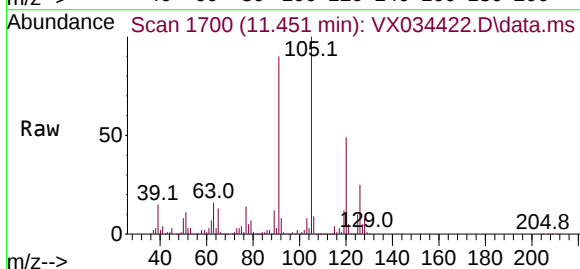
Manual Integrations
APPROVED

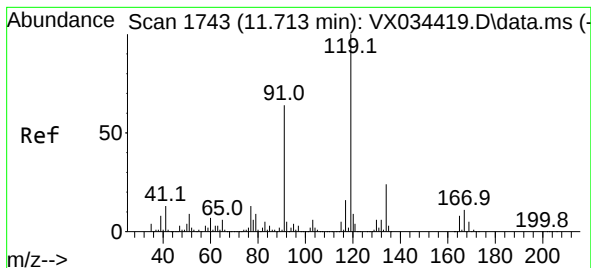
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#82
4-Chlorotoluene
Concen: 45.435 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

Tgt Ion: 91 Resp: 807262
Ion Ratio Lower Upper
91 100
126 28.9 14.2 42.6





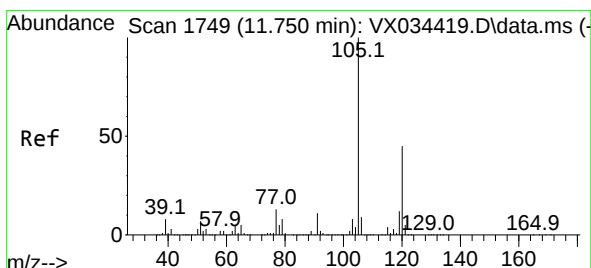
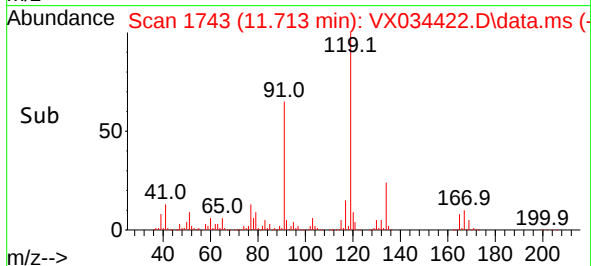
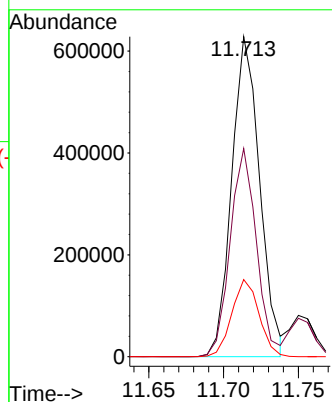
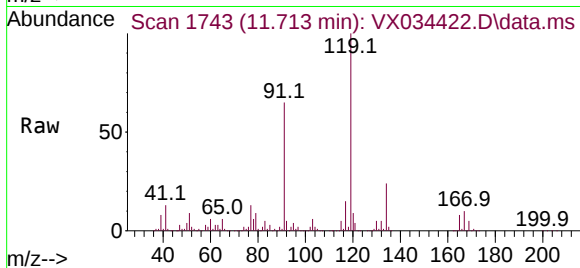
#83
tert-Butylbenzene
Concen: 44.664 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 816864
Ion Ratio Lower Upper
119 100
91 61.2 30.6 92.0
134 23.4 11.8 35.4

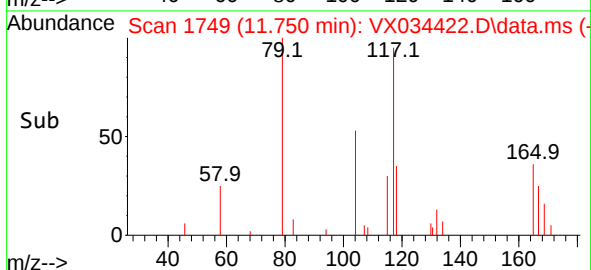
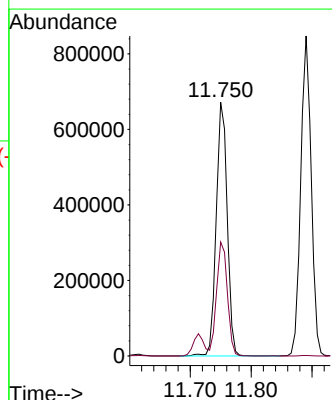
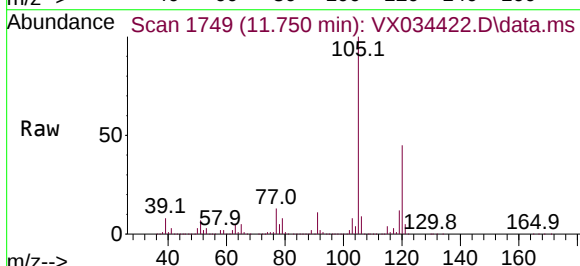
Manual Integrations
APPROVED

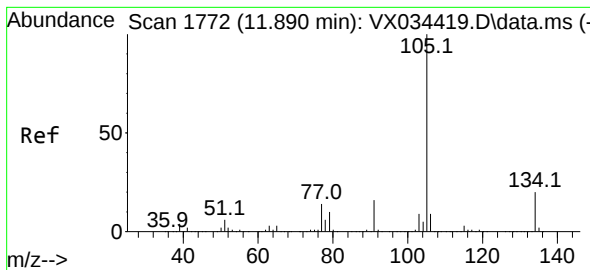
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#84
1,2,4-Trimethylbenzene
Concen: 45.280 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

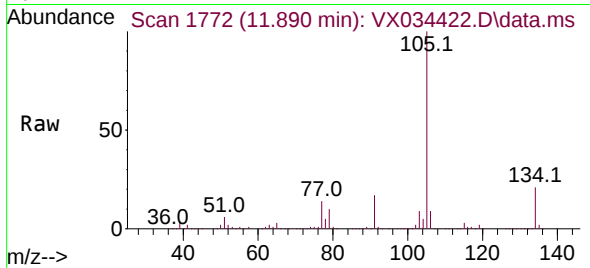
Tgt Ion:105 Resp: 839409
Ion Ratio Lower Upper
105 100
120 43.9 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 45.265 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034422.D
 Acq: 13 Mar 2023 10:09

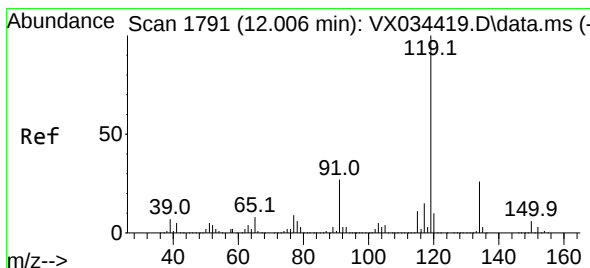
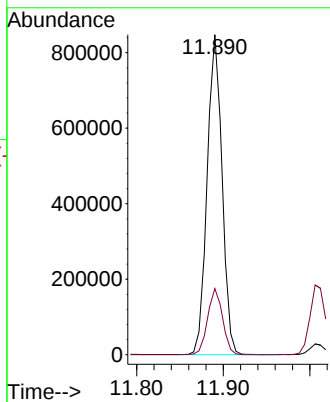
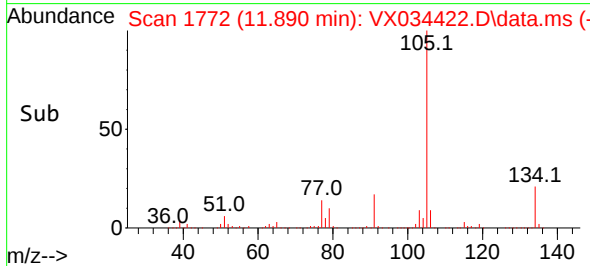
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



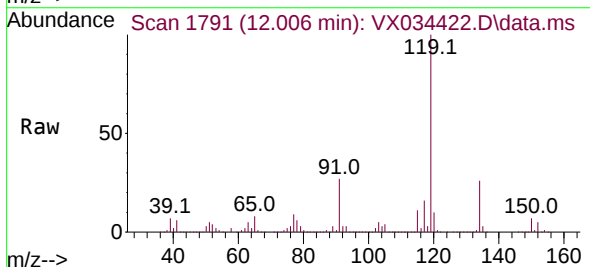
Tgt Ion:105 Resp: 1012075
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.4

Manual Integrations
 APPROVED

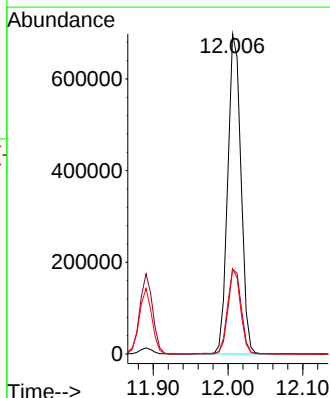
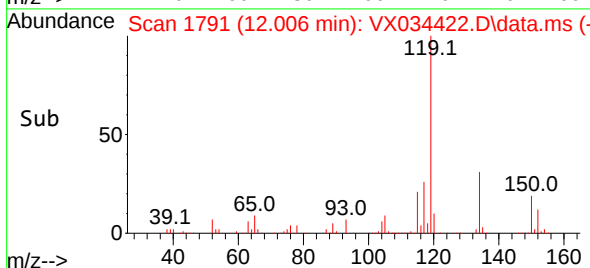
Reviewed By :John Carlone 03/14/2023
 Supervised By :Mahesh Dadoda 03/15/2023

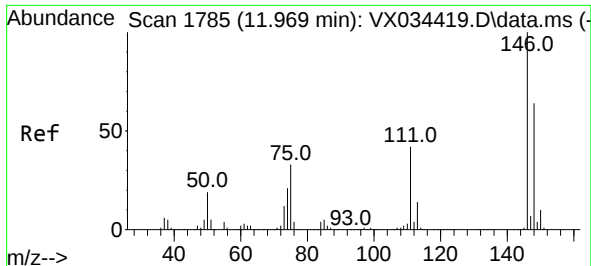


#86
 p-Isopropyltoluene
 Concen: 45.623 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034422.D
 Acq: 13 Mar 2023 10:09



Tgt Ion:119 Resp: 857328
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 26.1 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 44.505 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034422.D

Acq: 13 Mar 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 452458

Ion Ratio Lower Upper

146 100

111 41.8 20.9 62.8

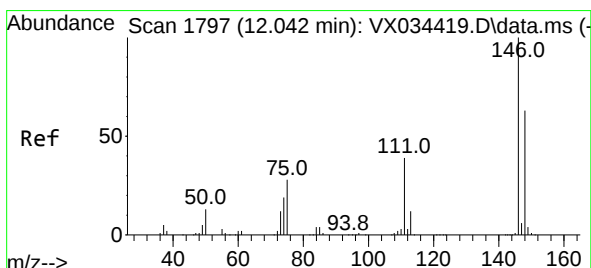
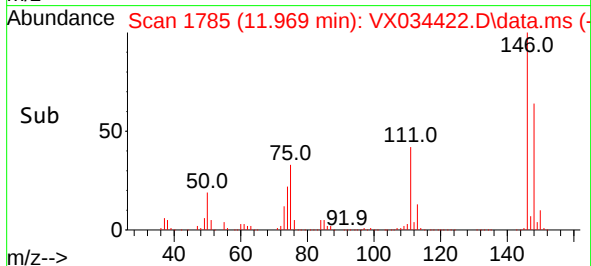
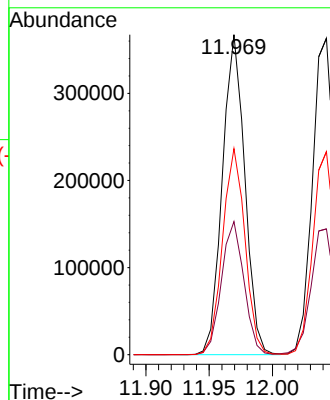
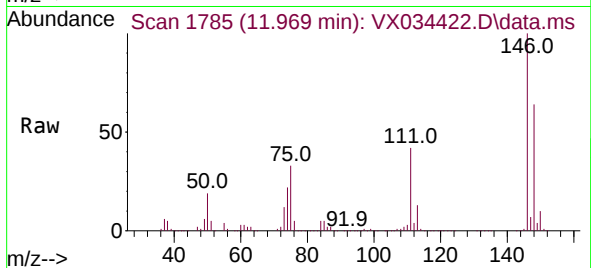
148 64.3 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#88

1,4-Dichlorobenzene

Concen: 44.672 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034422.D

Acq: 13 Mar 2023 10:09

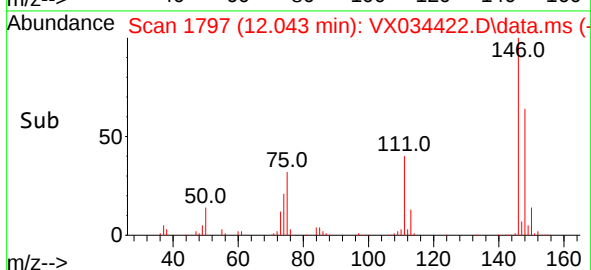
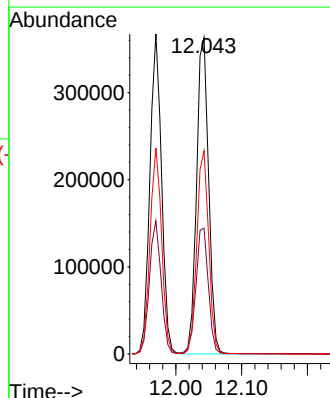
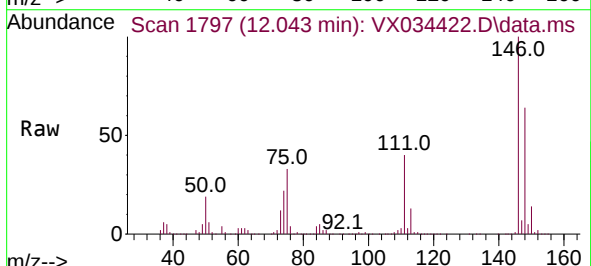
Tgt Ion:146 Resp: 459214

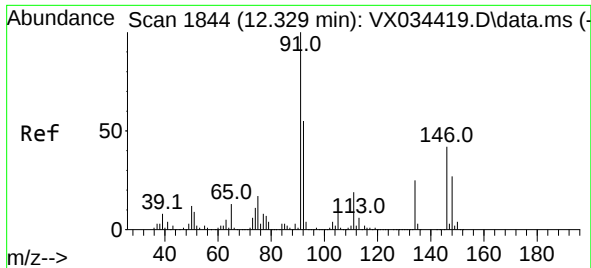
Ion Ratio Lower Upper

146 100

111 41.1 20.6 61.9

148 63.4 31.8 95.4





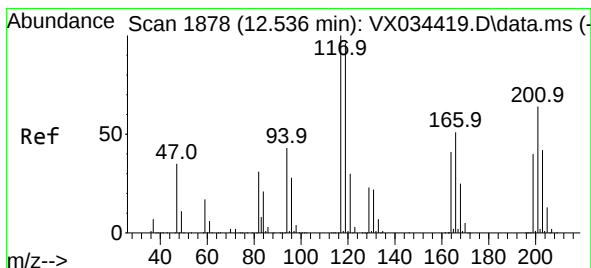
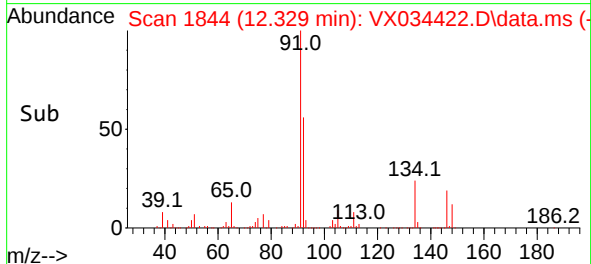
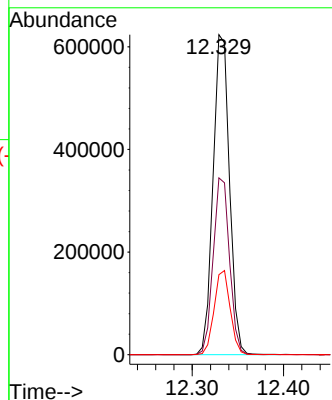
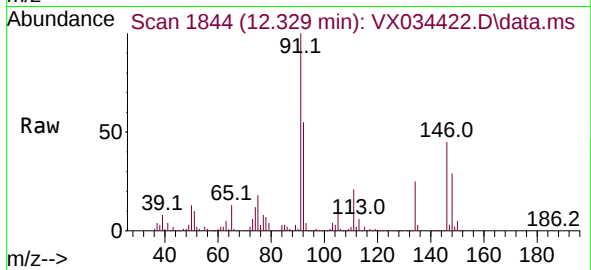
#89
n-Butylbenzene
Concen: 46.653 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 779360
Ion Ratio Lower Upper
91 100
92 55.1 27.7 83.0
134 25.8 13.0 38.9

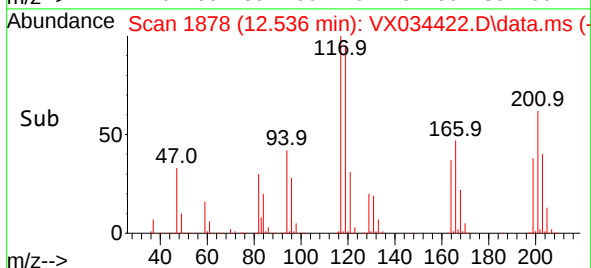
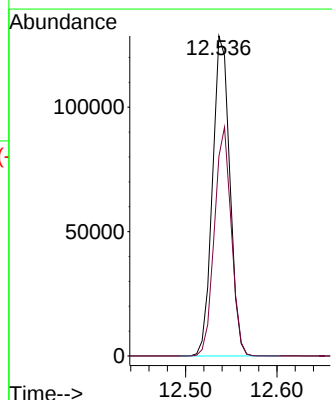
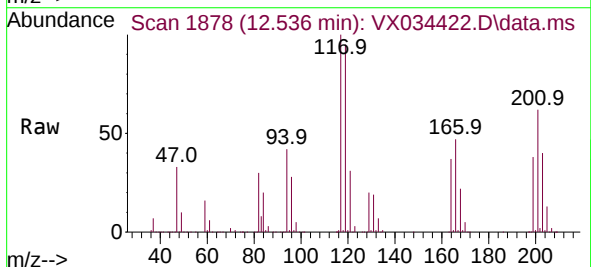
Manual Integrations
APPROVED

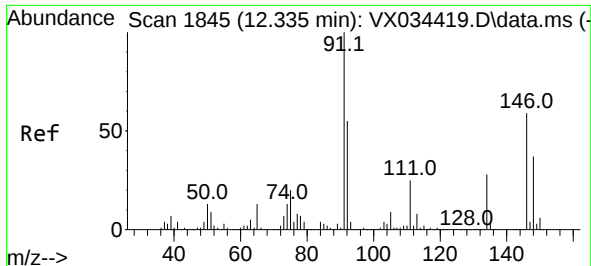
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#90
Hexachloroethane
Concen: 48.518 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

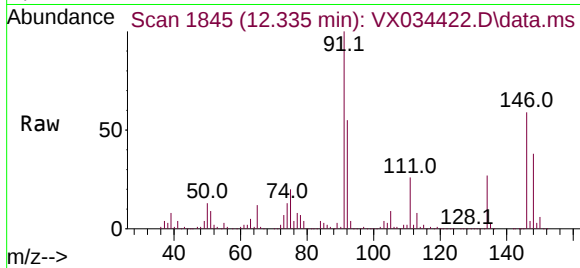
Tgt Ion:117 Resp: 168704
Ion Ratio Lower Upper
117 100
201 69.9 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 45.156 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

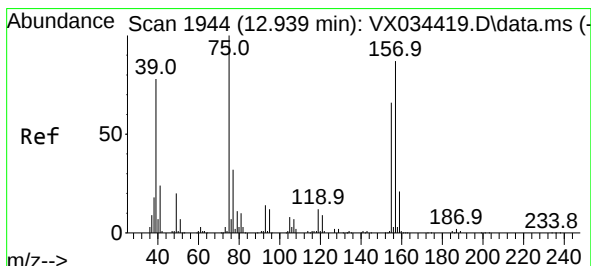
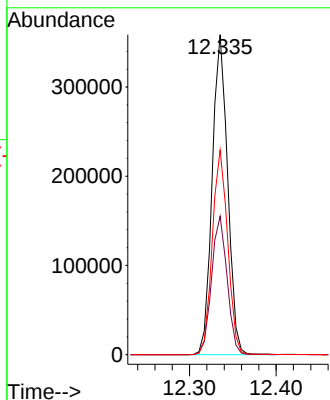
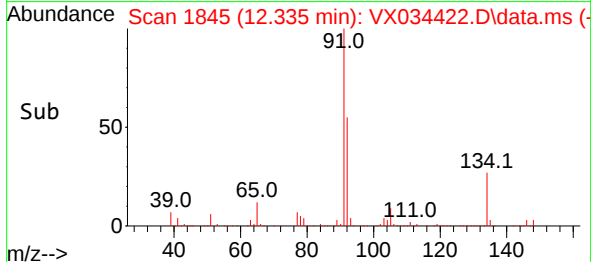
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



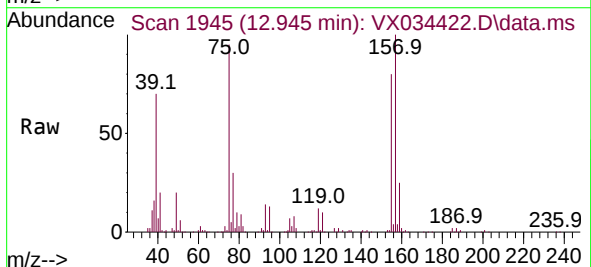
Tgt Ion:146 Resp: 443640
Ion Ratio Lower Upper
146 100
111 43.5 22.0 66.0
148 63.9 32.0 96.0

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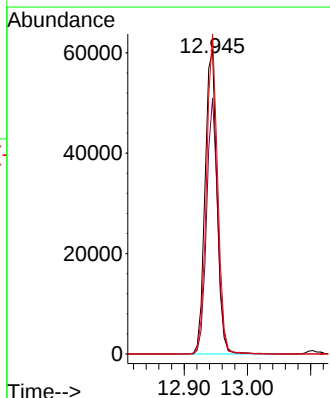
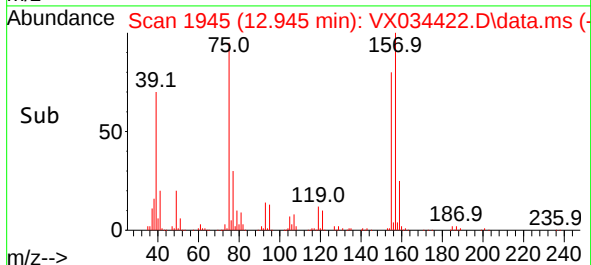
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023

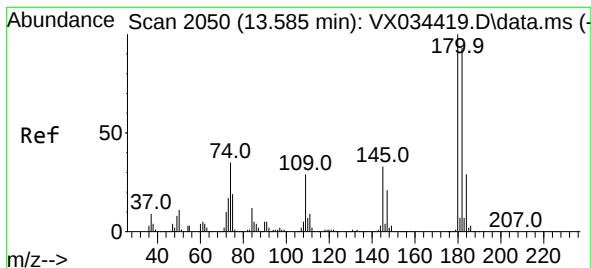


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.095 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09



Tgt Ion: 75 Resp: 78856
Ion Ratio Lower Upper
75 100
155 79.1 38.4 115.1
157 99.5 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 47.316 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX034422.D

Acq: 13 Mar 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

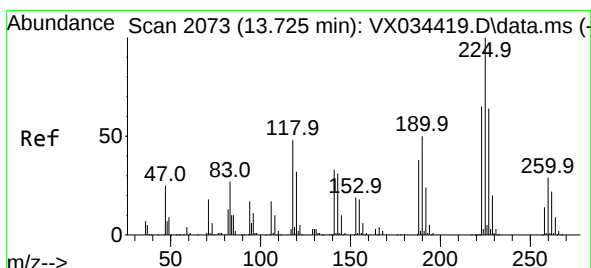
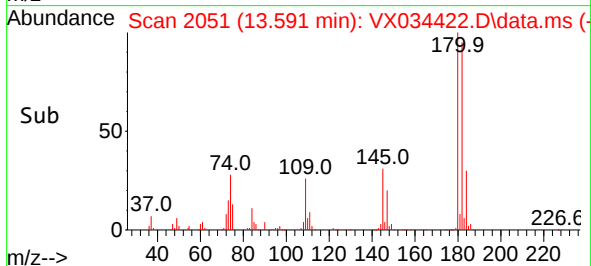
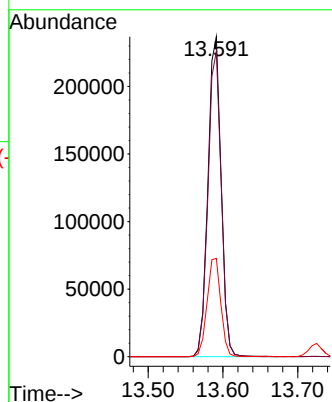
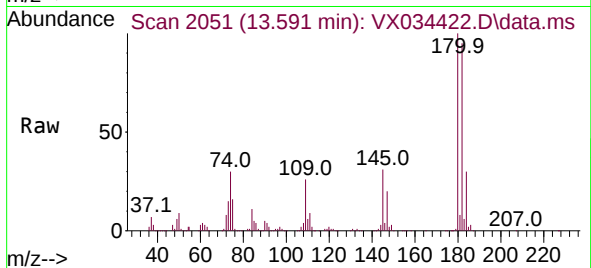
Tgt Ion:180	Resp: 29070
Ion Ratio	Lower Upper
180	100
182	95.7 47.0 141.0
145	32.0 15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2023

Supervised By :Mahesh Dadoda 03/15/2023



#94

Hexachlorobutadiene

Concen: 46.545 ug/l

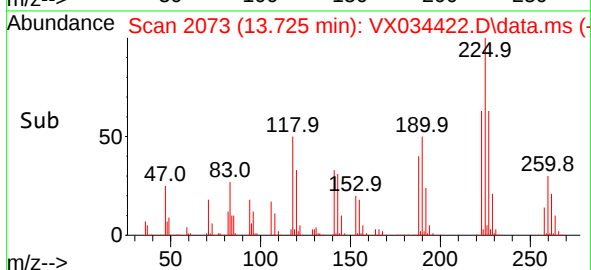
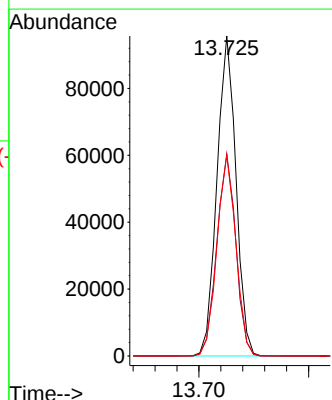
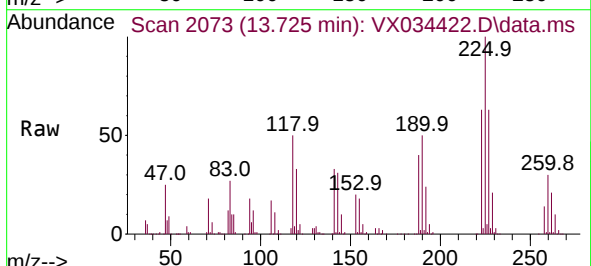
RT: 13.725 min Scan# 2073

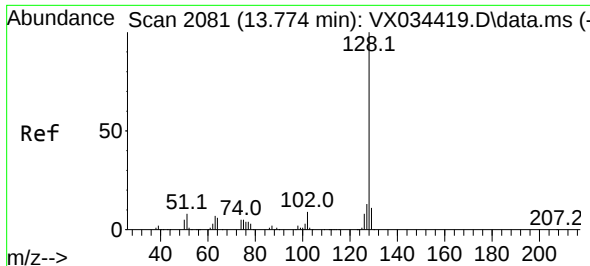
Delta R.T. 0.000 min

Lab File: VX034422.D

Acq: 13 Mar 2023 10:09

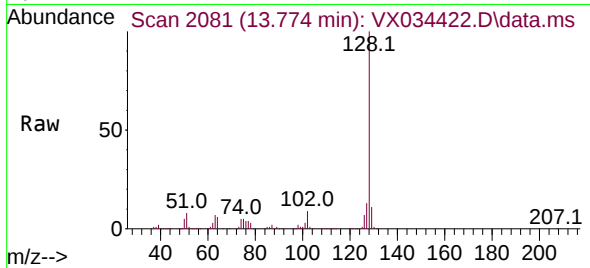
Tgt Ion:225	Resp: 115207
Ion Ratio	Lower Upper
225	100
223	63.1 32.1 96.5
227	62.6 31.8 95.4





#95
Naphthalene
Concen: 47.041 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

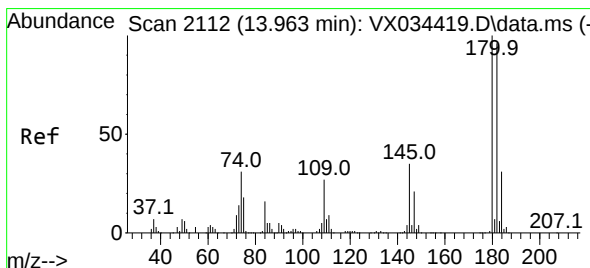
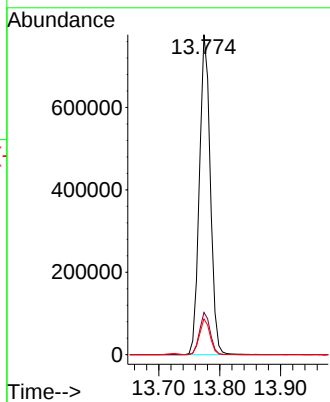
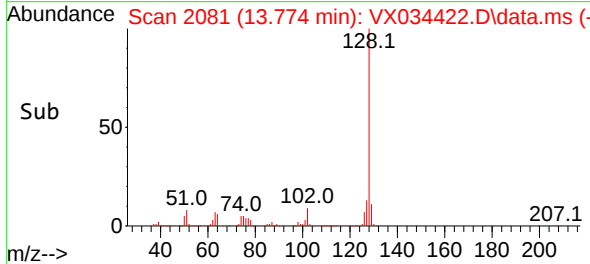
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 969169
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.9 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 47.532 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034422.D
Acq: 13 Mar 2023 10:09

Tgt Ion:180 Resp: 285459
Ion Ratio Lower Upper
180 100
182 94.8 48.0 144.2
145 34.1 17.7 53.1

