

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031723\
 Data File : VX034574.D
 Acq On : 17 Mar 2023 11:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 19 23:55:56 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	286039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	474918	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	432625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	246519	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	232740	55.930	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 111.860%	
35) Dibromofluoromethane	5.379	113	169440	54.037	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.080%	
50) Toluene-d8	8.647	98	626532	53.524	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.040%	
62) 4-Bromofluorobenzene	11.079	95	261497	55.307	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.620%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	168173	63.066	ug/l	99
3) Chloromethane	1.301	50	209788	51.988	ug/l	99
4) Vinyl Chloride	1.374	62	200961	55.347	ug/l	98
5) Bromomethane	1.599	94	104374	56.973	ug/l	100
6) Chloroethane	1.679	64	126094	60.315	ug/l	99
7) Trichlorofluoromethane	1.880	101	322975	59.198	ug/l	100
8) Diethyl Ether	2.130	74	112142	56.307	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	177949	55.967	ug/l	99
10) Methyl Iodide	2.447	142	233437	55.921	ug/l	96
11) Tert butyl alcohol	2.959	59	203988	235.400	ug/l	98
12) 1,1-Dichloroethene	2.313	96	163550	52.230	ug/l	92
13) Acrolein	2.233	56	242854	354.257	ug/l	99
14) Allyl chloride	2.660	41	328998	51.824	ug/l	97
15) Acrylonitrile	3.056	53	503801	269.136	ug/l	99
16) Acetone	2.373	43	431852	220.313	ug/l	98
17) Carbon Disulfide	2.508	76	428848	48.665	ug/l	99
18) Methyl Acetate	2.697	43	366435	57.212	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	611150	54.510	ug/l	98
20) Methylene Chloride	2.788	84	191123	50.239	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	178370	53.637	ug/l	96
22) Diisopropyl ether	3.757	45	656400	54.230	ug/l	93
23) Vinyl Acetate	3.715	43	2510674	272.548	ug/l	99
24) 1,1-Dichloroethane	3.605	63	351694	54.053	ug/l	99
25) 2-Butanone	4.550	43	721819	257.357	ug/l	98
26) 2,2-Dichloropropane	4.465	77	311862	55.141	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	211656	52.871	ug/l	97
28) Bromochloromethane	4.891	49	158812	52.494	ug/l	99
29) Tetrahydrofuran	4.995	42	469936	271.531	ug/l	100
30) Chloroform	5.086	83	362163	56.784	ug/l	96
31) Cyclohexane	5.464	56	326665	55.974	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	323329	57.266	ug/l	99
36) 1,1-Dichloropropene	5.690	75	273126	56.711	ug/l	99
37) Ethyl Acetate	4.708	43	289493	55.021	ug/l	99
38) Carbon Tetrachloride	5.672	117	277379	57.894	ug/l	99
39) Methylcyclohexane	7.379	83	337056	58.480	ug/l	97
40) Benzene	6.031	78	760311	53.965	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	163001	56.529	ug/l	99
42) 1,2-Dichloroethane	6.080	62	311950	60.246	ug/l	99
43) Isopropyl Acetate	6.336	43	502122	56.334	ug/l	100
44) Trichloroethene	7.123	130	198428	54.205	ug/l	97
45) 1,2-Dichloropropane	7.427	63	204156	55.496	ug/l	99
46) Dibromomethane	7.580	93	141027	56.389	ug/l	98
47) Bromodichloromethane	7.818	83	278801	57.599	ug/l	100
48) Methyl methacrylate	7.690	41	248974	58.079	ug/l	98
49) 1,4-Dioxane	7.653	88	95465	1060.254	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1471918	284.665	ug/l	99
52) Toluene	8.714	92	485853	55.700	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	319193	58.534	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	338020	57.294	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	197905	57.170	ug/l	99
56) Ethyl methacrylate	9.116	69	326503	57.445	ug/l	98
57) 1,3-Dichloropropane	9.305	76	343461	55.825	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	596076	203.498	ug/l	100
59) 2-Hexanone	9.427	43	1138222	284.767	ug/l	100
60) Dibromochloromethane	9.519	129	207681	57.203	ug/l	100
61) 1,2-Dibromoethane	9.610	107	211181	56.533	ug/l	100
64) Tetrachloroethene	9.275	164	165020	56.784	ug/l	98
65) Chlorobenzene	10.079	112	527223	55.543	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	195358	56.509	ug/l	99
67) Ethyl Benzene	10.195	91	964259	56.744	ug/l	98
68) m/p-Xylenes	10.299	106	731711	112.092	ug/l	98
69) o-Xylene	10.640	106	364563	55.651	ug/l	99
70) Styrene	10.653	104	605716	57.310	ug/l	99
71) Bromoform	10.799	173	148402	55.766	ug/l	99
73) Isopropylbenzene	10.963	105	971569	50.993	ug/l	99
74) N-amyl acetate	10.841	43	470036	51.507	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	320363	50.388	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	367557	64.935	ug/l	83
77) Bromobenzene	11.195	156	228898	50.074	ug/l	100
78) n-propylbenzene	11.305	91	1159006	52.673	ug/l	99
79) 2-Chlorotoluene	11.366	91	700513	51.547	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	834855	52.241	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	102358	48.921	ug/l	93
82) 4-Chlorotoluene	11.457	91	817061	52.198	ug/l	100
83) tert-Butylbenzene	11.713	119	908295	56.371	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	913099	55.907	ug/l	99
85) sec-Butylbenzene	11.890	105	1108256	56.261	ug/l	99
86) p-Isopropyltoluene	12.006	119	946695	57.183	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	484469	54.091	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	488127	53.898	ug/l	99
89) n-Butylbenzene	12.335	91	846214	57.496	ug/l	99
90) Hexachloroethane	12.536	117	163928	53.512	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	457000	52.798	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	78822	54.567	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	297667	54.993	ug/l	99
94) Hexachlorobutadiene	13.725	225	126927	58.206	ug/l	100
95) Naphthalene	13.774	128	995012	54.818	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	294049	55.575	ug/l	97

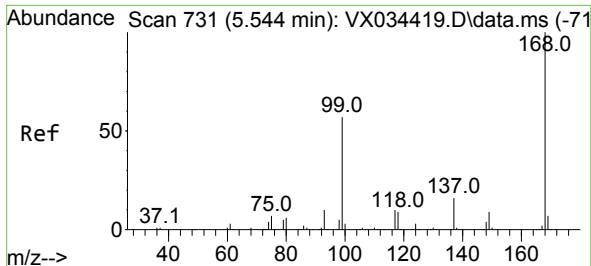
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Response via : Initial Calibration

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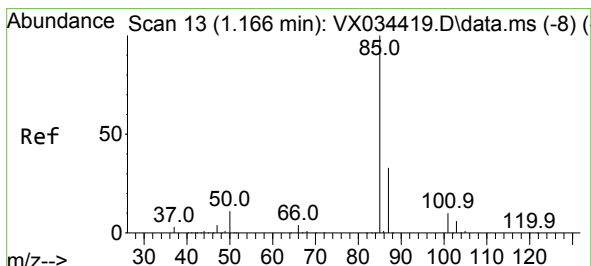
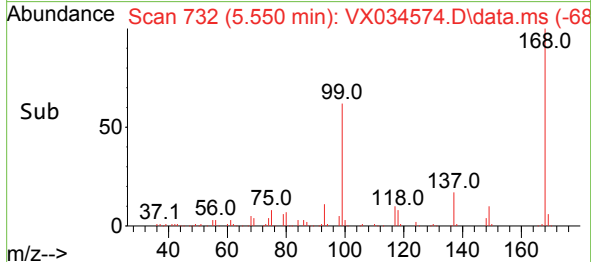
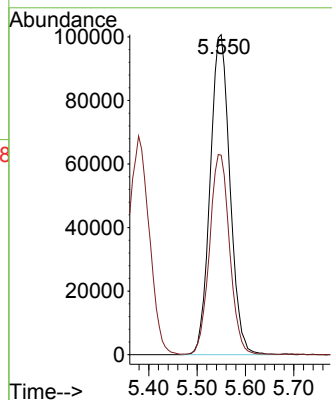
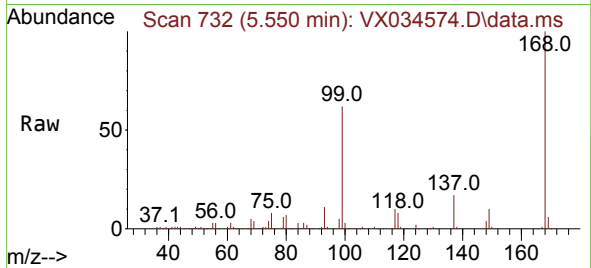
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
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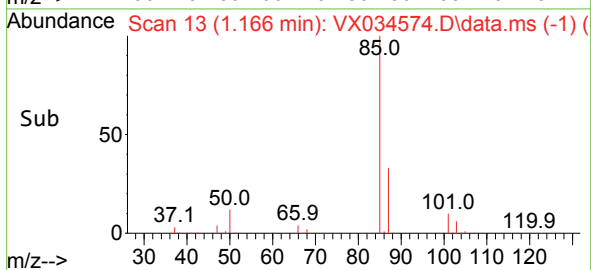
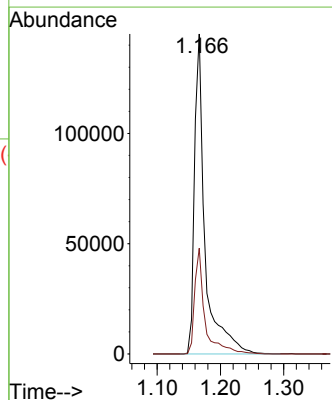
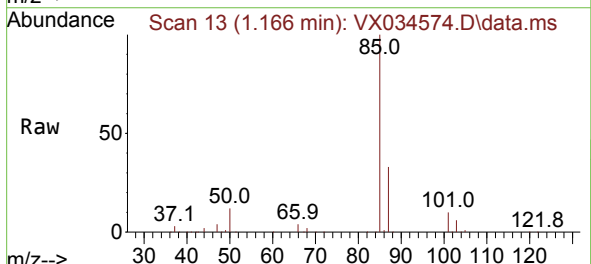
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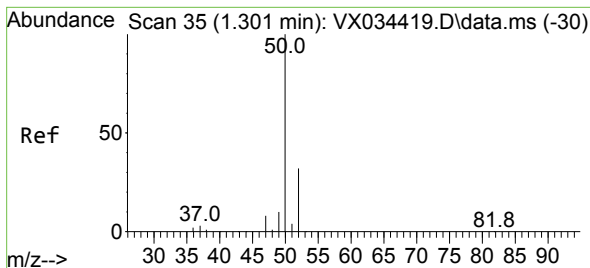
Tgt Ion:168 Resp: 286039
Ion Ratio Lower Upper
168 100
99 62.3 45.7 68.5



#2
Dichlorodifluoromethane
Concen: 63.066 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

Tgt Ion: 85 Resp: 168173
Ion Ratio Lower Upper
85 100
87 33.0 16.4 49.1





#3

Chloromethane

Concen: 51.988 ug/l

RT: 1.301 min Scan# 35

Delta R.T. -0.000 min

Lab File: VX034574.D

Acq: 17 Mar 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

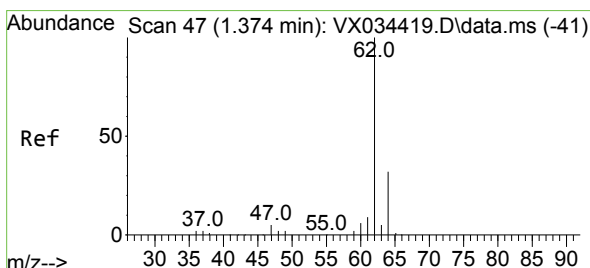
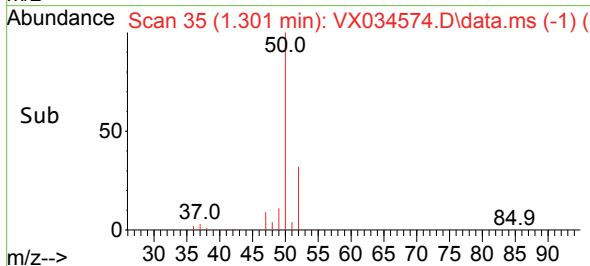
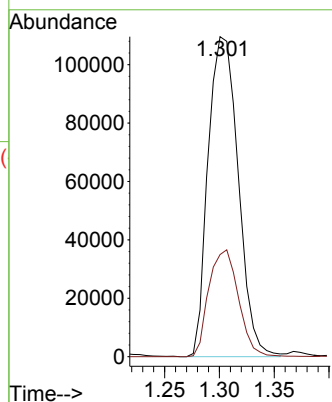
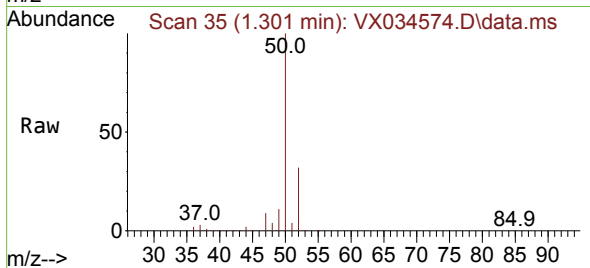
VSTDCCC050

Tgt Ion: 50 Resp: 209788

Ion Ratio Lower Upper

50 100

52 31.9 25.9 38.9



#4

Vinyl Chloride

Concen: 55.347 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX034574.D

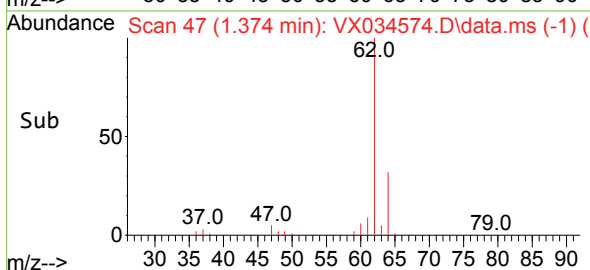
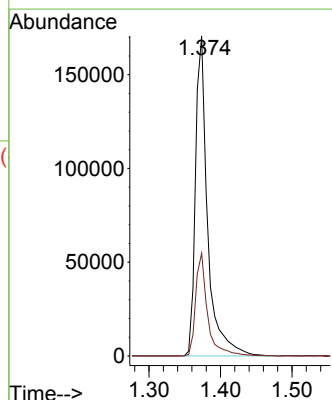
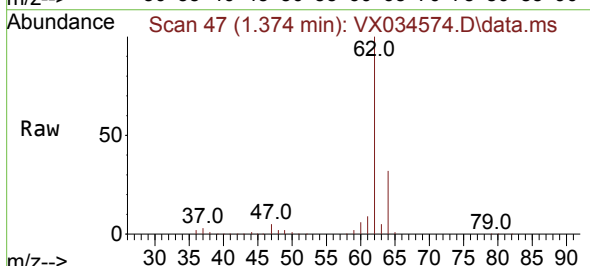
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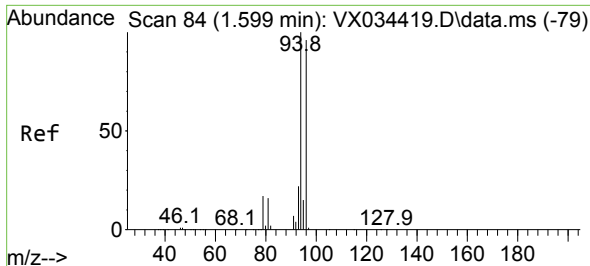
Tgt Ion: 62 Resp: 200961

Ion Ratio Lower Upper

62 100

64 32.1 26.4 39.6

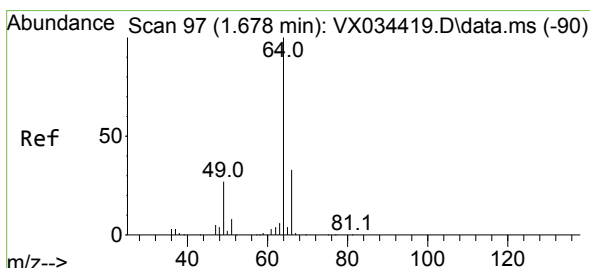
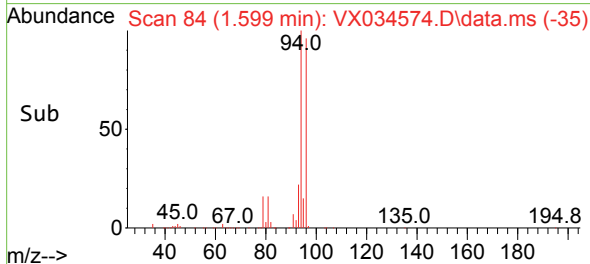
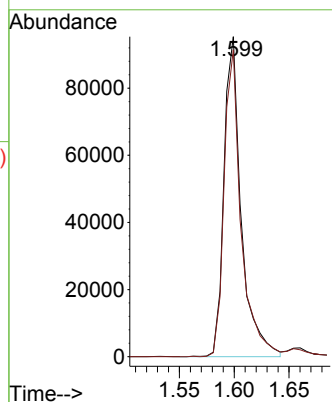
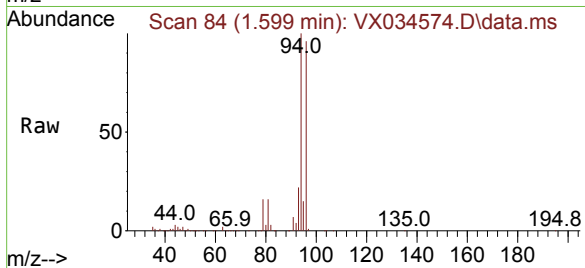




#5
Bromomethane
Concen: 56.973 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

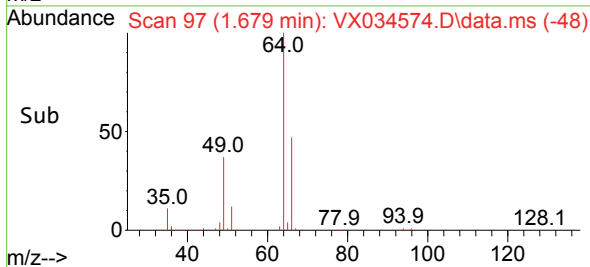
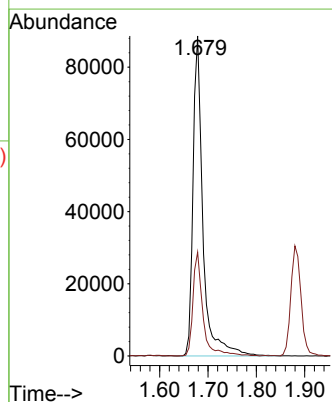
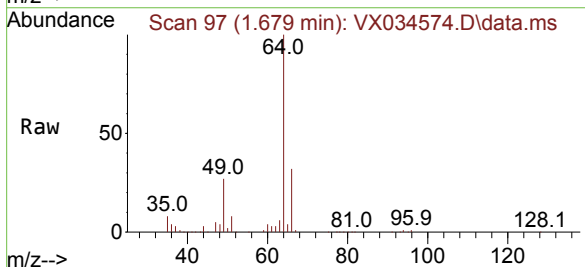
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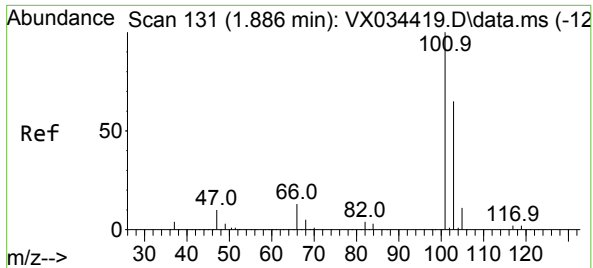
Tgt Ion: 94 Resp: 104374
Ion Ratio Lower Upper
94 100
96 95.9 77.0 115.6



#6
Chloroethane
Concen: 60.315 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

Tgt Ion: 64 Resp: 126094
Ion Ratio Lower Upper
64 100
66 32.4 26.2 39.4

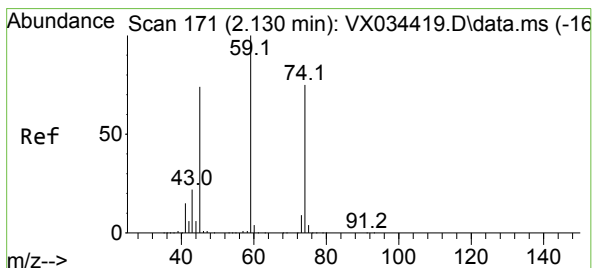
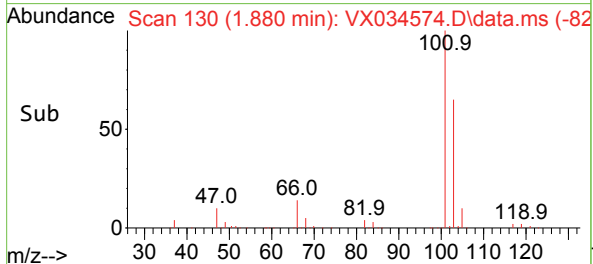
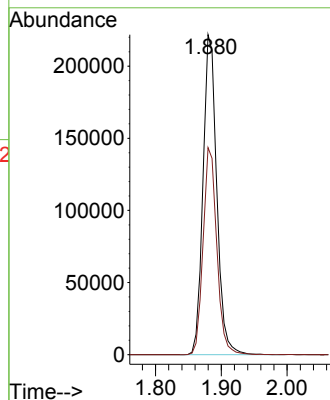
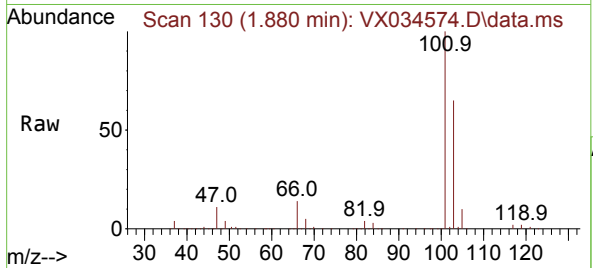




#7
 Trichlorofluoromethane
 Concen: 59.198 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX034574.D
 Acq: 17 Mar 2023 11:03

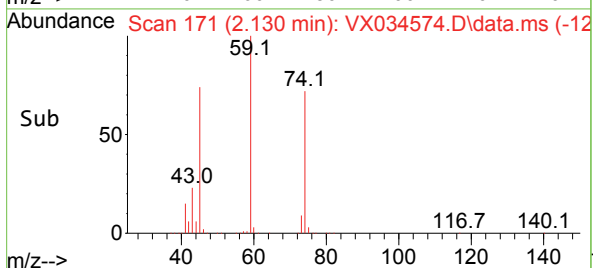
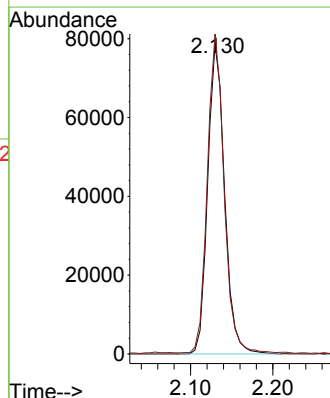
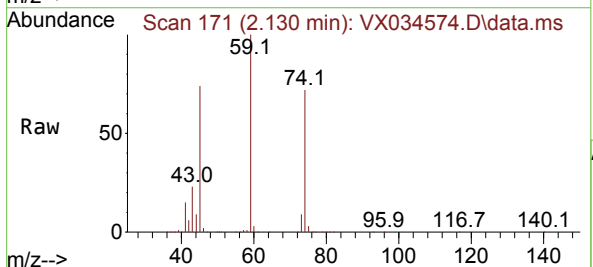
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

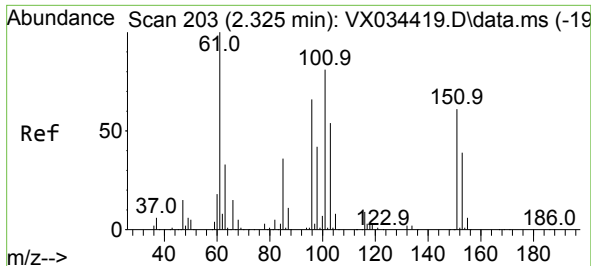
Tgt Ion:101 Resp: 322975
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.0 78.0



#8
 Diethyl Ether
 Concen: 56.307 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX034574.D
 Acq: 17 Mar 2023 11:03

Tgt Ion: 74 Resp: 112142
 Ion Ratio Lower Upper
 74 100
 45 102.6 49.8 149.3

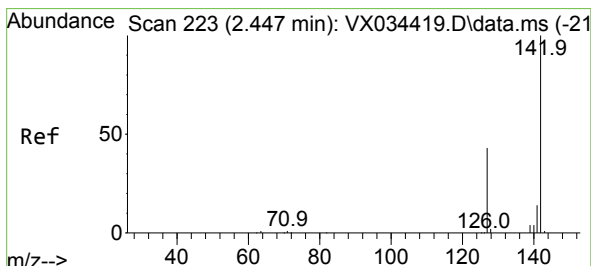
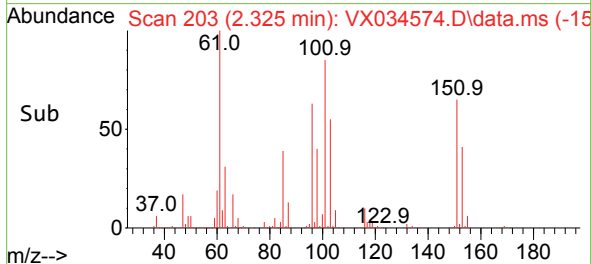
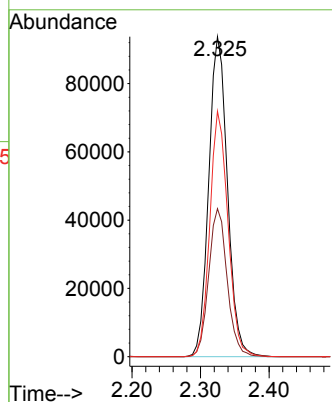
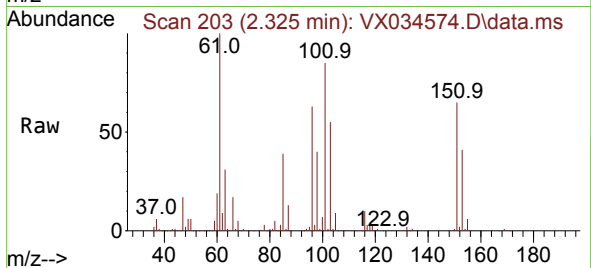




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.967 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX034574.D
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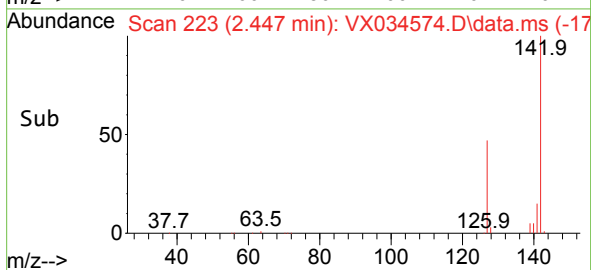
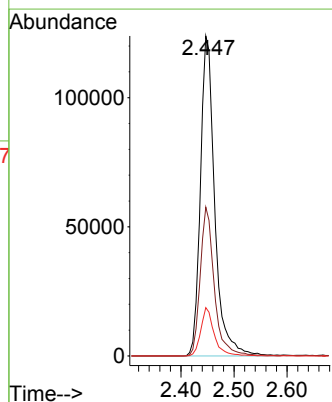
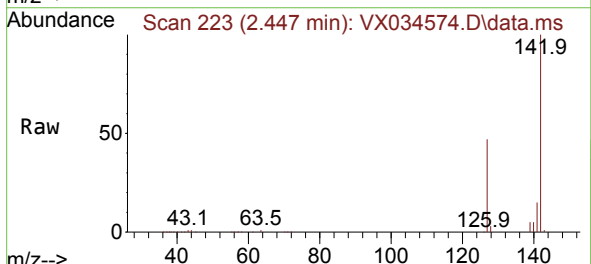
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

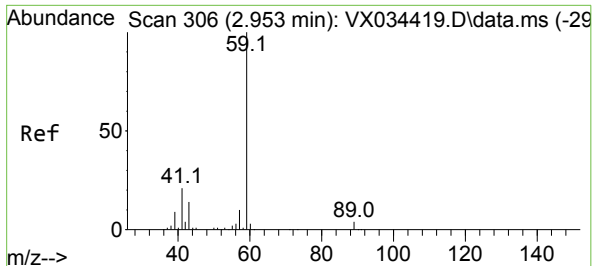
Tgt Ion:101 Resp: 177949
Ion Ratio Lower Upper
101 100
85 45.7 35.4 53.2
151 74.7 60.2 90.4



#10
Methyl Iodide
Concen: 55.921 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

Tgt Ion:142 Resp: 233437
Ion Ratio Lower Upper
142 100
127 45.8 34.0 51.0
141 14.2 11.1 16.7





#11

Tert butyl alcohol

Concen: 235.400 ug/l

RT: 2.959 min Scan# 306

Delta R.T. 0.006 min

Lab File: VX034574.D

Acq: 17 Mar 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

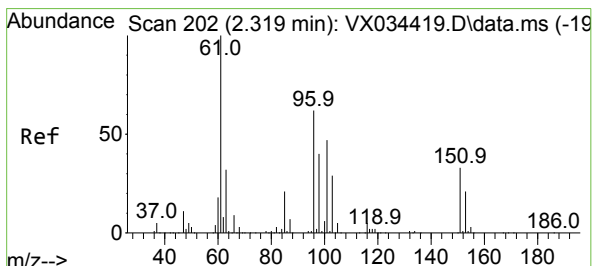
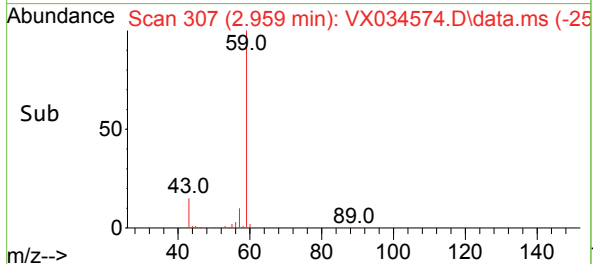
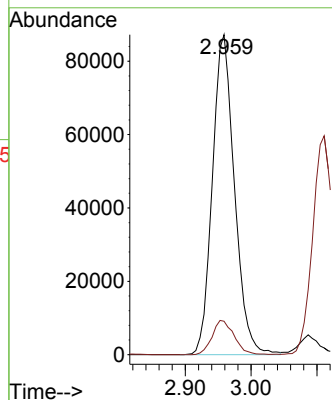
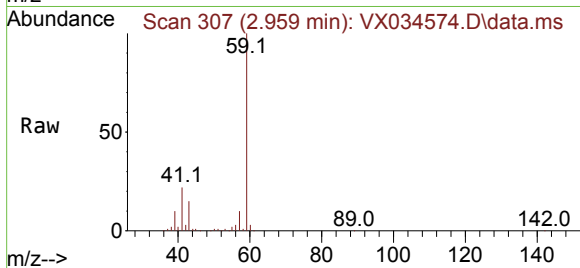
VSTDCCC050

Tgt Ion: 59 Resp: 203988

Ion Ratio Lower Upper

59 100

57 10.7 8.1 12.1



#12

1,1-Dichloroethene

Concen: 52.230 ug/l

RT: 2.313 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX034574.D

Acq: 17 Mar 2023 11:03

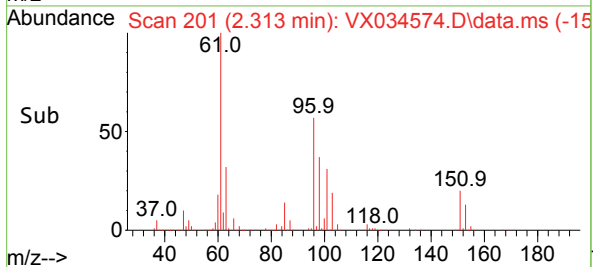
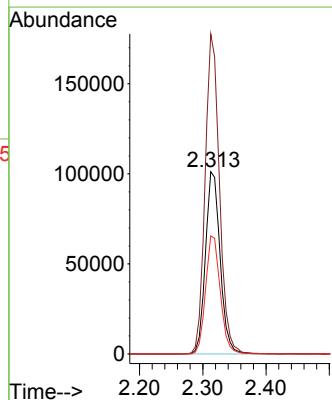
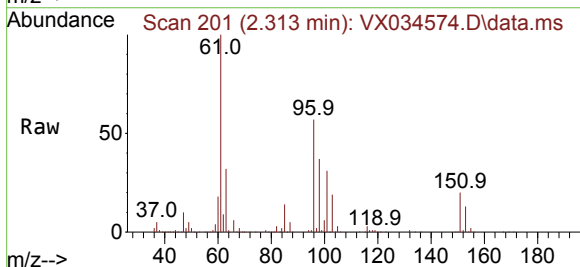
Tgt Ion: 96 Resp: 163550

Ion Ratio Lower Upper

96 100

61 175.7 128.8 193.2

98 64.9 51.4 77.0

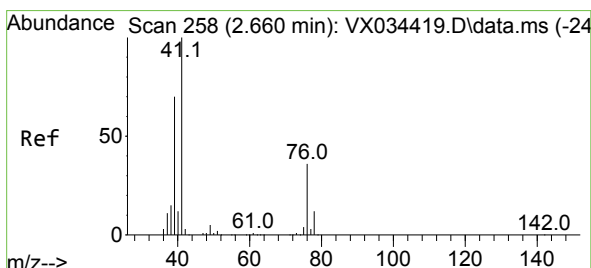
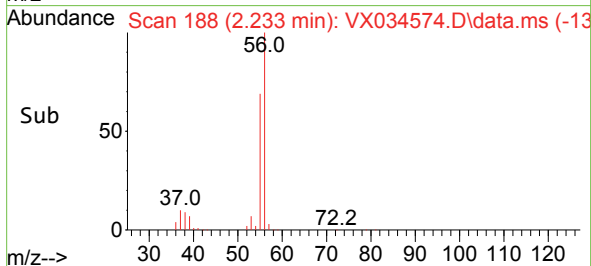
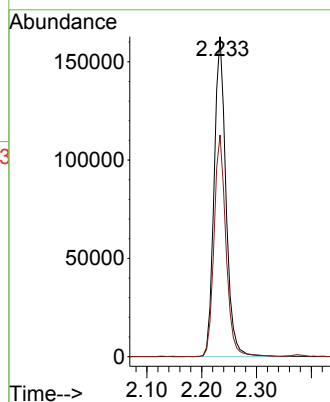
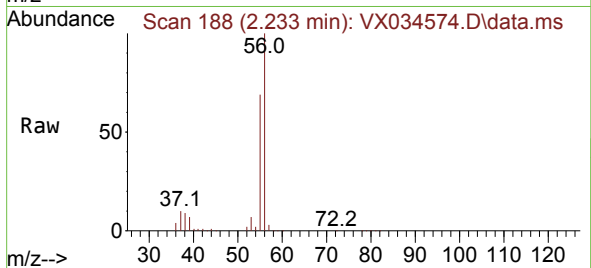




#13
Acrolein
Concen: 354.257 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

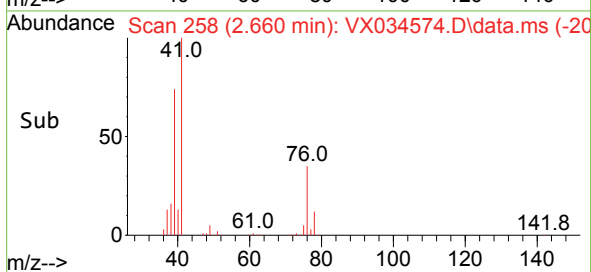
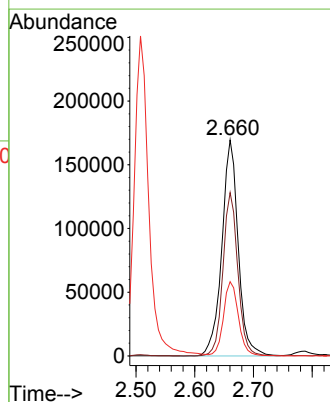
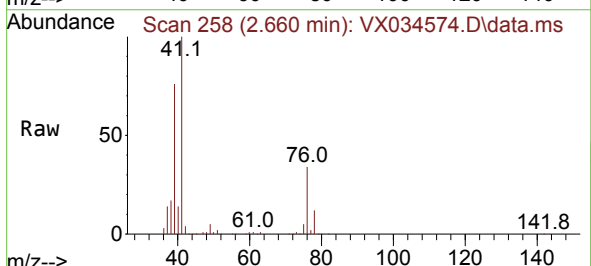
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

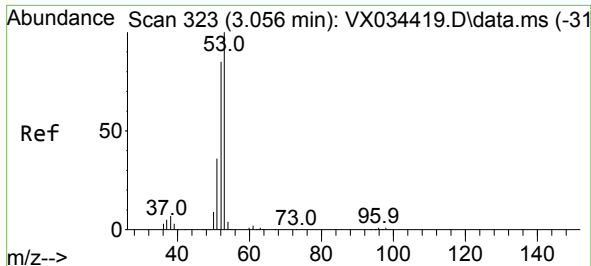
Tgt Ion: 56 Resp: 242854
Ion Ratio Lower Upper
56 100
55 69.8 56.6 85.0



#14
Allyl chloride
Concen: 51.824 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

Tgt Ion: 41 Resp: 328998
Ion Ratio Lower Upper
41 100
39 68.7 52.4 78.6
76 31.3 26.0 39.0

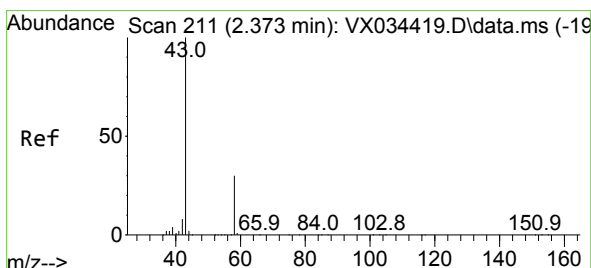
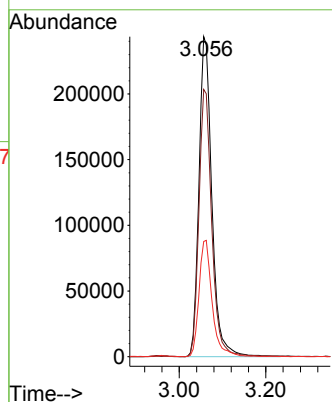
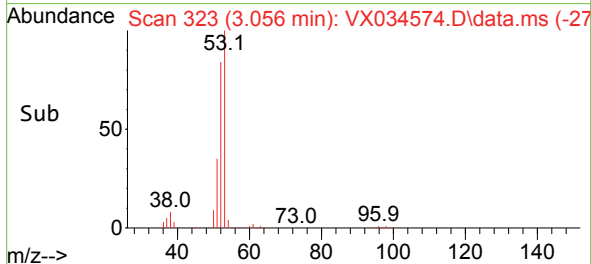
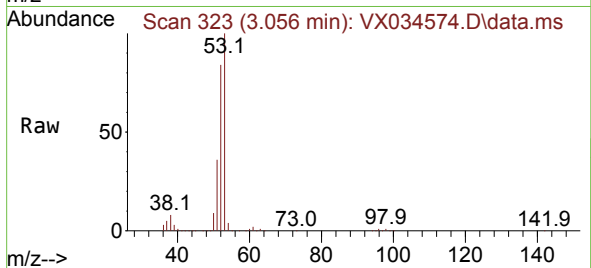




#15
Acrylonitrile
Concen: 269.136 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

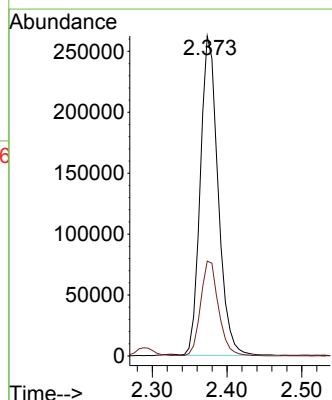
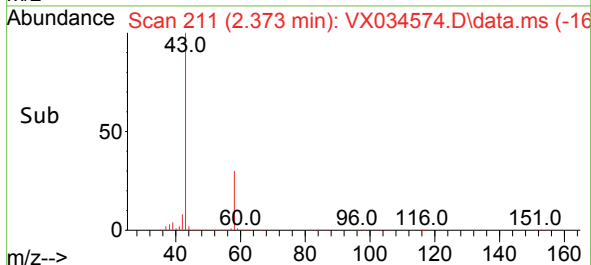
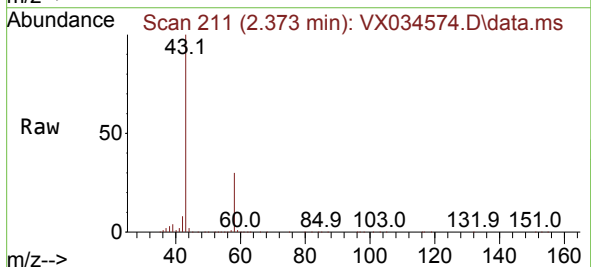
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

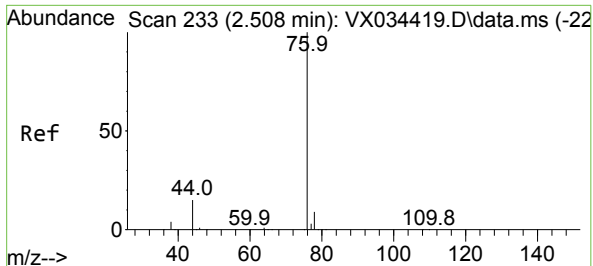
Tgt Ion: 53 Resp: 503801
Ion Ratio Lower Upper
53 100
52 83.0 66.2 99.2
51 37.2 28.3 42.5



#16
Acetone
Concen: 220.313 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

Tgt Ion: 43 Resp: 431852
Ion Ratio Lower Upper
43 100
58 29.6 24.7 37.1

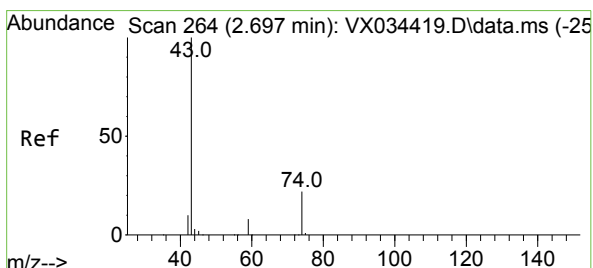
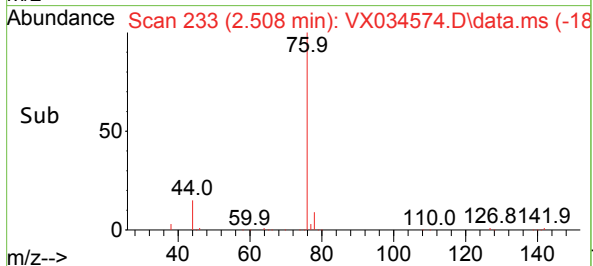
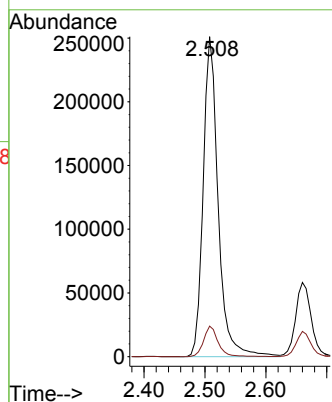
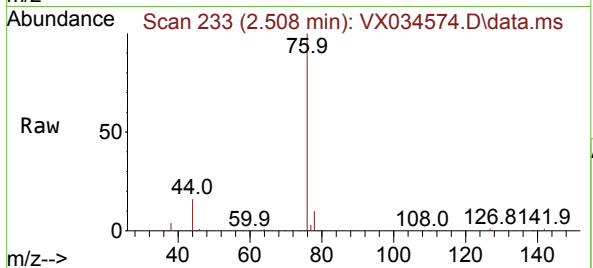




#17
Carbon Disulfide
Concen: 48.665 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

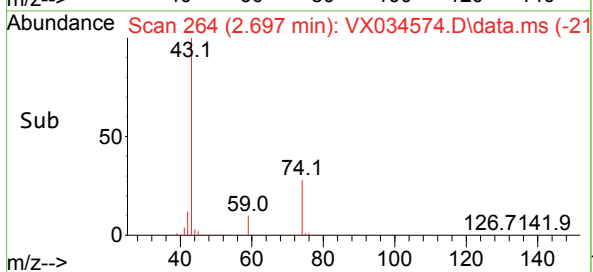
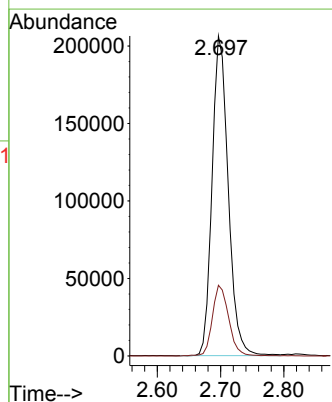
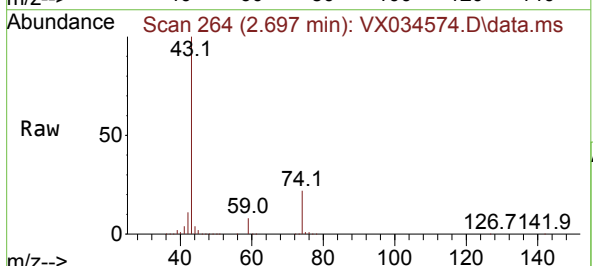
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

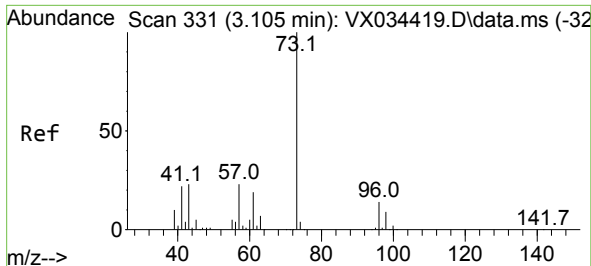
Tgt Ion: 76 Resp: 428848
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 57.212 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

Tgt Ion: 43 Resp: 366435
Ion Ratio Lower Upper
43 100
74 22.5 18.3 27.5

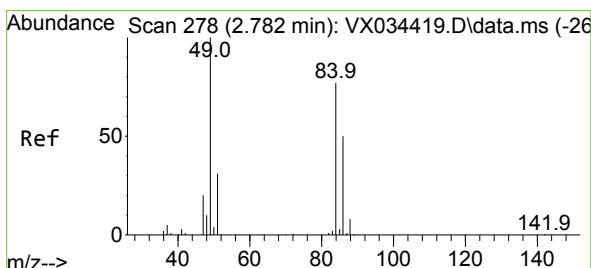
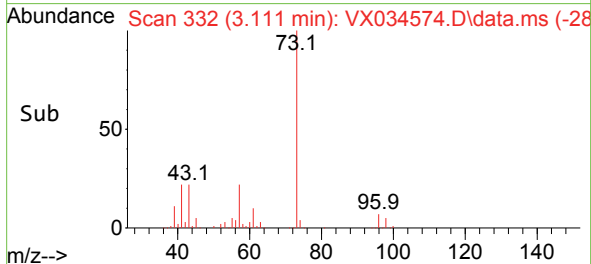
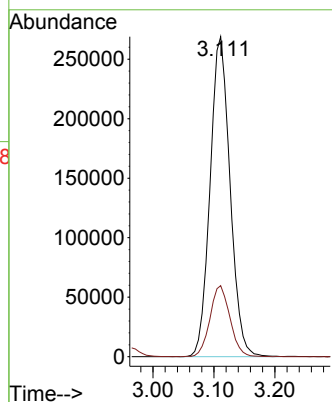
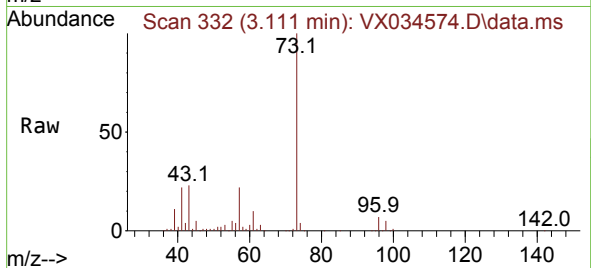




#19
Methyl tert-butyl Ether
Concen: 54.510 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

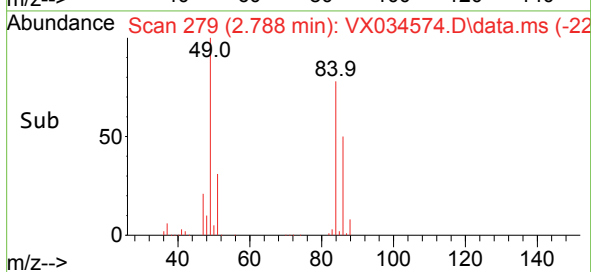
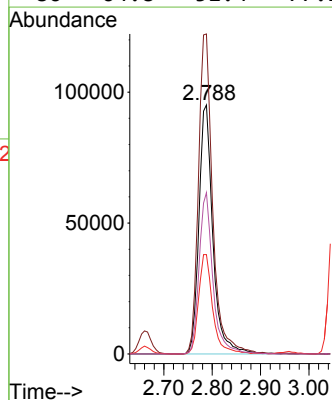
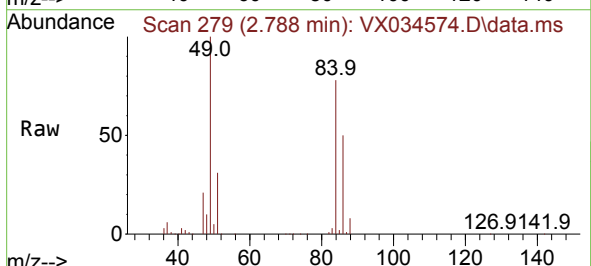
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

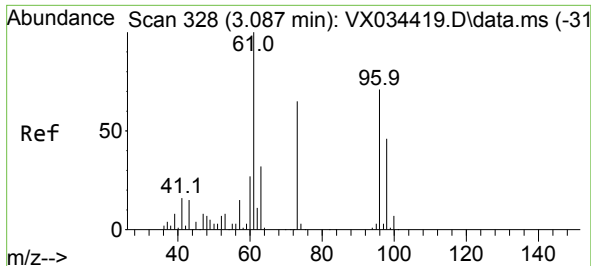
Tgt Ion: 73 Resp: 611150
Ion Ratio Lower Upper
73 100
57 22.2 18.5 27.7



#20
Methylene Chloride
Concen: 50.239 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

Tgt Ion: 84 Resp: 191123
Ion Ratio Lower Upper
84 100
49 128.5 103.8 155.8
51 39.9 31.8 47.8
86 64.8 51.4 77.2

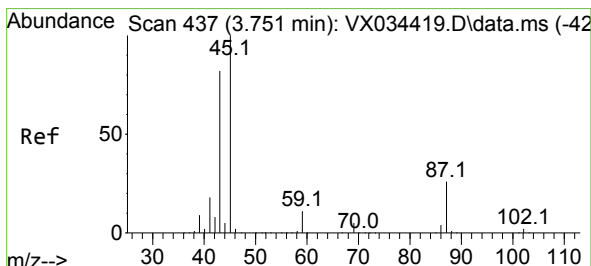
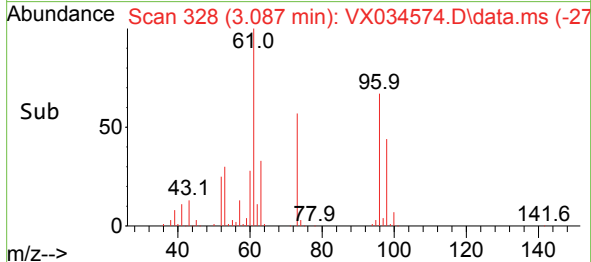
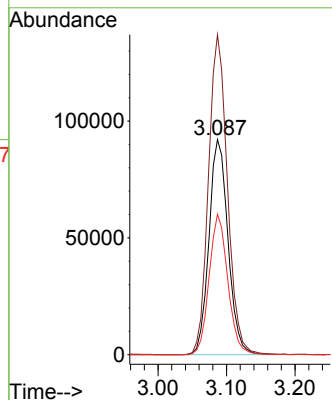
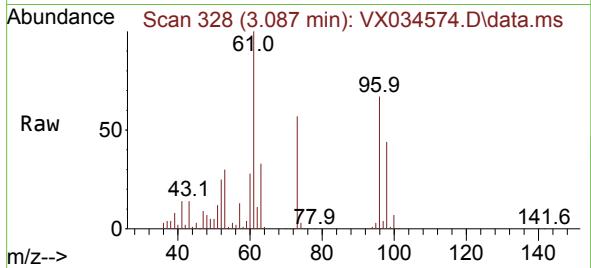




#21
trans-1,2-Dichloroethene
Concen: 53.637 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

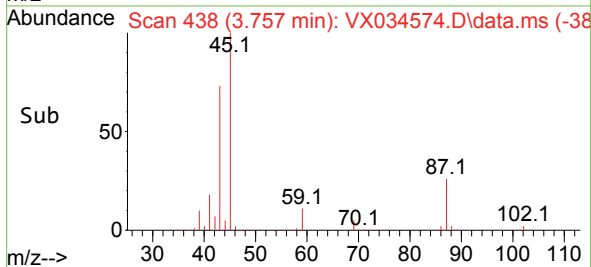
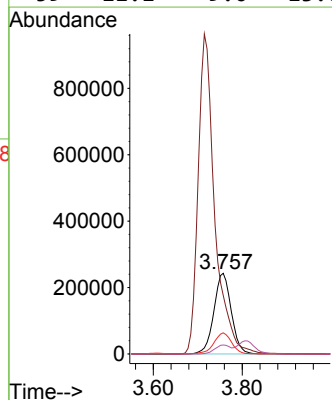
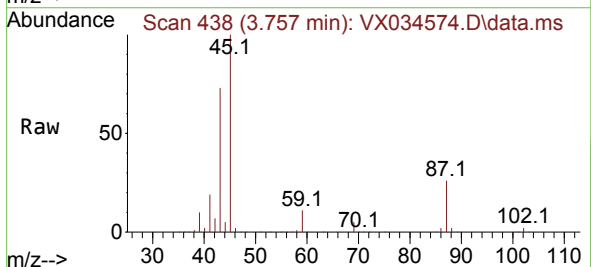
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

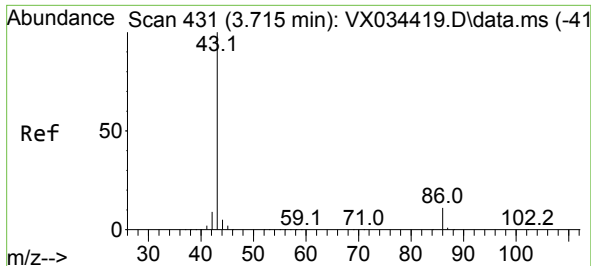
Tgt Ion: 96 Resp: 178370
Ion Ratio Lower Upper
96 100
61 148.6 113.0 169.6
98 65.3 52.1 78.1



#22
Diisopropyl ether
Concen: 54.230 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

Tgt Ion: 45 Resp: 656400
Ion Ratio Lower Upper
45 100
43 72.6 65.4 98.2
87 26.3 20.6 31.0
59 11.1 9.0 13.6

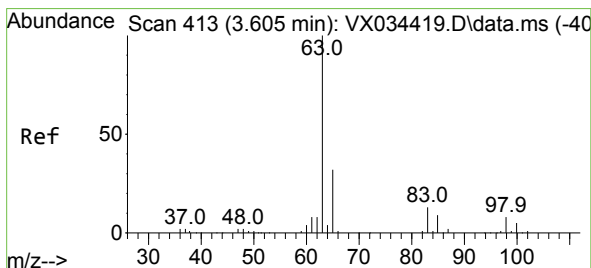
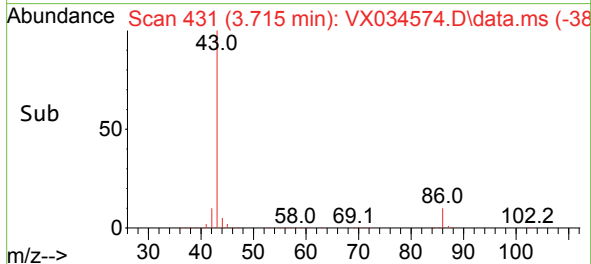
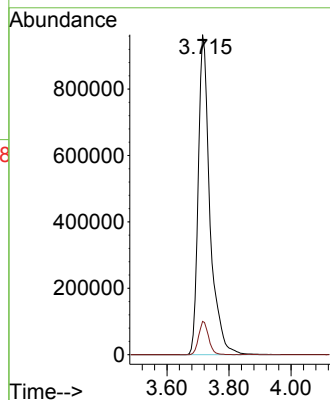
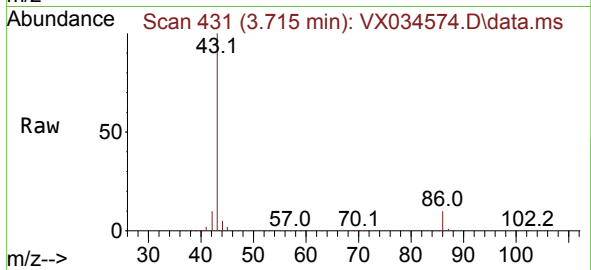




#23
 Vinyl Acetate
 Concen: 272.548 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034574.D
 Acq: 17 Mar 2023 11:03

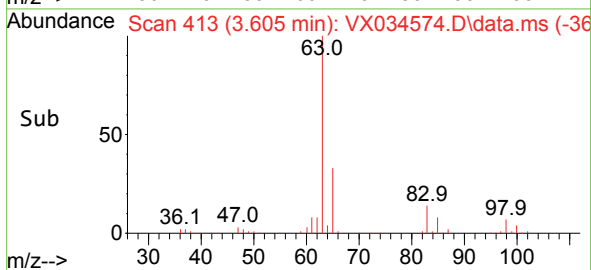
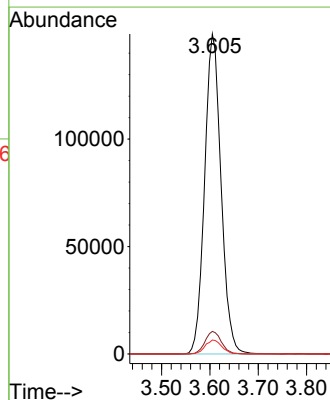
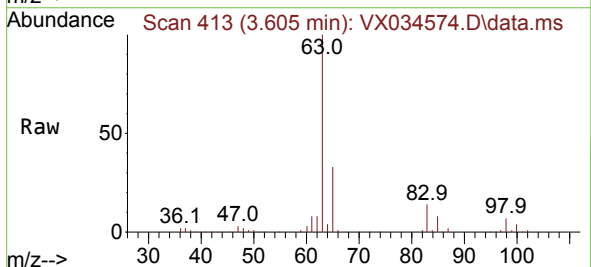
Instrument :
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 ClientSampleId :
 VSTDCCC050

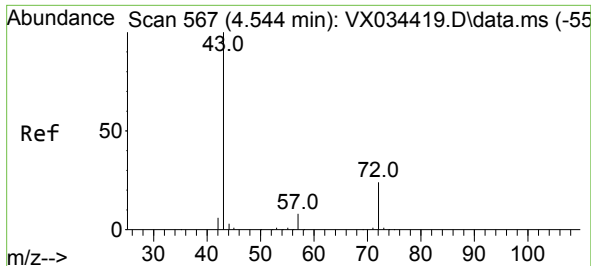
Tgt Ion: 43 Resp: 2510674
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 54.053 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034574.D
 Acq: 17 Mar 2023 11:03

Tgt Ion: 63 Resp: 351694
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.2
 100 4.3 2.4 7.1

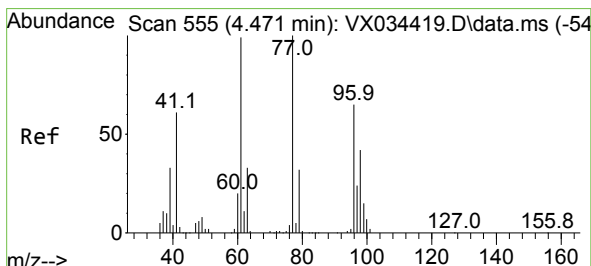
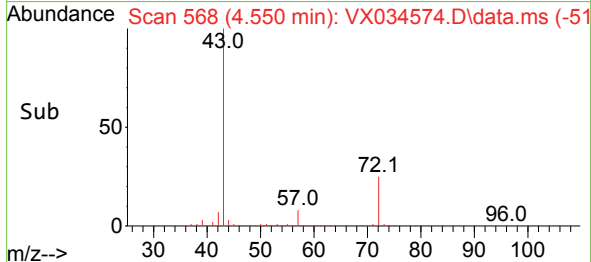
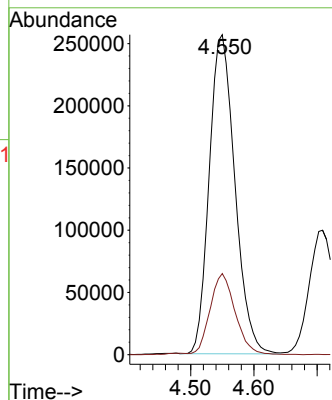
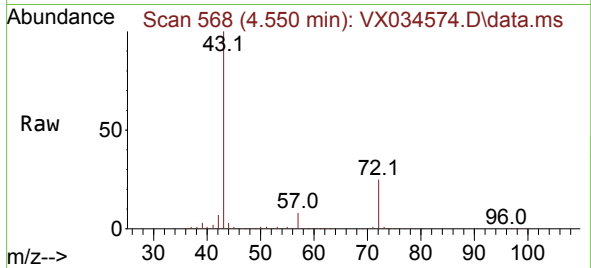




#25
2-Butanone
Concen: 257.357 ug/l
RT: 4.550 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

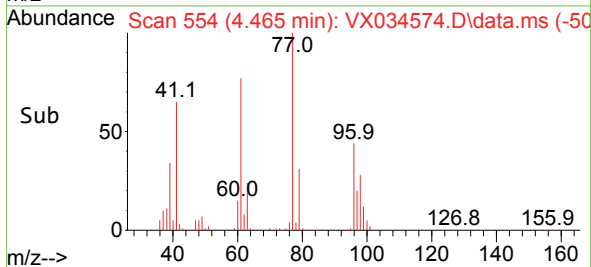
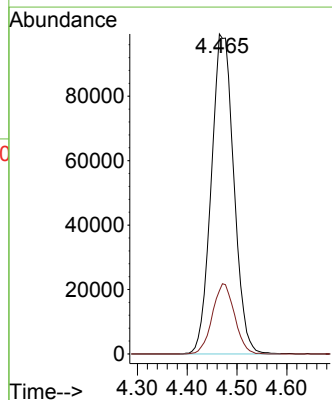
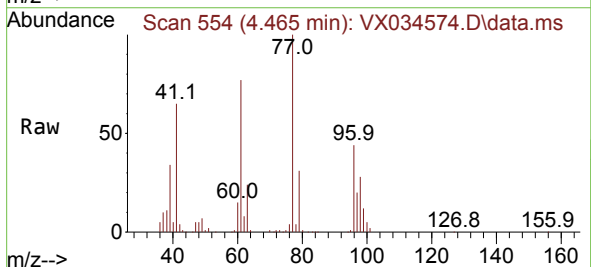
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

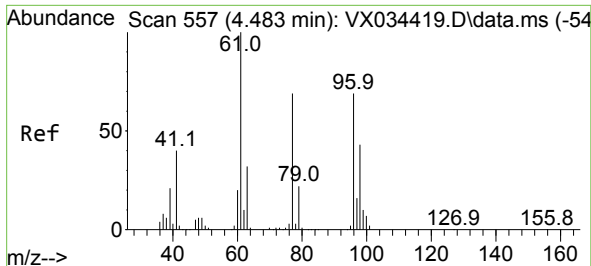
Tgt Ion: 43 Resp: 721819
Ion Ratio Lower Upper
43 100
72 25.3 19.3 28.9



#26
2,2-Dichloropropane
Concen: 55.141 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

Tgt Ion: 77 Resp: 311862
Ion Ratio Lower Upper
77 100
97 21.6 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 52.871 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX034574.D

Acq: 17 Mar 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

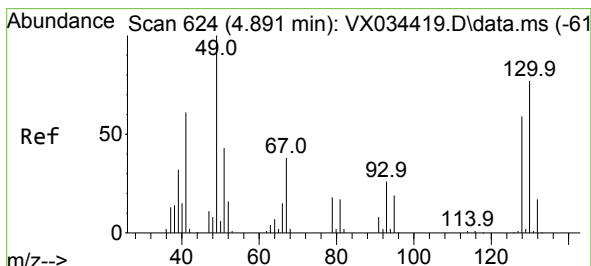
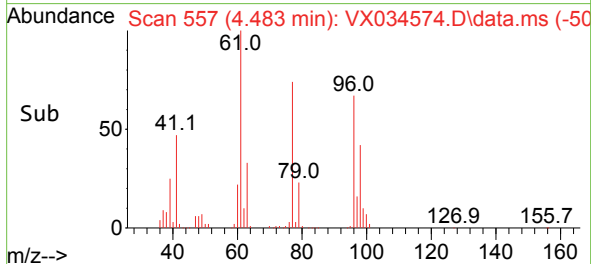
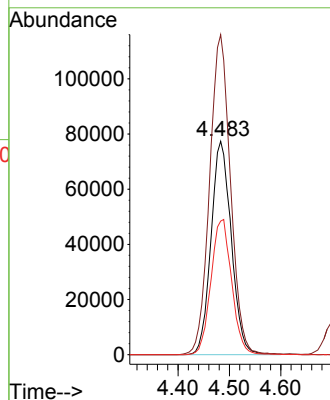
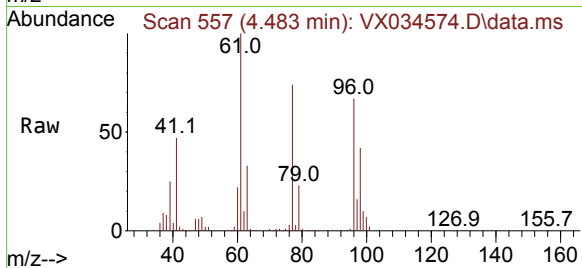
Tgt Ion: 96 Resp: 211656

Ion Ratio Lower Upper

96 100

61 154.6 0.0 300.4

98 64.9 0.0 129.0



#28

Bromochloromethane

Concen: 52.494 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX034574.D

Acq: 17 Mar 2023 11:03

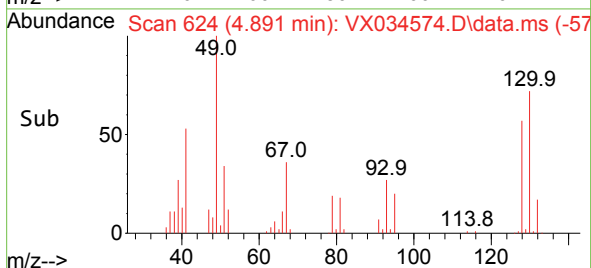
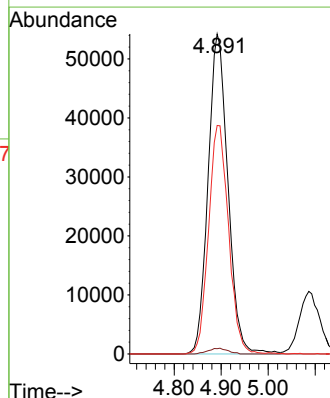
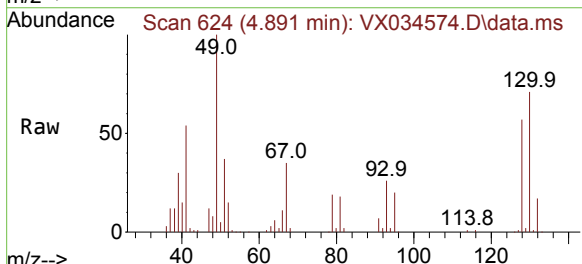
Tgt Ion: 49 Resp: 158812

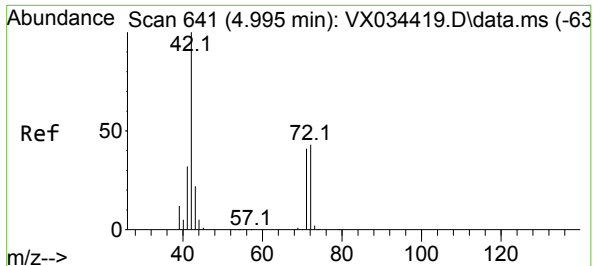
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 71.9 58.2 87.2





#29

Tetrahydrofuran

Concen: 271.531 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX034574.D

Acq: 17 Mar 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

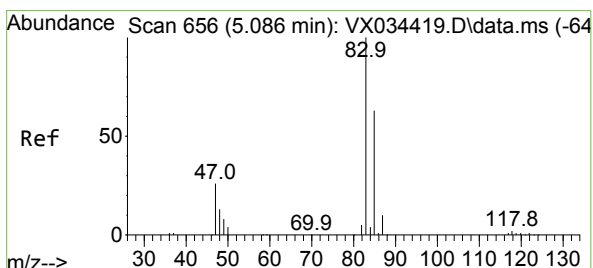
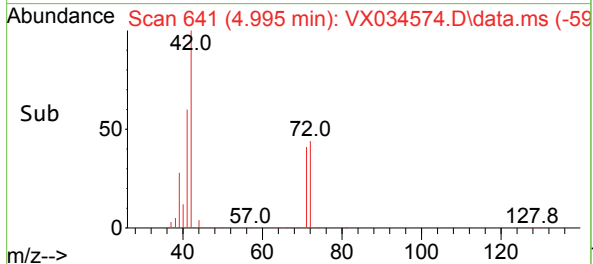
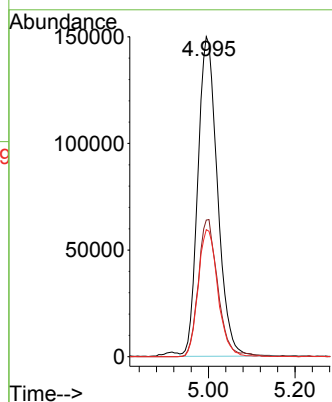
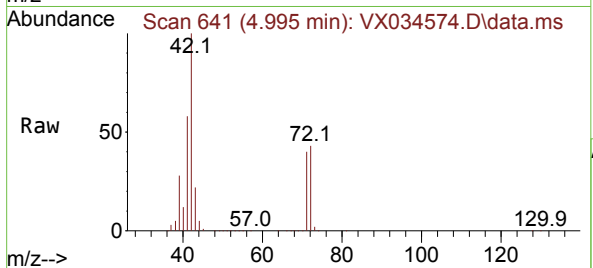
Tgt Ion: 42 Resp: 469936

Ion Ratio Lower Upper

42 100

72 43.0 34.5 51.7

71 39.9 32.1 48.1



#30

Chloroform

Concen: 56.784 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX034574.D

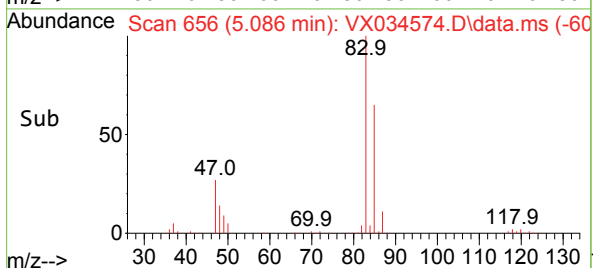
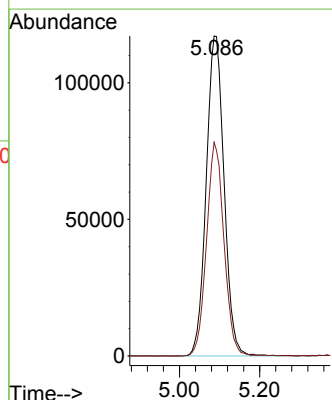
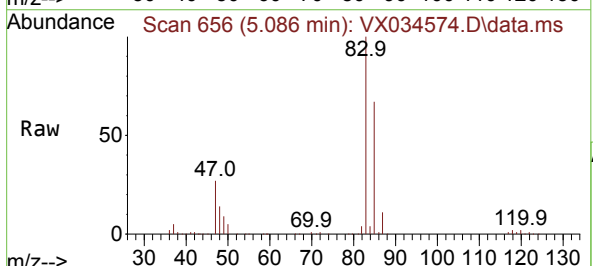
Acq: 17 Mar 2023 11:03

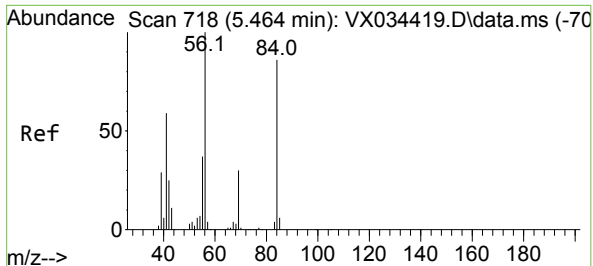
Tgt Ion: 83 Resp: 362163

Ion Ratio Lower Upper

83 100

85 66.8 50.6 76.0

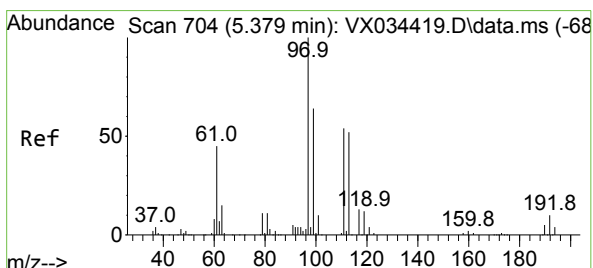
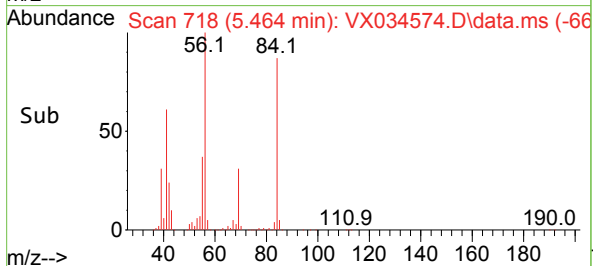
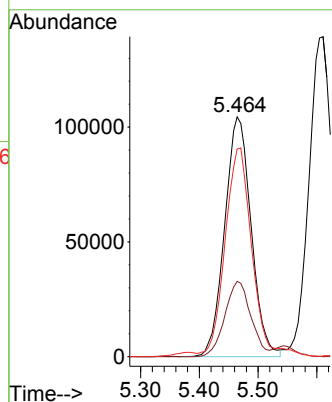
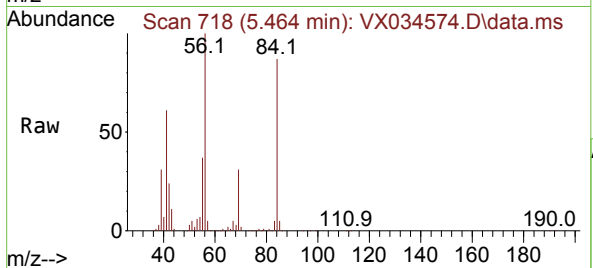




#31
Cyclohexane
Concen: 55.974 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

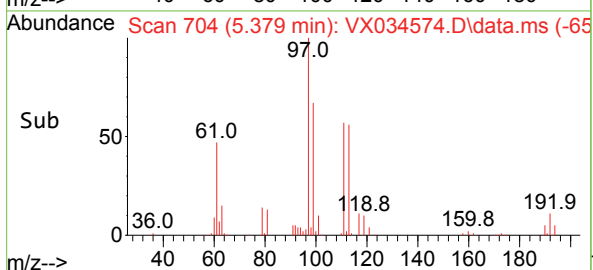
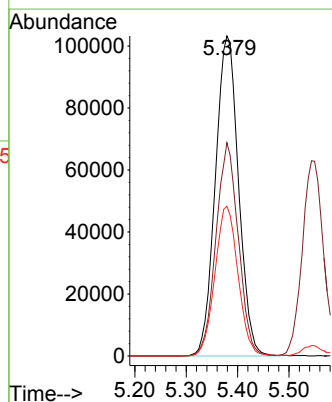
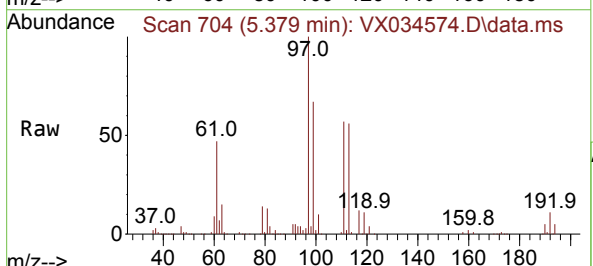
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

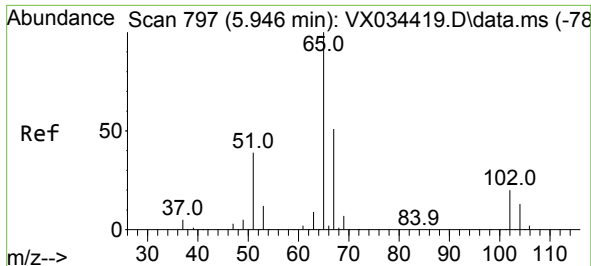
Tgt Ion: 56 Resp: 326665
Ion Ratio Lower Upper
56 100
69 31.5 23.7 35.5
84 85.3 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 57.266 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

Tgt Ion: 97 Resp: 323329
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 46.7 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 55.930 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX034574.D

Acq: 17 Mar 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

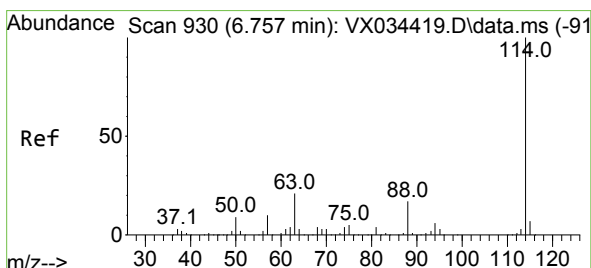
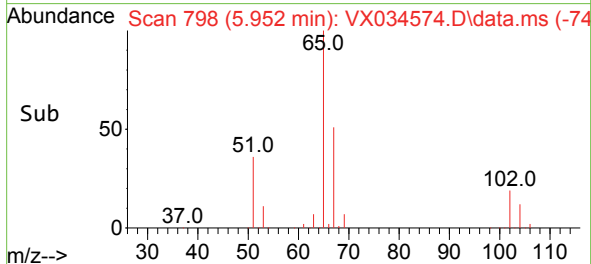
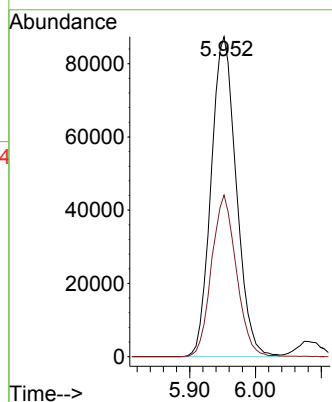
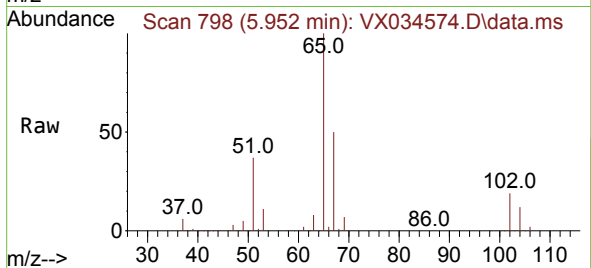
VSTDCCC050

Tgt Ion: 65 Resp: 232740

Ion Ratio Lower Upper

65 100

67 49.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034574.D

Acq: 17 Mar 2023 11:03

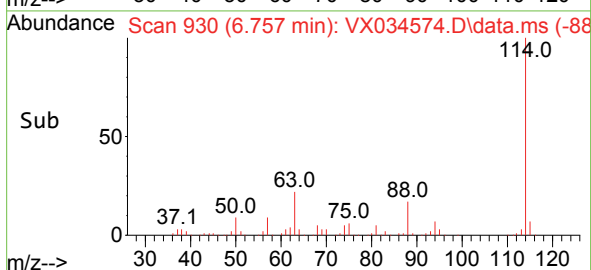
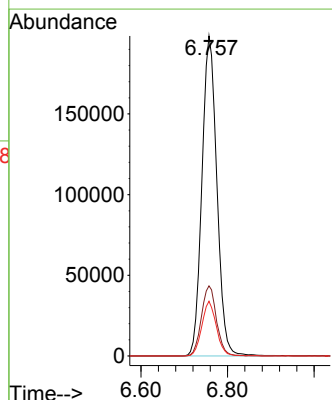
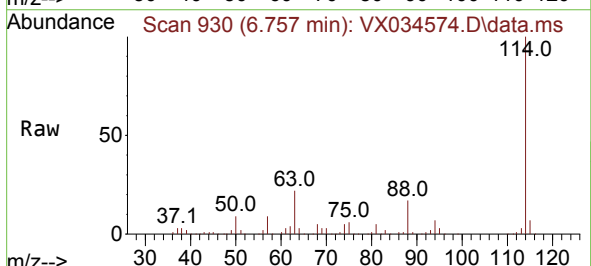
Tgt Ion: 114 Resp: 474918

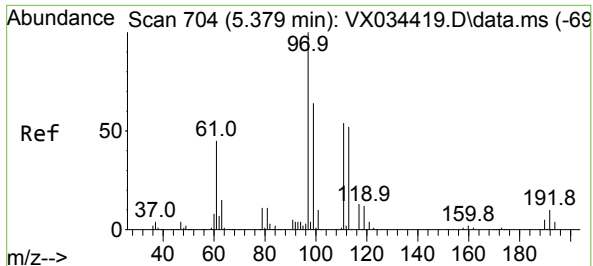
Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.2

88 17.1 0.0 33.2

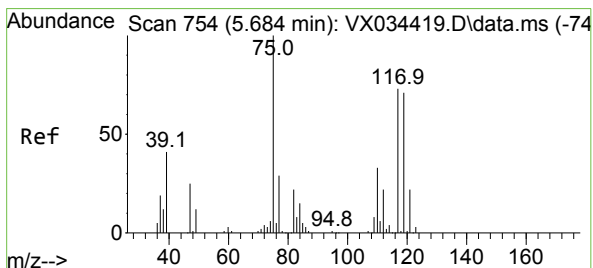
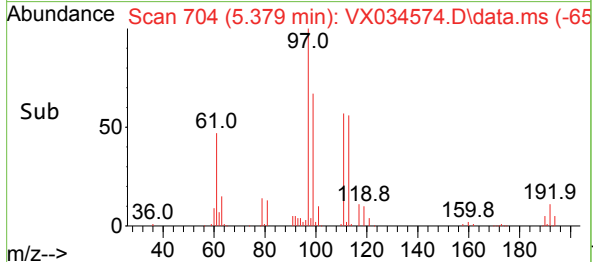
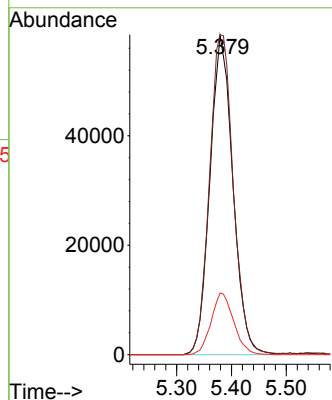
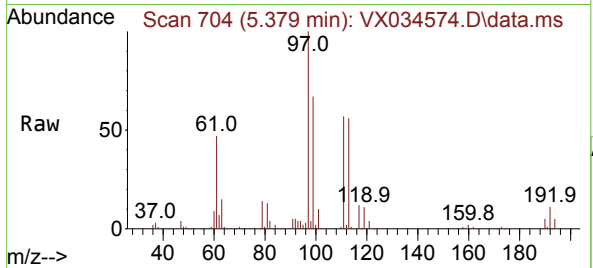




#35
Dibromofluoromethane
Concen: 54.037 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

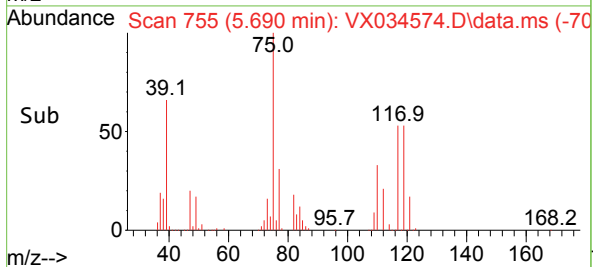
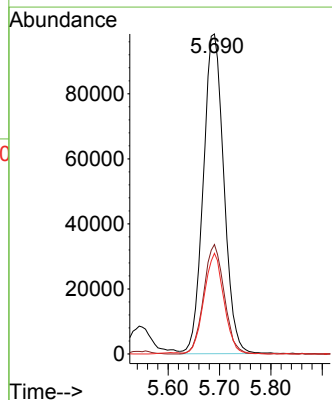
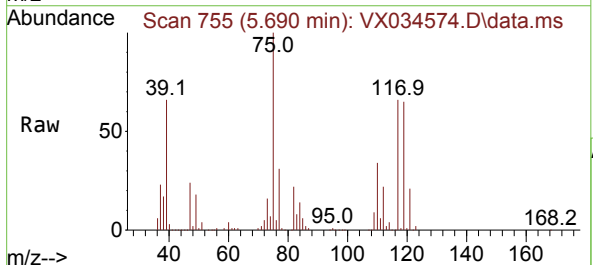
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

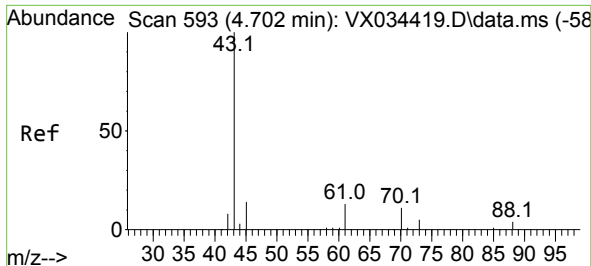
Tgt Ion:113 Resp: 169440
Ion Ratio Lower Upper
113 100
111 104.0 83.7 125.5
192 19.0 15.4 23.2



#36
1,1-Dichloropropene
Concen: 56.711 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

Tgt Ion: 75 Resp: 273126
Ion Ratio Lower Upper
75 100
110 34.2 17.5 52.5
77 30.6 24.3 36.5





#37

Ethyl Acetate

Concen: 55.021 ug/l

RT: 4.708 min Scan# 593

Delta R.T. 0.006 min

Lab File: VX034574.D

Acq: 17 Mar 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

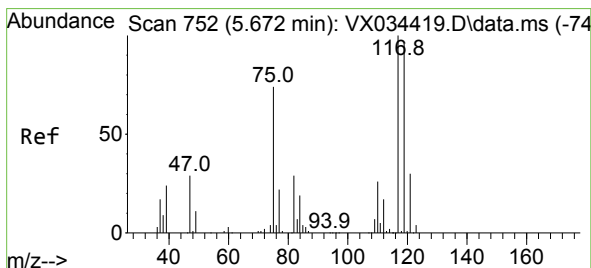
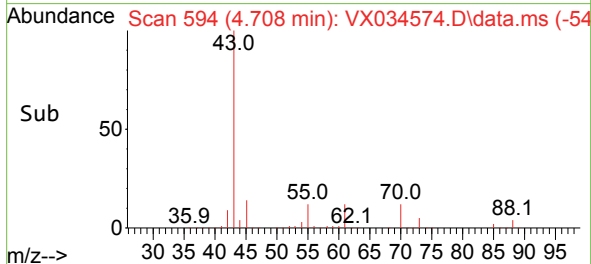
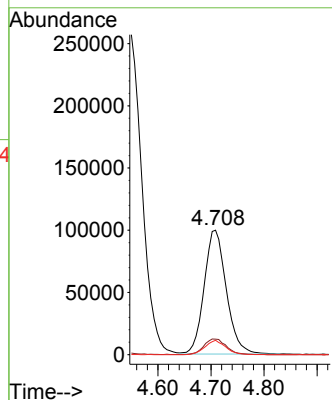
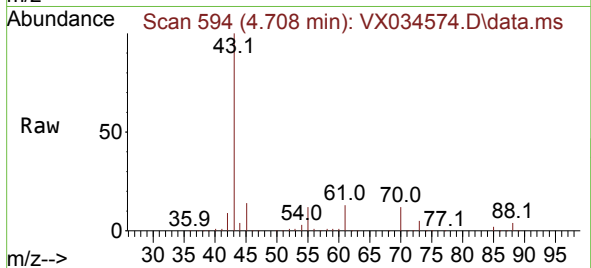
Tgt Ion: 43 Resp: 289493

Ion Ratio Lower Upper

43 100

61 13.0 10.2 15.4

70 10.8 8.2 12.4



#38

Carbon Tetrachloride

Concen: 57.894 ug/l

RT: 5.672 min Scan# 752

Delta R.T. 0.000 min

Lab File: VX034574.D

Acq: 17 Mar 2023 11:03

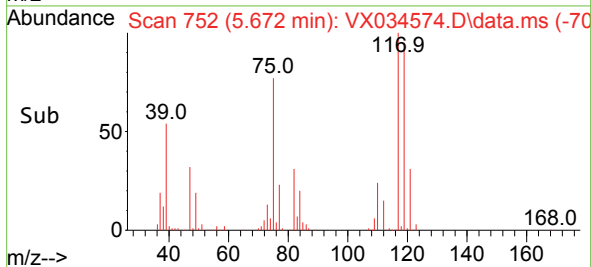
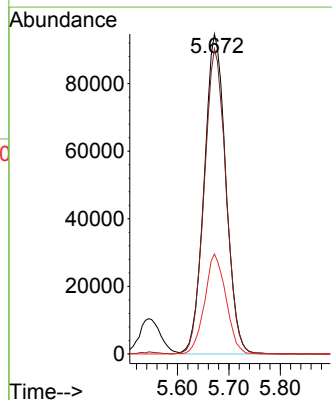
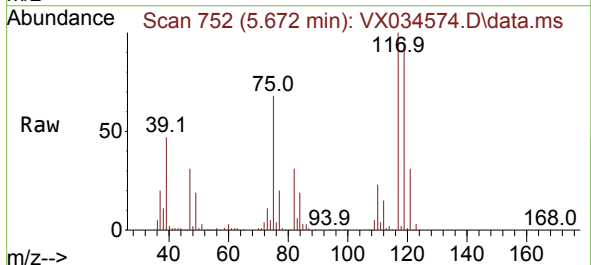
Tgt Ion: 117 Resp: 277379

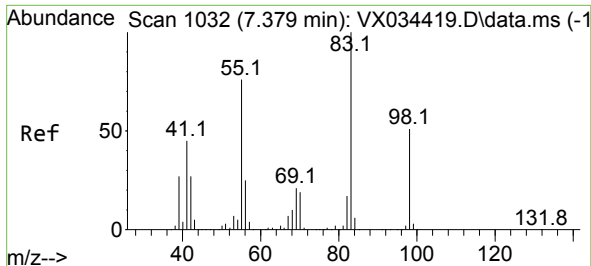
Ion Ratio Lower Upper

117 100

119 95.2 76.6 114.8

121 31.3 23.8 35.6





#39

Methylcyclohexane

Concen: 58.480 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034574.D

Acq: 17 Mar 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

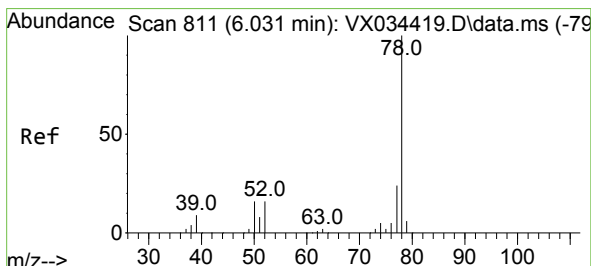
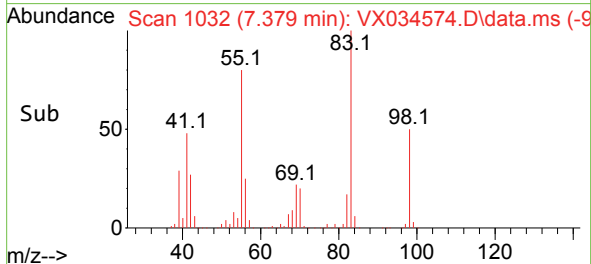
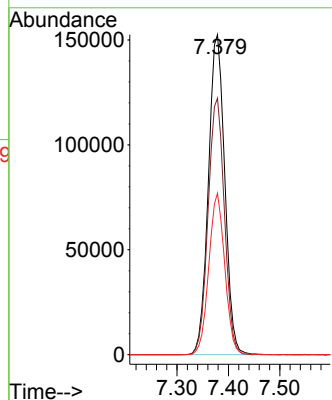
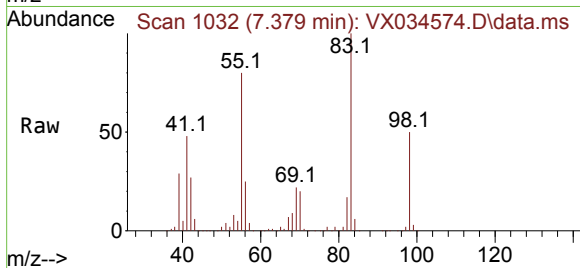
Tgt Ion: 83 Resp: 337056

Ion Ratio Lower Upper

83 100

55 80.1 60.5 90.7

98 50.5 40.4 60.6



#40

Benzene

Concen: 53.965 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX034574.D

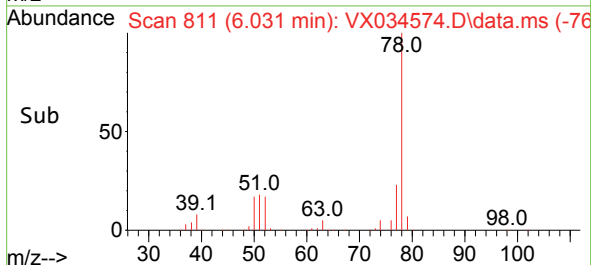
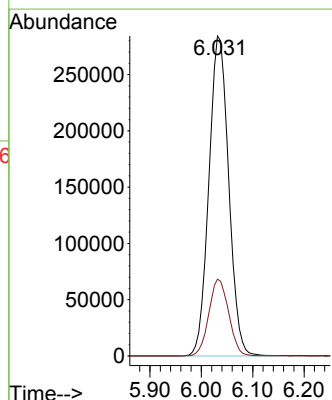
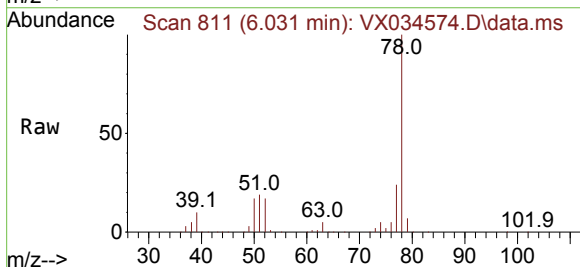
Acq: 17 Mar 2023 11:03

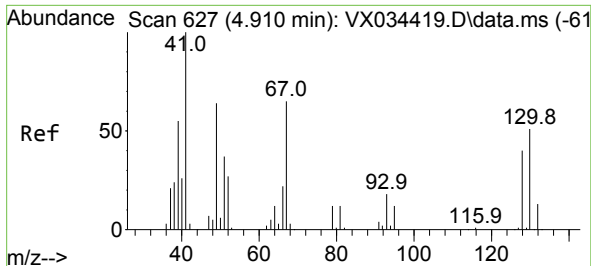
Tgt Ion: 78 Resp: 760311

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.4

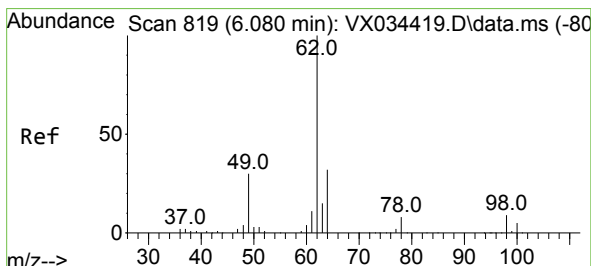
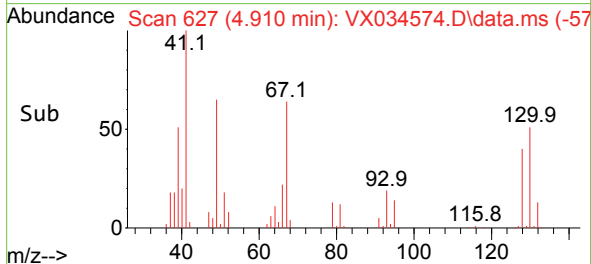
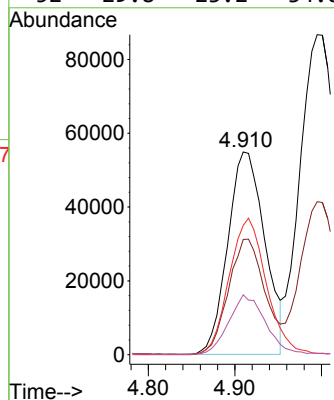
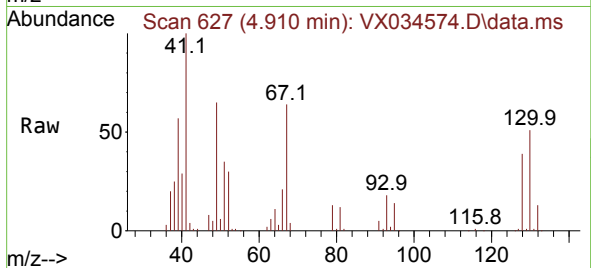




#41
Methacrylonitrile
Concen: 56.529 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

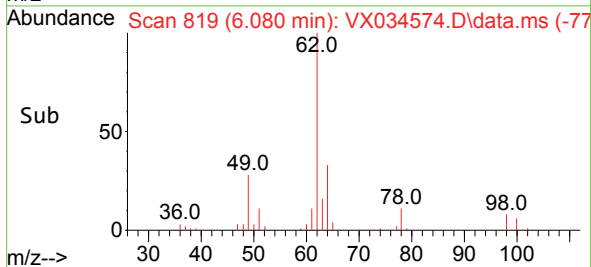
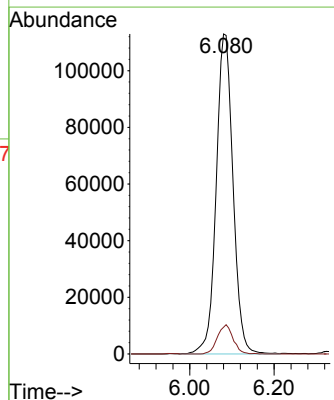
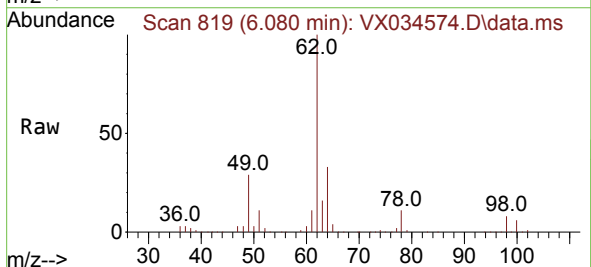
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

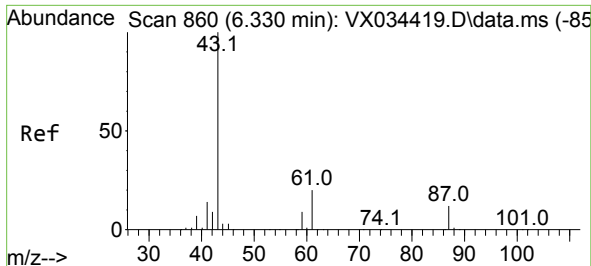
Tgt Ion:	41	Resp:	163001
Ion	Ratio	Lower	Upper
41	100		
39	56.0	45.0	67.6
67	68.1	55.6	83.4
52	29.8	23.2	34.8



#42
1,2-Dichloroethane
Concen: 60.246 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

Tgt Ion:	62	Resp:	311950
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.0

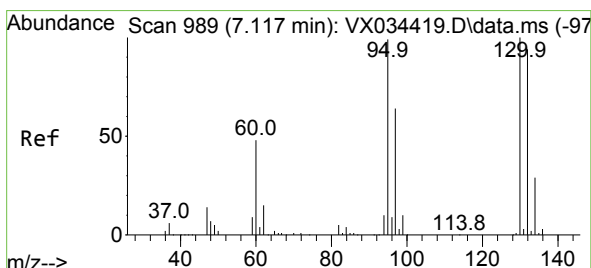
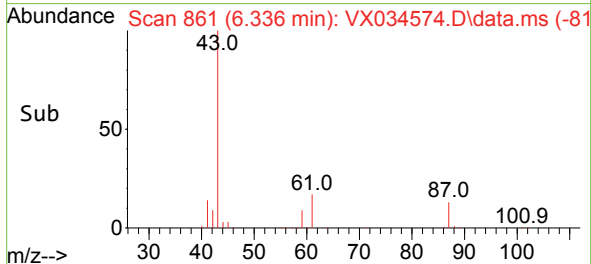
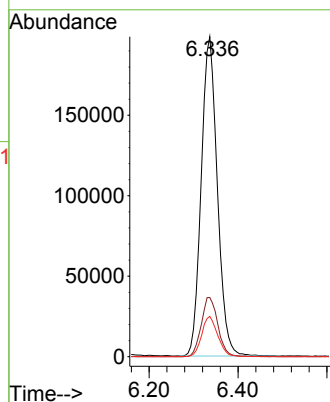
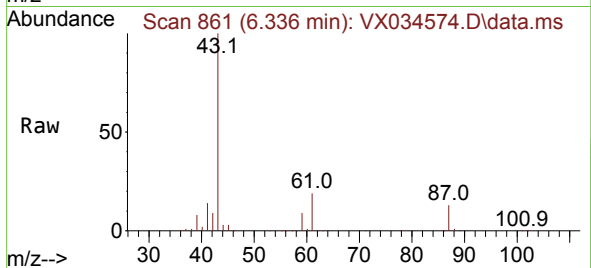




#43
Isopropyl Acetate
Concen: 56.334 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

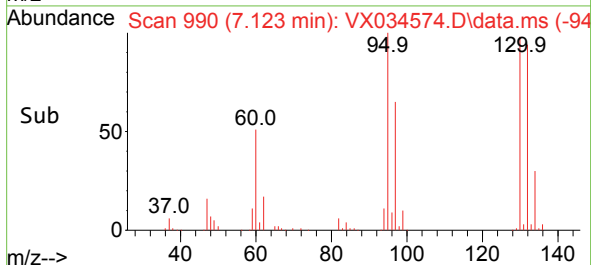
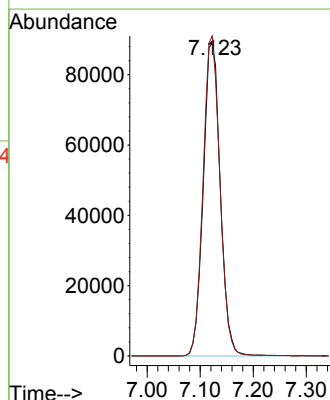
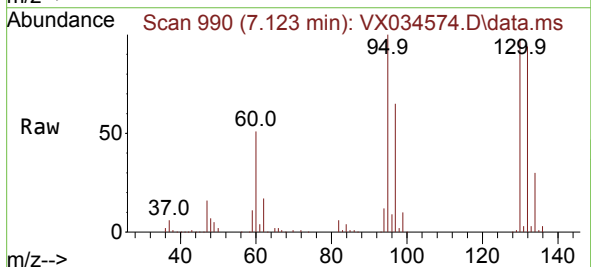
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

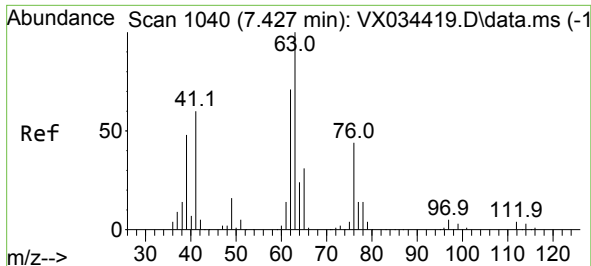
Tgt Ion: 43 Resp: 502122
Ion Ratio Lower Upper
43 100
61 19.1 15.2 22.8
87 12.5 9.8 14.8



#44
Trichloroethene
Concen: 54.205 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

Tgt Ion:130 Resp: 198428
Ion Ratio Lower Upper
130 100
95 102.3 0.0 198.4

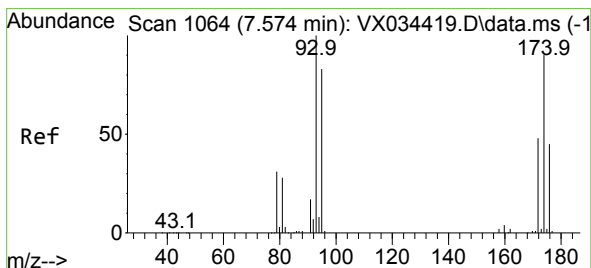
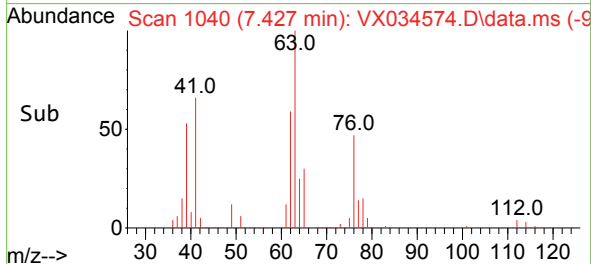
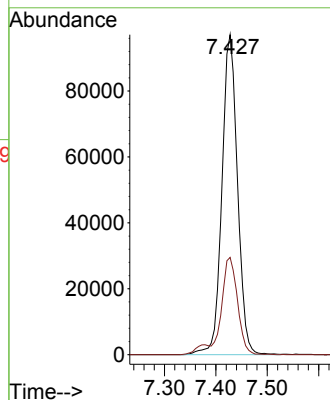
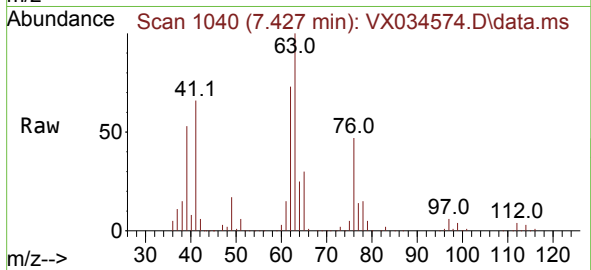




#45
1,2-Dichloropropane
Concen: 55.496 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

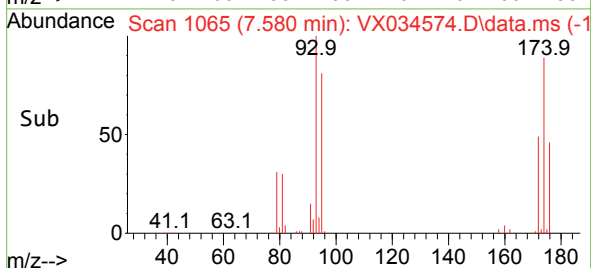
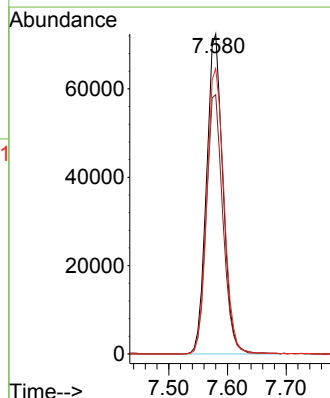
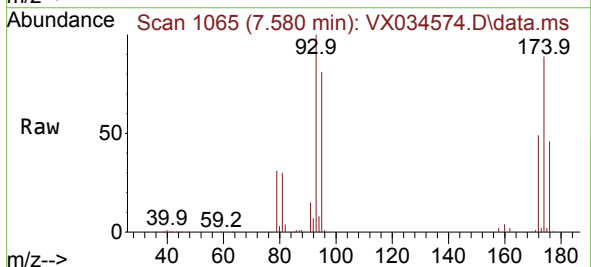
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

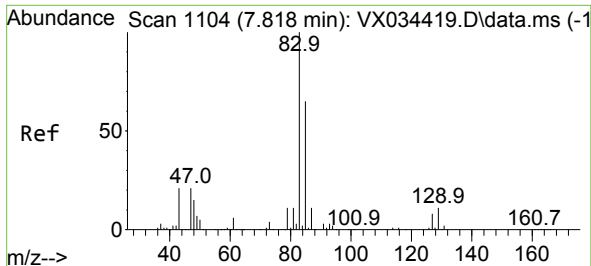
Tgt Ion: 63 Resp: 204156
Ion Ratio Lower Upper
63 100
65 30.4 24.6 37.0



#46
Dibromomethane
Concen: 56.389 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

Tgt Ion: 93 Resp: 141027
Ion Ratio Lower Upper
93 100
95 81.7 66.9 100.3
174 92.5 75.4 113.0

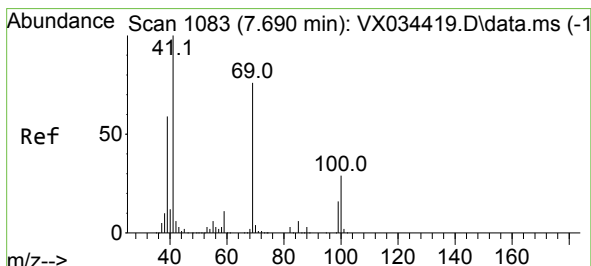
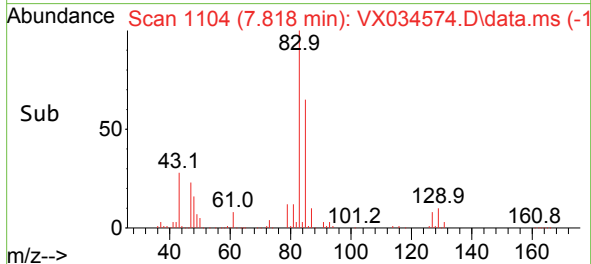
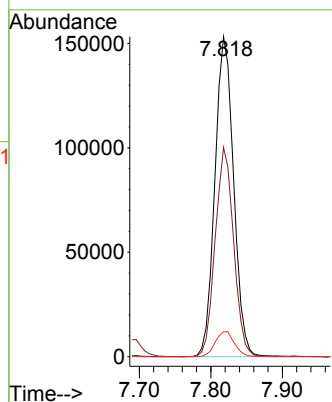
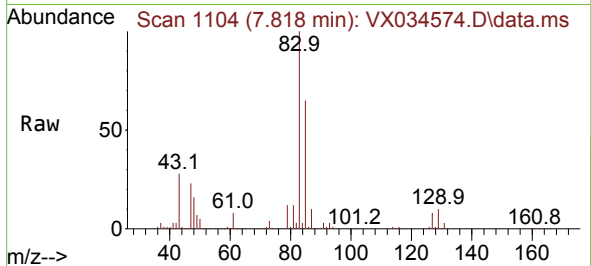




#47
Bromodichloromethane
Concen: 57.599 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

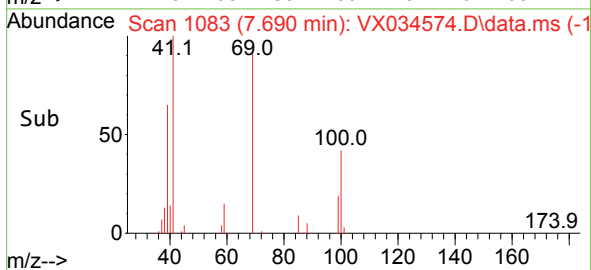
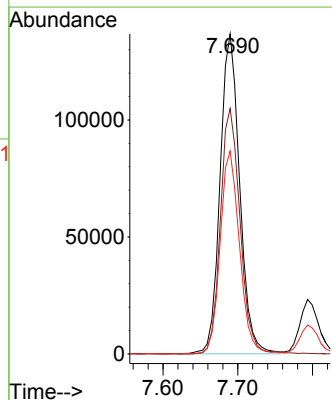
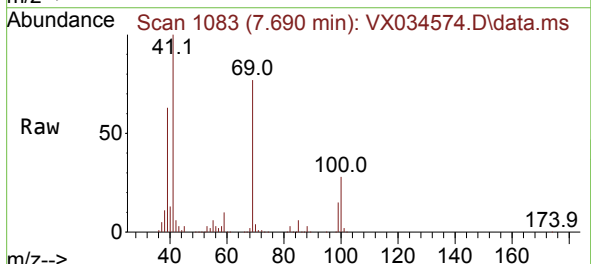
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 278801
Ion Ratio Lower Upper
83 100
85 65.4 52.2 78.4
127 7.8 6.6 9.8



#48
Methyl methacrylate
Concen: 58.079 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

Tgt Ion: 41 Resp: 248974
Ion Ratio Lower Upper
41 100
69 77.4 62.2 93.4
39 62.7 47.7 71.5





#49

1,4-Dioxane

Concen: 1060.254 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VX034574.D

Acq: 17 Mar 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

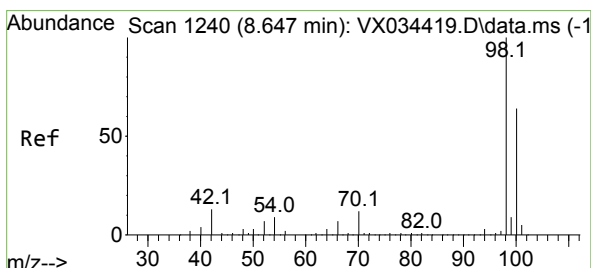
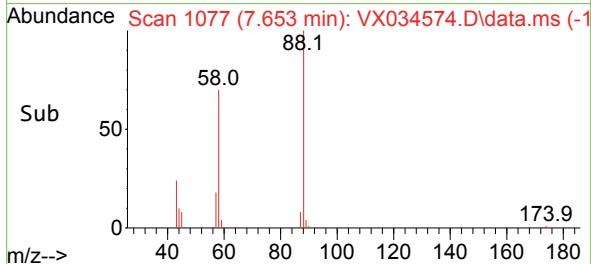
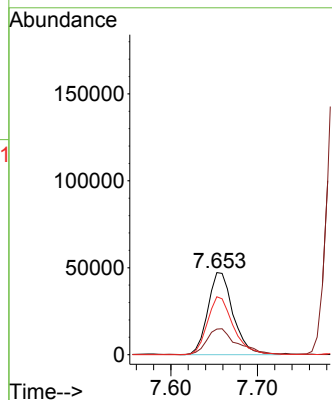
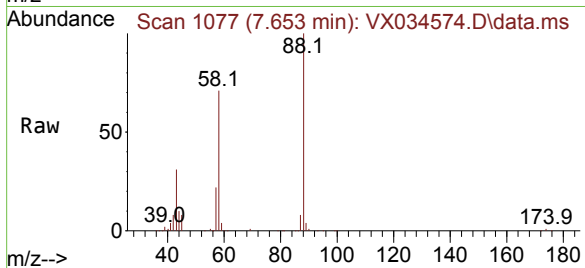
Tgt Ion: 88 Resp: 95465

Ion Ratio Lower Upper

88 100

43 37.3 27.7 41.5

58 72.4 56.8 85.2



#50

Toluene-d8

Concen: 53.524 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034574.D

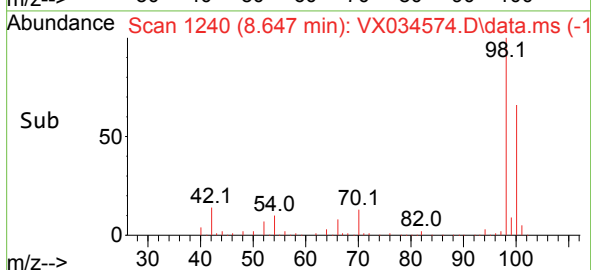
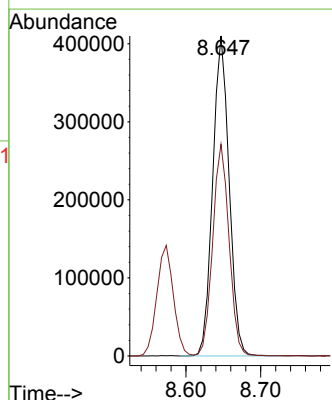
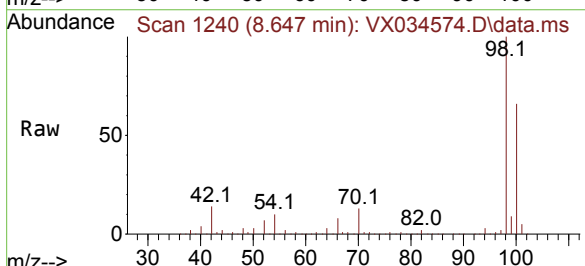
Acq: 17 Mar 2023 11:03

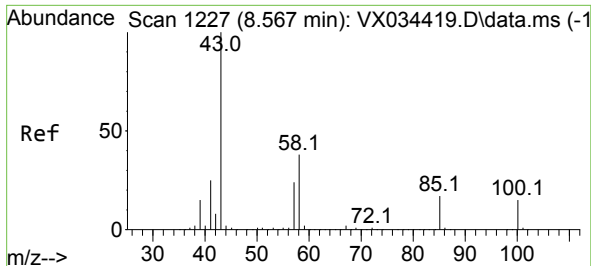
Tgt Ion: 98 Resp: 626532

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7

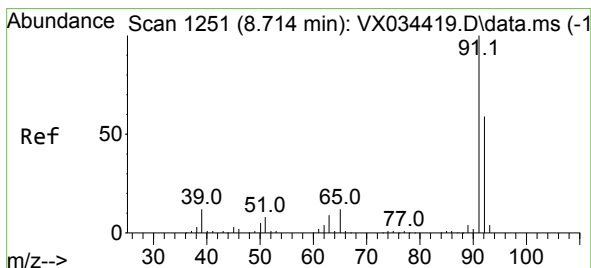
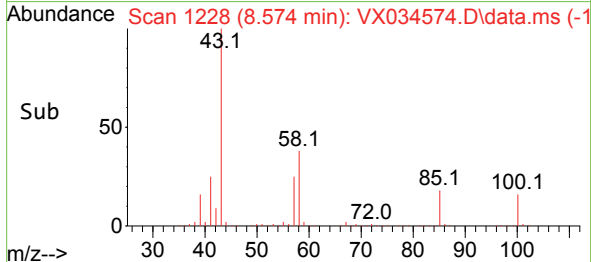
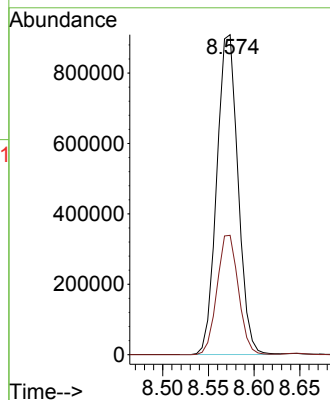
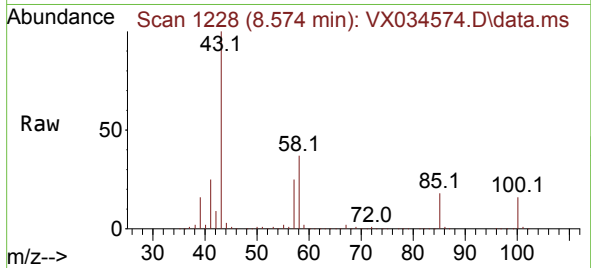




#51
4-Methyl-2-Pentanone
Concen: 284.665 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

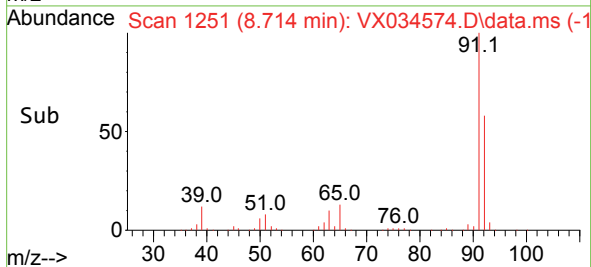
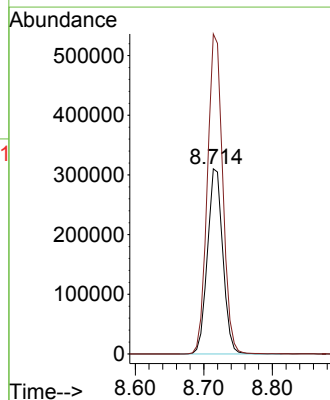
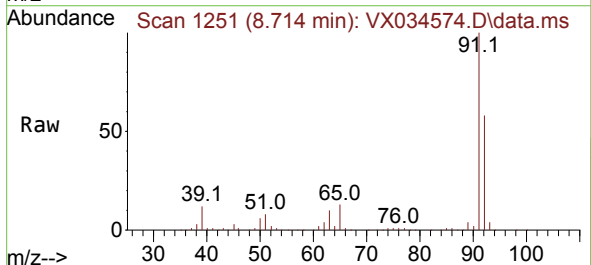
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

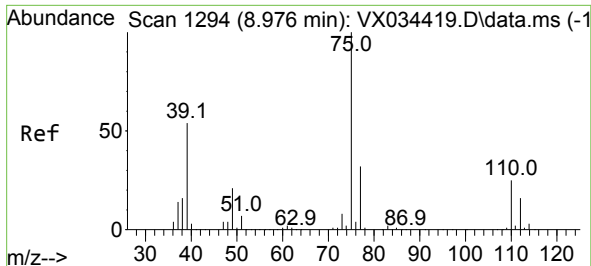
Tgt Ion: 43 Resp: 1471918
Ion Ratio Lower Upper
43 100
58 37.6 30.6 46.0



#52
Toluene
Concen: 55.700 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

Tgt Ion: 92 Resp: 485853
Ion Ratio Lower Upper
92 100
91 172.1 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 58.534 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034574.D

Acq: 17 Mar 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

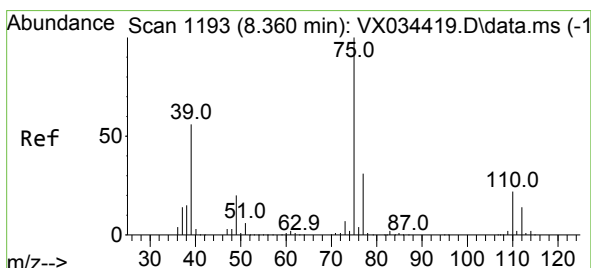
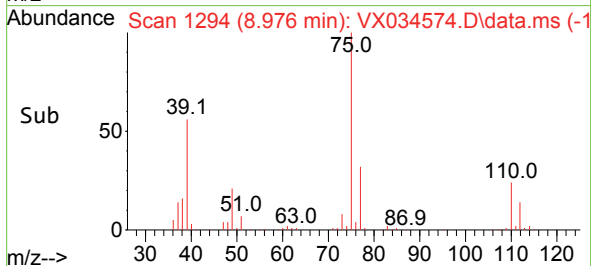
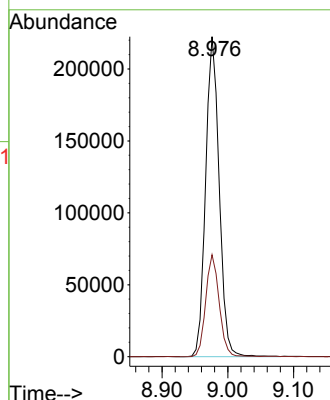
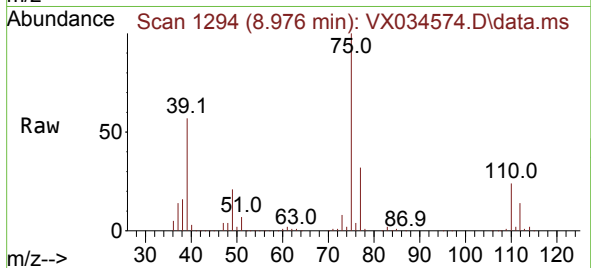
VSTDCCC050

Tgt Ion: 75 Resp: 319193

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 57.294 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX034574.D

Acq: 17 Mar 2023 11:03

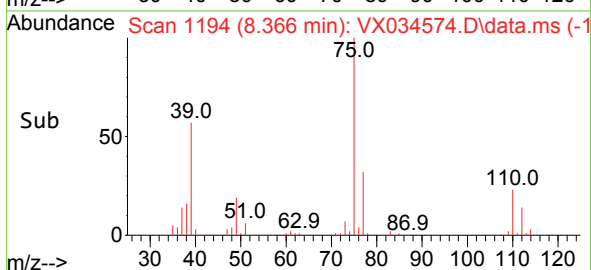
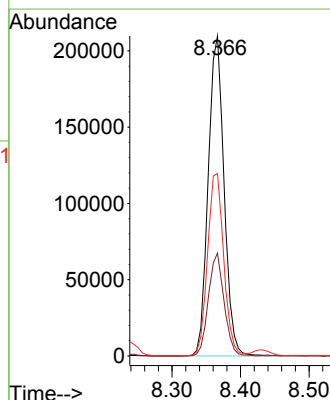
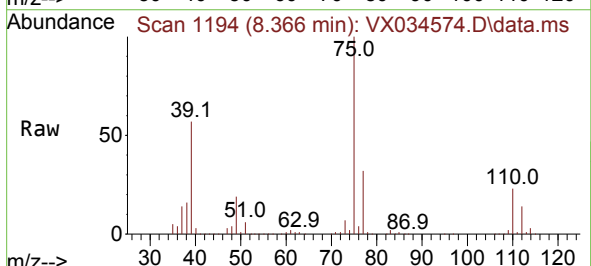
Tgt Ion: 75 Resp: 338020

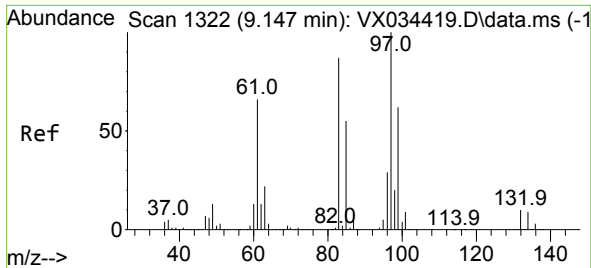
Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.4

39 57.0 44.6 66.8



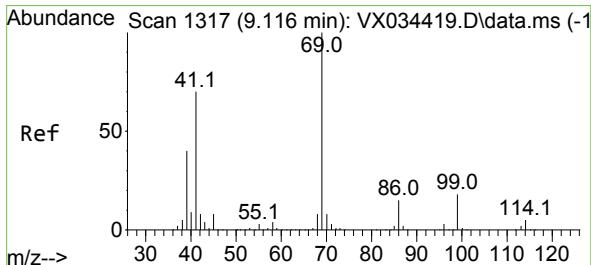
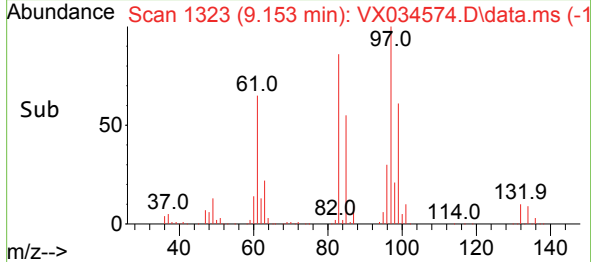
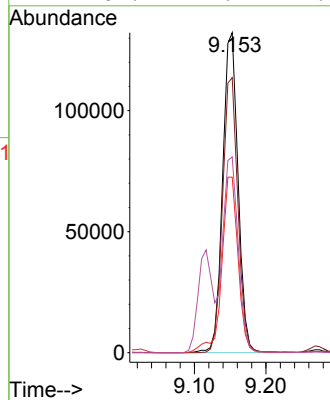
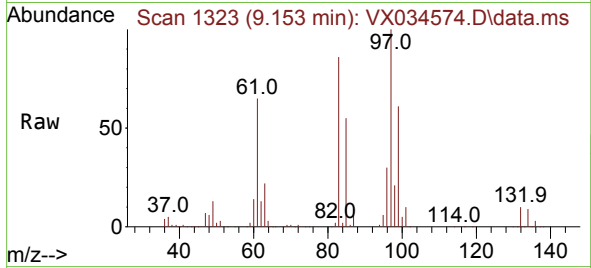


#55
1,1,2-Trichloroethane
Concen: 57.170 ug/l
RT: 9.153 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 197905

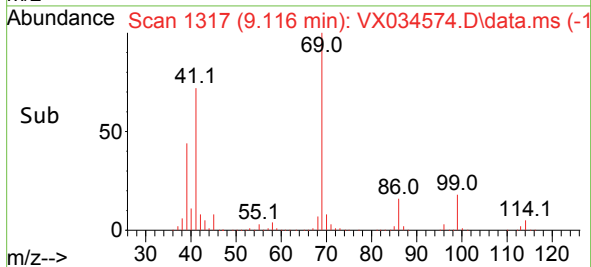
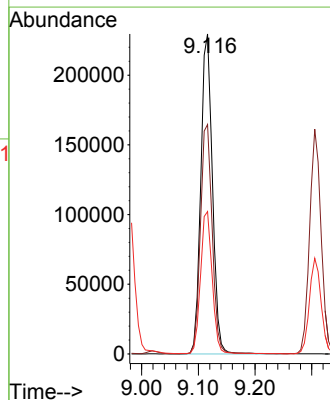
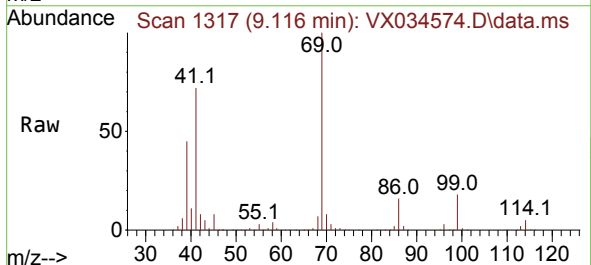
Ion	Ratio	Lower	Upper
97	100		
83	85.9	69.7	104.5
85	54.9	43.7	65.5
99	61.2	49.7	74.5

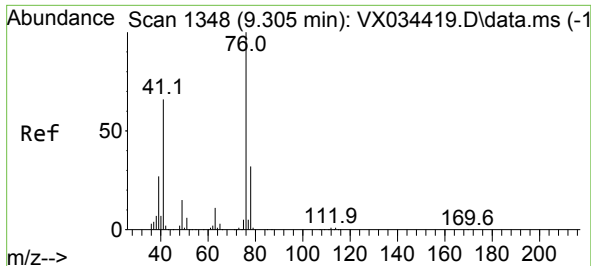


#56
Ethyl methacrylate
Concen: 57.445 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

Tgt Ion: 69 Resp: 326503

Ion	Ratio	Lower	Upper
69	100		
41	72.5	57.4	86.0
39	44.8	33.7	50.5





#57

1,3-Dichloropropane

Concen: 55.825 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034574.D

Acq: 17 Mar 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

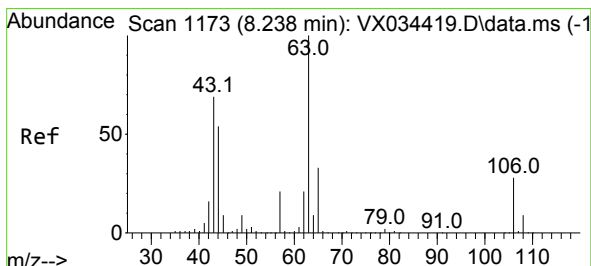
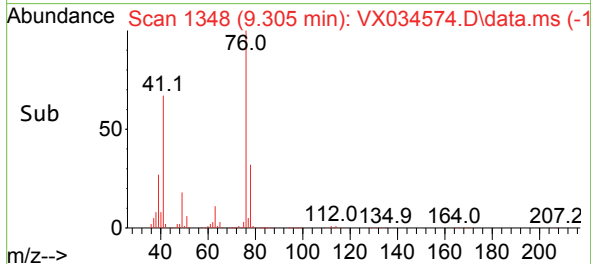
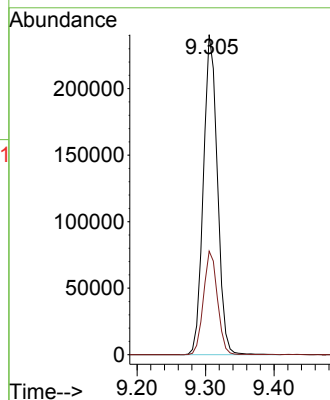
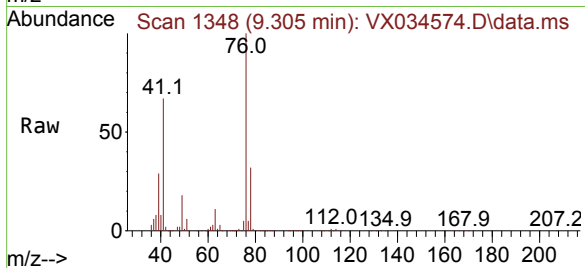
VSTDCCC050

Tgt Ion: 76 Resp: 343461

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 203.498 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034574.D

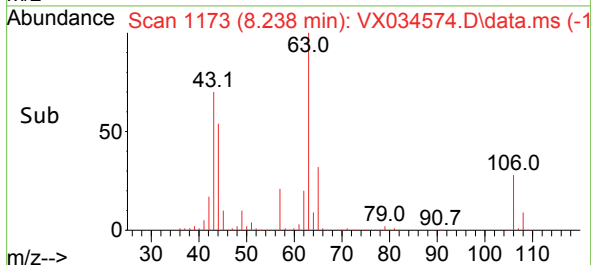
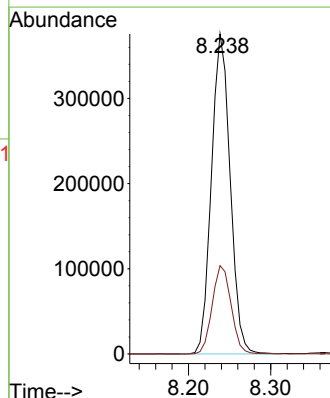
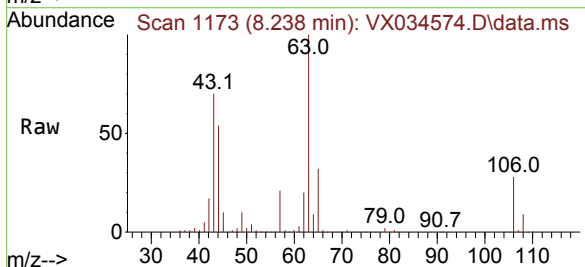
Acq: 17 Mar 2023 11:03

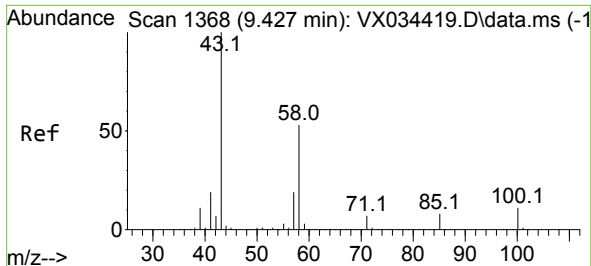
Tgt Ion: 63 Resp: 596076

Ion Ratio Lower Upper

63 100

106 27.8 22.2 33.2

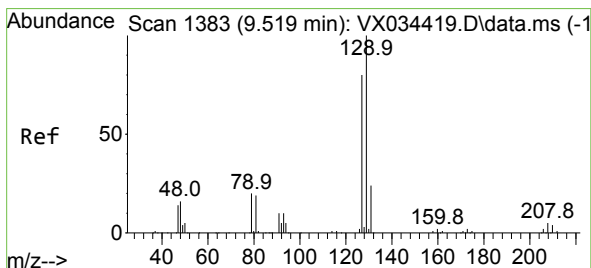
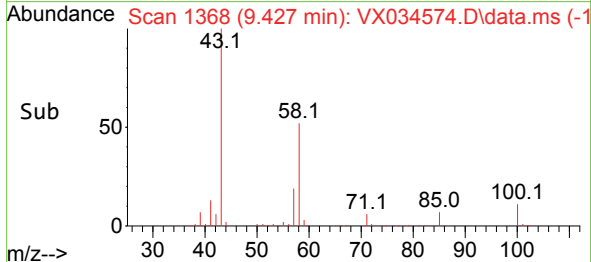
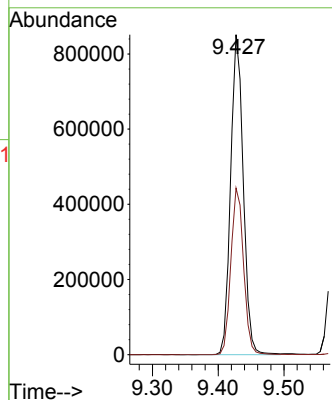
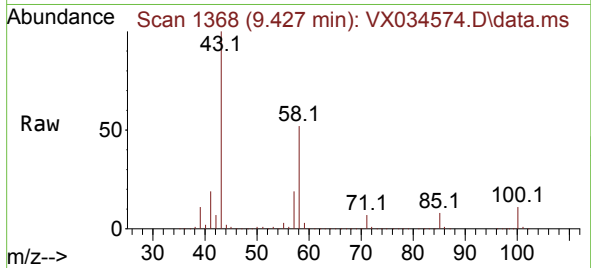




#59
2-Hexanone
Concen: 284.767 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

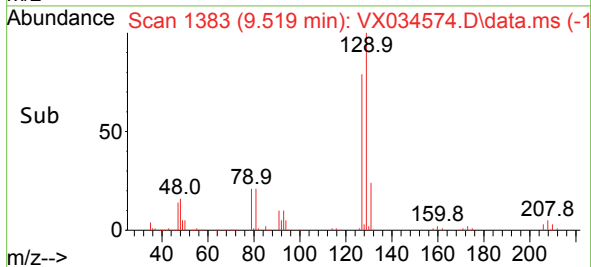
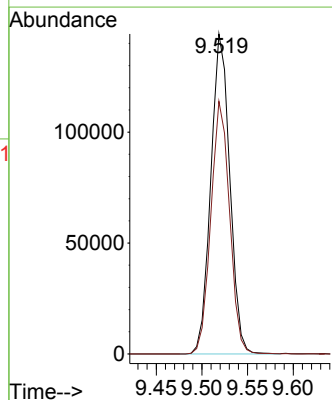
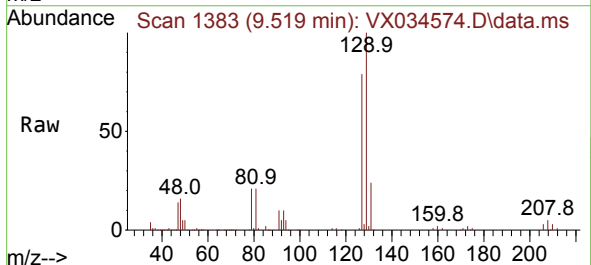
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

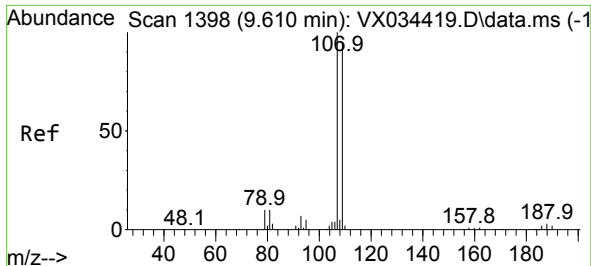
Tgt Ion: 43 Resp: 1138222
Ion Ratio Lower Upper
43 100
58 52.5 26.3 78.9



#60
Dibromochloromethane
Concen: 57.203 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

Tgt Ion: 129 Resp: 207681
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0

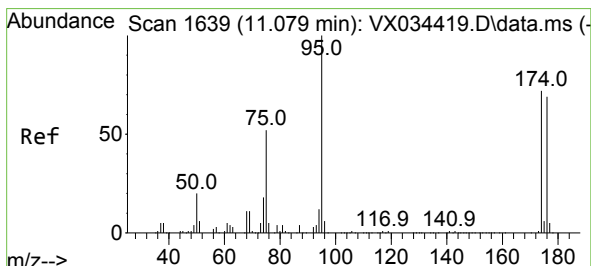
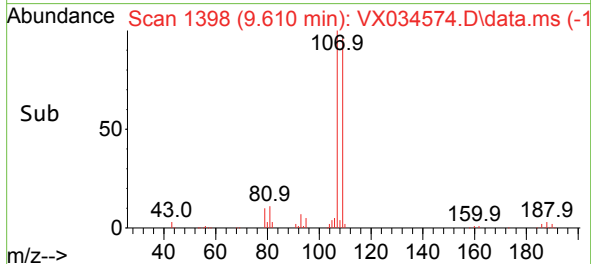
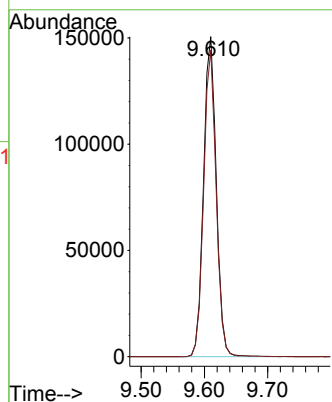
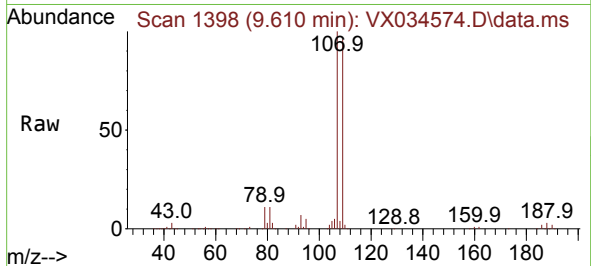




#61
1,2-Dibromoethane
Concen: 56.533 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

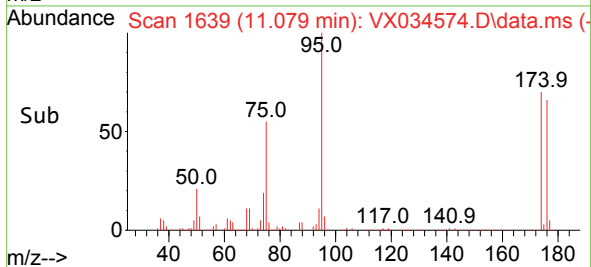
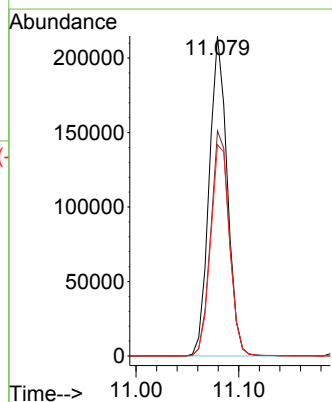
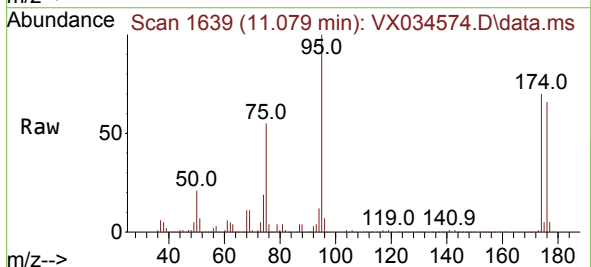
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

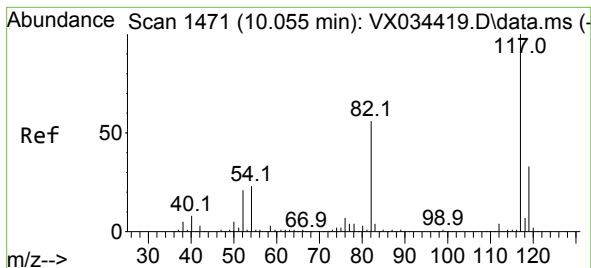
Tgt Ion:107 Resp: 211181
Ion Ratio Lower Upper
107 100
109 94.1 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 55.307 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

Tgt Ion: 95 Resp: 261497
Ion Ratio Lower Upper
95 100
174 72.6 0.0 147.4
176 69.6 0.0 140.6

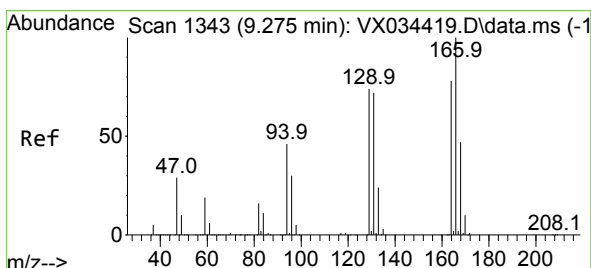
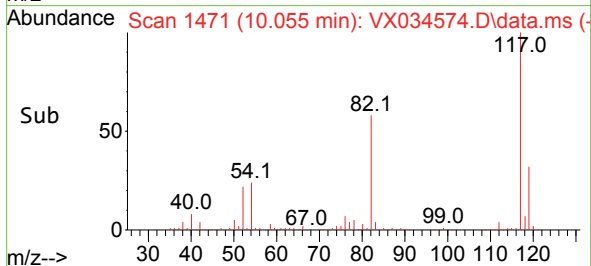
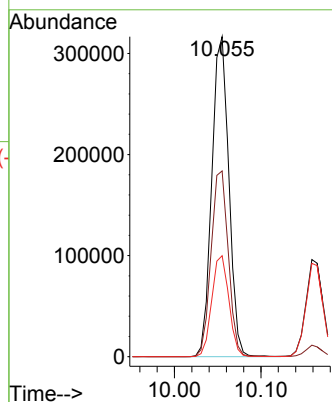
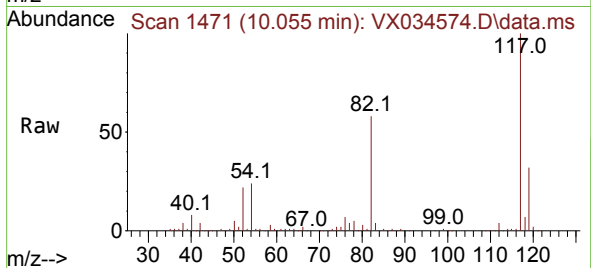




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

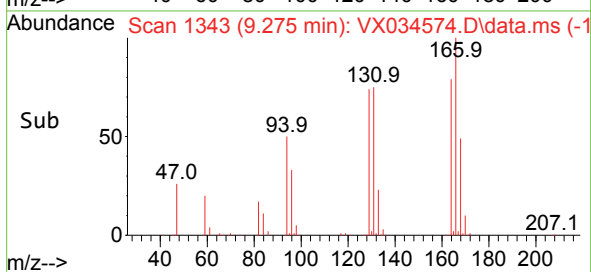
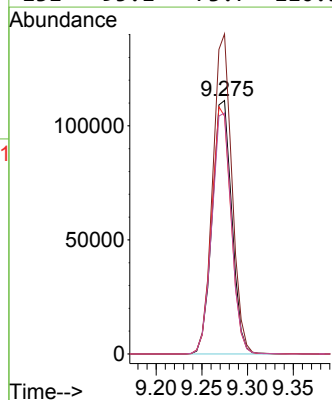
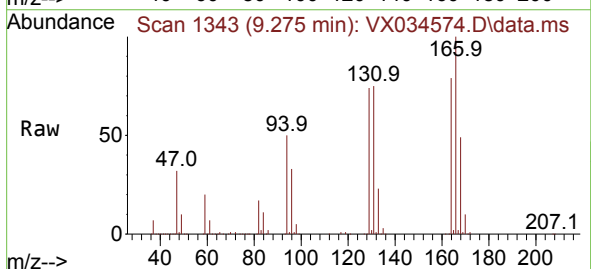
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

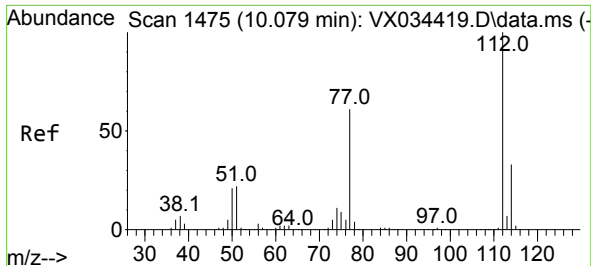
Tgt Ion:117 Resp: 432625
Ion Ratio Lower Upper
117 100
82 58.0 45.0 67.4
119 31.6 26.0 39.0



#64
Tetrachloroethene
Concen: 56.784 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

Tgt Ion:164 Resp: 165020
Ion Ratio Lower Upper
164 100
166 126.2 102.7 154.1
129 93.8 75.6 113.4
131 95.1 73.7 110.5

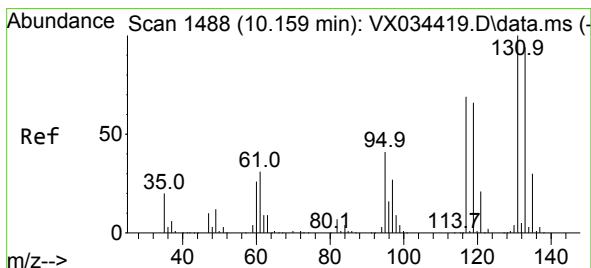
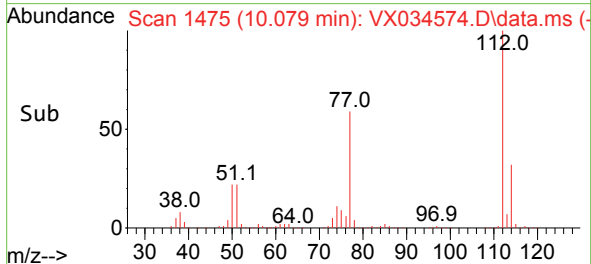
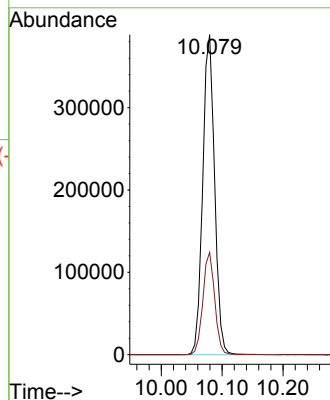
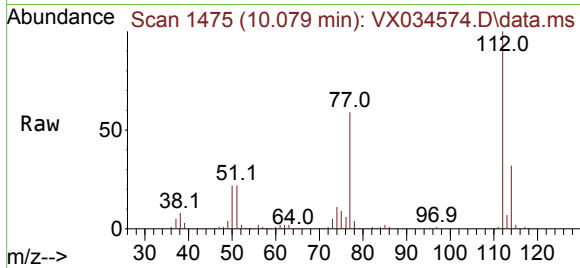




#65
Chlorobenzene
Concen: 55.543 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

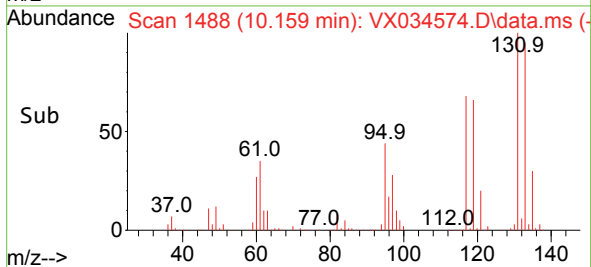
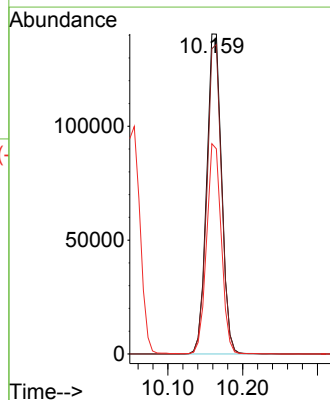
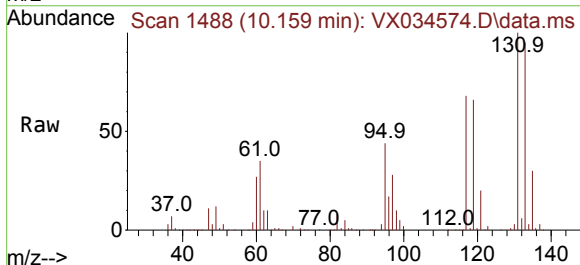
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

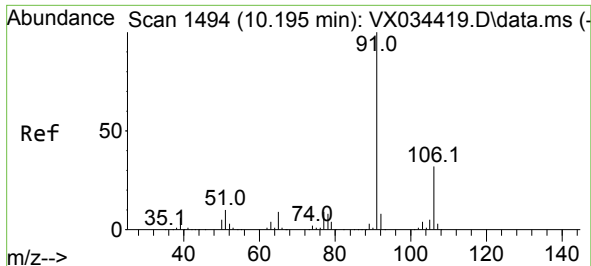
Tgt Ion:112 Resp: 527223
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 56.509 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

Tgt Ion:131 Resp: 195358
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.4
119 64.6 32.6 98.0





#67

Ethyl Benzene

Concen: 56.744 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX034574.D

Acq: 17 Mar 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

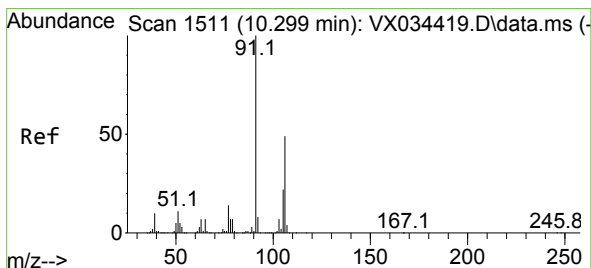
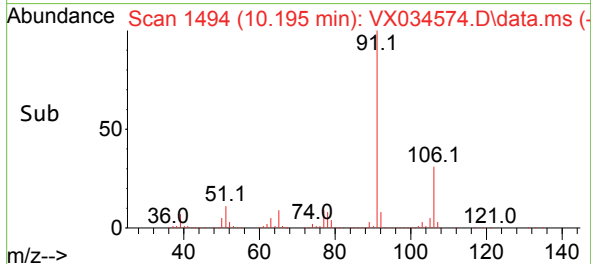
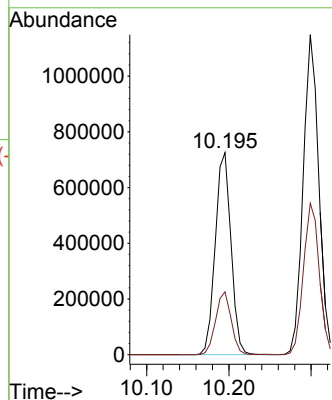
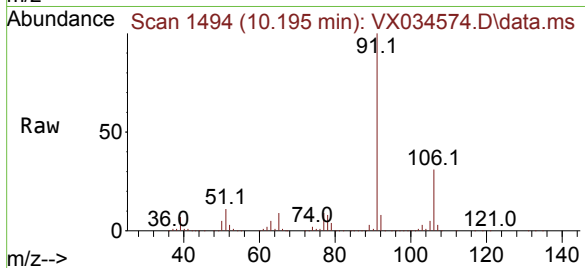
VSTDCCC050

Tgt Ion: 91 Resp: 964259

Ion Ratio Lower Upper

91 100

106 31.2 25.6 38.4



#68

m/p-Xylenes

Concen: 112.092 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX034574.D

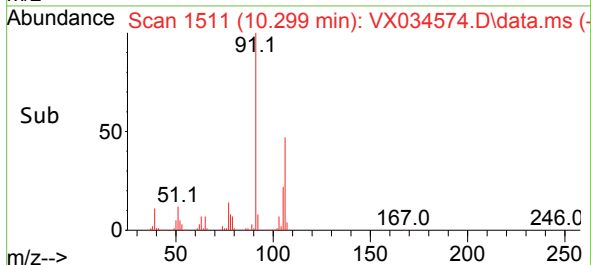
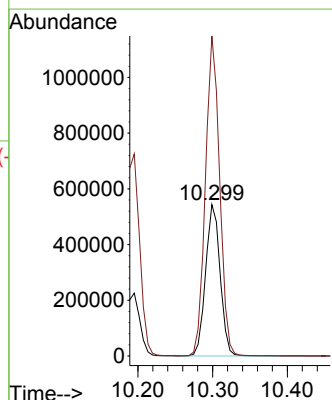
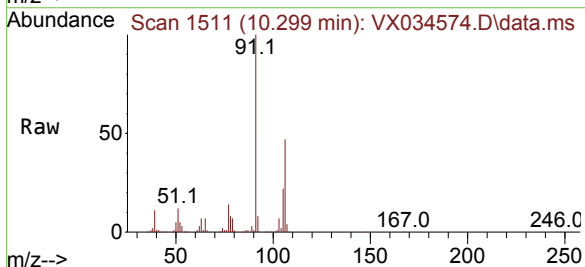
Acq: 17 Mar 2023 11:03

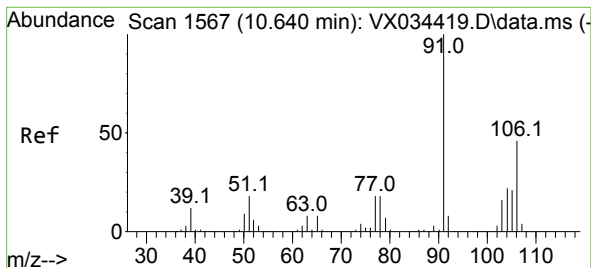
Tgt Ion: 106 Resp: 731711

Ion Ratio Lower Upper

106 100

91 207.6 164.0 246.0





#69

o-Xylene

Concen: 55.651 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX034574.D

Acq: 17 Mar 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

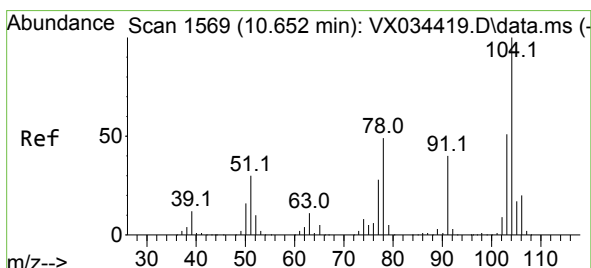
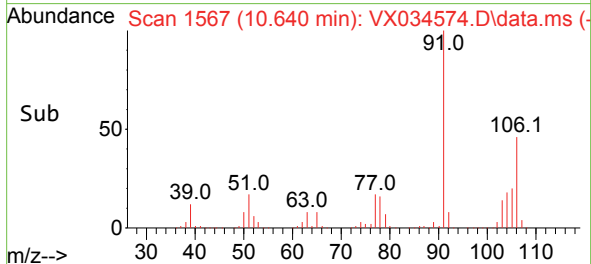
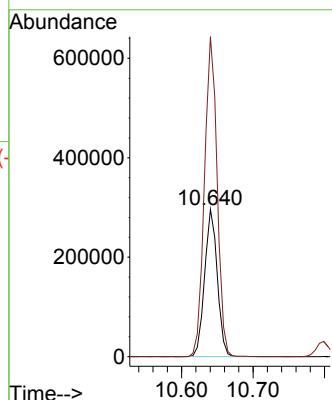
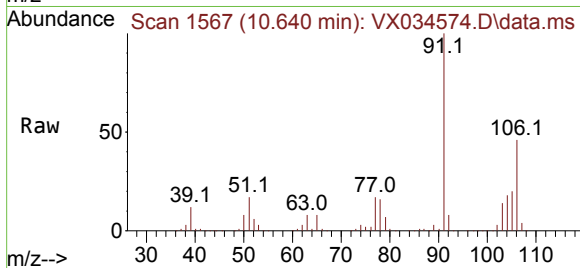
VSTDCCC050

Tgt Ion:106 Resp: 364563

Ion Ratio Lower Upper

106 100

91 218.3 108.5 325.3



#70

Styrene

Concen: 57.310 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX034574.D

Acq: 17 Mar 2023 11:03

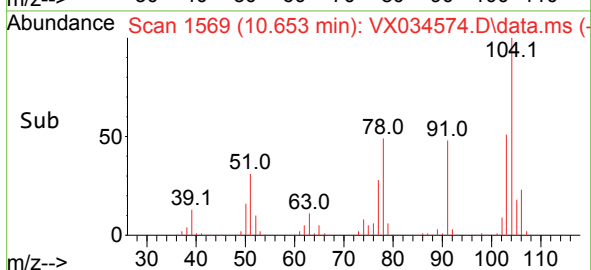
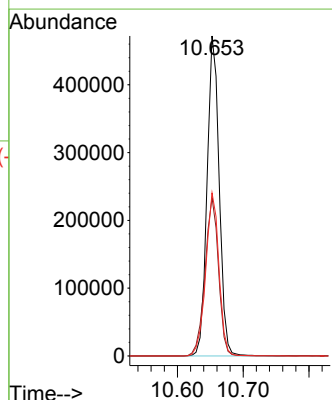
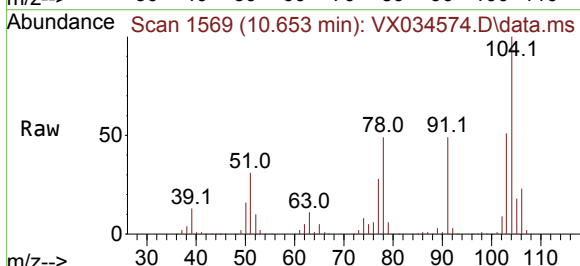
Tgt Ion:104 Resp: 605716

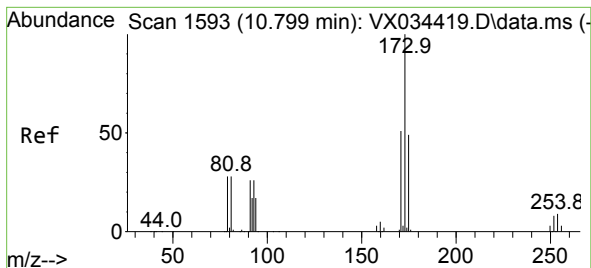
Ion Ratio Lower Upper

104 100

78 55.0 43.4 65.2

103 55.5 44.2 66.2





#71

Bromoform

Concen: 55.766 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034574.D

Acq: 17 Mar 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

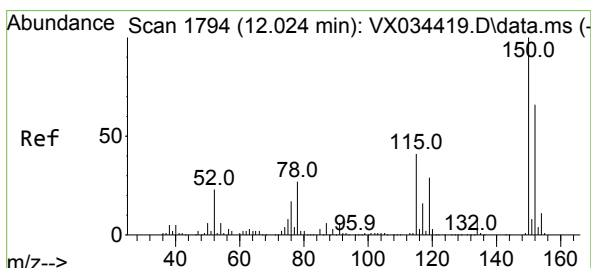
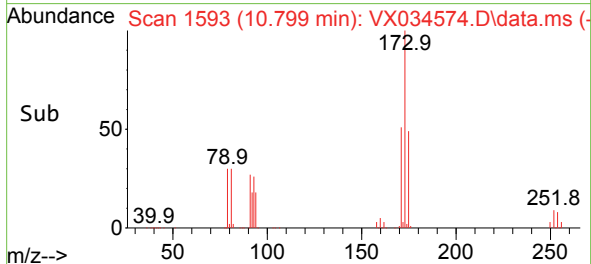
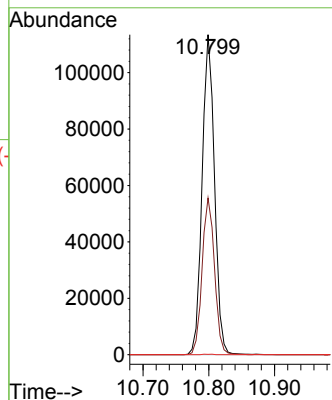
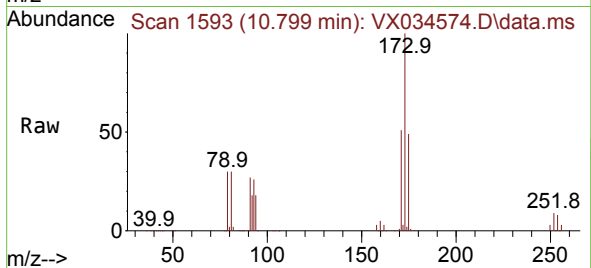
Tgt Ion:173 Resp: 148402

Ion Ratio Lower Upper

173 100

175 49.2 24.1 72.4

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034574.D

Acq: 17 Mar 2023 11:03

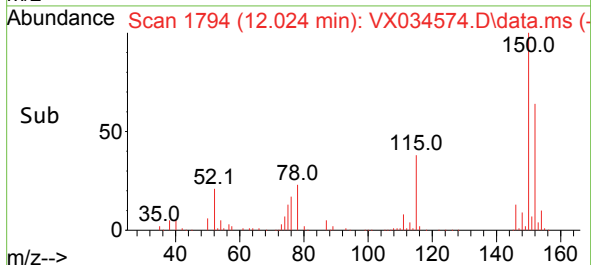
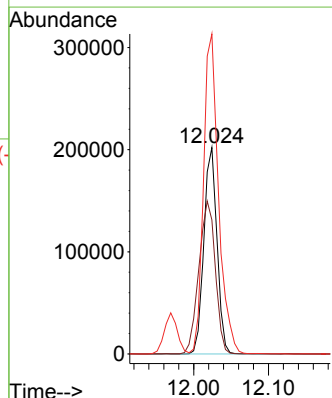
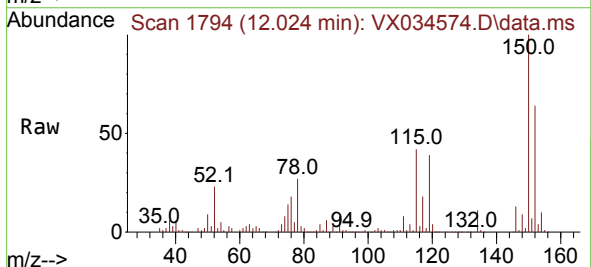
Tgt Ion:152 Resp: 246519

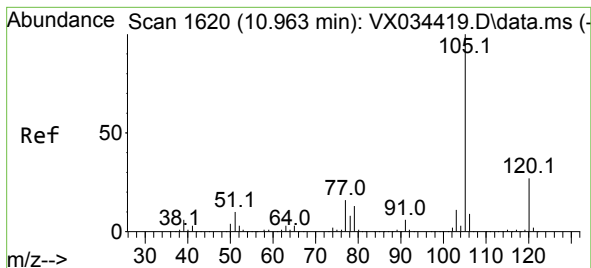
Ion Ratio Lower Upper

152 100

115 93.0 45.0 135.0

150 177.6 0.0 352.4





#73

Isopropylbenzene

Concen: 50.993 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034574.D

Acq: 17 Mar 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

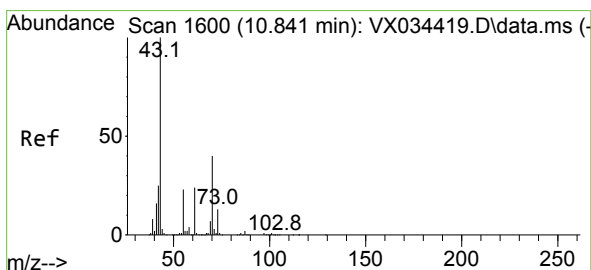
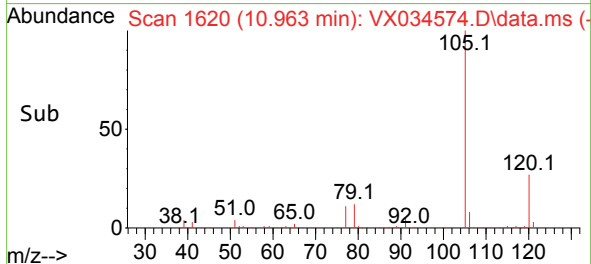
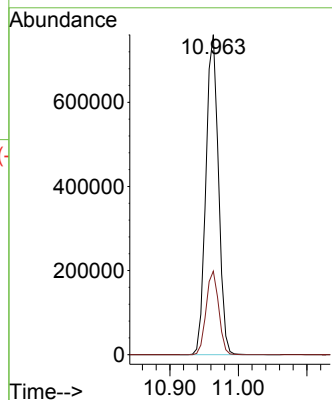
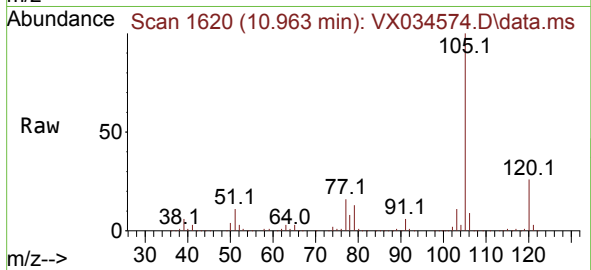
VSTDCCC050

Tgt Ion:105 Resp: 971569

Ion Ratio Lower Upper

105 100

120 26.1 13.3 39.9



#74

N-ethyl acetate

Concen: 51.507 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX034574.D

Acq: 17 Mar 2023 11:03

Tgt Ion: 43 Resp: 470036

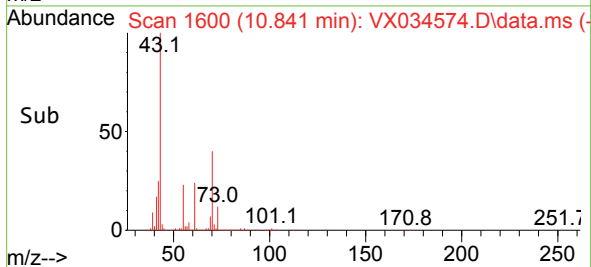
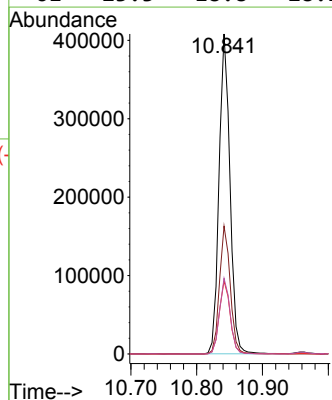
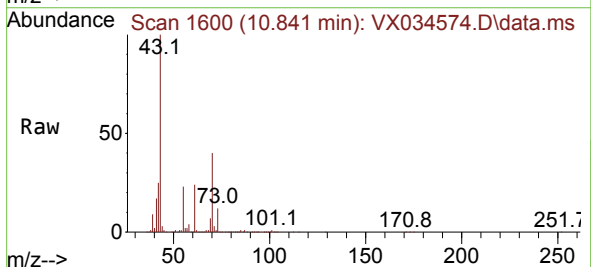
Ion Ratio Lower Upper

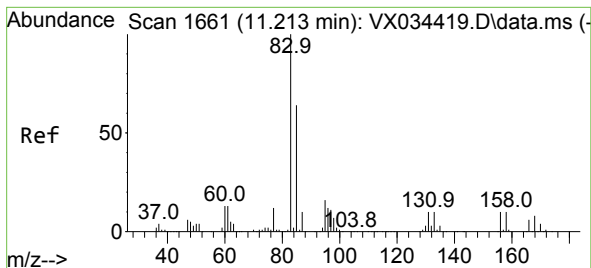
43 100

70 39.7 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: 50.388 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX034574.D

Acq: 17 Mar 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

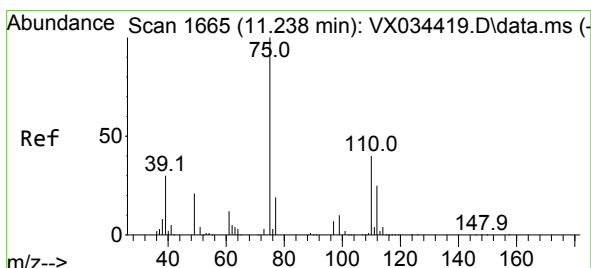
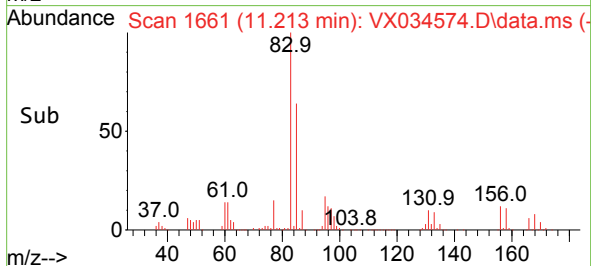
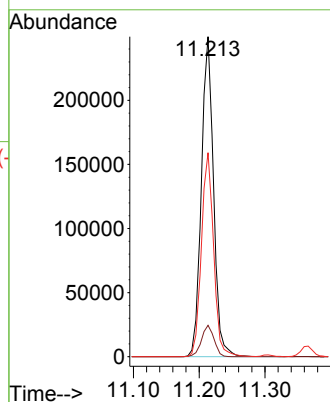
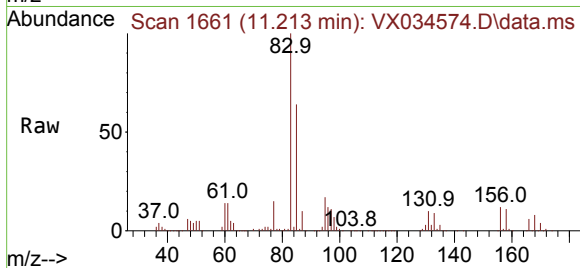
Tgt Ion: 83 Resp: 320363

Ion Ratio Lower Upper

83 100

131 10.1 4.8 14.3

85 64.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 64.935 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX034574.D

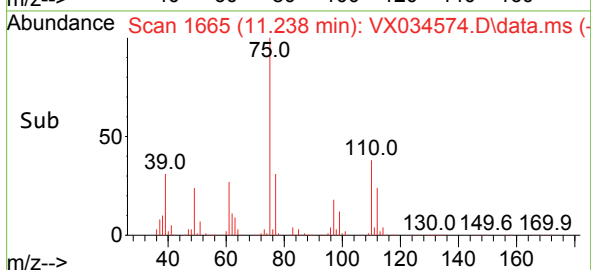
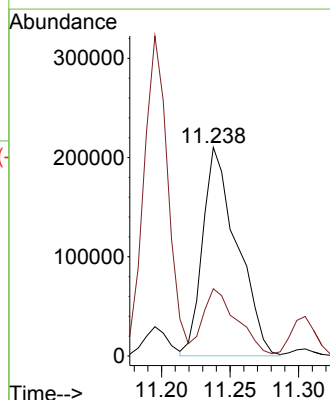
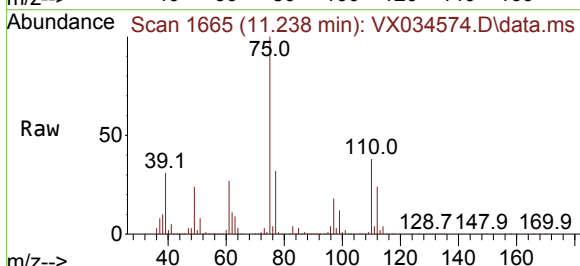
Acq: 17 Mar 2023 11:03

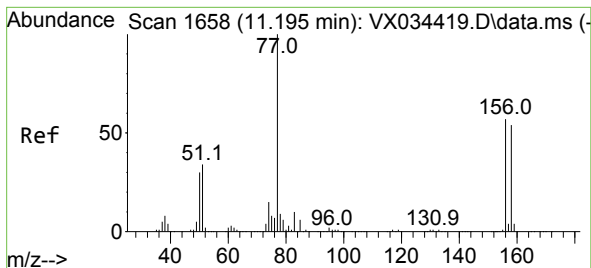
Tgt Ion: 75 Resp: 367557

Ion Ratio Lower Upper

75 100

77 32.1 21.6 64.8





#77

Bromobenzene

Concen: 50.074 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034574.D

Acq: 17 Mar 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

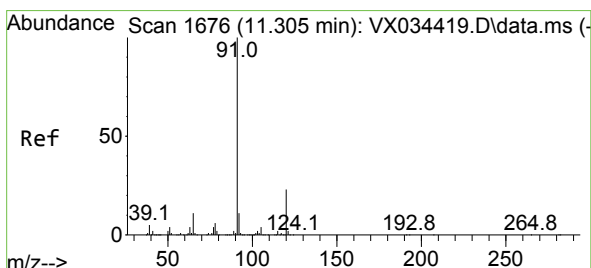
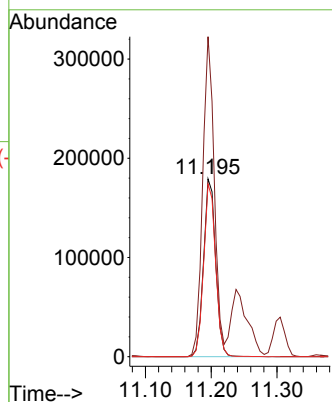
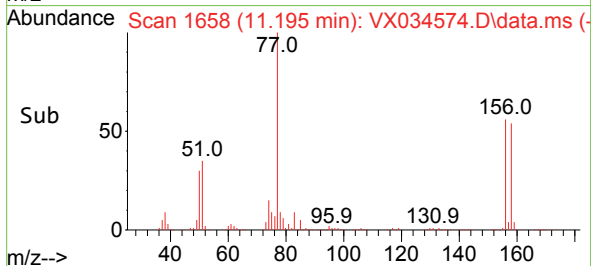
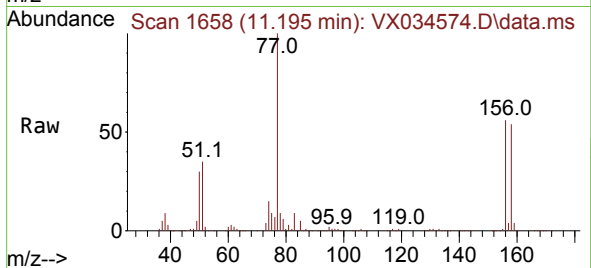
Tgt Ion:156 Resp: 228898

Ion Ratio Lower Upper

156 100

77 173.1 86.7 259.9

158 96.5 48.0 144.0



#78

n-propylbenzene

Concen: 52.673 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX034574.D

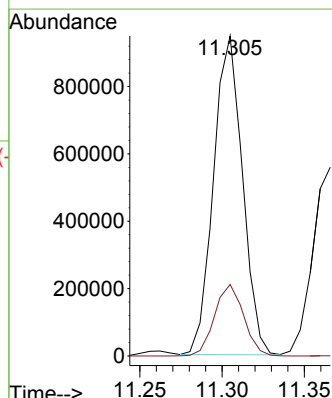
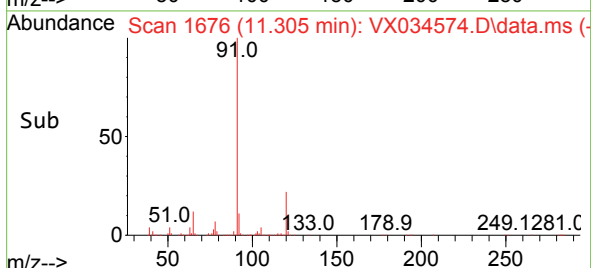
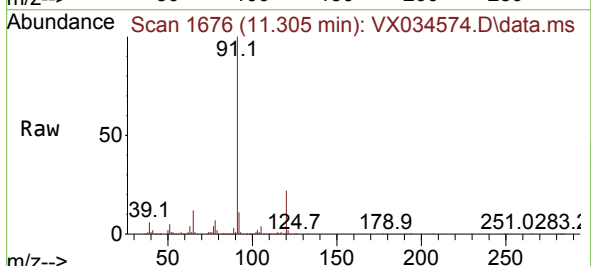
Acq: 17 Mar 2023 11:03

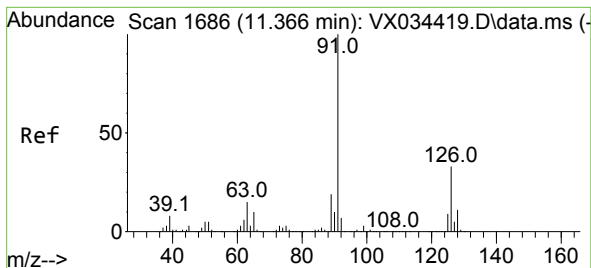
Tgt Ion: 91 Resp: 1159006

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.5

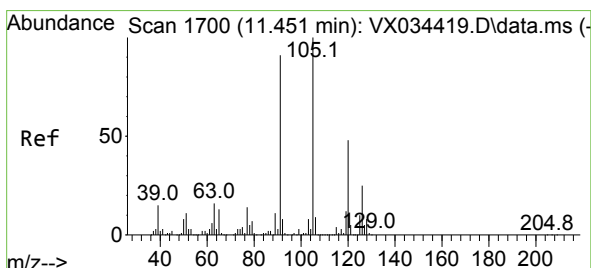
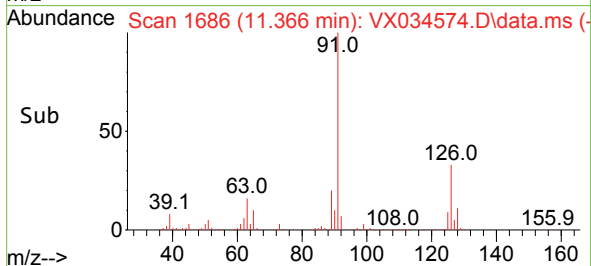
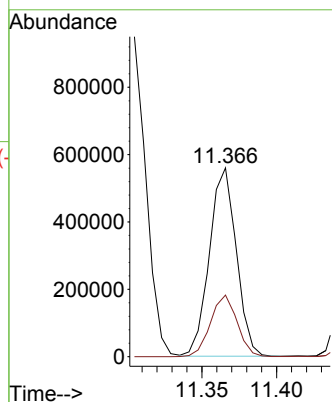
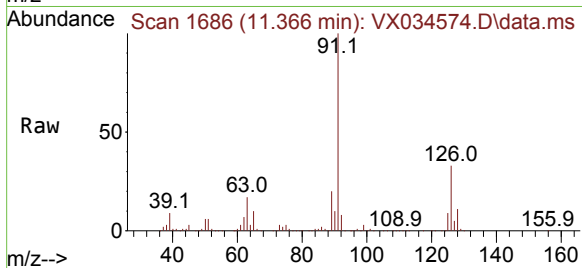




#79
2-Chlorotoluene
Concen: 51.547 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

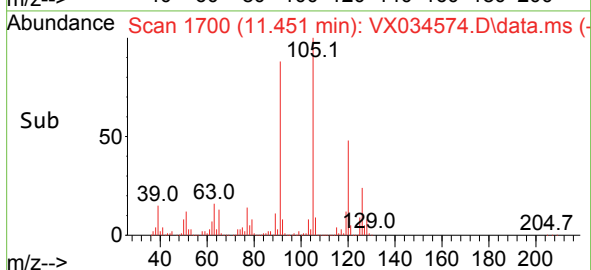
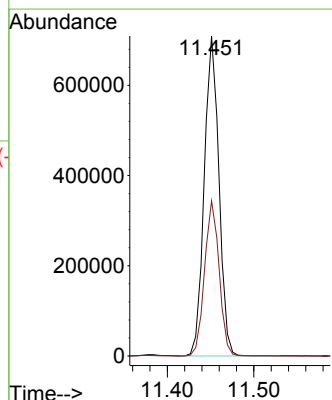
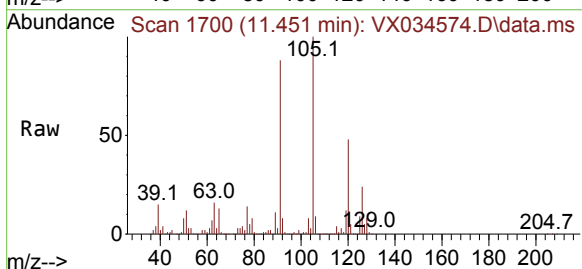
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

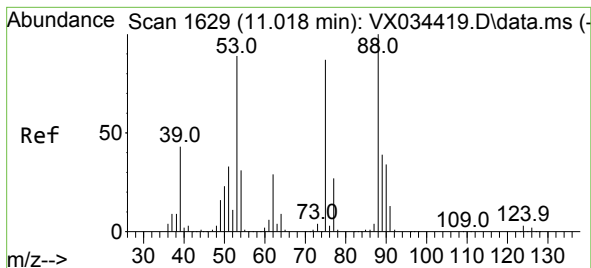
Tgt Ion: 91 Resp: 700513
Ion Ratio Lower Upper
91 100
126 32.3 16.3 48.9



#80
1,3,5-Trimethylbenzene
Concen: 52.241 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

Tgt Ion: 105 Resp: 834855
Ion Ratio Lower Upper
105 100
120 47.9 23.7 71.1

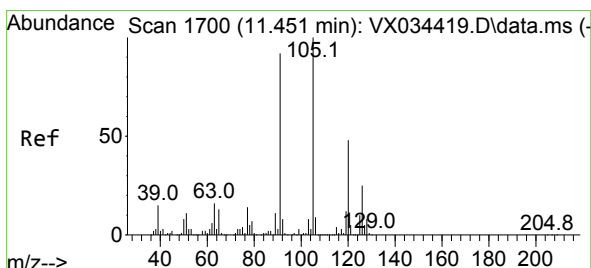
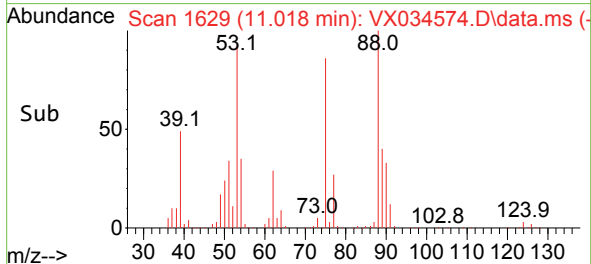
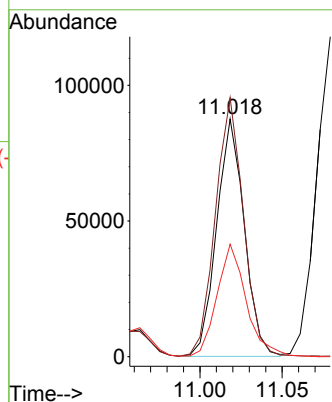
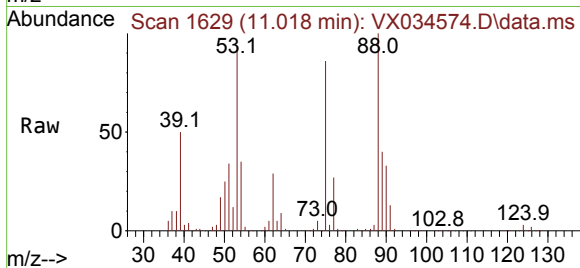




#81
trans-1,4-Dichloro-2-butene
Concen: 48.921 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

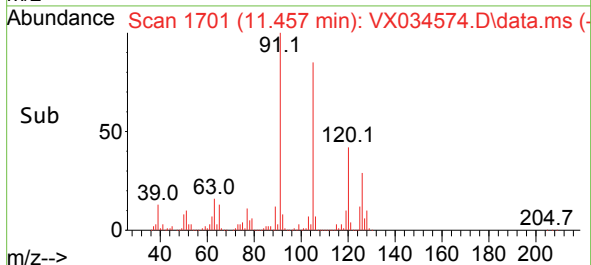
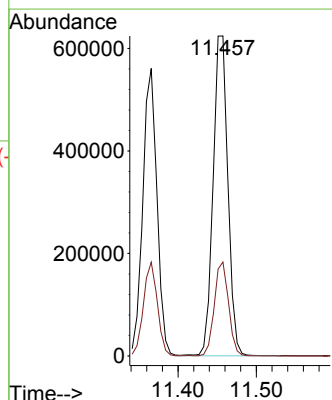
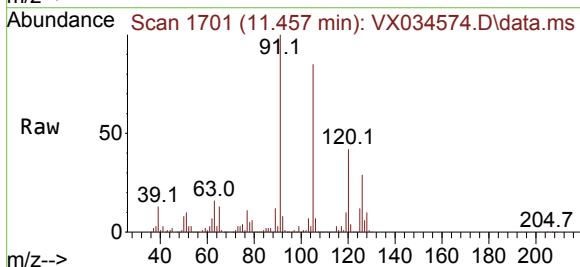
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

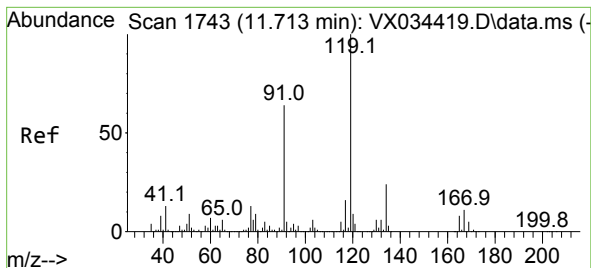
Tgt Ion: 75 Resp: 102358
Ion Ratio Lower Upper
75 100
53 111.3 82.6 124.0
89 50.3 36.9 55.3



#82
4-Chlorotoluene
Concen: 52.198 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

Tgt Ion: 91 Resp: 817061
Ion Ratio Lower Upper
91 100
126 28.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 56.371 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX034574.D

Acq: 17 Mar 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

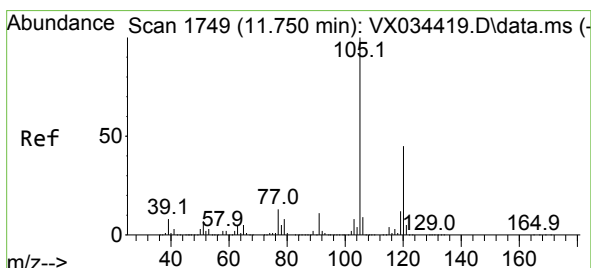
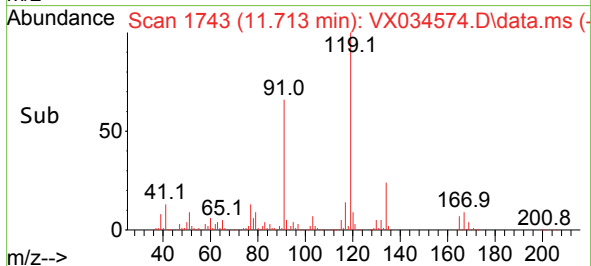
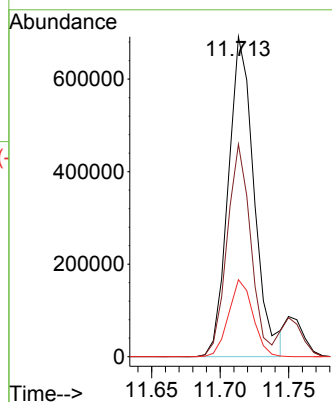
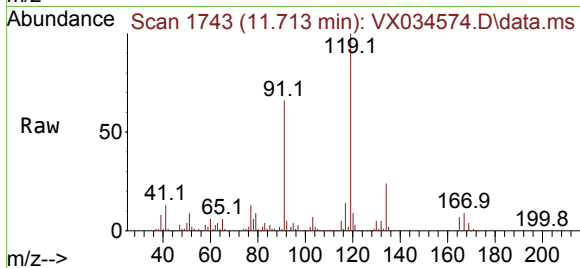
Tgt Ion:119 Resp: 908295

Ion Ratio Lower Upper

119 100

91 60.9 30.6 92.0

134 22.7 11.8 35.4



#84

1,2,4-Trimethylbenzene

Concen: 55.907 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX034574.D

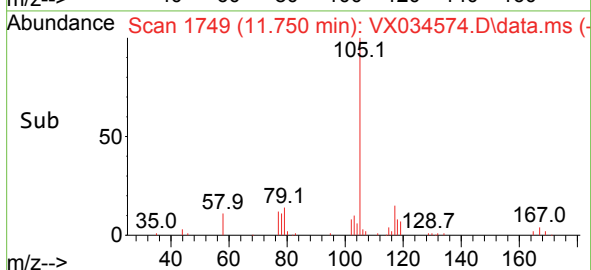
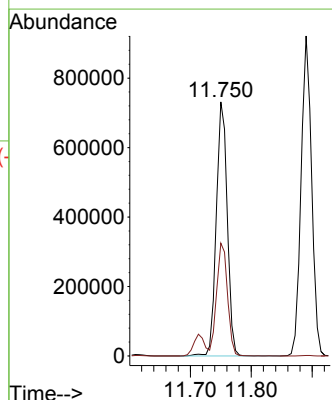
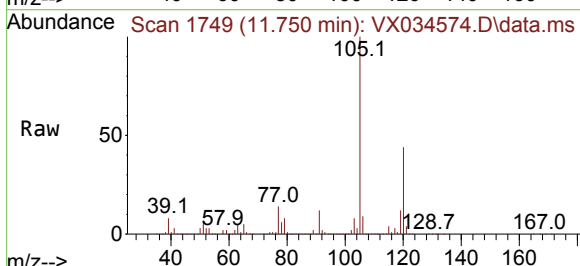
Acq: 17 Mar 2023 11:03

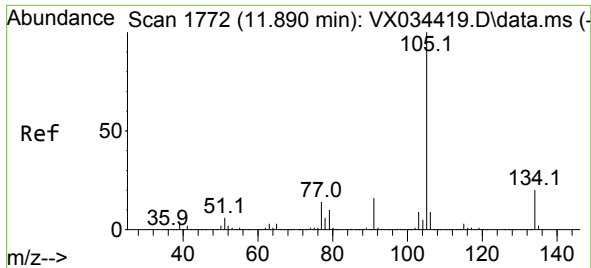
Tgt Ion:105 Resp: 913099

Ion Ratio Lower Upper

105 100

120 43.8 22.4 67.0

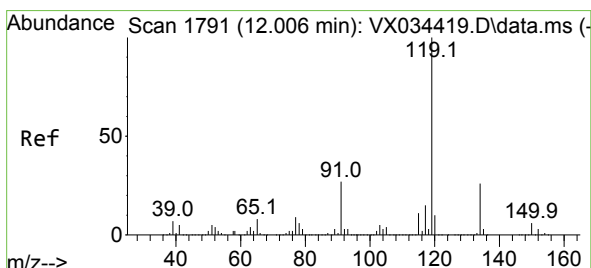
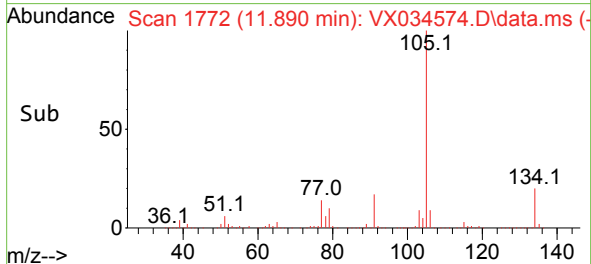
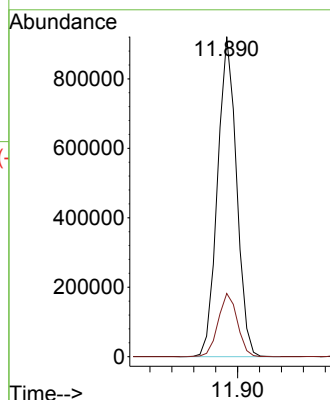
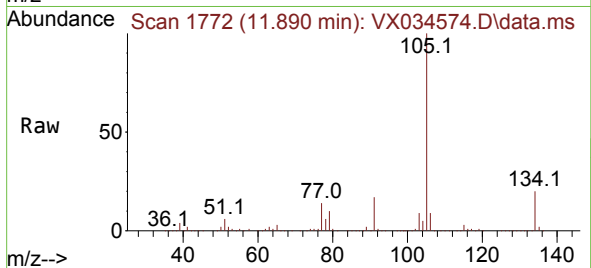




#85
 sec-Butylbenzene
 Concen: 56.261 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034574.D
 Acq: 17 Mar 2023 11:03

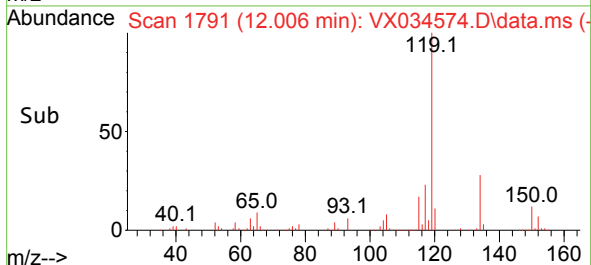
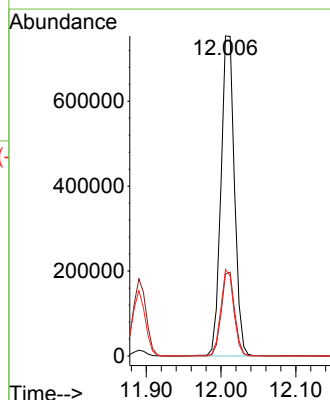
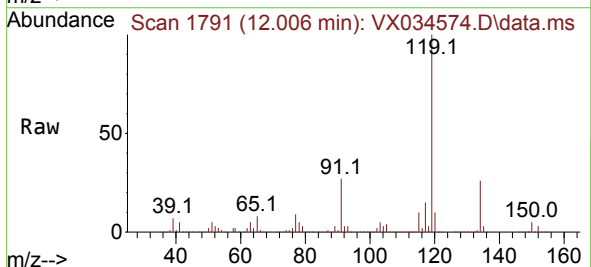
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

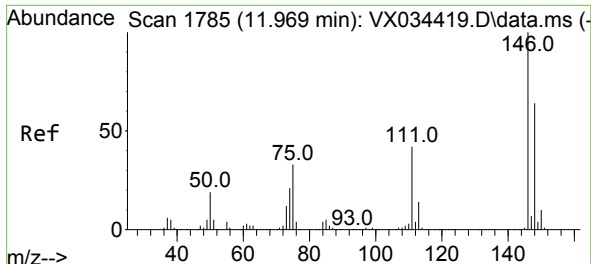
Tgt Ion:105 Resp: 1108256
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 57.183 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034574.D
 Acq: 17 Mar 2023 11:03

Tgt Ion:119 Resp: 946695
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.5
 91 25.9 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 54.091 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034574.D

Acq: 17 Mar 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

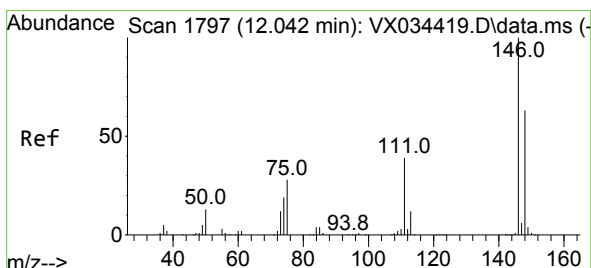
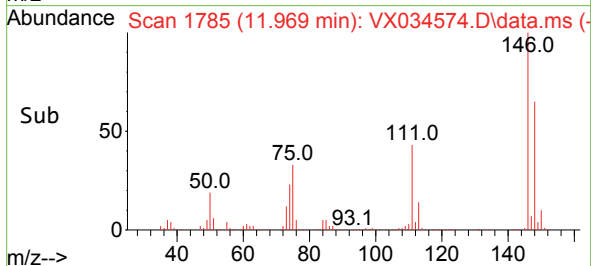
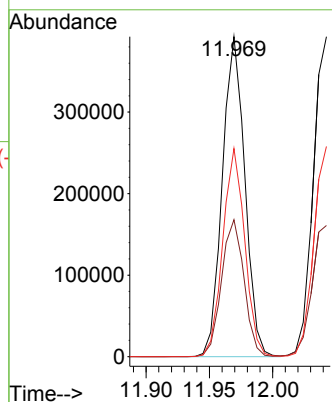
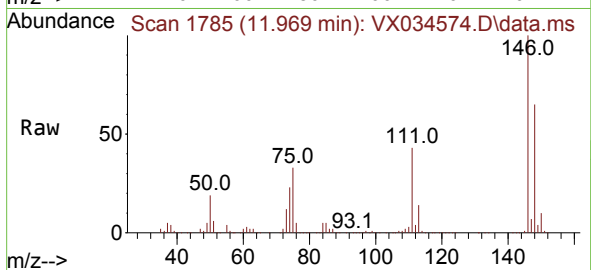
Tgt Ion:146 Resp: 484469

Ion Ratio Lower Upper

146 100

111 42.9 20.9 62.8

148 63.5 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 53.898 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034574.D

Acq: 17 Mar 2023 11:03

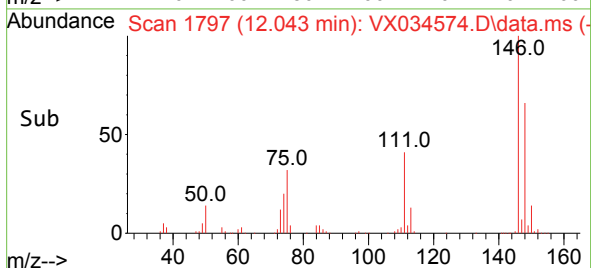
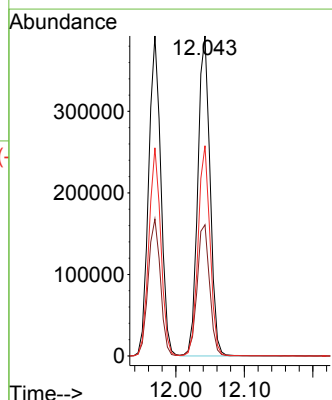
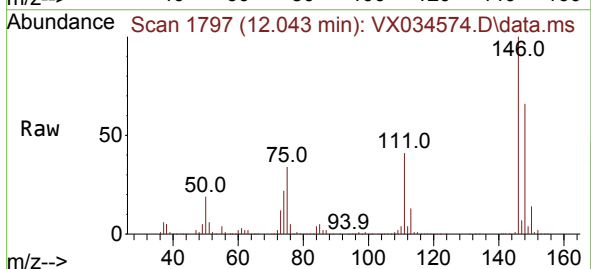
Tgt Ion:146 Resp: 488127

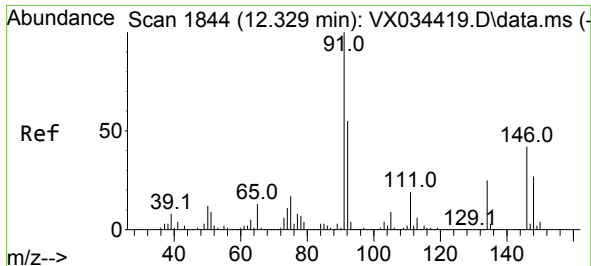
Ion Ratio Lower Upper

146 100

111 42.0 20.6 61.9

148 63.8 31.8 95.4

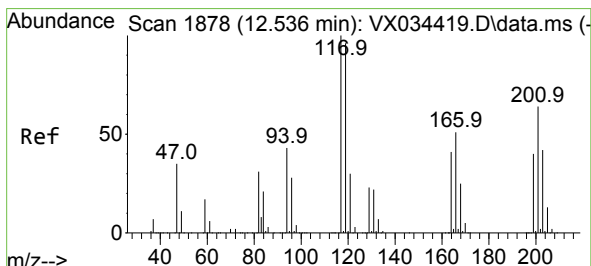
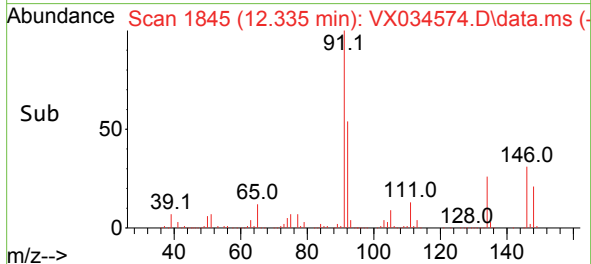
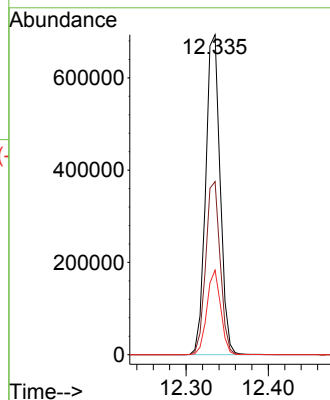
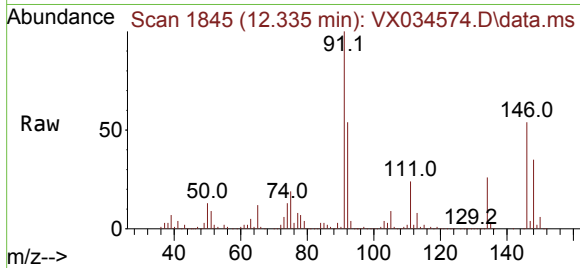




#89
n-Butylbenzene
Concen: 57.496 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

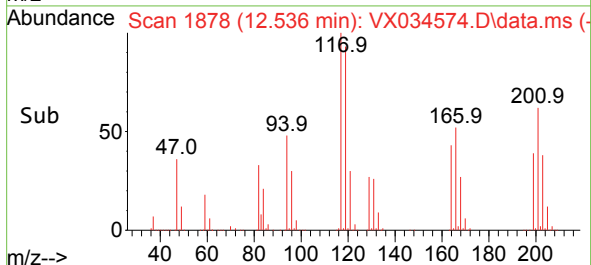
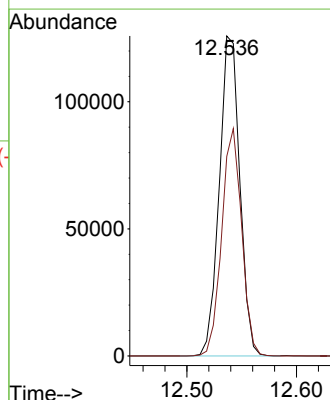
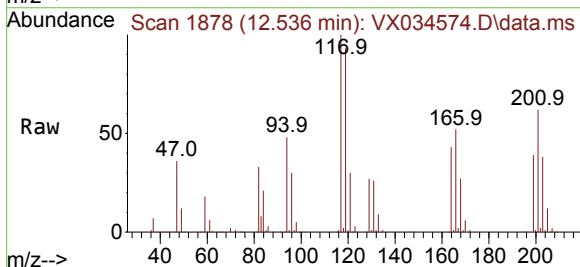
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

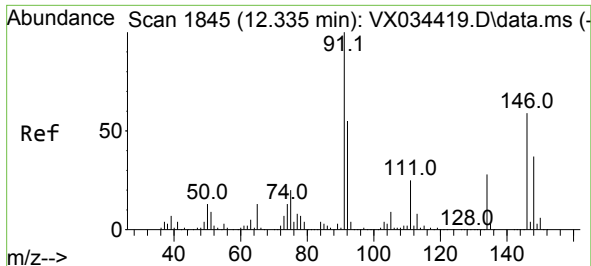
Tgt Ion: 91 Resp: 846214
Ion Ratio Lower Upper
91 100
92 54.3 27.7 83.0
134 25.3 13.0 38.9



#90
Hexachloroethane
Concen: 53.512 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034574.D
Acq: 17 Mar 2023 11:03

Tgt Ion: 117 Resp: 163928
Ion Ratio Lower Upper
117 100
201 69.1 34.4 103.1

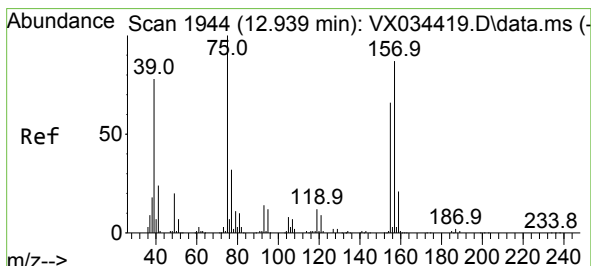
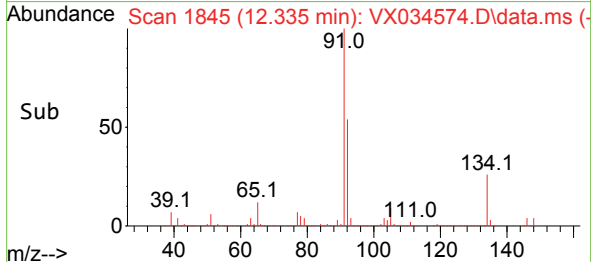
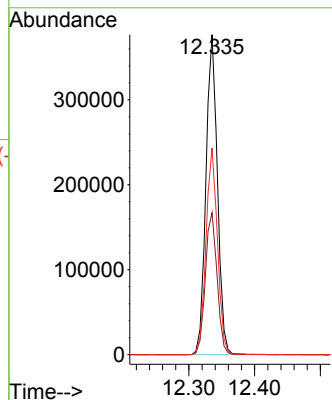
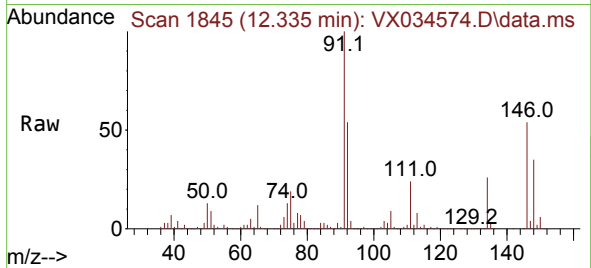




#91
 1,2-Dichlorobenzene
 Concen: 52.798 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX034574.D
 Acq: 17 Mar 2023 11:03

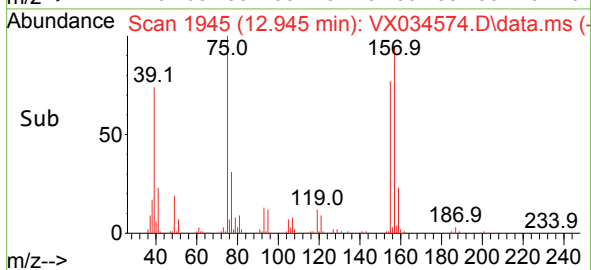
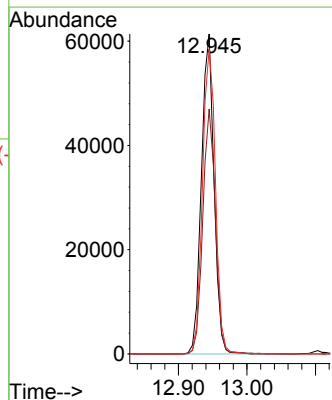
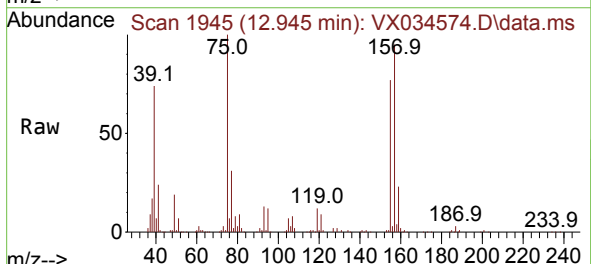
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

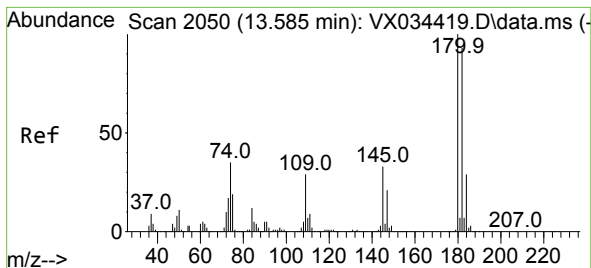
Tgt Ion:146 Resp: 457000
 Ion Ratio Lower Upper
 146 100
 111 45.4 22.0 66.0
 148 64.6 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.567 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. 0.006 min
 Lab File: VX034574.D
 Acq: 17 Mar 2023 11:03

Tgt Ion: 75 Resp: 78822
 Ion Ratio Lower Upper
 75 100
 155 76.2 38.4 115.1
 157 98.1 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 54.993 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX034574.D

Acq: 17 Mar 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

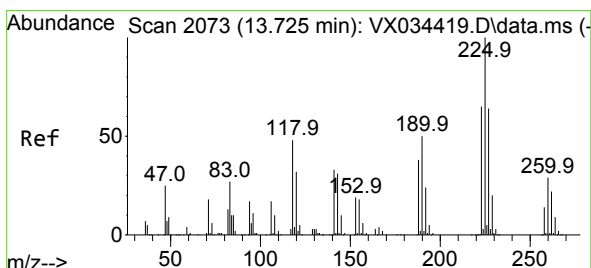
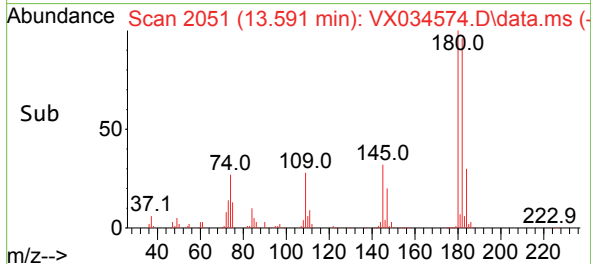
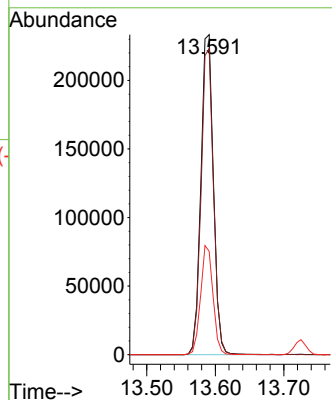
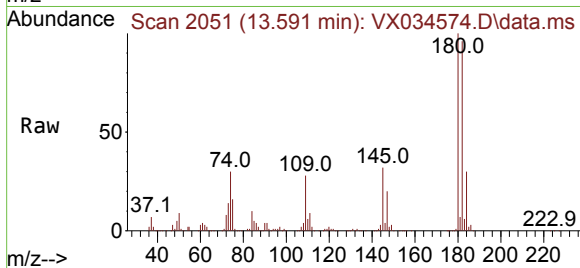
Tgt Ion:180 Resp: 297667

Ion Ratio Lower Upper

180 100

182 94.8 47.0 141.0

145 33.6 15.9 47.7



#94

Hexachlorobutadiene

Concen: 58.206 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034574.D

Acq: 17 Mar 2023 11:03

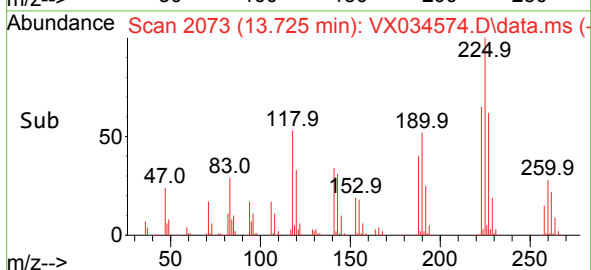
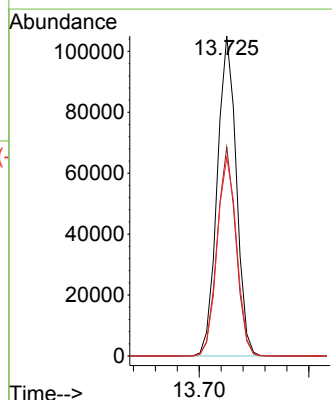
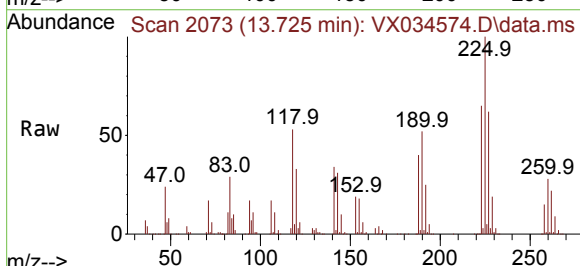
Tgt Ion:225 Resp: 126927

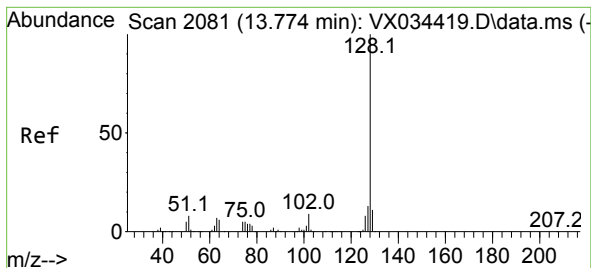
Ion Ratio Lower Upper

225 100

223 63.9 32.1 96.5

227 63.5 31.8 95.4





#95

Naphthalene

Concen: 54.818 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX034574.D

Acq: 17 Mar 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

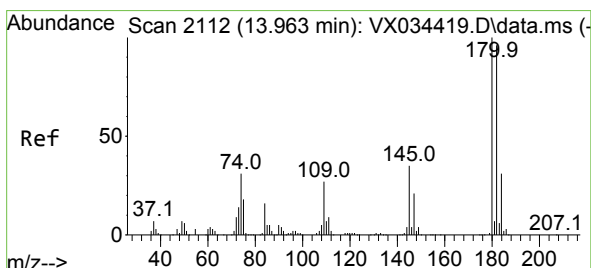
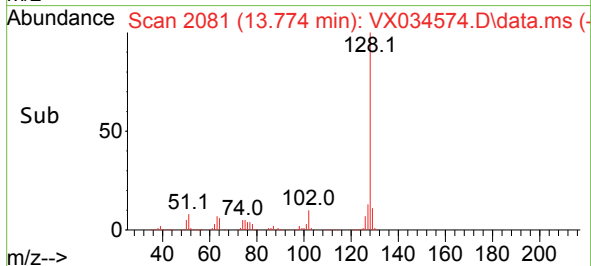
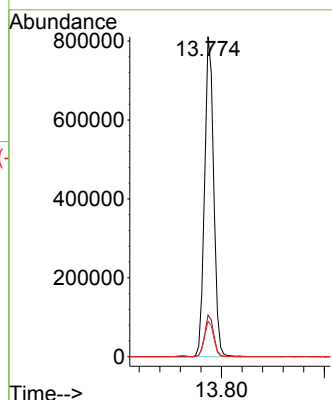
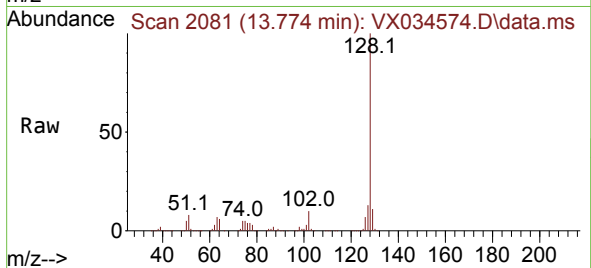
Tgt Ion:128 Resp: 995012

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 55.575 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX034574.D

Acq: 17 Mar 2023 11:03

Tgt Ion:180 Resp: 294049

Ion Ratio Lower Upper

180 100

182 93.1 48.0 144.2

145 34.7 17.7 53.1

