

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032023\
 Data File : VX034620.D
 Acq On : 20 Mar 2023 12:05
 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 03/21/2023
 Supervised By : Mahesh Dadoda 03/21/2023

Quant Time: Mar 21 01:38:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	291230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	522257	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	489188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	254415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	185865	43.869	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.740%		
35) Dibromofluoromethane	5.379	113	141523	41.043	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	82.080%		
50) Toluene-d8	8.647	98	569493	44.242	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.480%#		
62) 4-Bromofluorobenzene	11.079	95	238018	45.778	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	163865	60.355	ug/l	100
3) Chloromethane	1.301	50	206783	50.287	ug/l	97
4) Vinyl Chloride	1.374	62	199538	53.975	ug/l	98
5) Bromomethane	1.599	94	110892	59.452	ug/l	99
6) Chloroethane	1.679	64	125685	59.048	ug/l	99
7) Trichlorofluoromethane	1.880	101	322526	58.062	ug/l	99
8) Diethyl Ether	2.130	74	111631	55.051	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	173056	53.458	ug/l	99
10) Methyl Iodide	2.447	142	228382	53.735	ug/l	95
11) Tert butyl alcohol	2.953	59	188561	213.719	ug/l	99
12) 1,1-Dichloroethene	2.319	96	163466	51.272	ug/l	98
13) Acrolein	2.233	56	167309	239.708	ug/l	100
14) Allyl chloride	2.660	41	318542	49.282	ug/l	96
15) Acrylonitrile	3.056	53	476950	250.250	ug/l	99
16) Acetone	2.374	43	452335	226.649	ug/l	97
17) Carbon Disulfide	2.508	76	441433	49.200	ug/l	100
18) Methyl Acetate	2.697	43	340893	52.275	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	594120	52.046	ug/l	99
20) Methylene Chloride	2.788	84	186660	48.191	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	176884	52.242	ug/l	97
22) Diisopropyl ether	3.758	45	639712	51.910	ug/l	91
23) Vinyl Acetate	3.715	43	2419960	258.018	ug/l	99
24) 1,1-Dichloroethane	3.605	63	341347	51.527	ug/l	99
25) 2-Butanone	4.544	43	691664	242.210	ug/l	98
26) 2,2-Dichloropropane	4.471	77	309235	53.702	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	207160	50.825	ug/l	97
28) Bromochloromethane	4.891	49	153289	49.766	ug/l	99
29) Tetrahydrofuran	4.995	42	441415	250.506	ug/l	100
30) Chloroform	5.087	83	351845	54.183	ug/l	97
31) Cyclohexane	5.471	56	325080	54.710	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	315953	54.962	ug/l	99
36) 1,1-Dichloropropene	5.690	75	271368	51.238	ug/l	99
37) Ethyl Acetate	4.709	43	274962	47.523	ug/l	99
38) Carbon Tetrachloride	5.672	117	273525	51.915	ug/l	99
39) Methylcyclohexane	7.379	83	377692	59.591	ug/l	97
40) Benzene	6.032	78	765061	49.380	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	153457	48.395	ug/l	98
42) 1,2-Dichloroethane	6.080	62	312277	54.842	ug/l	98
43) Isopropyl Acetate	6.330	43	504536	51.474	ug/l	100
44) Trichloroethene	7.123	130	220511	54.777	ug/l	98
45) 1,2-Dichloropropane	7.428	63	218059	53.903	ug/l	100
46) Dibromomethane	7.574	93	150456	54.706	ug/l	99
47) Bromodichloromethane	7.818	83	307910	57.847	ug/l	98
48) Methyl methacrylate	7.690	41	267273	56.696	ug/l	98
49) 1,4-Dioxane	7.653	88	100107	1011.031	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	1522505	267.759	ug/l	100
52) Toluene	8.714	92	542229	56.529	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	345838	57.672	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	368698	56.829	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	211501	55.559	ug/l	100
56) Ethyl methacrylate	9.116	69	350564	56.088	ug/l	99
57) 1,3-Dichloropropane	9.305	76	371759	54.948	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	780006	242.154	ug/l	99
59) 2-Hexanone	9.427	43	1178705	268.165	ug/l	99
60) Dibromochloromethane	9.519	129	226790	56.804	ug/l	100
61) 1,2-Dibromoethane	9.610	107	225177	54.816	ug/l	100
64) Tetrachloroethene	9.275	164	184204	56.056	ug/l	98
65) Chlorobenzene	10.080	112	573160	53.401	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	213710	54.669	ug/l	98
67) Ethyl Benzene	10.189	91	1060827	55.209	ug/l	97
68) m/p-Xylenes	10.299	106	808050	109.474	ug/l	98
69) o-Xylene	10.640	106	395383	53.377	ug/l	98
70) Styrene	10.653	104	662763	55.457	ug/l	99
71) Bromoform	10.799	173	159866	53.128	ug/l	99
73) Isopropylbenzene	10.964	105	1051875	53.495	ug/l	99
74) N-amyl acetate	10.842	43	484986	51.495	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	331695	50.551	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	281907m	48.258	ug/l	
77) Bromobenzene	11.195	156	246821	52.319	ug/l	99
78) n-propylbenzene	11.305	91	1245163	54.832	ug/l	100
79) 2-Chlorotoluene	11.366	91	751565	53.588	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	908320	55.074	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	107737	49.894	ug/l	97
82) 4-Chlorotoluene	11.451	91	884554	54.756	ug/l	99
83) tert-Butylbenzene	11.713	119	889969	53.519	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	917897	54.456	ug/l	99
85) sec-Butylbenzene	11.890	105	1116407	54.916	ug/l	99
86) p-Isopropyltoluene	12.006	119	955327	55.914	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	484311	52.395	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	491935	52.633	ug/l	99
89) n-Butylbenzene	12.329	91	857813	56.476	ug/l	99
90) Hexachloroethane	12.536	117	167150	52.870	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	474818	53.154	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	76782	51.505	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	302584	54.166	ug/l	98
94) Hexachlorobutadiene	13.725	225	135778	60.333	ug/l	98
95) Naphthalene	13.774	128	990364	52.869	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	297447	54.472	ug/l	98

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ClientSampleId :
VSTDCCC050

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

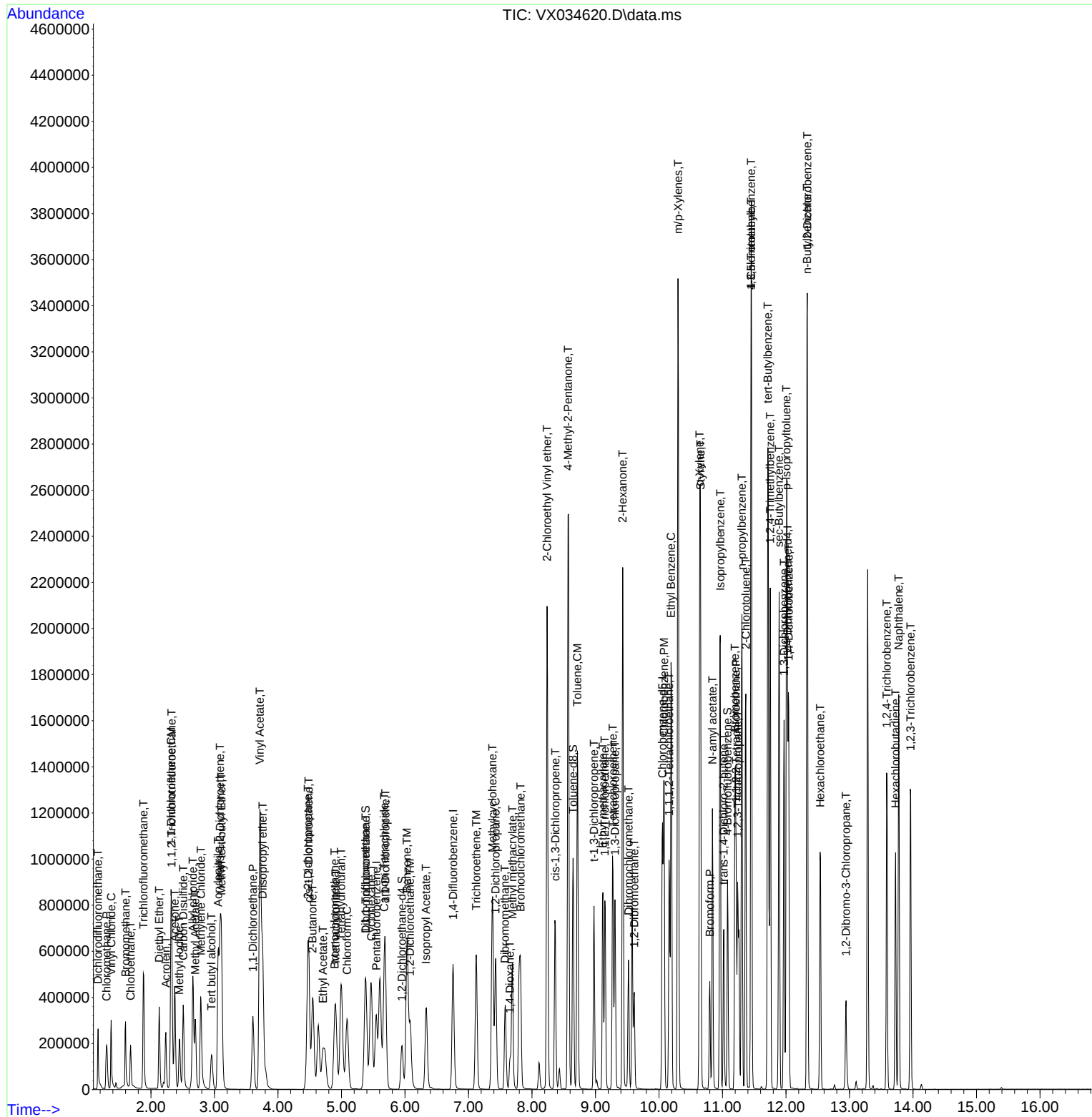
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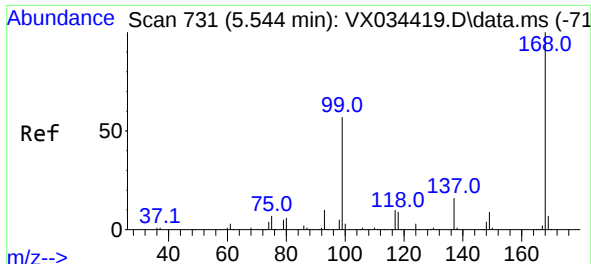
Instrument :
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Manual Integrations APPROVED

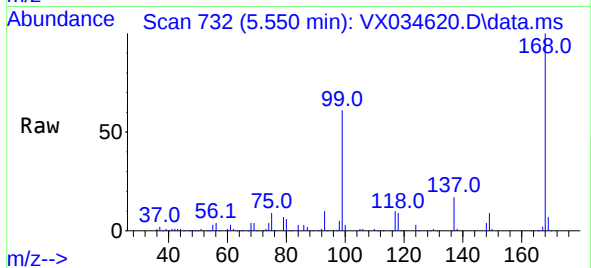
Reviewed By : John Carlone 03/21/2023
 Supervised By : Mahesh Dadoda 03/21/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034620.D
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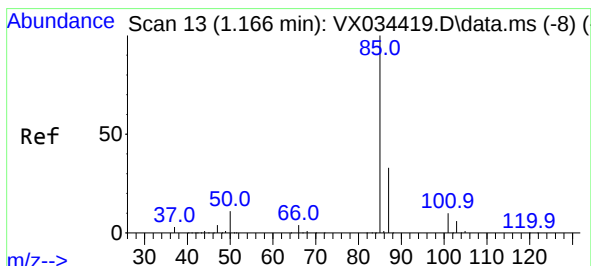
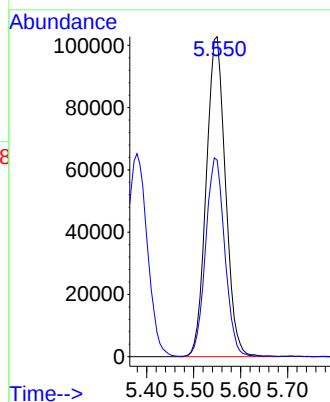
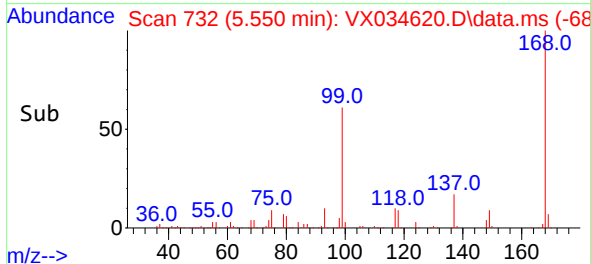
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



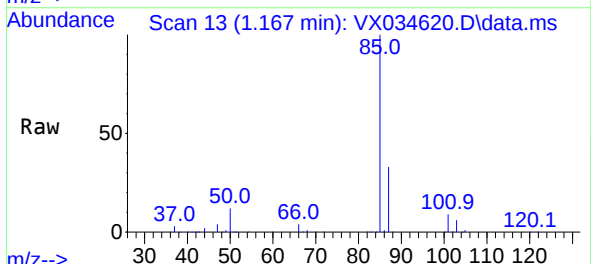
Tgt Ion:168 Resp: 291230
Ion Ratio Lower Upper
168 100
99 61.3 45.7 68.5

Manual Integrations
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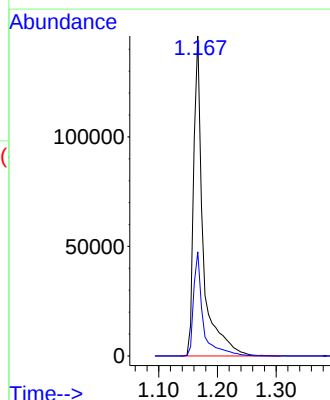
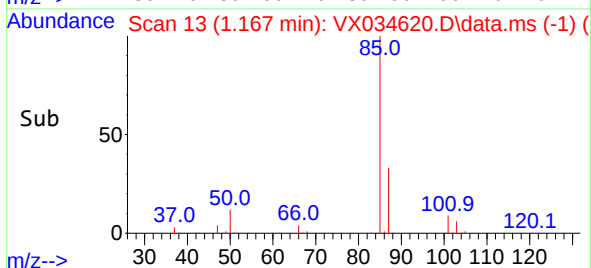
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

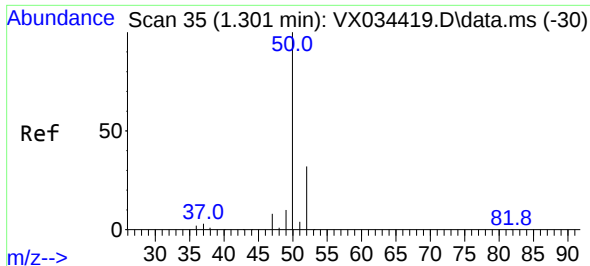


#2
Dichlorodifluoromethane
Concen: 60.355 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05



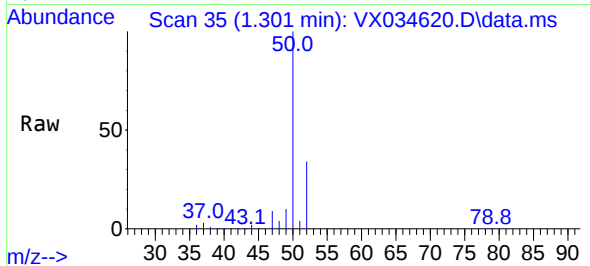
Tgt Ion: 85 Resp: 163865
Ion Ratio Lower Upper
85 100
87 32.6 16.4 49.1





#3
Chloromethane
Concen: 50.287 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

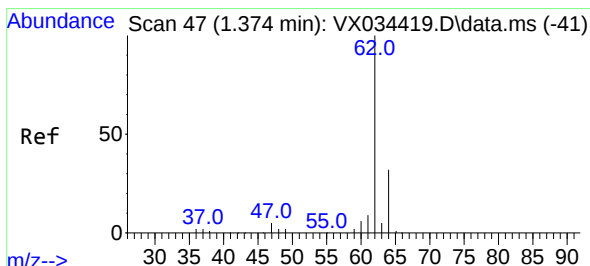
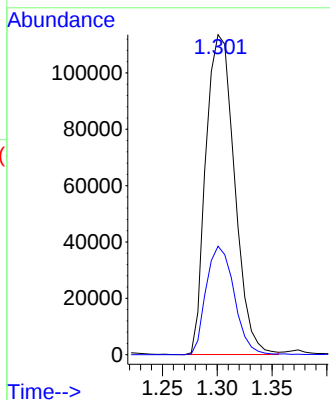
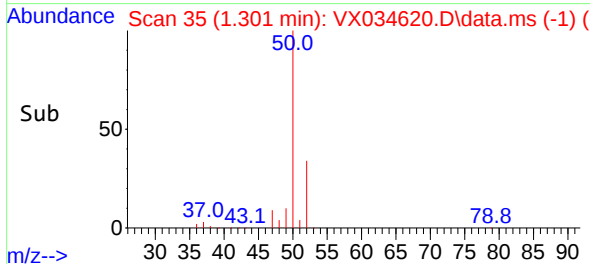
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 20678
Ion Ratio Lower Upper
50 100
52 33.9 25.9 38.9

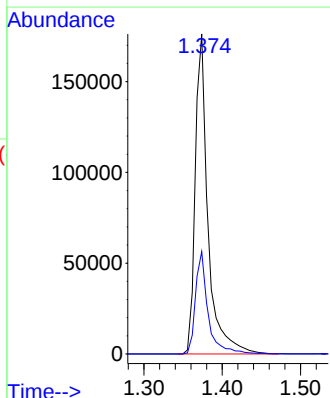
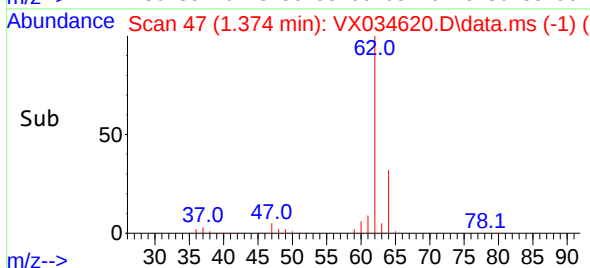
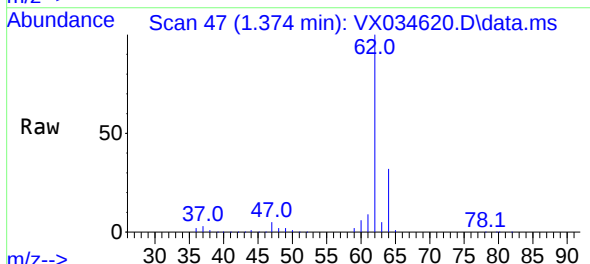
Manual Integrations
APPROVED

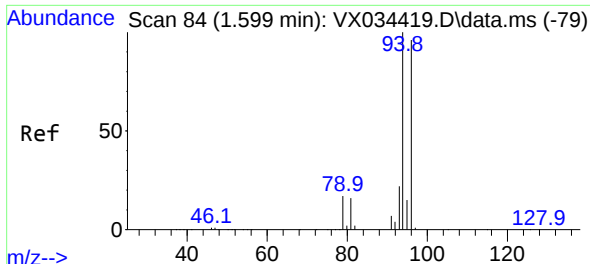
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#4
Vinyl Chloride
Concen: 53.975 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

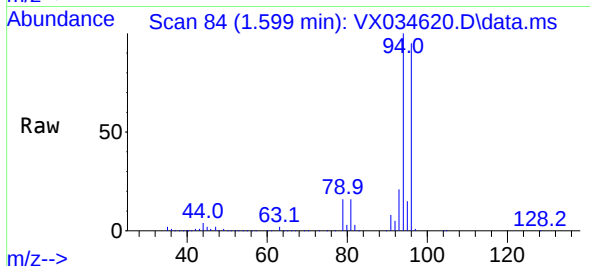
Tgt Ion: 62 Resp: 199538
Ion Ratio Lower Upper
62 100
64 32.0 26.4 39.6





#5
Bromomethane
Concen: 59.452 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

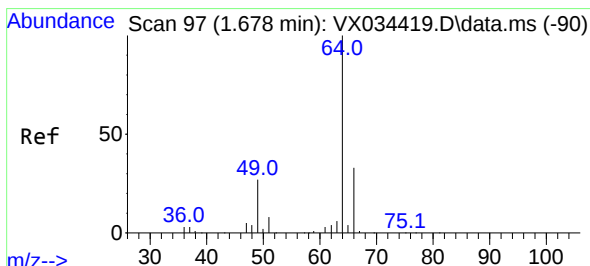
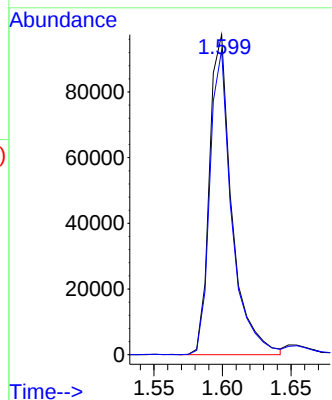
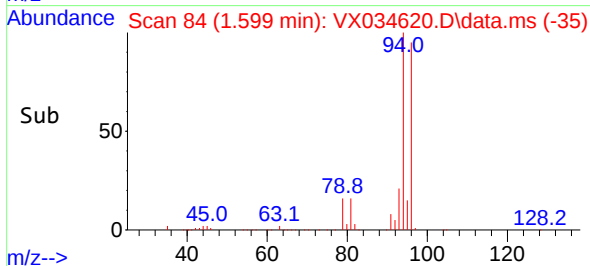
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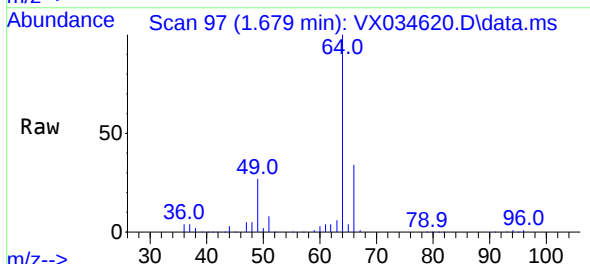
Tgt Ion: 94 Resp: 110892
Ion Ratio Lower Upper
94 100
96 95.2 77.0 115.6

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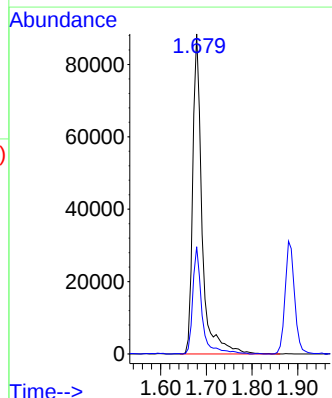
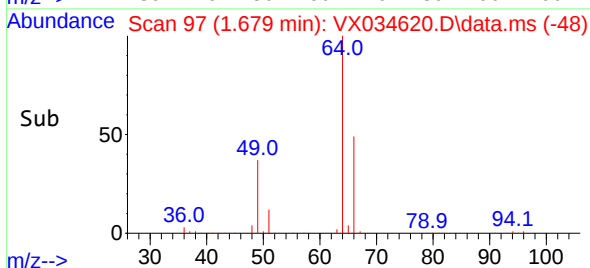
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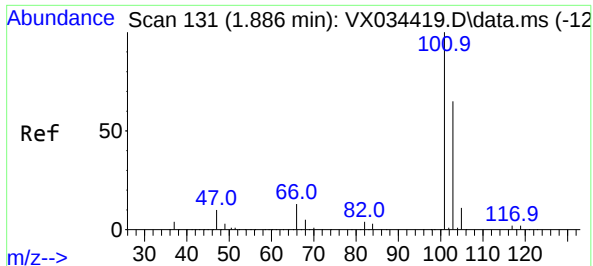


#6
Chloroethane
Concen: 59.048 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05



Tgt Ion: 64 Resp: 125685
Ion Ratio Lower Upper
64 100
66 33.4 26.2 39.4





#7
Trichlorofluoromethane
Concen: 58.062 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

Instrument :

MSVOA_X

ClientSampleId :

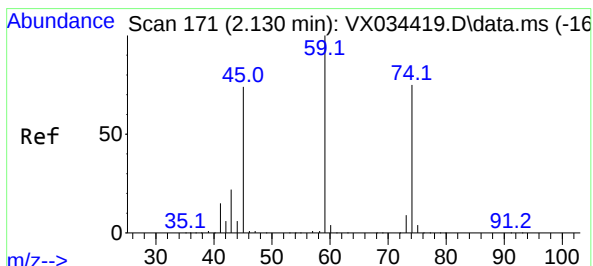
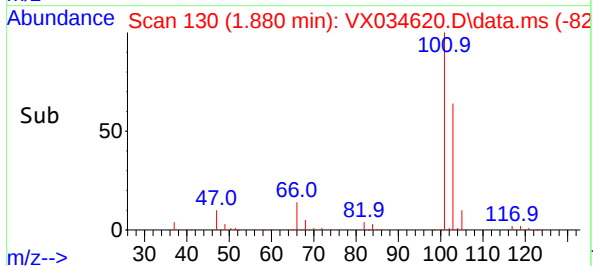
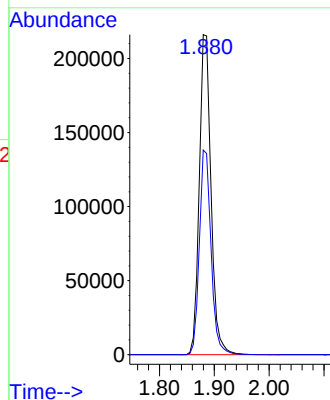
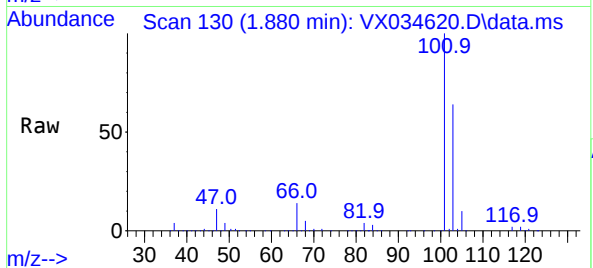
VSTDCCC050

Tgt Ion:101 Resp: 322520
Ion Ratio Lower Upper
101 100
103 64.0 52.0 78.0

Manual Integrations

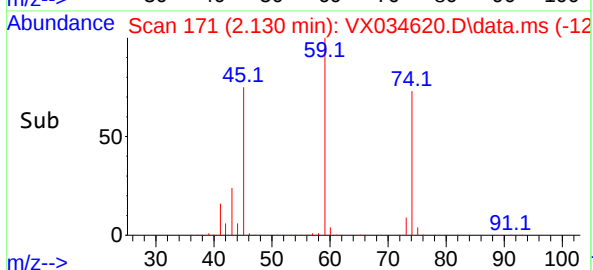
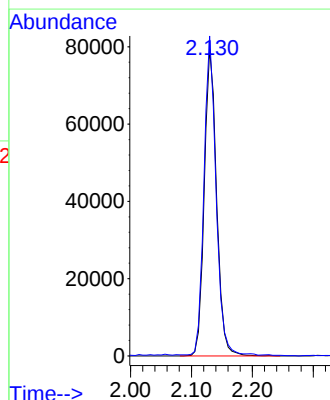
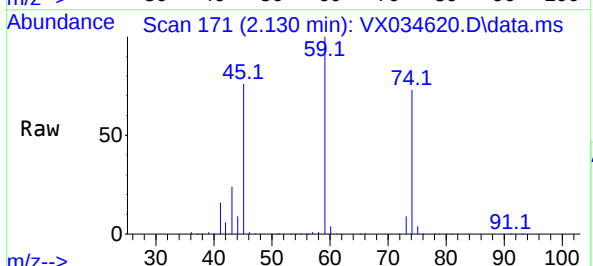
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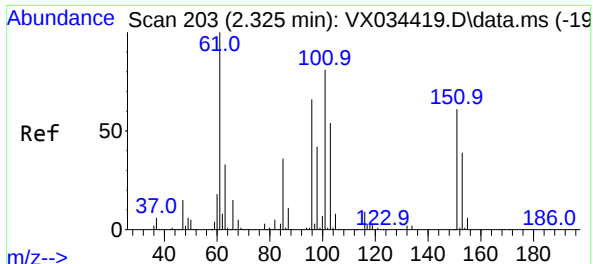
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#8
Diethyl Ether
Concen: 55.051 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

Tgt Ion: 74 Resp: 111631
Ion Ratio Lower Upper
74 100
45 101.5 49.8 149.3





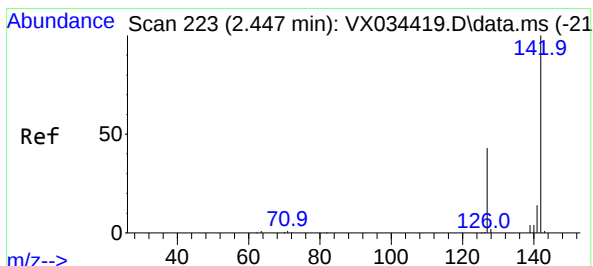
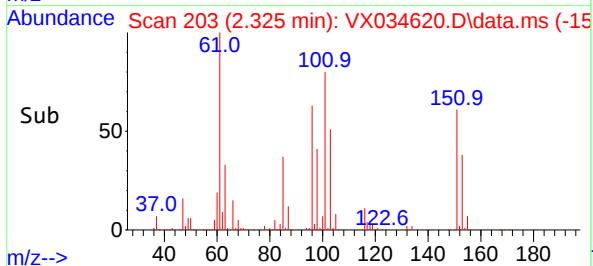
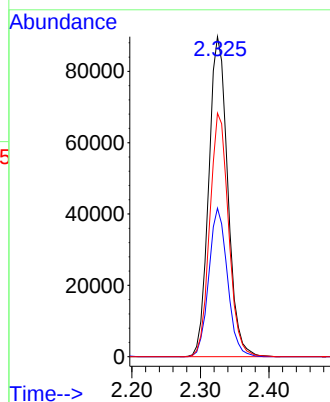
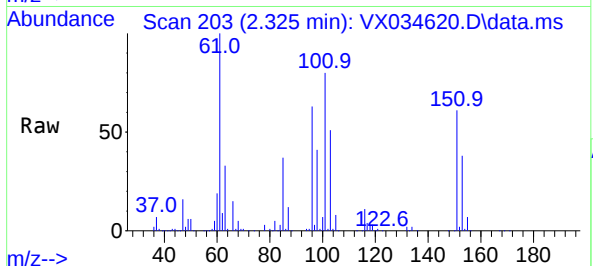
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.458 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 173050
Ion Ratio Lower Upper
101 100
85 45.4 35.4 53.2
151 75.4 60.2 90.4

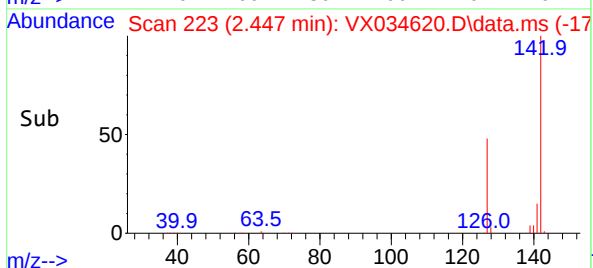
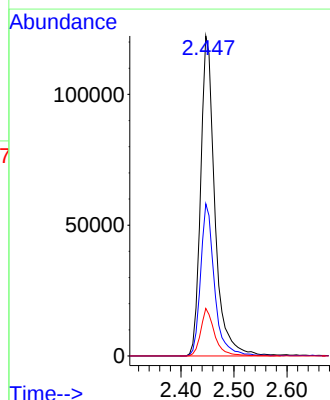
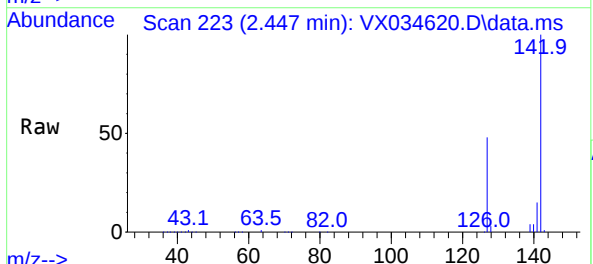
Manual Integrations
APPROVED

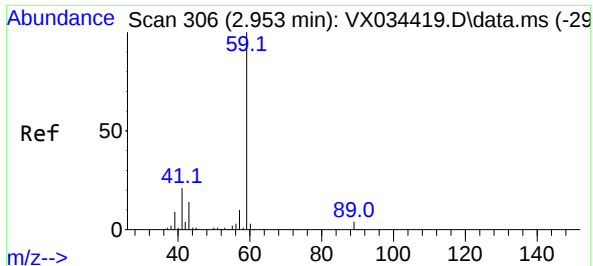
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#10
Methyl Iodide
Concen: 53.735 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

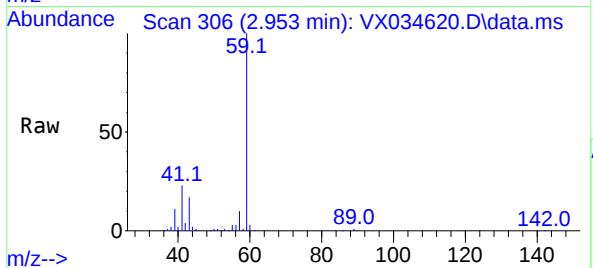
Tgt Ion:142 Resp: 228382
Ion Ratio Lower Upper
142 100
127 46.5 34.0 51.0
141 14.5 11.1 16.7





#11
Tert butyl alcohol
Concen: 213.719 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

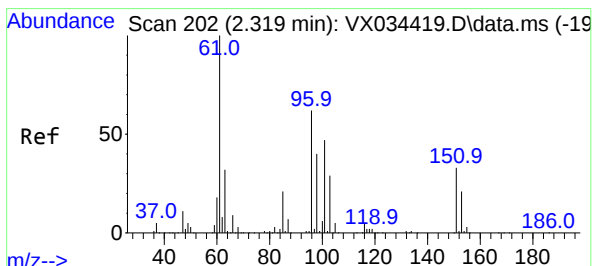
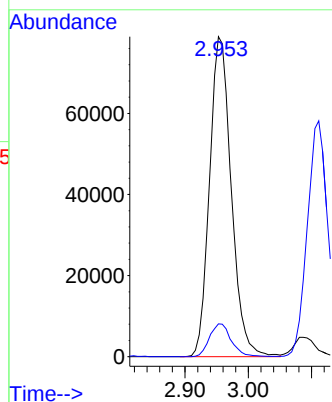
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 18856
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1

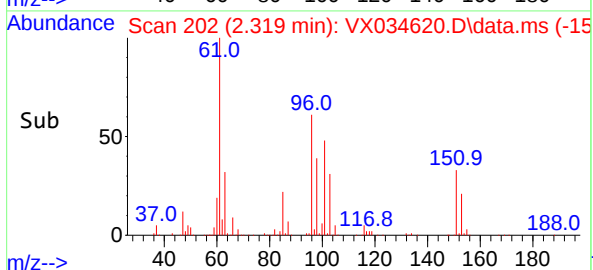
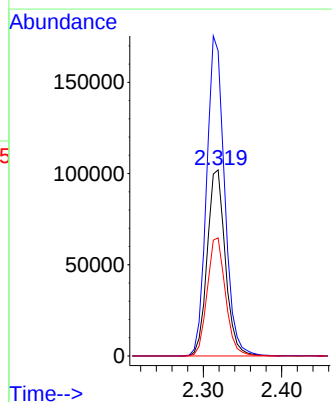
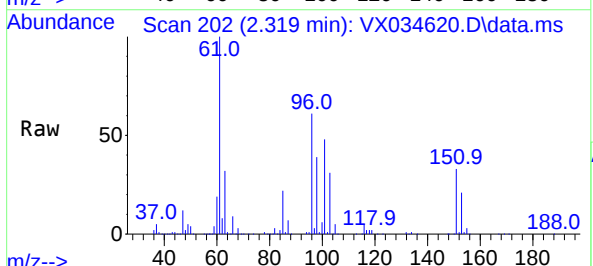
Manual Integrations
APPROVED

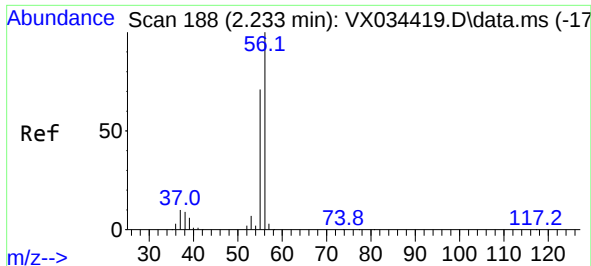
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#12
1,1-Dichloroethene
Concen: 51.272 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

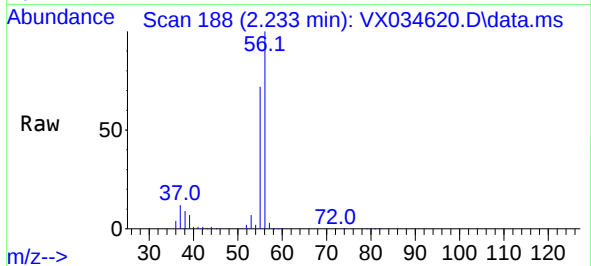
Tgt Ion: 96 Resp: 163466
Ion Ratio Lower Upper
96 100
61 163.9 128.8 193.2
98 63.5 51.4 77.0





#13
Acrolein
Concen: 239.708 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

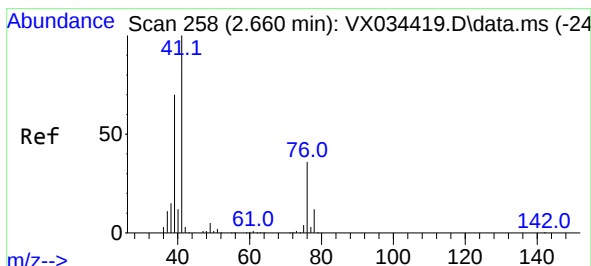
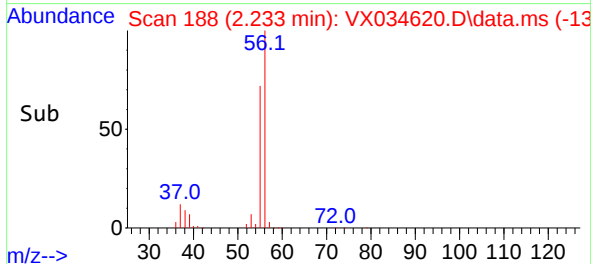
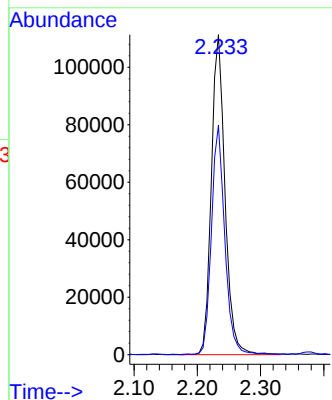
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 167309
Ion Ratio Lower Upper
56 100
55 70.6 56.6 85.0

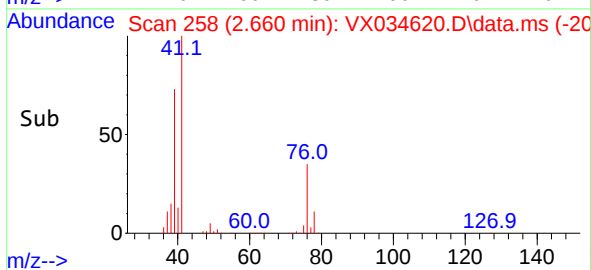
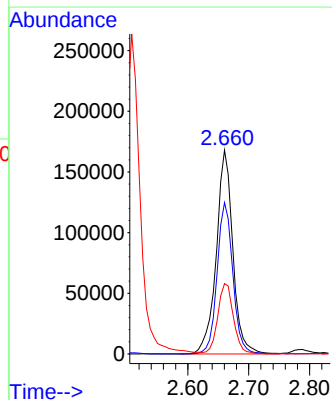
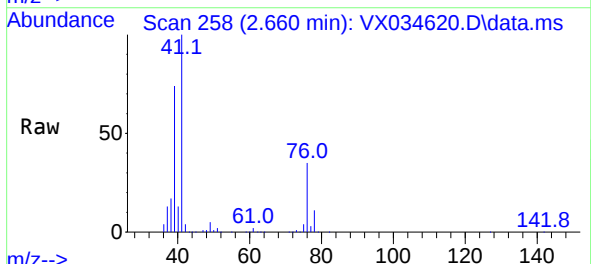
Manual Integrations
APPROVED

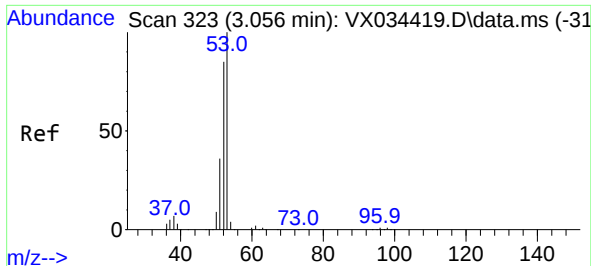
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#14
Allyl chloride
Concen: 49.282 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

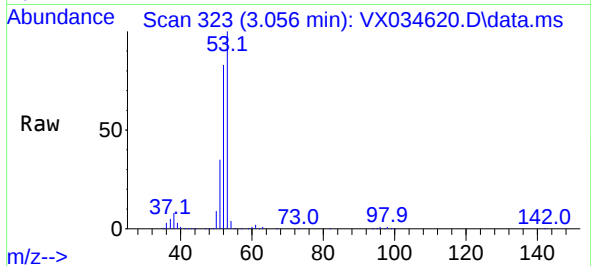
Tgt Ion: 41 Resp: 318542
Ion Ratio Lower Upper
41 100
39 70.1 52.4 78.6
76 32.6 26.0 39.0





#15
Acrylonitrile
Concen: 250.250 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

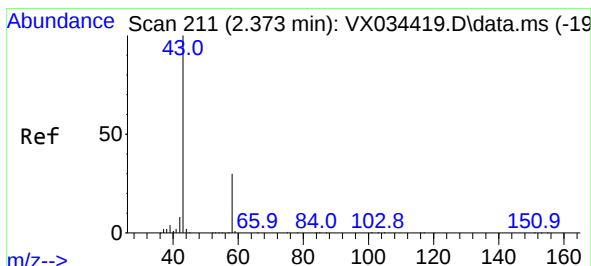
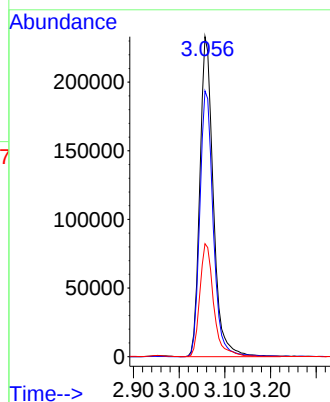
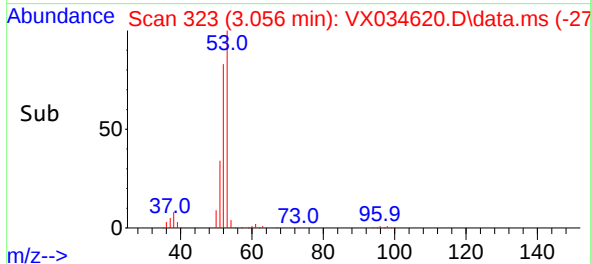
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



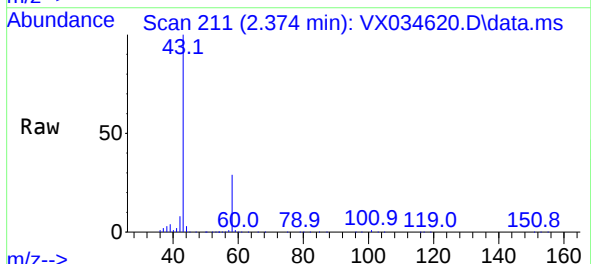
Tgt Ion: 53 Resp: 476950
Ion Ratio Lower Upper
53 100
52 82.8 66.2 99.2
51 36.5 28.3 42.5

Manual Integrations
APPROVED

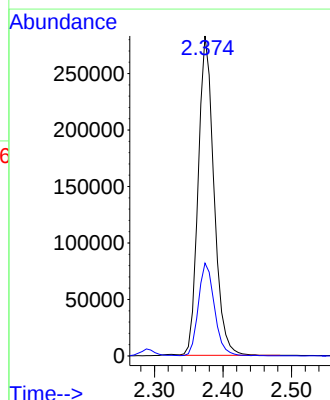
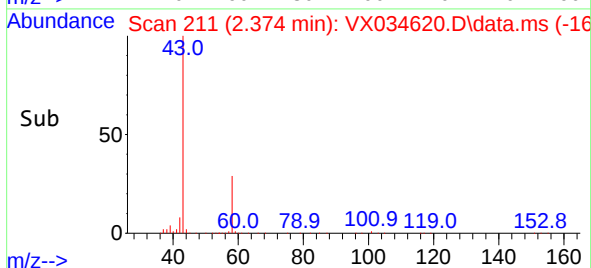
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

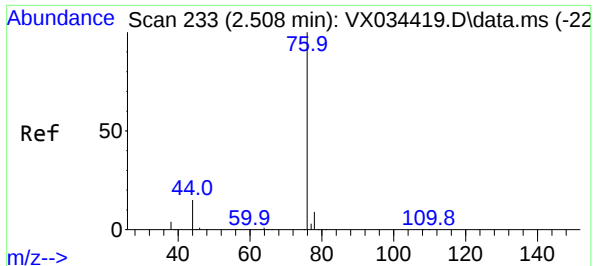


#16
Acetone
Concen: 226.649 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05



Tgt Ion: 43 Resp: 452335
Ion Ratio Lower Upper
43 100
58 29.0 24.7 37.1





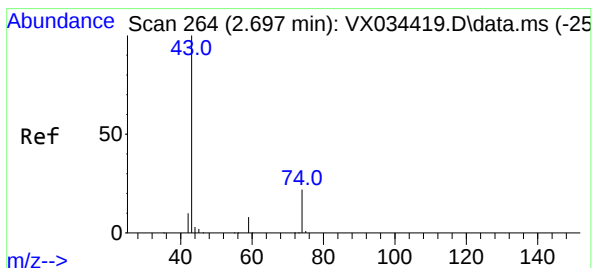
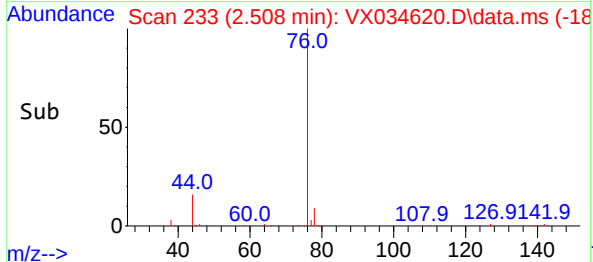
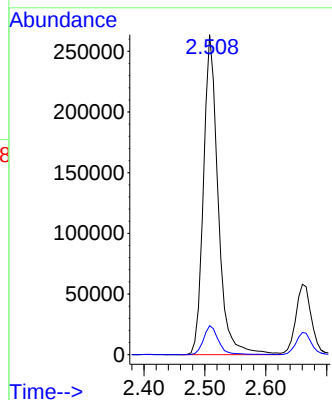
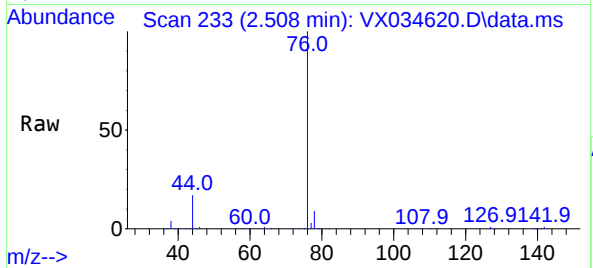
#17
Carbon Disulfide
Concen: 49.200 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 441433
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

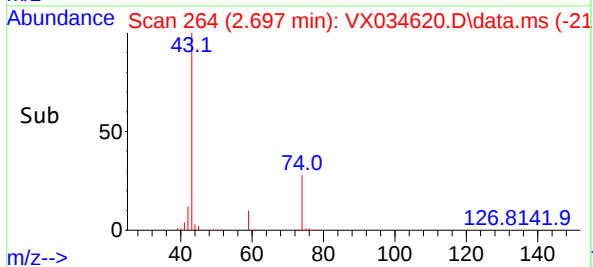
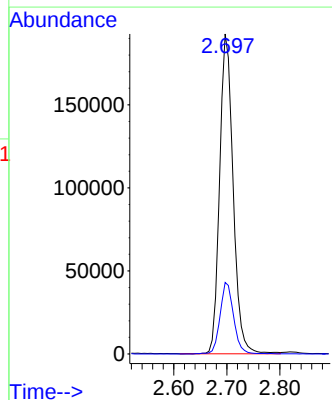
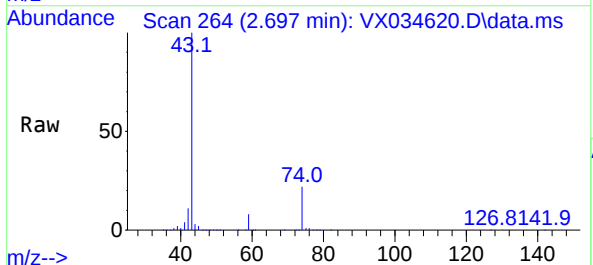
Manual Integrations
APPROVED

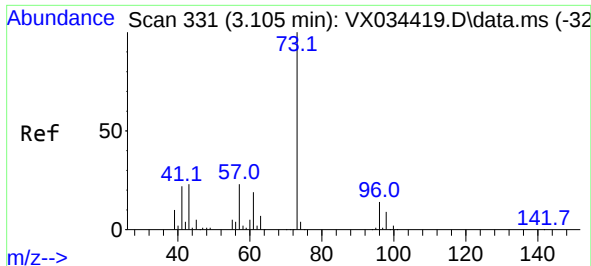
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#18
Methyl Acetate
Concen: 52.275 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

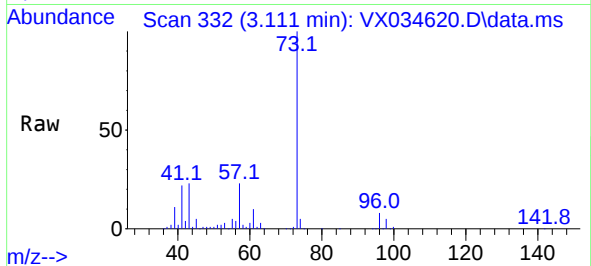
Tgt Ion: 43 Resp: 340893
Ion Ratio Lower Upper
43 100
74 22.6 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 52.046 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

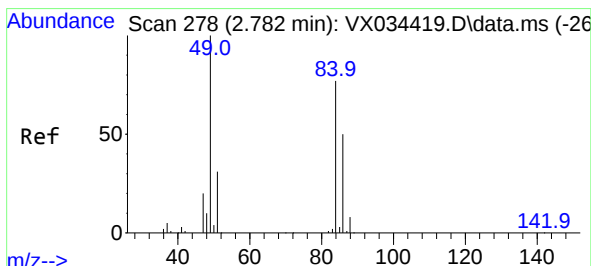
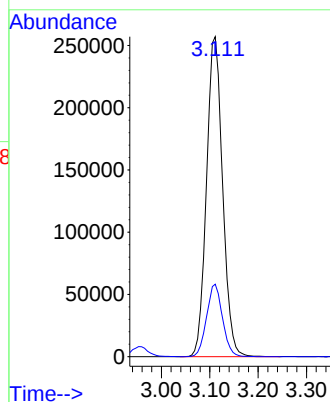
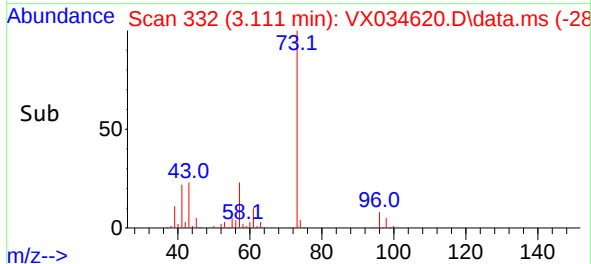
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 594120
Ion Ratio Lower Upper
73 100
57 22.6 18.5 27.7

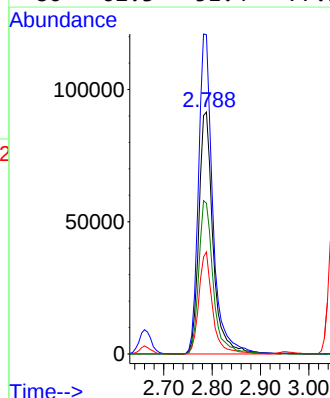
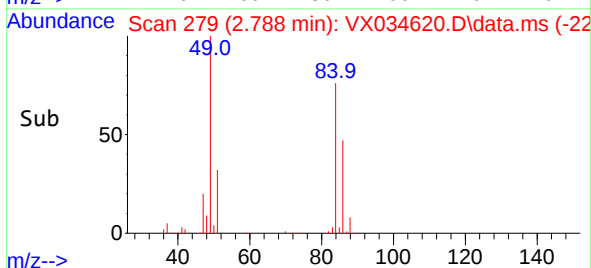
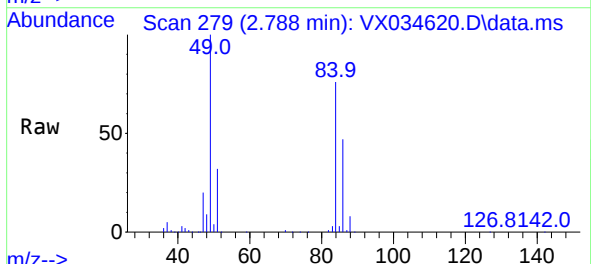
Manual Integrations
APPROVED

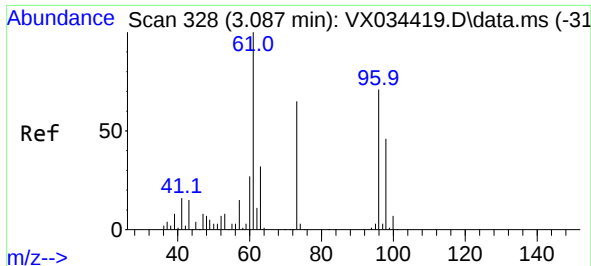
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#20
Methylene Chloride
Concen: 48.191 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

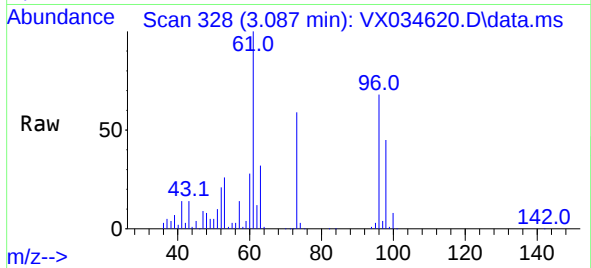
Tgt Ion: 84 Resp: 186660
Ion Ratio Lower Upper
84 100
49 131.9 103.8 155.8
51 42.2 31.8 47.8
86 62.3 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 52.242 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

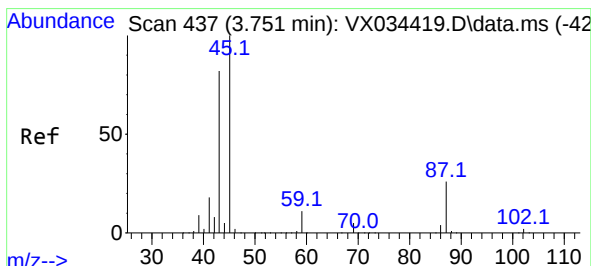
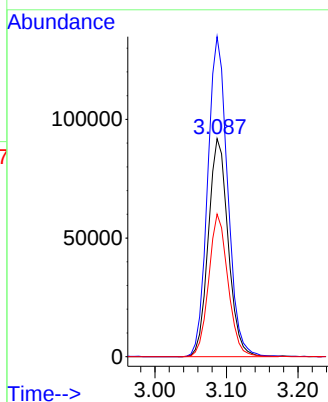
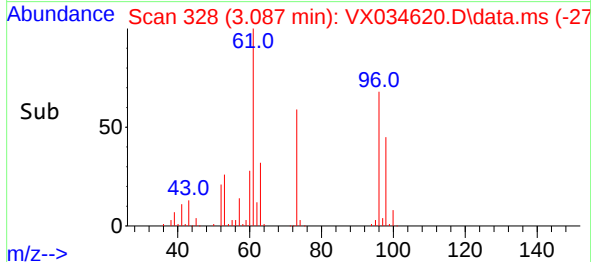
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



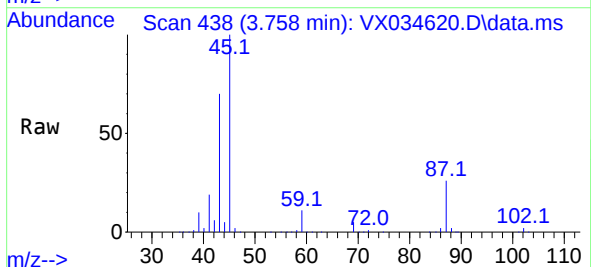
Tgt Ion: 96 Resp: 176884
Ion Ratio Lower Upper
96 100
61 146.8 113.0 169.6
98 65.4 52.1 78.1

Manual Integrations
APPROVED

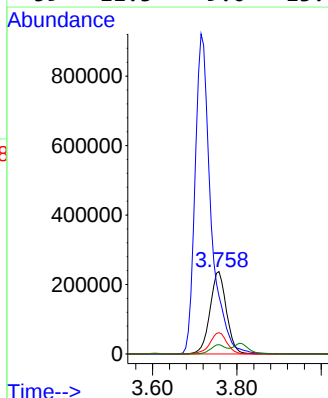
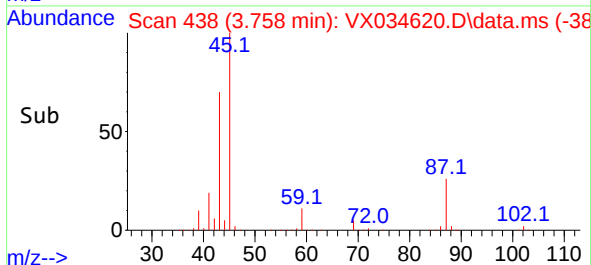
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

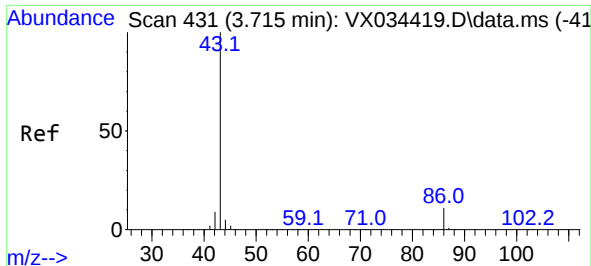


#22
Diisopropyl ether
Concen: 51.910 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05



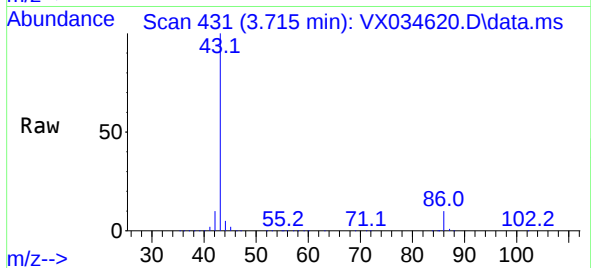
Tgt Ion: 45 Resp: 639712
Ion Ratio Lower Upper
45 100
43 70.2 65.4 98.2
87 26.0 20.6 31.0
59 11.3 9.0 13.6





#23
 Vinyl Acetate
 Concen: 258.018 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034620.D
 Acq: 20 Mar 2023 12:05

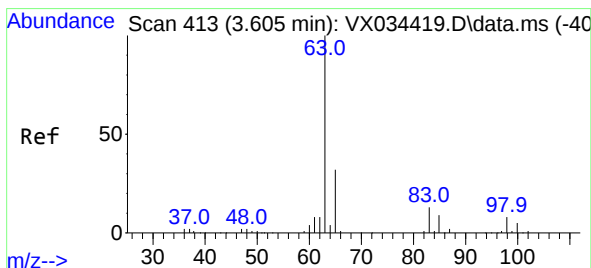
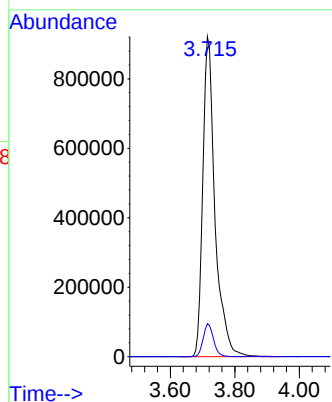
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



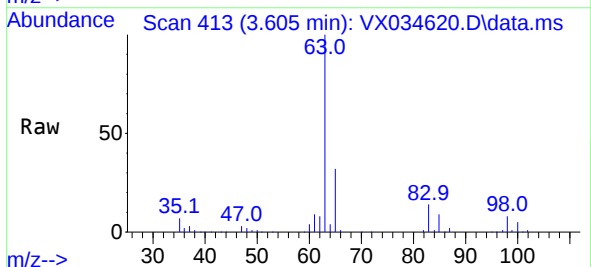
Tgt Ion: 43 Resp: 241996
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.5 12.7

Manual Integrations
 APPROVED

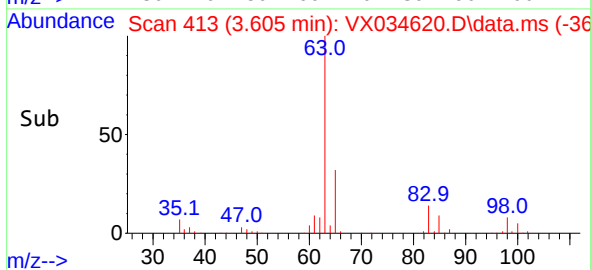
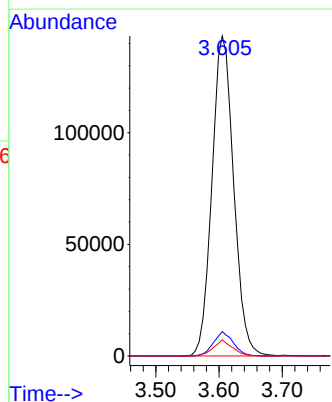
Reviewed By :John Carlone 03/21/2023
 Supervised By :Mahesh Dadoda 03/21/2023

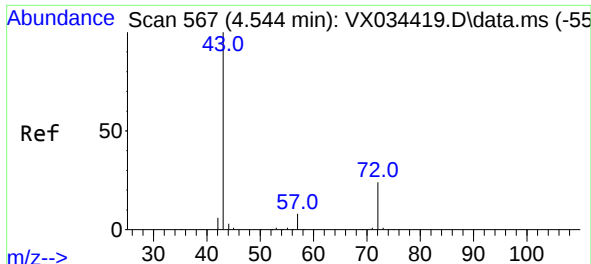


#24
 1,1-Dichloroethane
 Concen: 51.527 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034620.D
 Acq: 20 Mar 2023 12:05



Tgt Ion: 63 Resp: 341347
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.2
 100 5.1 2.4 7.1





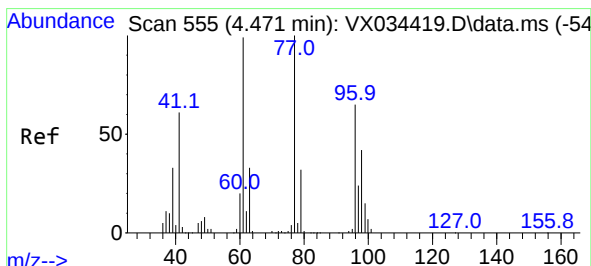
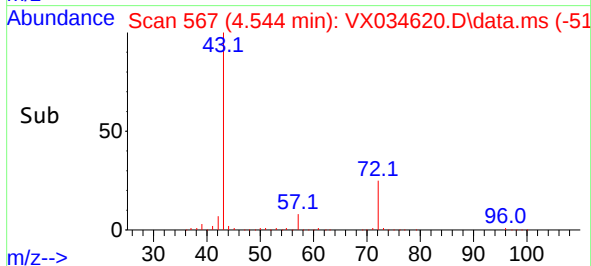
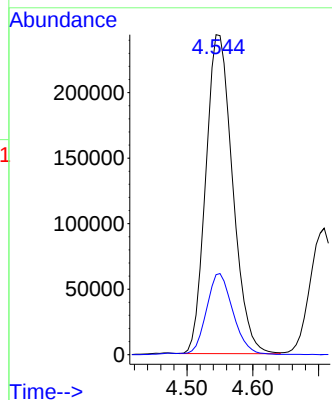
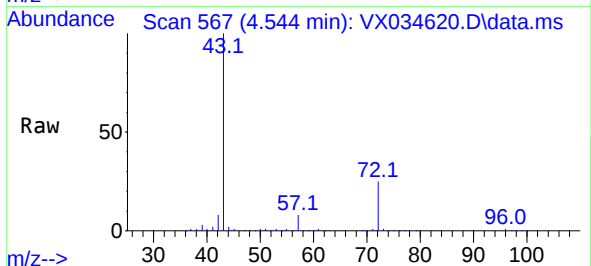
#25
2-Butanone
Concen: 242.210 ug/l
RT: 4.544 min Scan# 567
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 691664
Ion Ratio Lower Upper
43 100
72 25.0 19.3 28.9

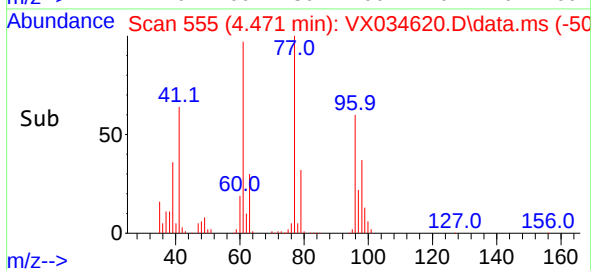
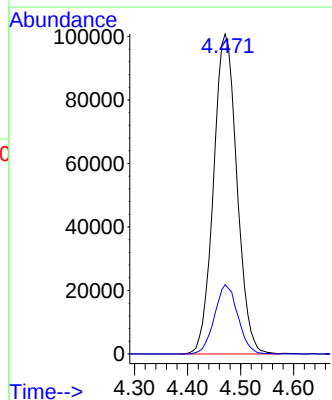
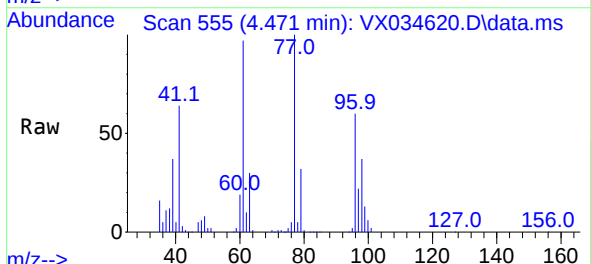
Manual Integrations
APPROVED

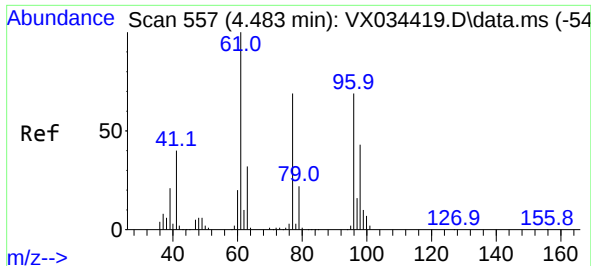
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#26
2,2-Dichloropropane
Concen: 53.702 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

Tgt Ion: 77 Resp: 309235
Ion Ratio Lower Upper
77 100
97 21.6 11.4 34.1





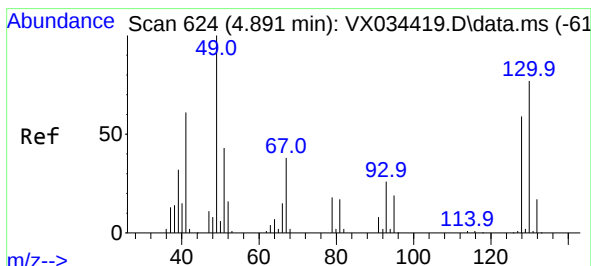
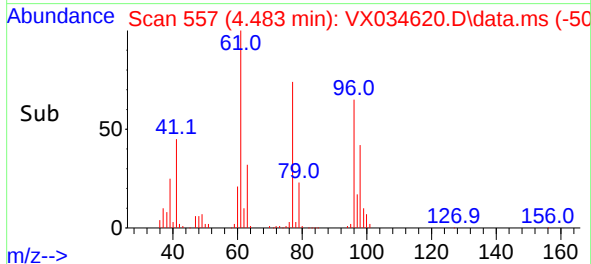
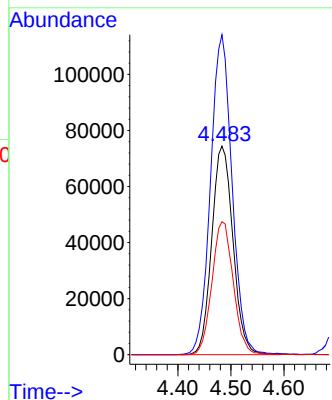
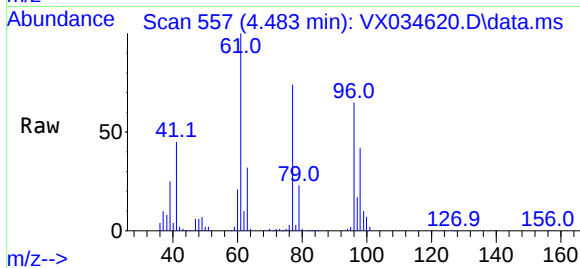
#27
cis-1,2-Dichloroethene
Concen: 50.825 ug/l
RT: 4.483 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 207160
Ion Ratio Lower Upper
96 100
61 155.5 0.0 300.4
98 64.1 0.0 129.0

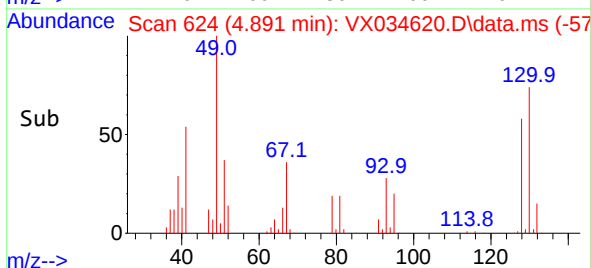
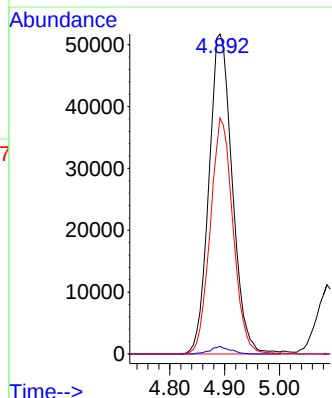
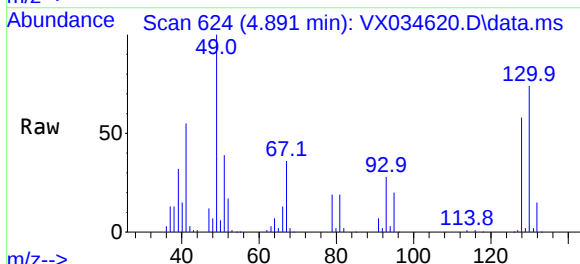
Manual Integrations
APPROVED

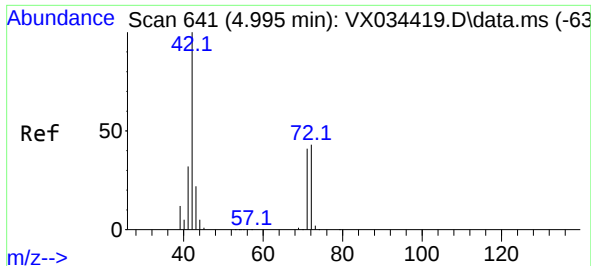
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#28
Bromochloromethane
Concen: 49.766 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

Tgt Ion: 49 Resp: 153289
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 71.6 58.2 87.2





#29

Tetrahydrofuran

Concen: 250.506 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX034620.D

Acq: 20 Mar 2023 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 44141

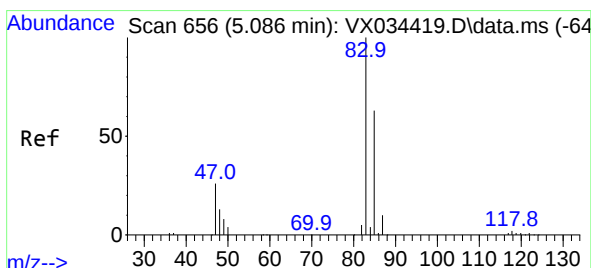
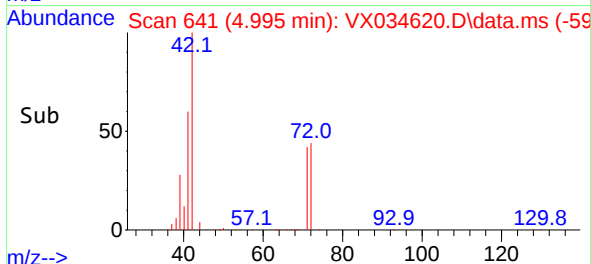
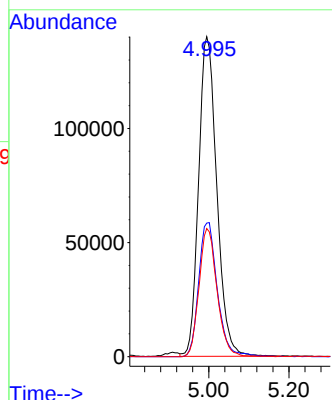
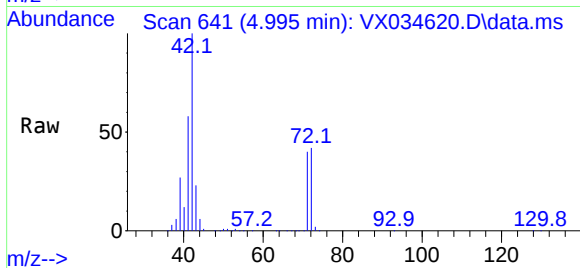
Ion	Ratio	Lower	Upper
42	100		
72	43.1	34.5	51.7
71	39.7	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#30

Chloroform

Concen: 54.183 ug/l

RT: 5.087 min Scan# 656

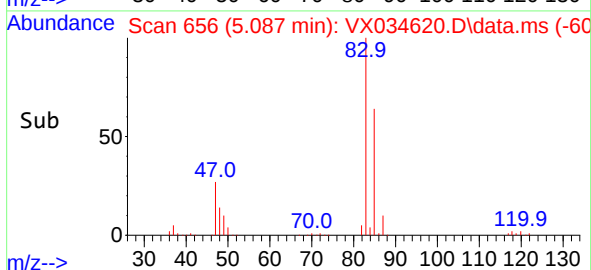
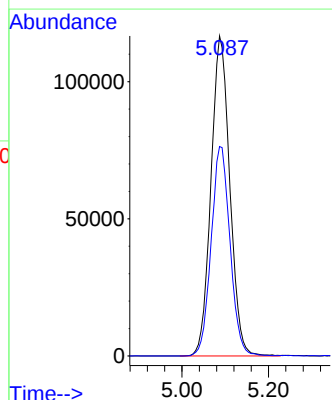
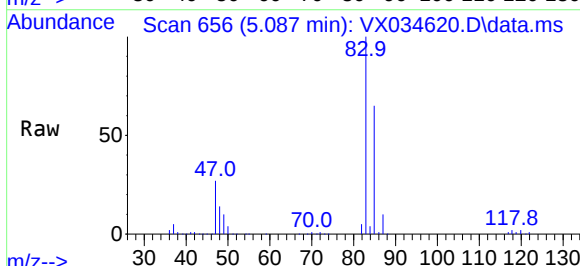
Delta R.T. 0.000 min

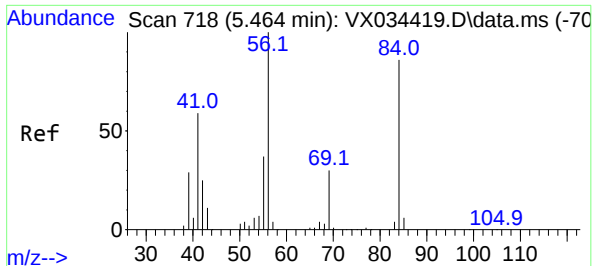
Lab File: VX034620.D

Acq: 20 Mar 2023 12:05

Tgt Ion: 83 Resp: 351845

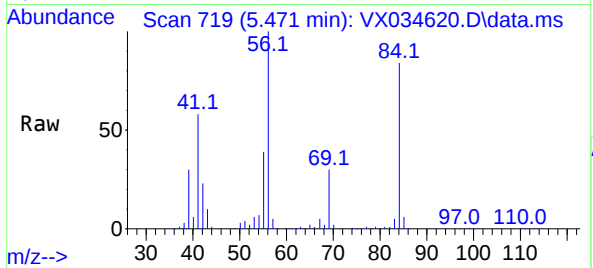
Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.6	76.0





#31
Cyclohexane
Concen: 54.710 ug/l
RT: 5.471 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

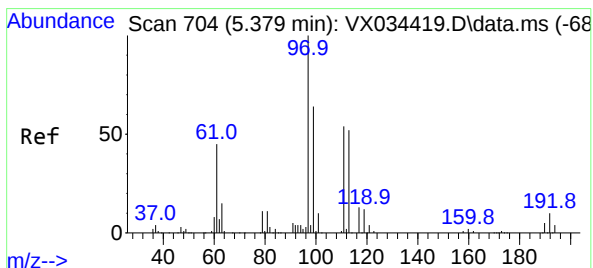
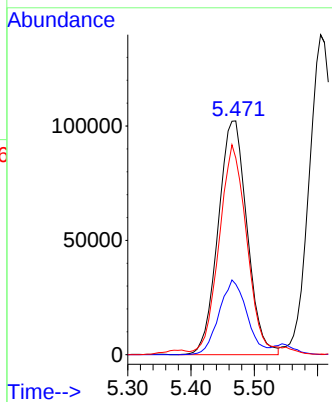
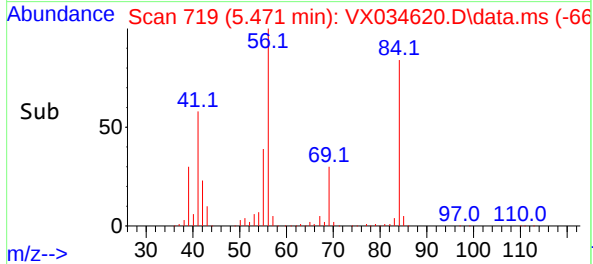
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



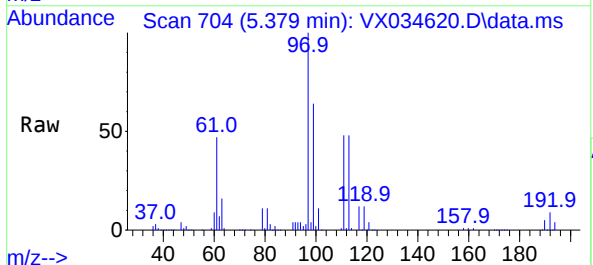
Tgt Ion: 56 Resp: 325080
Ion Ratio Lower Upper
56 100
69 30.1 23.7 35.5
84 82.3 68.5 102.7

Manual Integrations
APPROVED

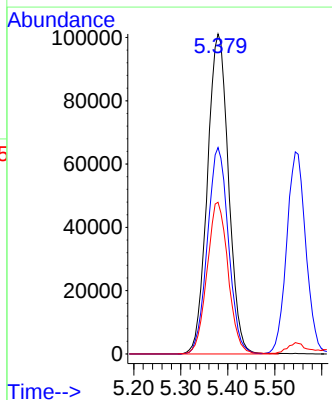
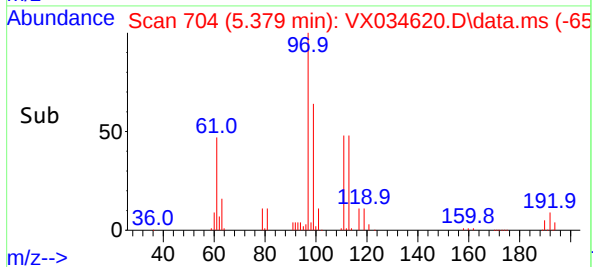
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

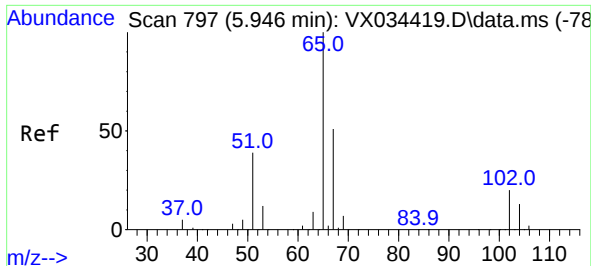


#32
1,1,1-Trichloroethane
Concen: 54.962 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05



Tgt Ion: 97 Resp: 315953
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 47.4 36.5 54.7





#33
1,2-Dichloroethane-d4
Concen: 43.869 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

Instrument :

MSVOA_X

Client Sample Id :

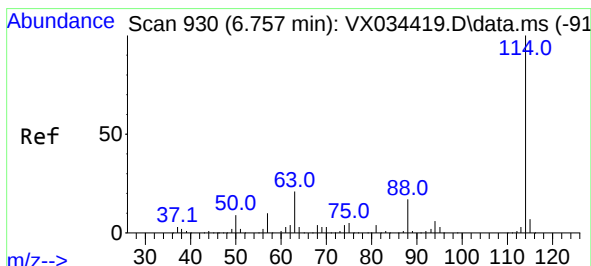
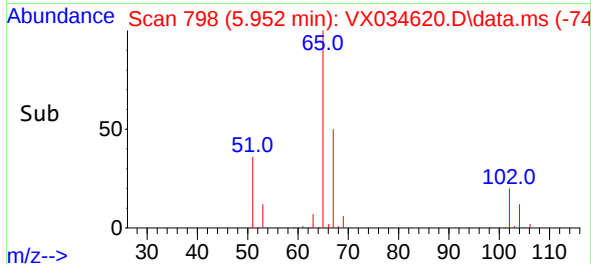
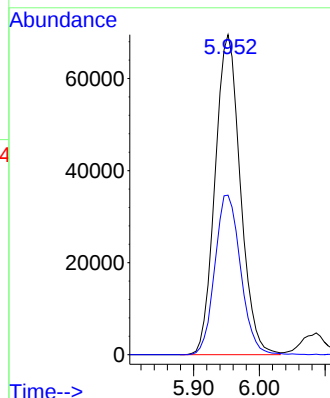
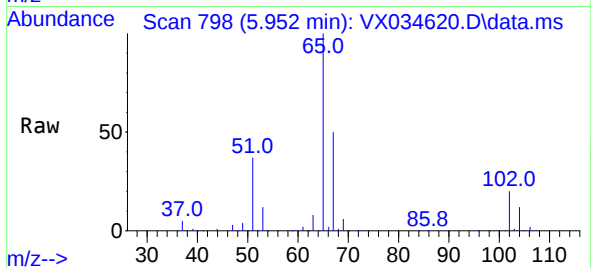
VSTDCCC050

Tgt Ion: 65 Resp: 18586
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.0

Manual Integrations

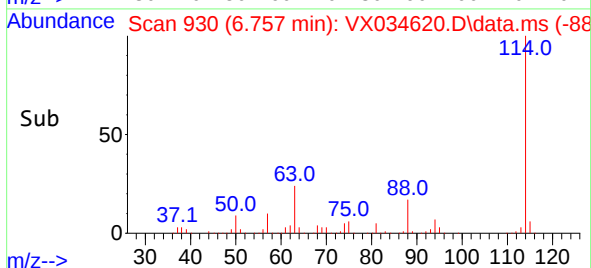
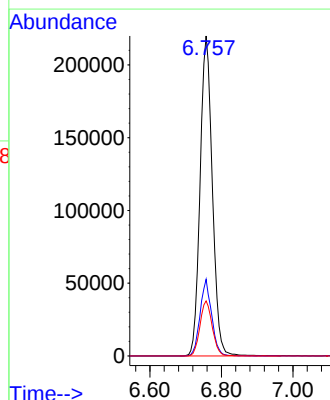
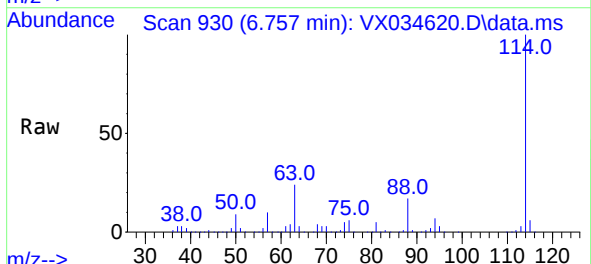
APPROVED

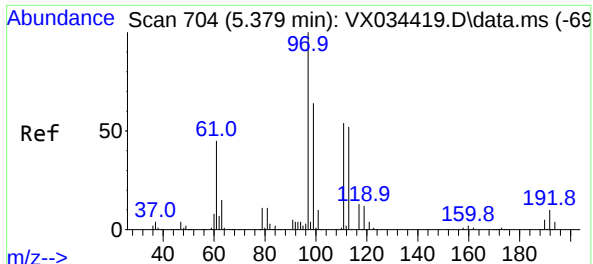
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

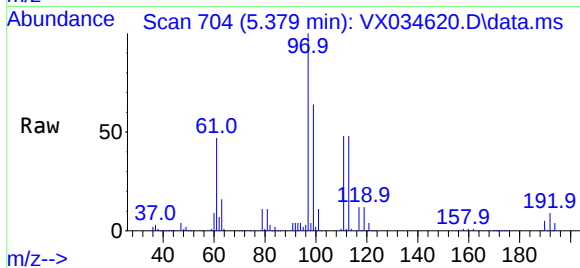
Tgt Ion:114 Resp: 522257
Ion Ratio Lower Upper
114 100
63 24.0 0.0 42.2
88 17.2 0.0 33.2





#35
Dibromofluoromethane
Concen: 41.043 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

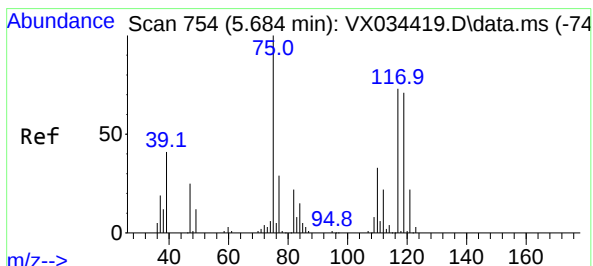
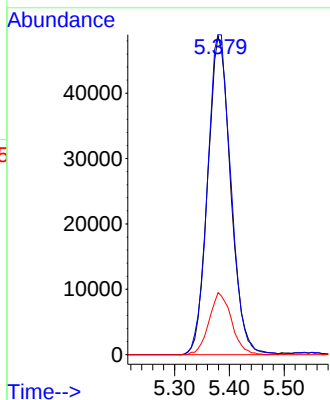
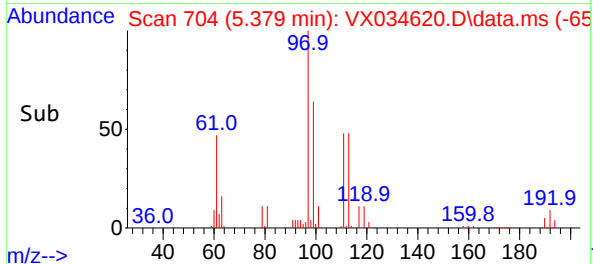
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



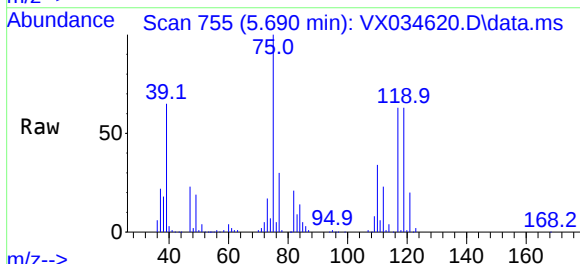
Tgt Ion:113 Resp: 14152
Ion Ratio Lower Upper
113 100
111 102.2 83.7 125.5
192 19.1 15.4 23.2

Manual Integrations
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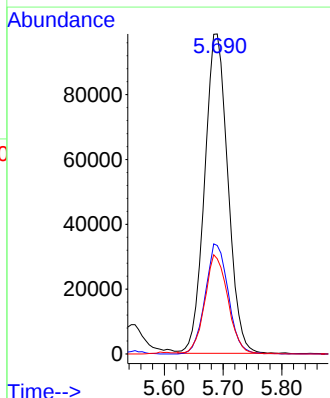
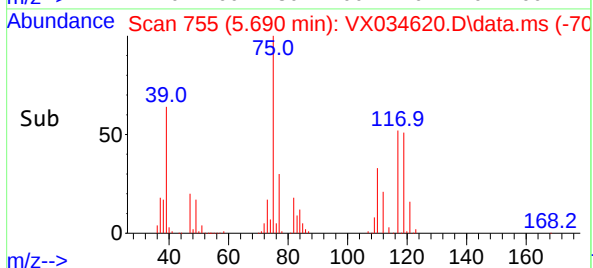
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

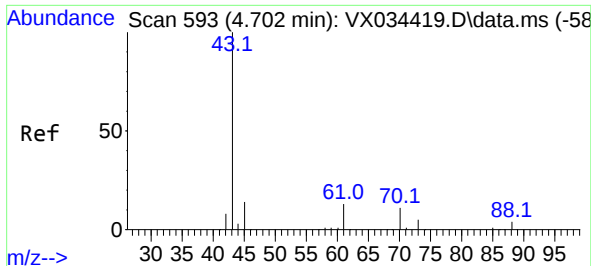


#36
1,1-Dichloropropene
Concen: 51.238 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05



Tgt Ion: 75 Resp: 271368
Ion Ratio Lower Upper
75 100
110 34.1 17.5 52.5
77 30.5 24.3 36.5





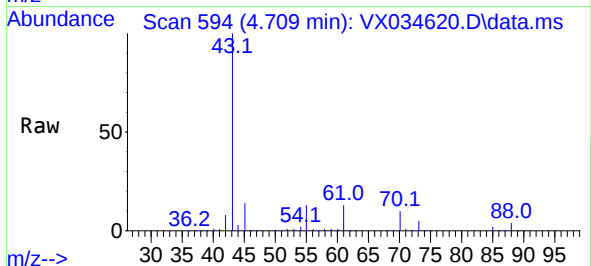
#37
Ethyl Acetate
Concen: 47.523 ug/l
RT: 4.709 min Scan# 593
Delta R.T. 0.006 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



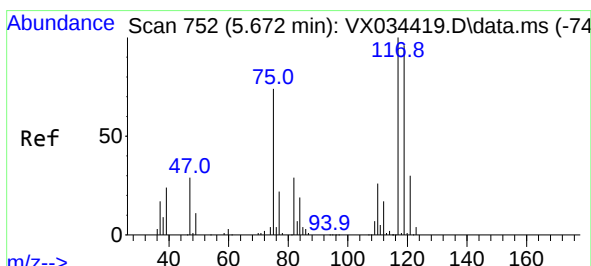
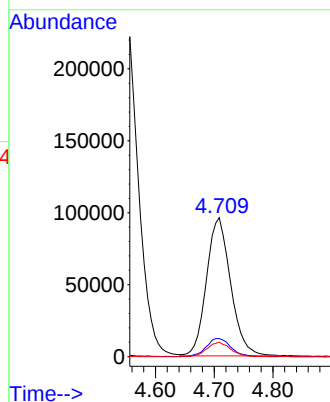
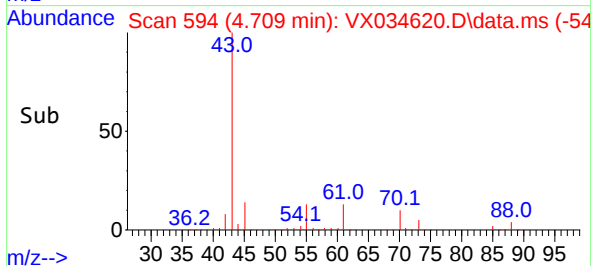
Tgt Ion: 43 Resp: 274962
Ion Ratio Lower Upper
43 100
61 13.6 10.2 15.4
70 10.2 8.2 12.4

Manual Integrations

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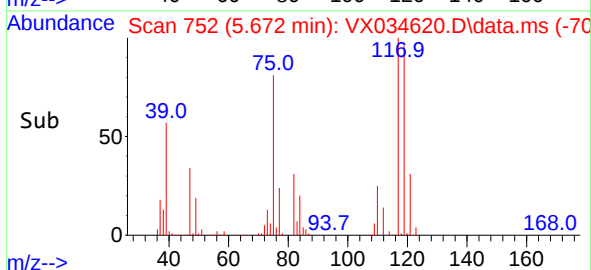
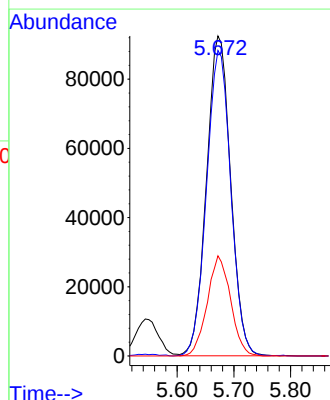
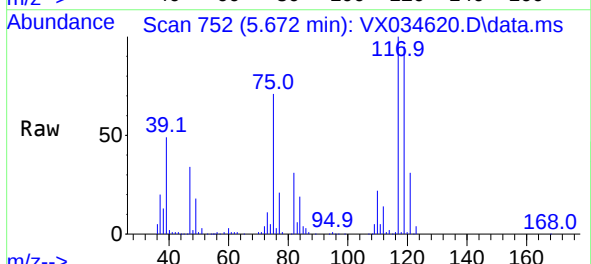
Reviewed By :John Carlone 03/21/2023

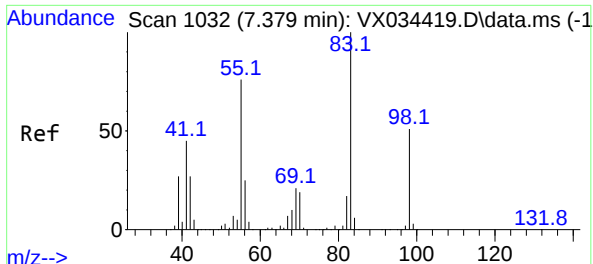
Supervised By :Mahesh Dadoda 03/21/2023



#38
Carbon Tetrachloride
Concen: 51.915 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

Tgt Ion:117 Resp: 273525
Ion Ratio Lower Upper
117 100
119 95.4 76.6 114.8
121 31.3 23.8 35.6





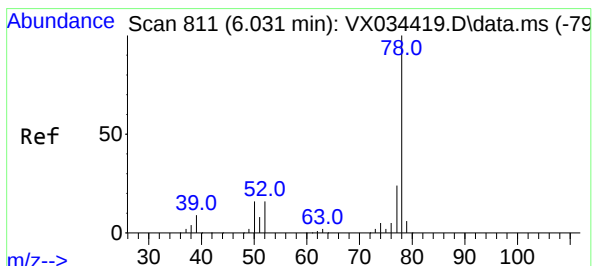
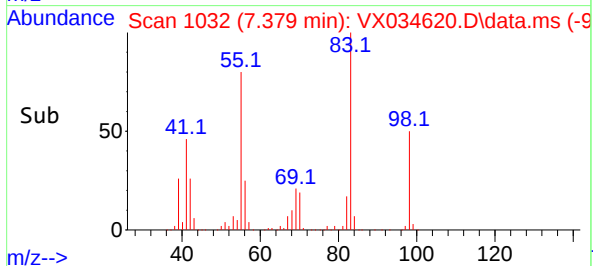
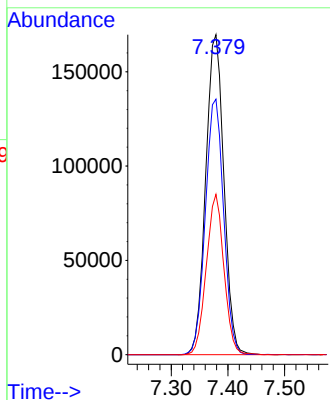
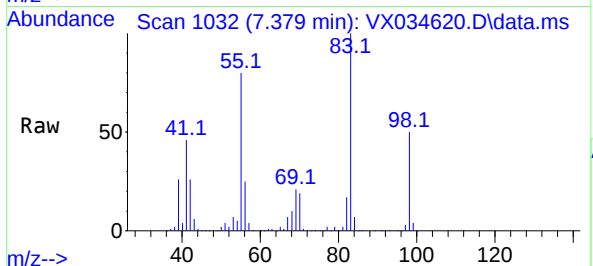
#39
Methylcyclohexane
Concen: 59.591 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 377692
Ion Ratio Lower Upper
83 100
55 79.9 60.5 90.7
98 50.1 40.4 60.6

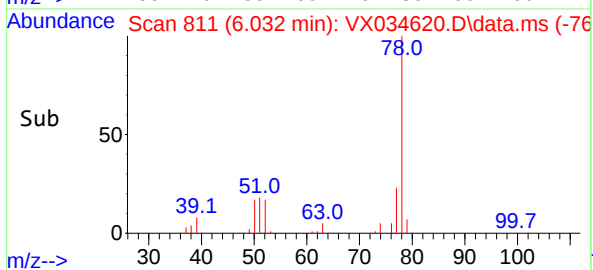
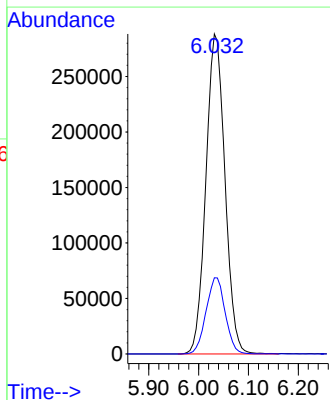
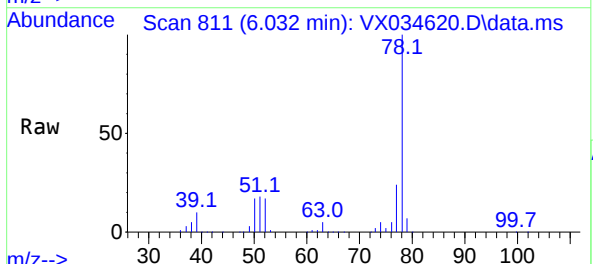
Manual Integrations
APPROVED

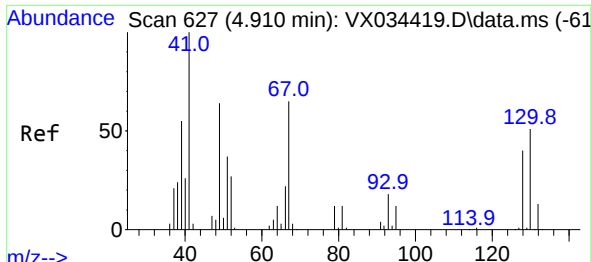
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#40
Benzene
Concen: 49.380 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

Tgt Ion: 78 Resp: 765061
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4





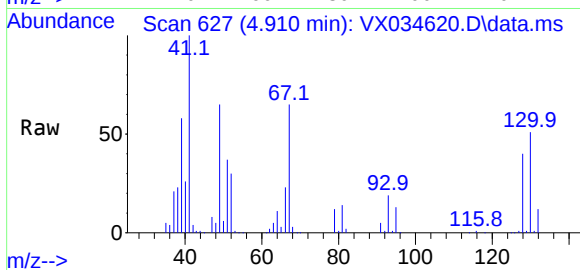
#41
Methacrylonitrile
Concen: 48.395 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



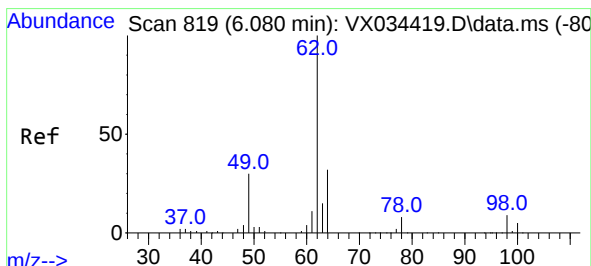
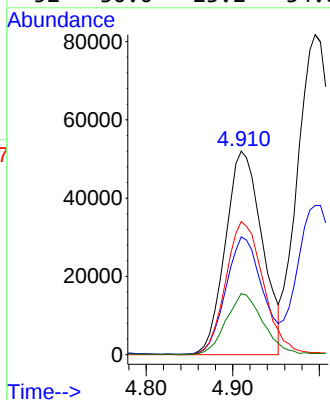
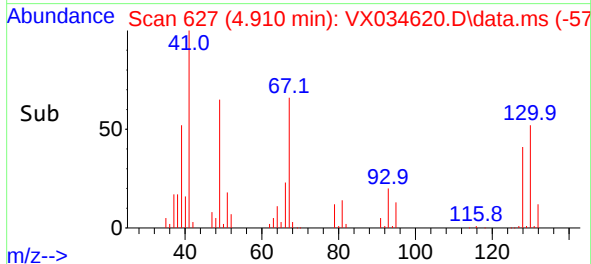
Tgt Ion: 41 Resp: 15345
Ion Ratio Lower Upper
41 100
39 57.5 45.0 67.6
67 67.5 55.6 83.4
52 30.0 23.2 34.8

Manual Integrations

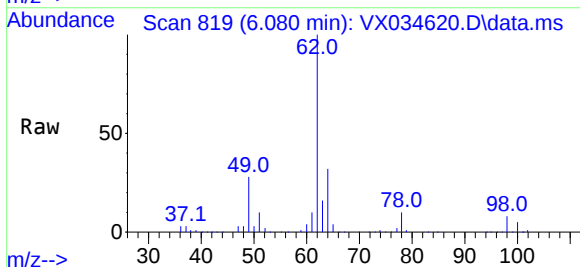
APPROVED

Reviewed By :John Carlone 03/21/2023

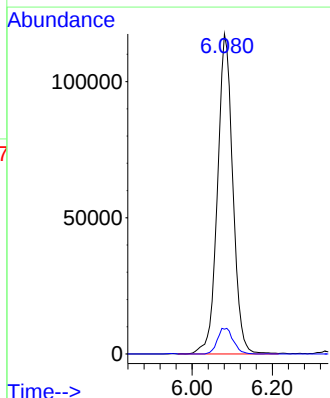
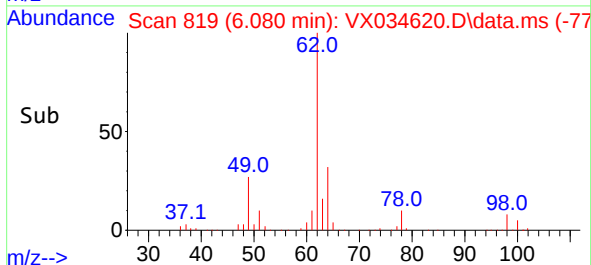
Supervised By :Mahesh Dadoda 03/21/2023

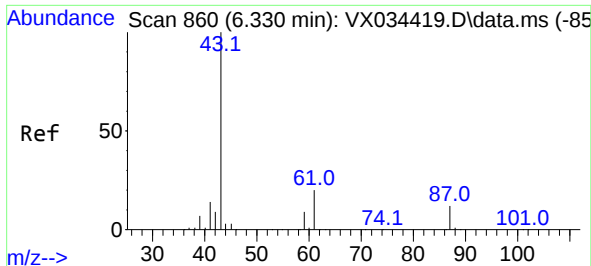


#42
1,2-Dichloroethane
Concen: 54.842 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05



Tgt Ion: 62 Resp: 312277
Ion Ratio Lower Upper
62 100
98 8.3 0.0 18.0





#43

Isopropyl Acetate

Concen: 51.474 ug/l

RT: 6.330 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX034620.D

Acq: 20 Mar 2023 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 504530

Ion Ratio Lower Upper

43 100

61 18.7 15.2 22.8

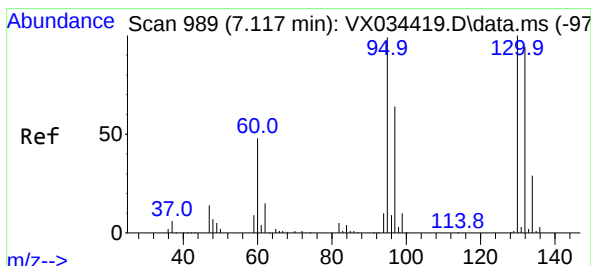
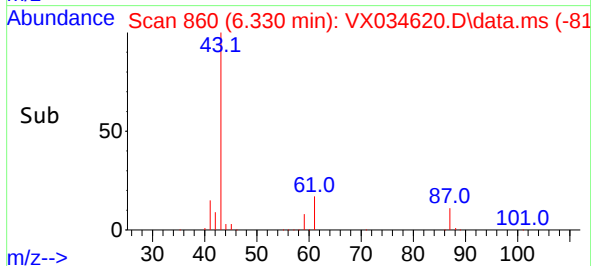
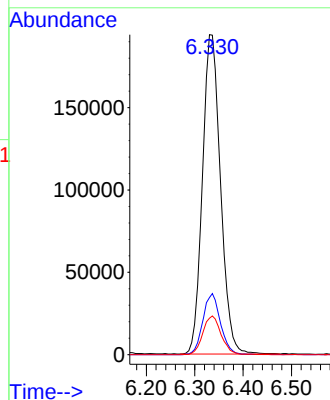
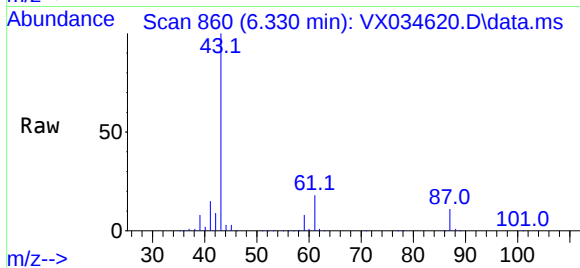
87 12.3 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#44

Trichloroethene

Concen: 54.777 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX034620.D

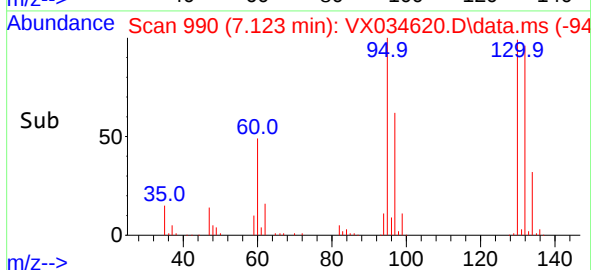
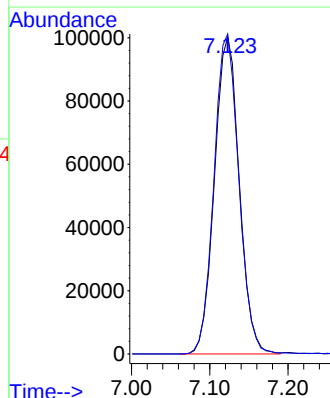
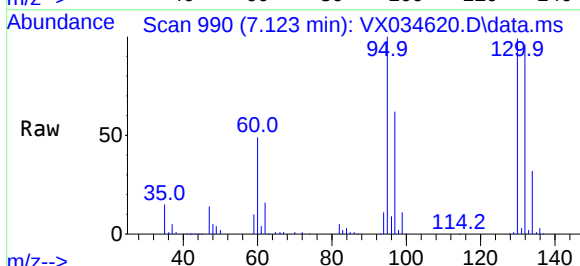
Acq: 20 Mar 2023 12:05

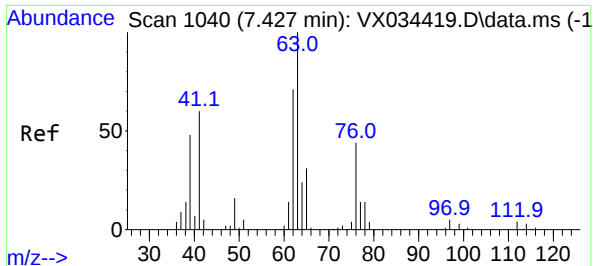
Tgt Ion:130 Resp: 220511

Ion Ratio Lower Upper

130 100

95 100.9 0.0 198.4





#45

1,2-Dichloropropane

Concen: 53.903 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034620.D

Acq: 20 Mar 2023 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 21805

Ion Ratio Lower Upper

63 100

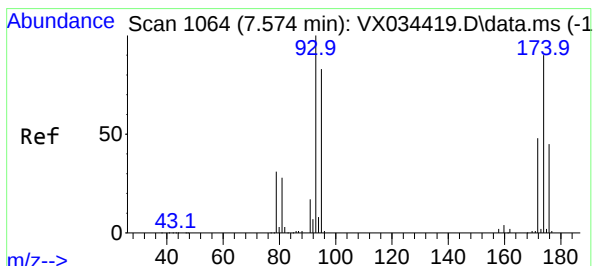
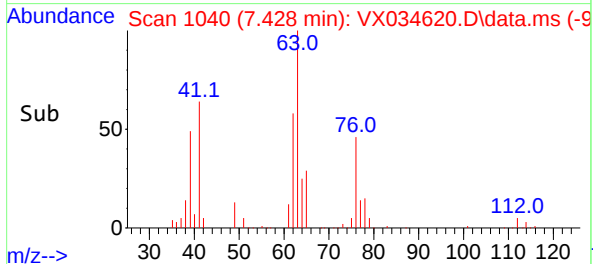
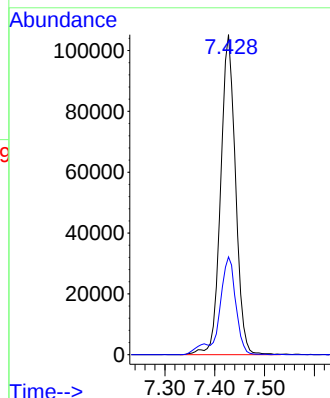
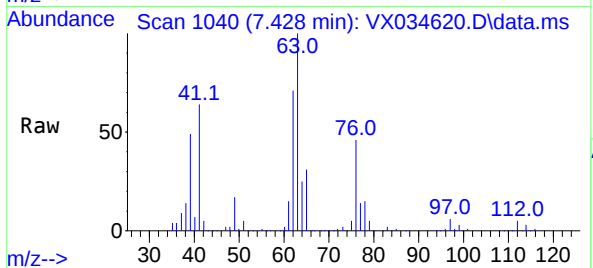
65 30.5 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#46

Dibromomethane

Concen: 54.706 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX034620.D

Acq: 20 Mar 2023 12:05

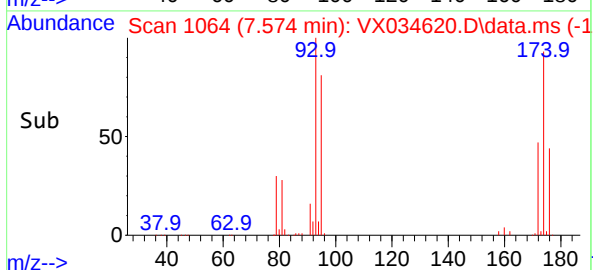
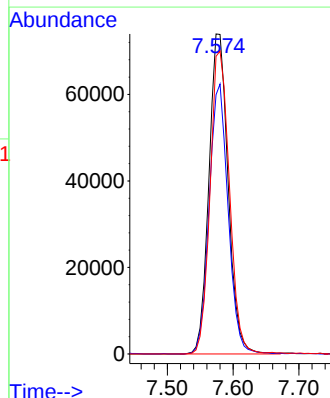
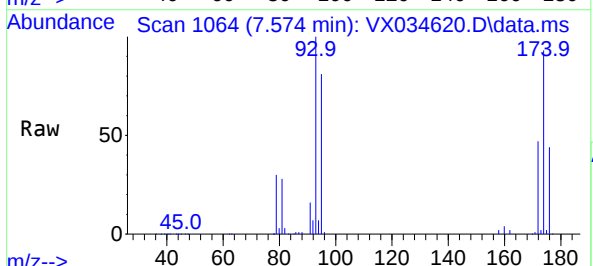
Tgt Ion: 93 Resp: 150456

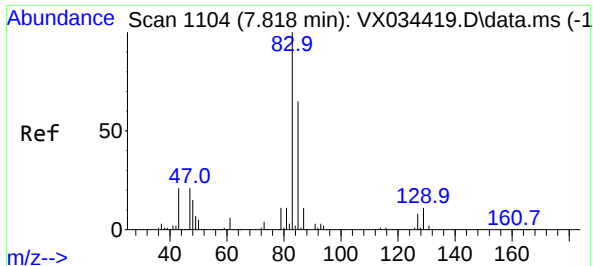
Ion Ratio Lower Upper

93 100

95 83.2 66.9 100.3

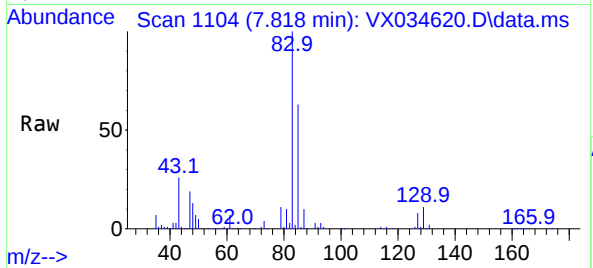
174 95.1 75.4 113.0





#47
Bromodichloromethane
Concen: 57.847 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

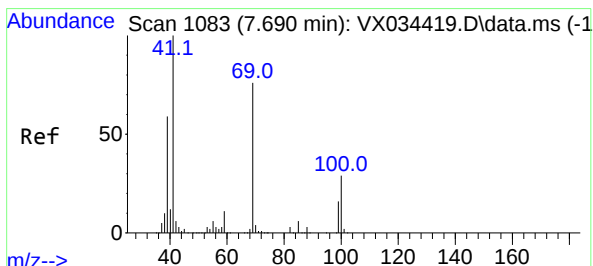
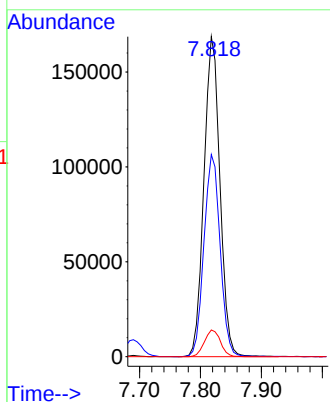
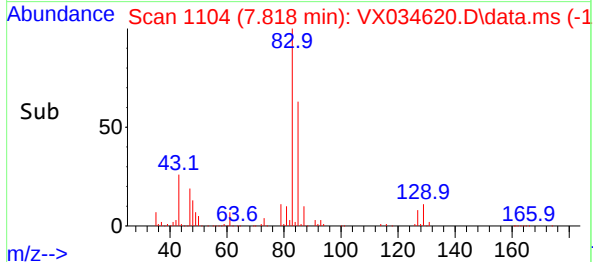
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



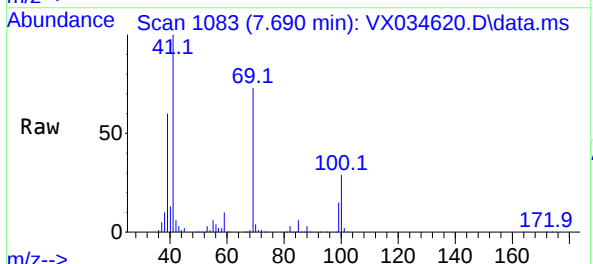
Tgt Ion: 83 Resp: 307910
Ion Ratio Lower Upper
83 100
85 63.1 52.2 78.4
127 8.4 6.6 9.8

Manual Integrations
APPROVED

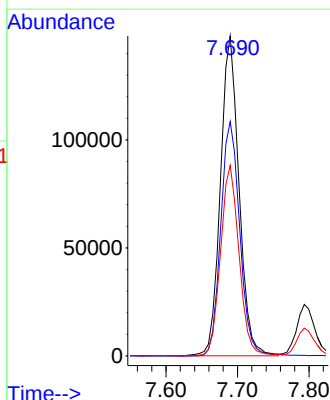
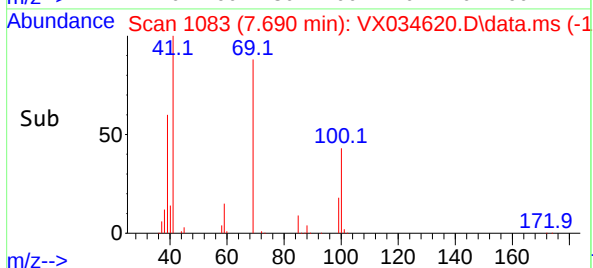
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

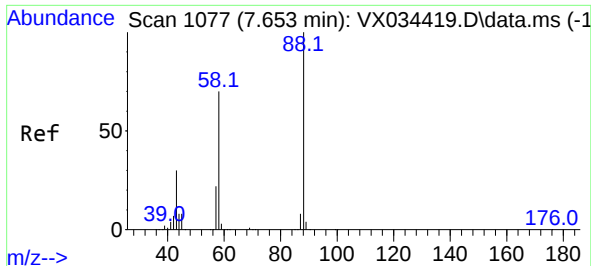


#48
Methyl methacrylate
Concen: 56.696 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05



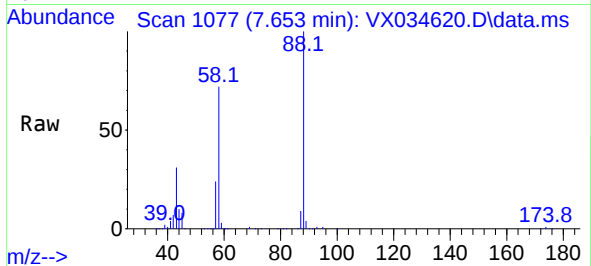
Tgt Ion: 41 Resp: 267273
Ion Ratio Lower Upper
41 100
69 75.2 62.2 93.4
39 59.5 47.7 71.5





#49
1,4-Dioxane
Concen: 1011.031 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

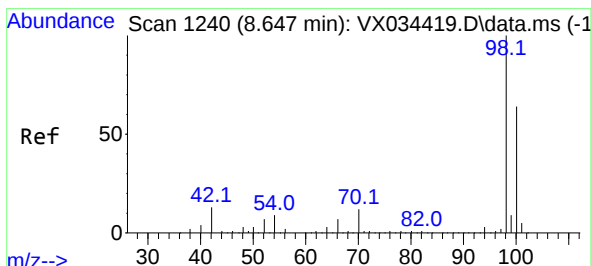
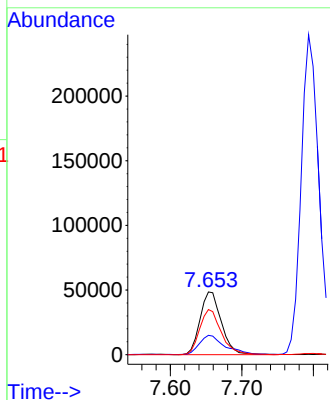
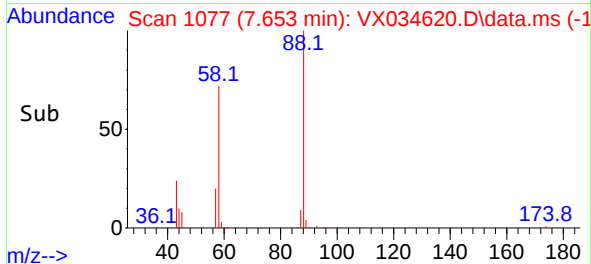
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 100107
Ion Ratio Lower Upper
88 100
43 36.2 27.7 41.5
58 73.0 56.8 85.2

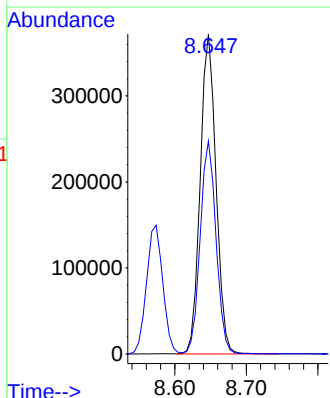
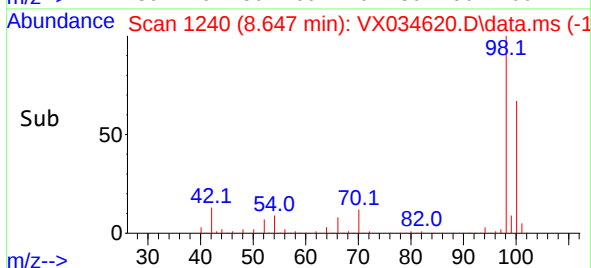
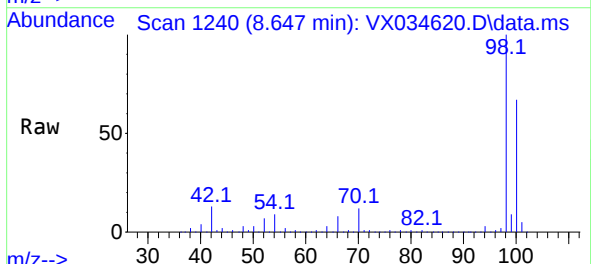
Manual Integrations
APPROVED

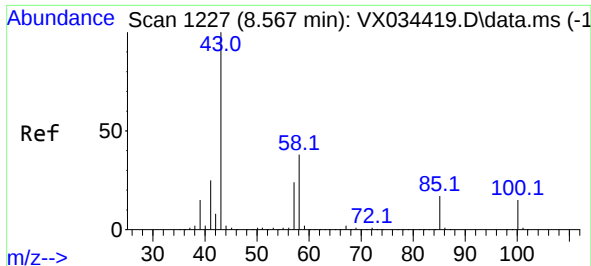
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#50
Toluene-d8
Concen: 44.242 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

Tgt Ion: 98 Resp: 569493
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 267.759 ug/l

RT: 8.568 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VX034620.D

Acq: 20 Mar 2023 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 152250

Ion Ratio Lower Upper

43 100

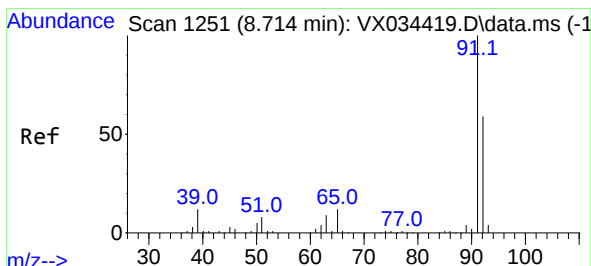
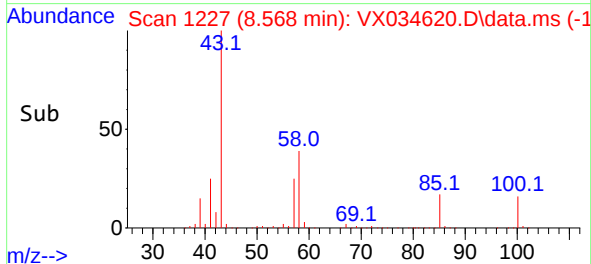
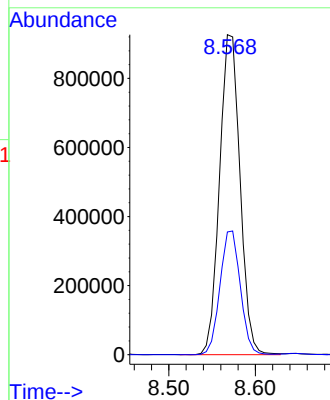
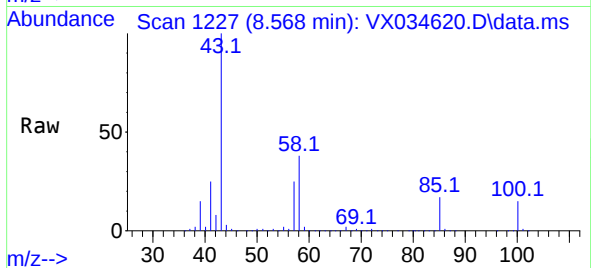
58 38.4 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#52

Toluene

Concen: 56.529 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX034620.D

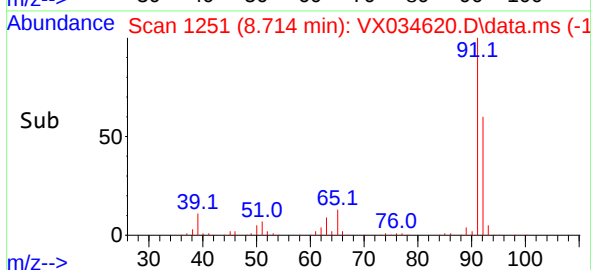
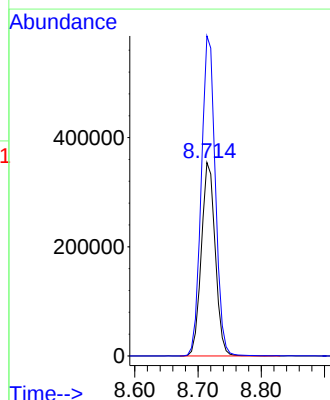
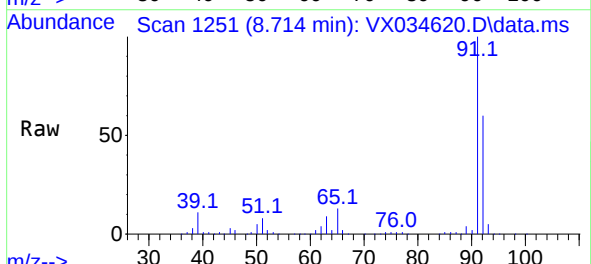
Acq: 20 Mar 2023 12:05

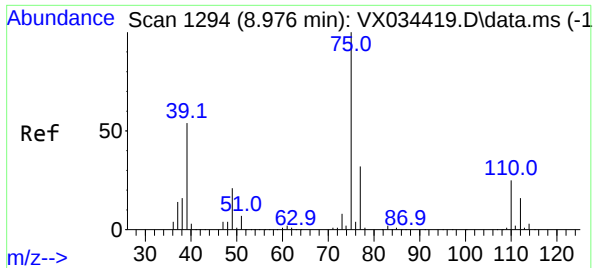
Tgt Ion: 92 Resp: 542229

Ion Ratio Lower Upper

92 100

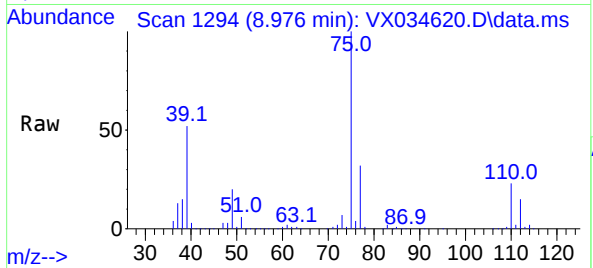
91 167.3 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 57.672 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

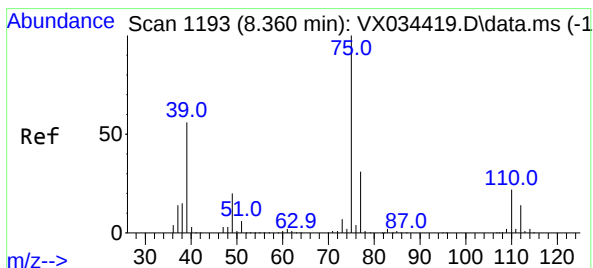
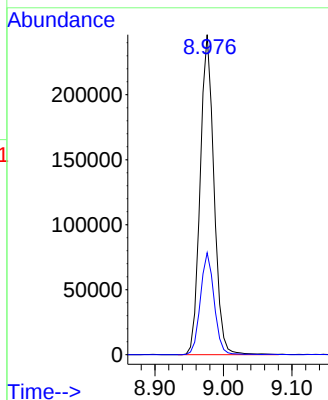
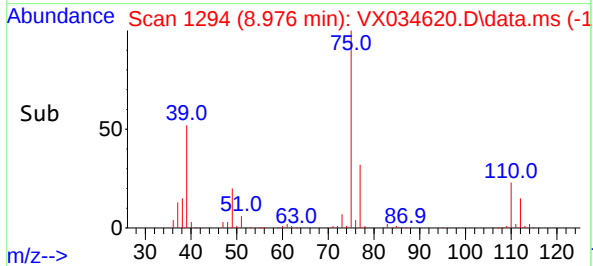
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



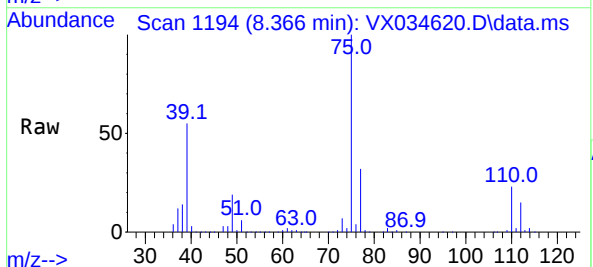
Tgt Ion: 75 Resp: 345838
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2

Manual Integrations
APPROVED

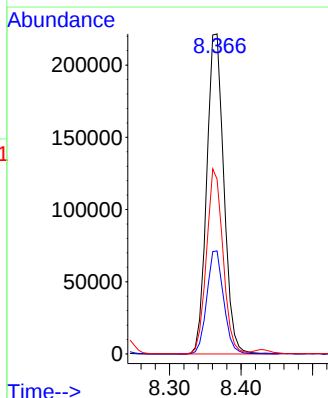
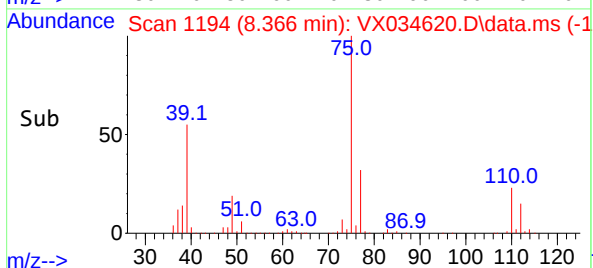
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

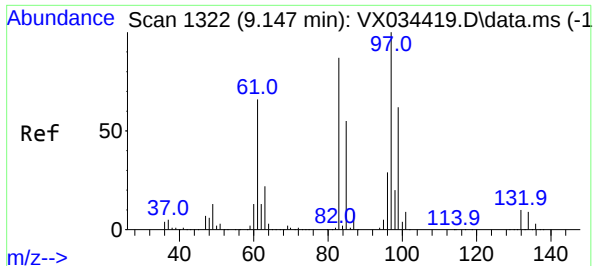


#54
cis-1,3-Dichloropropene
Concen: 56.829 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05



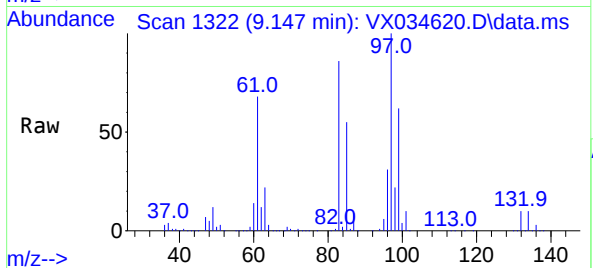
Tgt Ion: 75 Resp: 368698
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.4
39 54.5 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 55.559 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

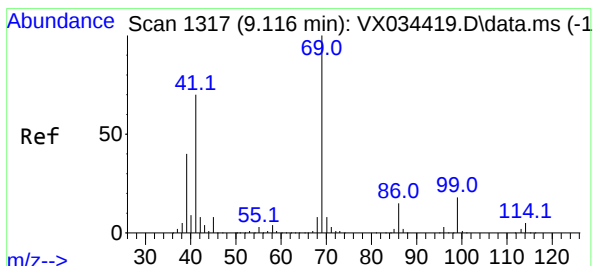
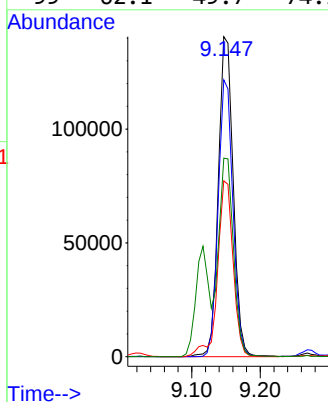
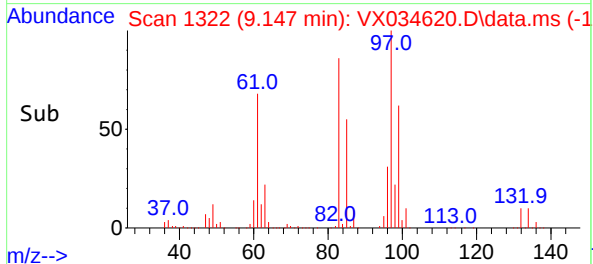


Tgt Ion: 97 Resp: 21150

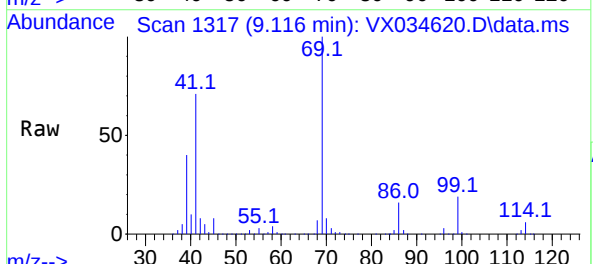
Ion	Ratio	Lower	Upper
97	100		
83	86.5	69.7	104.5
85	54.9	43.7	65.5
99	62.1	49.7	74.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

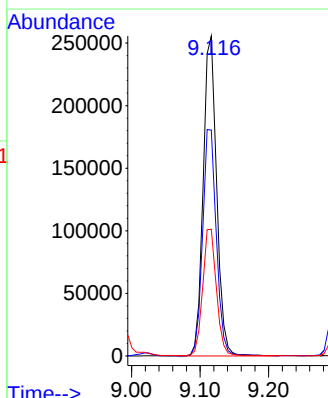
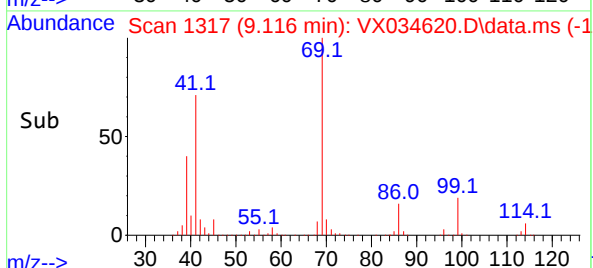


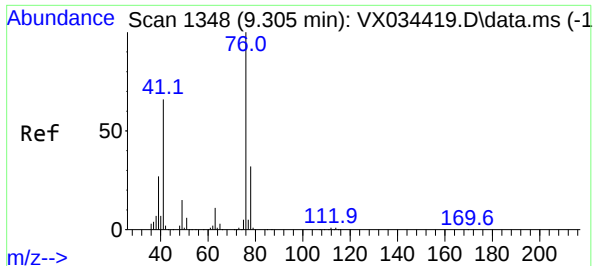
#56
Ethyl methacrylate
Concen: 56.088 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05



Tgt Ion: 69 Resp: 350564

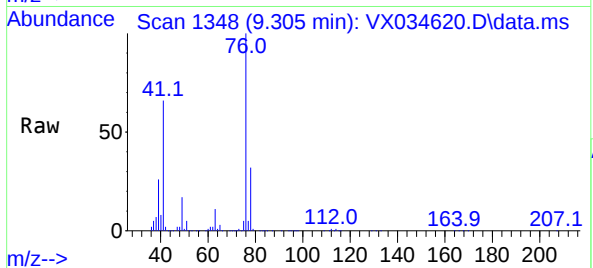
Ion	Ratio	Lower	Upper
69	100		
41	72.1	57.4	86.0
39	40.3	33.7	50.5





#57
1,3-Dichloropropane
Concen: 54.948 ug/l
RT: 9.305 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

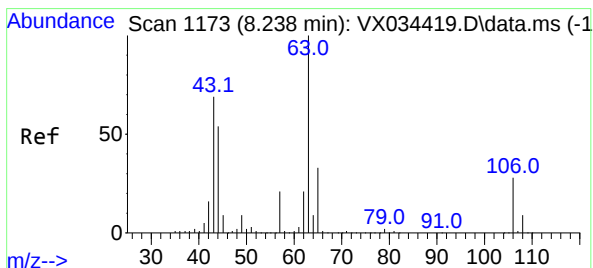
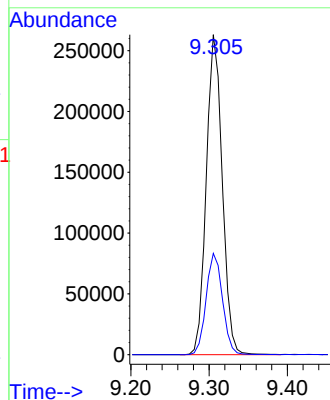
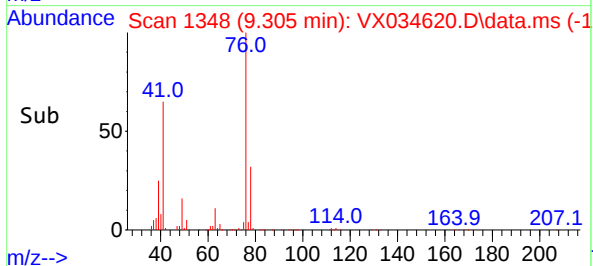
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



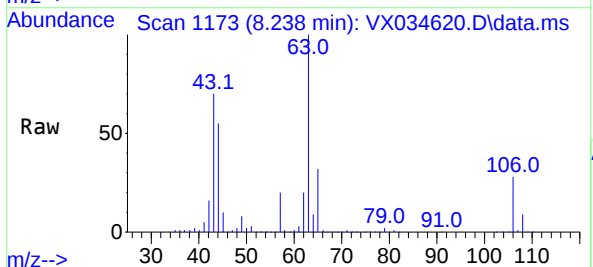
Tgt Ion: 76 Resp: 371759
Ion Ratio Lower Upper
76 100
78 32.5 25.8 38.8

Manual Integrations
APPROVED

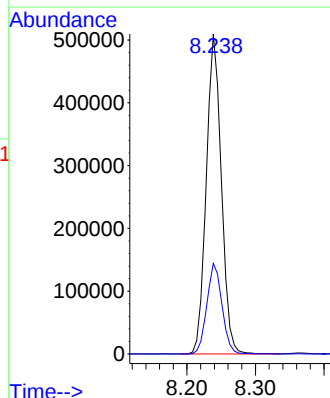
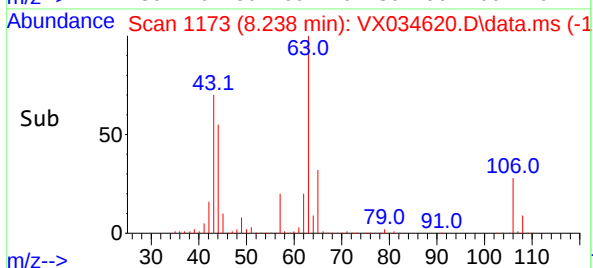
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

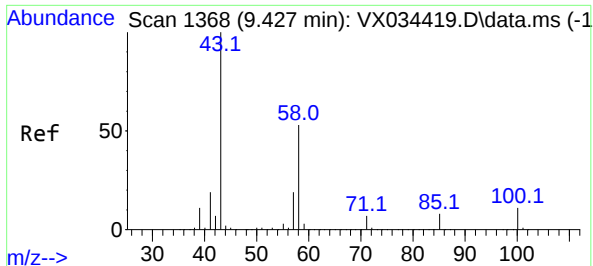


#58
2-Chloroethyl Vinyl ether
Concen: 242.154 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05



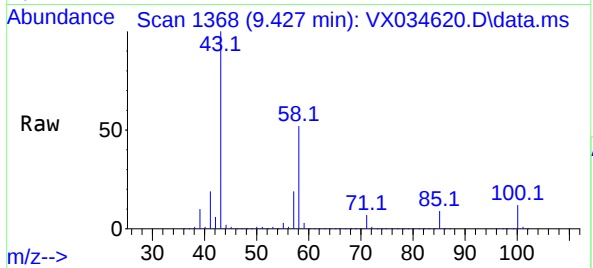
Tgt Ion: 63 Resp: 780006
Ion Ratio Lower Upper
63 100
106 28.4 22.2 33.2





#59
2-Hexanone
Concen: 268.165 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

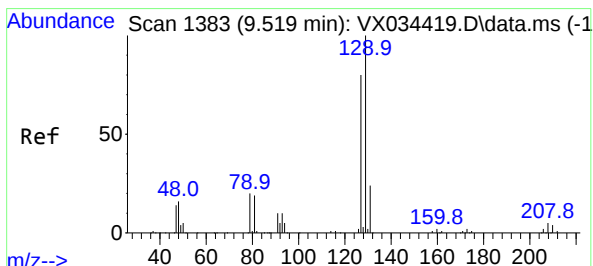
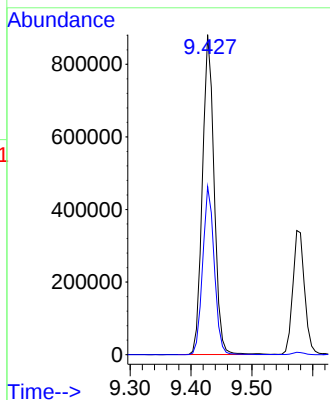
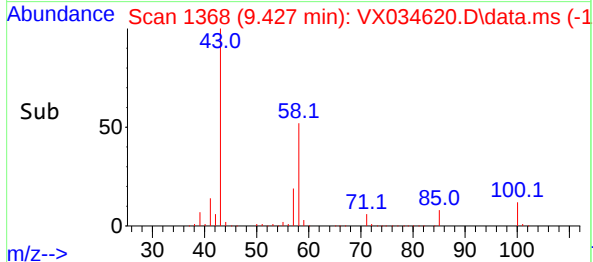
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



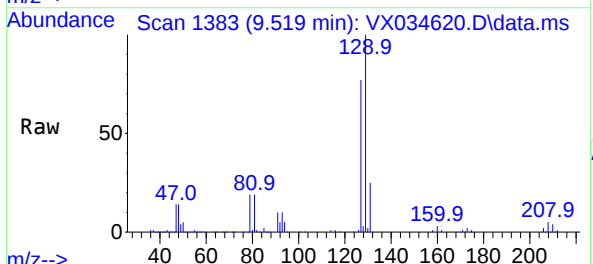
Tgt Ion: 43 Resp: 117870
Ion Ratio Lower Upper
43 100
58 52.1 26.3 78.9

Manual Integrations
APPROVED

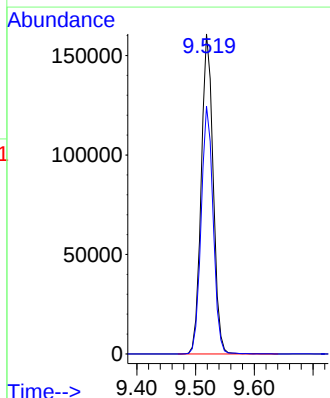
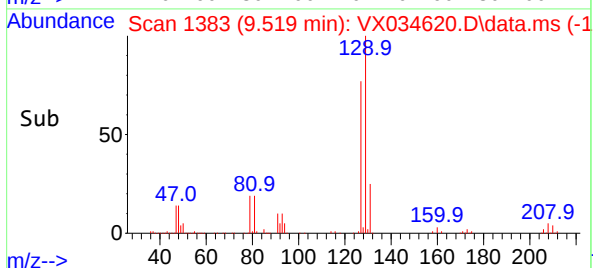
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

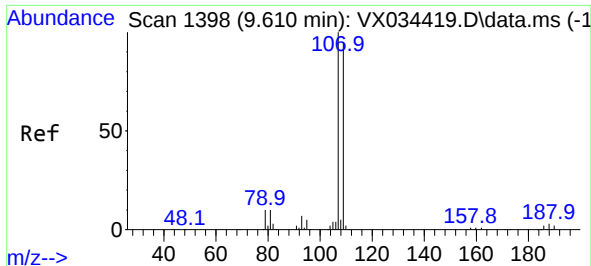


#60
Dibromochloromethane
Concen: 56.804 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05



Tgt Ion:129 Resp: 226790
Ion Ratio Lower Upper
129 100
127 77.7 39.0 117.0





#61
1,2-Dibromoethane
Concen: 54.816 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

Instrument :

MSVOA_X

ClientSampleId :

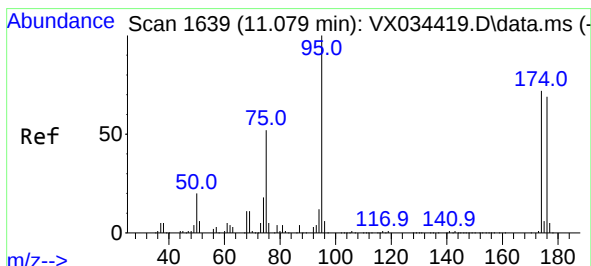
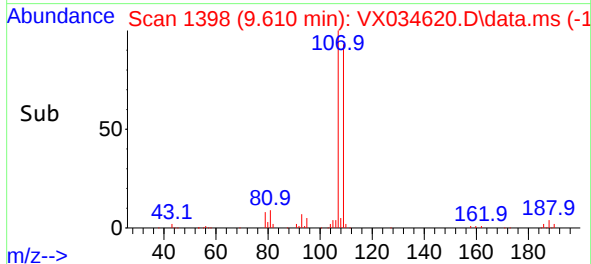
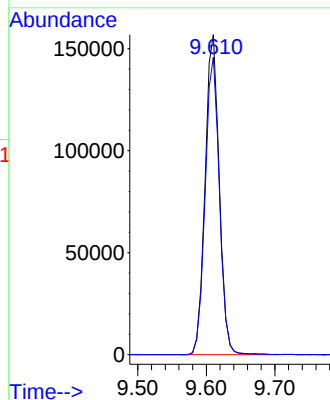
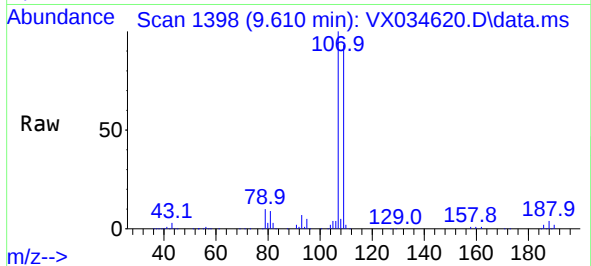
VSTDCCC050

Tgt Ion:107 Resp: 22517
Ion Ratio Lower Upper
107 100
109 93.6 75.3 112.9

Manual Integrations

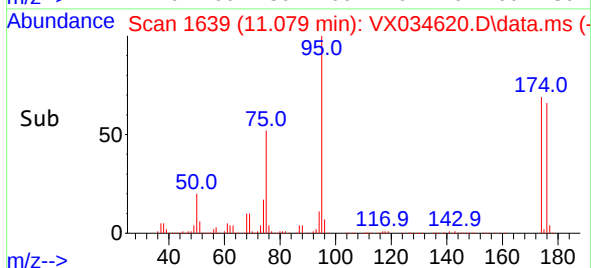
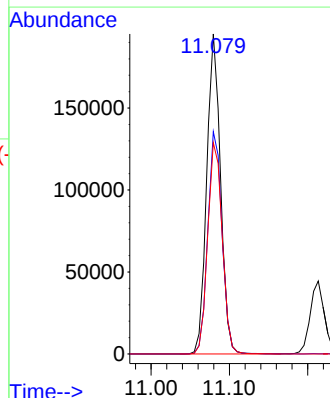
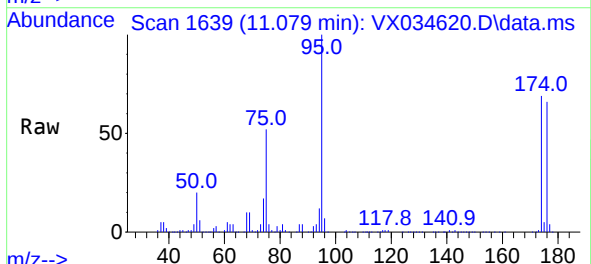
APPROVED

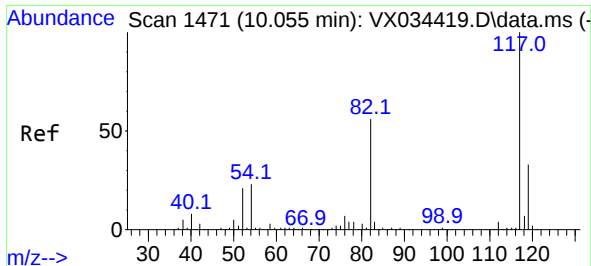
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#62
4-Bromofluorobenzene
Concen: 45.778 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

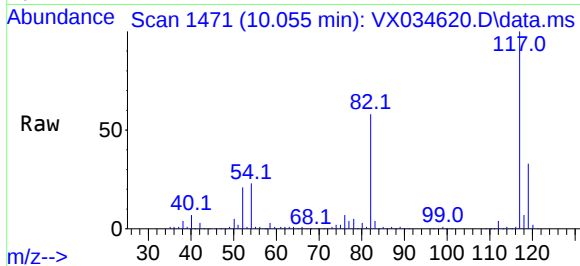
Tgt Ion: 95 Resp: 238018
Ion Ratio Lower Upper
95 100
174 71.6 0.0 147.4
176 69.5 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

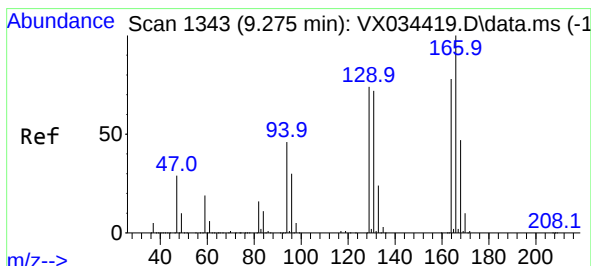
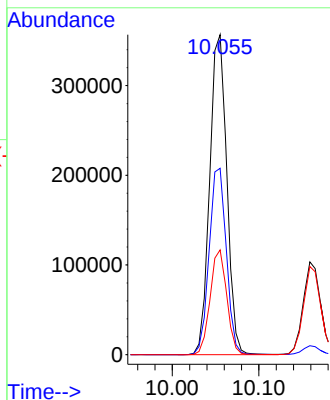
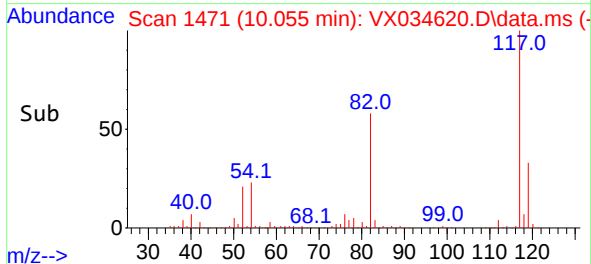
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



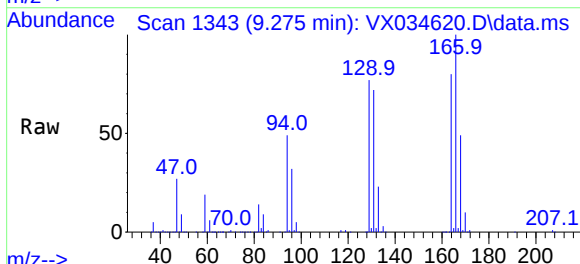
Tgt Ion:117 Resp: 489188
Ion Ratio Lower Upper
117 100
82 58.3 45.0 67.4
119 32.7 26.0 39.0

Manual Integrations
APPROVED

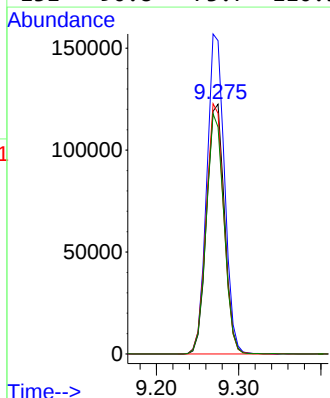
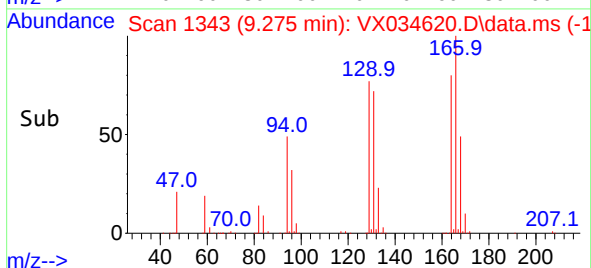
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

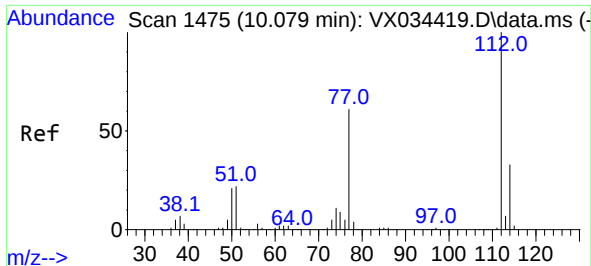


#64
Tetrachloroethene
Concen: 56.056 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05



Tgt Ion:164 Resp: 184204
Ion Ratio Lower Upper
164 100
166 125.4 102.7 154.1
129 96.3 75.6 113.4
131 90.8 73.7 110.5





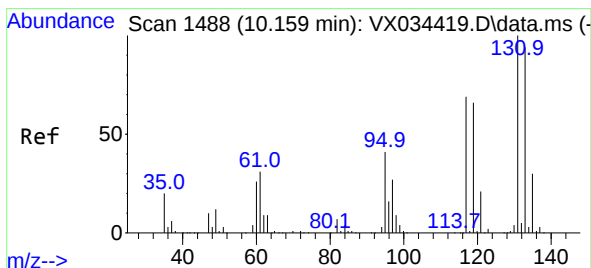
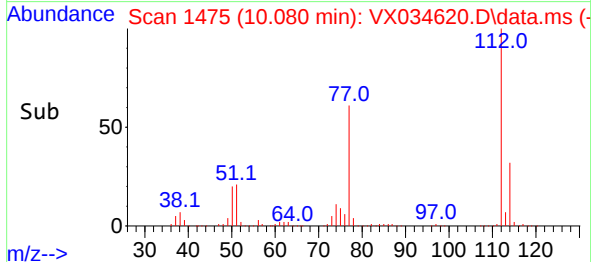
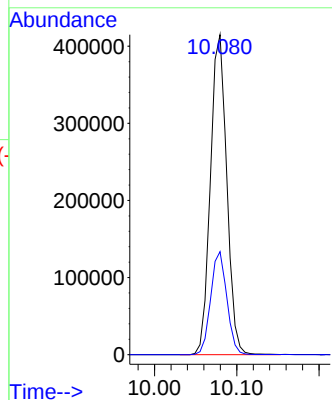
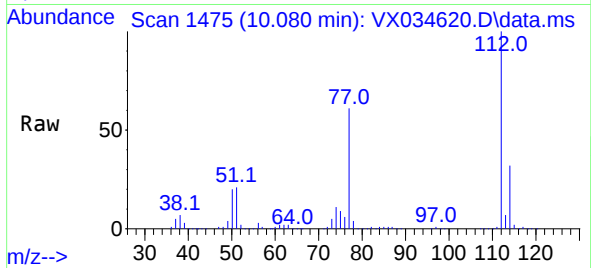
#65
Chlorobenzene
Concen: 53.401 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 573160
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.2

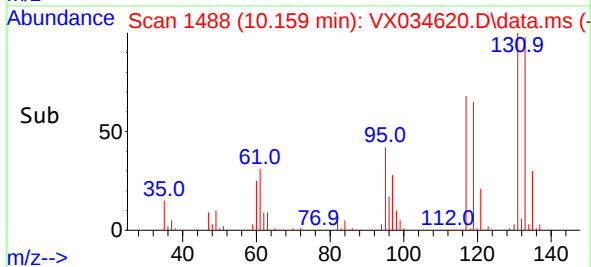
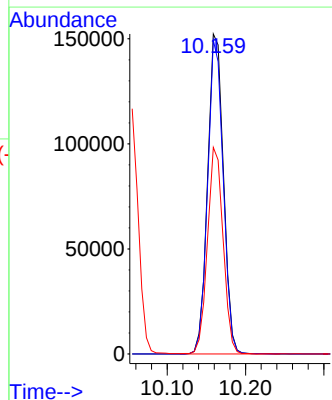
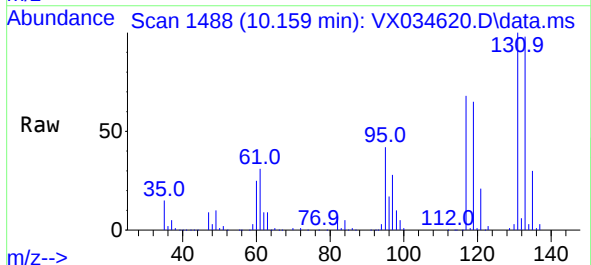
Manual Integrations
APPROVED

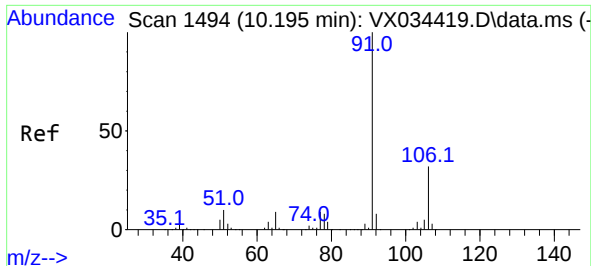
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 54.669 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

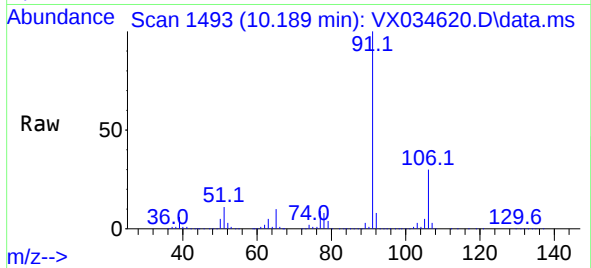
Tgt Ion:131 Resp: 213710
Ion Ratio Lower Upper
131 100
133 96.0 47.1 141.4
119 63.7 32.6 98.0





#67
Ethyl Benzene
Concen: 55.209 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

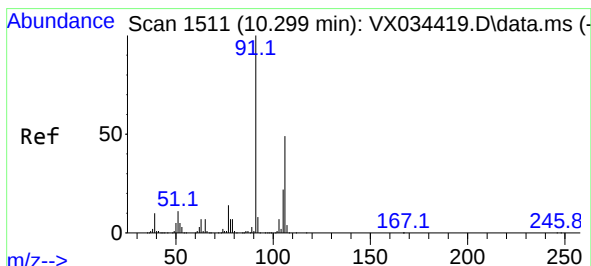
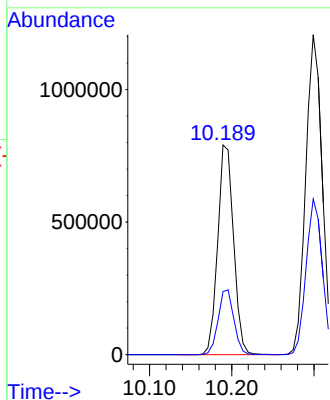
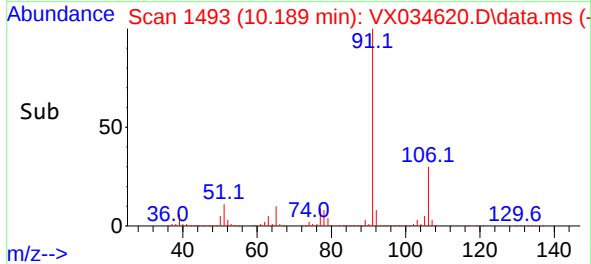
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



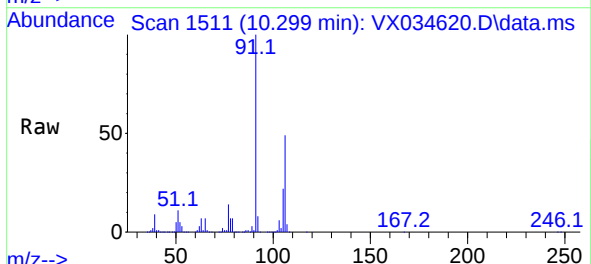
Tgt Ion: 91 Resp: 106082
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4

Manual Integrations
APPROVED

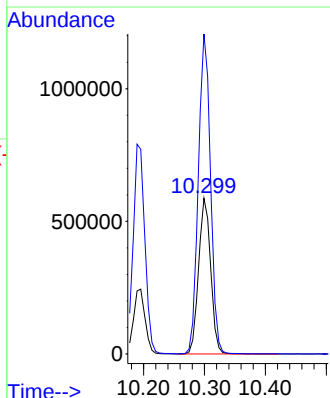
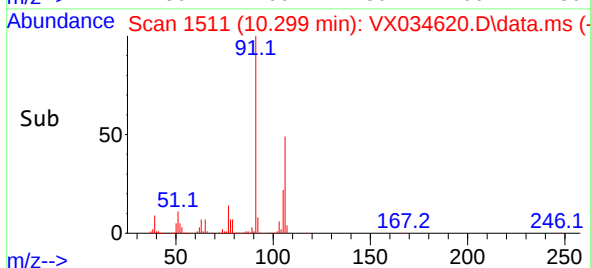
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

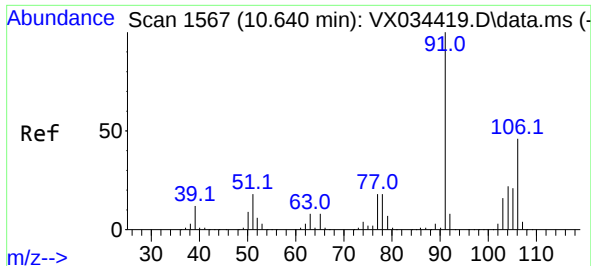


#68
m/p-Xylenes
Concen: 109.474 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05



Tgt Ion:106 Resp: 808050
Ion Ratio Lower Upper
106 100
91 207.3 164.0 246.0





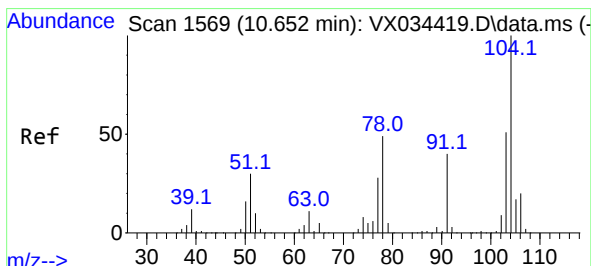
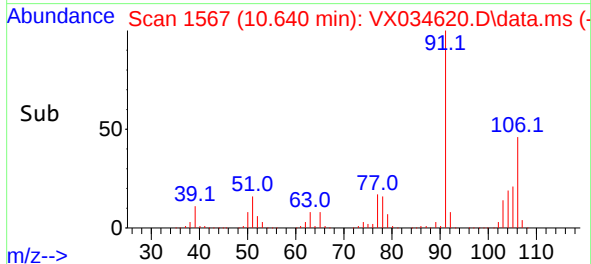
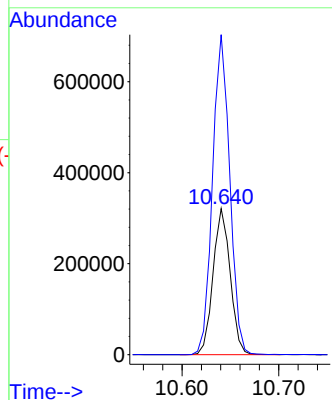
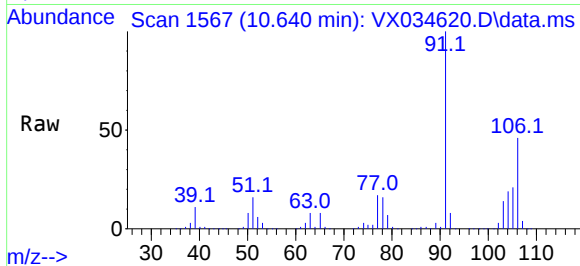
#69
o-Xylene
Concen: 53.377 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 395383
Ion Ratio Lower Upper
106 100
91 220.6 108.5 325.3

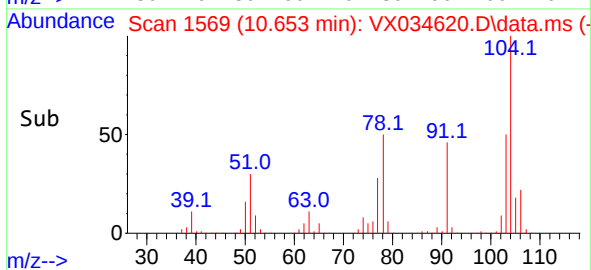
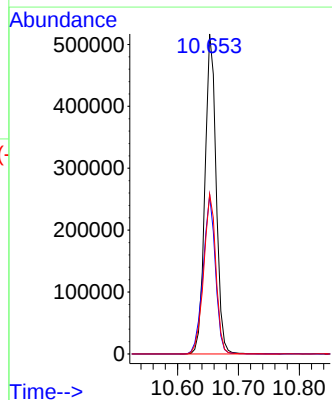
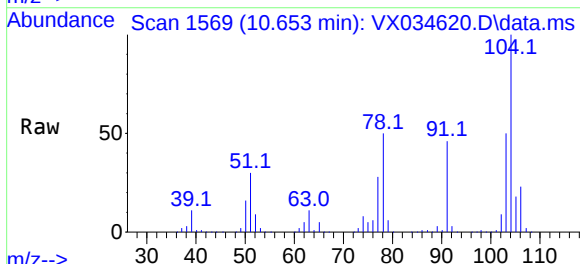
Manual Integrations
APPROVED

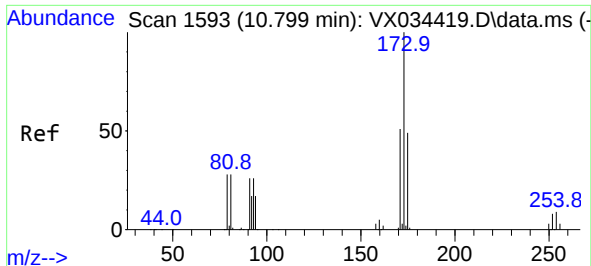
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#70
Styrene
Concen: 55.457 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

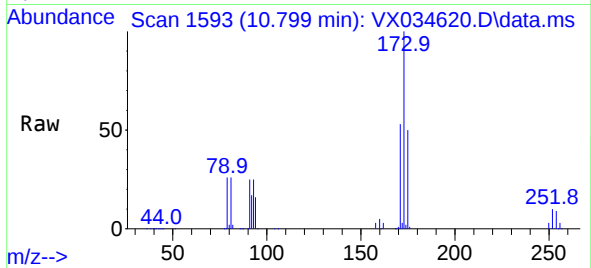
Tgt Ion:104 Resp: 662763
Ion Ratio Lower Upper
104 100
78 54.3 43.4 65.2
103 54.5 44.2 66.2





#71
Bromoform
Concen: 53.128 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

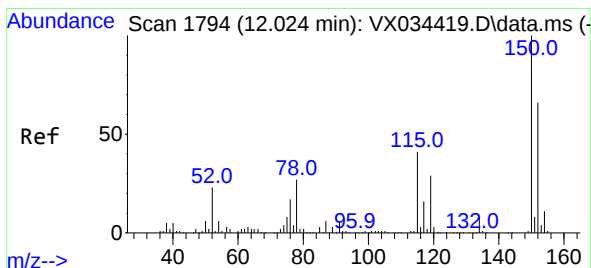
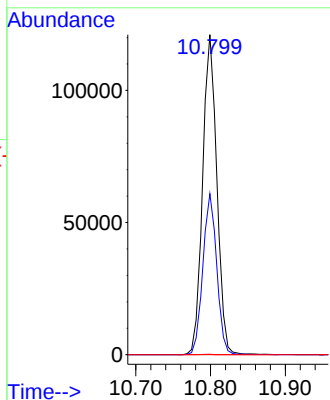
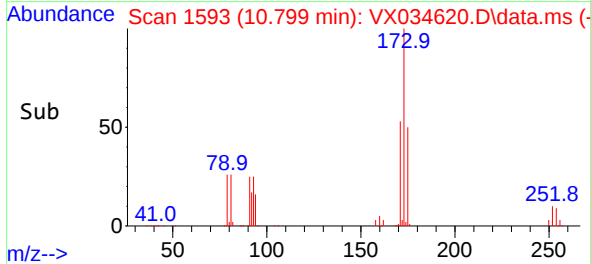
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



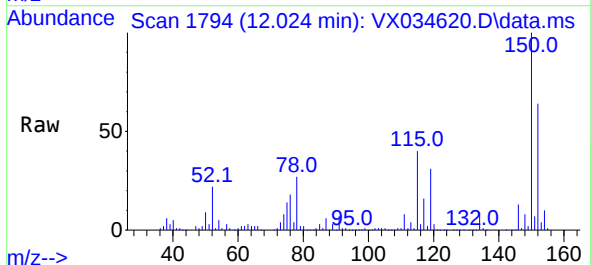
Tgt Ion:173 Resp: 159860
Ion Ratio Lower Upper
173 100
175 49.1 24.1 72.4
254 0.1 0.1 0.1

Manual Integrations
APPROVED

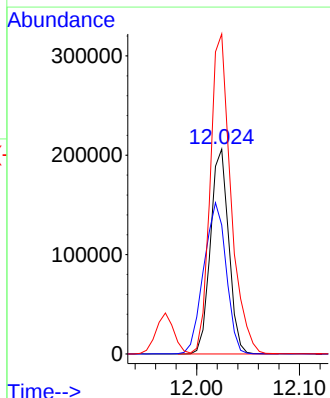
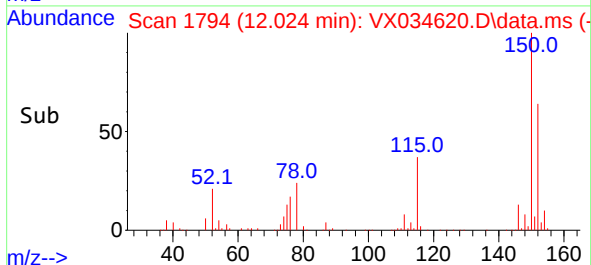
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

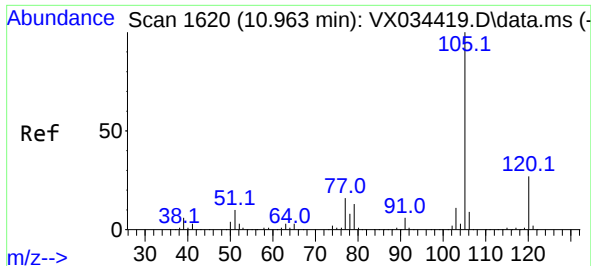


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05



Tgt Ion:152 Resp: 254415
Ion Ratio Lower Upper
152 100
115 91.3 45.0 135.0
150 177.0 0.0 352.4





#73
Isopropylbenzene
Concen: 53.495 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

Instrument :

MSVOA_X

ClientSampleId :

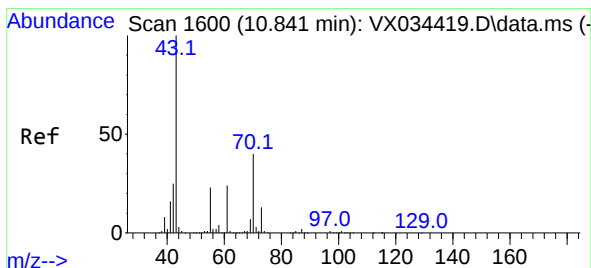
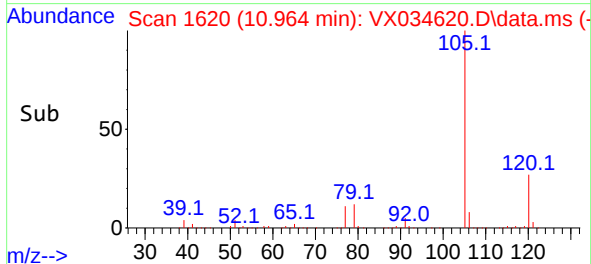
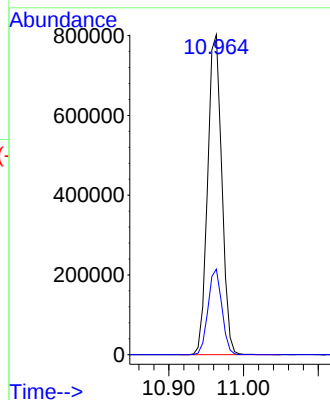
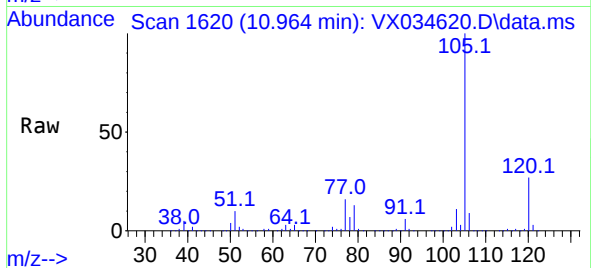
VSTDCCC050

Tgt Ion:105 Resp: 105187
Ion Ratio Lower Upper
105 100
120 26.1 13.3 39.9

Manual Integrations

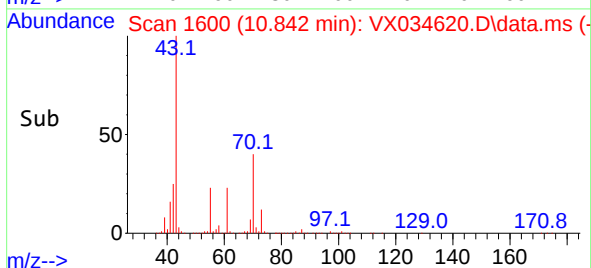
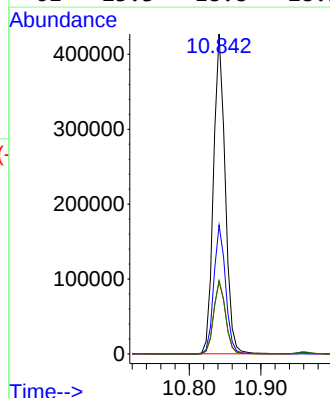
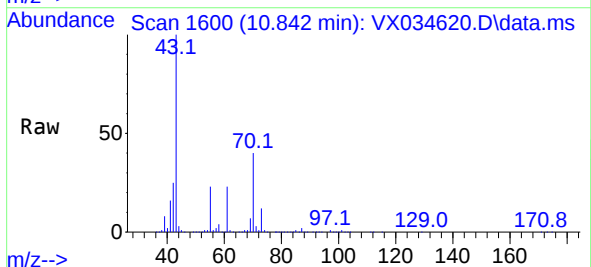
APPROVED

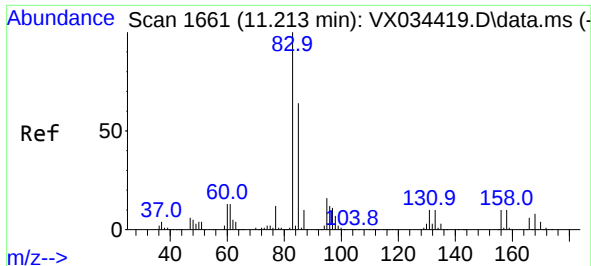
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#74
N-ethyl acetate
Concen: 51.495 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

Tgt Ion: 43 Resp: 484986
Ion Ratio Lower Upper
43 100
70 40.6 32.1 48.1
55 23.0 18.3 27.5
61 23.3 18.8 28.2





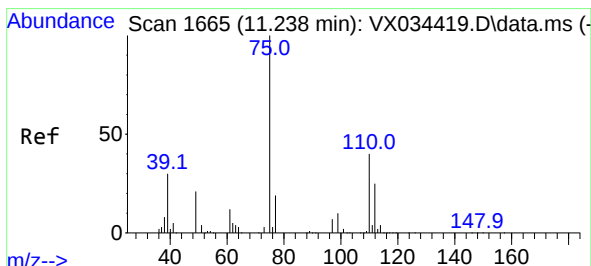
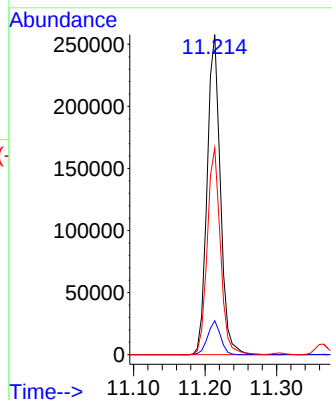
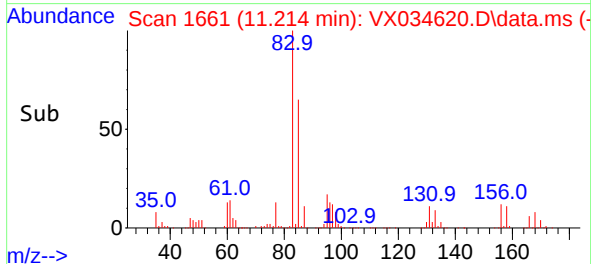
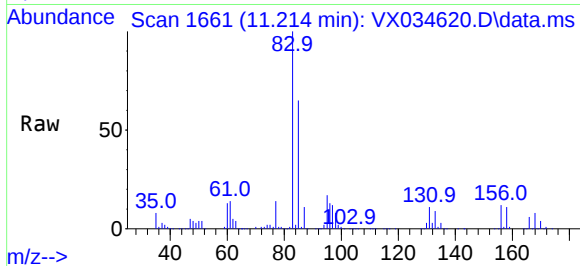
#75
1,1,2,2-Tetrachloroethane
Concen: 50.551 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 33169
Ion Ratio Lower Upper
83 100
131 10.3 4.8 14.3
85 64.4 32.0 96.0

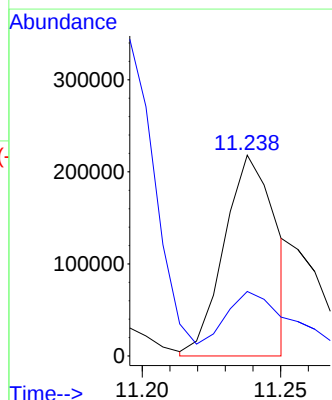
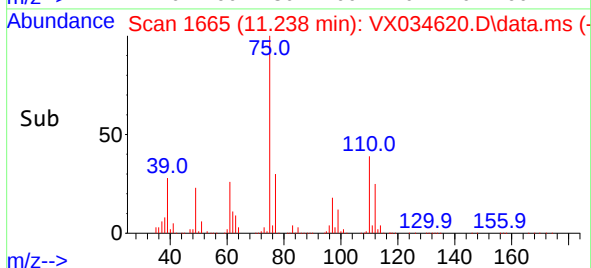
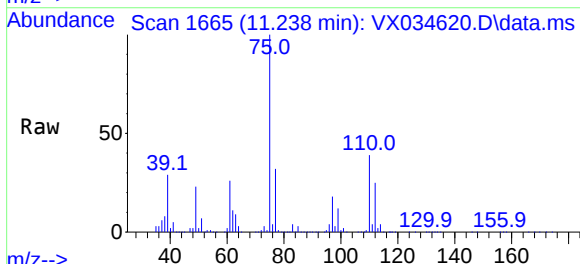
Manual Integrations
APPROVED

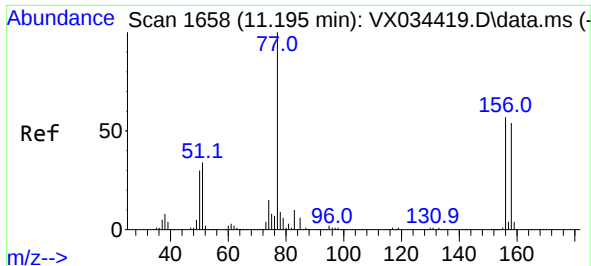
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#76
1,2,3-Trichloropropane
Concen: 48.258 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

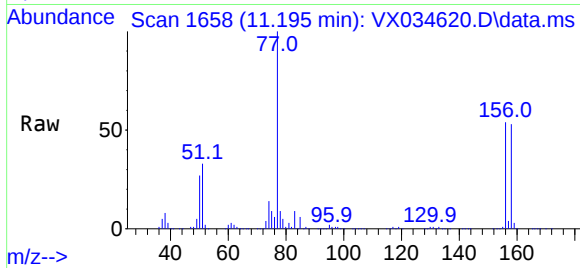
Tgt Ion: 75 Resp: 281907
Ion Ratio Lower Upper
75 100
77 43.8 21.6 64.8





#77
Bromobenzene
Concen: 52.319 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

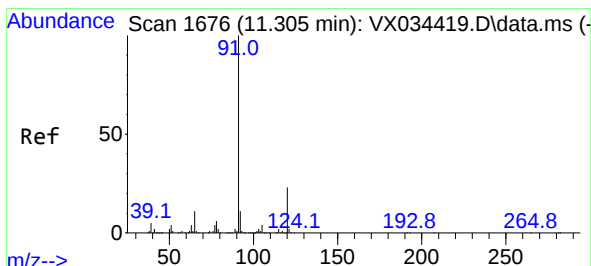
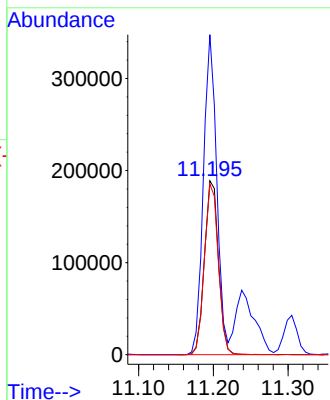
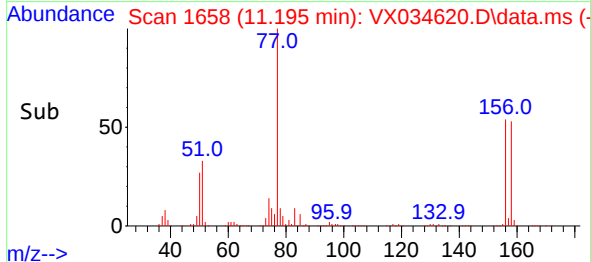
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



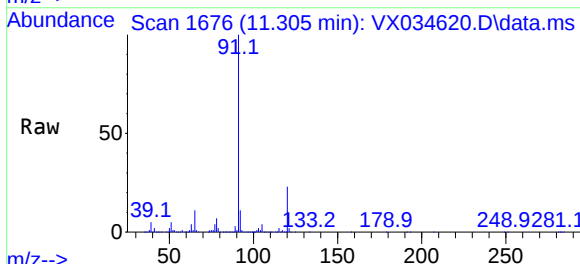
Tgt Ion:156 Resp: 24682
Ion Ratio Lower Upper
156 100
77 174.3 86.7 259.9
158 97.1 48.0 144.0

Manual Integrations
APPROVED

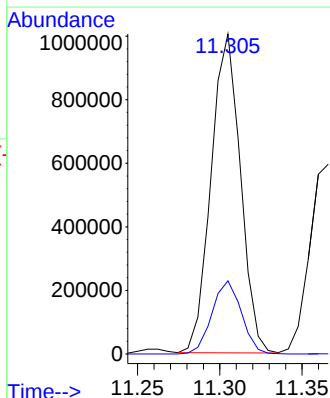
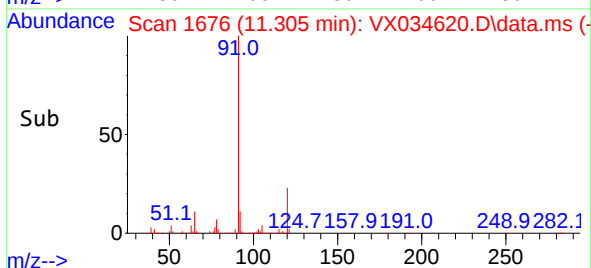
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

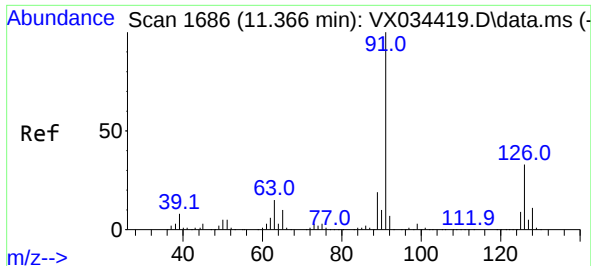


#78
n-propylbenzene
Concen: 54.832 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05



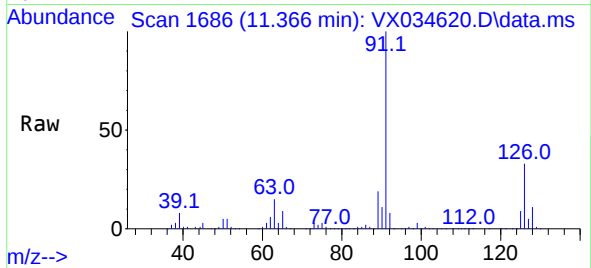
Tgt Ion: 91 Resp: 1245163
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.5





#79
2-Chlorotoluene
Concen: 53.588 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

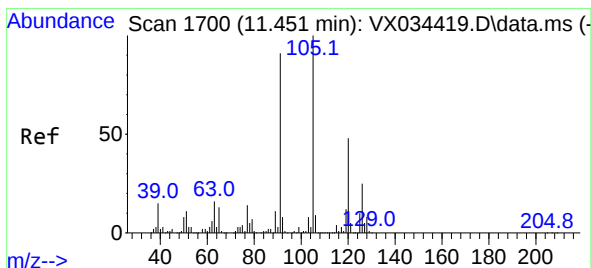
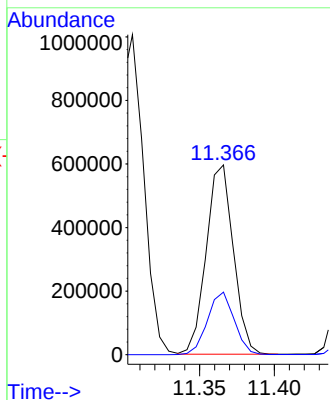
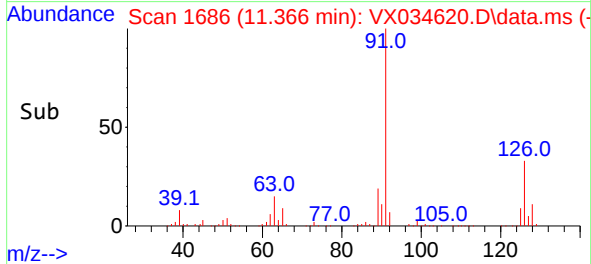
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



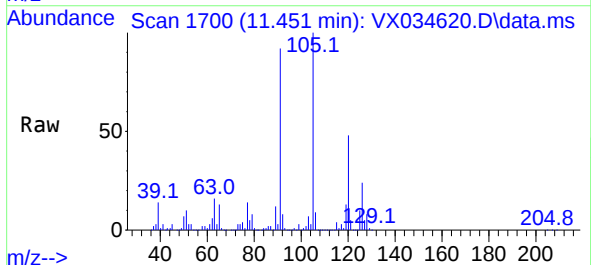
Tgt Ion: 91 Resp: 75156
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.9

Manual Integrations
APPROVED

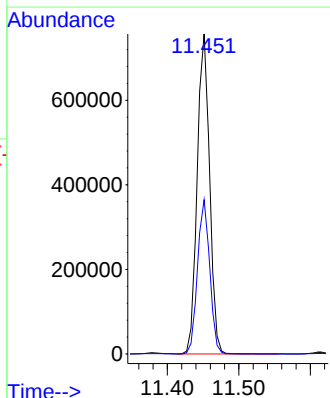
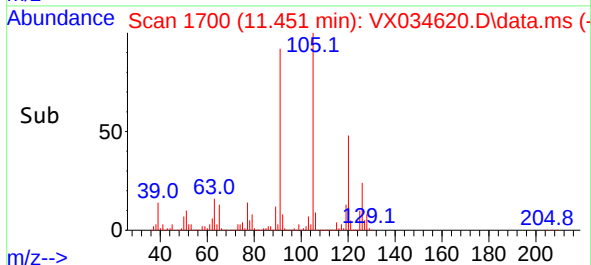
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

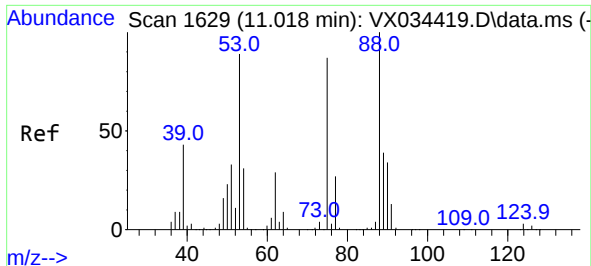


#80
1,3,5-Trimethylbenzene
Concen: 55.074 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05



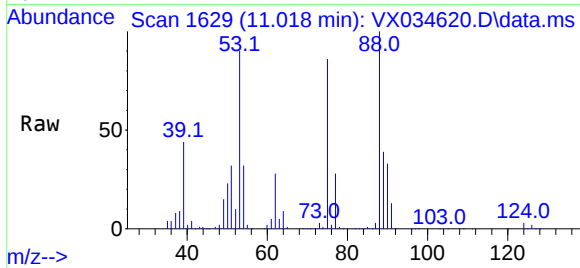
Tgt Ion:105 Resp: 908320
Ion Ratio Lower Upper
105 100
120 47.5 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 49.894 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

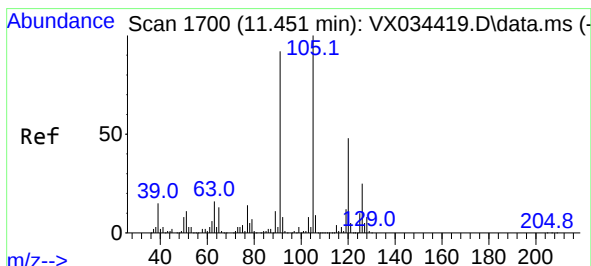
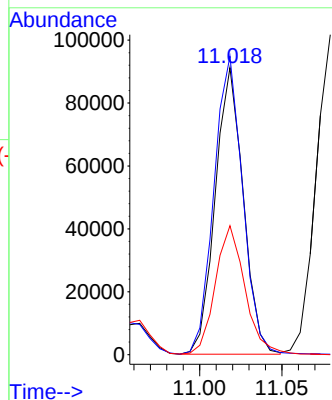
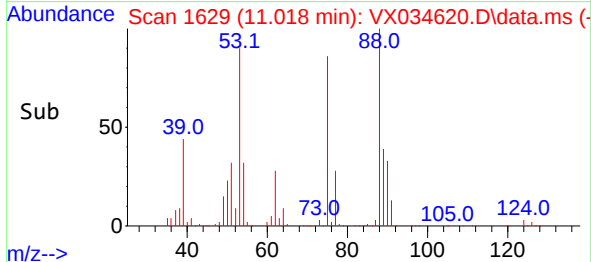
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



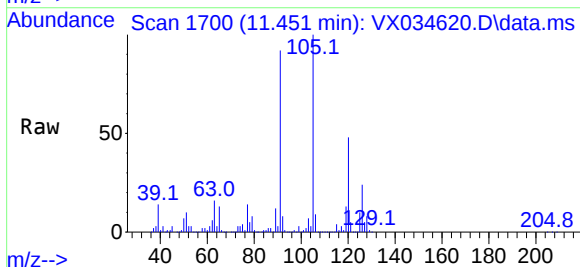
Tgt Ion: 75 Resp: 10773
Ion Ratio Lower Upper
75 100
53 106.8 82.6 124.0
89 47.9 36.9 55.3

Manual Integrations
APPROVED

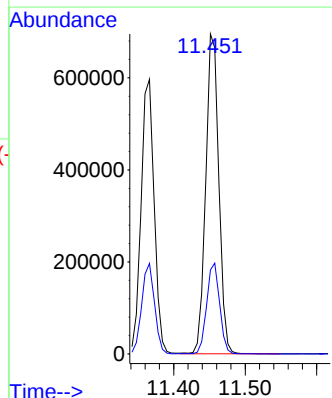
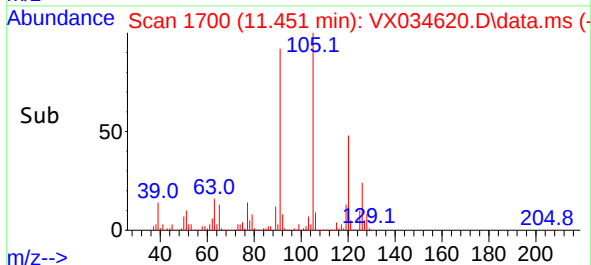
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

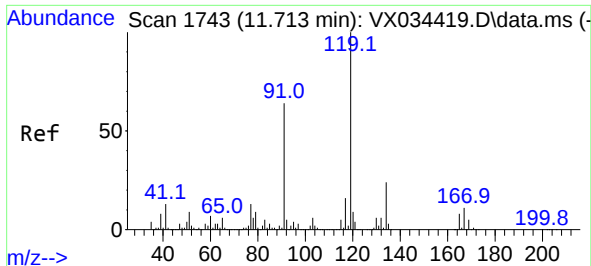


#82
4-Chlorotoluene
Concen: 54.756 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05



Tgt Ion: 91 Resp: 884554
Ion Ratio Lower Upper
91 100
126 28.1 14.2 42.6





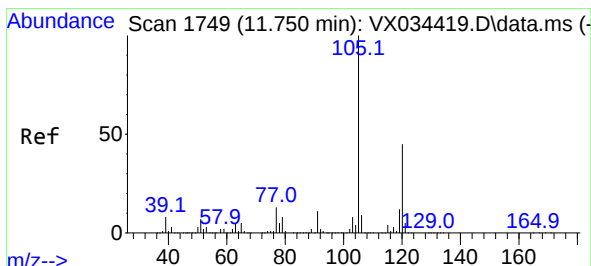
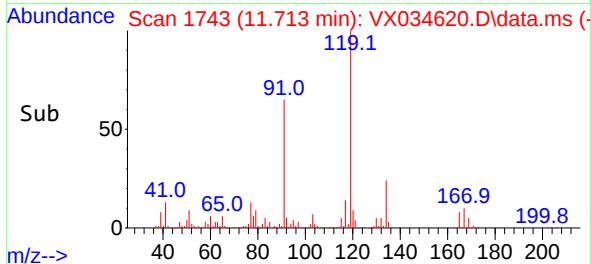
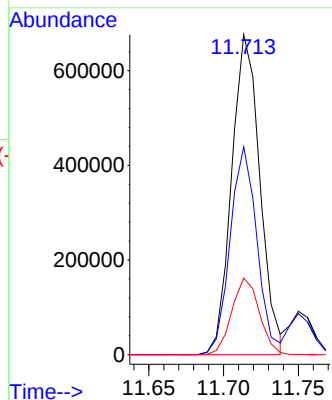
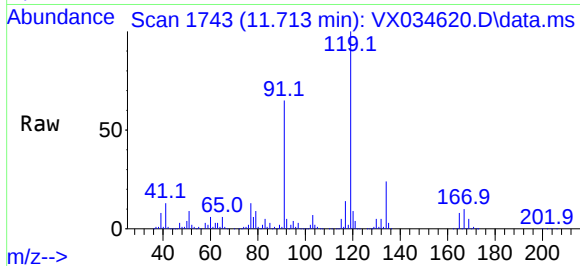
#83
tert-Butylbenzene
Concen: 53.519 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 889969
Ion Ratio Lower Upper
119 100
91 61.7 30.6 92.0
134 23.3 11.8 35.4

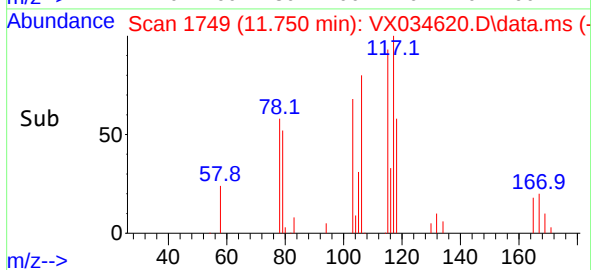
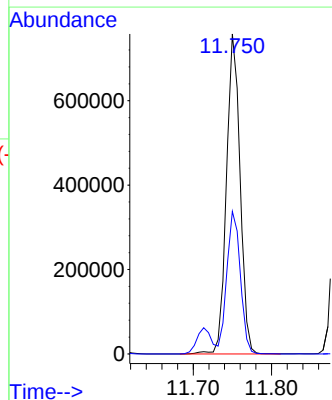
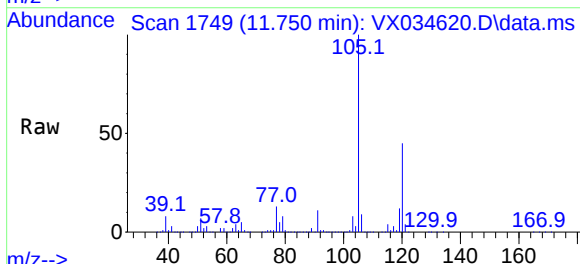
Manual Integrations
APPROVED

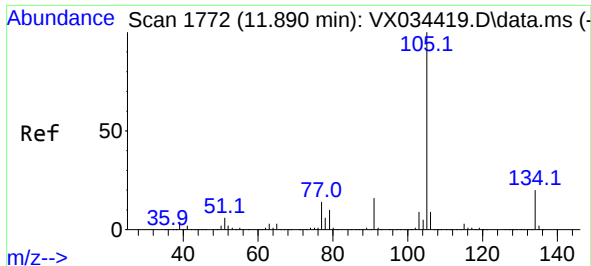
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#84
1,2,4-Trimethylbenzene
Concen: 54.456 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

Tgt Ion:105 Resp: 917897
Ion Ratio Lower Upper
105 100
120 44.1 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 54.916 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034620.D
 Acq: 20 Mar 2023 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

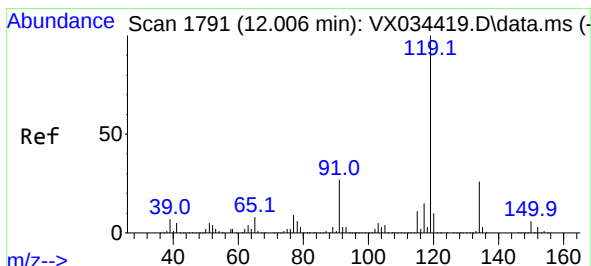
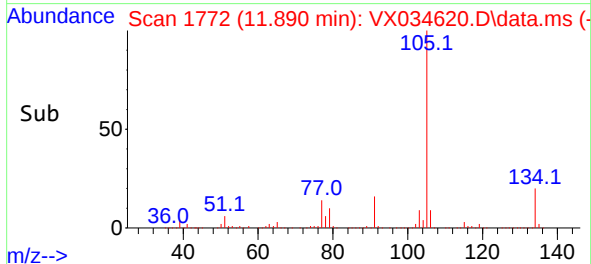
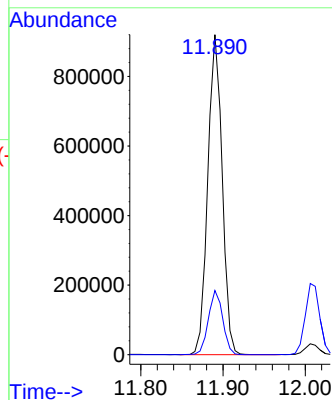
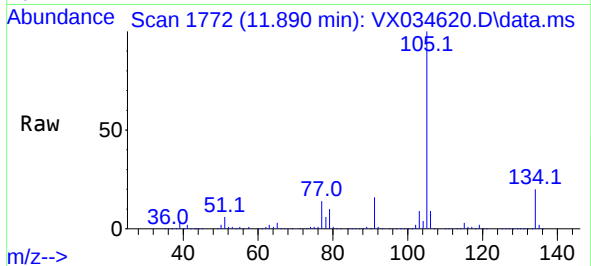
Tgt Ion:105 Resp: 111640
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4

Manual Integrations

APPROVED

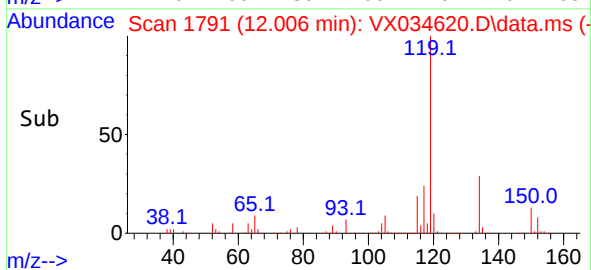
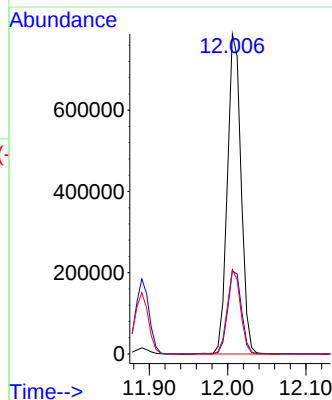
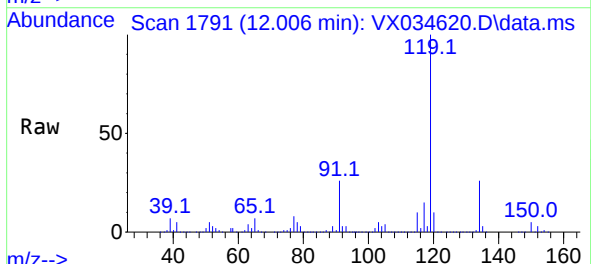
Reviewed By :John Carlone 03/21/2023

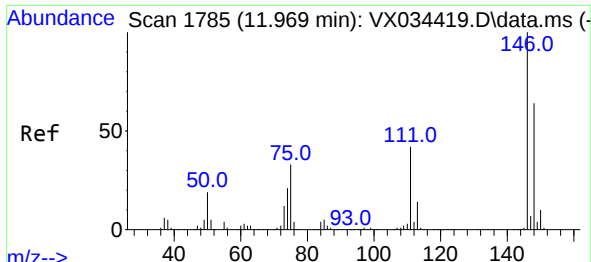
Supervised By :Mahesh Dadoda 03/21/2023



#86
 p-Isopropyltoluene
 Concen: 55.914 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034620.D
 Acq: 20 Mar 2023 12:05

Tgt Ion:119 Resp: 955327
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 25.5 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 52.395 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034620.D

Acq: 20 Mar 2023 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 48431

Ion Ratio Lower Upper

146 100

111 43.0 20.9 62.8

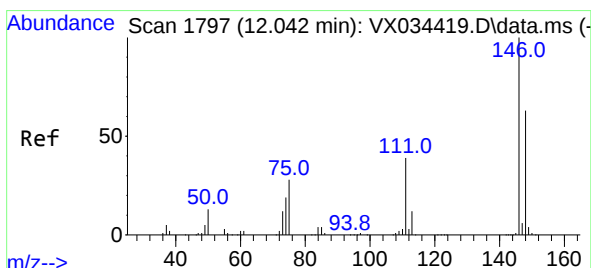
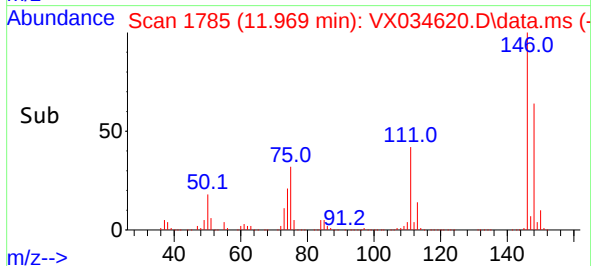
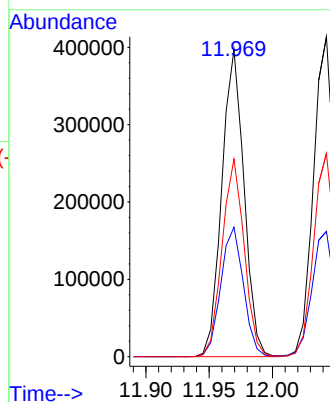
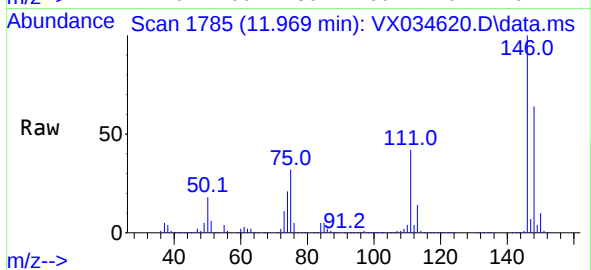
148 64.0 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#88

1,4-Dichlorobenzene

Concen: 52.633 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034620.D

Acq: 20 Mar 2023 12:05

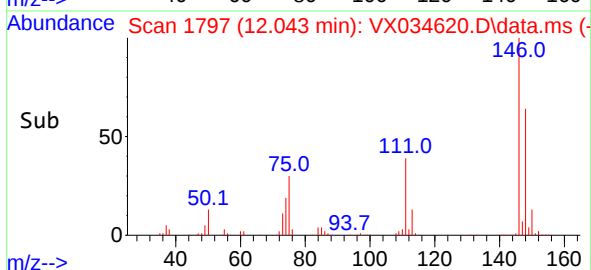
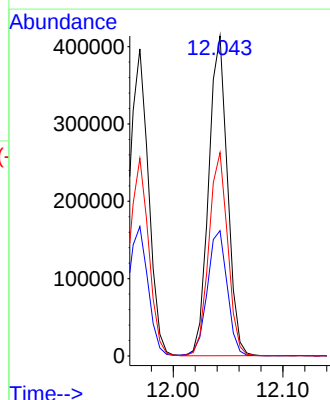
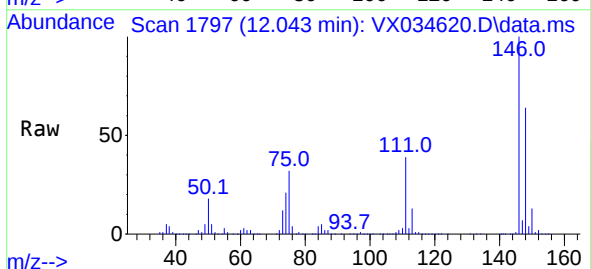
Tgt Ion:146 Resp: 491935

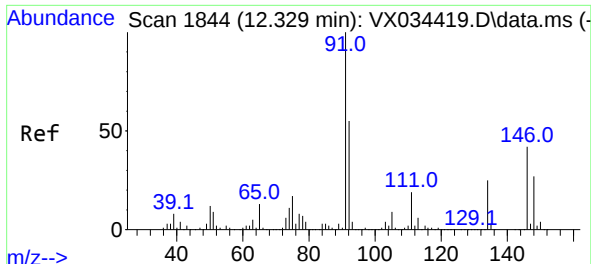
Ion Ratio Lower Upper

146 100

111 41.4 20.6 61.9

148 64.1 31.8 95.4





#89

n-Butylbenzene

Concen: 56.476 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX034620.D

Acq: 20 Mar 2023 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 85781

Ion Ratio Lower Upper

91 100

92 54.6 27.7 83.0

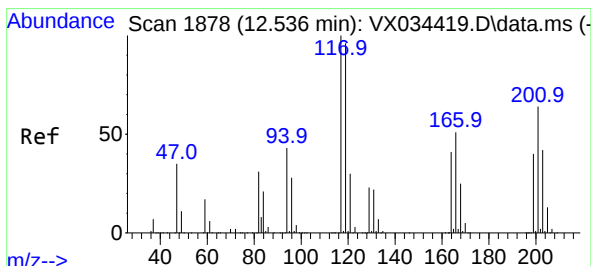
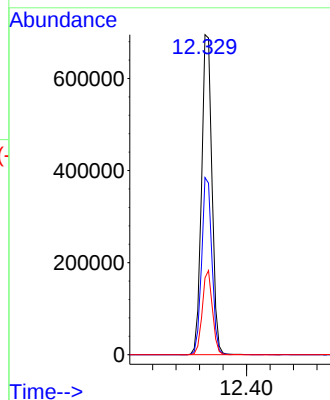
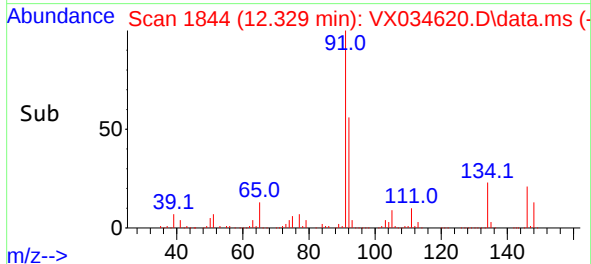
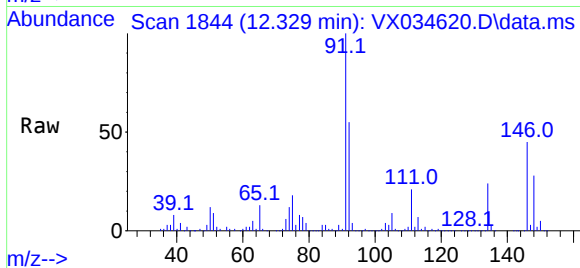
134 25.4 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#90

Hexachloroethane

Concen: 52.870 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX034620.D

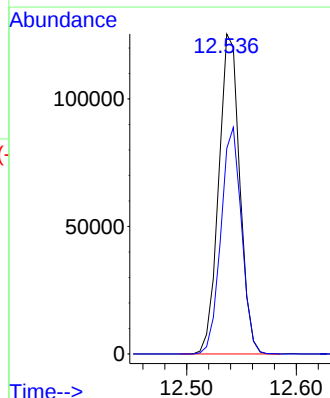
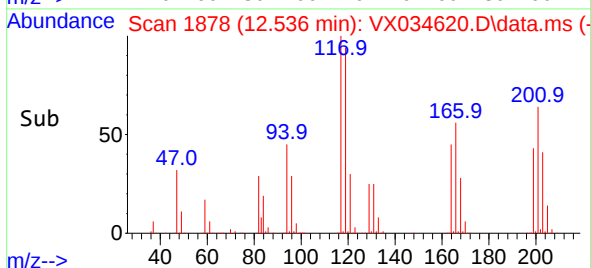
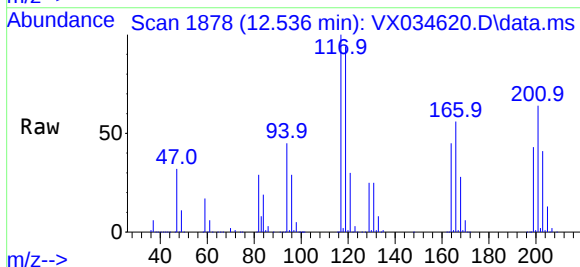
Acq: 20 Mar 2023 12:05

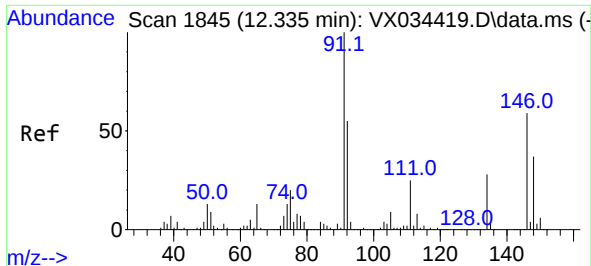
Tgt Ion:117 Resp: 167150

Ion Ratio Lower Upper

117 100

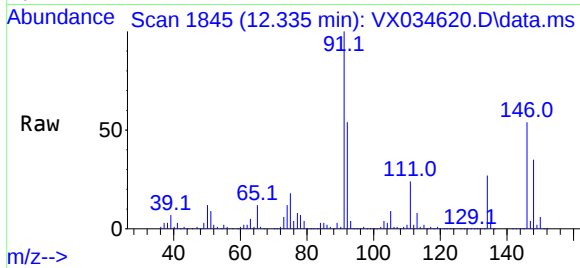
201 69.6 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 53.154 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

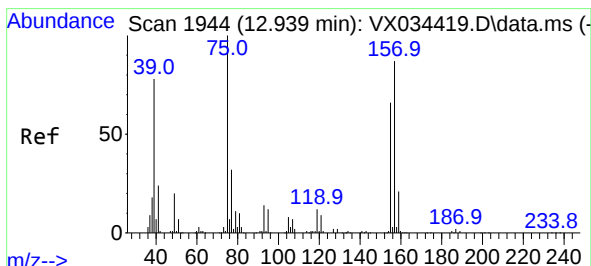
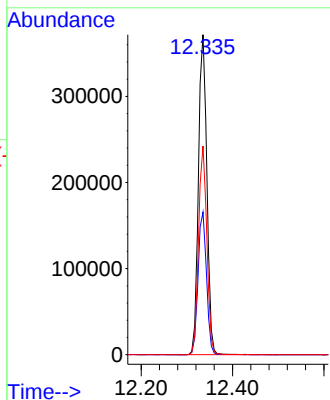
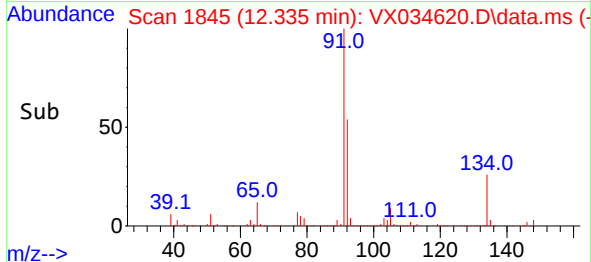
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



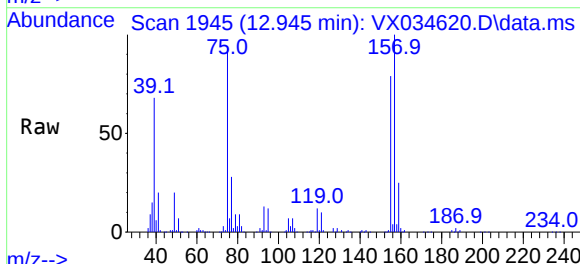
Tgt Ion:146 Resp: 474818
Ion Ratio Lower Upper
146 100
111 44.5 22.0 66.0
148 64.0 32.0 96.0

Manual Integrations
APPROVED

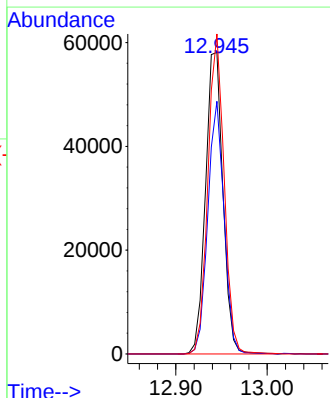
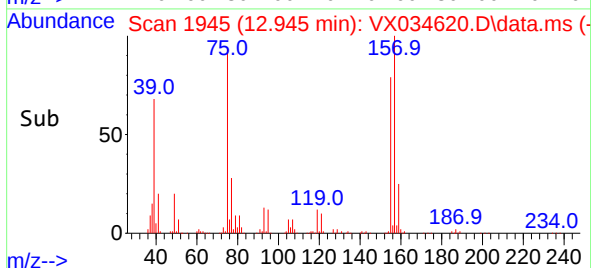
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

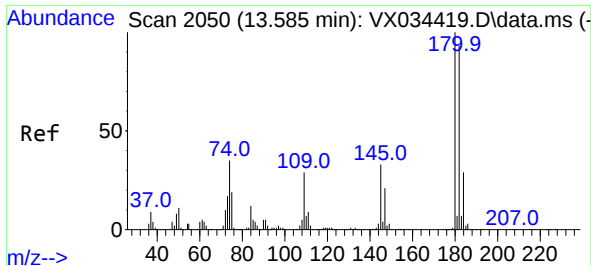


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.505 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05



Tgt Ion: 75 Resp: 76782
Ion Ratio Lower Upper
75 100
155 78.3 38.4 115.1
157 98.8 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 54.166 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

Instrument :

MSVOA_X

ClientSampleId :

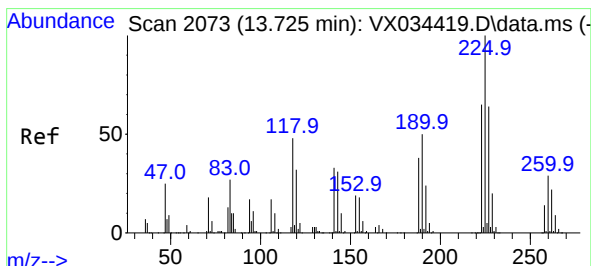
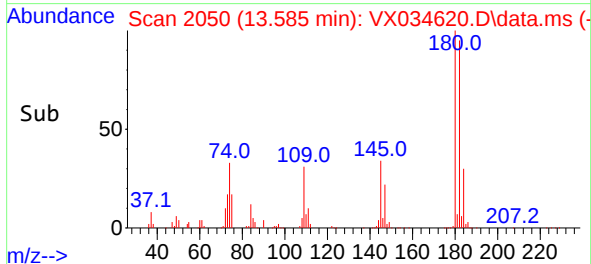
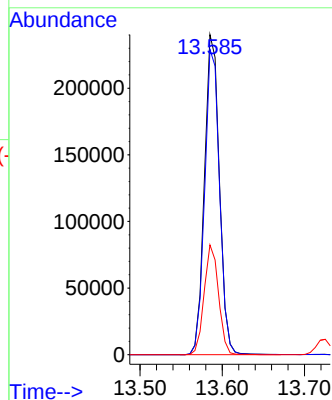
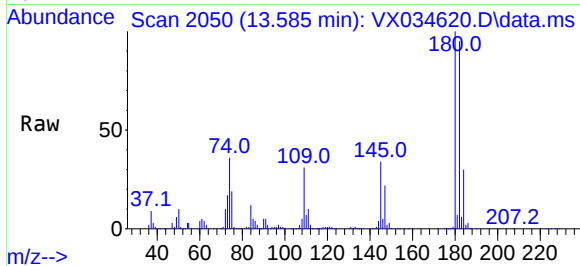
VSTDCCC050

Tgt Ion:180 Resp: 302584
Ion Ratio Lower Upper
180 100
182 95.3 47.0 141.0
145 33.2 15.9 47.7

Manual Integrations

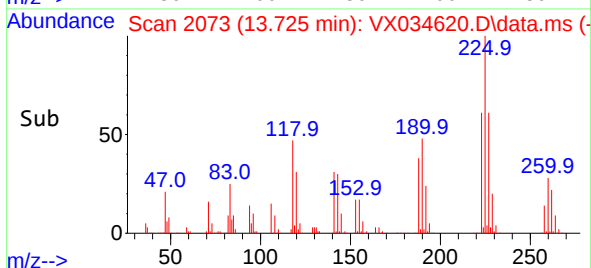
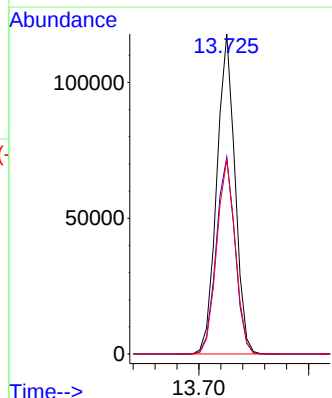
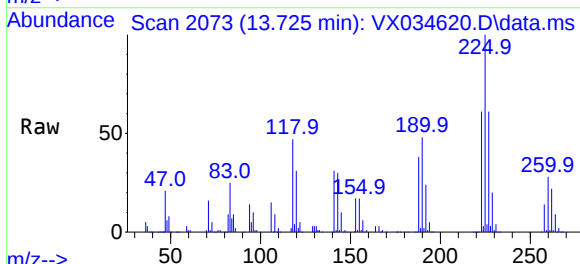
APPROVED

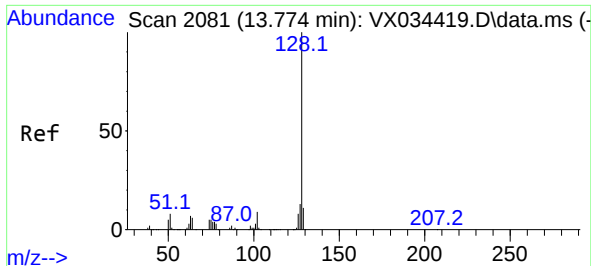
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#94
Hexachlorobutadiene
Concen: 60.333 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

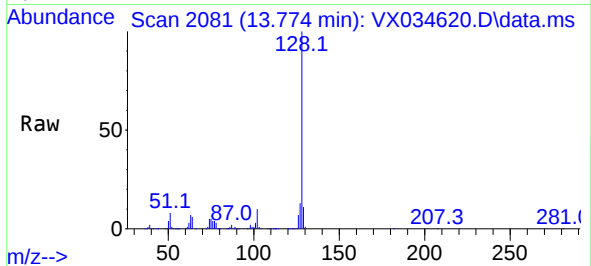
Tgt Ion:225 Resp: 135778
Ion Ratio Lower Upper
225 100
223 63.3 32.1 96.5
227 62.0 31.8 95.4





#95
Naphthalene
Concen: 52.869 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05

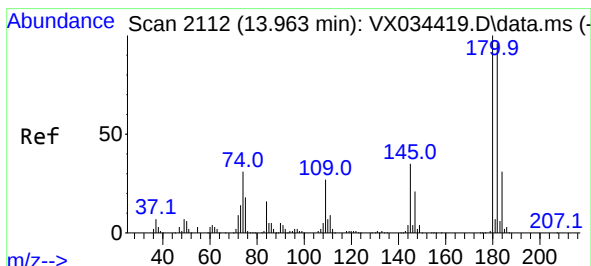
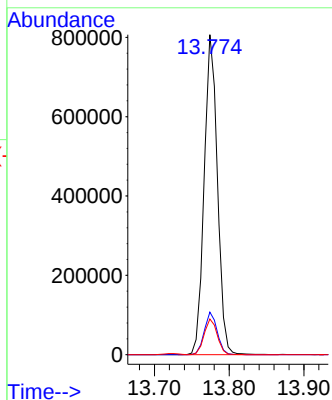
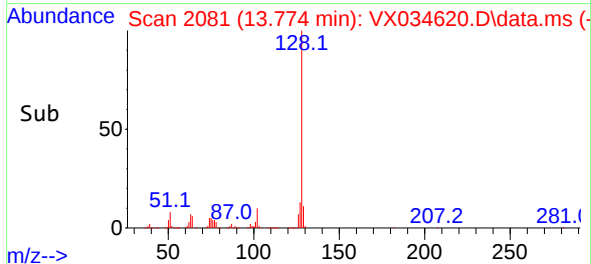
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



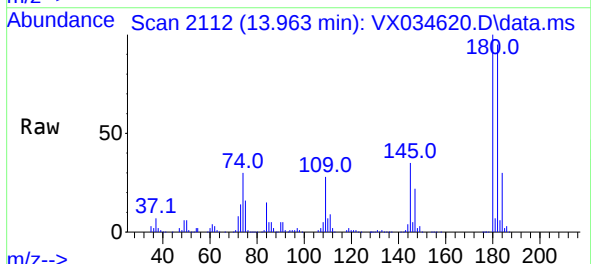
Tgt Ion:128 Resp: 990364
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 54.472 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034620.D
Acq: 20 Mar 2023 12:05



Tgt Ion:180 Resp: 297447
Ion Ratio Lower Upper
180 100
182 93.6 48.0 144.2
145 35.5 17.7 53.1

