

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035182.D
 Acq On : 19 Apr 2023 20:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 02:59:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 02:36:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	498864	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	434026	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	211031	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	141042	43.847	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.700%
7) Chloroethane-d5	1.672	69	103711	44.620	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.240%
11) 1,1-Dichloroethene-d2	2.306	65	71207	46.265	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.520%
21) 2-Butanone-d5	4.465	46	213052	99.391	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.390%
24) Chloroform-d	5.056	84	295092	48.714	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.420%
26) 1,2-Dichloroethane-d4	5.958	65	183774	47.242	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.480%
32) Benzene-d6	5.976	84	604767	48.506	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.020%
36) 1,2-Dichloropropane-d6	7.305	67	186281	48.912	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.820%
41) Toluene-d8	8.647	98	546554	47.965	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.940%
43) trans-1,3-Dichloroprop...	8.951	79	77020	46.276	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.560%
47) 2-Hexanone-d5	9.384	63	153604	100.435	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.430%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	237133	50.841	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.680%
66) 1,2-Dichlorobenzene-d4	12.323	152	195543	47.816	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	178192	47.660	ug/L	100
3) Chloromethane	1.294	50	166110	48.820	ug/L	99
5) Vinyl chloride	1.374	62	167379	47.403	ug/L	94
6) Bromomethane	1.617	94	77632	37.018	ug/L	100
8) Chloroethane	1.691	64	94440	47.957	ug/L	99
9) Trichlorofluoromethane	1.892	101	236143	49.387	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	153903	47.114	ug/L	99
12) 1,1-Dichloroethene	2.319	96	149904	50.297	ug/L	95
13) Acetone	2.392	43	147130	92.543	ug/L	99
14) Carbon disulfide	2.514	76	357062	48.490	ug/L	99
15) Methyl Acetate	2.703	43	173575	50.966	ug/L	100
16) Methylene chloride	2.788	84	165651	49.917	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	153186	49.914	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	536870	50.583	ug/L	99
19) 1,1-Dichloroethane	3.611	63	299339	50.598	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	180206	50.223	ug/L	98
22) 2-Butanone	4.568	43	236481	96.906	ug/L	98
23) Bromochloromethane	4.903	128	90387	50.860	ug/L	99
25) Chloroform	5.092	83	306473	51.094	ug/L	99

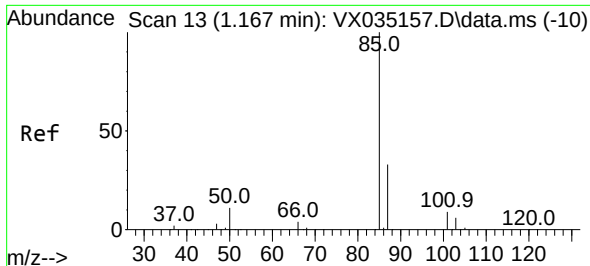
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035182.D
 Acq On : 19 Apr 2023 20:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 02:59:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 02:36:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	245816	51.167	ug/L	99
29) Cyclohexane	5.470	56	251997	48.052	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	254582	50.012	ug/L	99
31) Carbon tetrachloride	5.678	117	217463	50.380	ug/L	99
33) Benzene	6.037	78	674069	51.284	ug/L	100
34) Trichloroethene	7.123	95	174643	49.949	ug/L	97
35) Methylcyclohexane	7.379	83	216038	45.880	ug/L	100
37) 1,2-Dichloropropane	7.427	63	178360	51.541	ug/L	99
38) Bromodichloromethane	7.824	83	211953	51.838	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	262428	50.717	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	469635	102.950	ug/L	100
42) Toluene	8.720	91	703421	51.582	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	234216	50.236	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	172357	52.487	ug/L	99
46) Tetrachloroethene	9.275	164	130463	50.092	ug/L	99
48) 2-Hexanone	9.433	43	351456	101.474	ug/L	98
49) Dibromochloromethane	9.518	129	164101	52.584	ug/L	99
50) 1,2-Dibromoethane	9.610	107	178614	52.274	ug/L	97
51) Chlorobenzene	10.079	112	460879	51.299	ug/L	100
52) Ethylbenzene	10.195	91	772221	51.226	ug/L	99
53) m,p-Xylene	10.299	106	297969	51.618	ug/L	96
54) o-Xylene	10.640	106	295640	52.092	ug/L	98
55) Styrene	10.652	104	500422	52.043	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	255669	52.830	ug/L	100
59) Bromoform	10.799	173	109794	50.542	ug/L	99
60) Isopropylbenzene	10.963	105	727863	50.724	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	199969	51.324	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	593907	50.610	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	593054	50.825	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	333488	50.957	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	332916	49.713	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	335291	50.527	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	48562	50.512	ug/L	98
69) 1,3,5-Trichlorobenzene	13.109	180	196225	48.500	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	186376	49.196	ug/L	99
71) Naphthalene	13.774	128	703763	52.152	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	189918	50.781	ug/L	99

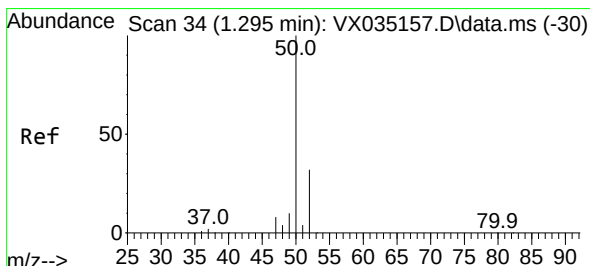
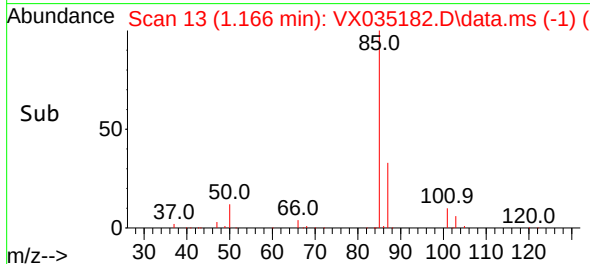
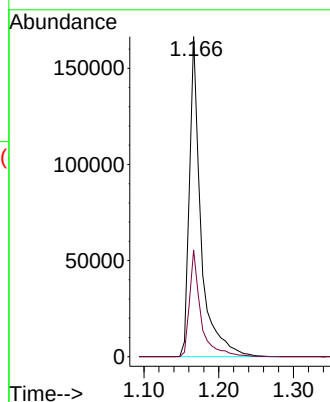
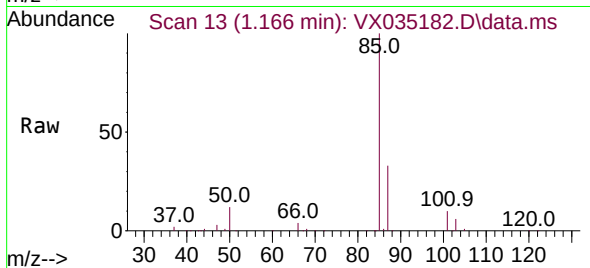
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 47.660 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX035182.D
 Acq: 19 Apr 2023 20:06

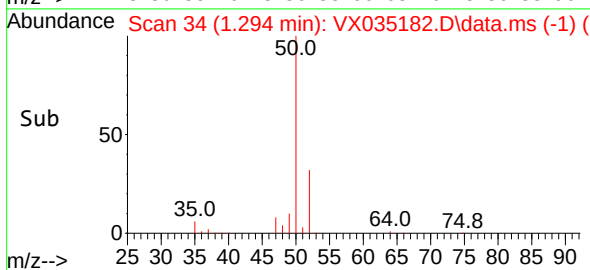
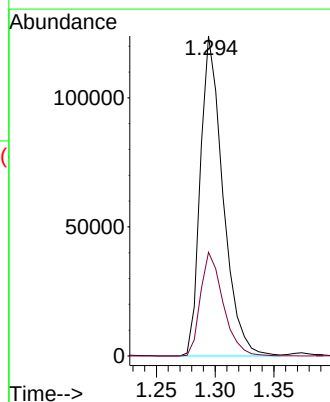
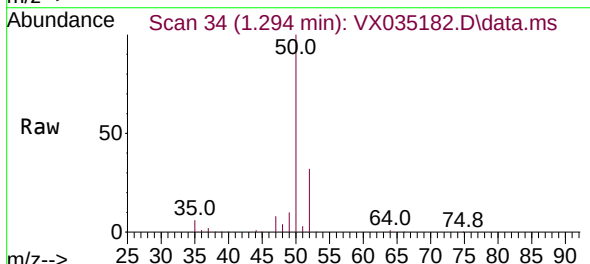
Instrument :
 MSVOA_X
 ClientSampleId :

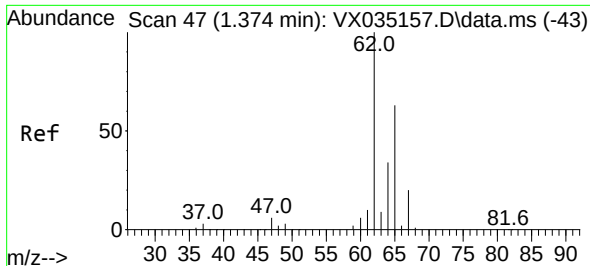
Tgt Ion: 85 Resp: 178192
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.2 39.4



#3
 Chloromethane
 Concen: 48.820 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX035182.D
 Acq: 19 Apr 2023 20:06

Tgt Ion: 50 Resp: 166110
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.0 42.6

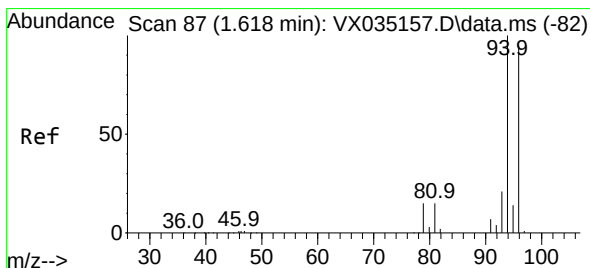
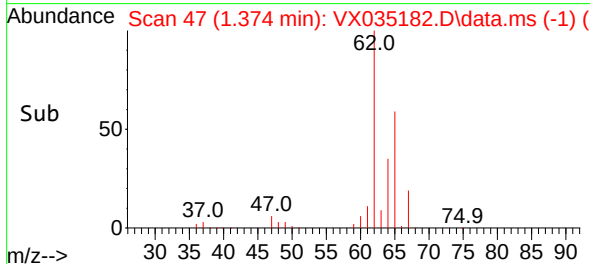
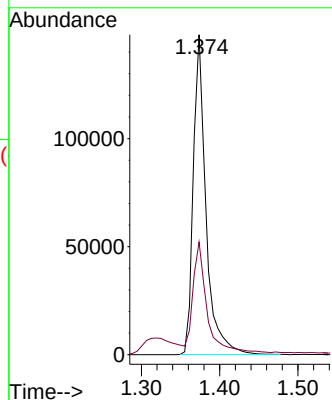
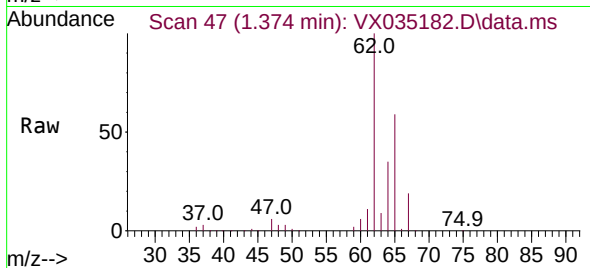




#5
 Vinyl chloride
 Concen: 47.403 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035182.D
 Acq: 19 Apr 2023 20:06

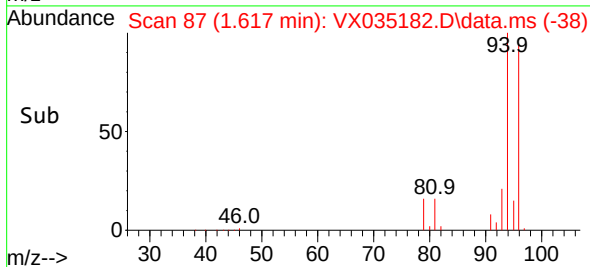
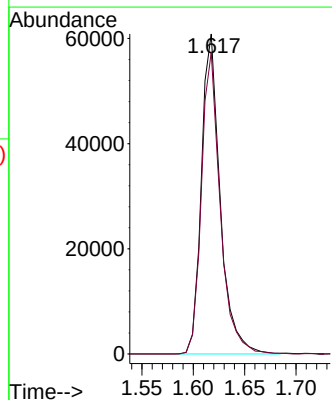
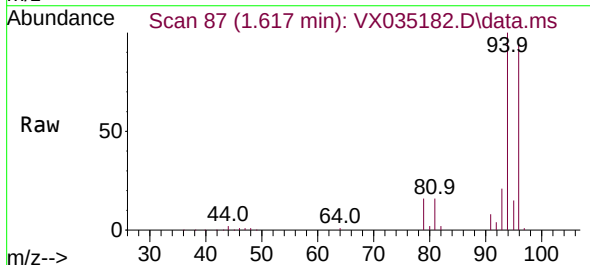
Instrument :
 MSVOA_X
 ClientSampleId :

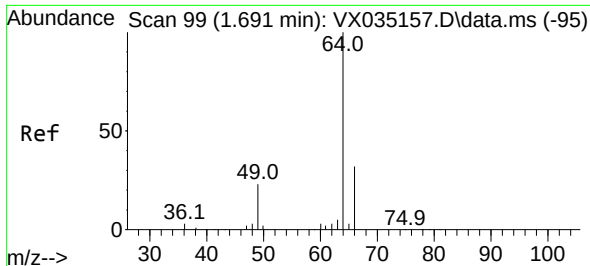
Tgt Ion: 62 Resp: 167379
 Ion Ratio Lower Upper
 62 100
 64 35.2 22.5 41.7



#6
 Bromomethane
 Concen: 37.018 ug/L
 RT: 1.617 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: VX035182.D
 Acq: 19 Apr 2023 20:06

Tgt Ion: 94 Resp: 77632
 Ion Ratio Lower Upper
 94 100
 96 94.3 65.7 121.9

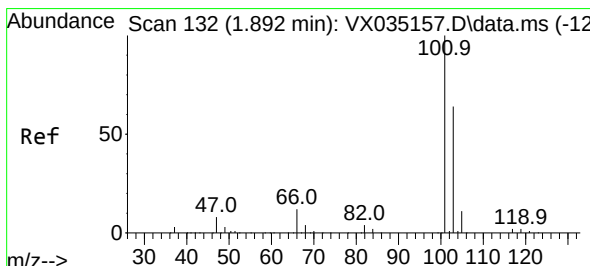
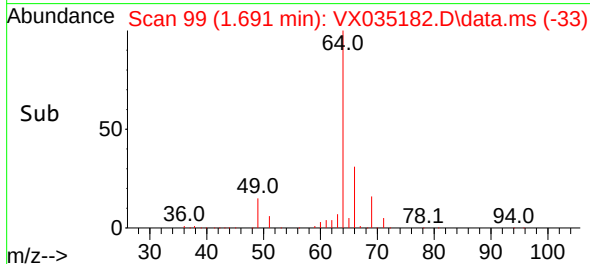
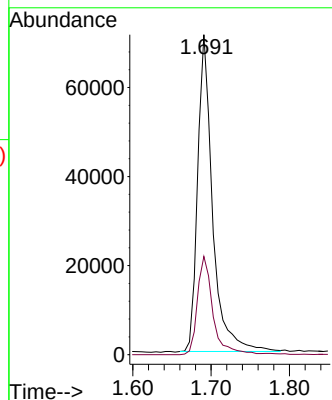
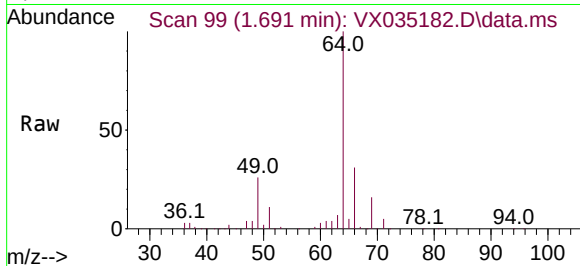




#8
Chloroethane
Concen: 47.957 ug/L
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035182.D
Acq: 19 Apr 2023 20:06

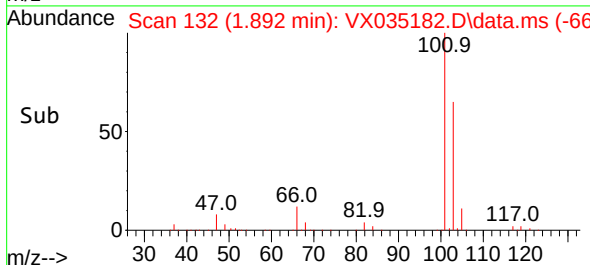
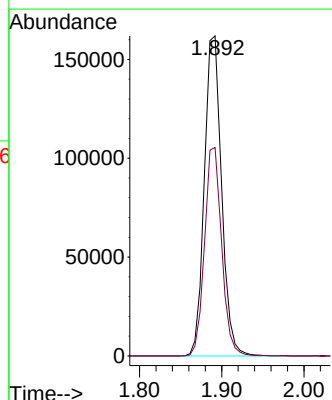
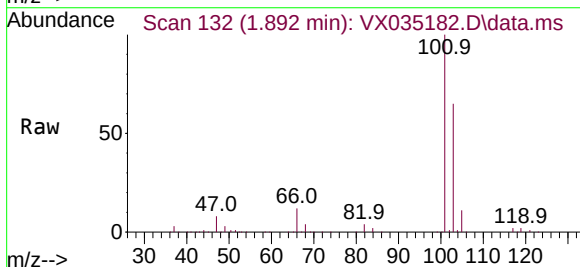
Instrument :
MSVOA_X
ClientSampleId :

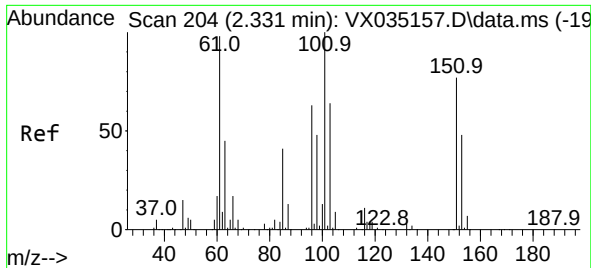
Tgt Ion: 64 Resp: 94440
Ion Ratio Lower Upper
64 100
66 30.7 21.9 40.7



#9
Trichlorofluoromethane
Concen: 49.387 ug/L
RT: 1.892 min Scan# 132
Delta R.T. -0.000 min
Lab File: VX035182.D
Acq: 19 Apr 2023 20:06

Tgt Ion: 101 Resp: 236143
Ion Ratio Lower Upper
101 100
103 64.4 51.7 77.5

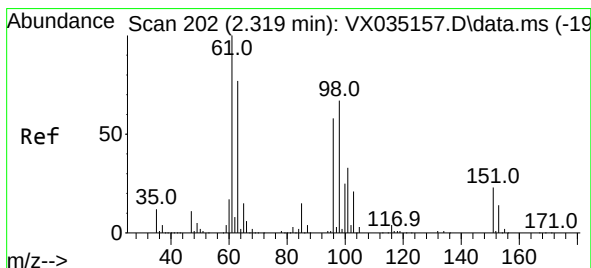
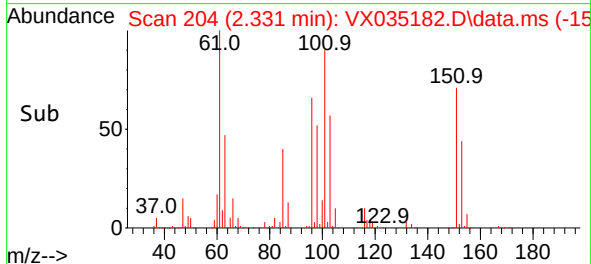
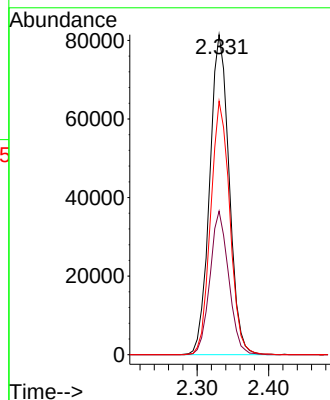
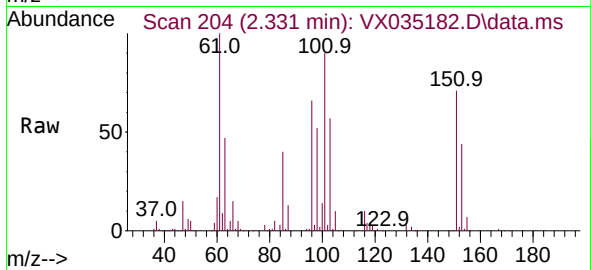




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.114 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX035182.D
 Acq: 19 Apr 2023 20:06

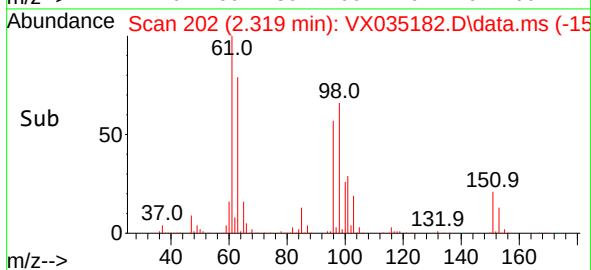
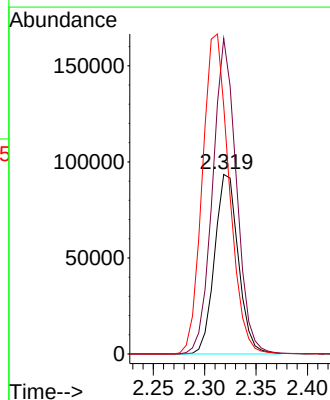
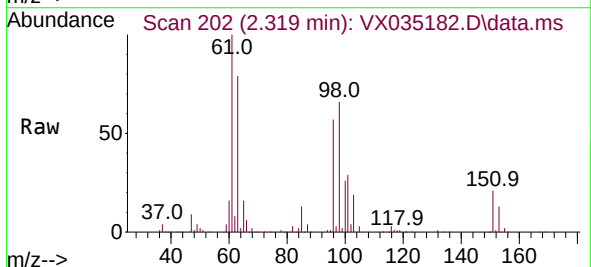
Instrument :
 MSVOA_X
 ClientSampleId :

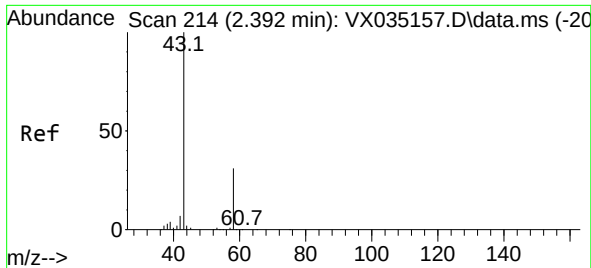
Tgt Ion:101 Resp: 153903
 Ion Ratio Lower Upper
 101 100
 85 43.2 34.2 51.2
 151 77.9 61.1 91.7



#12
 1,1-Dichloroethene
 Concen: 50.297 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX035182.D
 Acq: 19 Apr 2023 20:06

Tgt Ion: 96 Resp: 149904
 Ion Ratio Lower Upper
 96 100
 61 175.7 119.0 221.0
 63 138.2 91.0 169.0





#13

Acetone

Concen: 92.543 ug/L

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX035182.D

Acq: 19 Apr 2023 20:06

Instrument :

MSVOA_X

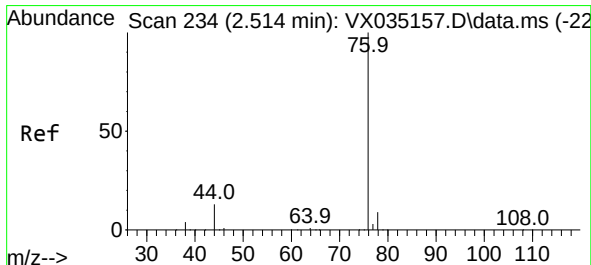
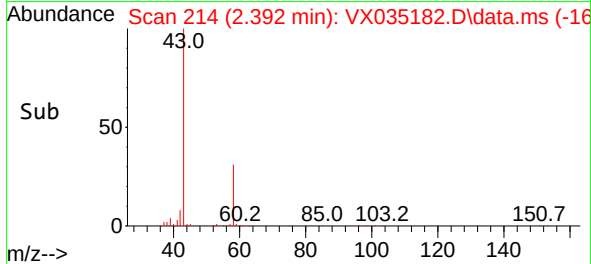
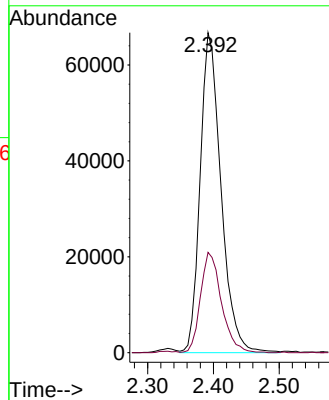
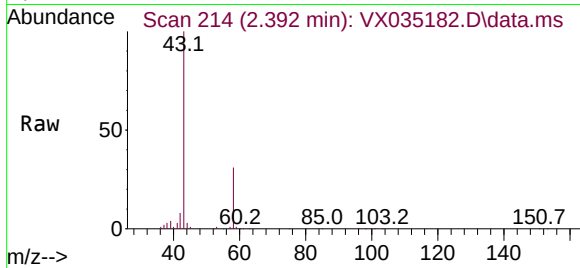
ClientSampleId :

Tgt Ion: 43 Resp: 147130

Ion Ratio Lower Upper

43 100

58 31.4 0.0 62.0



#14

Carbon disulfide

Concen: 48.490 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX035182.D

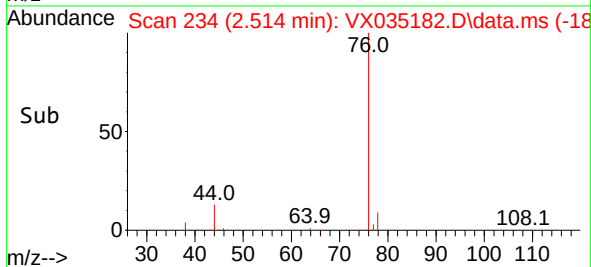
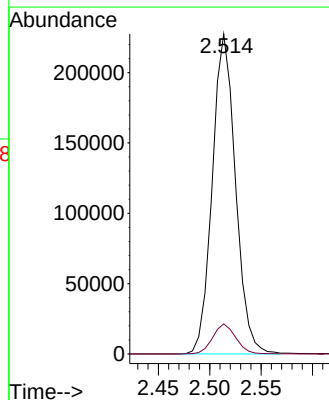
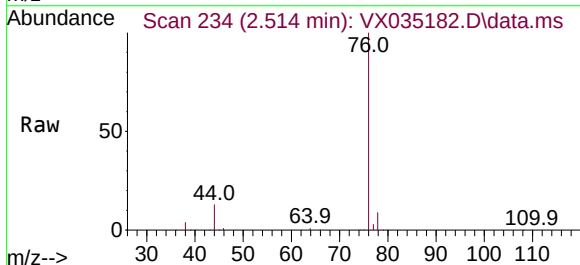
Acq: 19 Apr 2023 20:06

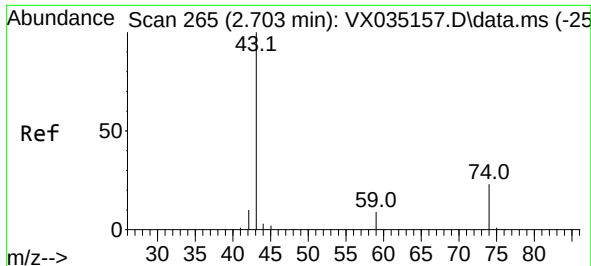
Tgt Ion: 76 Resp: 357062

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9

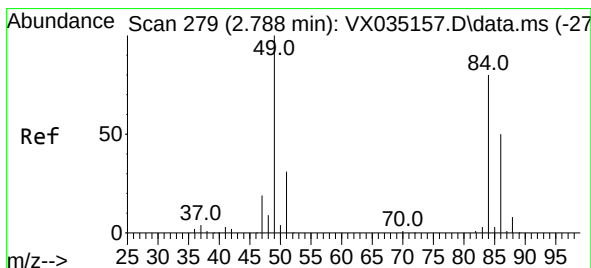
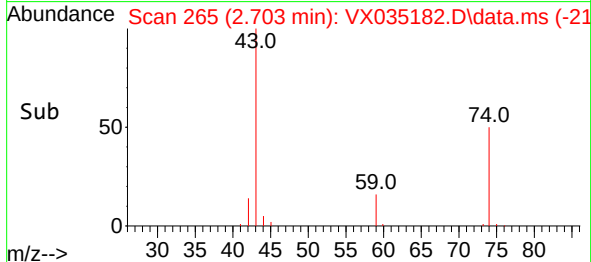
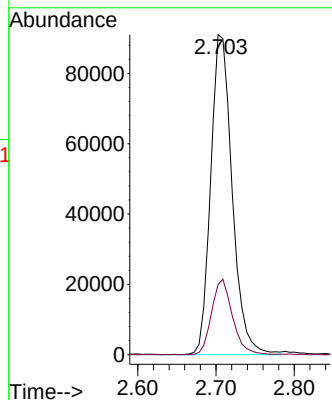
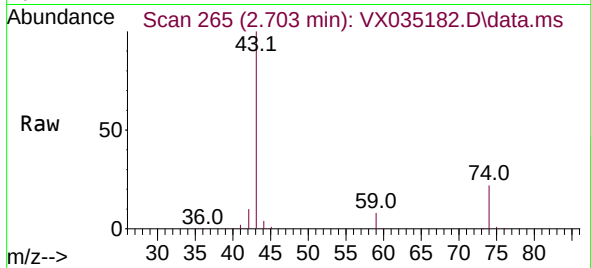




#15
Methyl Acetate
Concen: 50.966 ug/L
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX035182.D
Acq: 19 Apr 2023 20:06

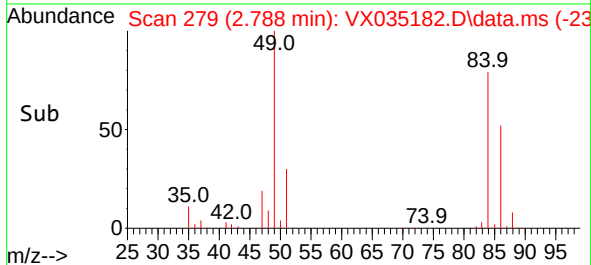
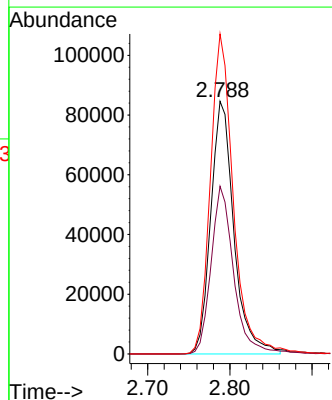
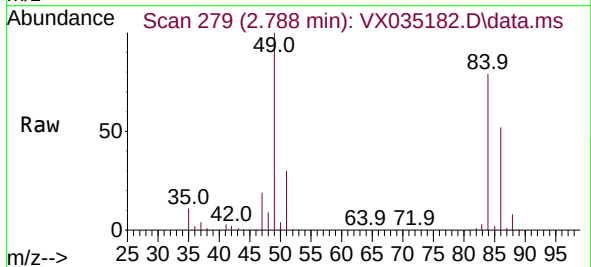
Instrument :
MSVOA_X
ClientSampleId :

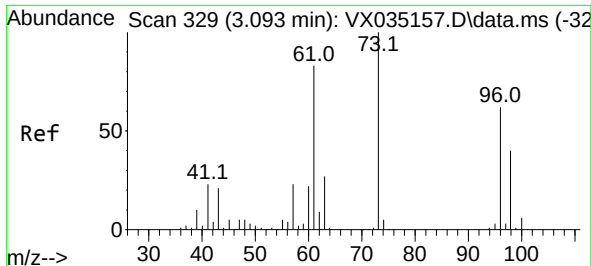
Tgt Ion: 43 Resp: 173575
Ion Ratio Lower Upper
43 100
74 22.8 18.2 27.4



#16
Methylene chloride
Concen: 49.917 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035182.D
Acq: 19 Apr 2023 20:06

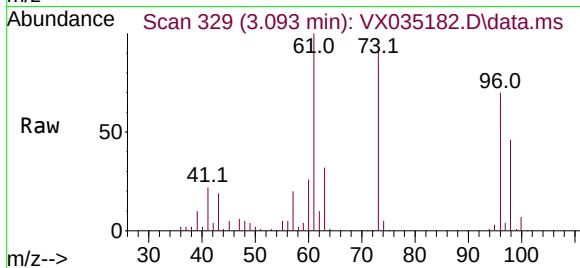
Tgt Ion: 84 Resp: 165651
Ion Ratio Lower Upper
84 100
86 66.4 45.8 85.0
49 126.7 88.7 164.7





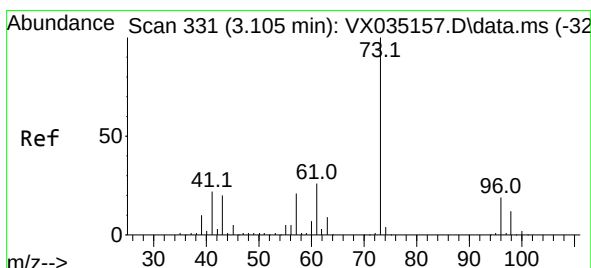
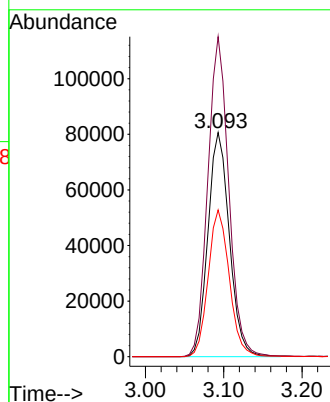
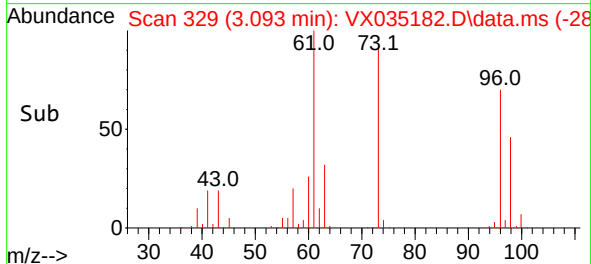
#17
trans-1,2-Dichloroethene
Concen: 49.914 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035182.D
Acq: 19 Apr 2023 20:06

Instrument :
MSVOA_X
ClientSampleId :

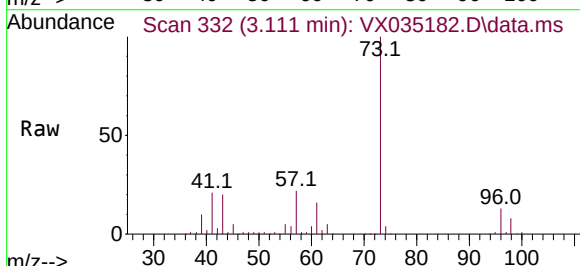


Tgt Ion: 96 Resp: 153186

Ion	Ratio	Lower	Upper
96	100		
61	142.8	98.8	183.4
98	65.5	44.4	82.4

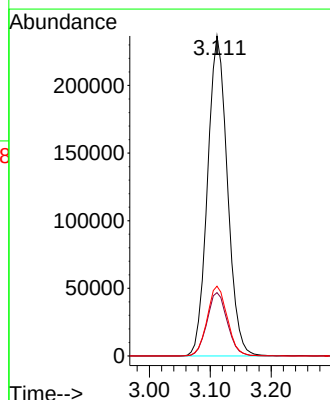
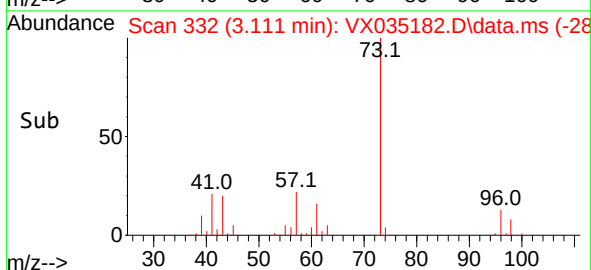


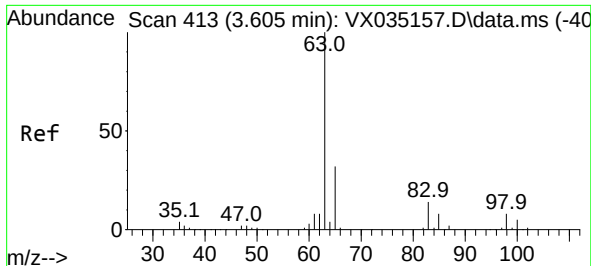
#18
Methyl tert-butyl Ether
Concen: 50.583 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX035182.D
Acq: 19 Apr 2023 20:06



Tgt Ion: 73 Resp: 536870

Ion	Ratio	Lower	Upper
73	100		
43	20.2	16.6	25.0
57	22.0	17.5	26.3





#19

1,1-Dichloroethane

Concen: 50.598 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX035182.D

Acq: 19 Apr 2023 20:06

Instrument :

MSVOA_X

ClientSampleId :

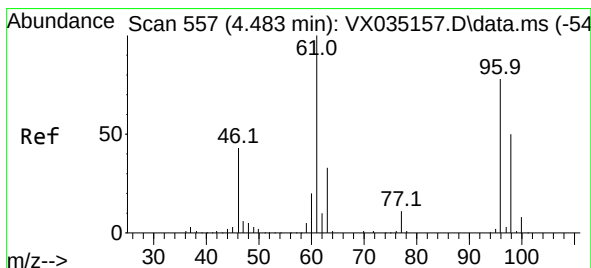
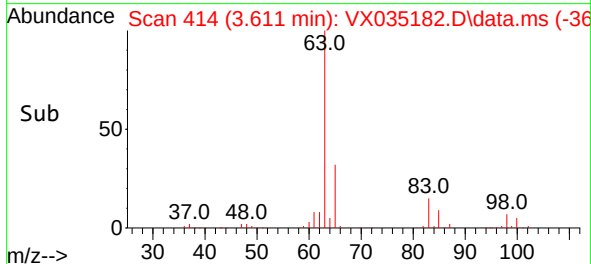
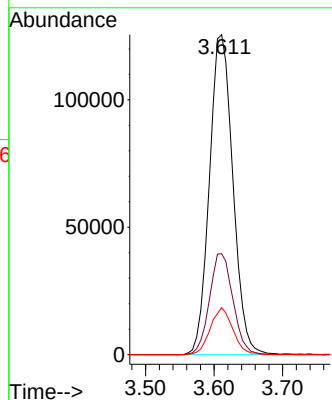
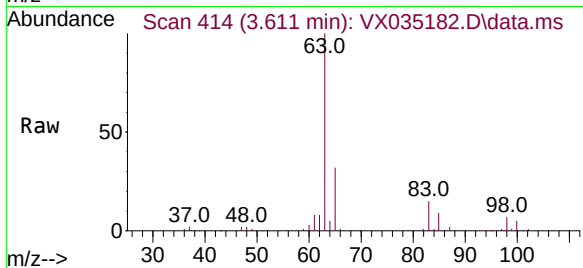
Tgt Ion: 63 Resp: 299339

Ion Ratio Lower Upper

63 100

65 31.5 22.8 42.4

83 14.7 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 50.223 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX035182.D

Acq: 19 Apr 2023 20:06

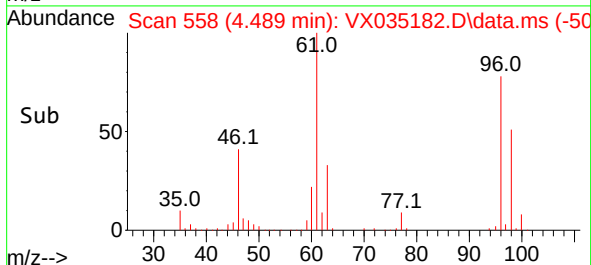
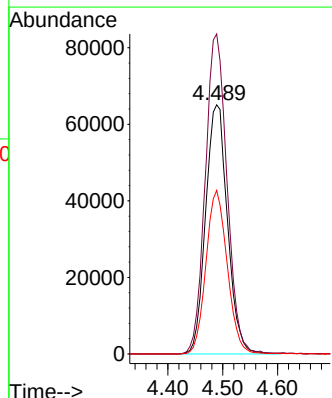
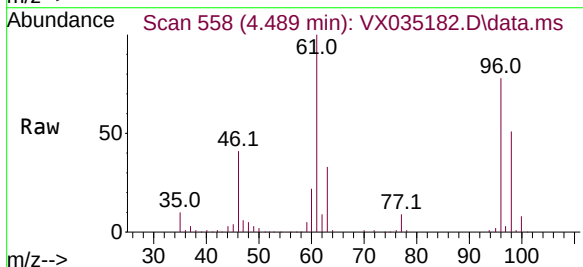
Tgt Ion: 96 Resp: 180206

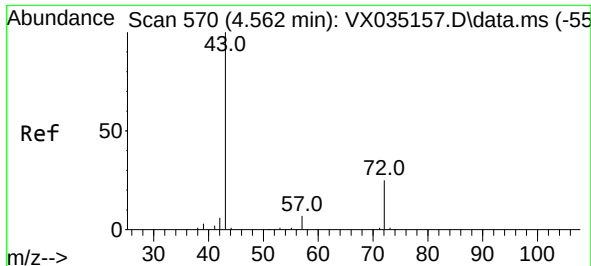
Ion Ratio Lower Upper

96 100

61 128.5 87.8 163.2

98 65.7 46.3 86.1

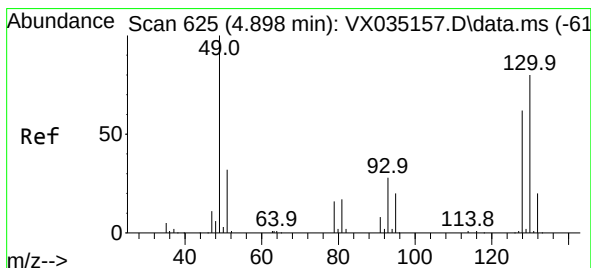
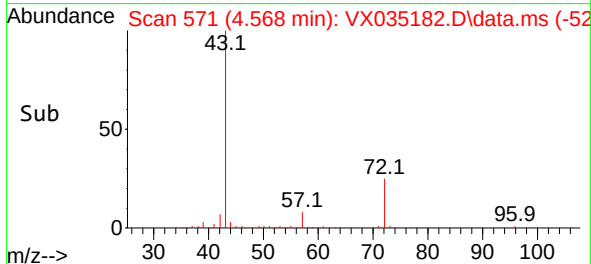
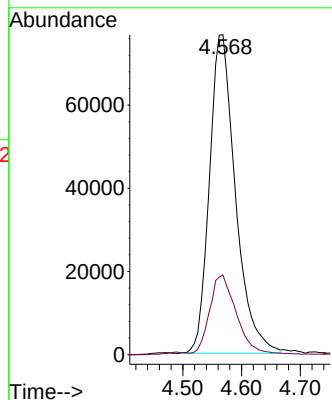
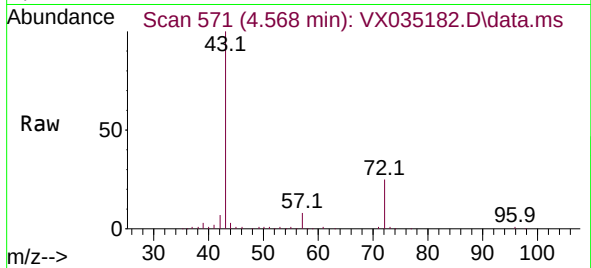




#22
2-Butanone
Concen: 96.906 ug/L
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX035182.D
Acq: 19 Apr 2023 20:06

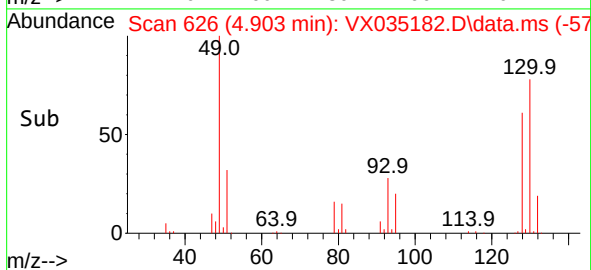
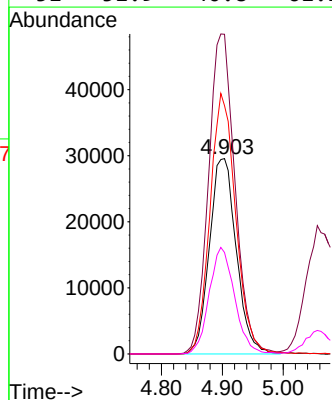
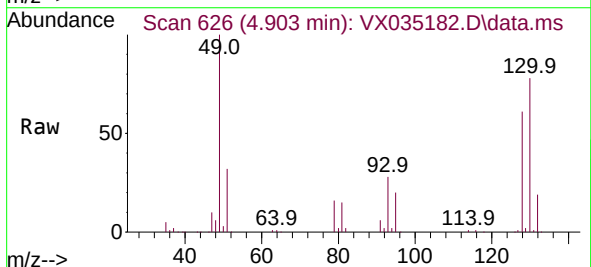
Instrument :
MSVOA_X
ClientSampleId :

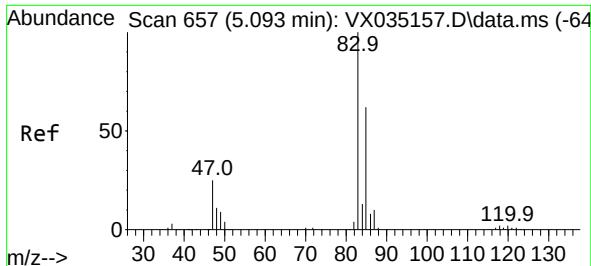
Tgt Ion: 43 Resp: 236481
Ion Ratio Lower Upper
43 100
72 25.9 12.4 37.2



#23
Bromochloromethane
Concen: 50.860 ug/L
RT: 4.903 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX035182.D
Acq: 19 Apr 2023 20:06

Tgt Ion: 128 Resp: 90387
Ion Ratio Lower Upper
128 100
49 163.7 115.9 215.3
130 127.1 88.9 165.1
51 51.9 40.8 61.2





#25

Chloroform

Concen: 51.094 ug/L

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX035182.D

Acq: 19 Apr 2023 20:06

Instrument :

MSVOA_X

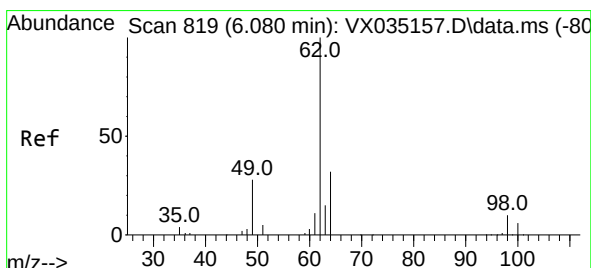
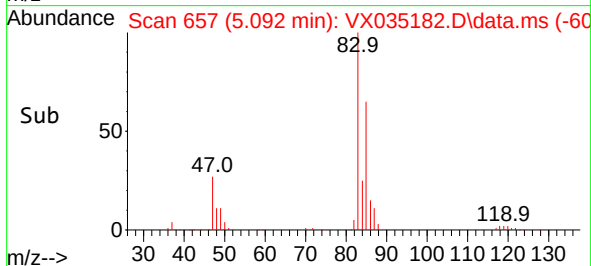
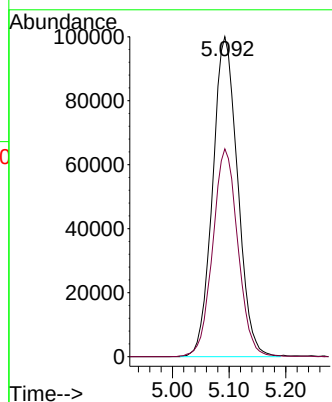
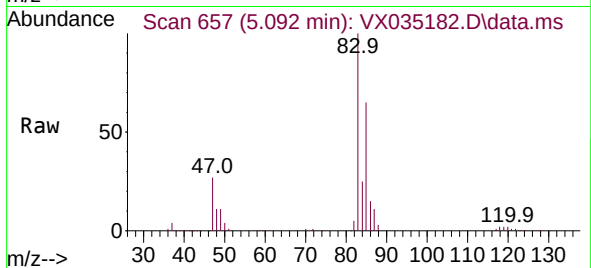
ClientSampleId :

Tgt Ion: 83 Resp: 306473

Ion Ratio Lower Upper

83 100

85 65.0 46.0 85.4



#27

1,2-Dichloroethane

Concen: 51.167 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.006 min

Lab File: VX035182.D

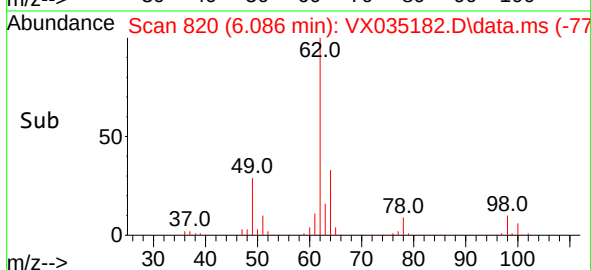
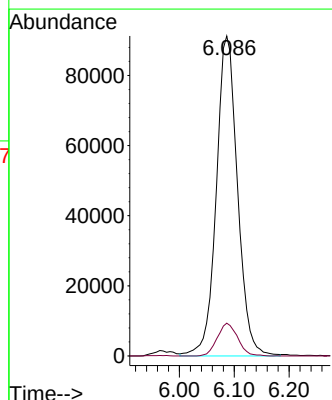
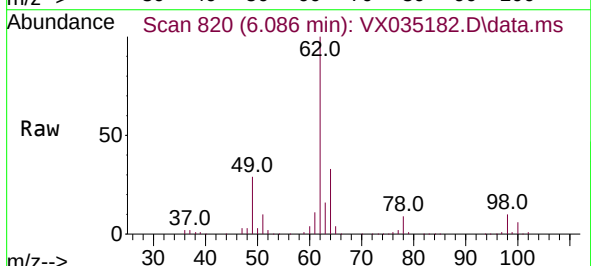
Acq: 19 Apr 2023 20:06

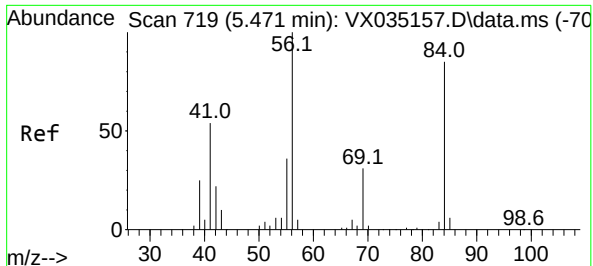
Tgt Ion: 62 Resp: 245816

Ion Ratio Lower Upper

62 100

98 10.2 7.8 11.8





#29

Cyclohexane

Concen: 48.052 ug/L

RT: 5.470 min Scan# 719

Delta R.T. -0.000 min

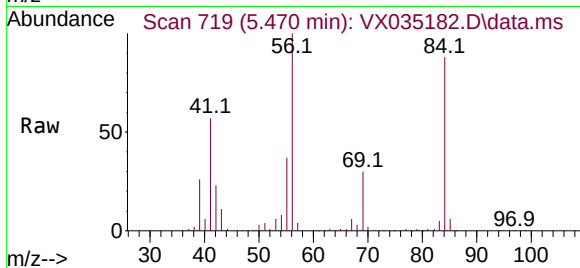
Lab File: VX035182.D

Acq: 19 Apr 2023 20:06

Instrument :

MSVOA_X

ClientSampleId :



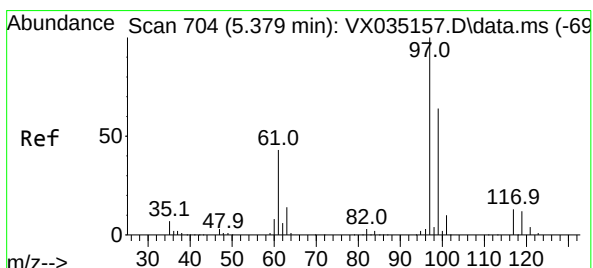
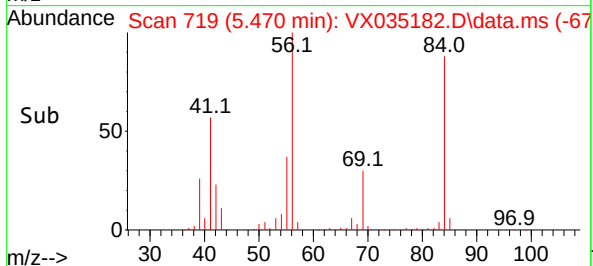
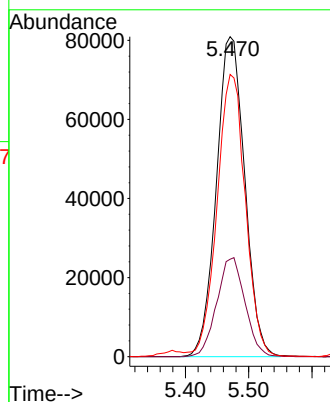
Tgt Ion: 56 Resp: 251997

Ion Ratio Lower Upper

56 100

69 30.7 25.1 37.7

84 87.6 70.1 105.1



#30

1,1,1-Trichloroethane

Concen: 50.012 ug/L

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX035182.D

Acq: 19 Apr 2023 20:06

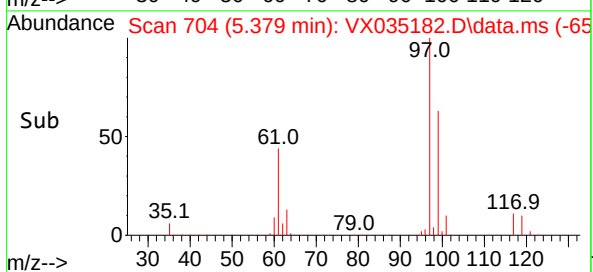
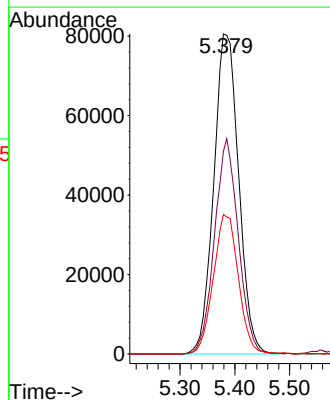
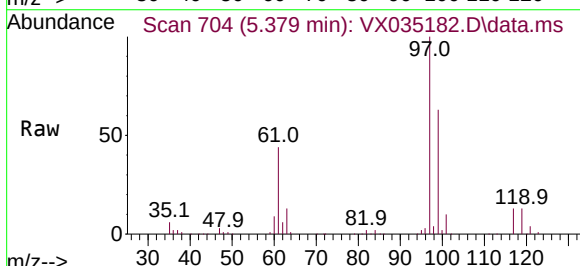
Tgt Ion: 97 Resp: 254582

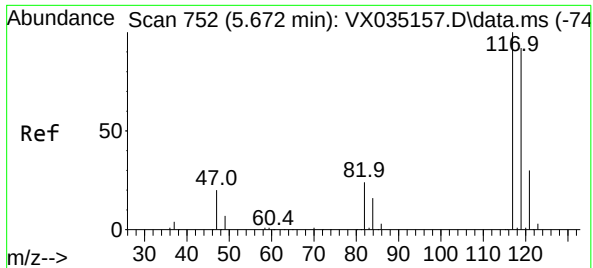
Ion Ratio Lower Upper

97 100

99 64.1 50.6 75.8

61 43.7 34.9 52.3

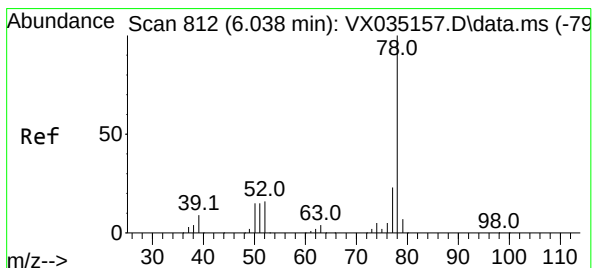
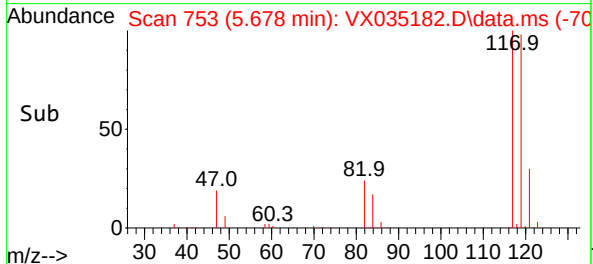
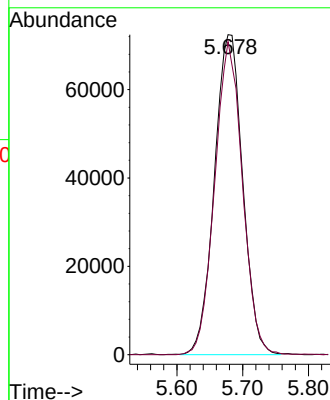
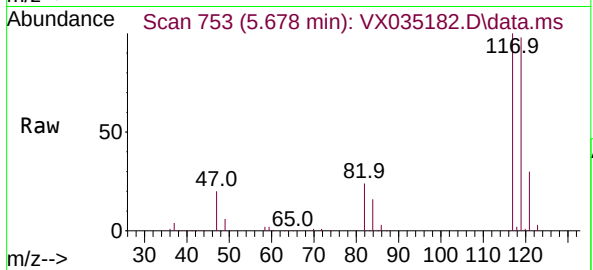




#31
Carbon tetrachloride
Concen: 50.380 ug/L
RT: 5.678 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX035182.D
Acq: 19 Apr 2023 20:06

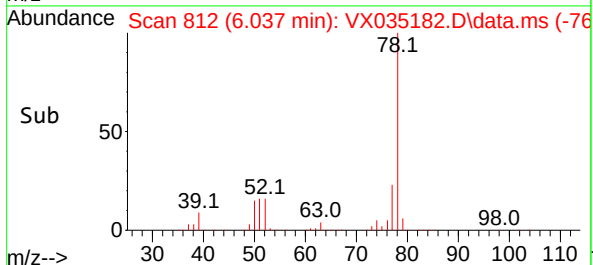
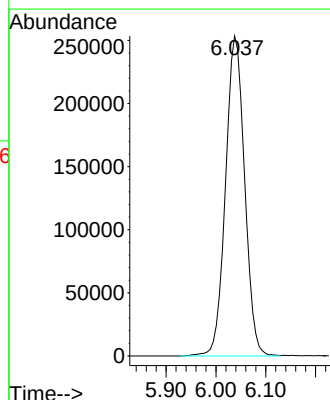
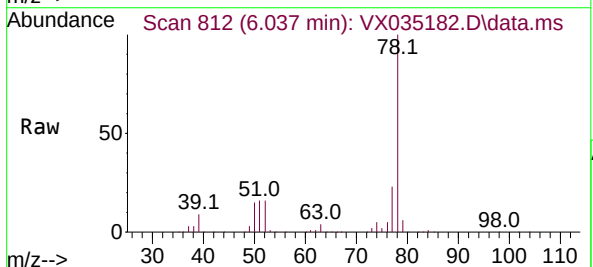
Instrument :
MSVOA_X
ClientSampleId :

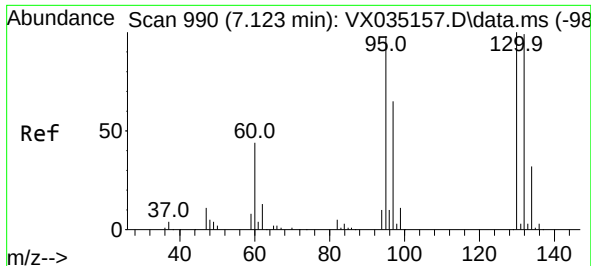
Tgt Ion:117 Resp: 217463
Ion Ratio Lower Upper
117 100
119 95.5 77.1 115.7



#33
Benzene
Concen: 51.284 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX035182.D
Acq: 19 Apr 2023 20:06

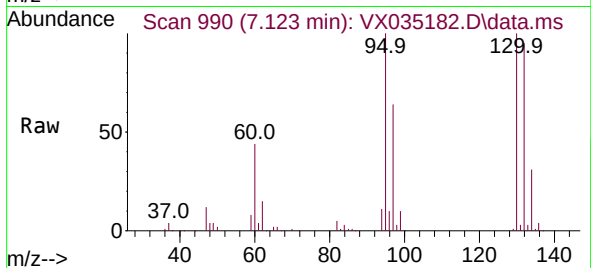
Tgt Ion: 78 Resp: 674069



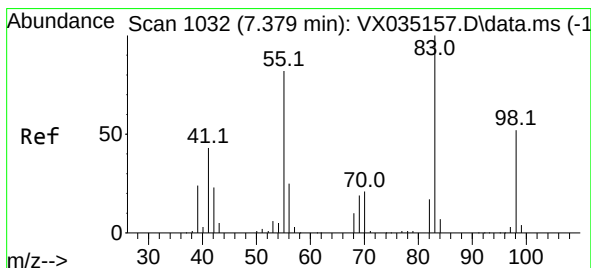
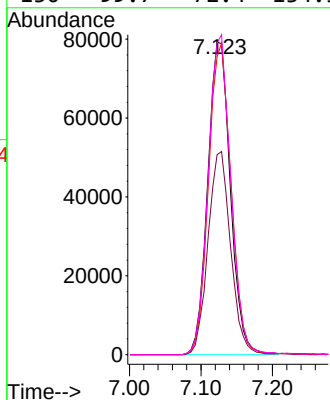
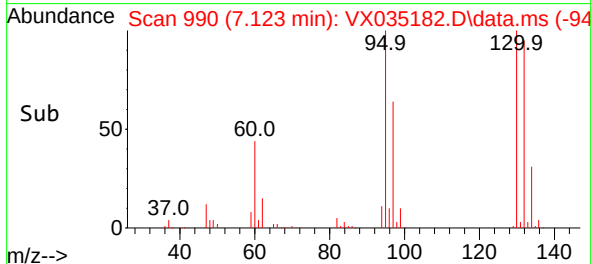


#34
Trichloroethene
Concen: 49.949 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035182.D
Acq: 19 Apr 2023 20:06

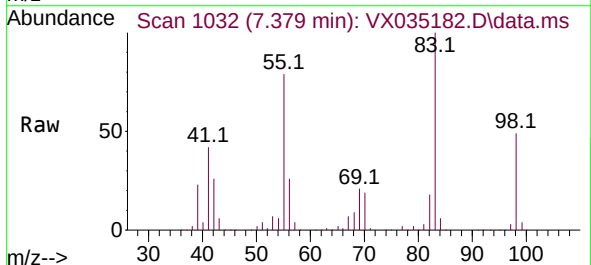
Instrument :
MSVOA_X
ClientSampleId :



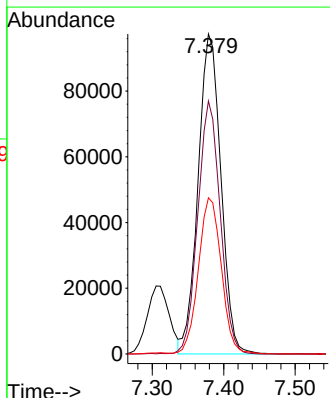
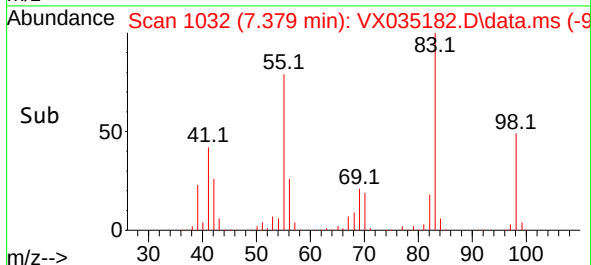
Tgt Ion: 95 Resp: 174643
Ion Ratio Lower Upper
95 100
97 64.0 45.6 84.8
132 95.3 69.7 129.4
130 99.7 72.4 134.5

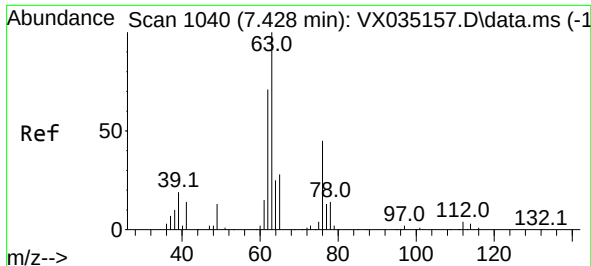


#35
Methylcyclohexane
Concen: 45.880 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX035182.D
Acq: 19 Apr 2023 20:06



Tgt Ion: 83 Resp: 216038
Ion Ratio Lower Upper
83 100
55 77.4 62.2 93.2
98 49.0 39.3 58.9





#37

1,2-Dichloropropane

Concen: 51.541 ug/L

RT: 7.427 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX035182.D

Acq: 19 Apr 2023 20:06

Instrument :

MSVOA_X

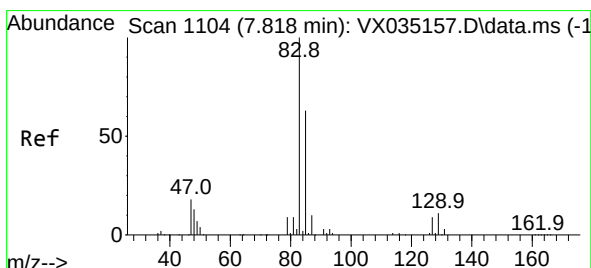
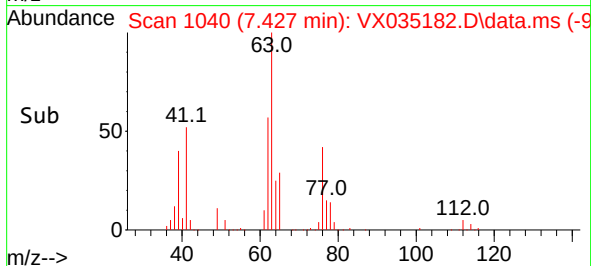
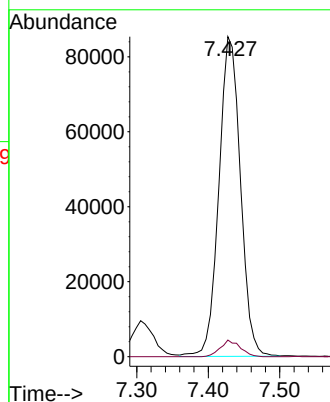
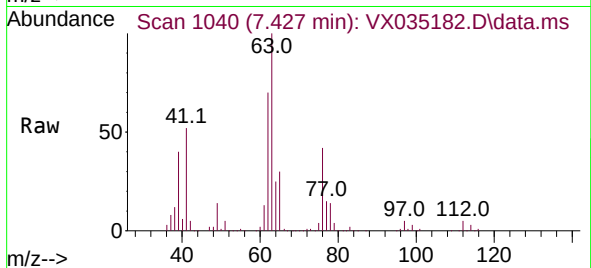
ClientSampleId :

Tgt Ion: 63 Resp: 178360

Ion Ratio Lower Upper

63 100

112 4.8 3.7 5.5



#38

Bromodichloromethane

Concen: 51.838 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX035182.D

Acq: 19 Apr 2023 20:06

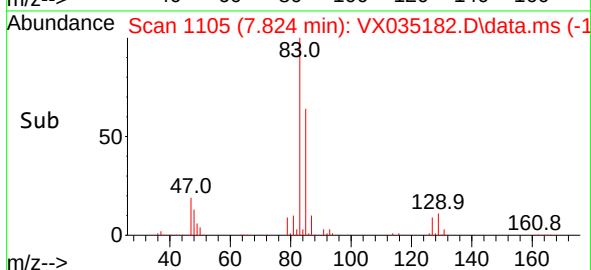
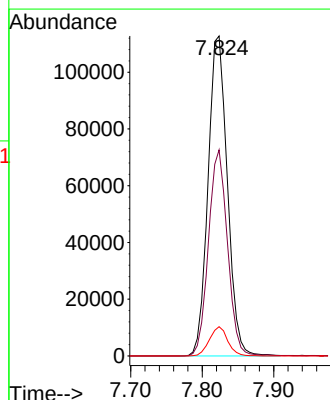
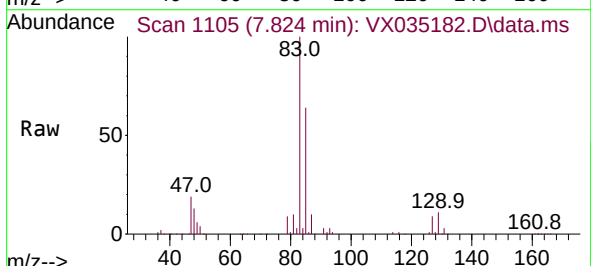
Tgt Ion: 83 Resp: 211953

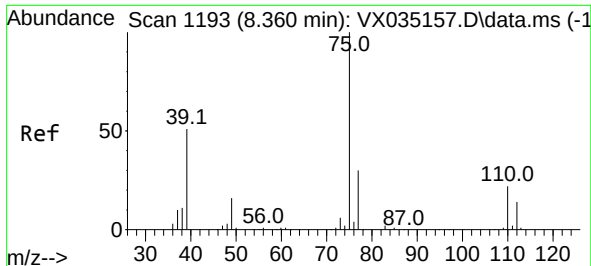
Ion Ratio Lower Upper

83 100

85 64.4 44.7 82.9

127 9.1 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 50.717 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX035182.D

Acq: 19 Apr 2023 20:06

Instrument :

MSVOA_X

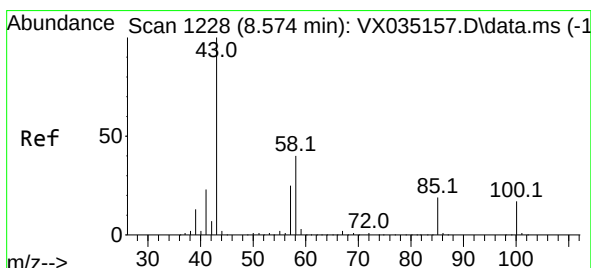
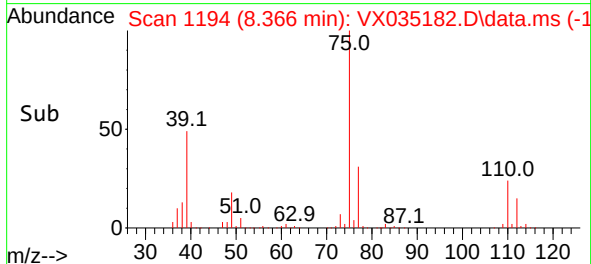
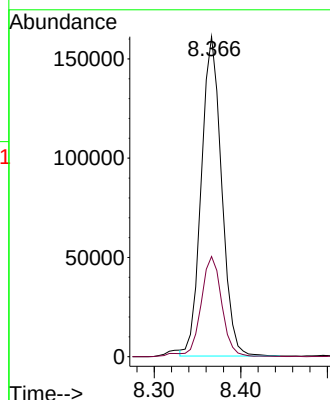
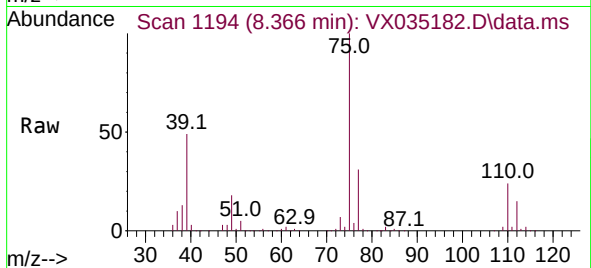
ClientSampleId :

Tgt Ion: 75 Resp: 262428

Ion Ratio Lower Upper

75 100

77 31.3 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 102.950 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX035182.D

Acq: 19 Apr 2023 20:06

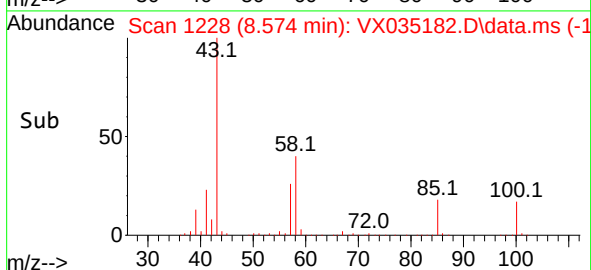
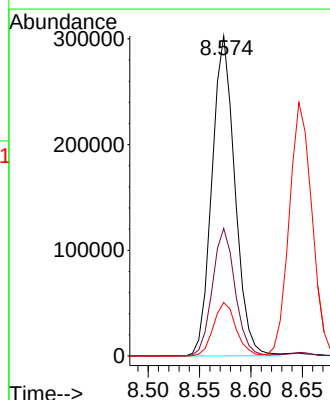
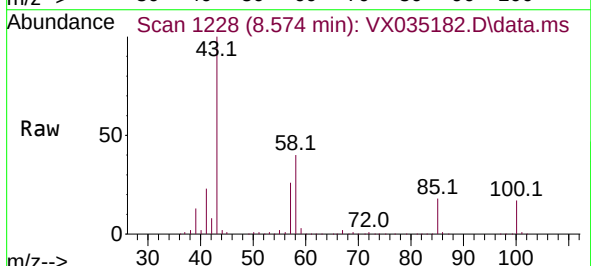
Tgt Ion: 43 Resp: 469635

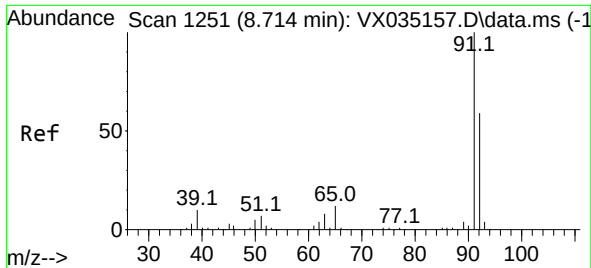
Ion Ratio Lower Upper

43 100

58 39.4 31.5 47.3

100 16.5 12.8 19.2





#42

Toluene

Concen: 51.582 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX035182.D

Acq: 19 Apr 2023 20:06

Instrument :

MSVOA_X

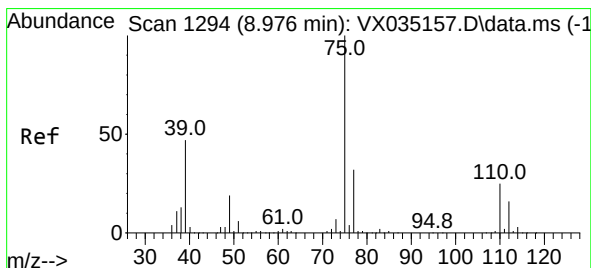
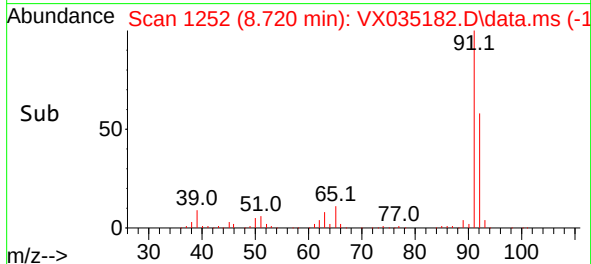
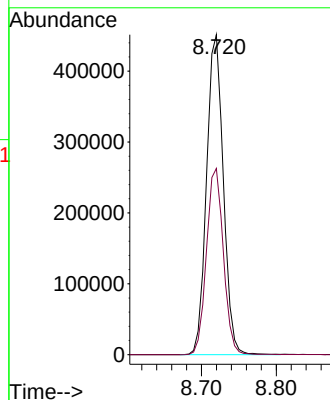
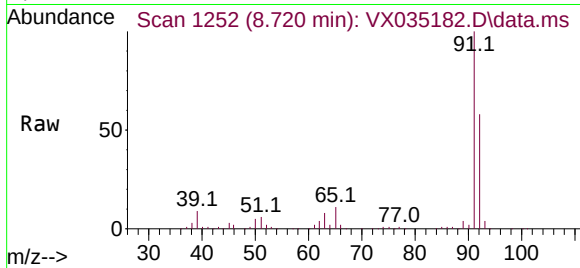
ClientSampleId :

Tgt Ion: 91 Resp: 703421

Ion Ratio Lower Upper

91 100

92 58.2 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 50.236 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX035182.D

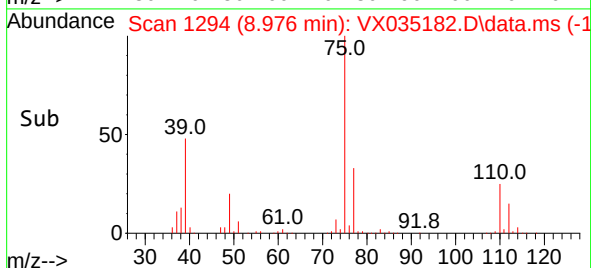
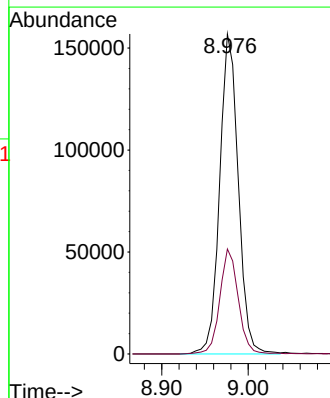
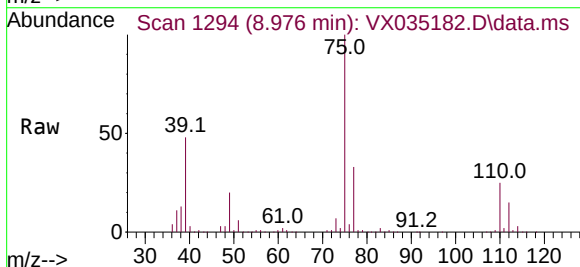
Acq: 19 Apr 2023 20:06

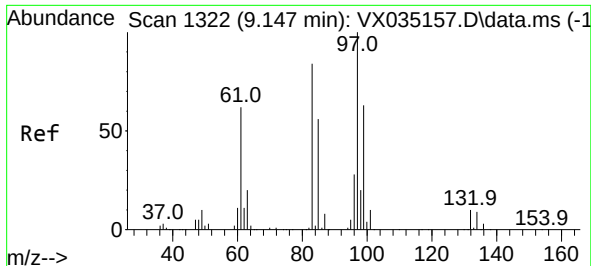
Tgt Ion: 75 Resp: 234216

Ion Ratio Lower Upper

75 100

77 32.8 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 52.487 ug/L

RT: 9.153 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX035182.D

Acq: 19 Apr 2023 20:06

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 172357

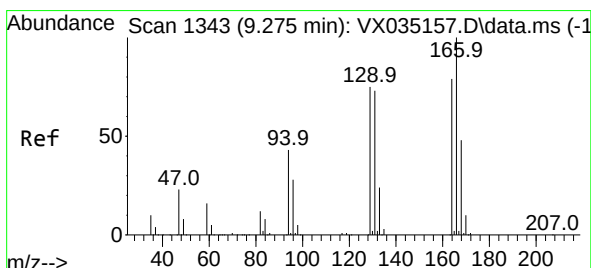
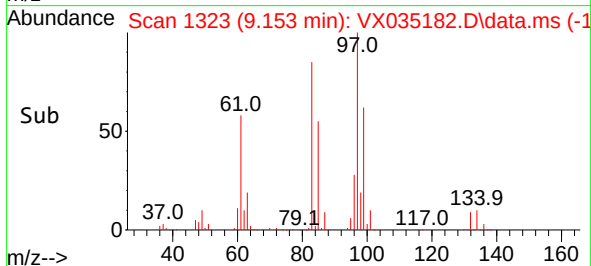
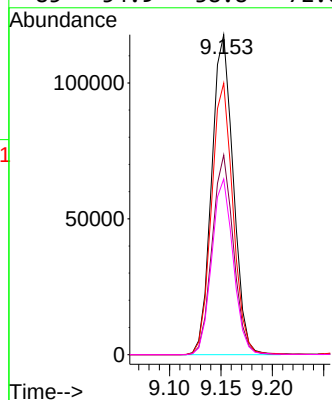
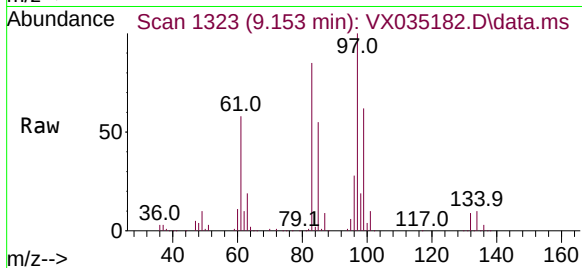
Ion Ratio Lower Upper

97 100

99 62.4 43.8 81.4

83 84.9 59.8 111.0

85 54.9 38.8 72.0



#46

Tetrachloroethene

Concen: 50.092 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX035182.D

Acq: 19 Apr 2023 20:06

Tgt Ion:164 Resp: 130463

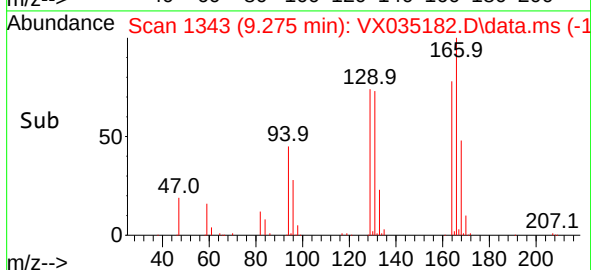
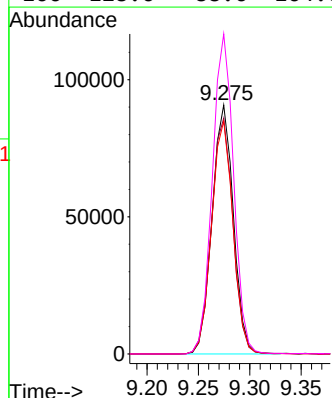
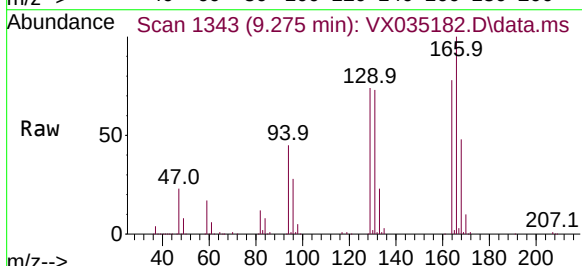
Ion Ratio Lower Upper

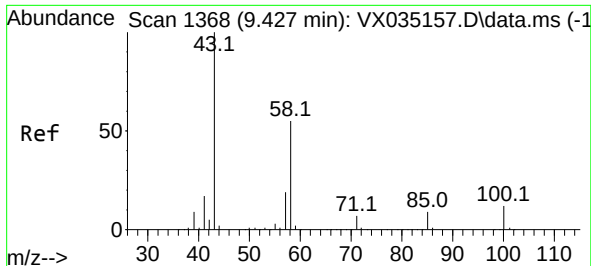
164 100

129 94.7 66.1 122.8

131 93.5 65.0 120.8

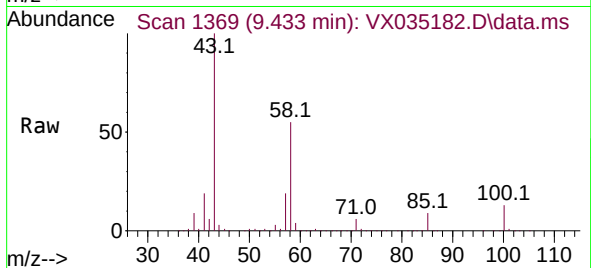
166 128.6 88.6 164.6



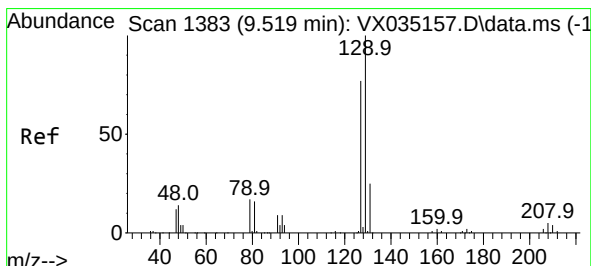
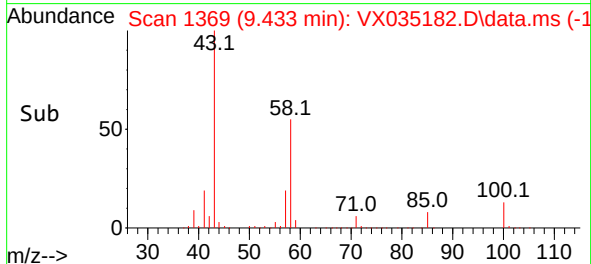
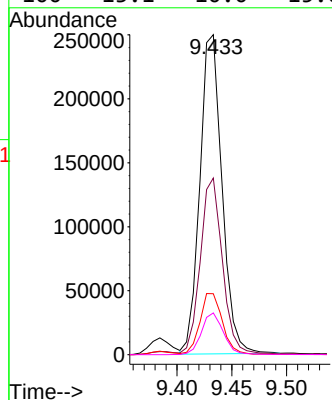


#48
2-Hexanone
Concen: 101.474 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX035182.D
Acq: 19 Apr 2023 20:06

Instrument :
MSVOA_X
ClientSampleId :

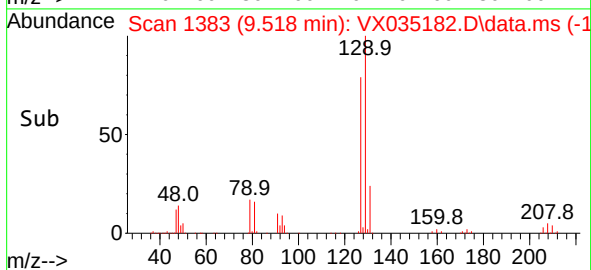
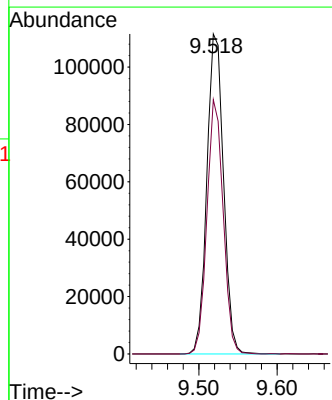
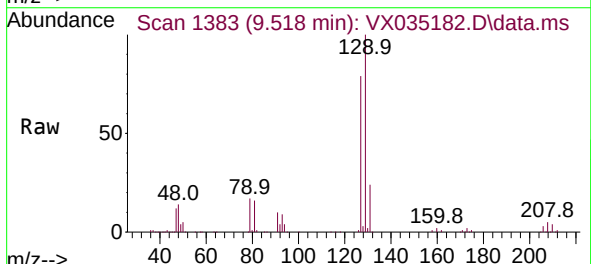


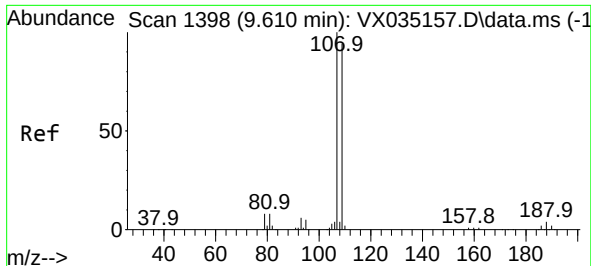
Tgt Ion:	43	58	57	100
Ratio	100	55.5	19.4	13.1
Lower		43.2	15.4	10.0
Upper		64.8	23.0	15.0



#49
Dibromochloromethane
Concen: 52.584 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX035182.D
Acq: 19 Apr 2023 20:06

Tgt Ion:	129	127
Ratio	100	79.5
Lower		54.8
Upper		101.8





#50

1,2-Dibromoethane

Concen: 52.274 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

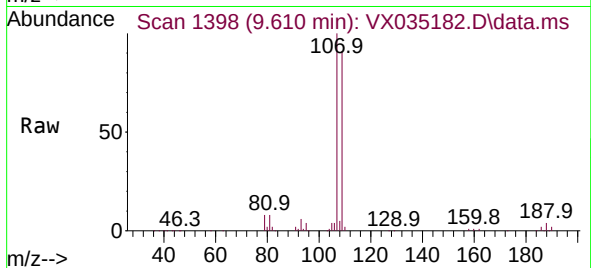
Lab File: VX035182.D

Acq: 19 Apr 2023 20:06

Instrument :

MSVOA_X

ClientSampleId :



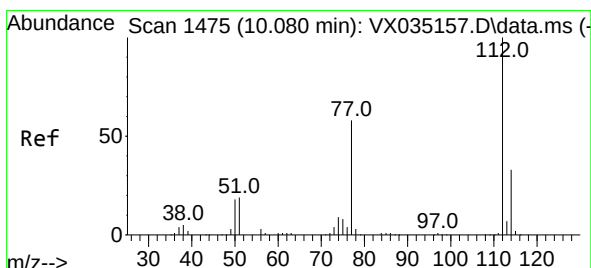
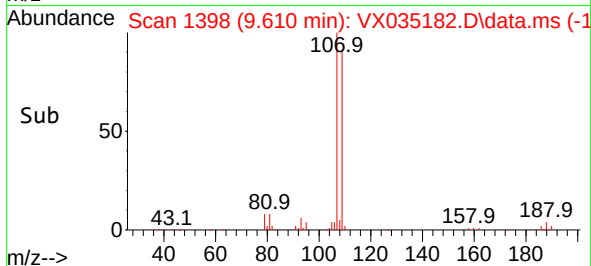
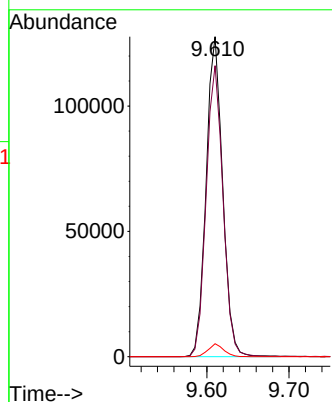
Tgt Ion:107 Resp: 178614

Ion Ratio Lower Upper

107 100

109 90.9 65.6 121.8

188 4.1 3.3 4.9



#51

Chlorobenzene

Concen: 51.299 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX035182.D

Acq: 19 Apr 2023 20:06

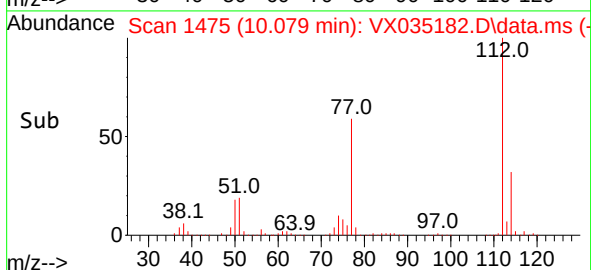
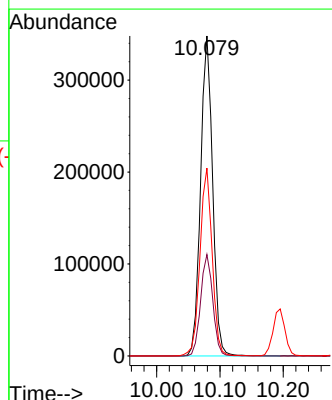
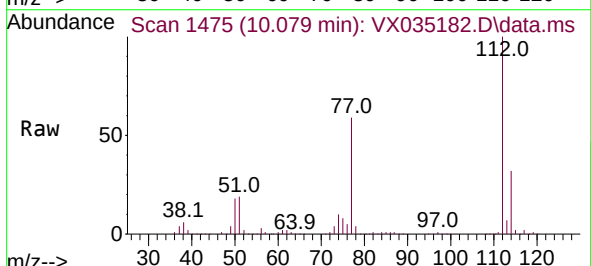
Tgt Ion:112 Resp: 460879

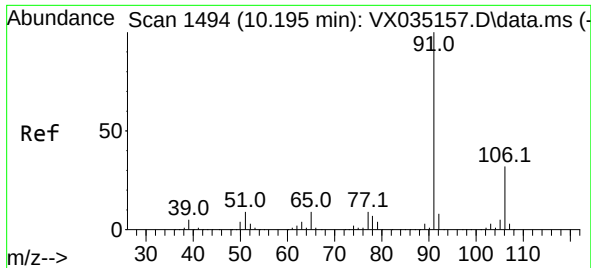
Ion Ratio Lower Upper

112 100

114 31.7 22.4 41.6

77 58.7 47.0 70.6

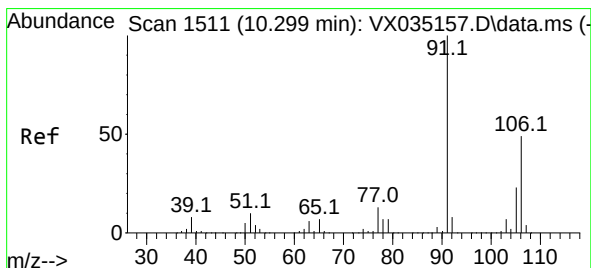
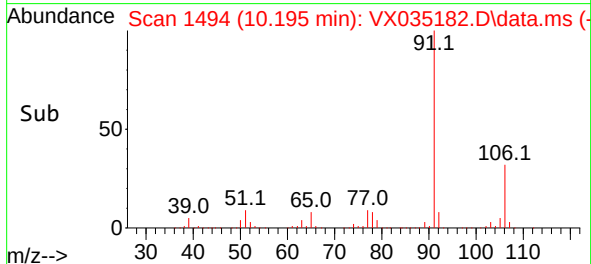
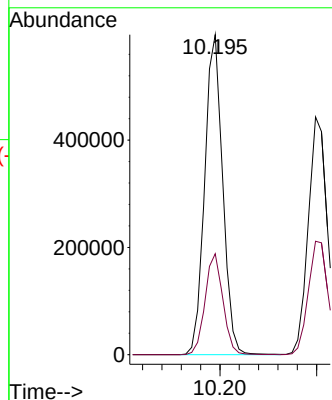
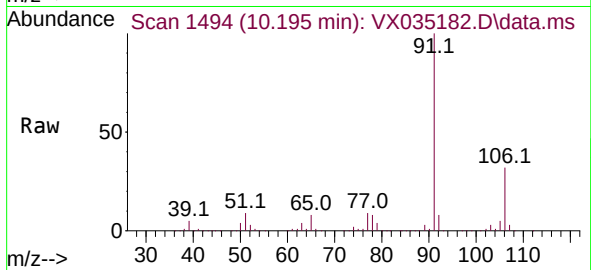




#52
Ethylbenzene
Concen: 51.226 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX035182.D
Acq: 19 Apr 2023 20:06

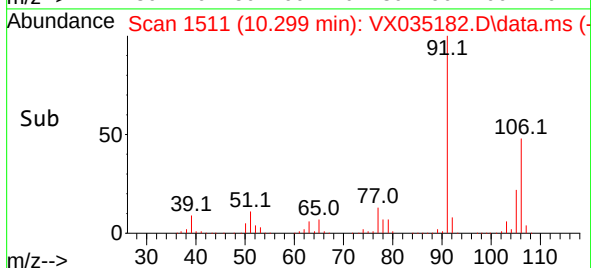
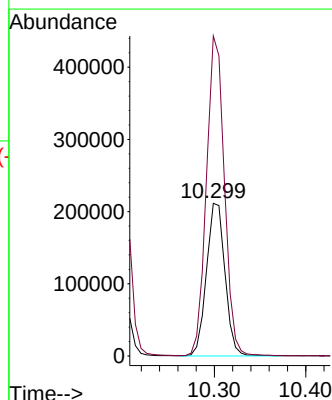
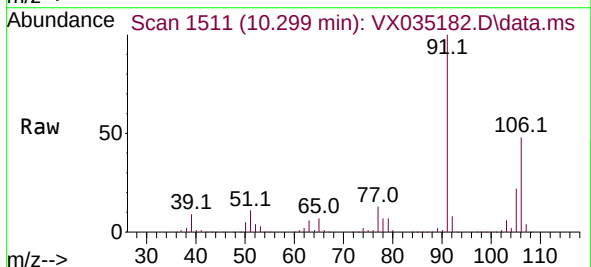
Instrument :
MSVOA_X
ClientSampleId :

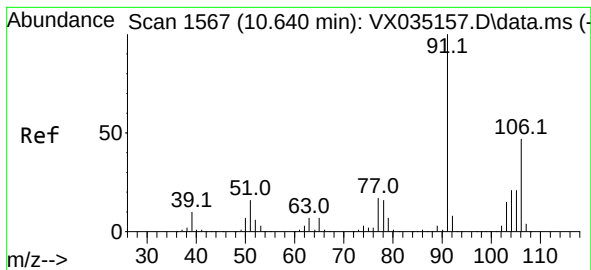
Tgt Ion: 91 Resp: 772221
Ion Ratio Lower Upper
91 100
106 31.5 22.6 42.0



#53
m,p-Xylene
Concen: 51.618 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035182.D
Acq: 19 Apr 2023 20:06

Tgt Ion: 106 Resp: 297969
Ion Ratio Lower Upper
106 100
91 209.6 142.7 264.9





#54

o-Xylene

Concen: 52.092 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX035182.D

Acq: 19 Apr 2023 20:06

Instrument :

MSVOA_X

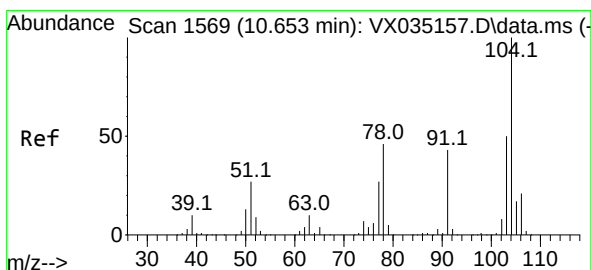
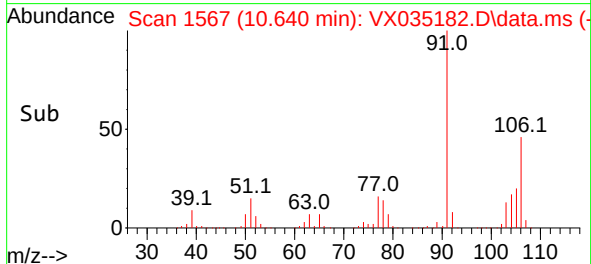
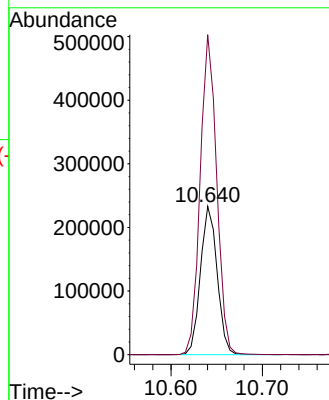
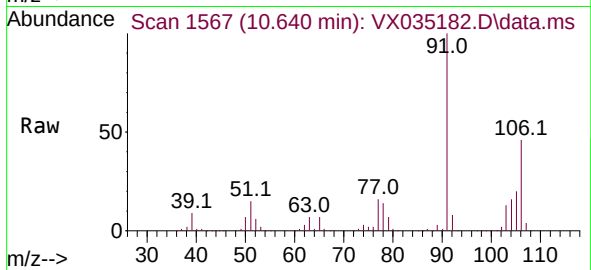
ClientSampleId :

Tgt Ion:106 Resp: 295640

Ion Ratio Lower Upper

106 100

91 215.8 153.9 285.7



#55

Styrene

Concen: 52.043 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX035182.D

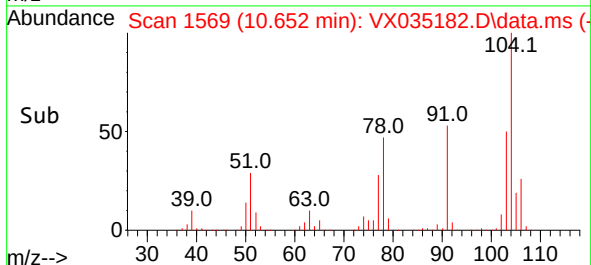
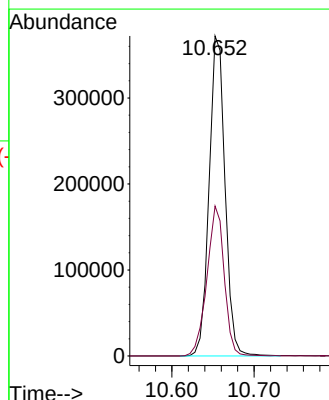
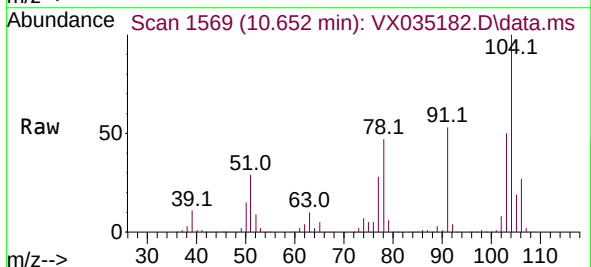
Acq: 19 Apr 2023 20:06

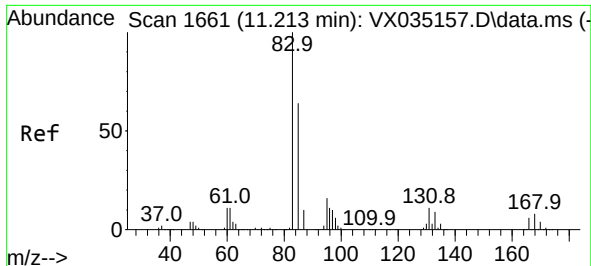
Tgt Ion:104 Resp: 500422

Ion Ratio Lower Upper

104 100

78 46.9 33.5 62.3





#57

1,1,2-Tetrachloroethane

Concen: 52.830 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035182.D

Acq: 19 Apr 2023 20:06

Instrument :

MSVOA_X

ClientSampleId :

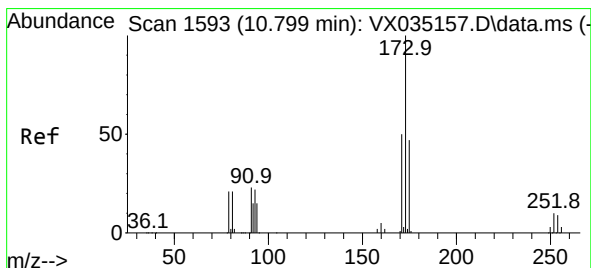
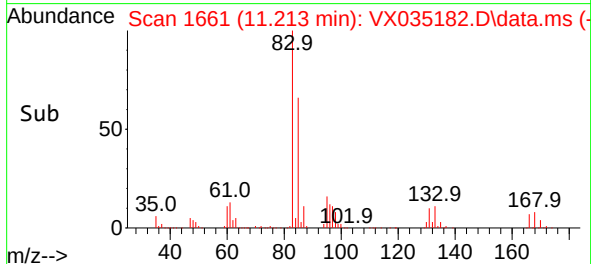
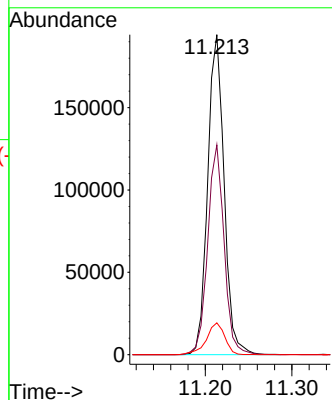
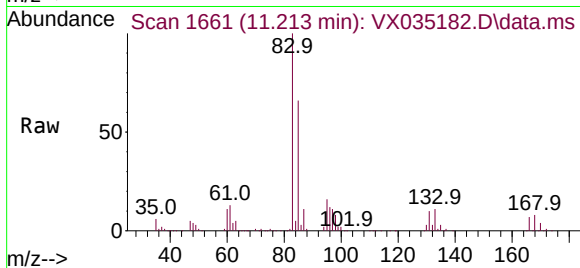
Tgt Ion: 83 Resp: 255669

Ion Ratio Lower Upper

83 100

85 65.6 46.0 85.4

131 10.0 8.3 12.5



#59

Bromoform

Concen: 50.542 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX035182.D

Acq: 19 Apr 2023 20:06

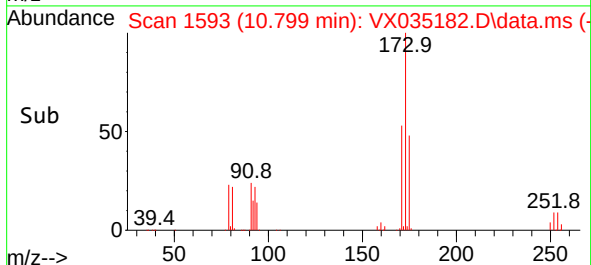
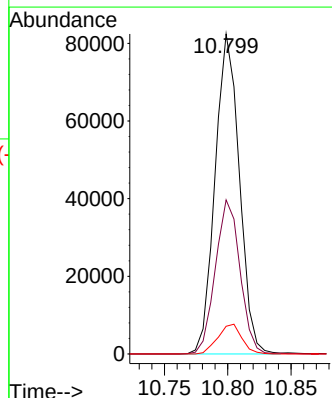
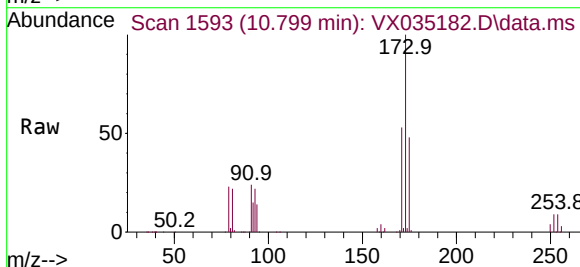
Tgt Ion:173 Resp: 109794

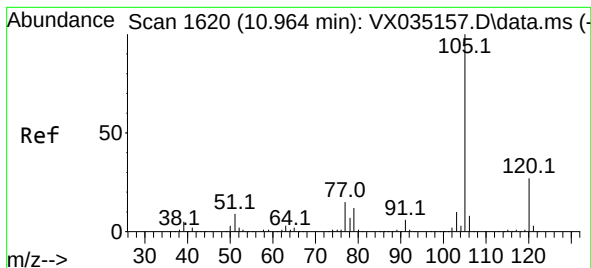
Ion Ratio Lower Upper

173 100

175 48.8 38.2 57.4

254 9.2 7.4 11.0





#60

Isopropylbenzene

Concen: 50.724 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035182.D

Acq: 19 Apr 2023 20:06

Instrument :

MSVOA_X

ClientSampleId :

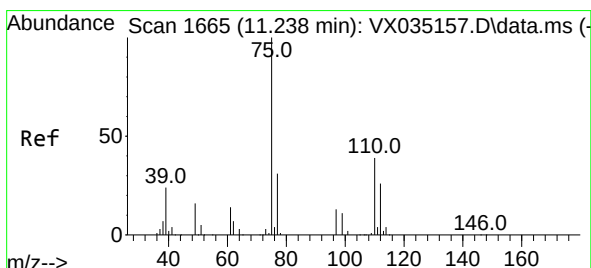
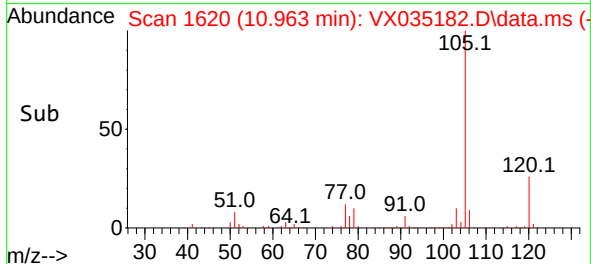
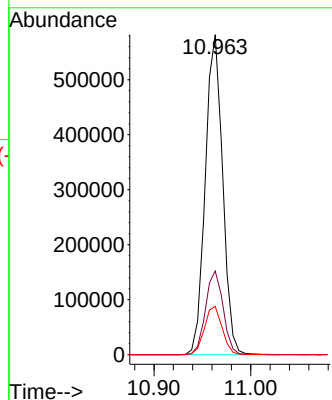
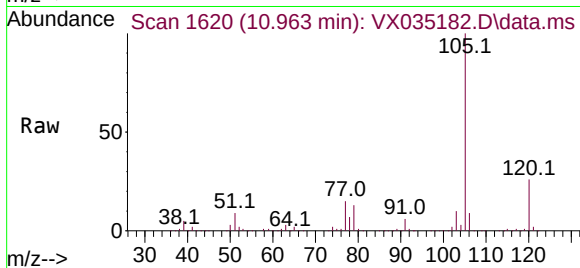
Tgt Ion:105 Resp: 727863

Ion Ratio Lower Upper

105 100

120 26.5 21.5 32.3

77 15.5 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 51.324 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX035182.D

Acq: 19 Apr 2023 20:06

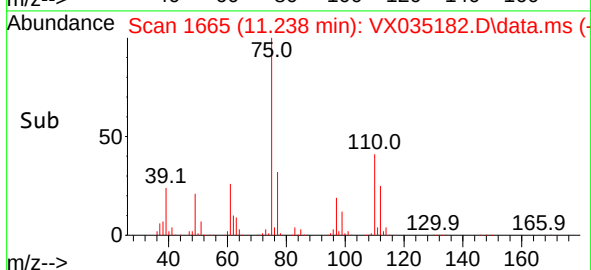
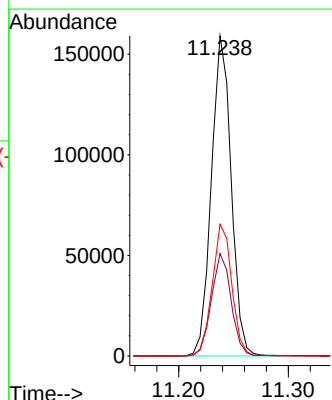
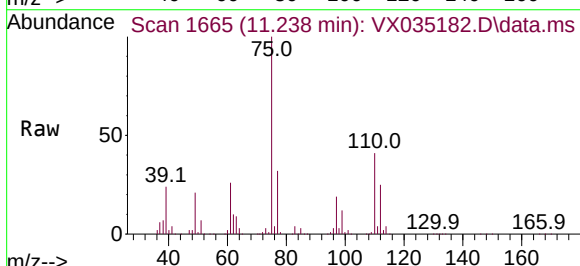
Tgt Ion: 75 Resp: 199969

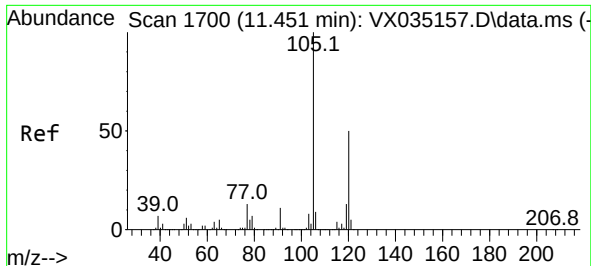
Ion Ratio Lower Upper

75 100

77 31.8 25.6 38.4

110 40.7 32.5 48.7





#62

1,3,5-Trimethylbenzene

Concen: 50.610 ug/L

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035182.D

Acq: 19 Apr 2023 20:06

Instrument :

MSVOA_X

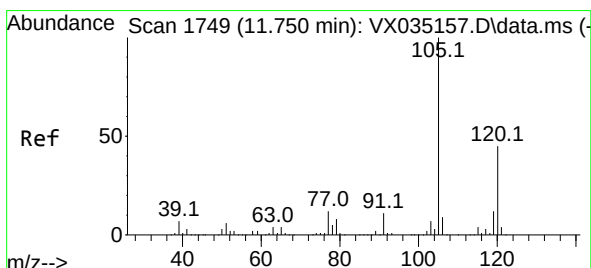
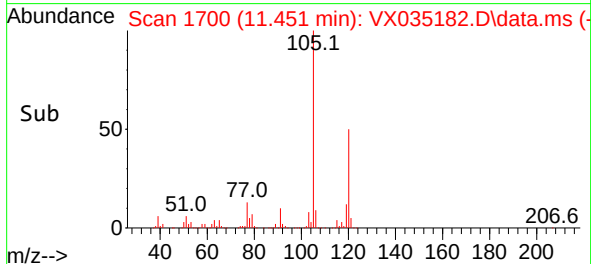
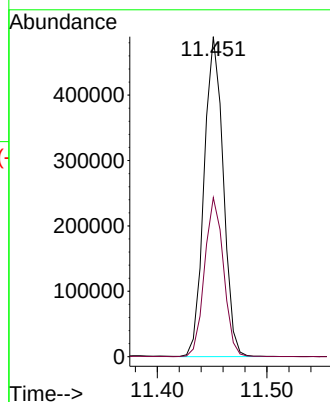
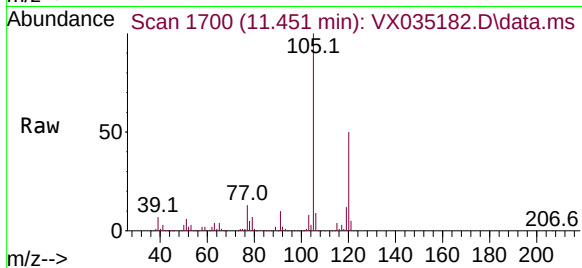
ClientSampleId :

Tgt Ion:105 Resp: 593907

Ion Ratio Lower Upper

105 100

120 49.2 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 50.825 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX035182.D

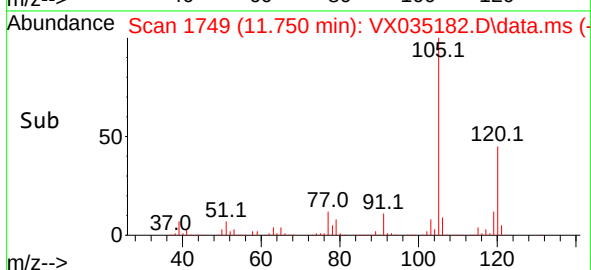
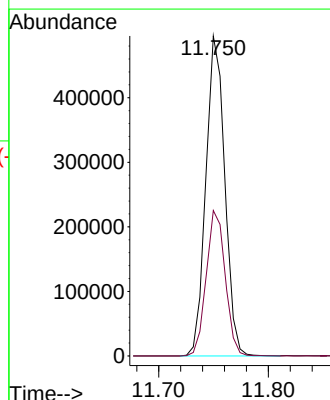
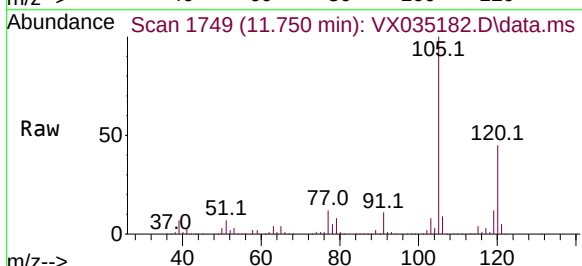
Acq: 19 Apr 2023 20:06

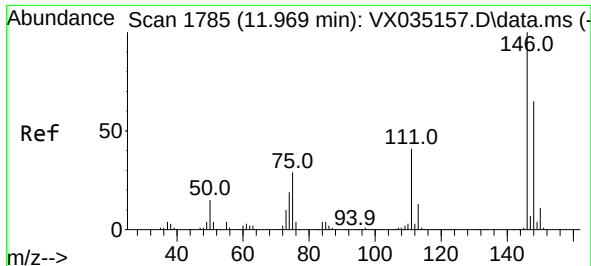
Tgt Ion:105 Resp: 593054

Ion Ratio Lower Upper

105 100

120 45.6 36.6 55.0

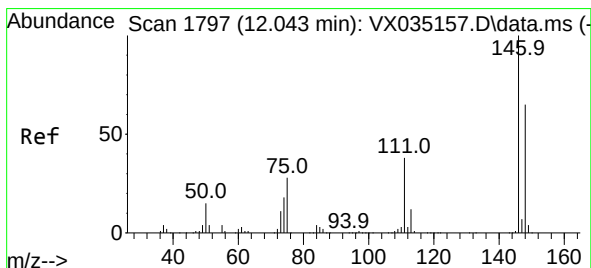
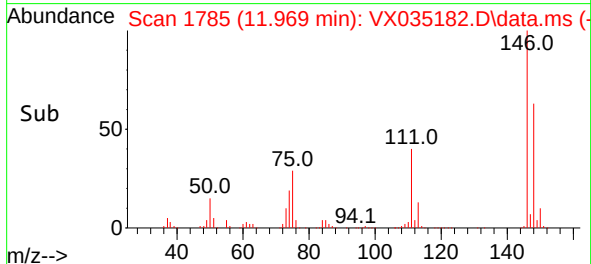
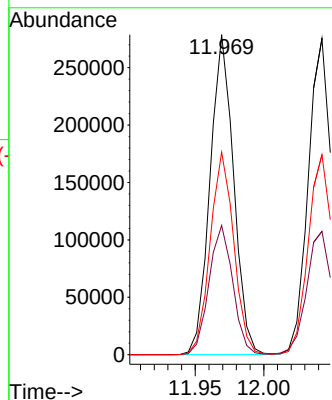
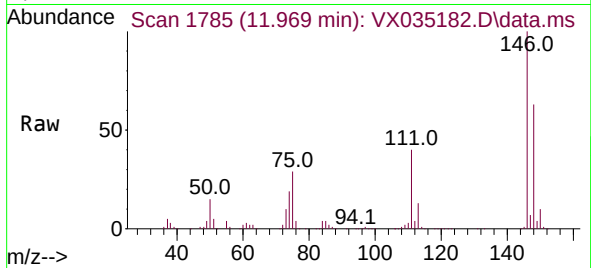




#64
1,3-Dichlorobenzene
Concen: 50.957 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX035182.D
Acq: 19 Apr 2023 20:06

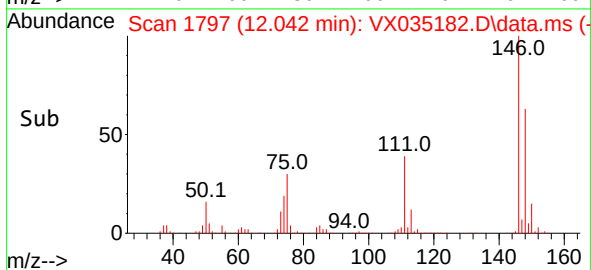
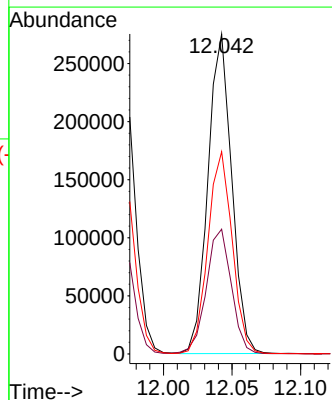
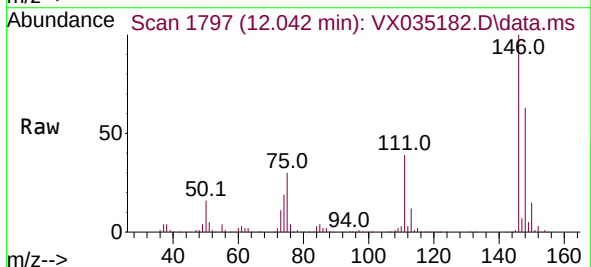
Instrument :
MSVOA_X
ClientSampleId :

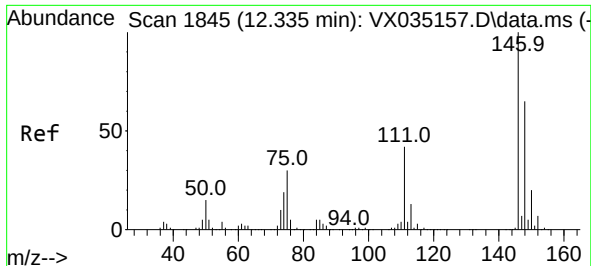
Tgt Ion:146 Resp: 333488
Ion Ratio Lower Upper
146 100
111 40.4 28.9 53.7
148 63.3 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 49.713 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX035182.D
Acq: 19 Apr 2023 20:06

Tgt Ion:146 Resp: 332916
Ion Ratio Lower Upper
146 100
111 39.0 27.9 51.7
148 63.2 45.9 85.3

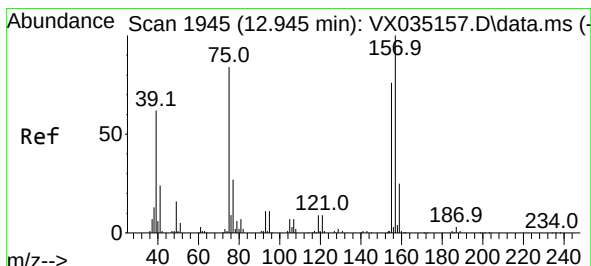
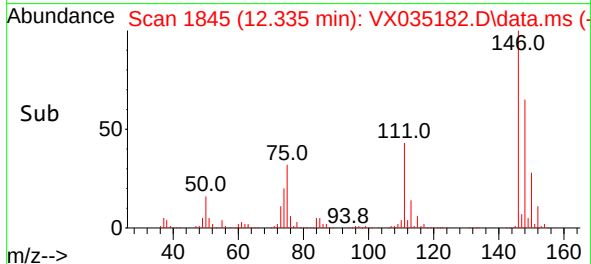
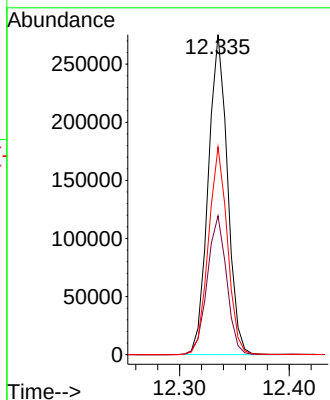
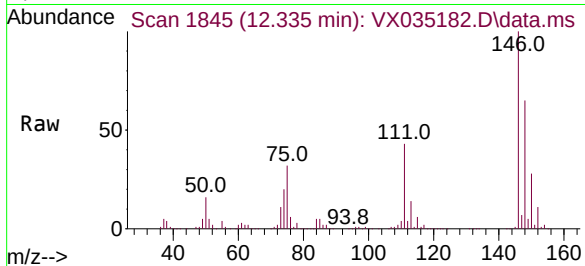




#67
1,2-Dichlorobenzene
Concen: 50.527 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX035182.D
Acq: 19 Apr 2023 20:06

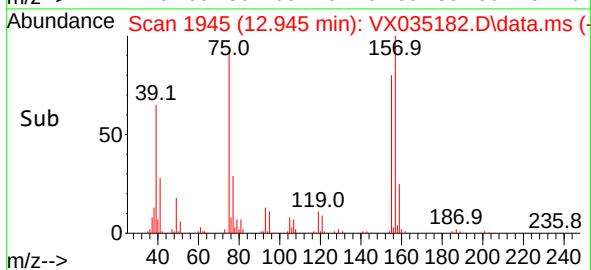
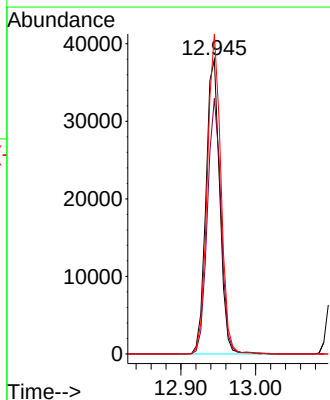
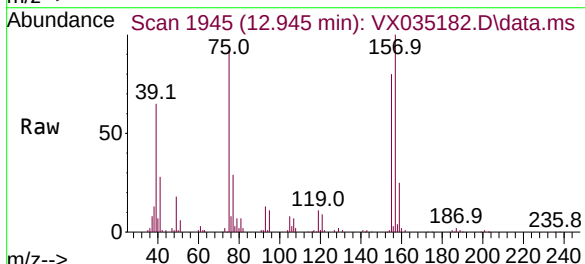
Instrument :
MSVOA_X
ClientSampleId :

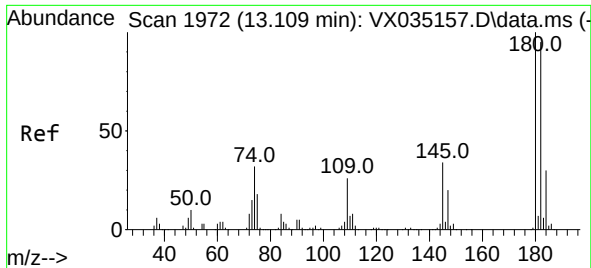
Tgt Ion:146 Resp: 335291
Ion Ratio Lower Upper
146 100
111 43.4 34.7 52.1
148 64.9 52.1 78.1



#68
1,2-Dibromo-3-chloropropane
Concen: 50.512 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX035182.D
Acq: 19 Apr 2023 20:06

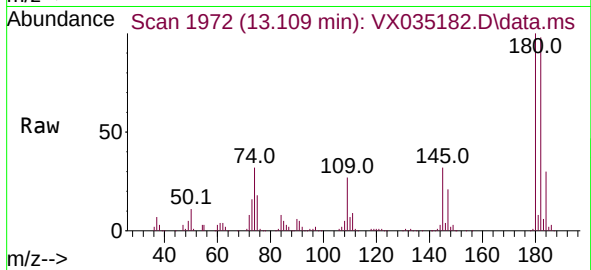
Tgt Ion: 75 Resp: 48562
Ion Ratio Lower Upper
75 100
155 86.9 69.9 104.9
157 108.8 90.4 135.6



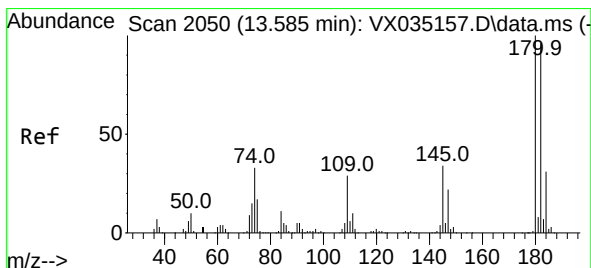
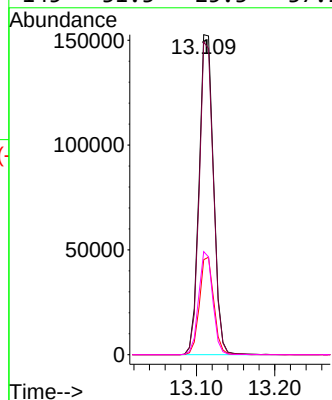
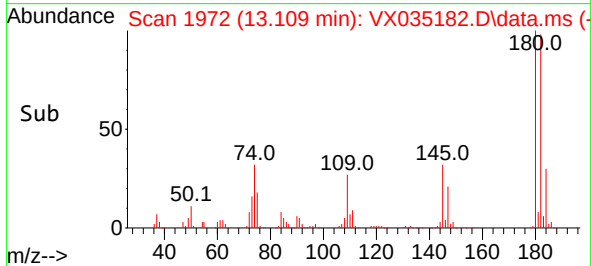


#69
 1,3,5-Trichlorobenzene
 Concen: 48.500 ug/L
 RT: 13.109 min Scan# 1972
 Delta R.T. -0.000 min
 Lab File: VX035182.D
 Acq: 19 Apr 2023 20:06

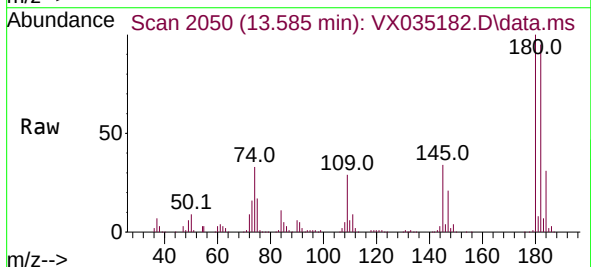
Instrument :
 MSVOA_X
 ClientSampleId :



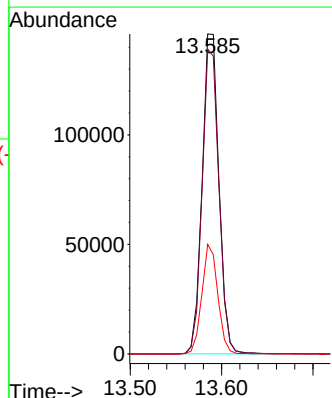
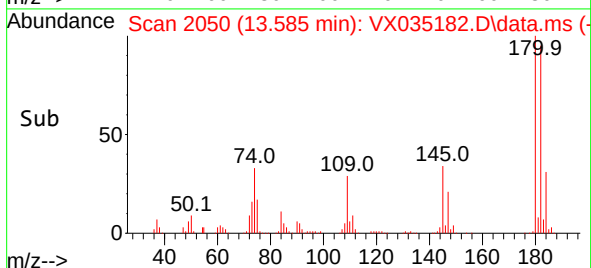
Tgt Ion:180 Resp: 196225
 Ion Ratio Lower Upper
 180 100
 182 96.1 75.4 113.0
 184 30.0 23.8 35.8
 145 31.3 25.3 37.9

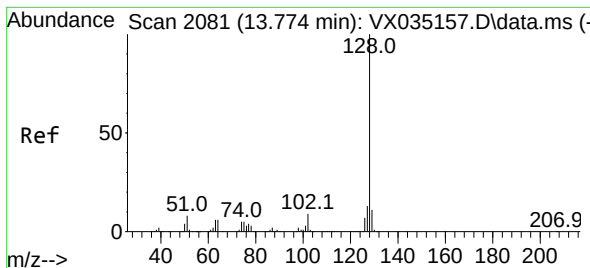


#70
 1,2,4-trichlorobenzene
 Concen: 49.196 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX035182.D
 Acq: 19 Apr 2023 20:06



Tgt Ion:180 Resp: 186376
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.6 114.8
 145 32.4 26.2 39.4





#71

Naphthalene

Concen: 52.152 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035182.D

Acq: 19 Apr 2023 20:06

Instrument :

MSVOA_X

ClientSampleId :

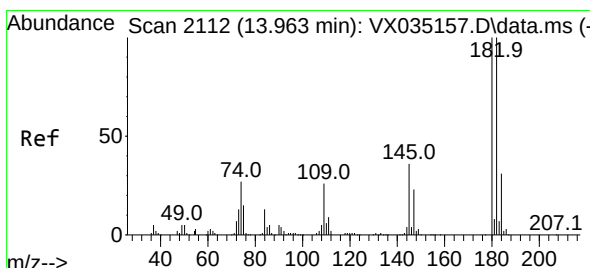
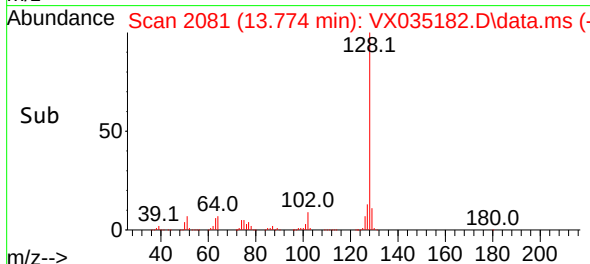
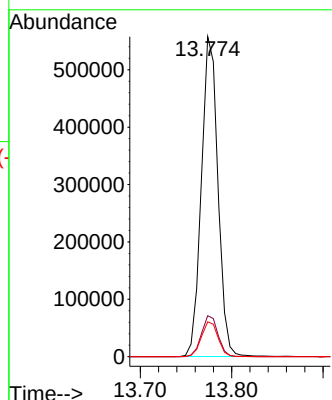
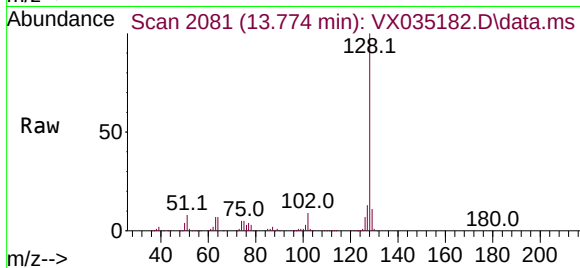
Tgt Ion:128 Resp: 703763

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 50.781 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035182.D

Acq: 19 Apr 2023 20:06

Tgt Ion:180 Resp: 189918

Ion Ratio Lower Upper

180 100

182 94.4 75.0 112.6

145 34.5 27.1 40.7

