

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050123\
 Data File : VX035457.D
 Acq On : 01 May 2023 22:30
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050

Quant Time: May 02 02:41:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	194829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	340894	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	300762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	147217	62.632	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	125.260%#
35) Dibromofluoromethane	5.391	113	122100	58.357	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	116.720%
50) Toluene-d8	8.647	98	423059	53.600	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.200%
62) 4-Bromofluorobenzene	11.079	95	164652	55.454	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.900%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	91860	44.559	ug/l	97
3) Chloromethane	1.294	50	90624	48.323	ug/l	98
4) Vinyl Chloride	1.374	62	86661	46.073	ug/l	98
5) Bromomethane	1.617	94	53680	42.939	ug/l	99
6) Chloroethane	1.691	64	50901	46.270	ug/l	97
7) Trichlorofluoromethane	1.886	101	133574	45.411	ug/l	99
8) Diethyl Ether	2.136	74	60168	56.103	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	84096	42.806	ug/l	96
10) Methyl Iodide	2.453	142	105279	42.461	ug/l	98
11) Tert butyl alcohol	2.989	59	141973	331.729	ug/l #	81
12) 1,1-Dichloroethene	2.318	96	90361	47.753	ug/l	97
13) Acrolein	2.239	56	123511	293.454	ug/l	99
14) Allyl chloride	2.666	41	180140	54.095	ug/l	96
15) Acrylonitrile	3.068	53	341243	318.794	ug/l	100
16) Acetone	2.392	43	281179	275.433	ug/l	96
17) Carbon Disulfide	2.514	76	203455	44.851	ug/l	99
18) Methyl Acetate	2.703	43	259696	65.785	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	411691	63.416	ug/l	96
20) Methylene Chloride	2.788	84	125653	53.680	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	108376	52.734	ug/l	96
22) Diisopropyl ether	3.757	45	390570	59.270	ug/l	96
23) Vinyl Acetate	3.721	43	1426988	315.038	ug/l	97
24) 1,1-Dichloroethane	3.611	63	211071	56.865	ug/l	98
25) 2-Butanone	4.562	43	457181	306.823	ug/l	95
26) 2,2-Dichloropropane	4.477	77	146906	50.518	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	138355	57.272	ug/l	93
28) Bromochloromethane	4.897	49	101393	64.100	ug/l	84
29) Tetrahydrofuran	5.007	42	296500	310.409	ug/l	94
30) Chloroform	5.092	83	222139	59.283	ug/l	96
31) Cyclohexane	5.470	56	141986	42.584	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	176384	53.712	ug/l	96
36) 1,1-Dichloropropene	5.690	75	141340	43.262	ug/l	97
37) Ethyl Acetate	4.714	43	175797	58.915	ug/l	96
38) Carbon Tetrachloride	5.678	117	144777	46.681	ug/l	96
39) Methylcyclohexane	7.379	83	139481	35.074	ug/l	100
40) Benzene	6.037	78	469632	50.110	ug/l	100

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 ClientSampleId :
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	102448	59.919	ug/l	96
42) 1,2-Dichloroethane	6.086	62	178479	53.412	ug/l	96
43) Isopropyl Acetate	6.336	43	295383	58.913	ug/l	95
44) Trichloroethene	7.129	130	124821	48.346	ug/l	97
45) 1,2-Dichloropropane	7.433	63	126823	53.675	ug/l	100
46) Dibromomethane	7.580	93	89103	54.915	ug/l	91
47) Bromodichloromethane	7.824	83	166190	55.591	ug/l	99
48) Methyl methacrylate	7.689	41	145984	59.356	ug/l	93
49) 1,4-Dioxane	7.708	88	66307	1106.044	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	896490	291.035	ug/l	95
52) Toluene	8.720	92	298830	50.303	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	186227	59.649	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	202428	57.364	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	132124	55.790	ug/l	96
56) Ethyl methacrylate	9.116	69	209671	59.433	ug/l	89
57) 1,3-Dichloropropane	9.311	76	223790	55.248	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	525271	297.774	ug/l	94
59) 2-Hexanone	9.433	43	669002	289.097	ug/l	93
60) Dibromochloromethane	9.518	129	135005	59.499	ug/l	100
61) 1,2-Dibromoethane	9.610	107	138395	56.687	ug/l	99
64) Tetrachloroethene	9.275	164	101636	44.135	ug/l	98
65) Chlorobenzene	10.079	112	325513	50.025	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	126348	55.792	ug/l	99
67) Ethyl Benzene	10.195	91	549944	48.802	ug/l	98
68) m/p-Xylenes	10.299	106	424108	98.219	ug/l	98
69) o-Xylene	10.640	106	216223	51.066	ug/l	100
70) Styrene	10.652	104	368204	53.632	ug/l	97
71) Bromoform	10.799	173	97199	61.706	ug/l #	100
73) Isopropylbenzene	10.963	105	520342	47.838	ug/l	100
74) N-amyl acetate	10.841	43	240177	58.756	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	195443	57.890	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	211151	71.137	ug/l	84
77) Bromobenzene	11.201	156	145861	53.947	ug/l	90
78) n-propylbenzene	11.305	91	571115	45.718	ug/l	99
79) 2-Chlorotoluene	11.366	91	381222	48.836	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	450143	49.081	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	53081	57.920	ug/l	97
82) 4-Chlorotoluene	11.457	91	436170	49.748	ug/l	97
83) tert-Butylbenzene	11.713	119	440173	47.833	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	457883	49.687	ug/l	100
85) sec-Butylbenzene	11.890	105	476277	42.194	ug/l	99
86) p-Isopropyltoluene	12.006	119	425295	44.300	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	261167	50.827	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	263475	48.905	ug/l	99
89) n-Butylbenzene	12.335	91	327198	40.374	ug/l	99
90) Hexachloroethane	12.536	117	69208	47.093	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	264081	51.386	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	42481	62.751	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	154694	47.888	ug/l	99
94) Hexachlorobutadiene	13.725	225	50395	35.546	ug/l	97
95) Naphthalene	13.774	128	574404	57.760	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	152300	46.835	ug/l	99

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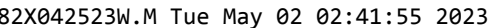
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

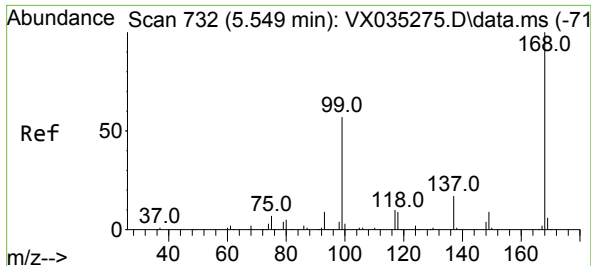
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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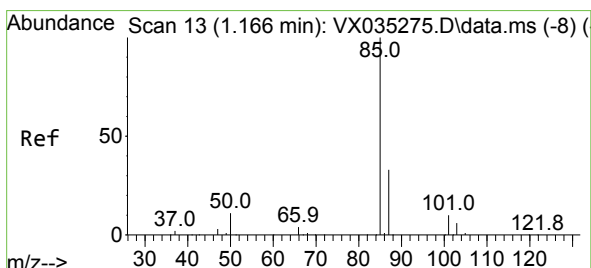
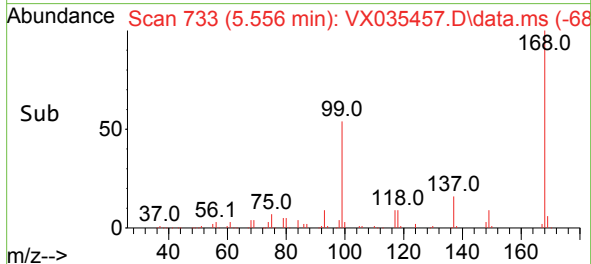
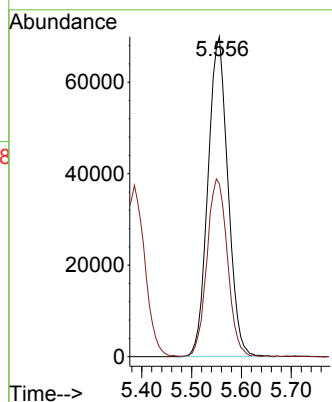
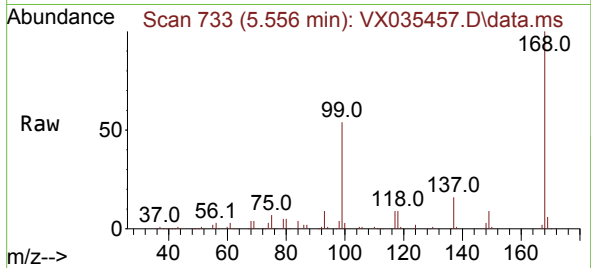




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
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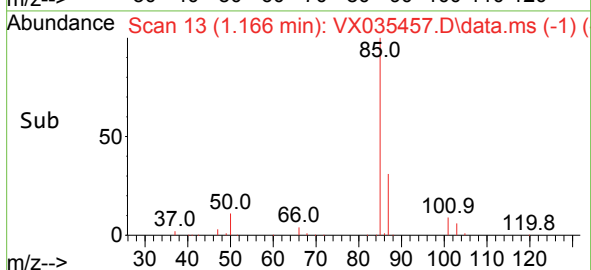
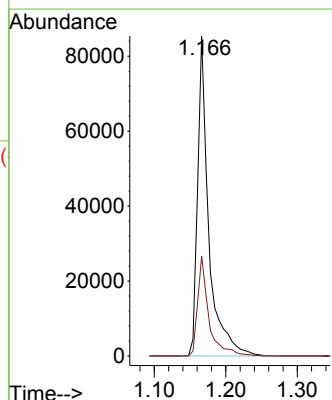
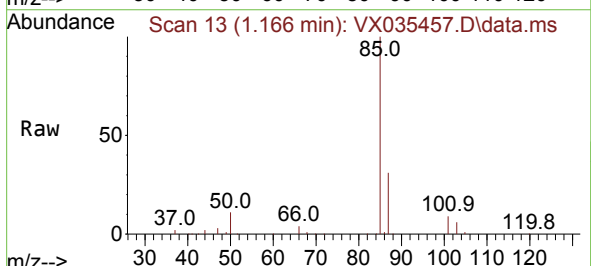
Instrument :
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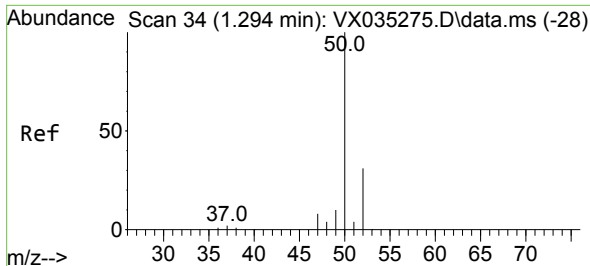
Tgt Ion:168 Resp: 194829
Ion Ratio Lower Upper
168 100
99 53.9 45.7 68.5



#2
Dichlorodifluoromethane
Concen: 44.559 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

Tgt Ion: 85 Resp: 91860
Ion Ratio Lower Upper
85 100
87 31.3 16.4 49.1

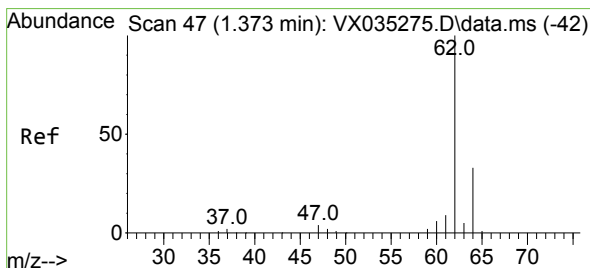
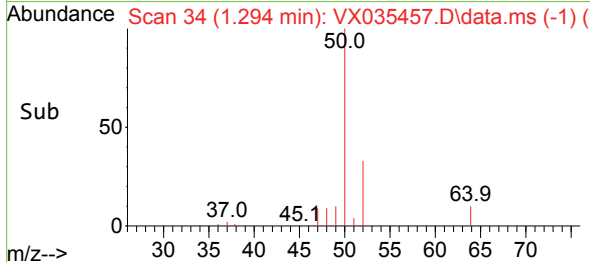
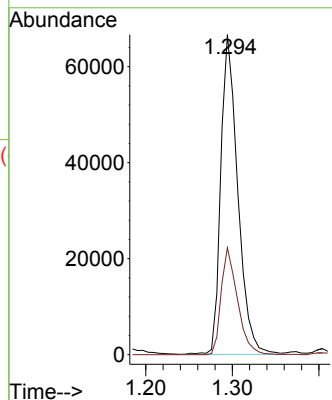
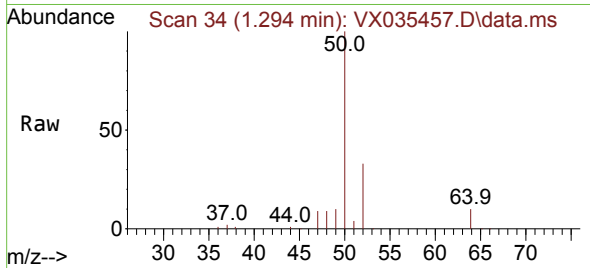




#3
Chloromethane
Concen: 48.323 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035457.D
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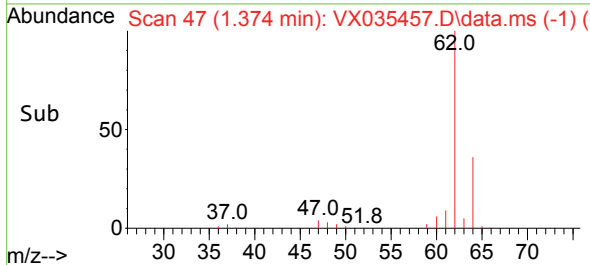
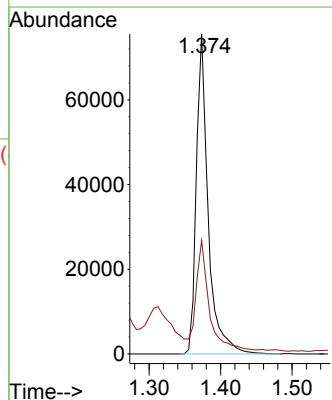
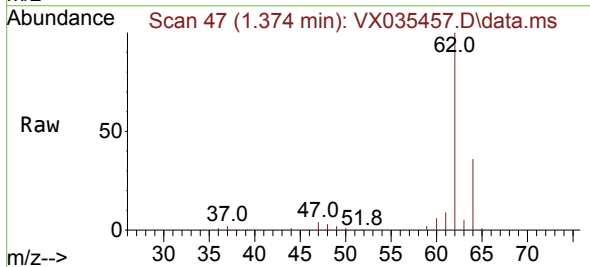
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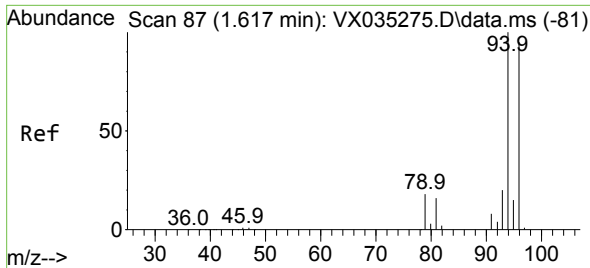
Tgt Ion: 50 Resp: 90624
Ion Ratio Lower Upper
50 100
52 33.4 25.9 38.9



#4
Vinyl Chloride
Concen: 46.073 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

Tgt Ion: 62 Resp: 86661
Ion Ratio Lower Upper
62 100
64 34.3 26.4 39.6

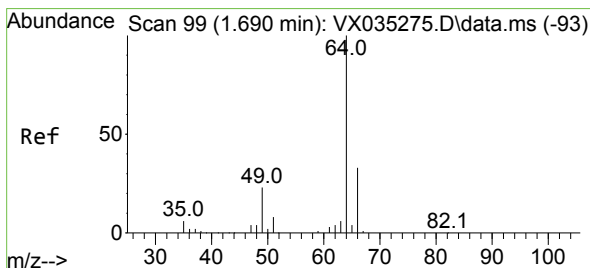
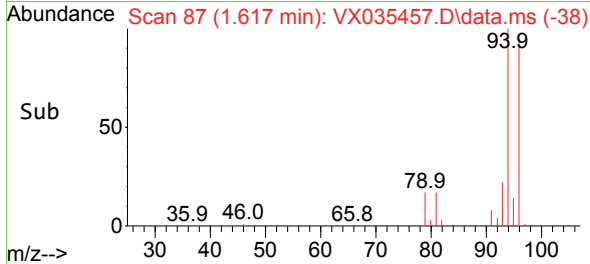
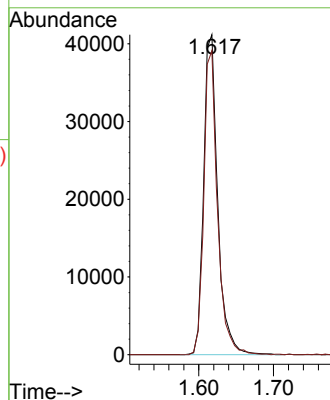
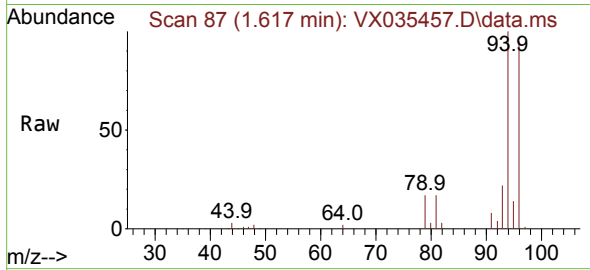




#5
Bromomethane
Concen: 42.939 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

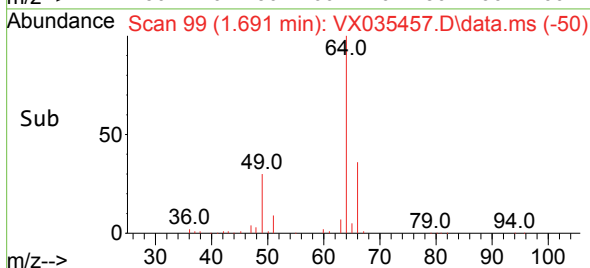
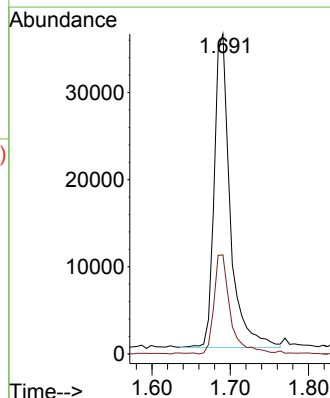
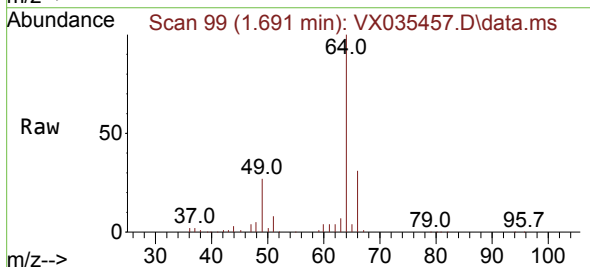
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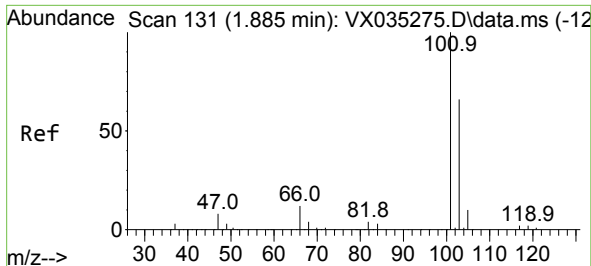
Tgt Ion: 94 Resp: 53680
Ion Ratio Lower Upper
94 100
96 95.0 77.0 115.6



#6
Chloroethane
Concen: 46.270 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

Tgt Ion: 64 Resp: 50901
Ion Ratio Lower Upper
64 100
66 31.3 26.2 39.4

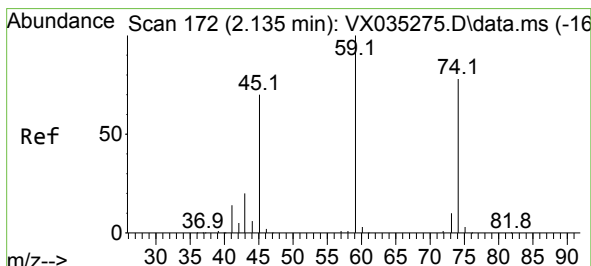
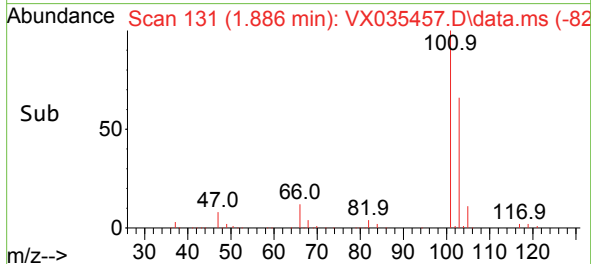
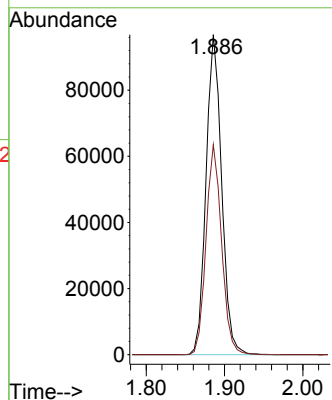
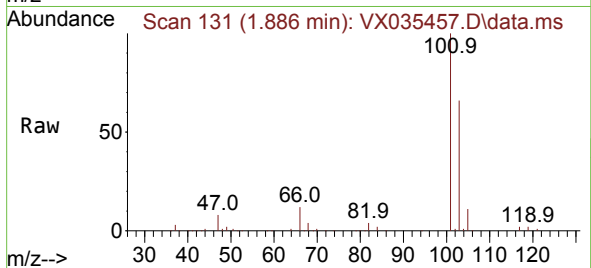




#7
Trichlorofluoromethane
Concen: 45.411 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.001 min
Lab File: VX035457.D
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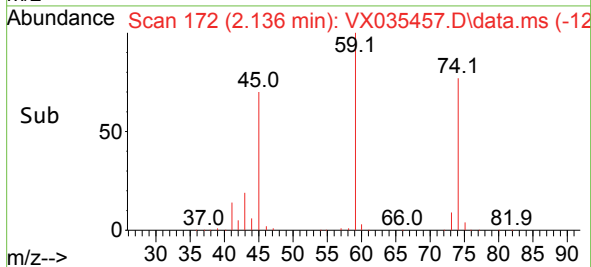
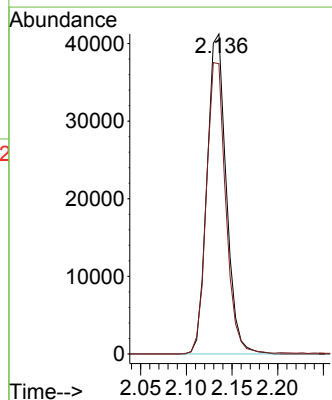
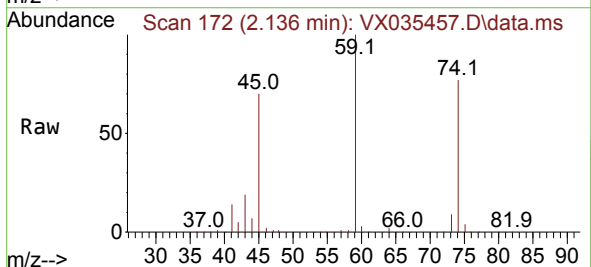
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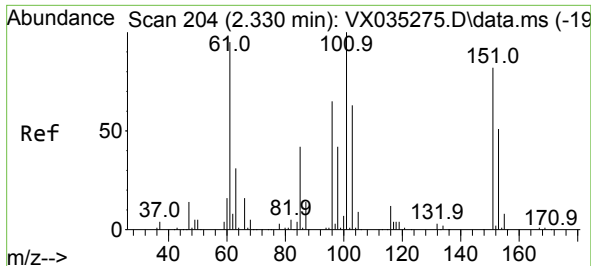
Tgt Ion:101 Resp: 133574
Ion Ratio Lower Upper
101 100
103 65.6 52.0 78.0



#8
Diethyl Ether
Concen: 56.103 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.001 min
Lab File: VX035457.D
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Tgt Ion: 74 Resp: 60168
Ion Ratio Lower Upper
74 100
45 91.7 49.8 149.3

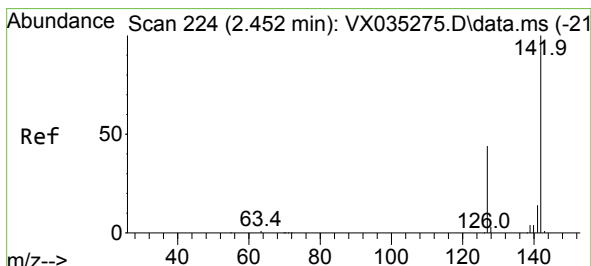
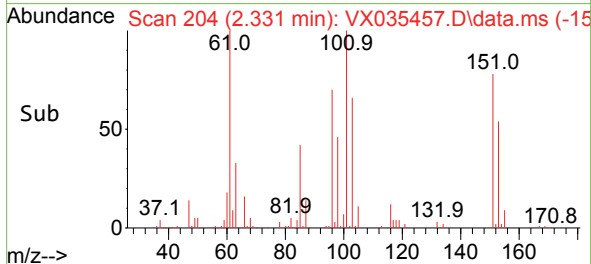
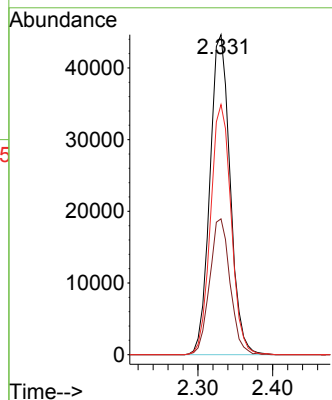
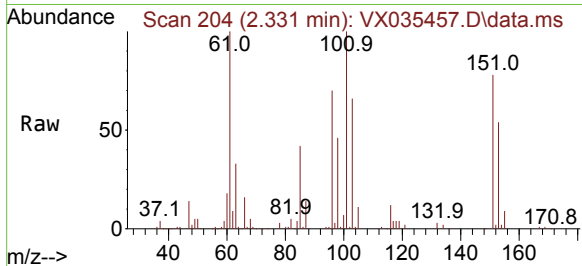




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.806 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.001 min
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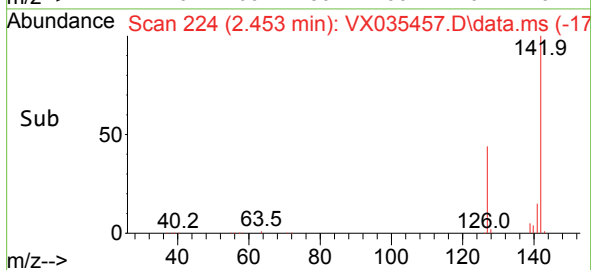
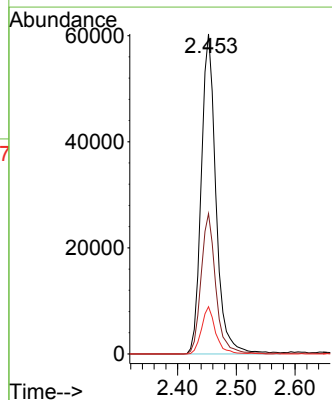
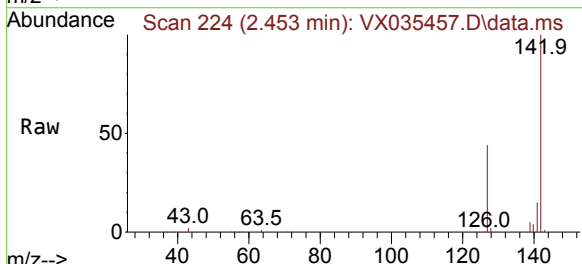
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

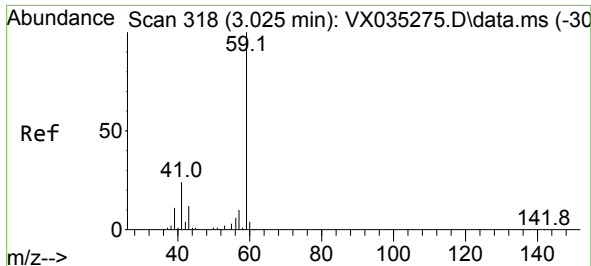
Tgt Ion:101 Resp: 84096
Ion Ratio Lower Upper
101 100
85 42.9 35.4 53.2
151 79.5 60.2 90.4



#10
Methyl Iodide
Concen: 42.461 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

Tgt Ion:142 Resp: 105279
Ion Ratio Lower Upper
142 100
127 43.8 34.0 51.0
141 14.2 11.1 16.7

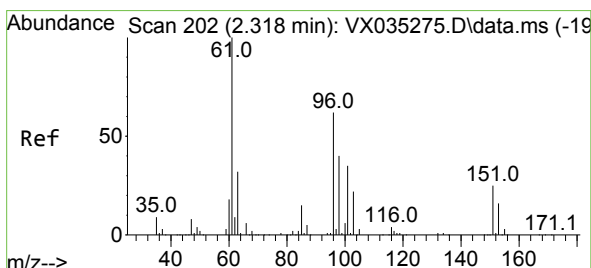
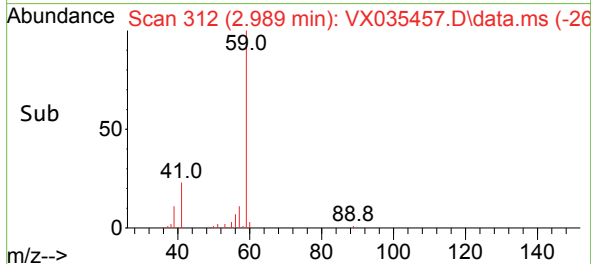
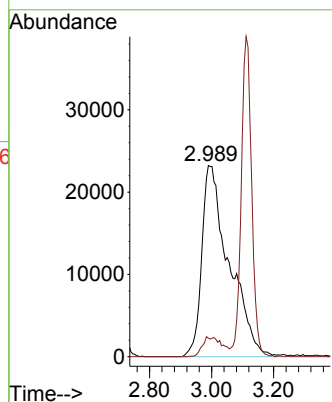
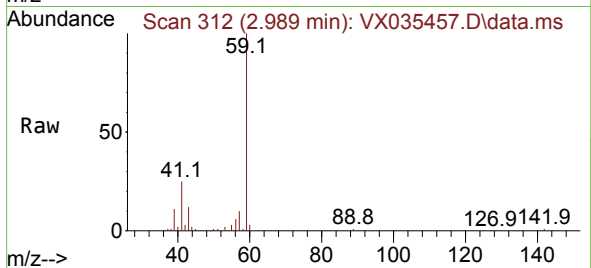




#11
Tert butyl alcohol
Concen: 331.729 ug/l
RT: 2.989 min Scan# 311
Delta R.T. -0.036 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

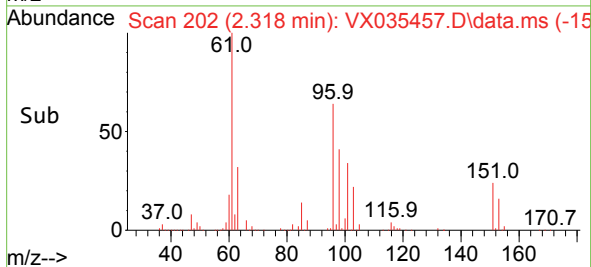
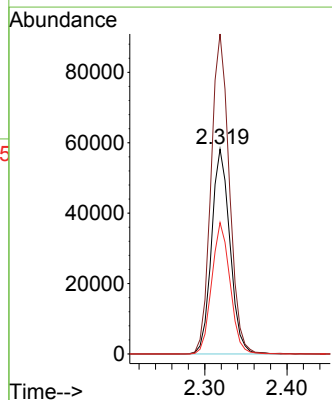
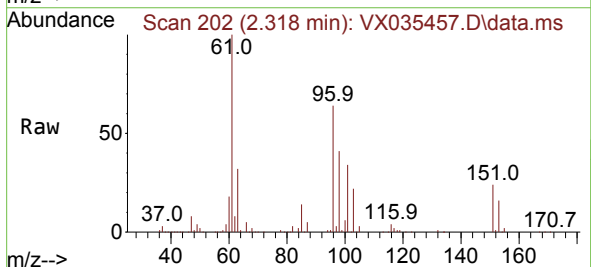
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

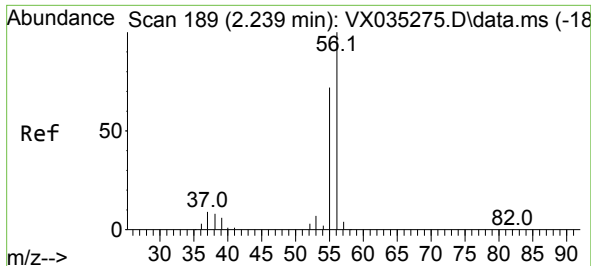
Tgt Ion: 59 Resp: 141973
Ion Ratio Lower Upper
59 100
57 3.2 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 47.753 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

Tgt Ion: 96 Resp: 90361
Ion Ratio Lower Upper
96 100
61 156.3 128.8 193.2
98 64.2 51.4 77.0





#13

Acrolein

Concen: 293.454 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

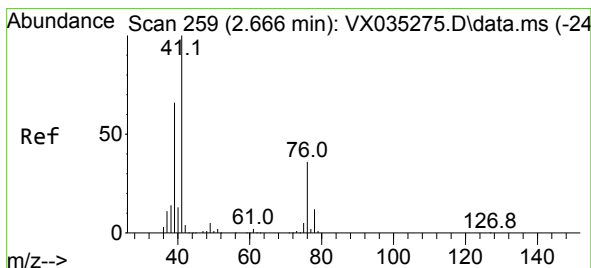
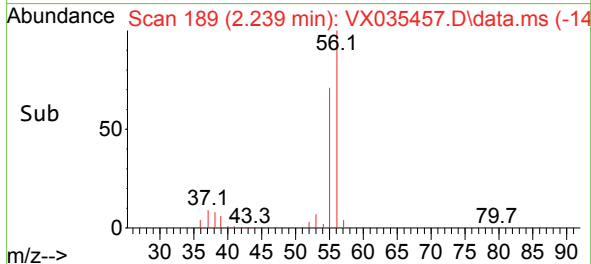
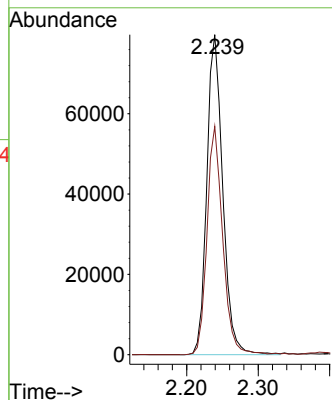
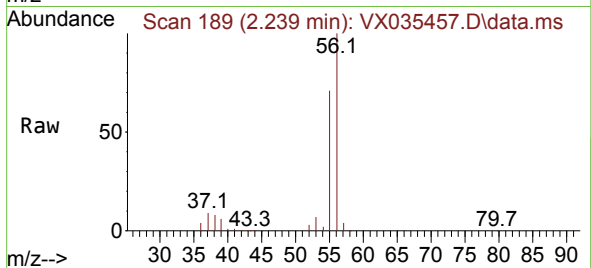
VSTDCCC050

Tgt Ion: 56 Resp: 123511

Ion Ratio Lower Upper

56 100

55 70.4 56.6 85.0



#14

Allyl chloride

Concen: 54.095 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

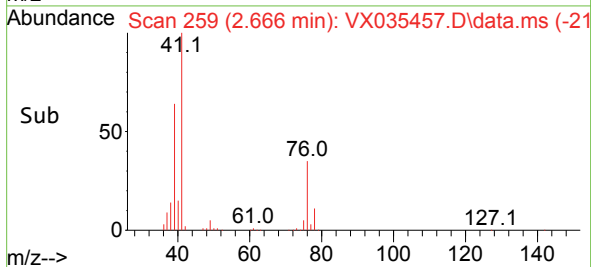
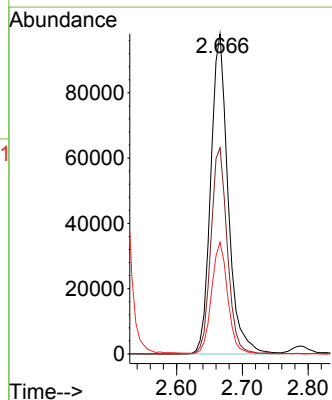
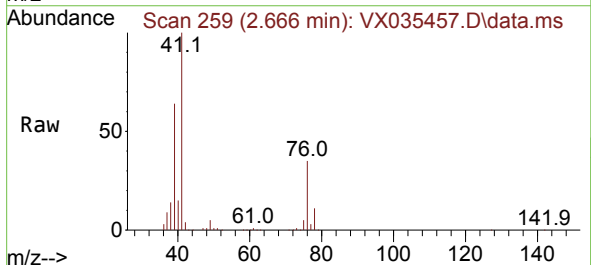
Tgt Ion: 41 Resp: 180140

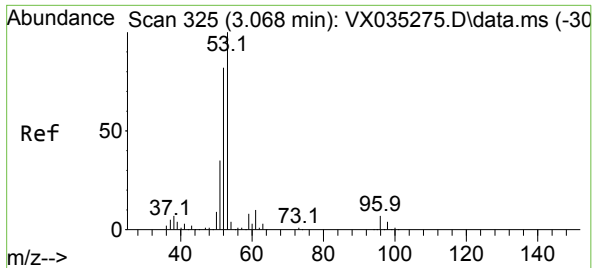
Ion Ratio Lower Upper

41 100

39 60.7 52.4 78.6

76 32.5 26.0 39.0

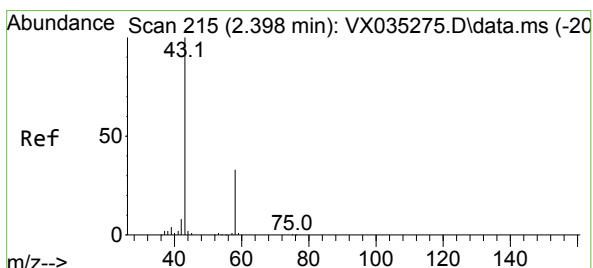
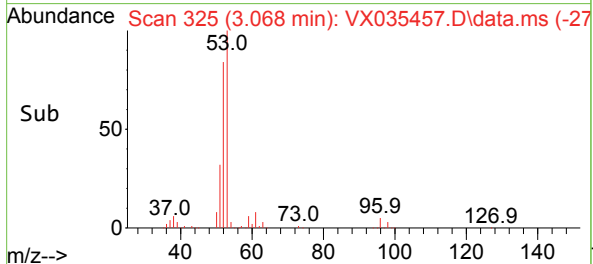
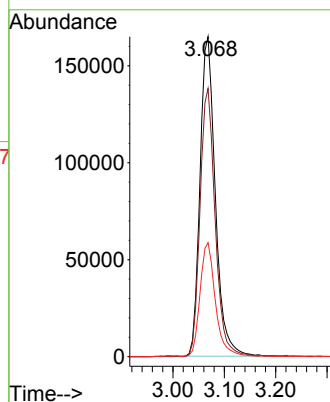
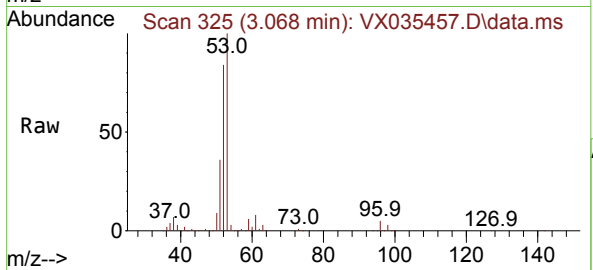




#15
Acrylonitrile
Concen: 318.794 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

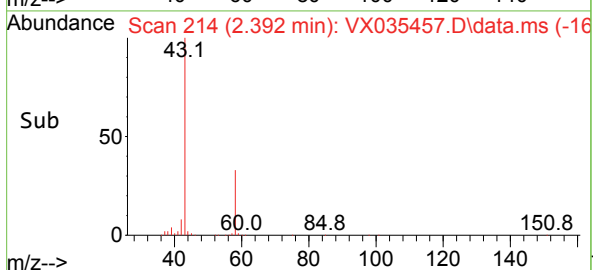
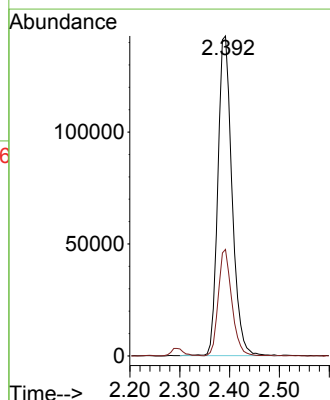
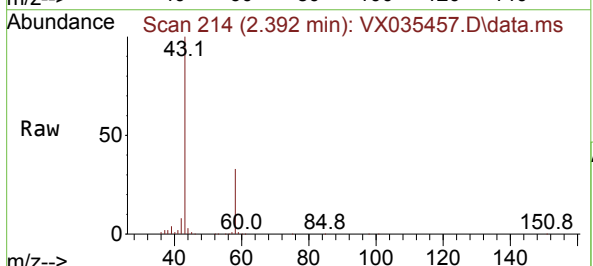
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

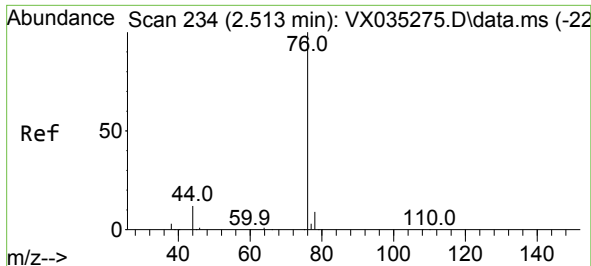
Tgt Ion: 53 Resp: 341243
Ion Ratio Lower Upper
53 100
52 83.2 66.2 99.2
51 35.6 28.3 42.5



#16
Acetone
Concen: 275.433 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

Tgt Ion: 43 Resp: 281179
Ion Ratio Lower Upper
43 100
58 33.2 24.7 37.1





#17

Carbon Disulfide

Concen: 44.851 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.001 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

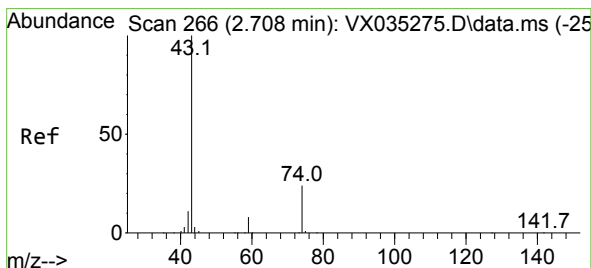
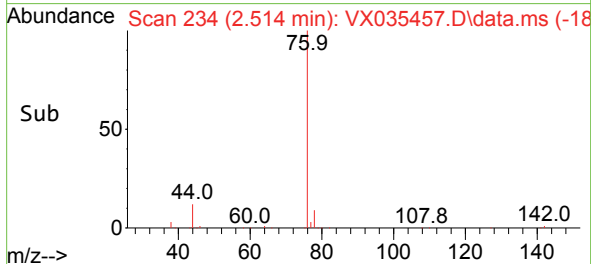
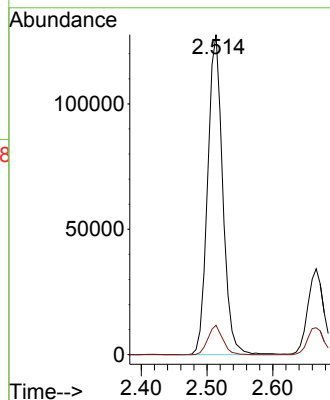
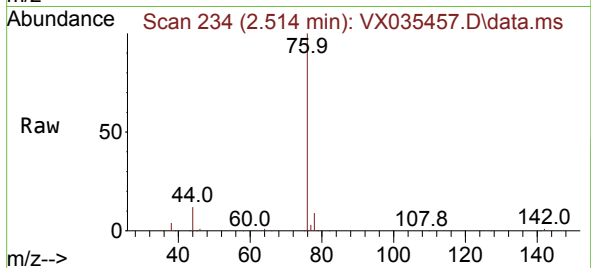
VSTDCCC050

Tgt Ion: 76 Resp: 203455

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



#18

Methyl Acetate

Concen: 65.785 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.005 min

Lab File: VX035457.D

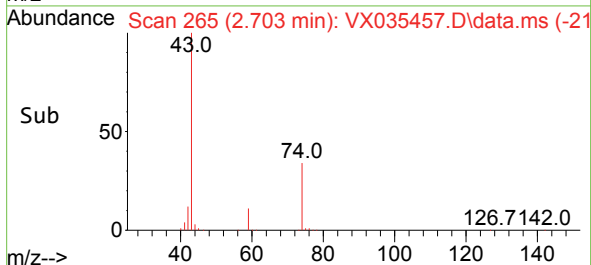
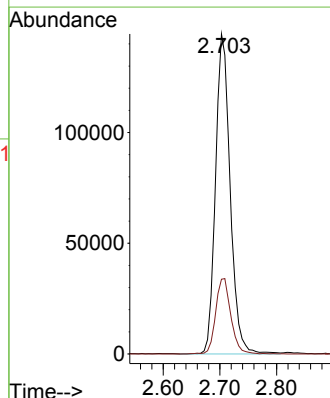
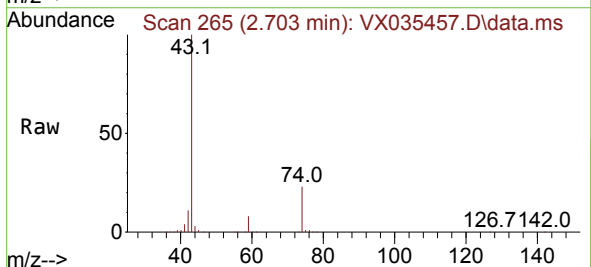
Acq: 01 May 2023 22:30

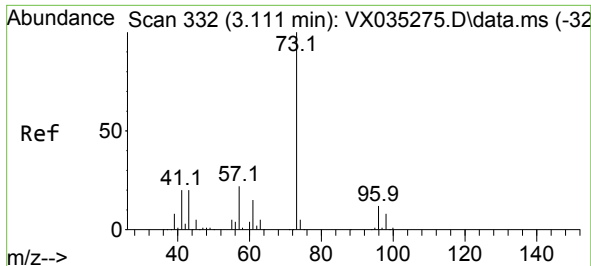
Tgt Ion: 43 Resp: 259696

Ion Ratio Lower Upper

43 100

74 24.3 18.3 27.5

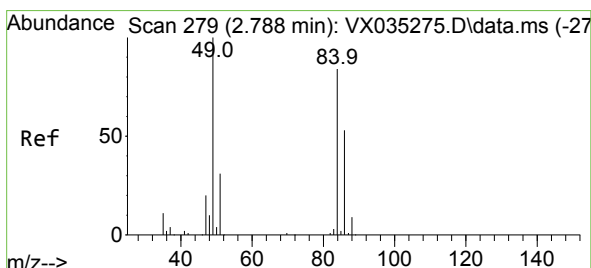
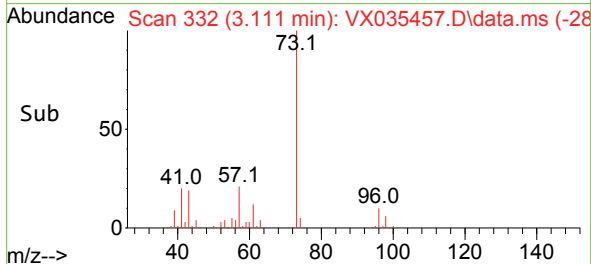
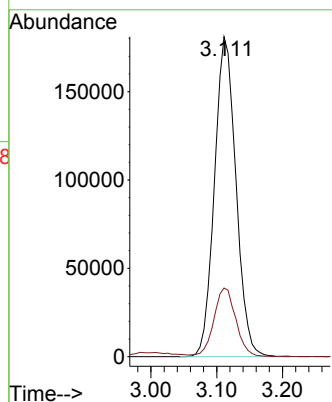
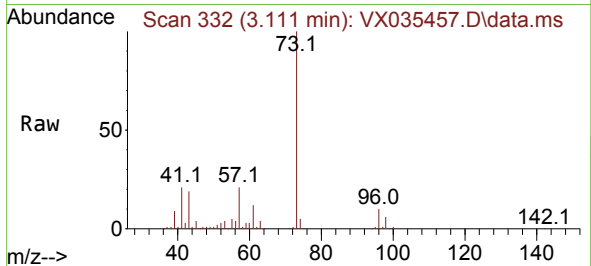




#19
Methyl tert-butyl Ether
Concen: 63.416 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

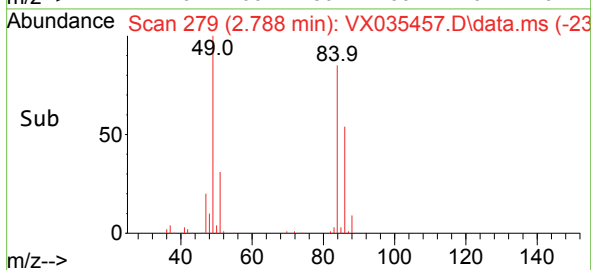
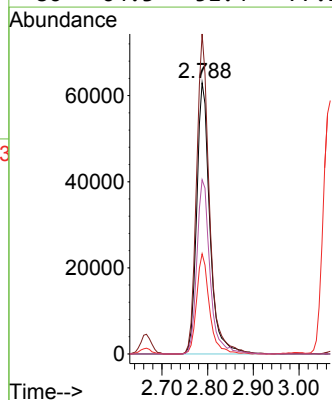
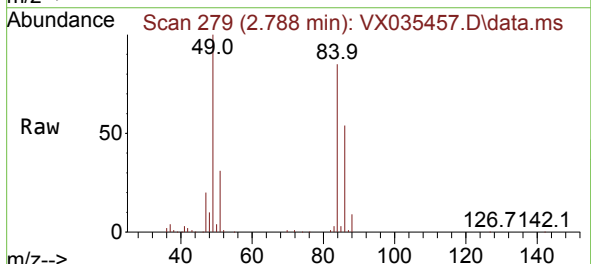
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

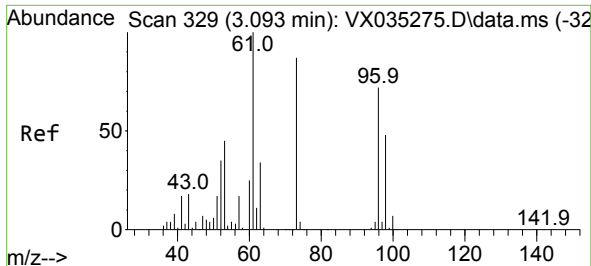
Tgt Ion: 73 Resp: 411691
Ion Ratio Lower Upper
73 100
57 21.4 18.5 27.7



#20
Methylene Chloride
Concen: 53.680 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

Tgt Ion: 84 Resp: 125653
Ion Ratio Lower Upper
84 100
49 118.0 103.8 155.8
51 37.0 31.8 47.8
86 64.3 51.4 77.2

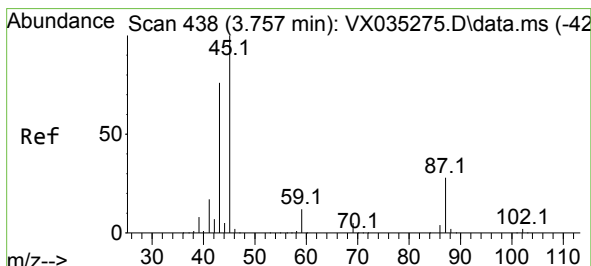
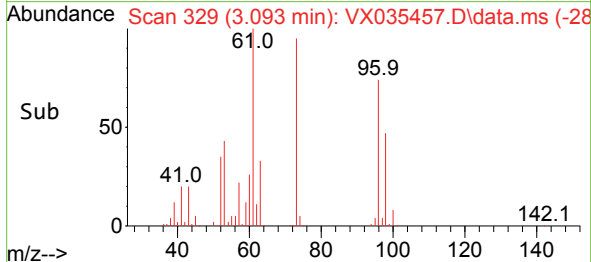
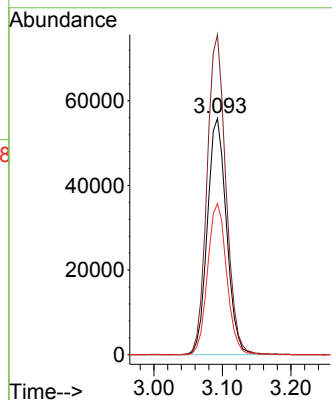
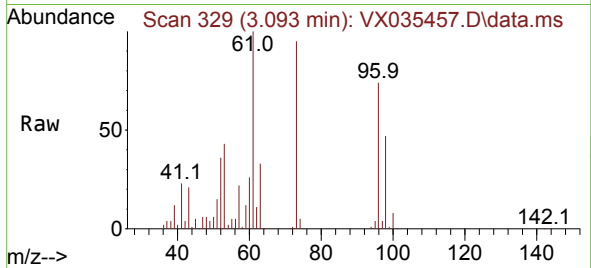




#21
trans-1,2-Dichloroethene
Concen: 52.734 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

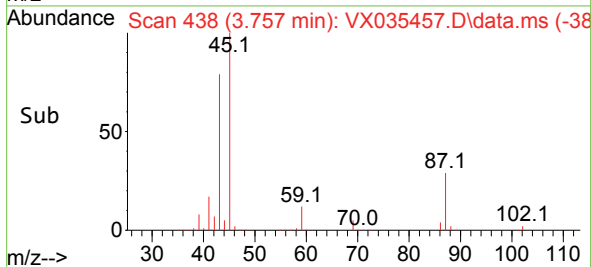
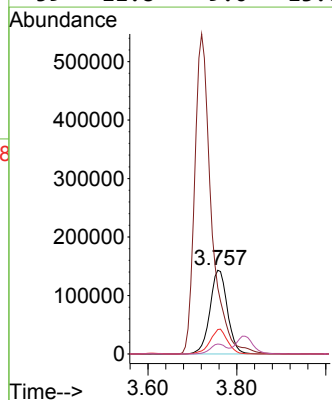
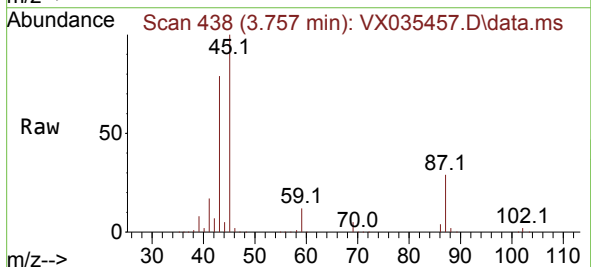
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

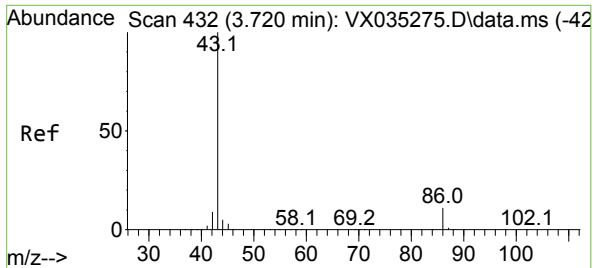
Tgt Ion: 96 Resp: 108376
Ion Ratio Lower Upper
96 100
61 135.4 113.0 169.6
98 64.0 52.1 78.1



#22
Diisopropyl ether
Concen: 59.270 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

Tgt Ion: 45 Resp: 390570
Ion Ratio Lower Upper
45 100
43 78.8 65.4 98.2
87 29.2 20.6 31.0
59 11.8 9.0 13.6

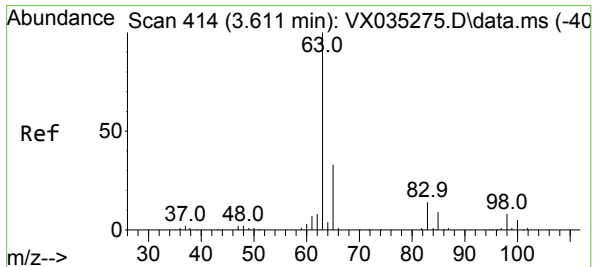
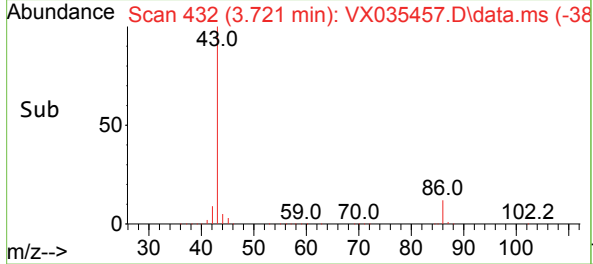
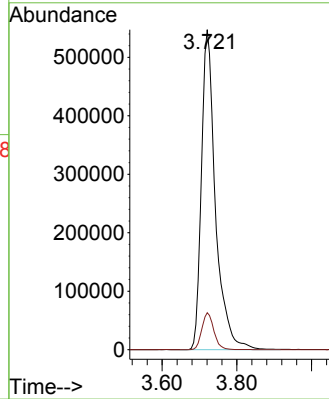
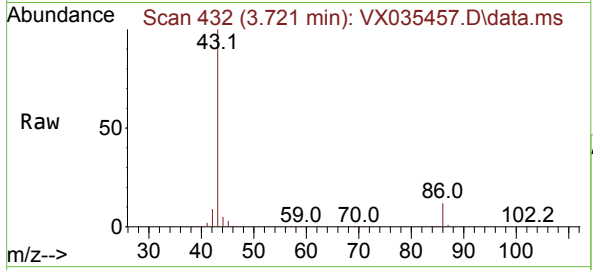




#23
 Vinyl Acetate
 Concen: 315.038 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VX035457.D
 Acq: 01 May 2023 22:30

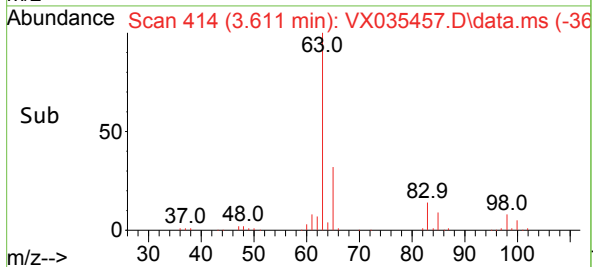
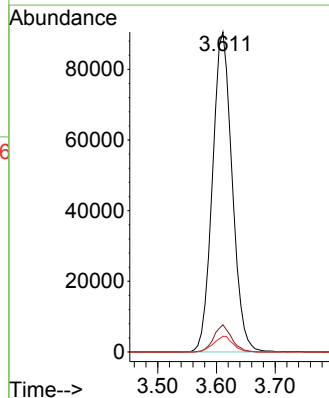
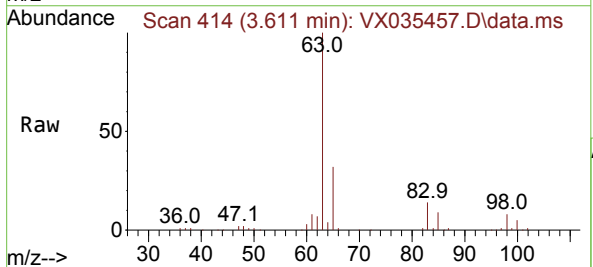
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

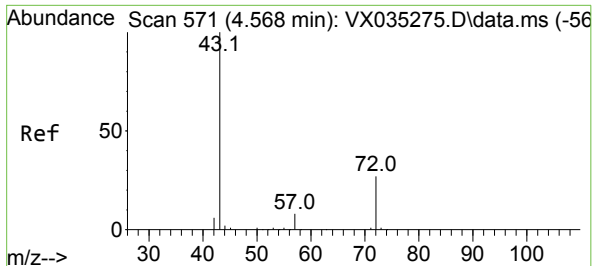
Tgt Ion: 43 Resp: 1426988
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 56.865 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX035457.D
 Acq: 01 May 2023 22:30

Tgt Ion: 63 Resp: 211071
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.8 11.2
 100 4.9 2.4 7.1





#25

2-Butanone

Concen: 306.823 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

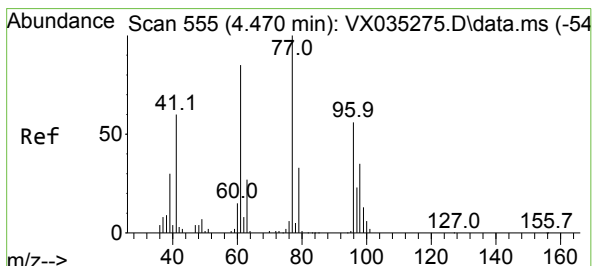
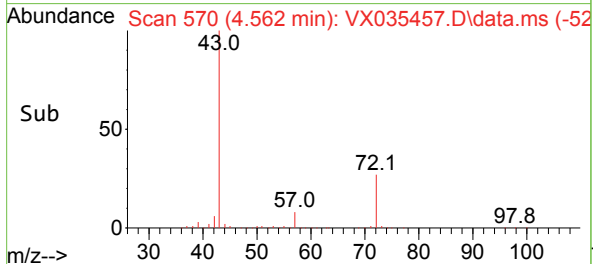
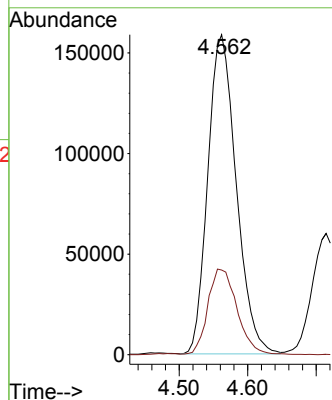
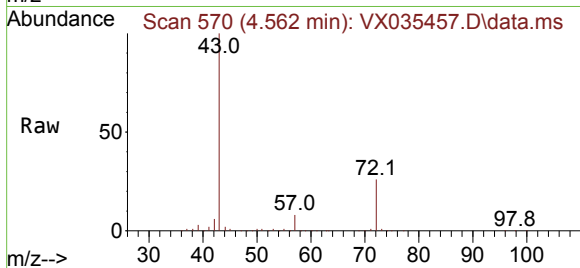
VSTDCCC050

Tgt Ion: 43 Resp: 457181

Ion Ratio Lower Upper

43 100

72 26.3 19.3 28.9



#26

2,2-Dichloropropane

Concen: 50.518 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.007 min

Lab File: VX035457.D

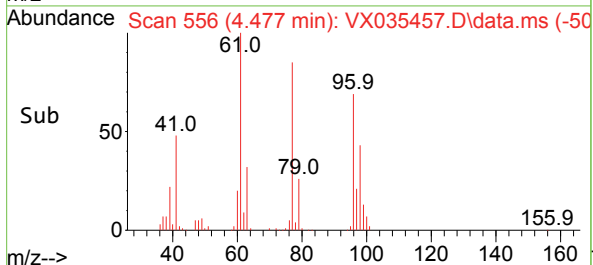
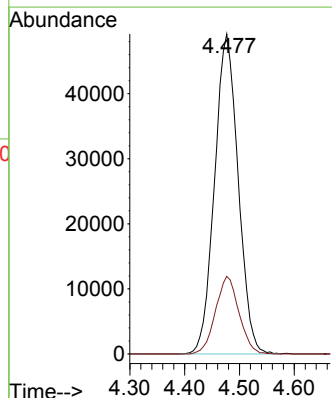
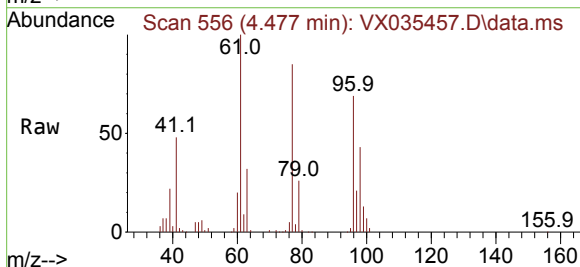
Acq: 01 May 2023 22:30

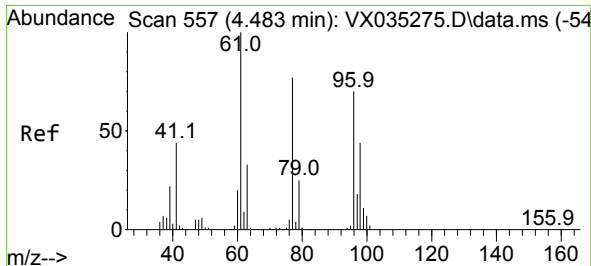
Tgt Ion: 77 Resp: 146906

Ion Ratio Lower Upper

77 100

97 24.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 57.272 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

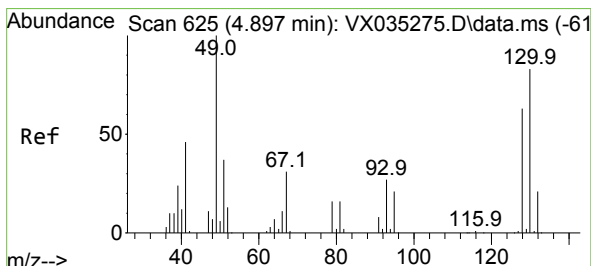
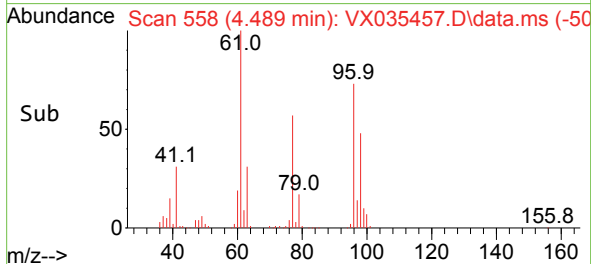
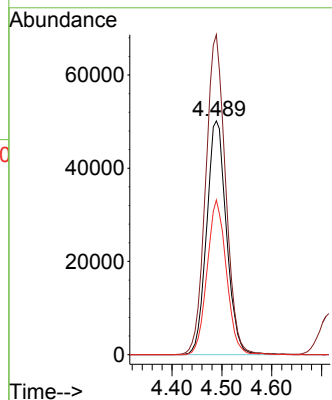
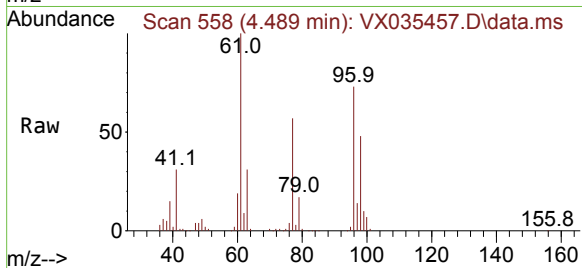
Tgt Ion: 96 Resp: 138355

Ion Ratio Lower Upper

96 100

61 137.6 0.0 300.4

98 64.5 0.0 129.0



#28

Bromochloromethane

Concen: 64.100 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

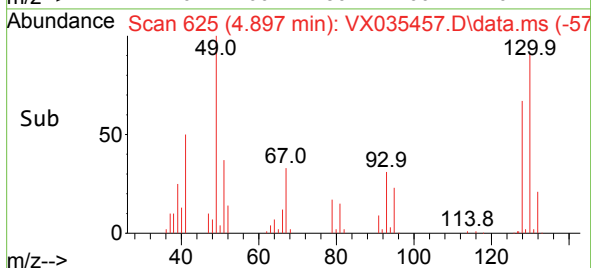
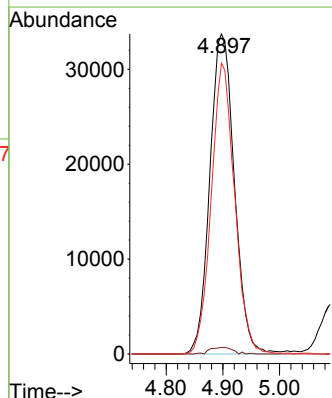
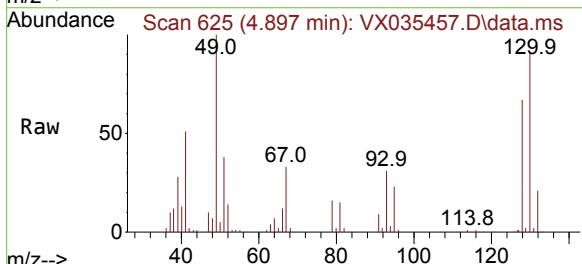
Tgt Ion: 49 Resp: 101393

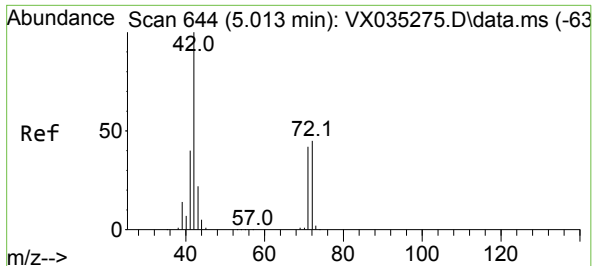
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 86.4 58.2 87.2





#29

Tetrahydrofuran

Concen: 310.409 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

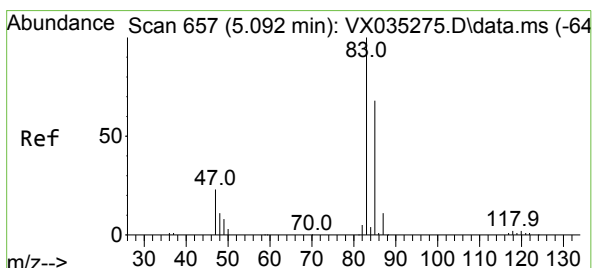
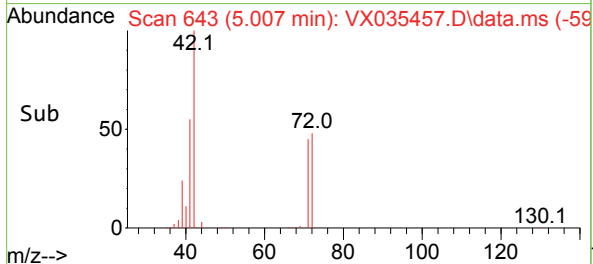
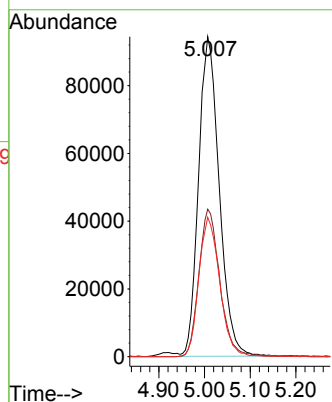
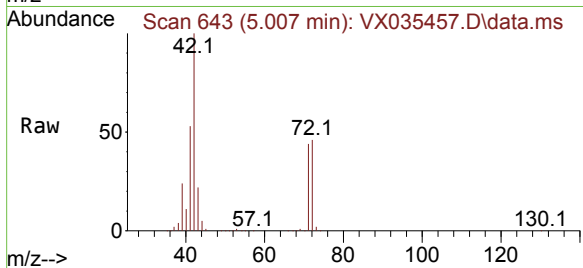
Tgt Ion: 42 Resp: 296500

Ion Ratio Lower Upper

42 100

72 46.7 34.5 51.7

71 43.8 32.1 48.1



#30

Chloroform

Concen: 59.283 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX035457.D

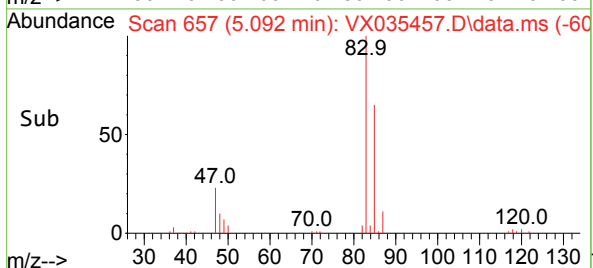
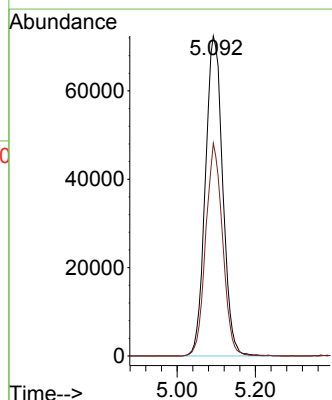
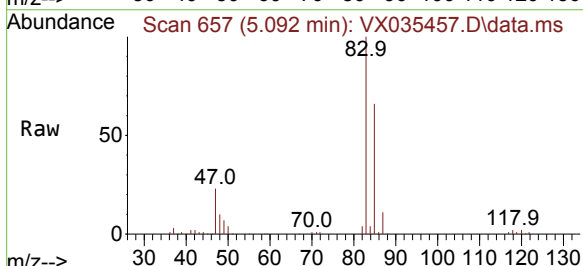
Acq: 01 May 2023 22:30

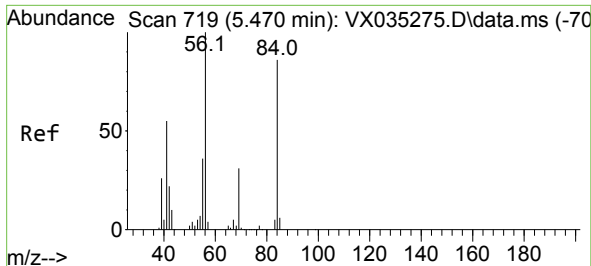
Tgt Ion: 83 Resp: 222139

Ion Ratio Lower Upper

83 100

85 66.5 50.6 76.0

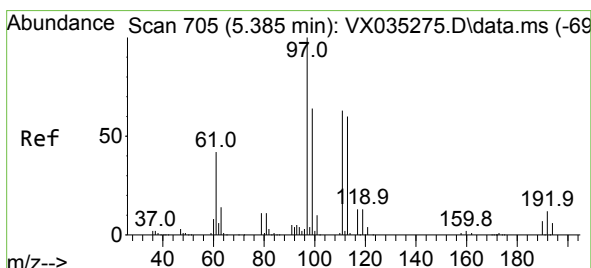
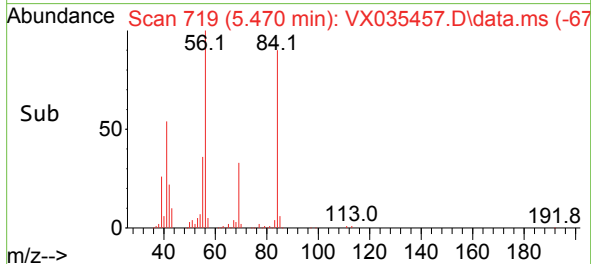
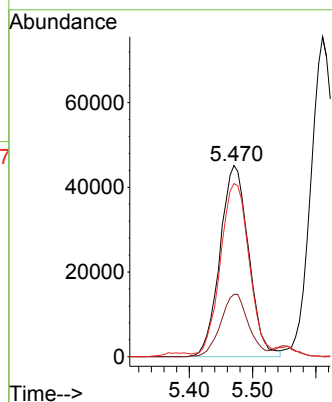
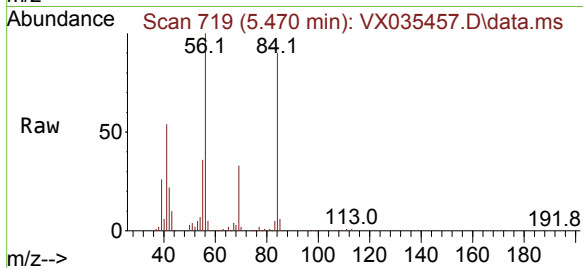




#31
Cyclohexane
Concen: 42.584 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

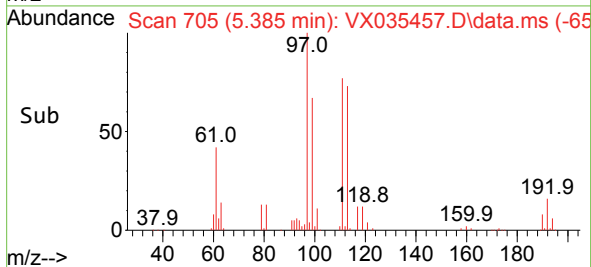
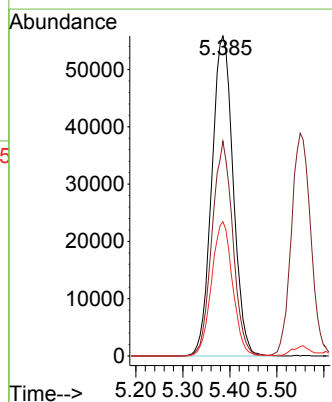
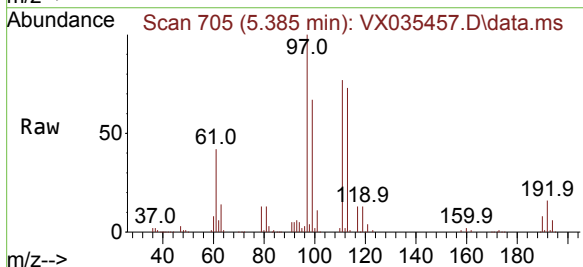
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

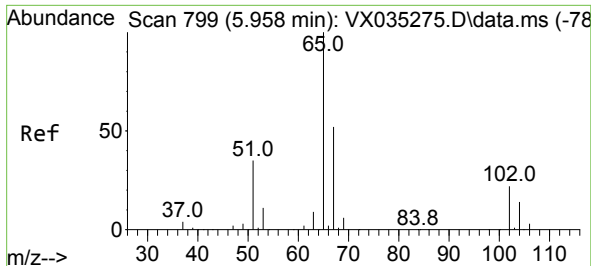
Tgt Ion: 56 Resp: 141986
Ion Ratio Lower Upper
56 100
69 32.5 23.7 35.5
84 88.8 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 53.712 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

Tgt Ion: 97 Resp: 176384
Ion Ratio Lower Upper
97 100
99 65.2 51.1 76.7
61 41.3 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 62.632 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

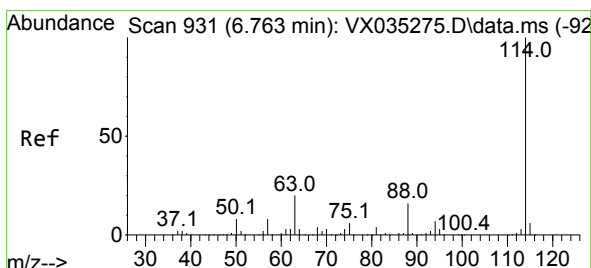
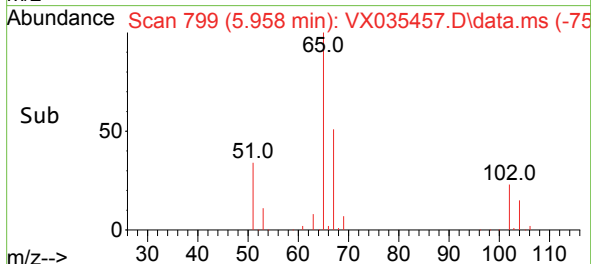
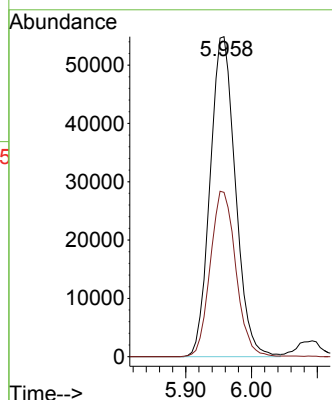
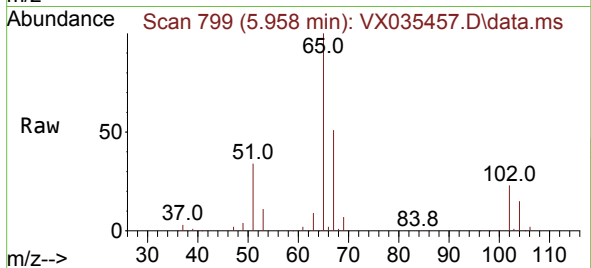
VSTDCCC050

Tgt Ion: 65 Resp: 147217

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

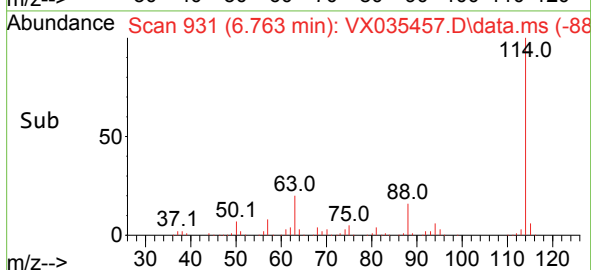
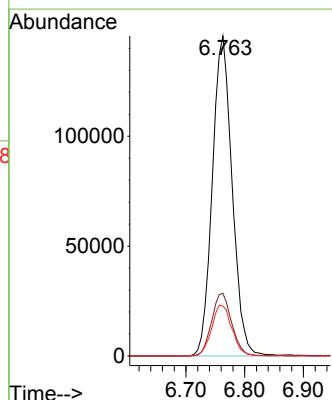
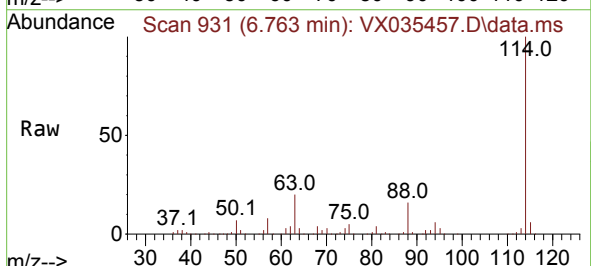
Tgt Ion: 114 Resp: 340894

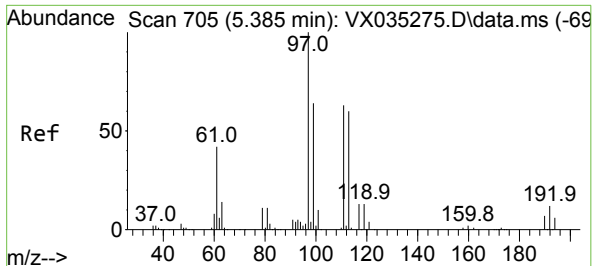
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.2

88 15.6 0.0 33.2

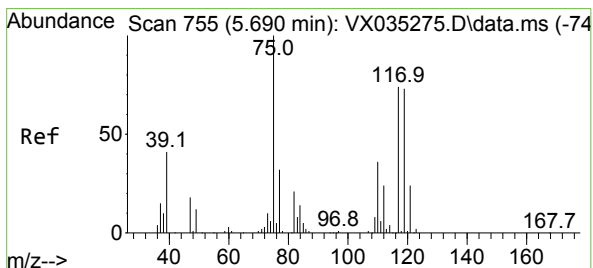
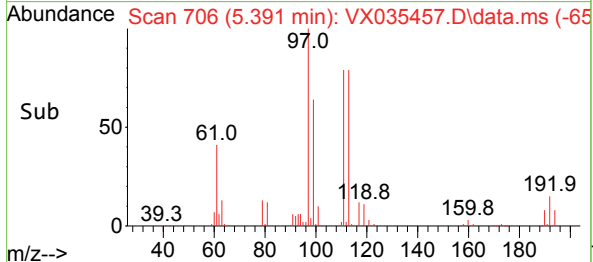
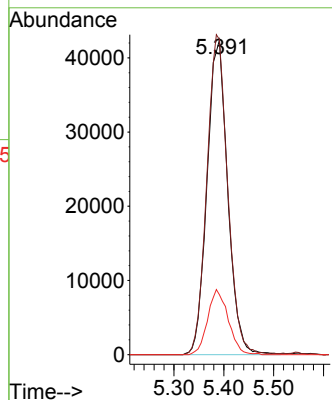
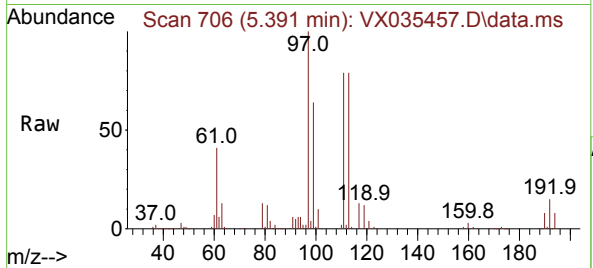




#35
Dibromofluoromethane
Concen: 58.357 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

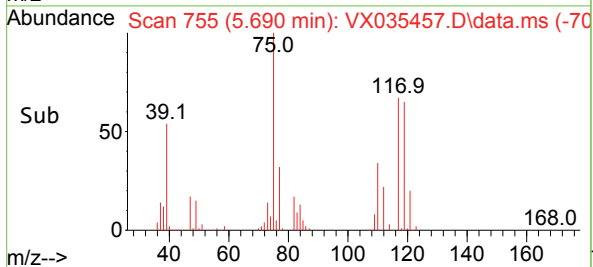
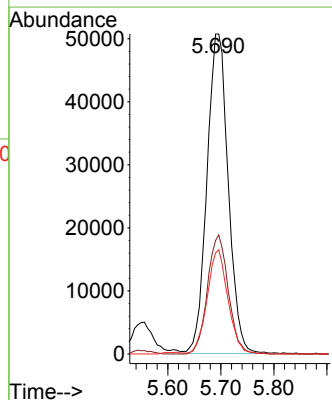
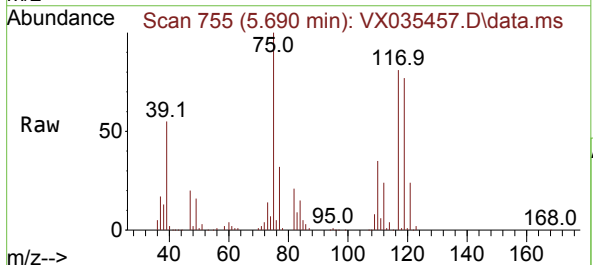
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

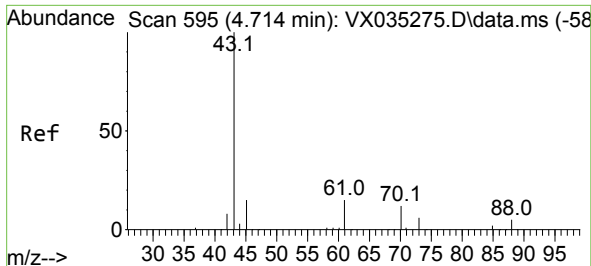
Tgt Ion:113 Resp: 122100
Ion Ratio Lower Upper
113 100
111 102.2 83.7 125.5
192 20.6 15.4 23.2



#36
1,1-Dichloropropene
Concen: 43.262 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

Tgt Ion: 75 Resp: 141340
Ion Ratio Lower Upper
75 100
110 36.4 17.5 52.5
77 31.9 24.3 36.5





#37

Ethyl Acetate

Concen: 58.915 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX035457.D

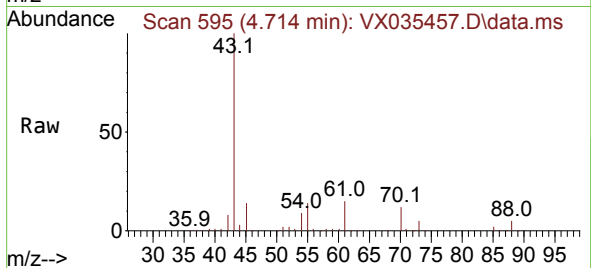
Acq: 01 May 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



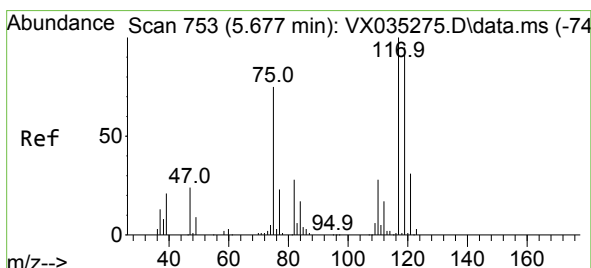
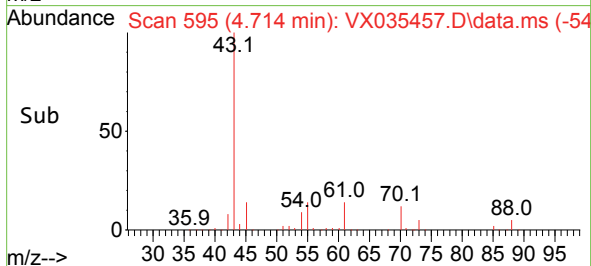
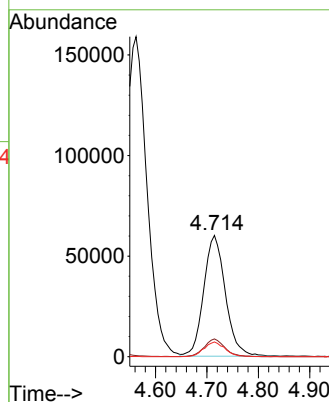
Tgt Ion: 43 Resp: 175797

Ion Ratio Lower Upper

43 100

61 14.0 10.2 15.4

70 11.9 8.2 12.4



#38

Carbon Tetrachloride

Concen: 46.681 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.001 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

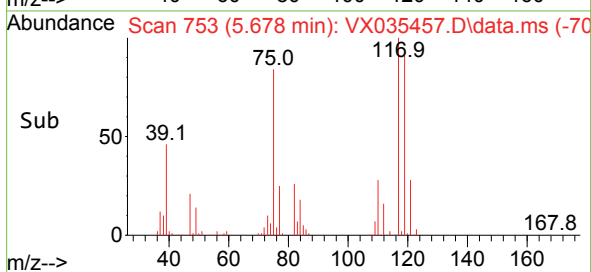
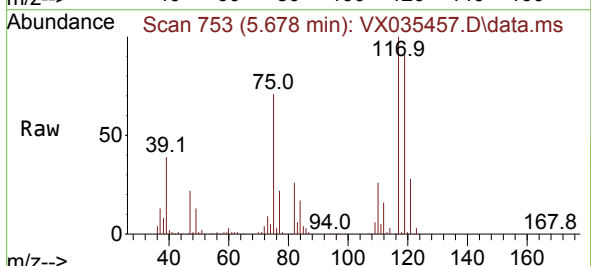
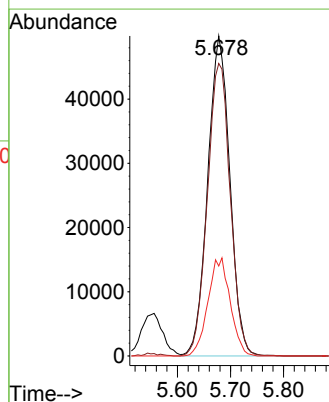
Tgt Ion: 117 Resp: 144777

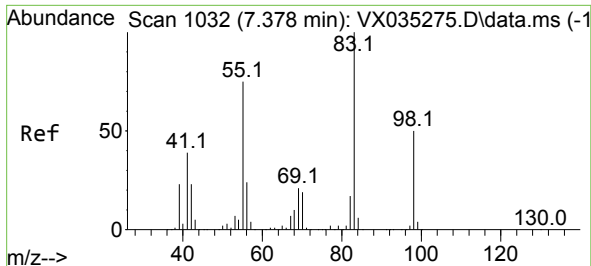
Ion Ratio Lower Upper

117 100

119 91.4 76.6 114.8

121 28.1 23.8 35.6

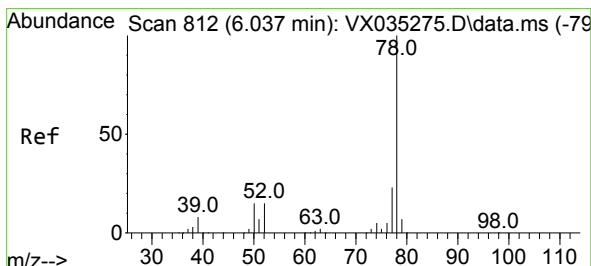
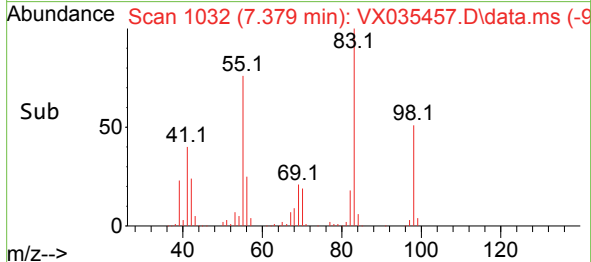
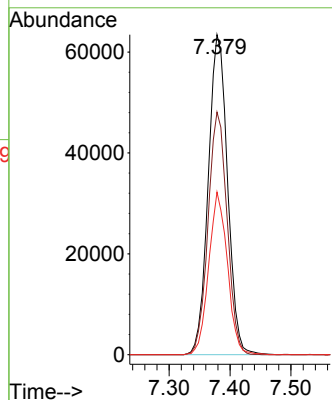
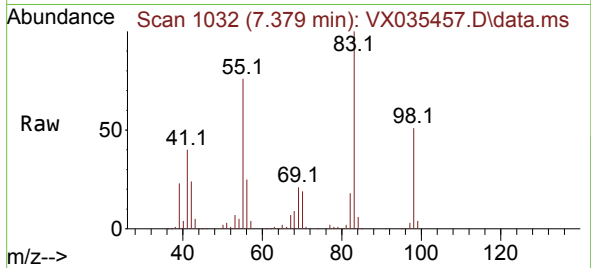




#39
Methylcyclohexane
Concen: 35.074 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

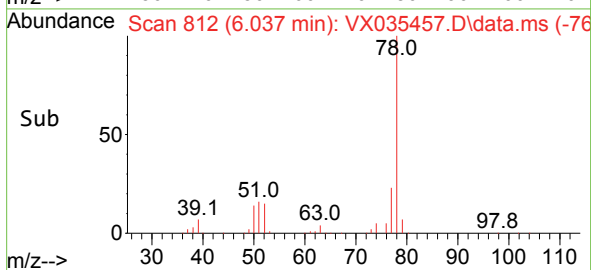
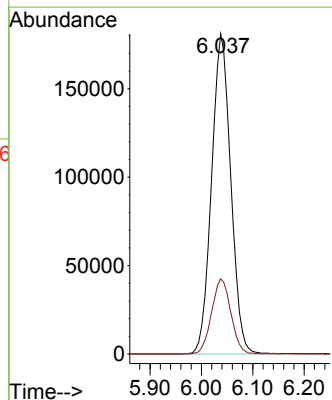
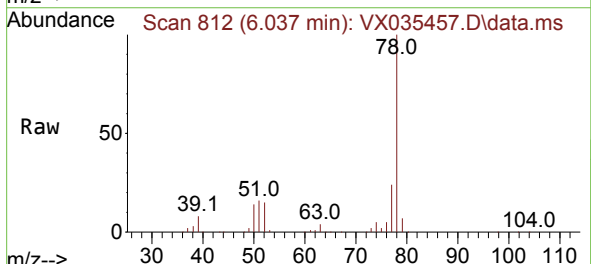
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

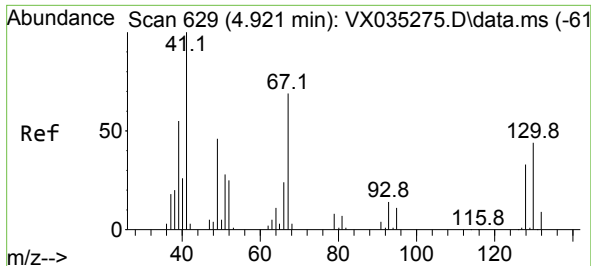
Tgt Ion: 83 Resp: 139481
Ion Ratio Lower Upper
83 100
55 75.8 60.5 90.7
98 50.8 40.4 60.6



#40
Benzene
Concen: 50.110 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

Tgt Ion: 78 Resp: 469632
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4

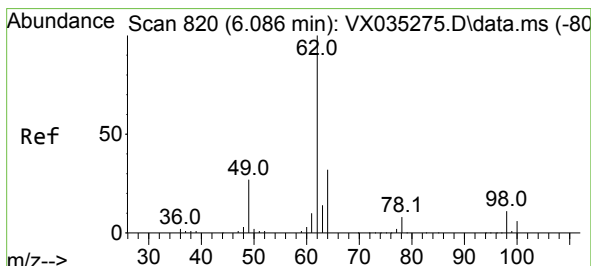
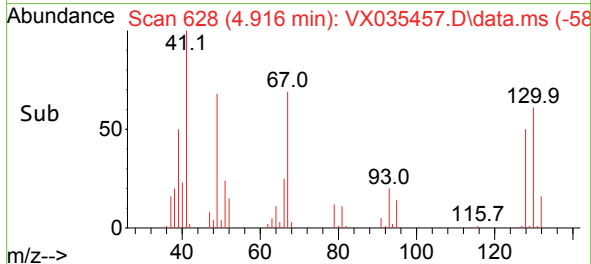
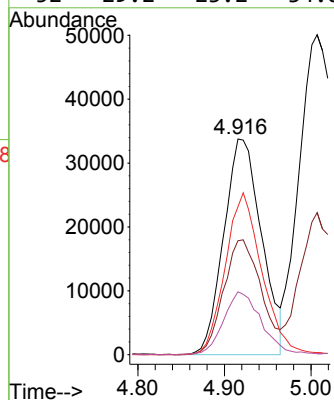
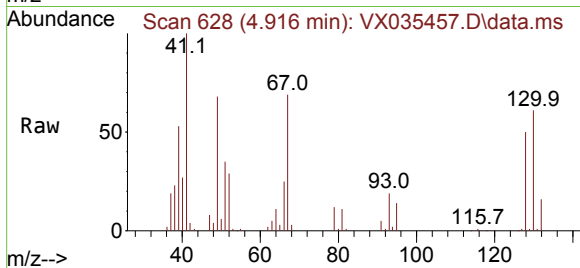




#41
Methacrylonitrile
Concen: 59.919 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.005 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

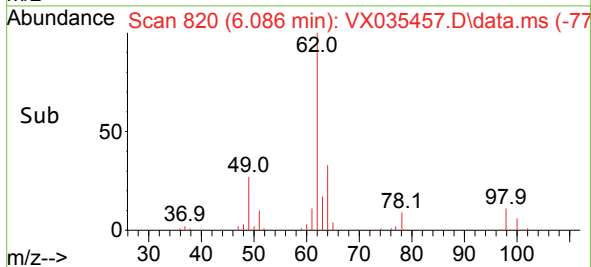
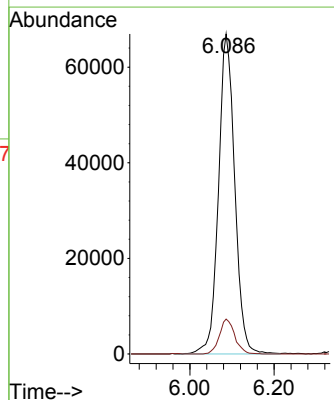
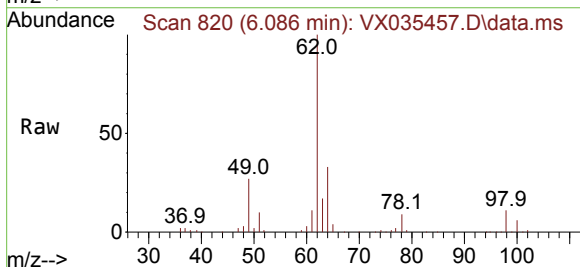
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

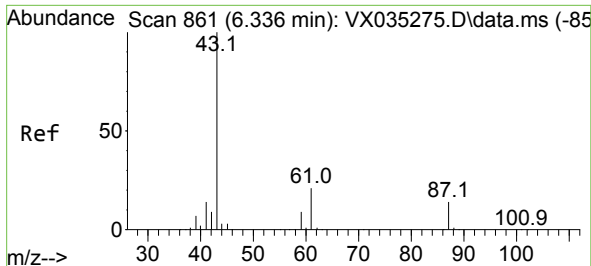
Tgt Ion: 41 Resp: 102448
Ion Ratio Lower Upper
41 100
39 53.2 45.0 67.6
67 73.1 55.6 83.4
52 29.2 23.2 34.8



#42
1,2-Dichloroethane
Concen: 53.412 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

Tgt Ion: 62 Resp: 178479
Ion Ratio Lower Upper
62 100
98 10.3 0.0 18.0





#43

Isopropyl Acetate

Concen: 58.913 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

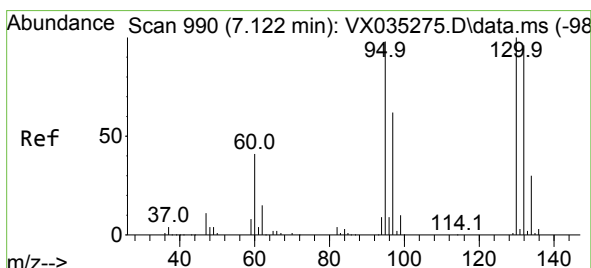
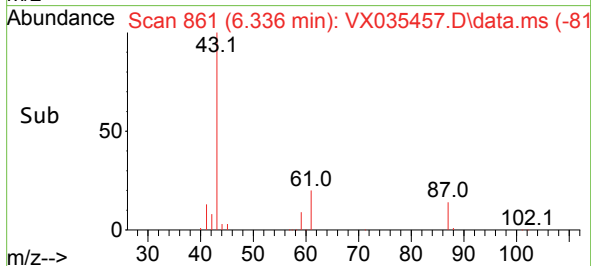
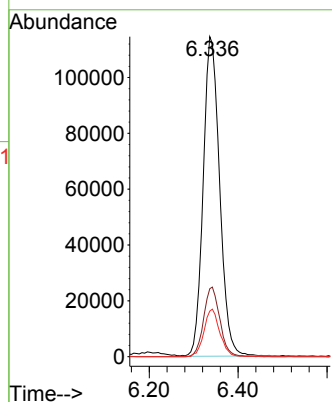
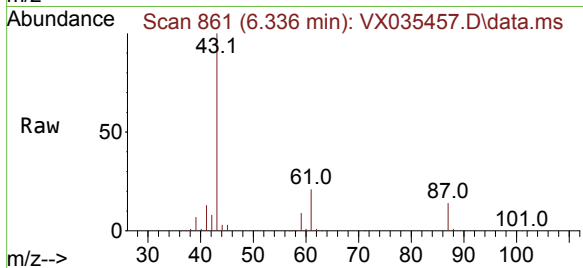
Tgt Ion: 43 Resp: 295383

Ion Ratio Lower Upper

43 100

61 21.5 15.2 22.8

87 14.3 9.8 14.8



#44

Trichloroethene

Concen: 48.346 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.007 min

Lab File: VX035457.D

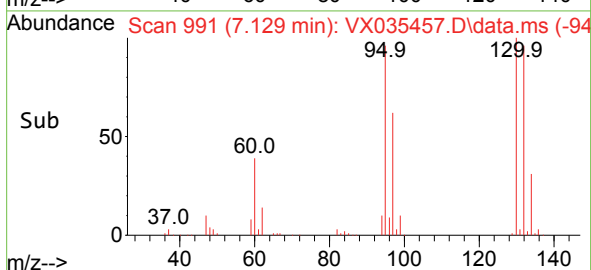
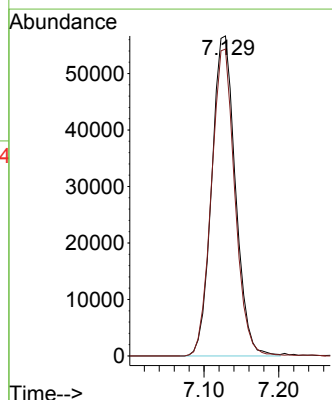
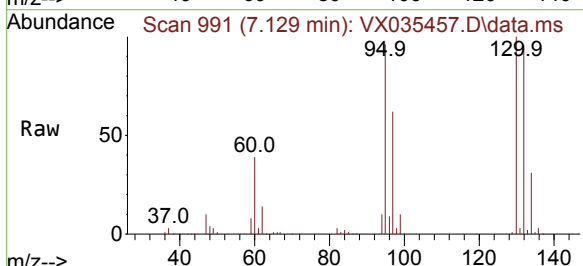
Acq: 01 May 2023 22:30

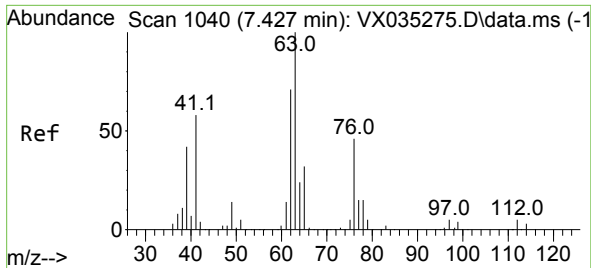
Tgt Ion:130 Resp: 124821

Ion Ratio Lower Upper

130 100

95 95.9 0.0 198.4

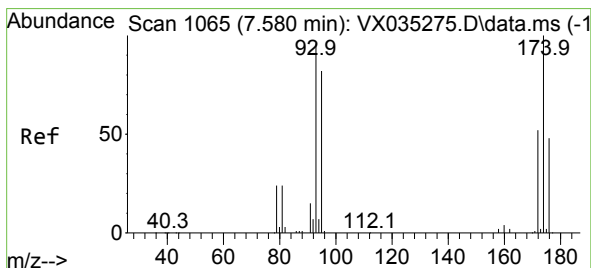
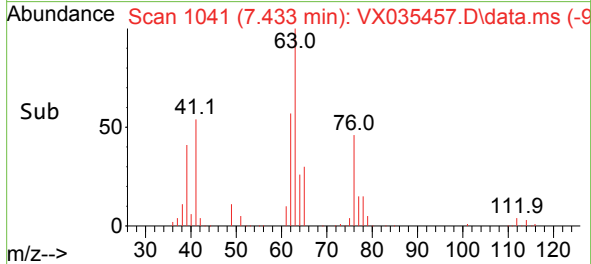
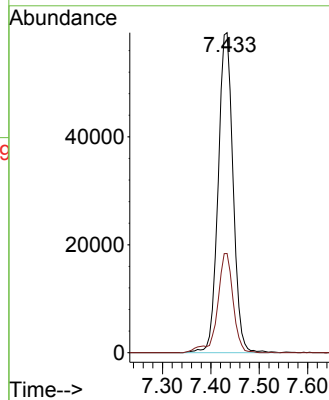
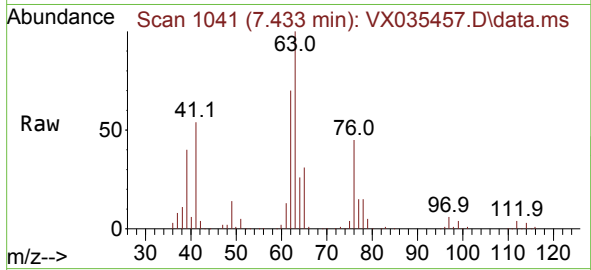




#45
1,2-Dichloropropane
Concen: 53.675 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

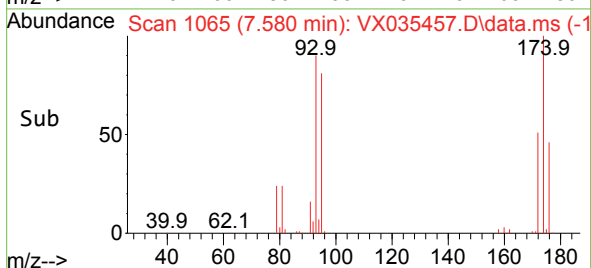
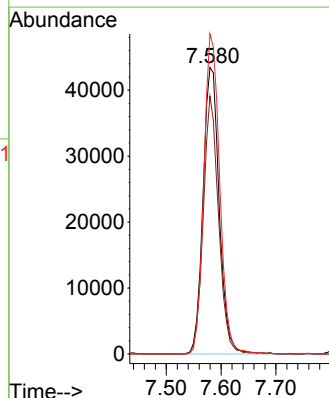
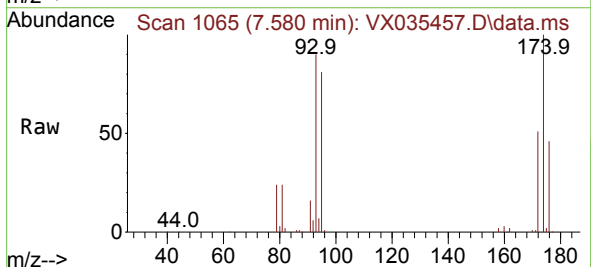
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

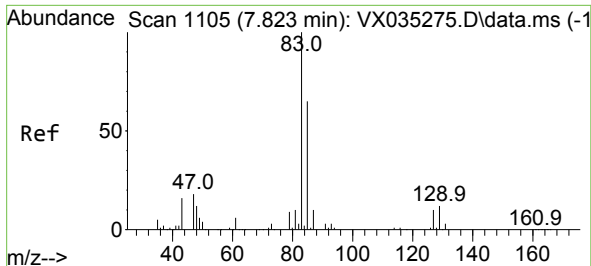
Tgt Ion: 63 Resp: 126823
Ion Ratio Lower Upper
63 100
65 31.0 24.6 37.0



#46
Dibromomethane
Concen: 54.915 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

Tgt Ion: 93 Resp: 89103
Ion Ratio Lower Upper
93 100
95 84.7 66.9 100.3
174 108.8 75.4 113.0

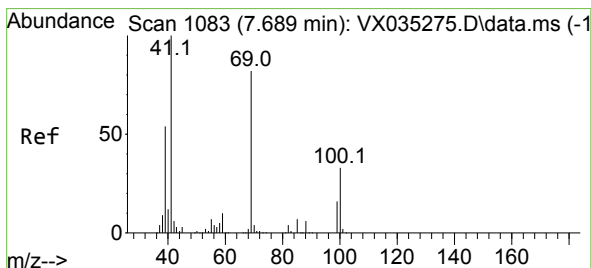
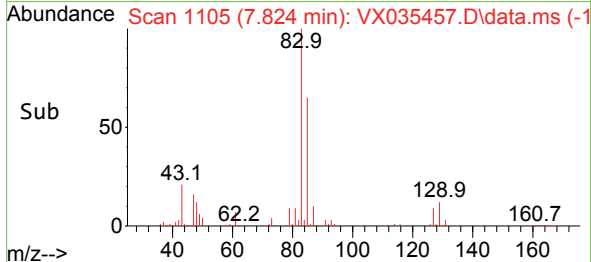
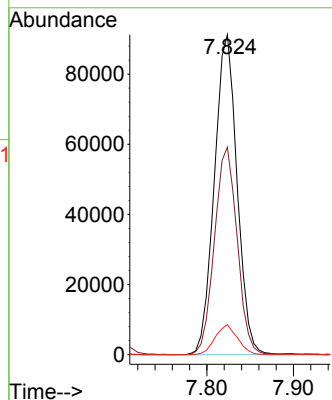
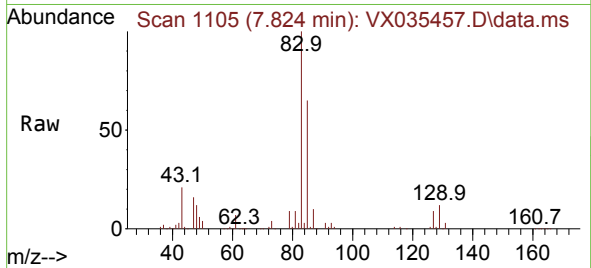




#47
Bromodichloromethane
Concen: 55.591 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

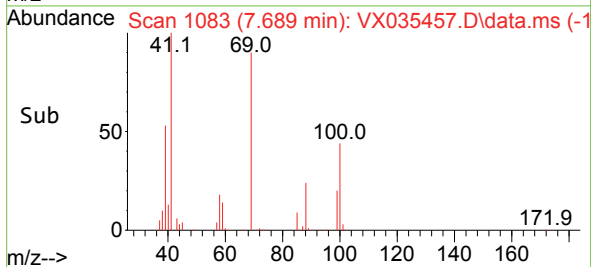
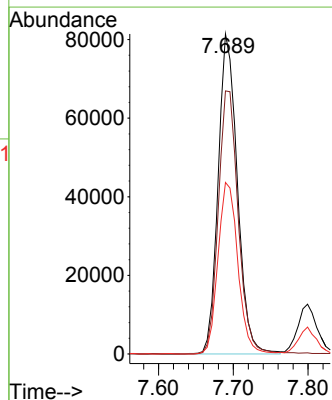
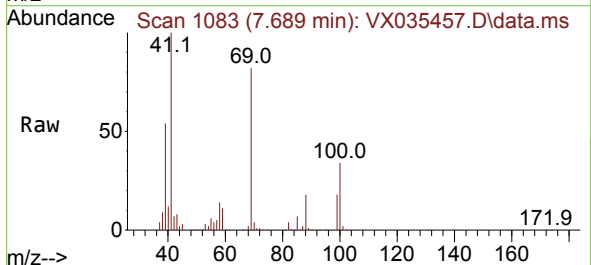
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

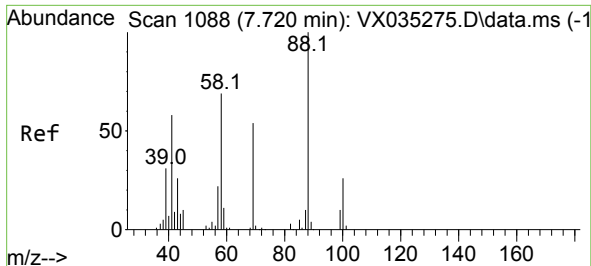
Tgt Ion: 83 Resp: 166190
Ion Ratio Lower Upper
83 100
85 64.8 52.2 78.4
127 9.4 6.6 9.8



#48
Methyl methacrylate
Concen: 59.356 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

Tgt Ion: 41 Resp: 145984
Ion Ratio Lower Upper
41 100
69 85.6 62.2 93.4
39 55.5 47.7 71.5





#49

1,4-Dioxane

Concen: 1106.044 ug/l

RT: 7.708 min Scan# 1088

Delta R.T. -0.012 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

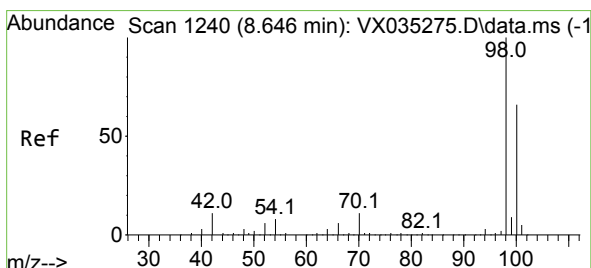
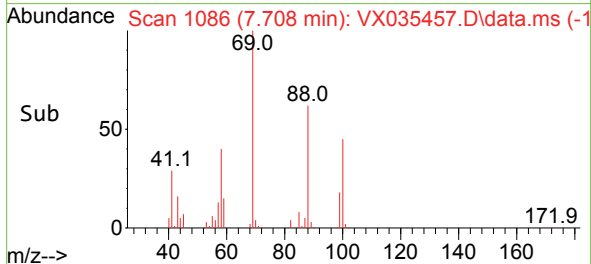
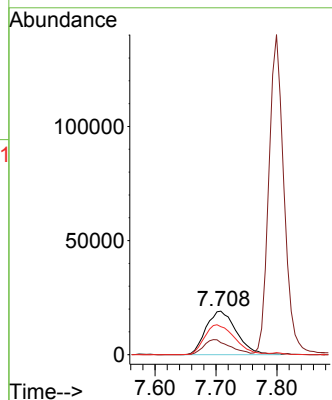
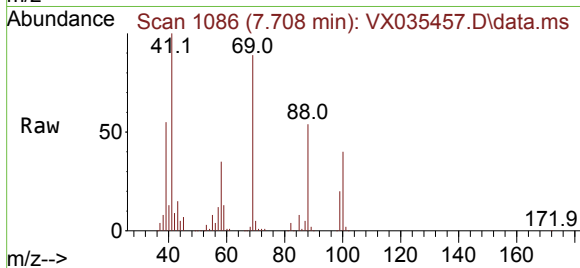
Tgt Ion: 88 Resp: 66307

Ion Ratio Lower Upper

88 100

43 30.7 27.7 41.5

58 68.5 56.8 85.2



#50

Toluene-d8

Concen: 53.600 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035457.D

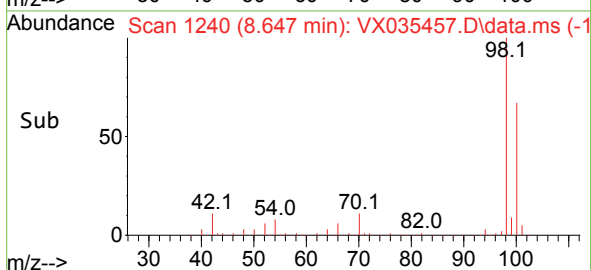
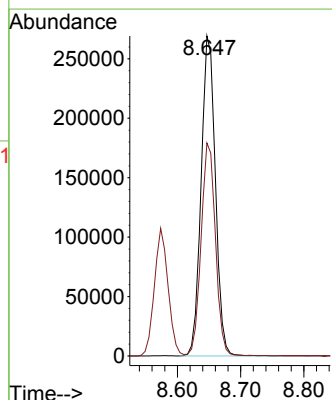
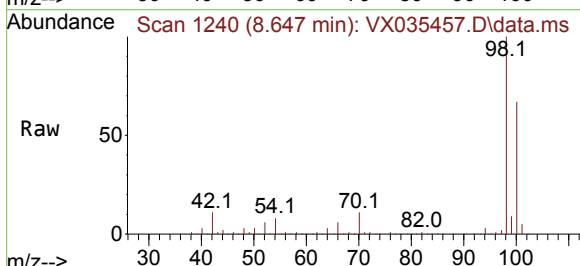
Acq: 01 May 2023 22:30

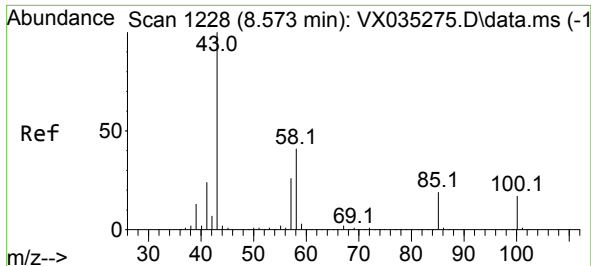
Tgt Ion: 98 Resp: 423059

Ion Ratio Lower Upper

98 100

100 66.8 52.5 78.7

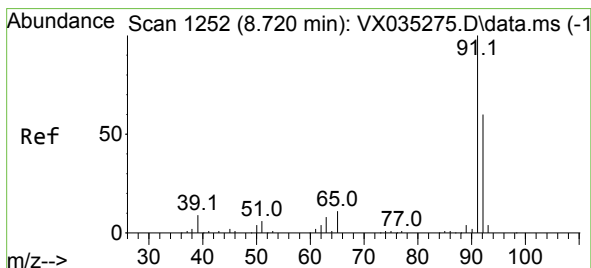
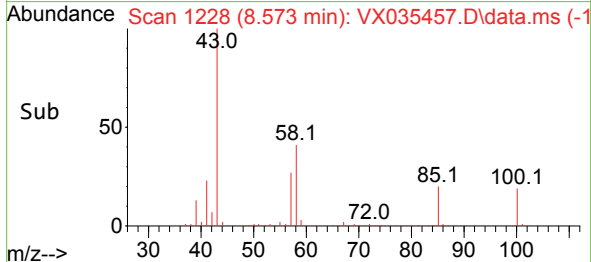
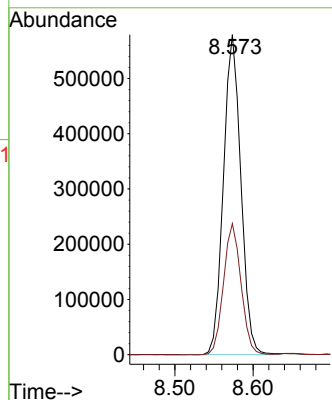
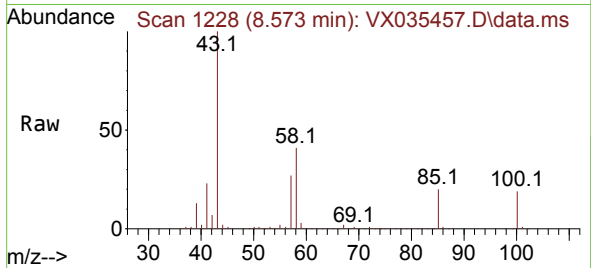




#51
4-Methyl-2-Pentanone
Concen: 291.035 ug/l
RT: 8.573 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

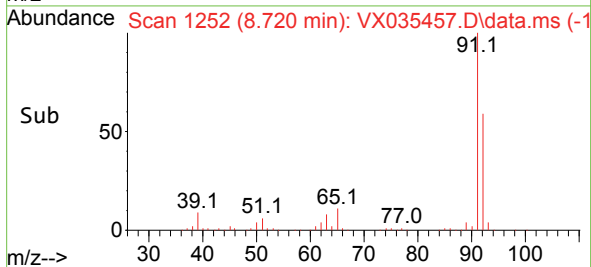
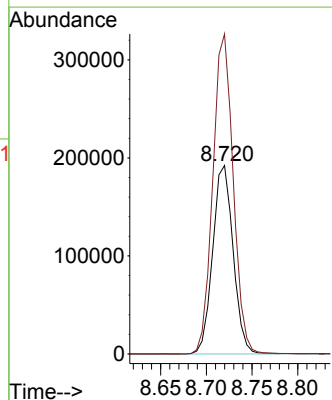
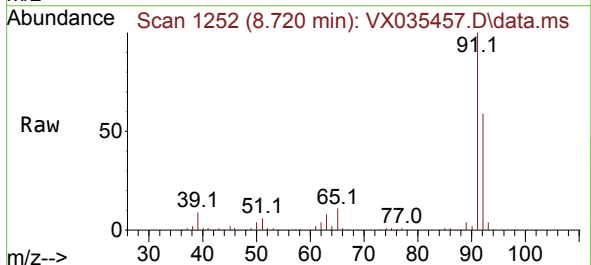
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

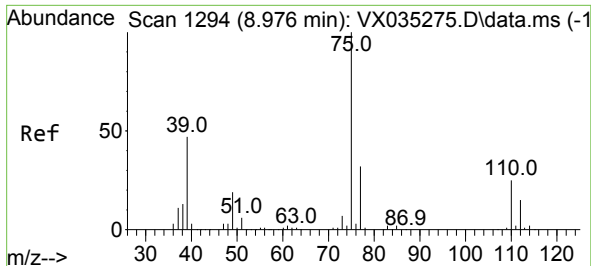
Tgt Ion: 43 Resp: 896490
Ion Ratio Lower Upper
43 100
58 41.1 30.6 46.0



#52
Toluene
Concen: 50.303 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

Tgt Ion: 92 Resp: 298830
Ion Ratio Lower Upper
92 100
91 169.4 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 59.649 ug/l

RT: 8.976 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

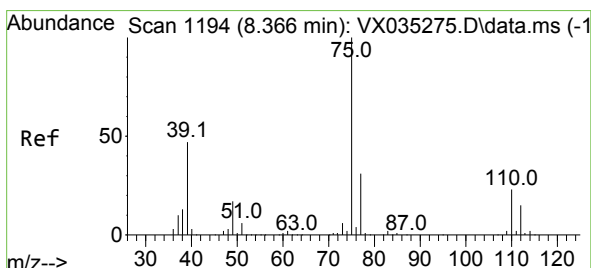
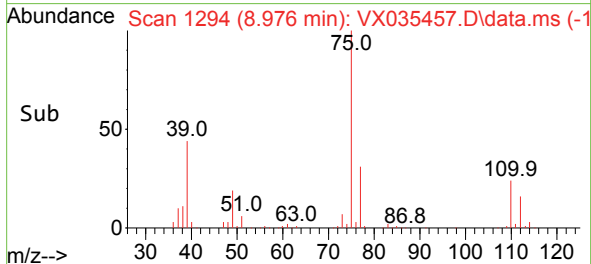
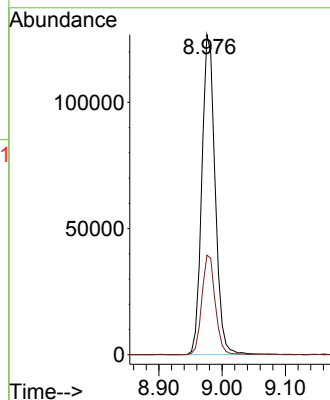
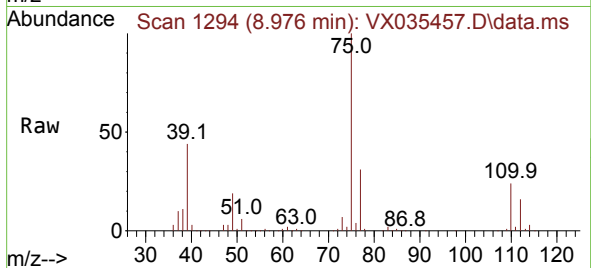
VSTDCCC050

Tgt Ion: 75 Resp: 186227

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 57.364 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

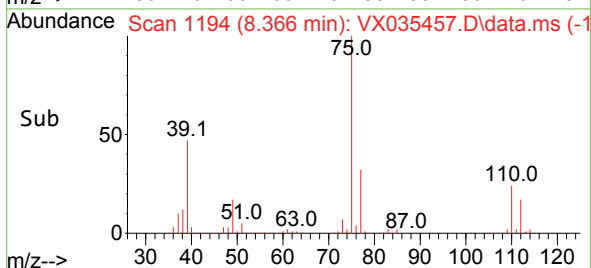
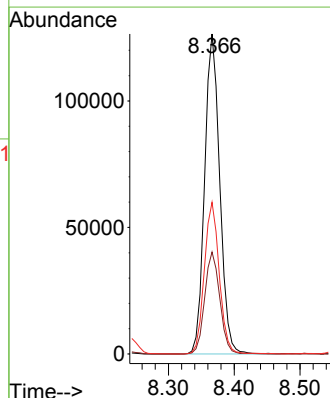
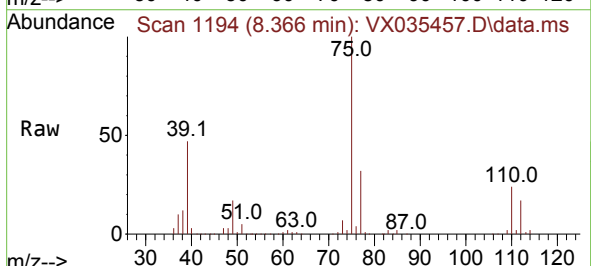
Tgt Ion: 75 Resp: 202428

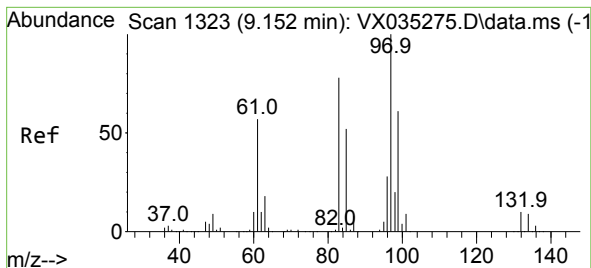
Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.4

39 47.4 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 55.790 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.001 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 132124

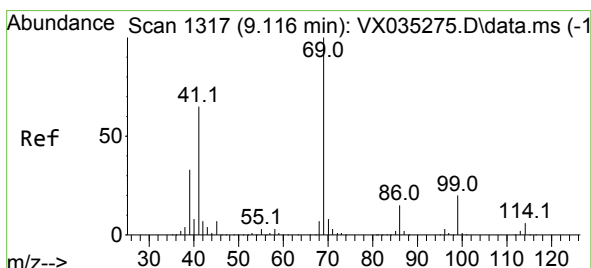
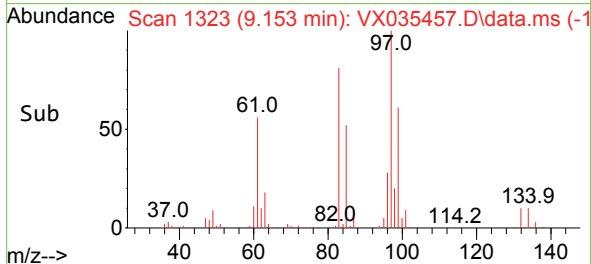
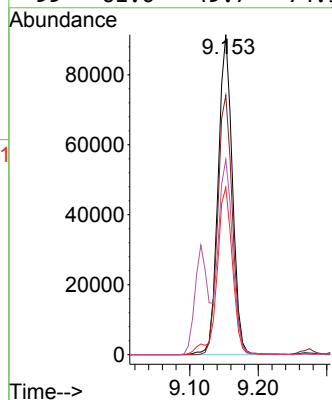
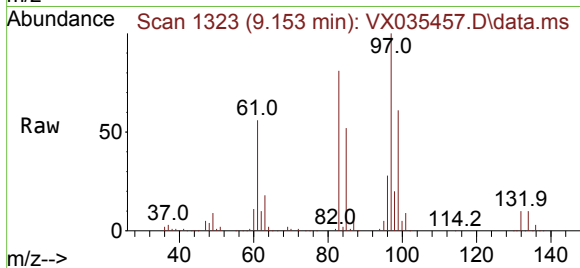
Ion Ratio Lower Upper

97 100

83 81.1 69.7 104.5

85 52.3 43.7 65.5

99 61.0 49.7 74.5



#56

Ethyl methacrylate

Concen: 59.433 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

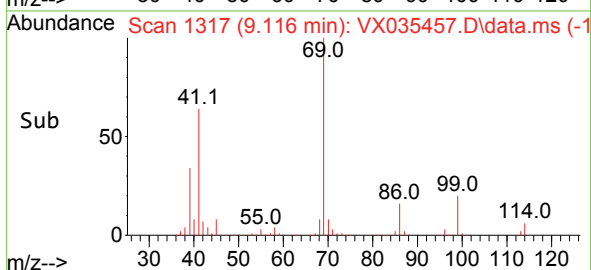
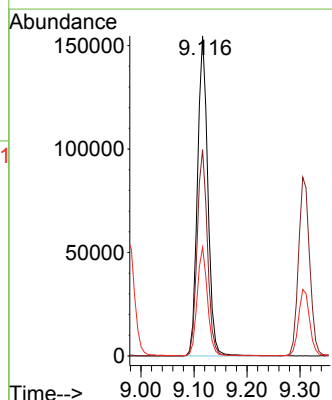
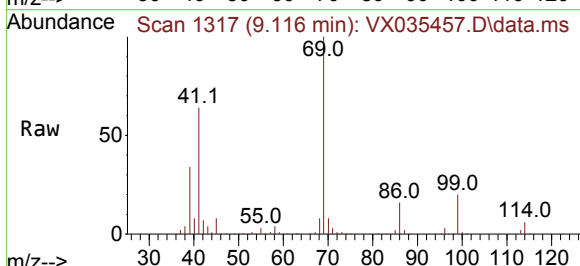
Tgt Ion: 69 Resp: 209671

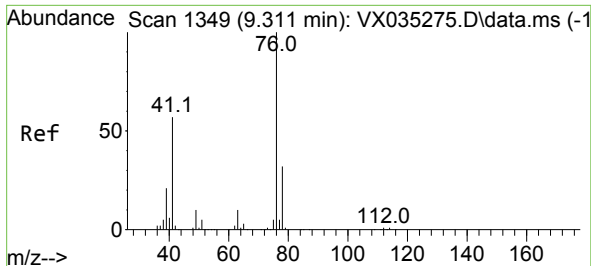
Ion Ratio Lower Upper

69 100

41 64.3 57.4 86.0

39 33.7 33.7 50.5





#57

1,3-Dichloropropane

Concen: 55.248 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

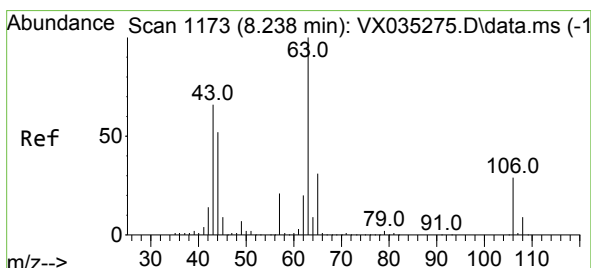
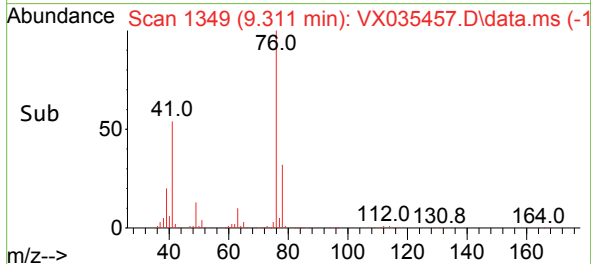
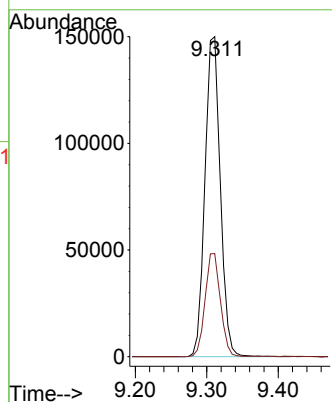
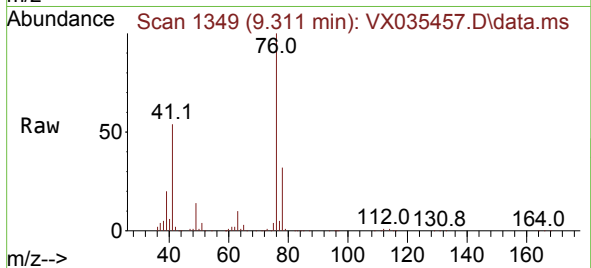
VSTDCCC050

Tgt Ion: 76 Resp: 223790

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 297.774 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX035457.D

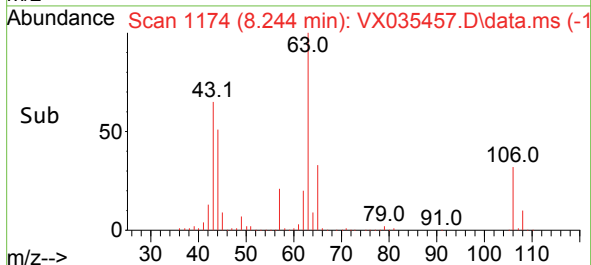
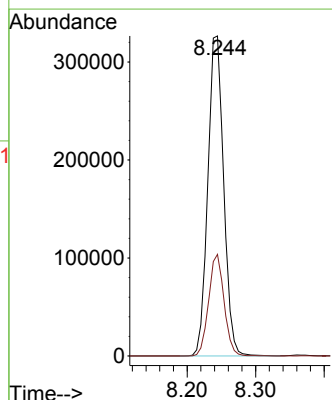
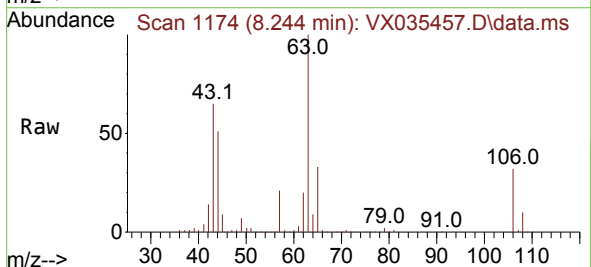
Acq: 01 May 2023 22:30

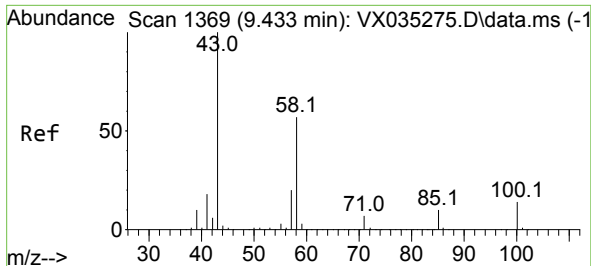
Tgt Ion: 63 Resp: 525271

Ion Ratio Lower Upper

63 100

106 30.8 22.2 33.2





#59

2-Hexanone

Concen: 289.097 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

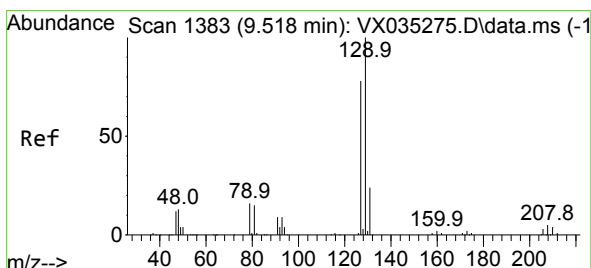
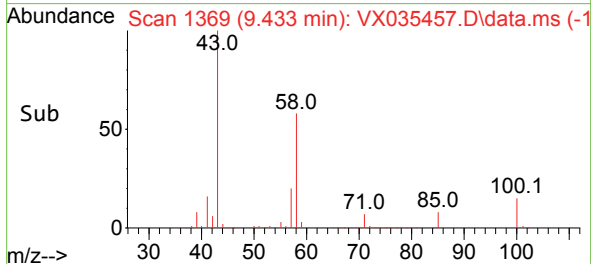
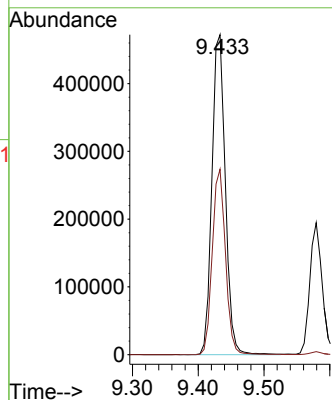
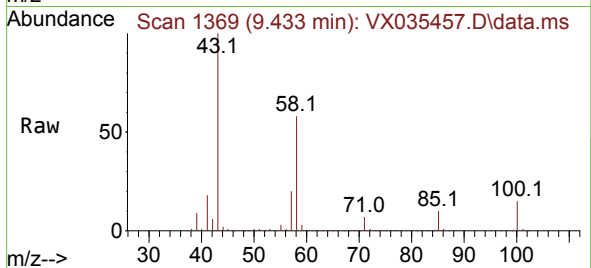
VSTDCCC050

Tgt Ion: 43 Resp: 669002

Ion Ratio Lower Upper

43 100

58 57.2 26.3 78.9



#60

Dibromochloromethane

Concen: 59.499 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX035457.D

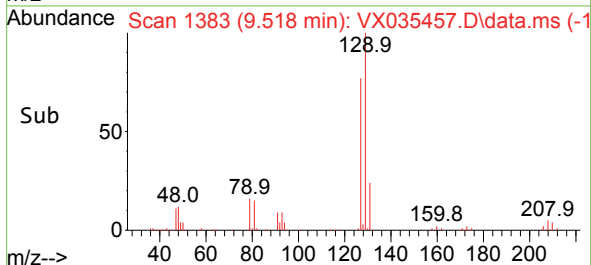
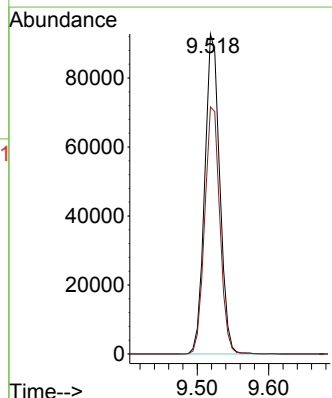
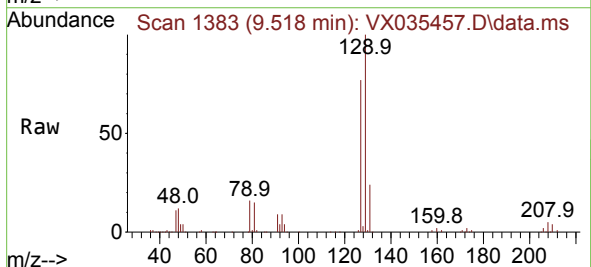
Acq: 01 May 2023 22:30

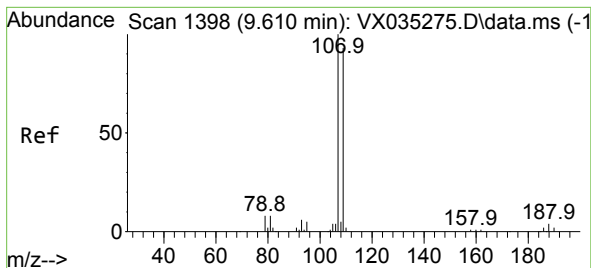
Tgt Ion: 129 Resp: 135005

Ion Ratio Lower Upper

129 100

127 78.1 39.0 117.0





#61

1,2-Dibromoethane

Concen: 56.687 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

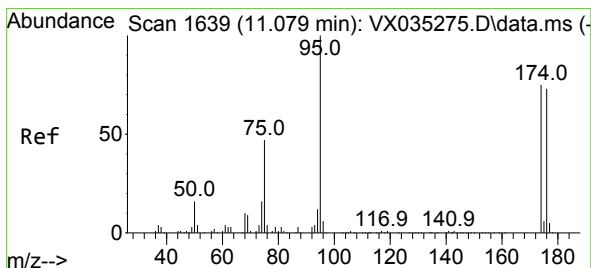
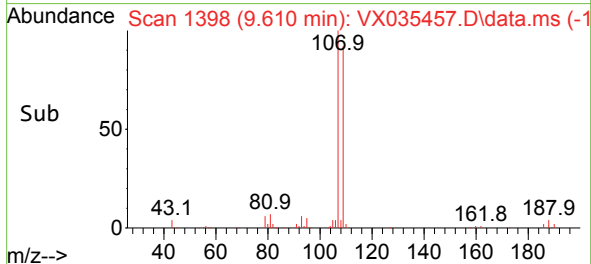
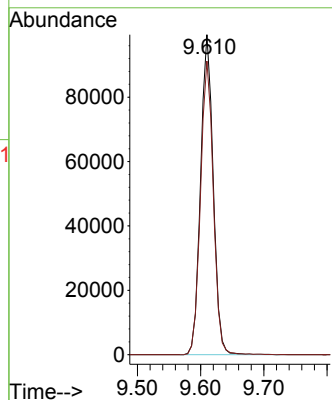
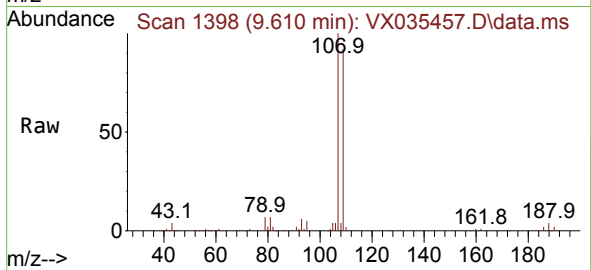
VSTDCCC050

Tgt Ion:107 Resp: 138395

Ion Ratio Lower Upper

107 100

109 93.2 75.3 112.9



#62

4-Bromofluorobenzene

Concen: 55.454 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

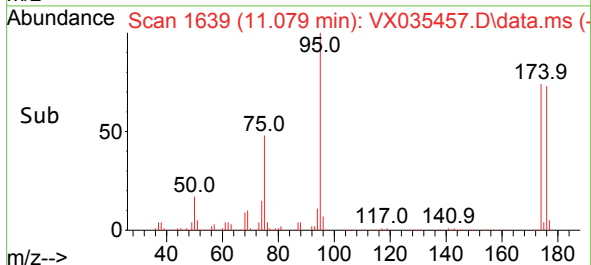
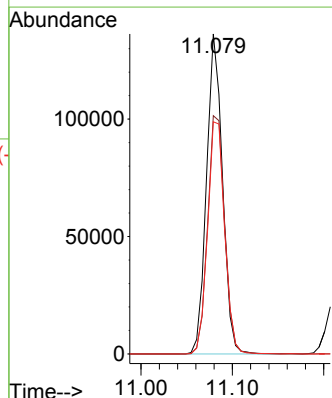
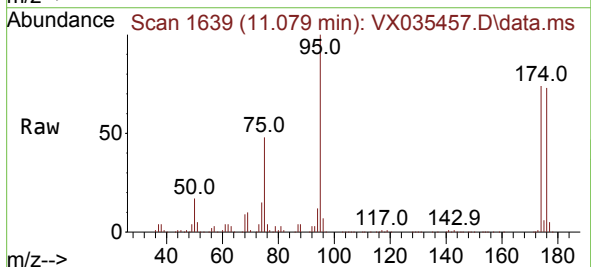
Tgt Ion: 95 Resp: 164652

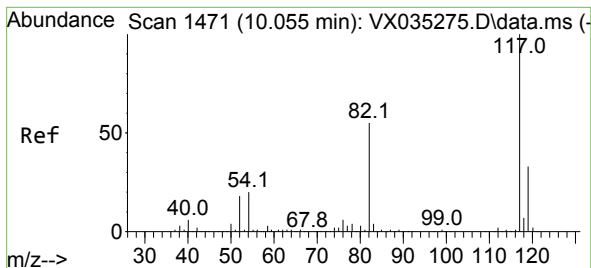
Ion Ratio Lower Upper

95 100

174 79.6 0.0 147.4

176 77.6 0.0 140.6

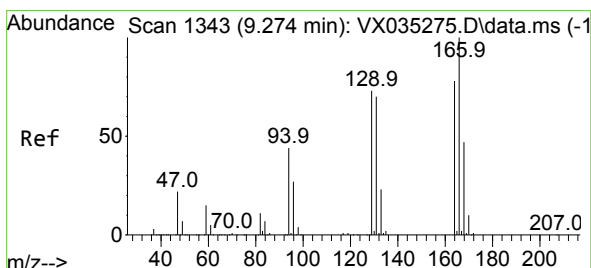
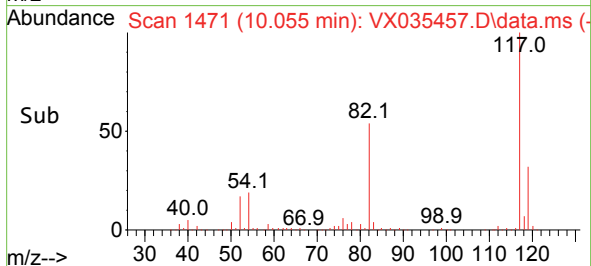
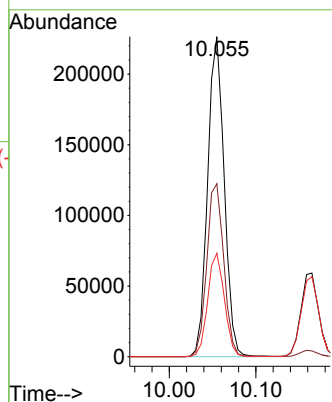
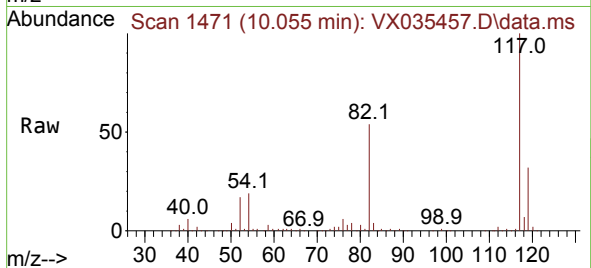




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

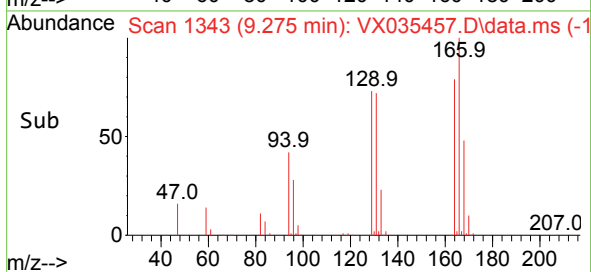
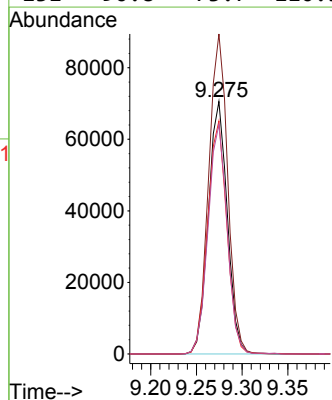
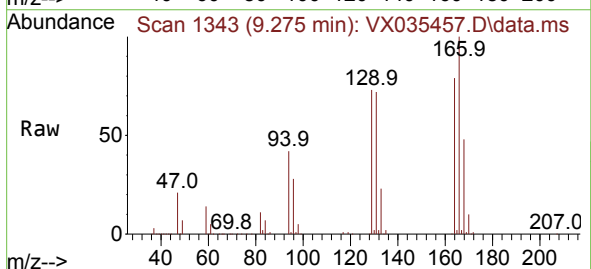
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

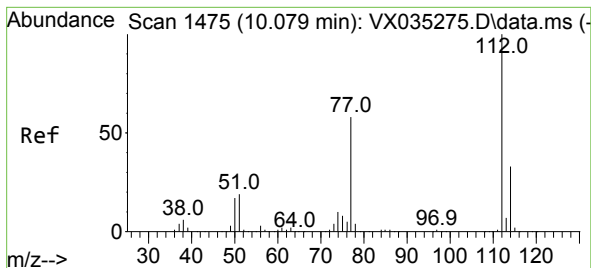
Tgt Ion:117 Resp: 300762
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.4
119 32.3 26.0 39.0



#64
Tetrachloroethene
Concen: 44.135 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

Tgt Ion:164 Resp: 101636
Ion Ratio Lower Upper
164 100
166 126.8 102.7 154.1
129 92.3 75.6 113.4
131 90.8 73.7 110.5





#65

Chlorobenzene

Concen: 50.025 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

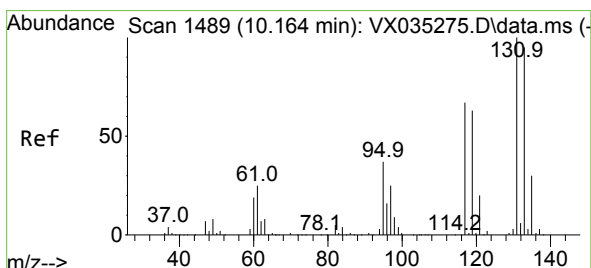
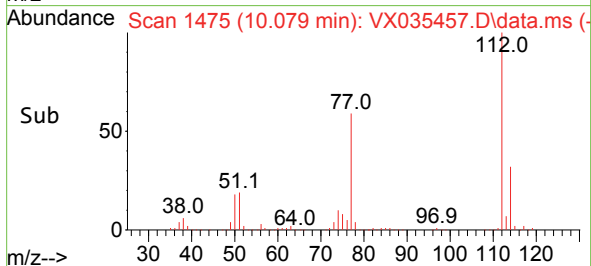
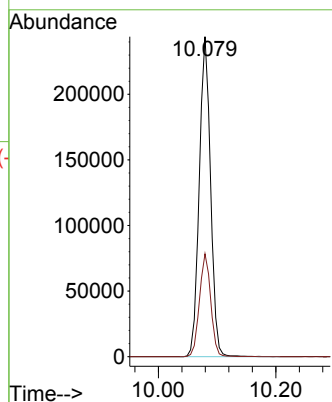
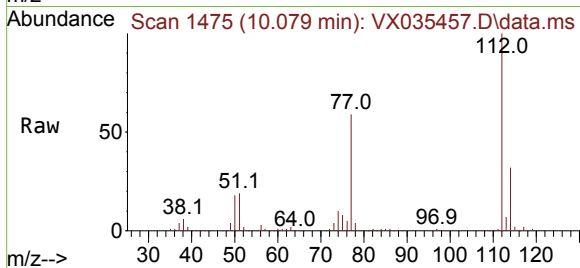
VSTDCCC050

Tgt Ion:112 Resp: 325513

Ion Ratio Lower Upper

112 100

114 32.2 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 55.792 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.001 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

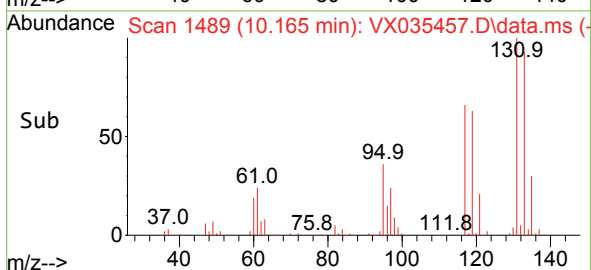
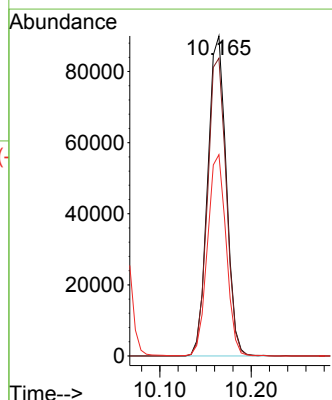
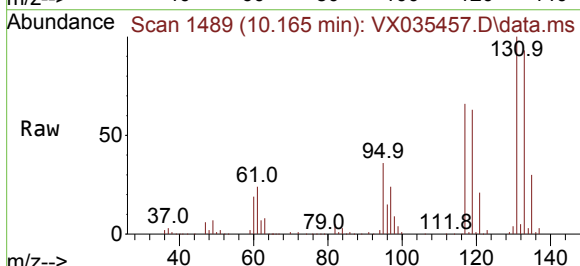
Tgt Ion:131 Resp: 126348

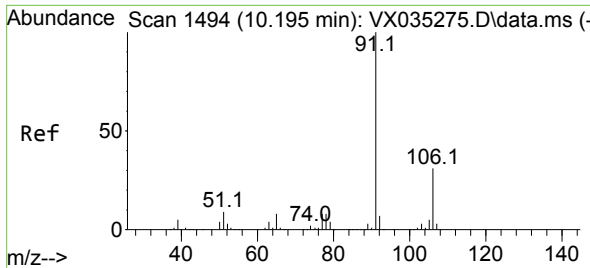
Ion Ratio Lower Upper

131 100

133 94.1 47.1 141.4

119 63.4 32.6 98.0

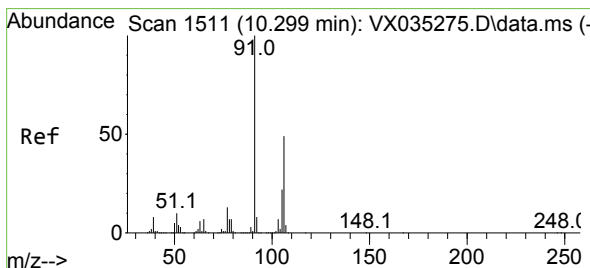
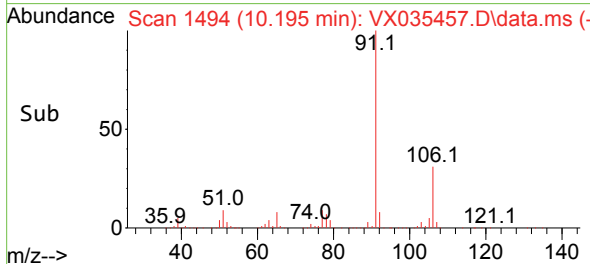
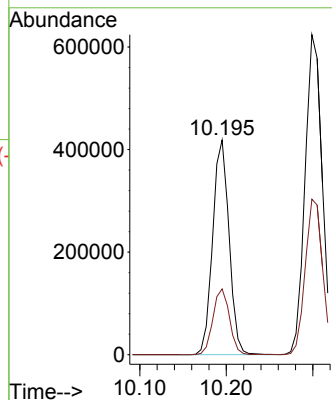
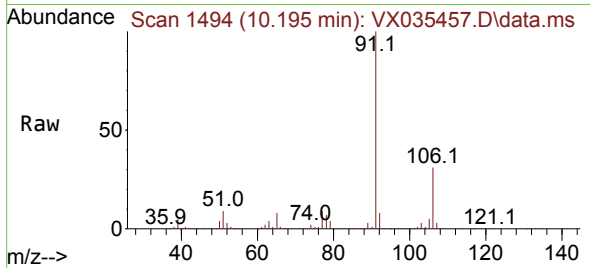




#67
Ethyl Benzene
Concen: 48.802 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

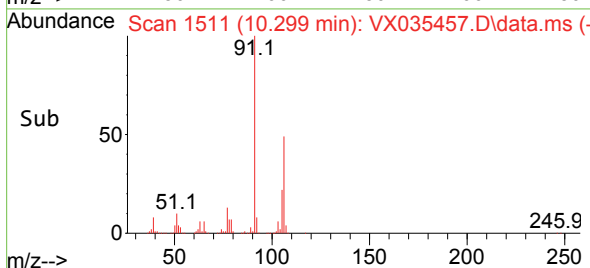
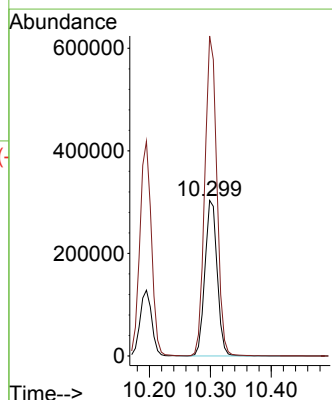
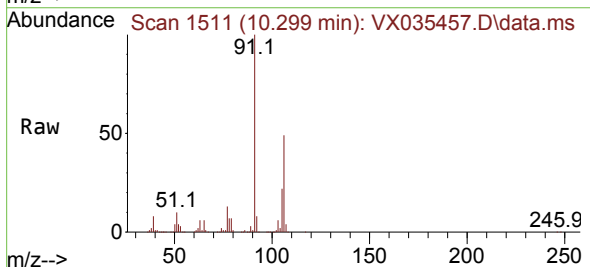
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

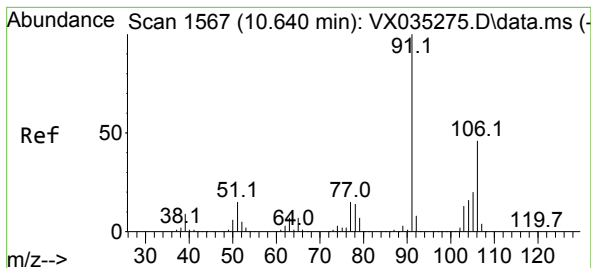
Tgt Ion: 91 Resp: 549944
Ion Ratio Lower Upper
91 100
106 30.6 25.6 38.4



#68
m/p-Xylenes
Concen: 98.219 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

Tgt Ion: 106 Resp: 424108
Ion Ratio Lower Upper
106 100
91 202.6 164.0 246.0





#69

o-Xylene

Concen: 51.066 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

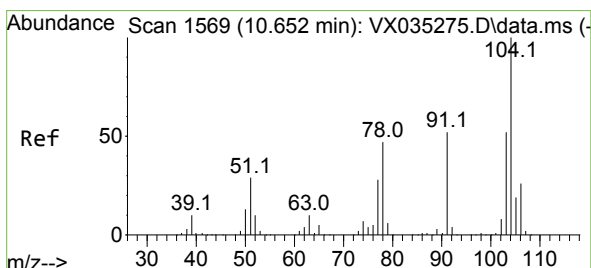
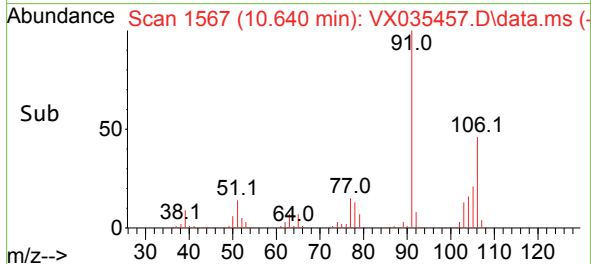
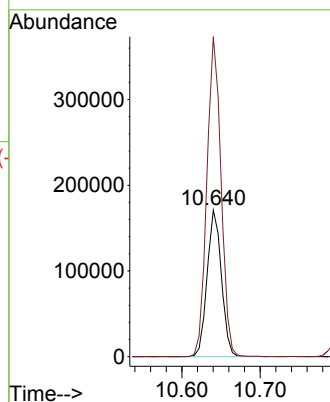
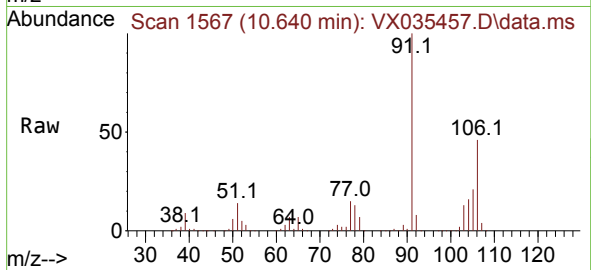
VSTDCCC050

Tgt Ion:106 Resp: 216223

Ion Ratio Lower Upper

106 100

91 216.8 108.5 325.3



#70

Styrene

Concen: 53.632 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

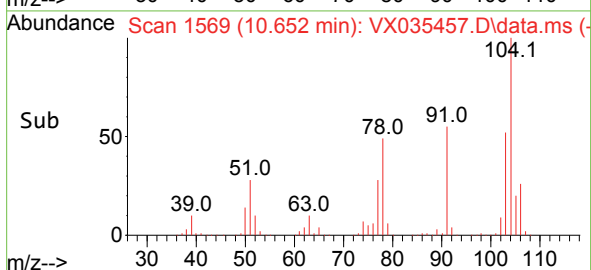
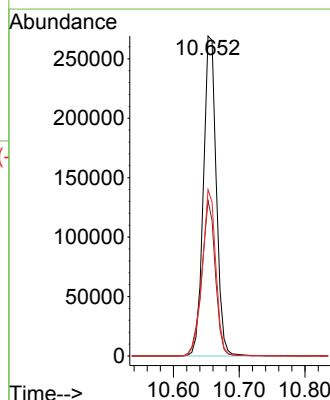
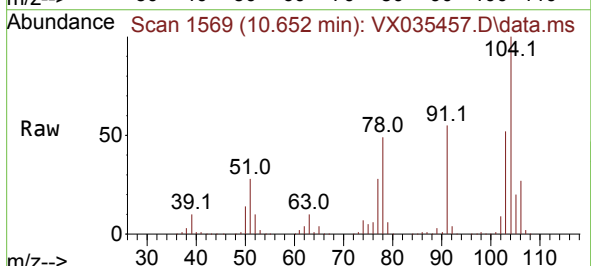
Tgt Ion:104 Resp: 368204

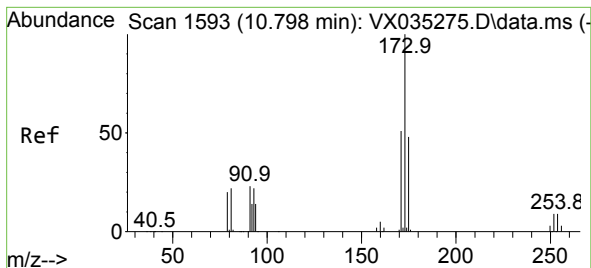
Ion Ratio Lower Upper

104 100

78 51.2 43.4 65.2

103 54.6 44.2 66.2





#71

Bromoform

Concen: 61.706 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.001 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

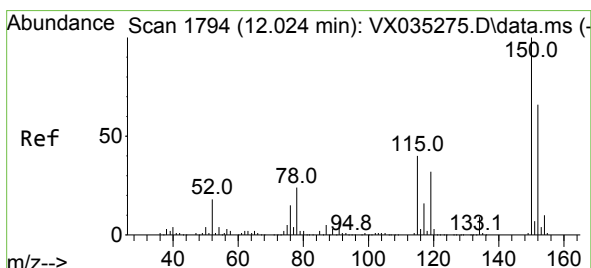
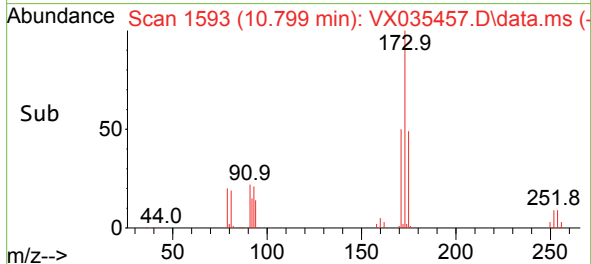
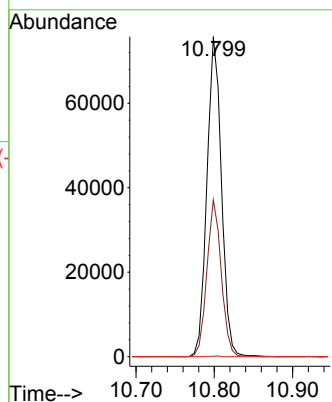
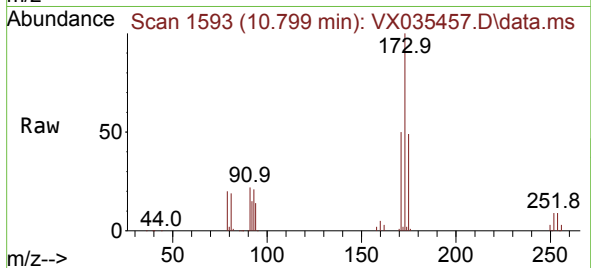
Tgt Ion:173 Resp: 97199

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.4

254 0.2 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: VX035457.D

Acq: 01 May 2023 22:30

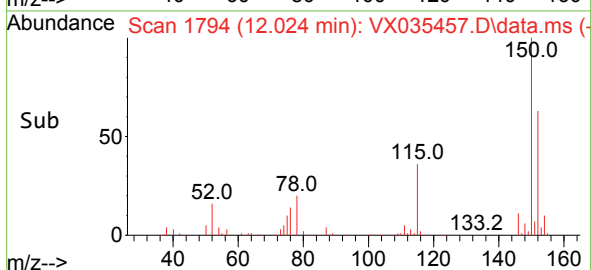
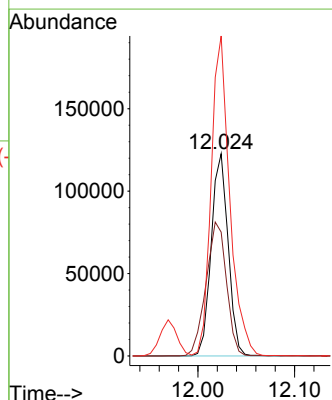
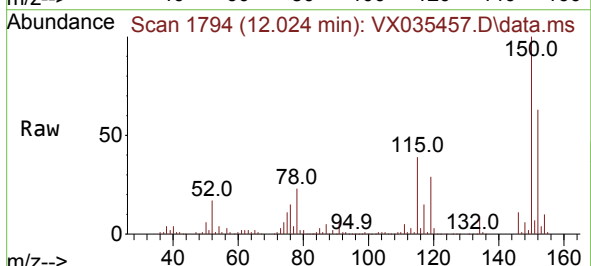
Tgt Ion:152 Resp: 148800

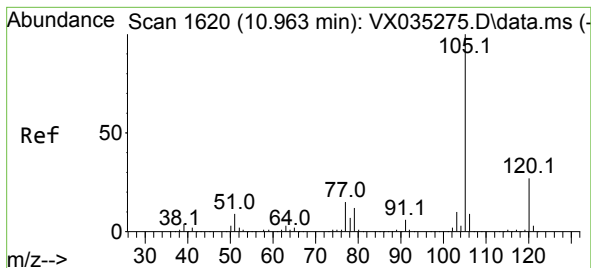
Ion Ratio Lower Upper

152 100

115 80.3 45.0 135.0

150 173.6 0.0 352.4





#73

Isopropylbenzene

Concen: 47.838 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

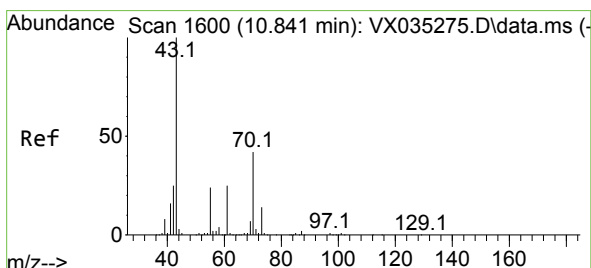
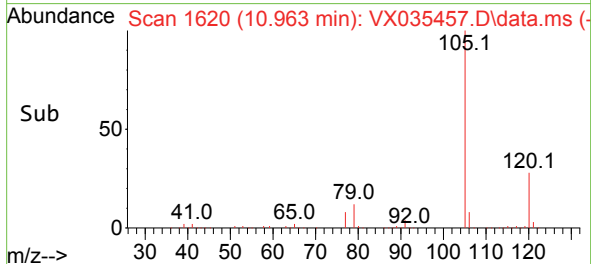
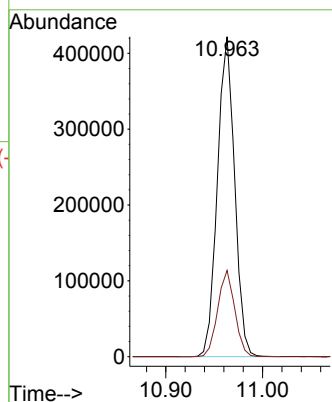
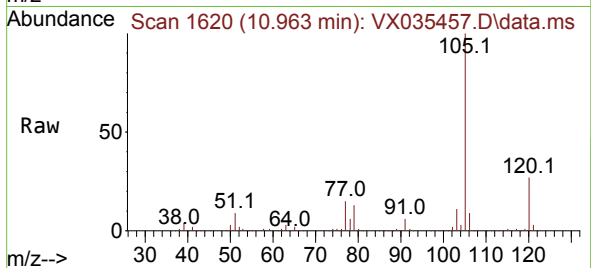
VSTDCCC050

Tgt Ion:105 Resp: 520342

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 58.756 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

Tgt Ion: 43 Resp: 240177

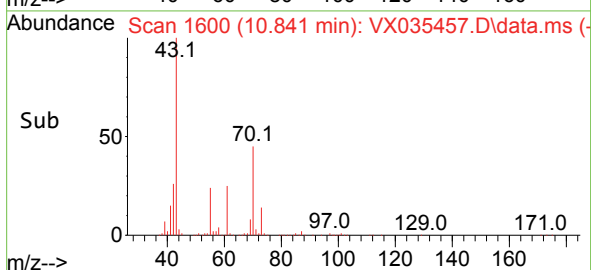
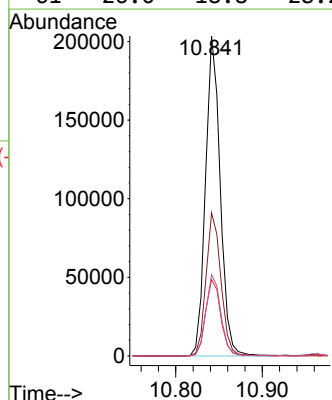
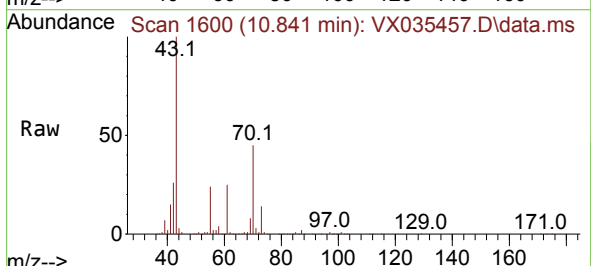
Ion Ratio Lower Upper

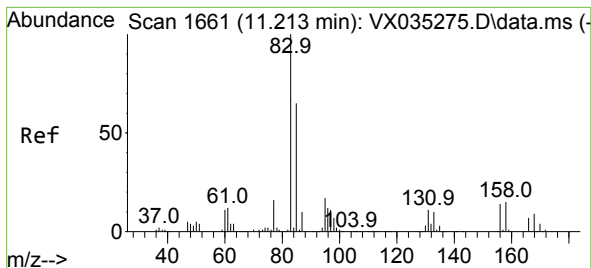
43 100

70 45.5 32.1 48.1

55 24.8 18.3 27.5

61 26.0 18.8 28.2

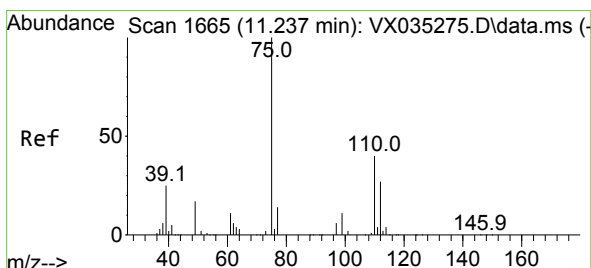
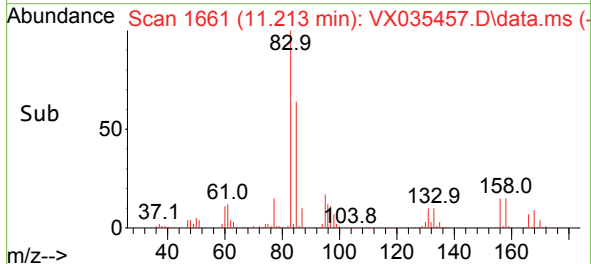
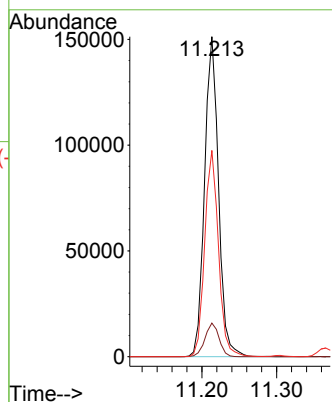
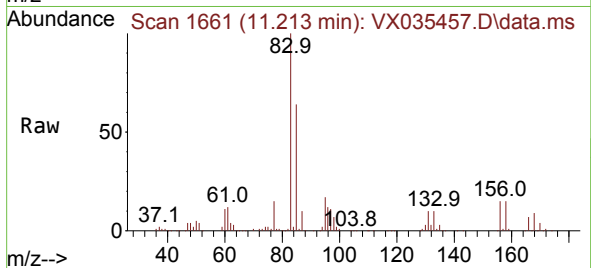




#75
 1,1,2,2-Tetrachloroethane
 Concen: 57.890 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX035457.D
 Acq: 01 May 2023 22:30

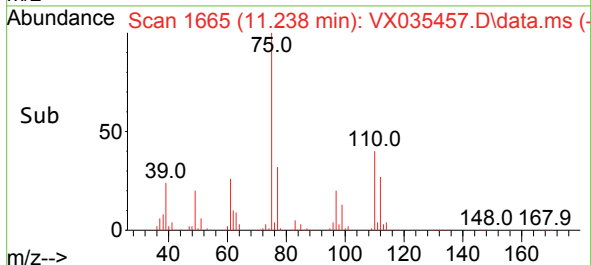
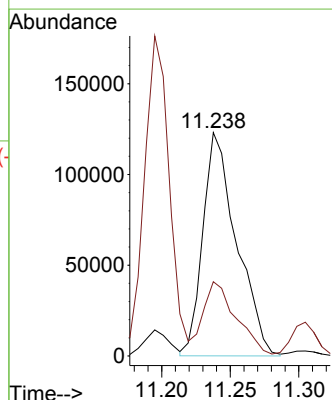
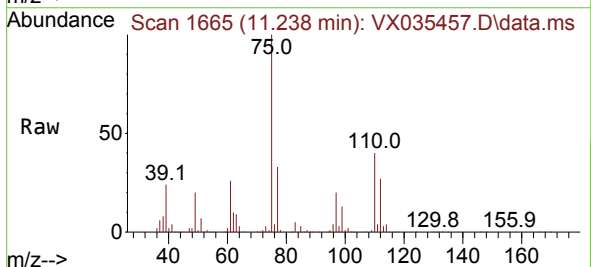
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

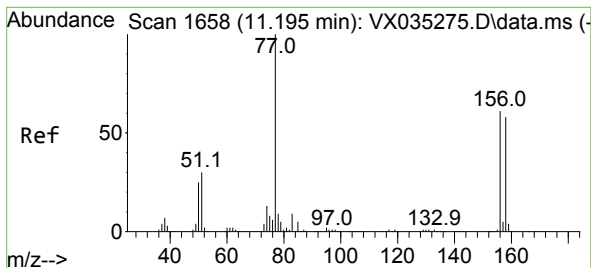
Tgt Ion: 83 Resp: 195443
 Ion Ratio Lower Upper
 83 100
 131 10.6 4.8 14.3
 85 63.9 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 71.137 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.001 min
 Lab File: VX035457.D
 Acq: 01 May 2023 22:30

Tgt Ion: 75 Resp: 211151
 Ion Ratio Lower Upper
 75 100
 77 32.8 21.6 64.8





#77

Bromobenzene

Concen: 53.947 ug/l

RT: 11.201 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

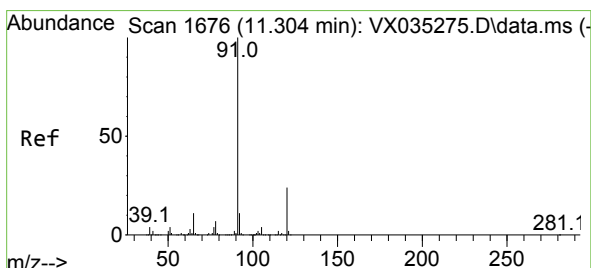
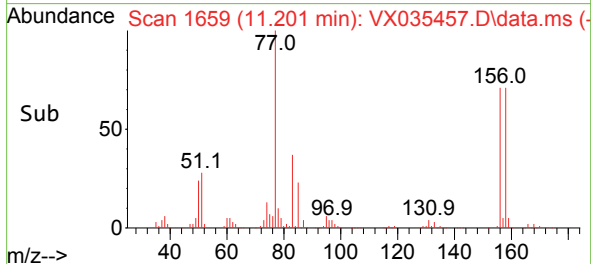
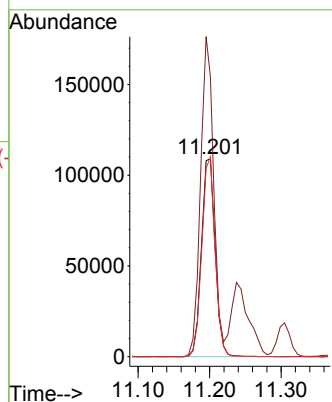
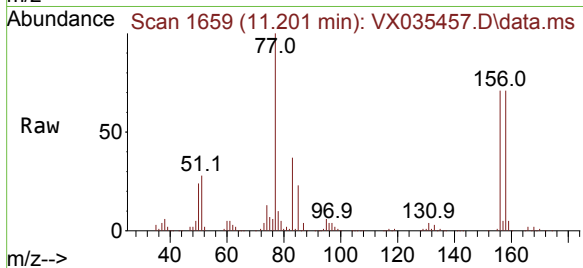
Tgt Ion:156 Resp: 145861

Ion Ratio Lower Upper

156 100

77 153.0 86.7 259.9

158 97.1 48.0 144.0



#78

n-propylbenzene

Concen: 45.718 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.001 min

Lab File: VX035457.D

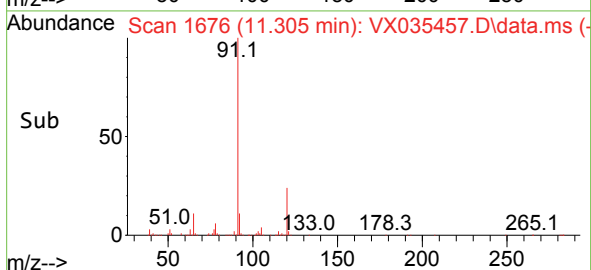
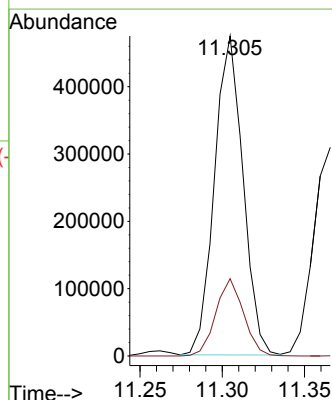
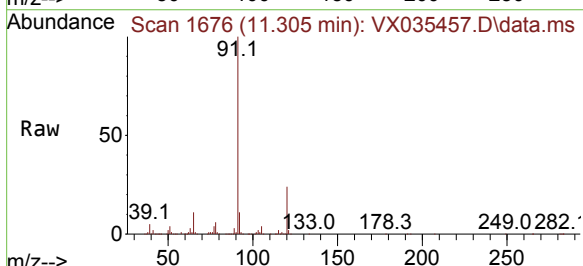
Acq: 01 May 2023 22:30

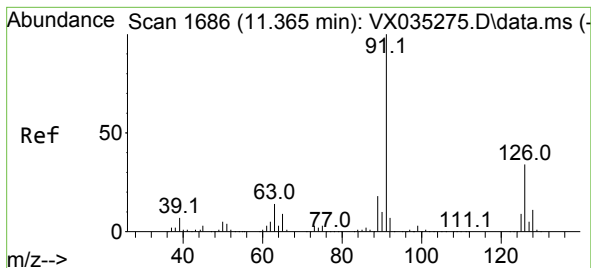
Tgt Ion: 91 Resp: 571115

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.5





#79

2-Chlorotoluene

Concen: 48.836 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

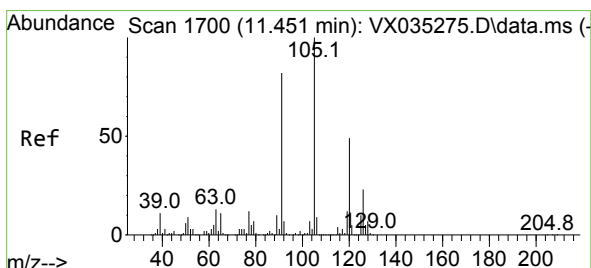
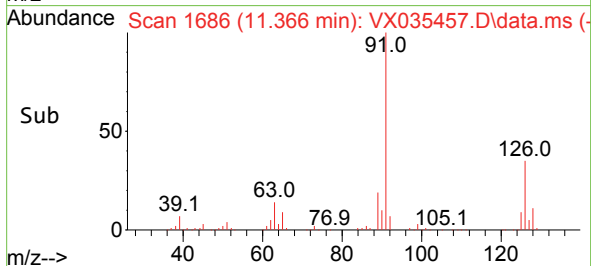
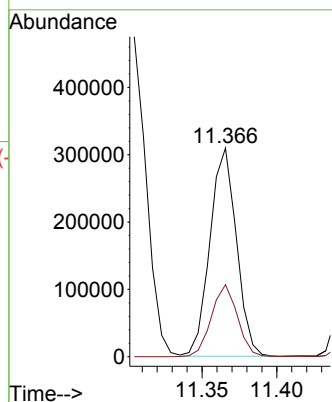
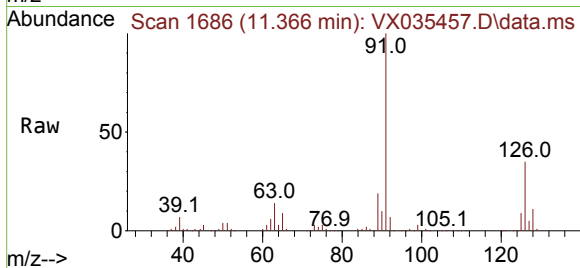
VSTDCCC050

Tgt Ion: 91 Resp: 381222

Ion Ratio Lower Upper

91 100

126 33.9 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 49.081 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035457.D

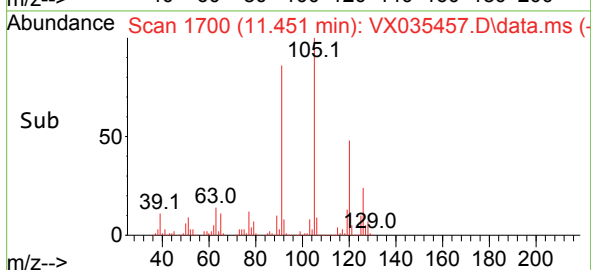
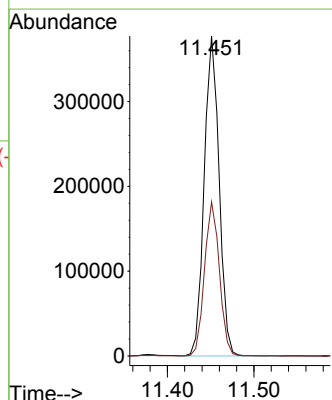
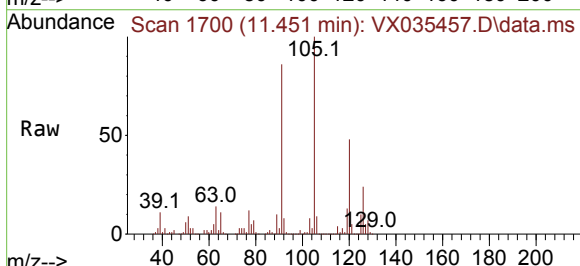
Acq: 01 May 2023 22:30

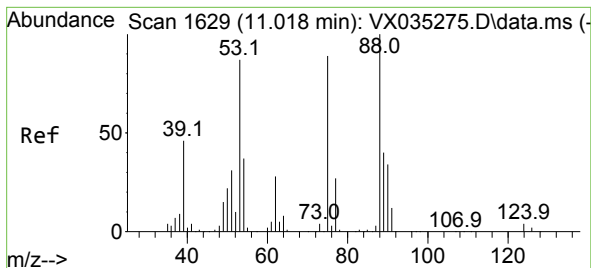
Tgt Ion: 105 Resp: 450143

Ion Ratio Lower Upper

105 100

120 48.1 23.7 71.1

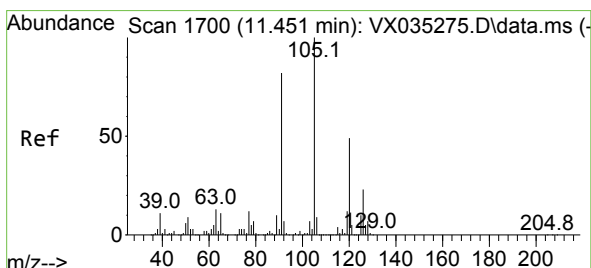
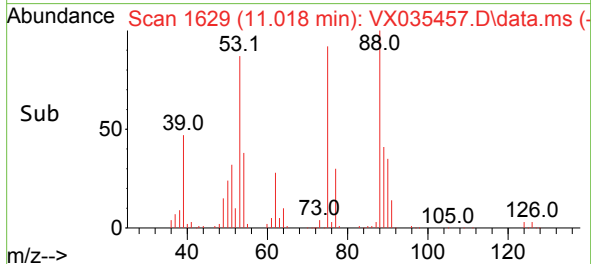
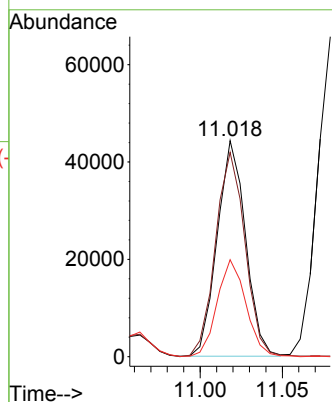
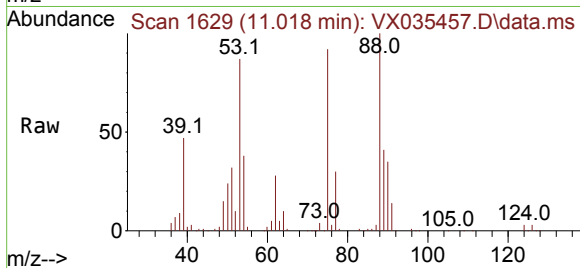




#81
trans-1,4-Dichloro-2-butene
Concen: 57.920 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

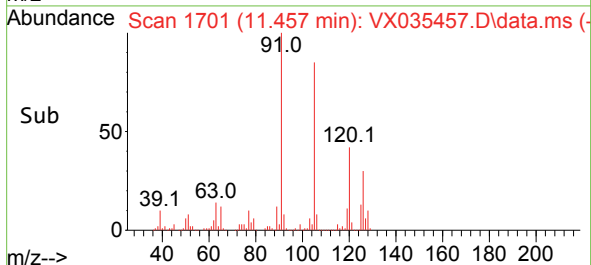
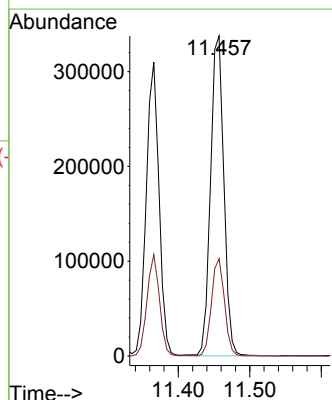
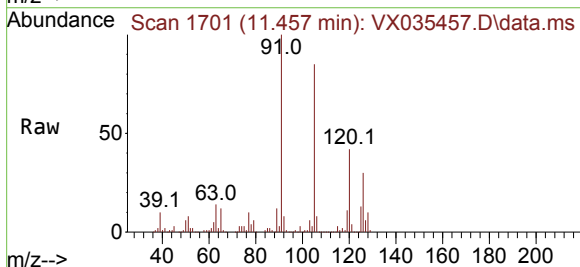
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

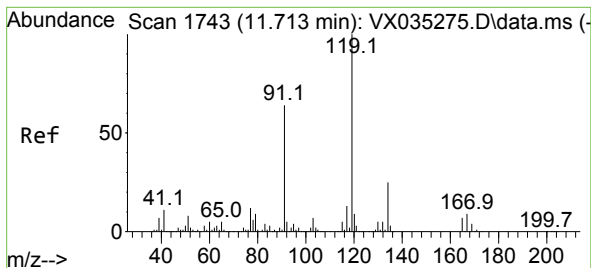
Tgt Ion:	75	Resp:	53081
Ion	Ratio	Lower	Upper
75	100		
53	98.8	82.6	124.0
89	45.7	36.9	55.3



#82
4-Chlorotoluene
Concen: 49.748 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

Tgt Ion:	91	Resp:	436170
Ion	Ratio	Lower	Upper
91	100		
126	29.9	14.2	42.6

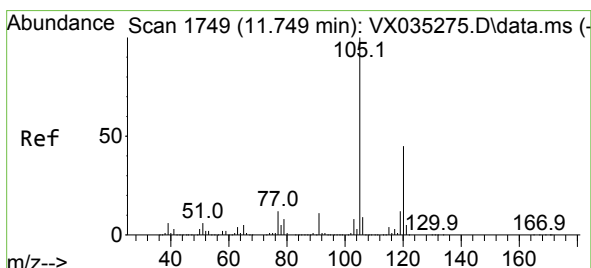
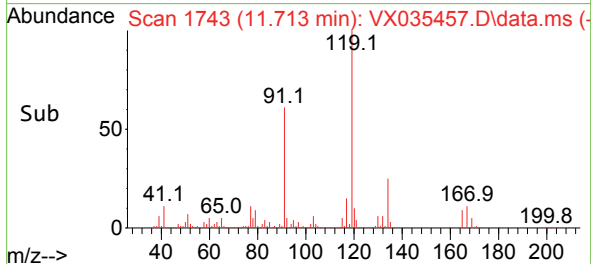
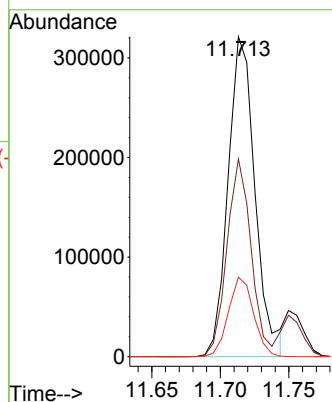
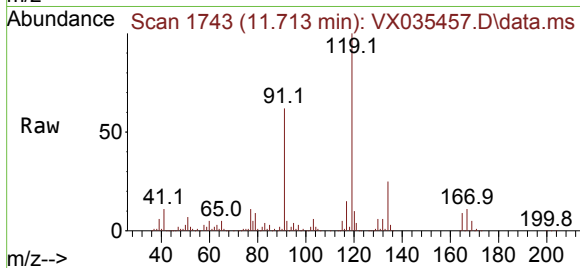




#83
tert-Butylbenzene
Concen: 47.833 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

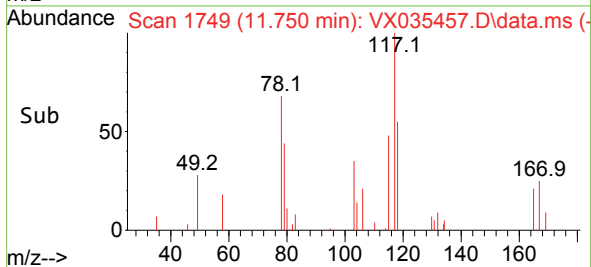
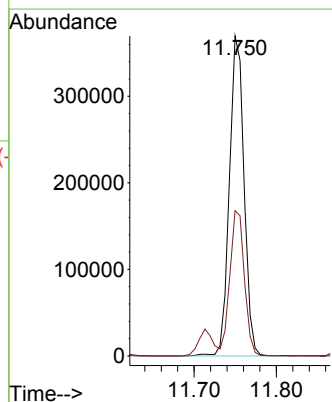
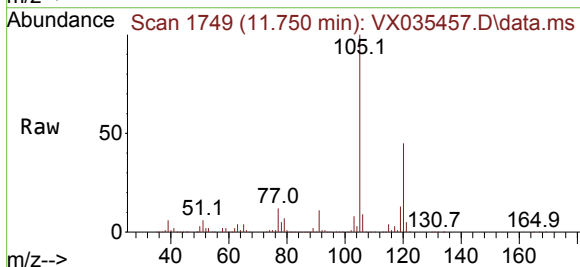
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

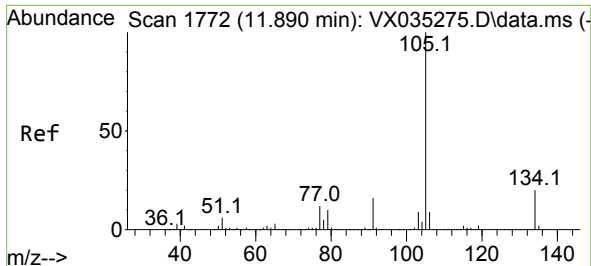
Tgt Ion:119 Resp: 440173
Ion Ratio Lower Upper
119 100
91 55.4 30.6 92.0
134 23.3 11.8 35.4



#84
1,2,4-Trimethylbenzene
Concen: 49.687 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.001 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

Tgt Ion:105 Resp: 457883
Ion Ratio Lower Upper
105 100
120 45.0 22.4 67.0

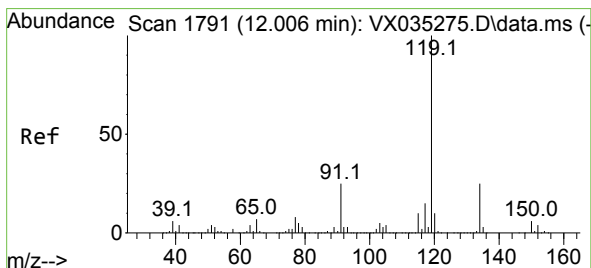
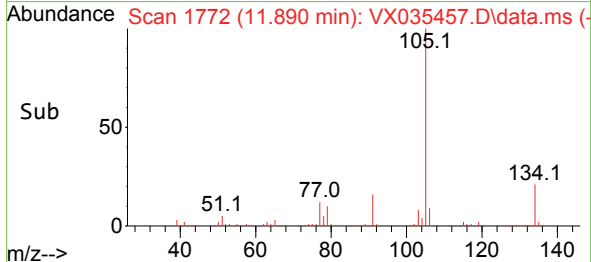
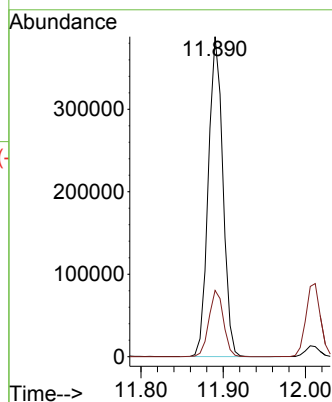
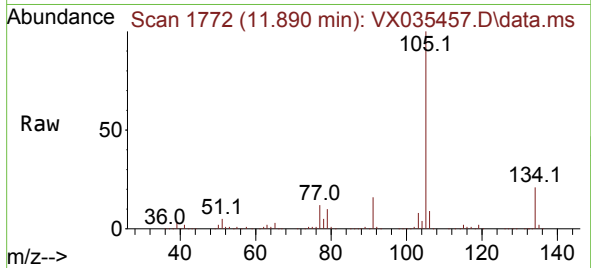




#85
sec-Butylbenzene
Concen: 42.194 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

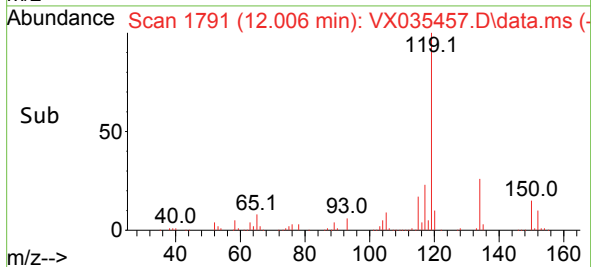
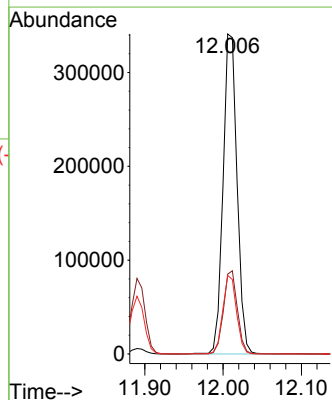
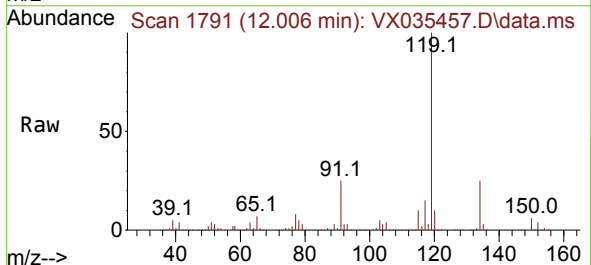
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

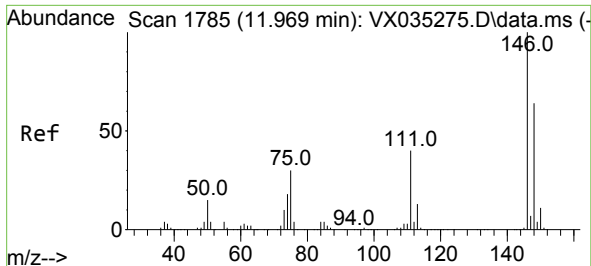
Tgt Ion:105 Resp: 476277
Ion Ratio Lower Upper
105 100
134 20.8 10.2 30.4



#86
p-Isopropyltoluene
Concen: 44.300 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

Tgt Ion:119 Resp: 425295
Ion Ratio Lower Upper
119 100
134 25.7 13.2 39.5
91 24.2 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 50.827 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

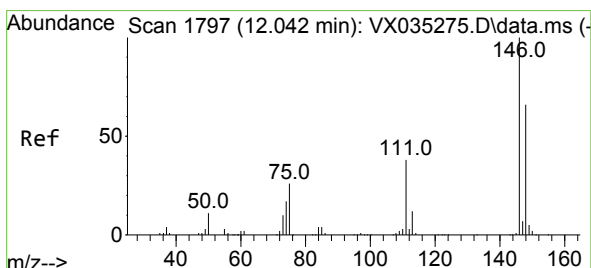
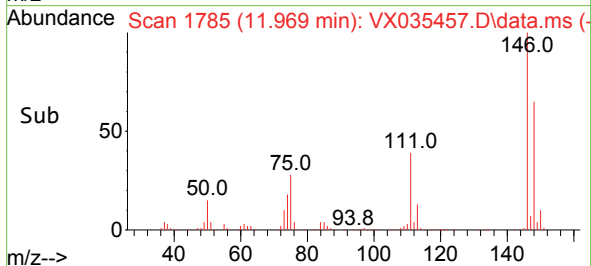
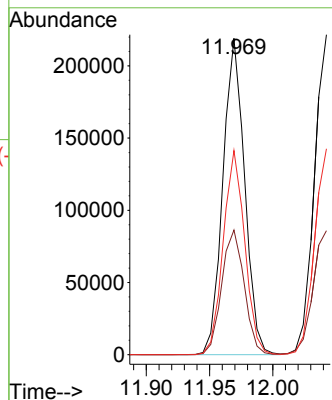
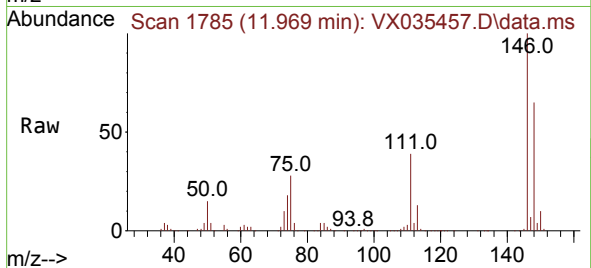
Tgt Ion:146 Resp: 261167

Ion Ratio Lower Upper

146 100

111 41.0 20.9 62.8

148 63.9 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 48.905 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

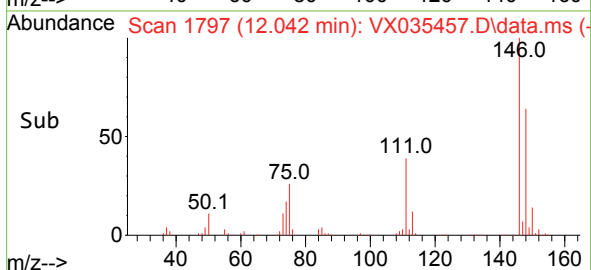
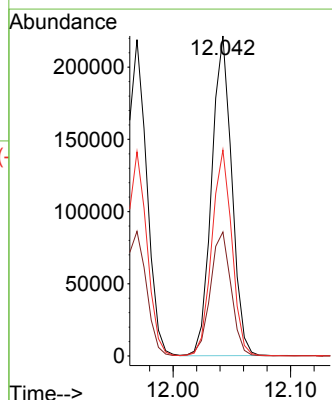
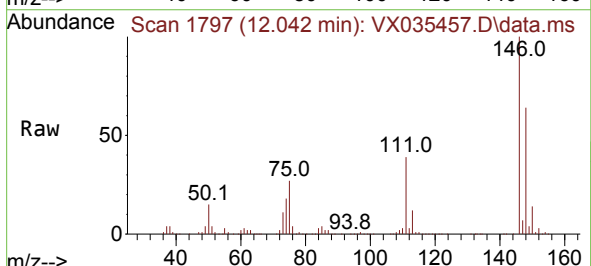
Tgt Ion:146 Resp: 263475

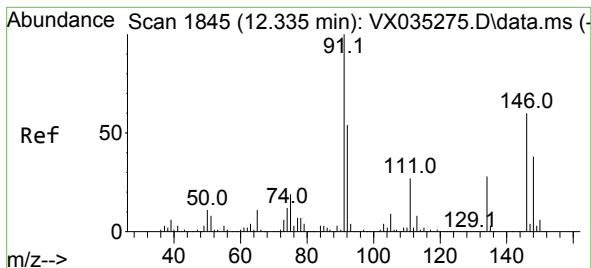
Ion Ratio Lower Upper

146 100

111 40.0 20.6 61.9

148 64.0 31.8 95.4





#89

n-Butylbenzene

Concen: 40.374 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

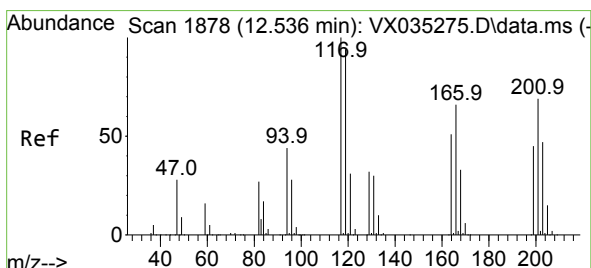
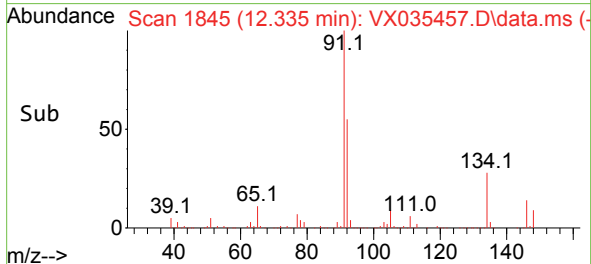
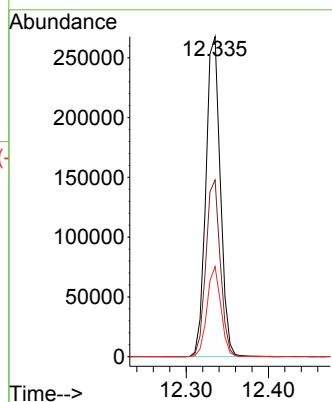
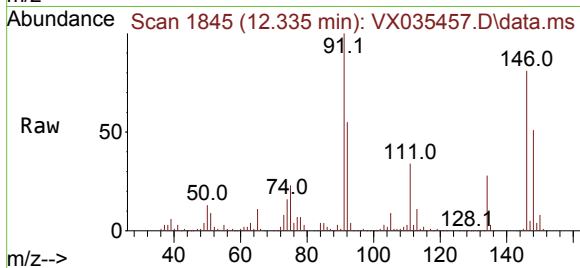
Tgt Ion: 91 Resp: 327198

Ion Ratio Lower Upper

91 100

92 55.0 27.7 83.0

134 27.0 13.0 38.9



#90

Hexachloroethane

Concen: 47.093 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035457.D

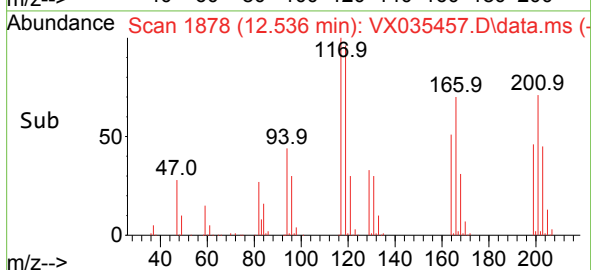
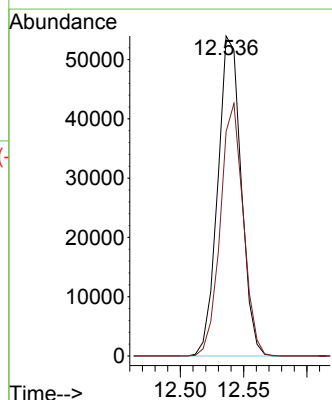
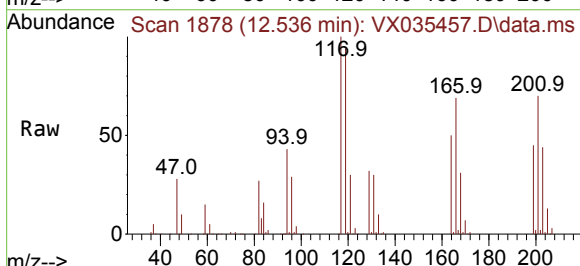
Acq: 01 May 2023 22:30

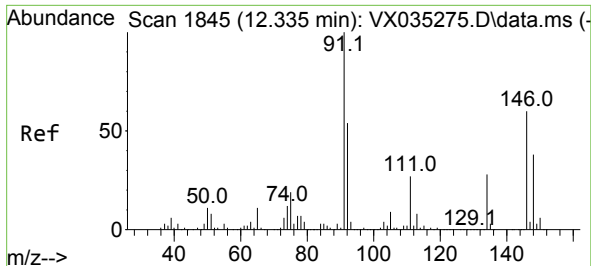
Tgt Ion: 117 Resp: 69208

Ion Ratio Lower Upper

117 100

201 77.4 34.4 103.1

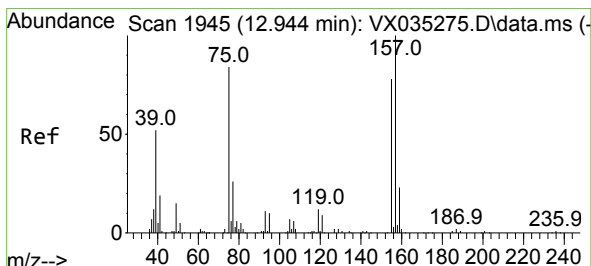
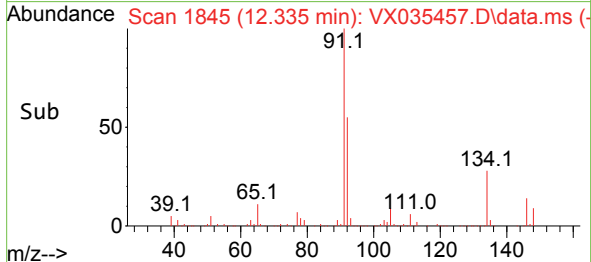
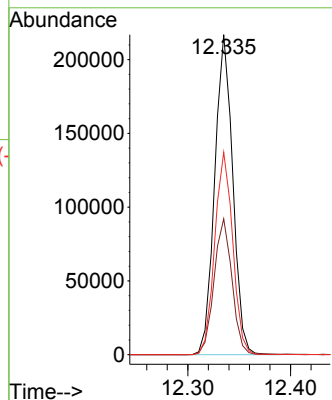
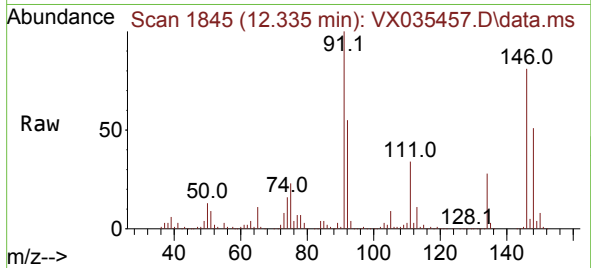




#91
1,2-Dichlorobenzene
Concen: 51.386 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

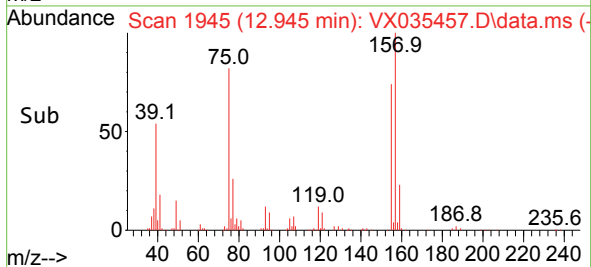
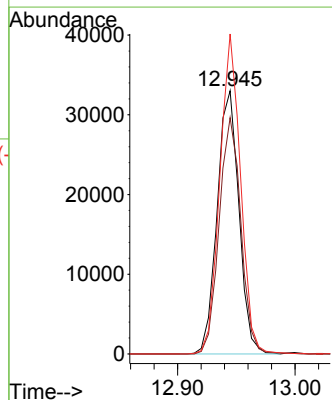
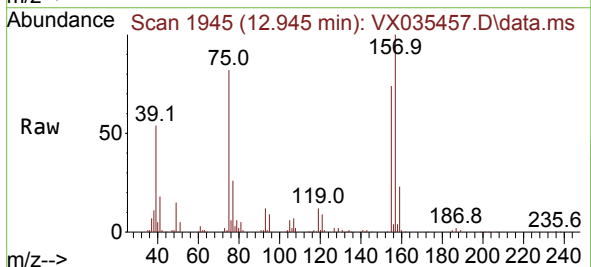
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

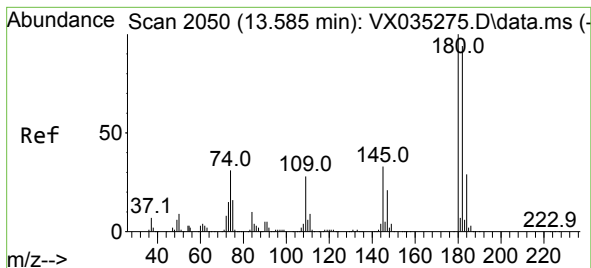
Tgt Ion:146 Resp: 264081
Ion Ratio Lower Upper
146 100
111 42.1 22.0 66.0
148 63.1 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 62.751 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX035457.D
Acq: 01 May 2023 22:30

Tgt Ion: 75 Resp: 42481
Ion Ratio Lower Upper
75 100
155 89.7 38.4 115.1
157 116.1 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 47.888 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

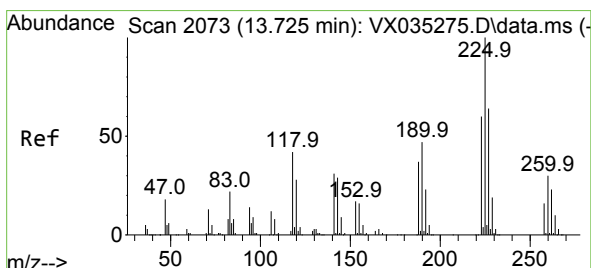
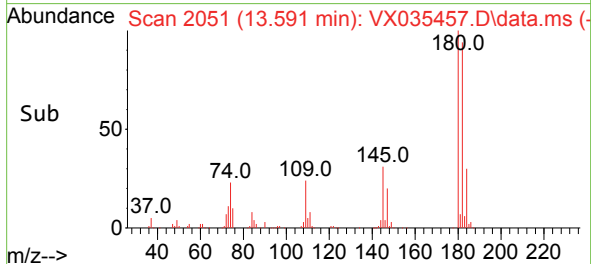
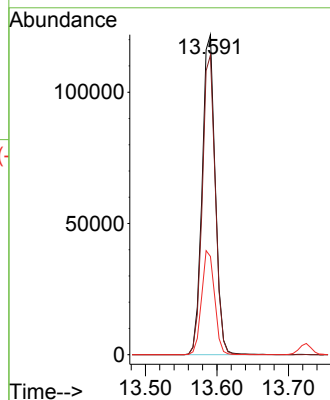
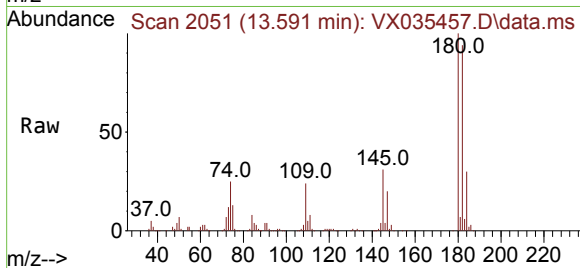
Tgt Ion:180 Resp: 154694

Ion Ratio Lower Upper

180 100

182 93.4 47.0 141.0

145 32.3 15.9 47.7



#94

Hexachlorobutadiene

Concen: 35.546 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

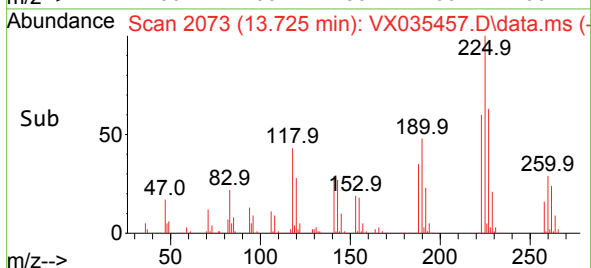
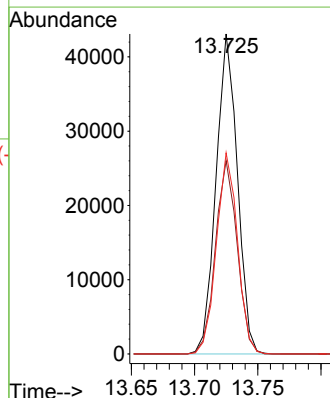
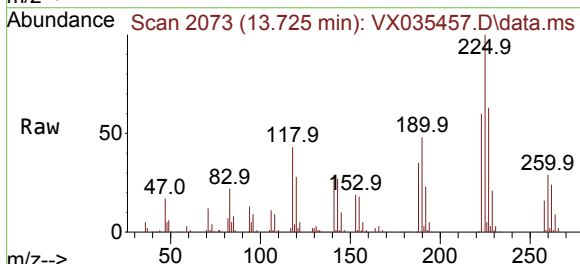
Tgt Ion:225 Resp: 50395

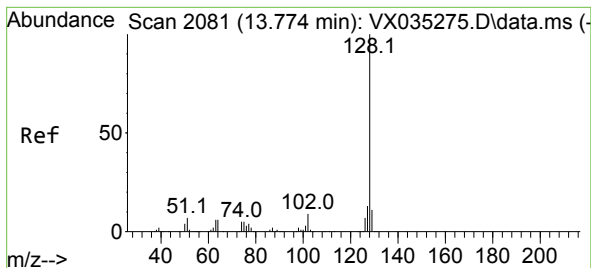
Ion Ratio Lower Upper

225 100

223 61.6 32.1 96.5

227 62.2 31.8 95.4





#95

Naphthalene

Concen: 57.760 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

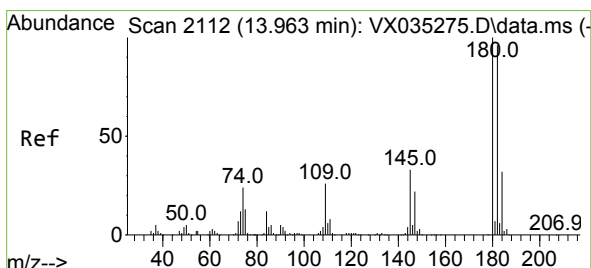
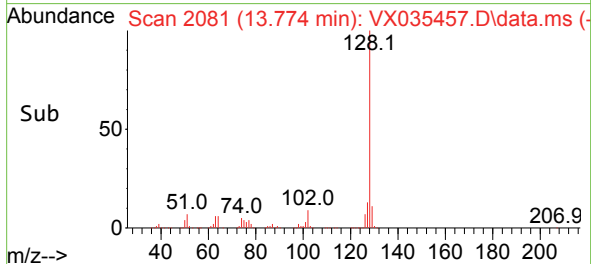
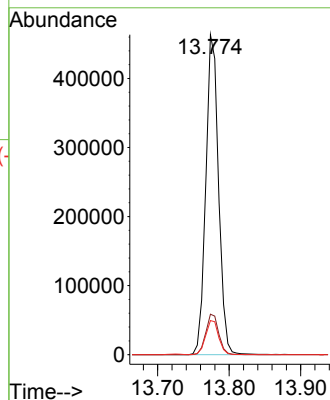
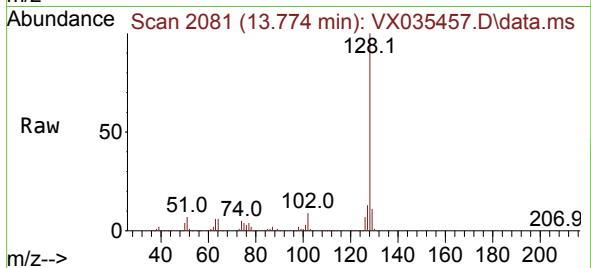
Tgt Ion:128 Resp: 574404

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 46.835 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035457.D

Acq: 01 May 2023 22:30

Tgt Ion:180 Resp: 152300

Ion Ratio Lower Upper

180 100

182 95.3 48.0 144.2

145 34.5 17.7 53.1

