

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035157.D
 Acq On : 19 Apr 2023 09:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 02:33:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 01:27:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	528931	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	463919	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	227777	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	138891	40.724	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.440%
7) Chloroethane-d5	1.673	69	103764	42.105	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.200%
11) 1,1-Dichloroethene-d2	2.307	65	69130	42.362	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.720%
21) 2-Butanone-d5	4.459	46	204885	90.147	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.150%
24) Chloroform-d	5.056	84	284009	44.219	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.440%
26) 1,2-Dichloroethane-d4	5.952	65	182440	44.233	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.460%
32) Benzene-d6	5.971	84	579458	43.481	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.960%
36) 1,2-Dichloropropane-d6	7.306	67	180745	44.400	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.800%
41) Toluene-d8	8.647	98	534768	43.907	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.820%
43) trans-1,3-Dichloroprop...	8.946	79	82328	46.277	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.560%
47) 2-Hexanone-d5	9.385	63	148255	90.691	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.690%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	231903	46.516	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.040%
66) 1,2-Dichlorobenzene-d4	12.317	152	194980	44.173	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	182680	46.083	ug/L	100
3) Chloromethane	1.295	50	161220	44.689	ug/L	99
5) Vinyl chloride	1.374	62	165203	44.128	ug/L	95
6) Bromomethane	1.618	94	88370	39.743	ug/L	99
8) Chloroethane	1.691	64	91968	44.047	ug/L	98
9) Trichlorofluoromethane	1.892	101	236542	46.658	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	163584	47.231	ug/L	100
12) 1,1-Dichloroethene	2.319	96	145356	45.998	ug/L	99
13) Acetone	2.392	43	228453	135.526	ug/L	99
14) Carbon disulfide	2.514	76	359617	46.061	ug/L	100
15) Methyl Acetate	2.703	43	167654	46.429	ug/L	100
16) Methylene chloride	2.788	84	162032	46.051	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	147711	45.394	ug/L	96
18) Methyl tert-butyl Ether	3.105	73	533279	47.389	ug/L	100
19) 1,1-Dichloroethane	3.605	63	288728	46.030	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	175362	46.095	ug/L	97
22) 2-Butanone	4.562	43	276373	106.815	ug/L	100
23) Bromochloromethane	4.898	128	89201	47.340	ug/L	97
25) Chloroform	5.093	83	300087	47.185	ug/L	95

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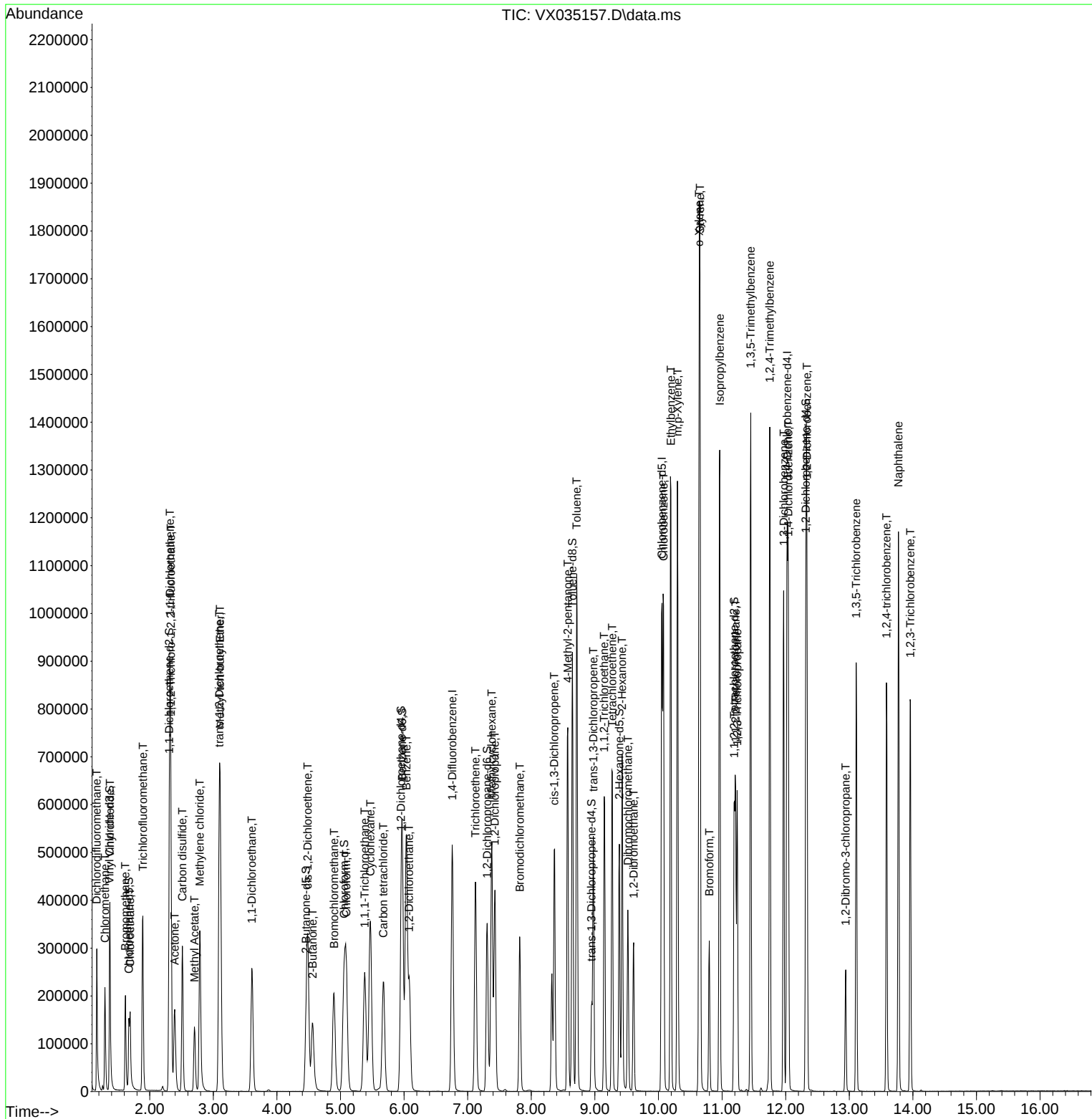
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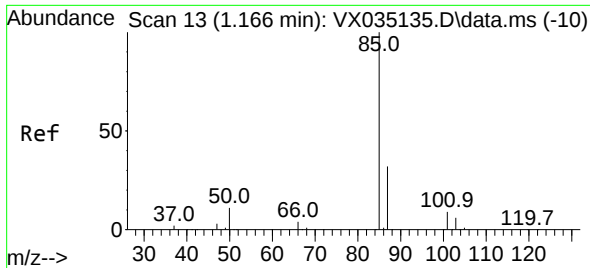
Quant Time: Apr 20 02:33:38 2023
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 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 01:27:01 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	240668	47.247	ug/L	99
29) Cyclohexane	5.471	56	254692	45.437	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	246873	45.373	ug/L	99
31) Carbon tetrachloride	5.672	117	215471	46.702	ug/L	100
33) Benzene	6.038	78	652329	46.432	ug/L	100
34) Trichloroethene	7.123	95	171952	46.010	ug/L	99
35) Methylcyclohexane	7.379	83	235679	46.826	ug/L	99
37) 1,2-Dichloropropane	7.428	63	175840	47.539	ug/L	100
38) Bromodichloromethane	7.818	83	209215	47.871	ug/L	99
39) cis-1,3-Dichloropropene	8.360	75	273281	49.412	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	457869	93.903	ug/L	100
42) Toluene	8.714	91	689667	47.315	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	245767	49.317	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	170087	48.459	ug/L	99
46) Tetrachloroethene	9.275	164	132801	47.704	ug/L	99
48) 2-Hexanone	9.427	43	373254	100.823	ug/L	98
49) Dibromochloromethane	9.519	129	163549	49.030	ug/L	99
50) 1,2-Dibromoethane	9.610	107	176170	48.237	ug/L	100
51) Chlorobenzene	10.080	112	459274	47.826	ug/L	100
52) Ethylbenzene	10.195	91	761750	47.276	ug/L	99
53) m,p-Xylene	10.299	106	294252	47.690	ug/L	100
54) o-Xylene	10.640	106	288391	47.540	ug/L	97
55) Styrene	10.653	104	496053	48.264	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	251267	48.574	ug/L	98
59) Bromoform	10.799	173	112365	47.922	ug/L	100
60) Isopropylbenzene	10.964	105	730779	47.183	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	196009	46.609	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	603451	47.643	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	603715	47.935	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	333760	47.249	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	342700	47.412	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	336839	47.029	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	48286	46.533	ug/L	96
69) 1,3,5-Trichlorobenzene	13.109	180	212217	48.596	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	202376	49.492	ug/L	99
71) Naphthalene	13.774	128	705508	48.437	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	199571	49.439	ug/L	98

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

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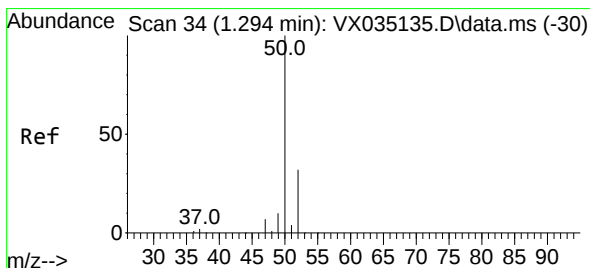
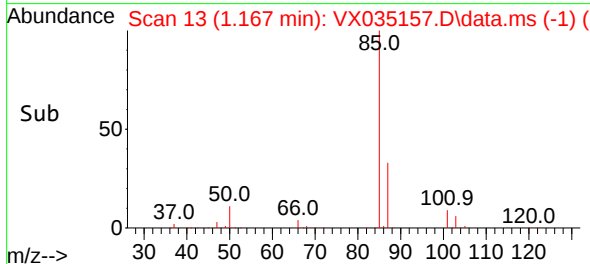
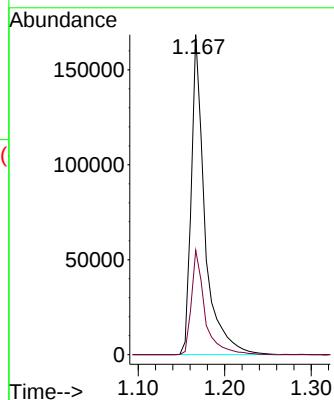
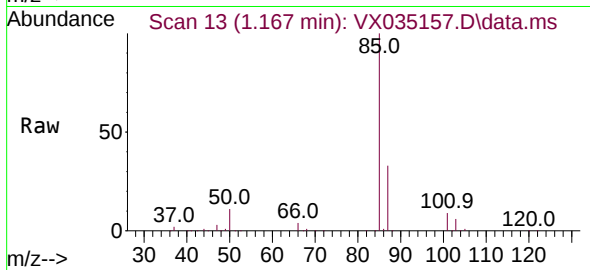




#2
 Dichlorodifluoromethane
 Concen: 46.083 ug/L
 RT: 1.167 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035157.D
 Acq: 19 Apr 2023 09:55

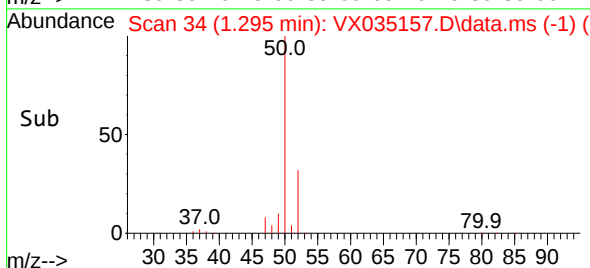
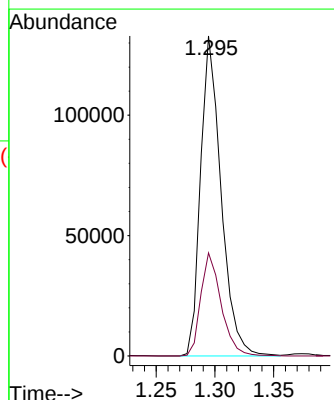
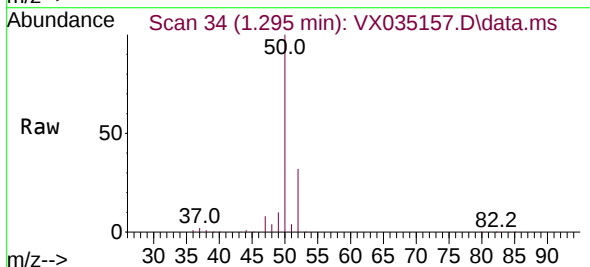
Instrument :
 MSVOA_X
 ClientSampleId :

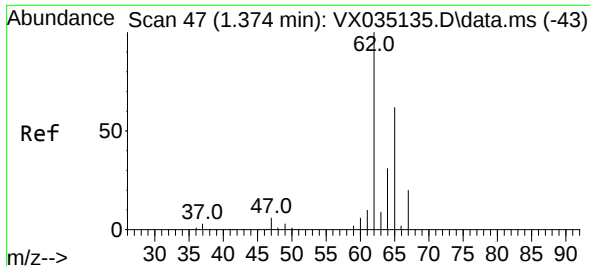
Tgt Ion: 85 Resp: 182680
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.2 39.4



#3
 Chloromethane
 Concen: 44.689 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX035157.D
 Acq: 19 Apr 2023 09:55

Tgt Ion: 50 Resp: 161220
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.0 42.6

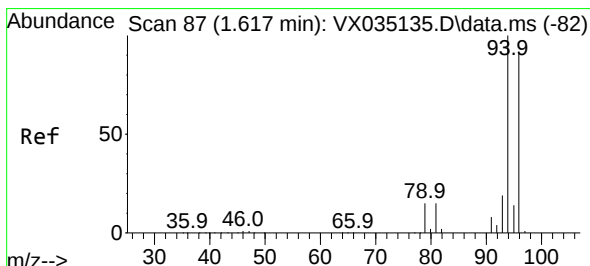
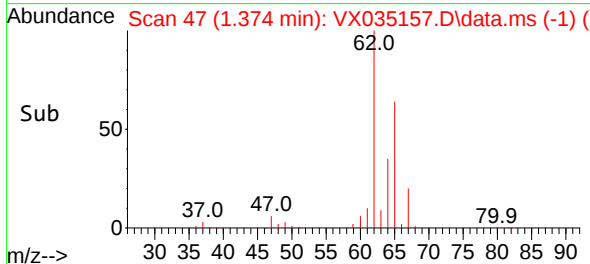
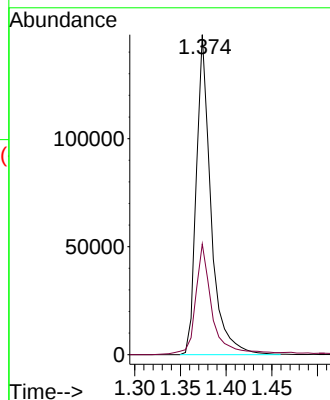
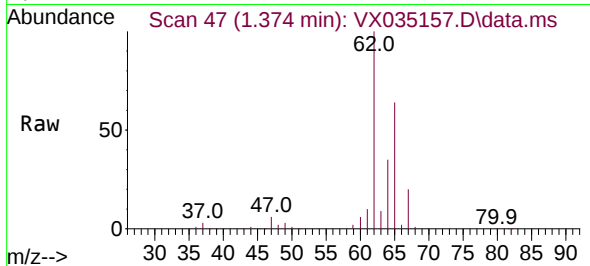




#5
 Vinyl chloride
 Concen: 44.128 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX035157.D
 Acq: 19 Apr 2023 09:55

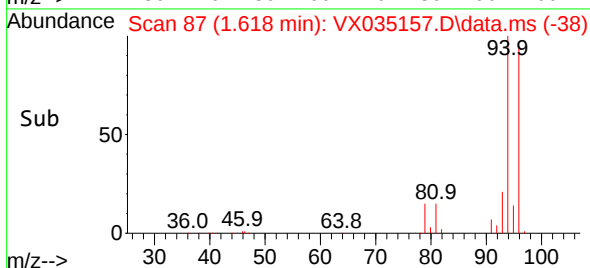
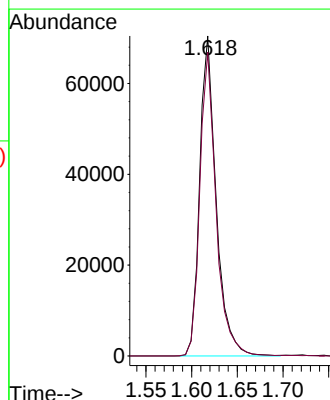
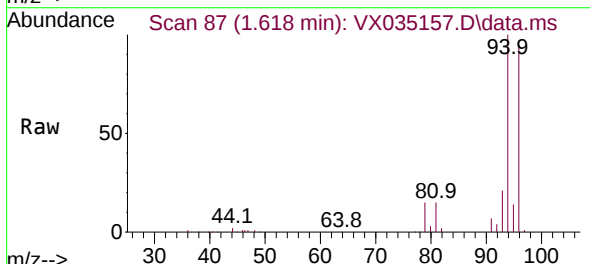
Instrument :
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 ClientSampleId :

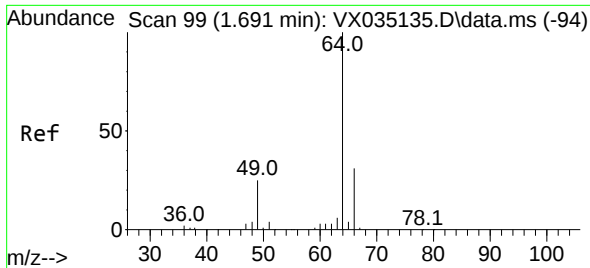
Tgt Ion: 62 Resp: 165203
 Ion Ratio Lower Upper
 62 100
 64 34.6 22.5 41.7



#6
 Bromomethane
 Concen: 39.743 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX035157.D
 Acq: 19 Apr 2023 09:55

Tgt Ion: 94 Resp: 88370
 Ion Ratio Lower Upper
 94 100
 96 95.0 65.7 121.9

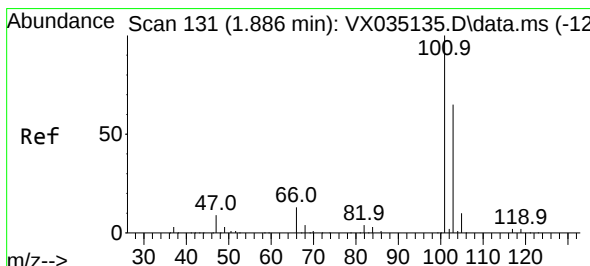
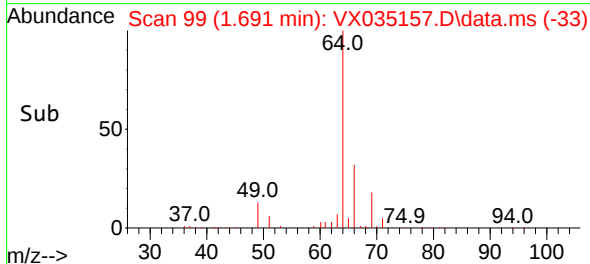
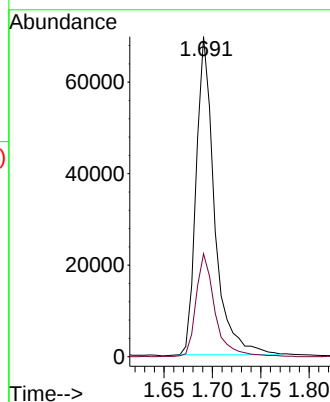
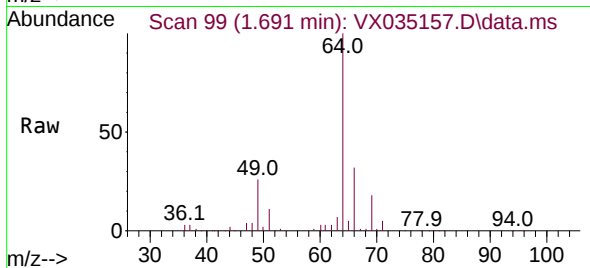




#8
Chloroethane
Concen: 44.047 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX035157.D
Acq: 19 Apr 2023 09:55

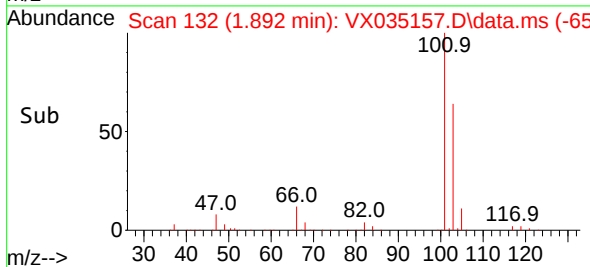
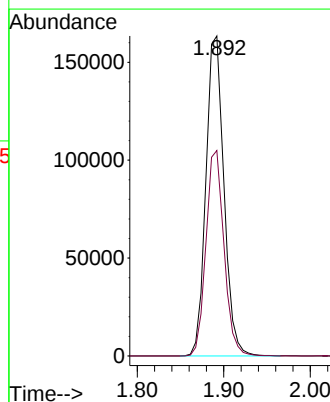
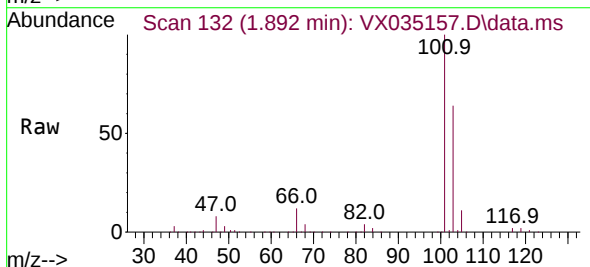
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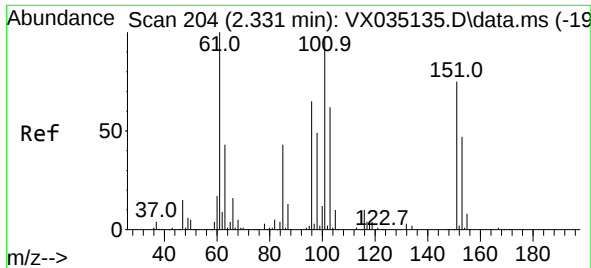
Tgt Ion: 64 Resp: 91968
Ion Ratio Lower Upper
64 100
66 32.2 21.9 40.7



#9
Trichlorofluoromethane
Concen: 46.658 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX035157.D
Acq: 19 Apr 2023 09:55

Tgt Ion: 101 Resp: 236542
Ion Ratio Lower Upper
101 100
103 64.3 51.7 77.5

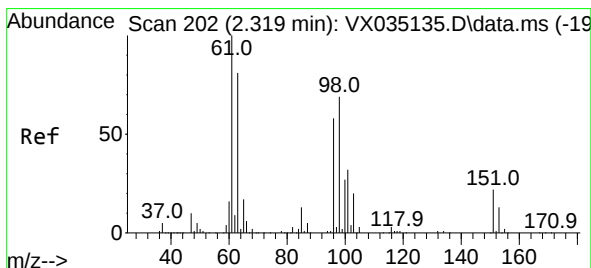
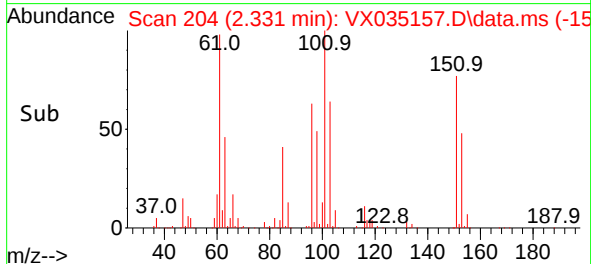
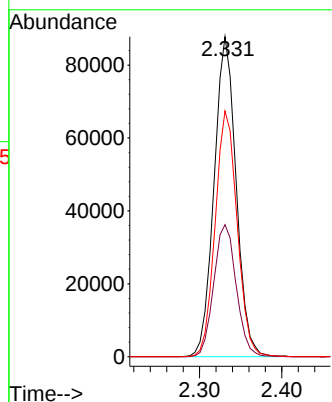
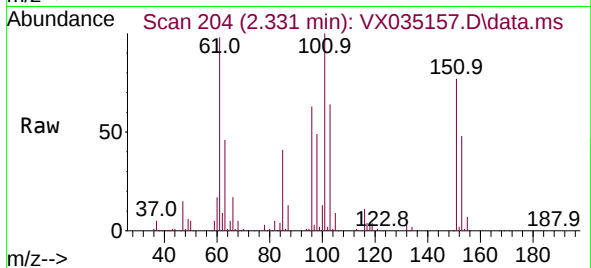




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.231 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX035157.D
 Acq: 19 Apr 2023 09:55

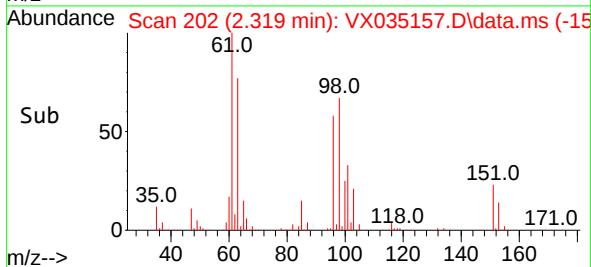
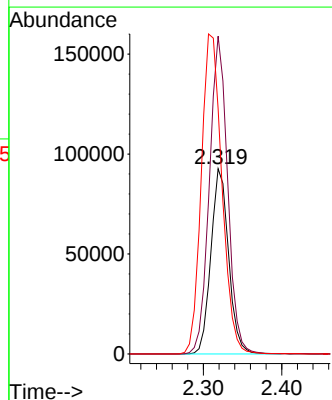
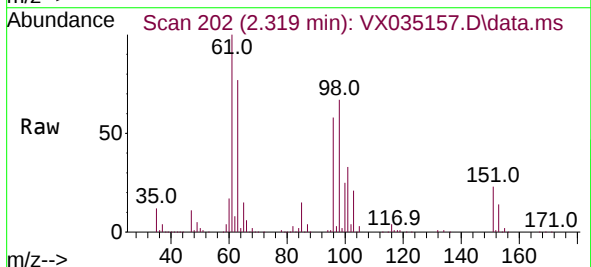
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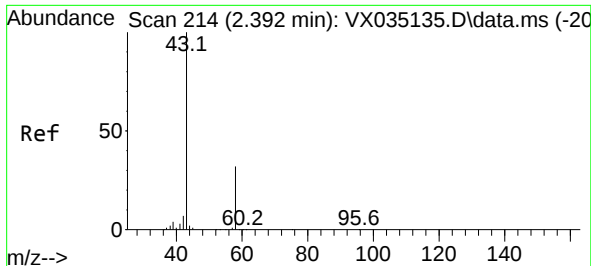
Tgt Ion:101 Resp: 163584
 Ion Ratio Lower Upper
 101 100
 85 42.0 34.2 51.2
 151 76.5 61.1 91.7



#12
 1,1-Dichloroethene
 Concen: 45.998 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX035157.D
 Acq: 19 Apr 2023 09:55

Tgt Ion: 96 Resp: 145356
 Ion Ratio Lower Upper
 96 100
 61 171.5 119.0 221.0
 63 132.4 91.0 169.0





#13

Acetone

Concen: 135.526 ug/L

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX035157.D

Acq: 19 Apr 2023 09:55

Instrument :

MSVOA_X

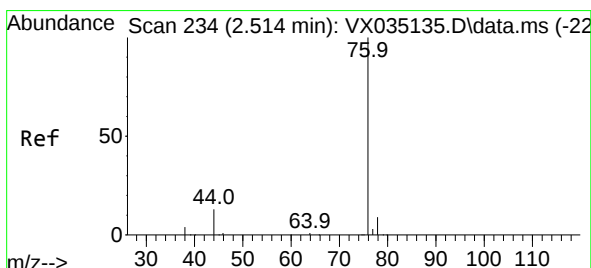
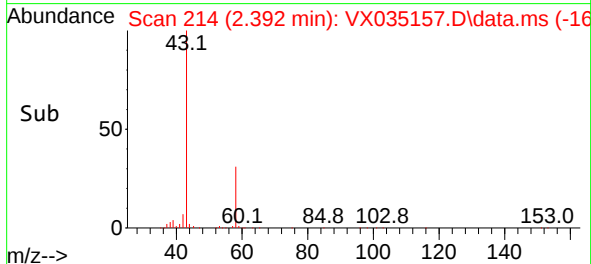
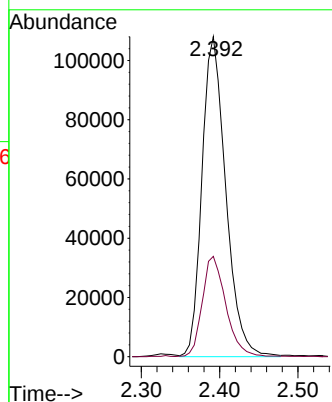
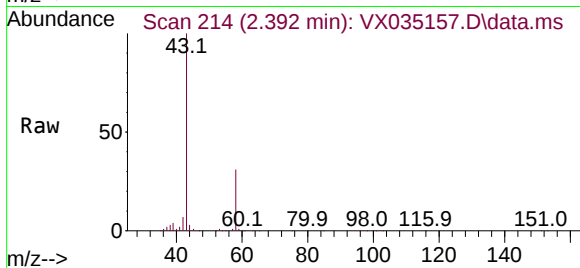
ClientSampleId :

Tgt Ion: 43 Resp: 228453

Ion Ratio Lower Upper

43 100

58 30.7 0.0 62.0



#14

Carbon disulfide

Concen: 46.061 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX035157.D

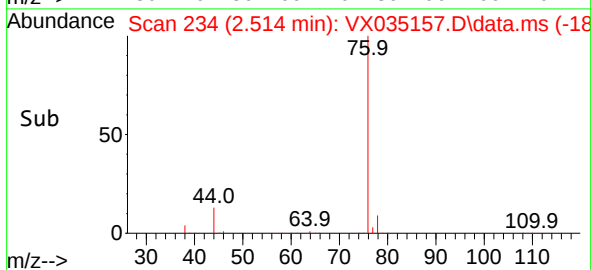
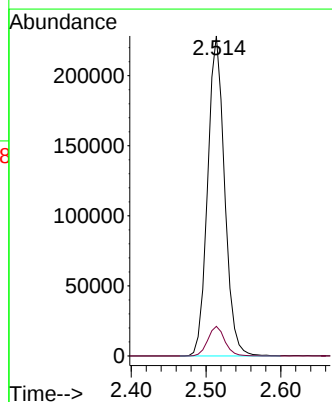
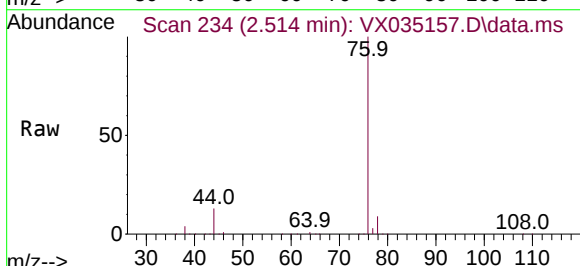
Acq: 19 Apr 2023 09:55

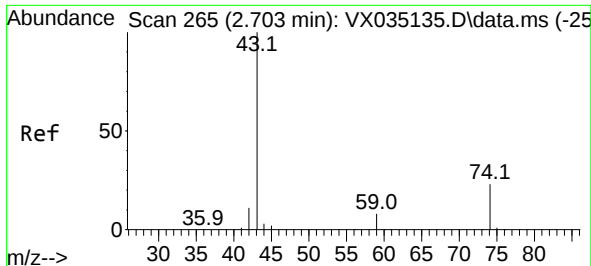
Tgt Ion: 76 Resp: 359617

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

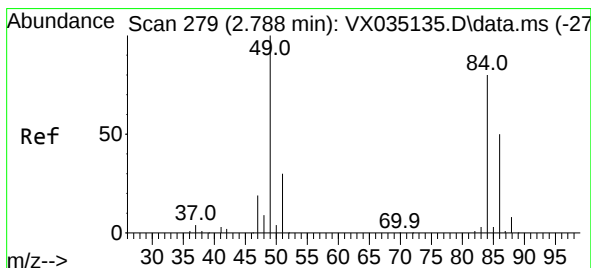
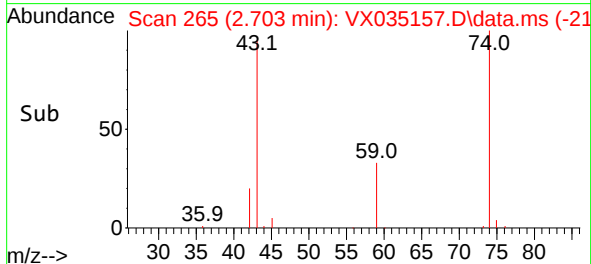
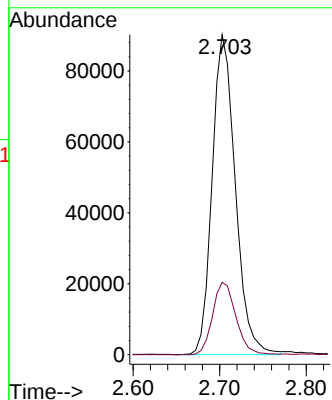
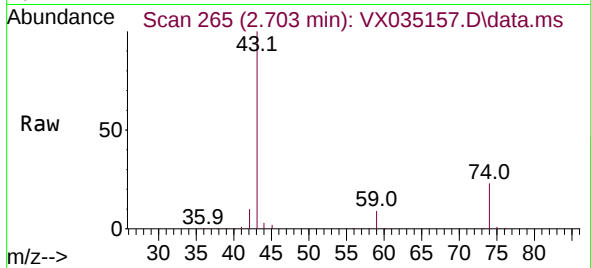




#15
Methyl Acetate
Concen: 46.429 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX035157.D
Acq: 19 Apr 2023 09:55

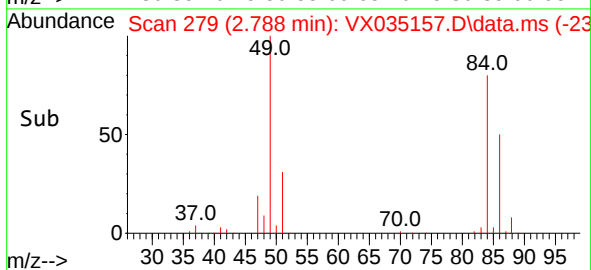
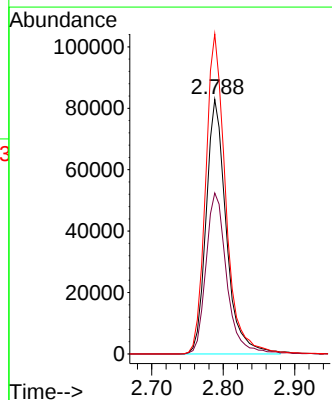
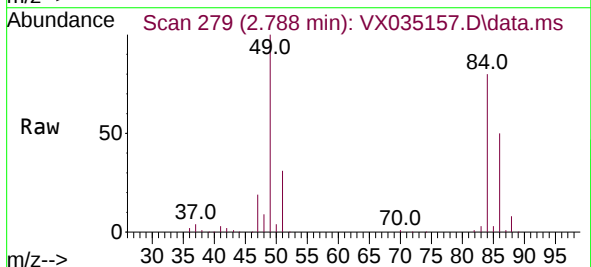
Instrument :
MSVOA_X
ClientSampleId :

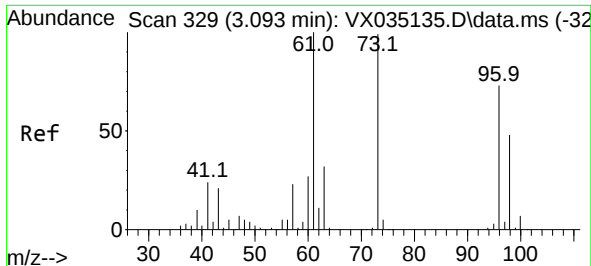
Tgt Ion: 43 Resp: 167654
Ion Ratio Lower Upper
43 100
74 22.7 18.2 27.4



#16
Methylene chloride
Concen: 46.051 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035157.D
Acq: 19 Apr 2023 09:55

Tgt Ion: 84 Resp: 162032
Ion Ratio Lower Upper
84 100
86 63.2 45.8 85.0
49 125.7 88.7 164.7

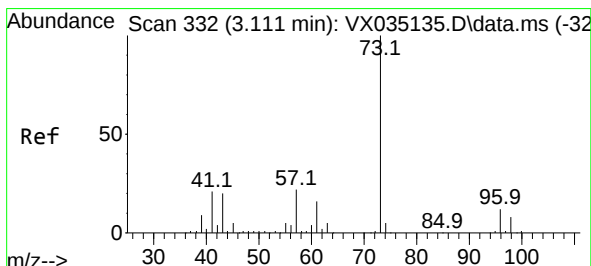
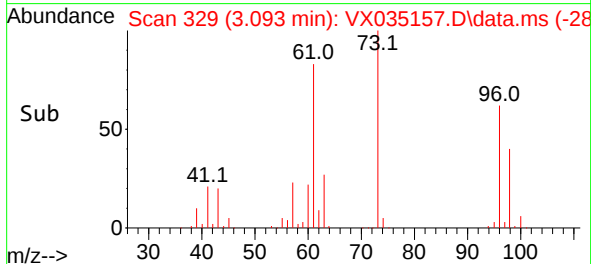
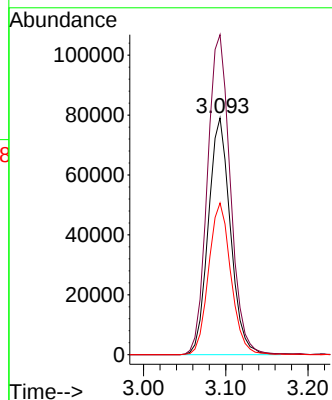
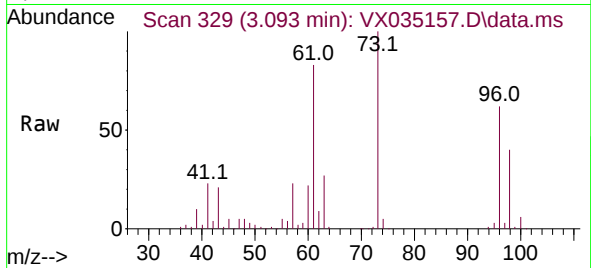




#17
trans-1,2-Dichloroethene
Concen: 45.394 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035157.D
Acq: 19 Apr 2023 09:55

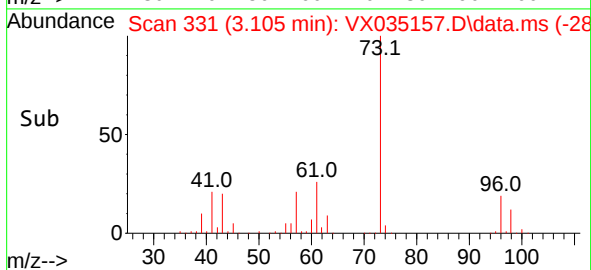
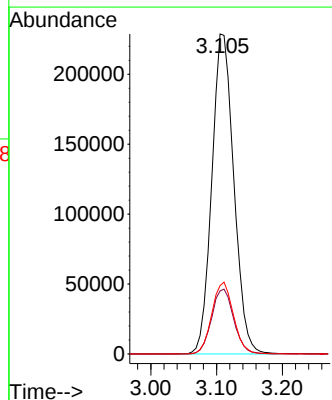
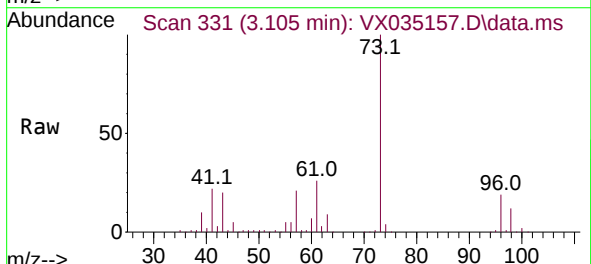
Instrument :
MSVOA_X
ClientSampleId :

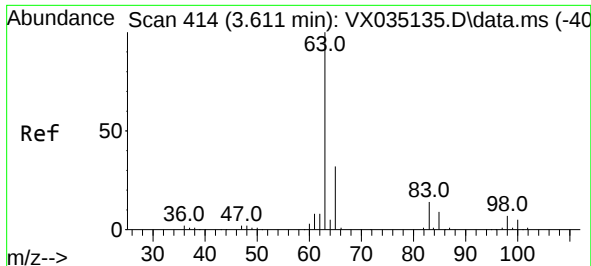
Tgt Ion: 96 Resp: 147711
Ion Ratio Lower Upper
96 100
61 135.1 98.8 183.4
98 64.1 44.4 82.4



#18
Methyl tert-butyl Ether
Concen: 47.389 ug/L
RT: 3.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX035157.D
Acq: 19 Apr 2023 09:55

Tgt Ion: 73 Resp: 533279
Ion Ratio Lower Upper
73 100
43 20.4 16.6 25.0
57 22.0 17.5 26.3





#19

1,1-Dichloroethane

Concen: 46.030 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX035157.D

Acq: 19 Apr 2023 09:55

Instrument :

MSVOA_X

ClientSampleId :

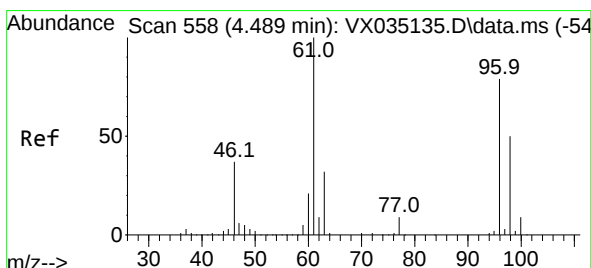
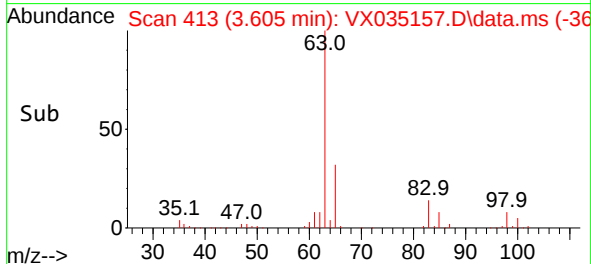
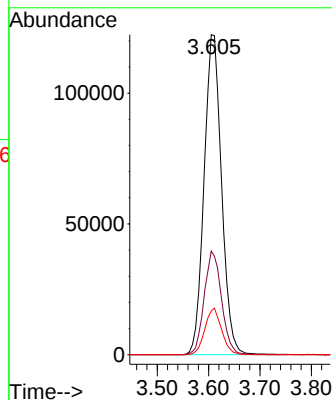
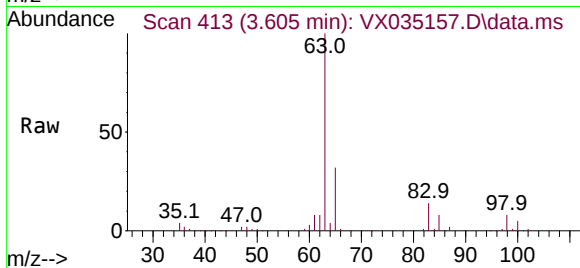
Tgt Ion: 63 Resp: 288728

Ion Ratio Lower Upper

63 100

65 32.4 22.8 42.4

83 13.6 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 46.095 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX035157.D

Acq: 19 Apr 2023 09:55

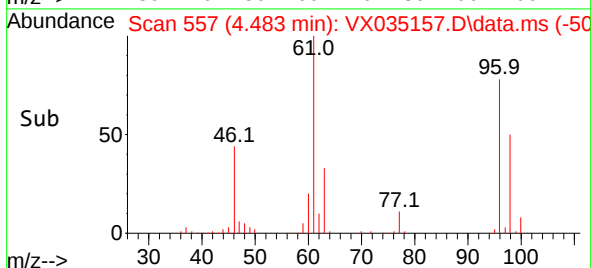
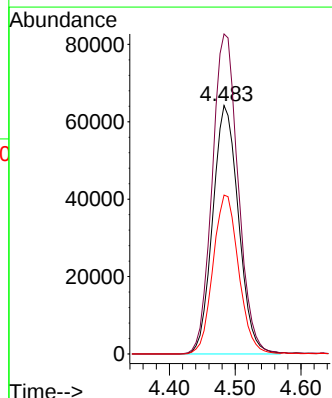
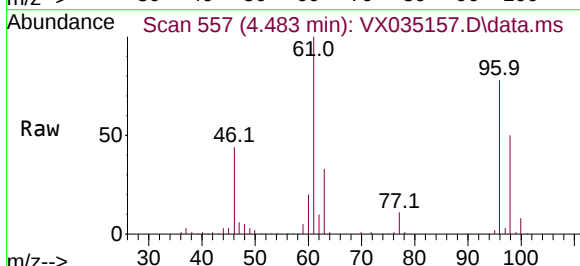
Tgt Ion: 96 Resp: 175362

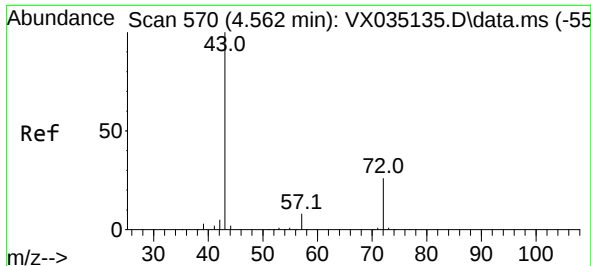
Ion Ratio Lower Upper

96 100

61 128.8 87.8 163.2

98 63.9 46.3 86.1

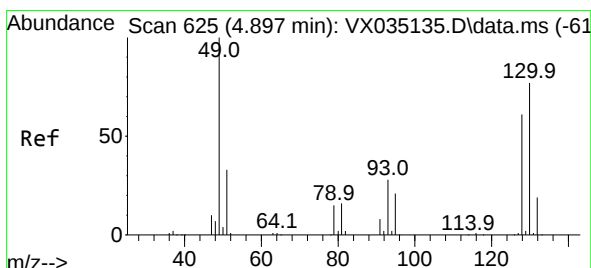
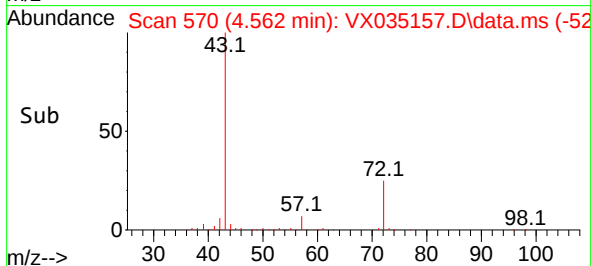
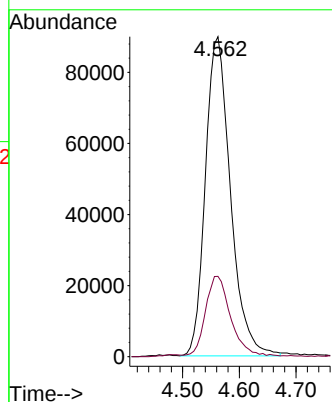
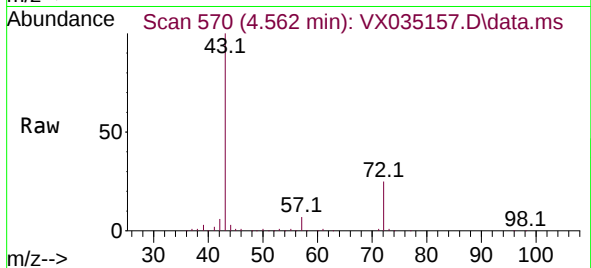




#22
2-Butanone
Concen: 106.815 ug/L
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX035157.D
Acq: 19 Apr 2023 09:55

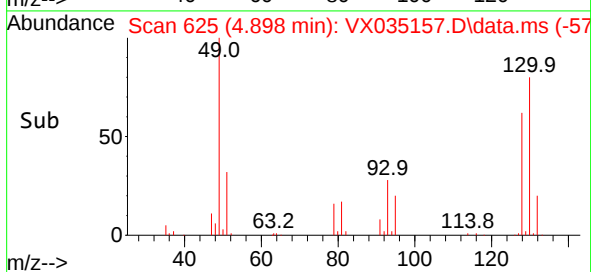
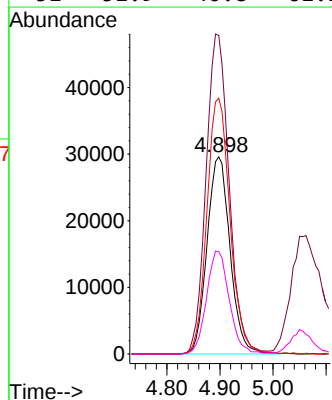
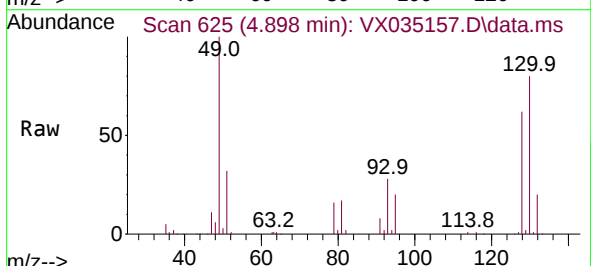
Instrument :
MSVOA_X
ClientSampleId :

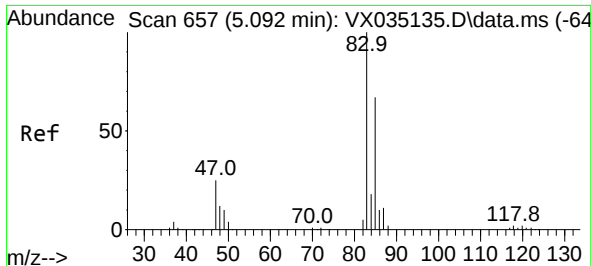
Tgt Ion: 43 Resp: 276373
Ion Ratio Lower Upper
43 100
72 24.9 12.4 37.2



#23
Bromochloromethane
Concen: 47.340 ug/L
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX035157.D
Acq: 19 Apr 2023 09:55

Tgt Ion: 128 Resp: 89201
Ion Ratio Lower Upper
128 100
49 161.5 115.9 215.3
130 129.8 88.9 165.1
51 51.9 40.8 61.2





#25

Chloroform

Concen: 47.185 ug/L

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX035157.D

Acq: 19 Apr 2023 09:55

Instrument :

MSVOA_X

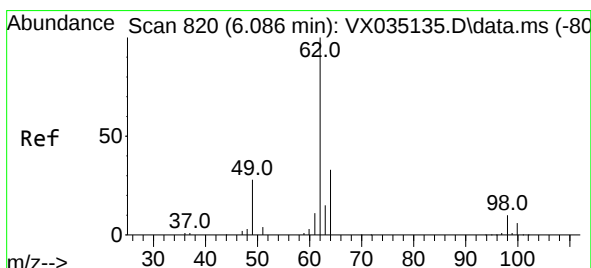
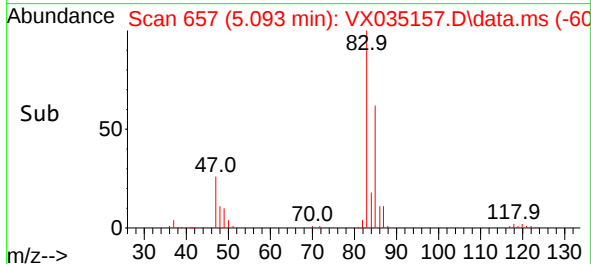
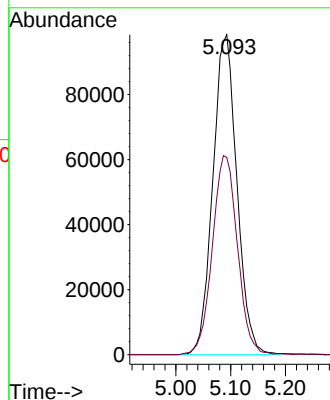
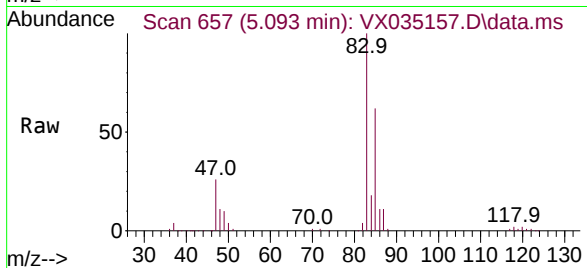
ClientSampleId :

Tgt Ion: 83 Resp: 300087

Ion Ratio Lower Upper

83 100

85 61.7 46.0 85.4



#27

1,2-Dichloroethane

Concen: 47.247 ug/L

RT: 6.080 min Scan# 819

Delta R.T. -0.006 min

Lab File: VX035157.D

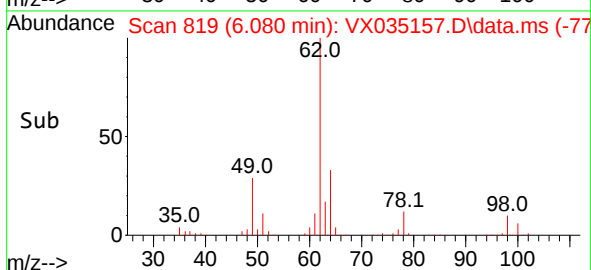
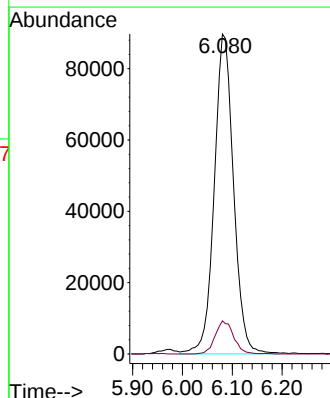
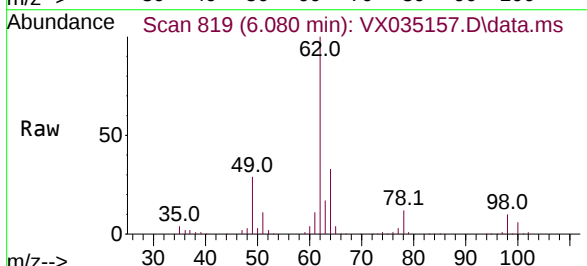
Acq: 19 Apr 2023 09:55

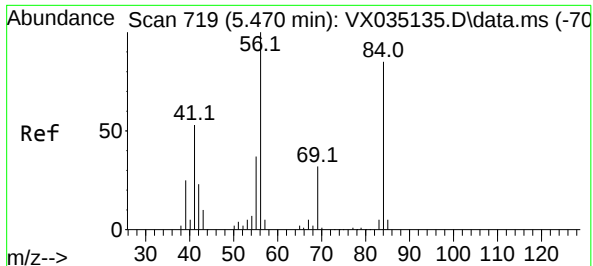
Tgt Ion: 62 Resp: 240668

Ion Ratio Lower Upper

62 100

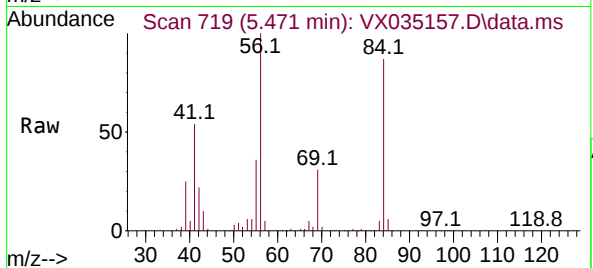
98 10.3 7.8 11.8



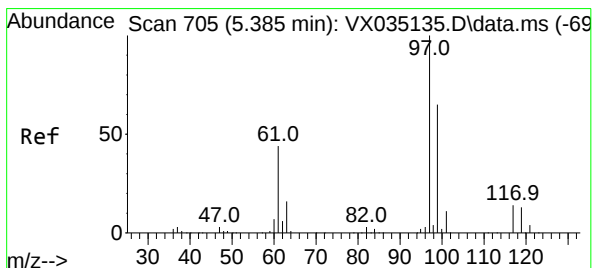
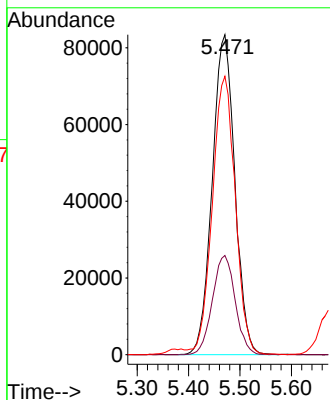
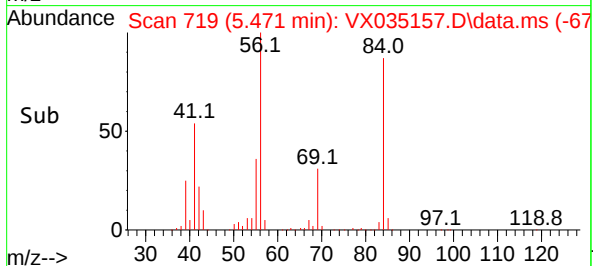


#29
Cyclohexane
Concen: 45.437 ug/L
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX035157.D
Acq: 19 Apr 2023 09:55

Instrument :
MSVOA_X
ClientSampleId :

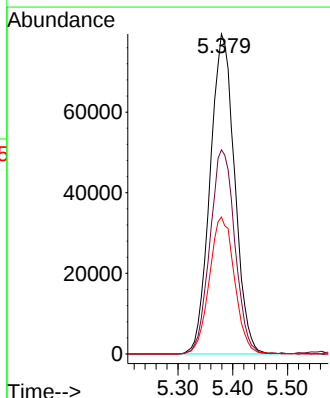
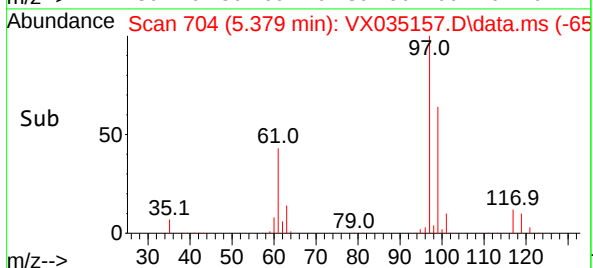
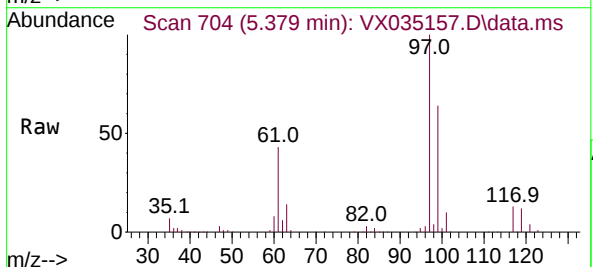


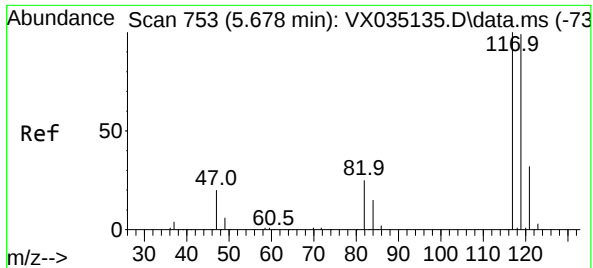
Tgt Ion: 56 Resp: 254692
Ion Ratio Lower Upper
56 100
69 31.2 25.1 37.7
84 88.0 70.1 105.1



#30
1,1,1-Trichloroethane
Concen: 45.373 ug/L
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035157.D
Acq: 19 Apr 2023 09:55

Tgt Ion: 97 Resp: 246873
Ion Ratio Lower Upper
97 100
99 64.7 50.6 75.8
61 43.8 34.9 52.3

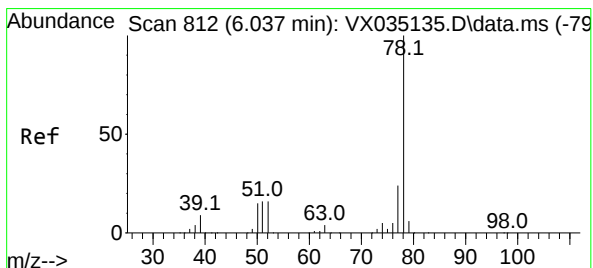
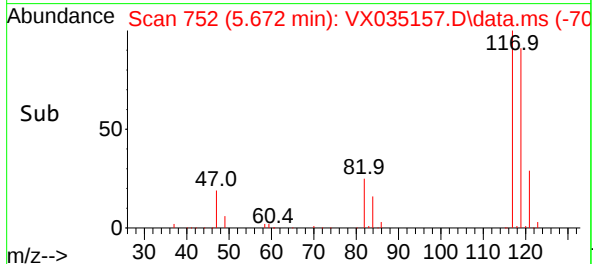
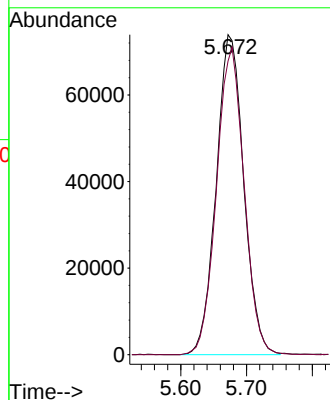
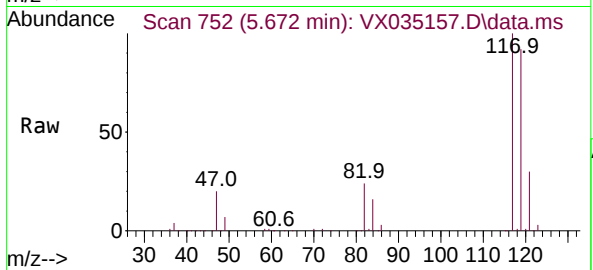




#31
Carbon tetrachloride
Concen: 46.702 ug/L
RT: 5.672 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX035157.D
Acq: 19 Apr 2023 09:55

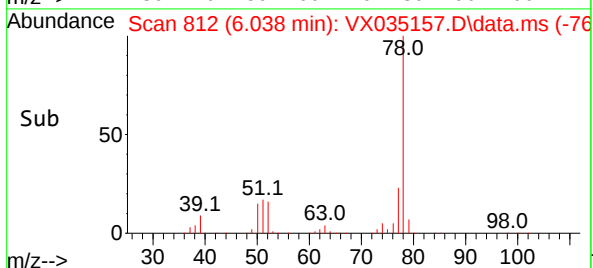
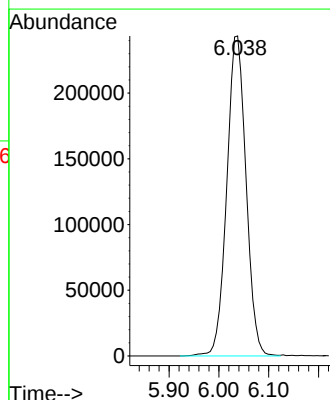
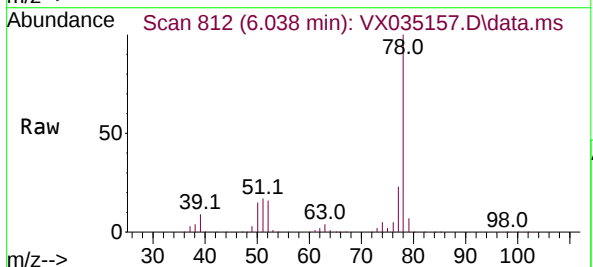
Instrument :
MSVOA_X
ClientSampleId :

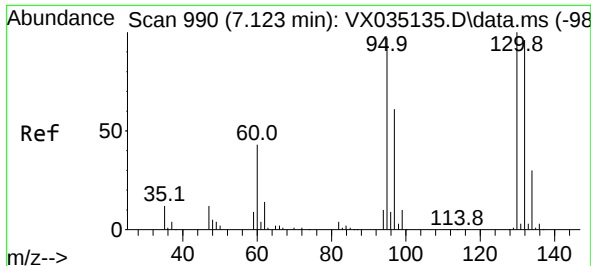
Tgt Ion:117 Resp: 215471
Ion Ratio Lower Upper
117 100
119 96.2 77.1 115.7



#33
Benzene
Concen: 46.432 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035157.D
Acq: 19 Apr 2023 09:55

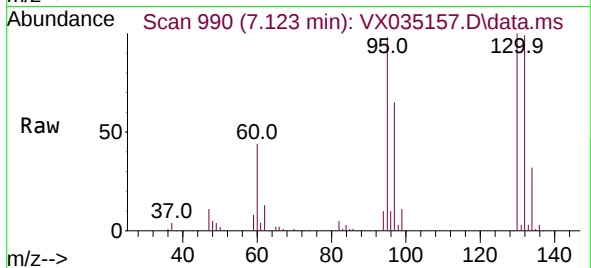
Tgt Ion: 78 Resp: 652329



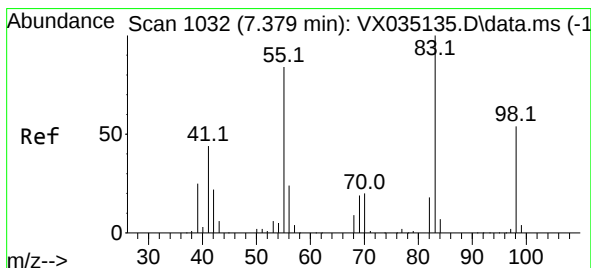
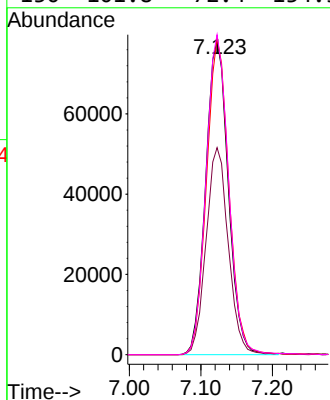
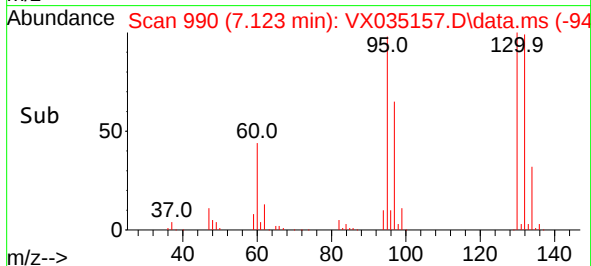


#34
Trichloroethene
Concen: 46.010 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX035157.D
Acq: 19 Apr 2023 09:55

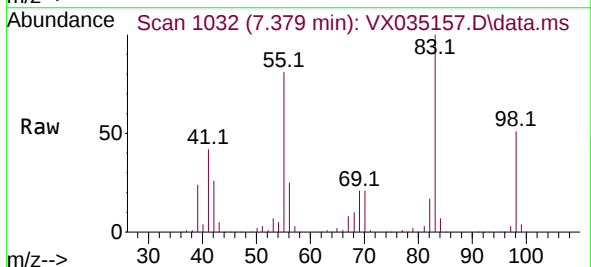
Instrument :
MSVOA_X
ClientSampleId :



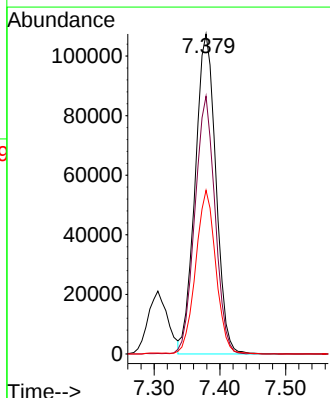
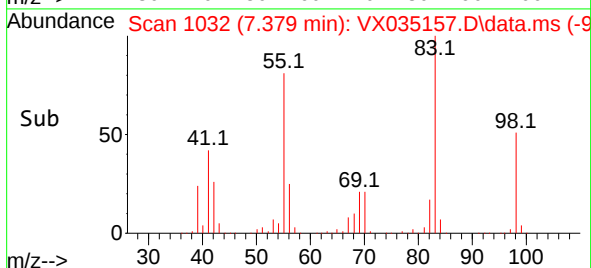
Tgt Ion: 95 Resp: 171952
Ion Ratio Lower Upper
95 100
97 65.8 45.6 84.8
132 100.7 69.7 129.4
130 101.8 72.4 134.5

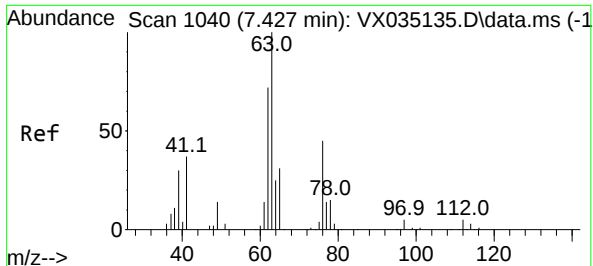


#35
Methylcyclohexane
Concen: 46.826 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX035157.D
Acq: 19 Apr 2023 09:55



Tgt Ion: 83 Resp: 235679
Ion Ratio Lower Upper
83 100
55 78.2 62.2 93.2
98 49.7 39.3 58.9





#37

1,2-Dichloropropane

Concen: 47.539 ug/L

RT: 7.428 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX035157.D

Acq: 19 Apr 2023 09:55

Instrument :

MSVOA_X

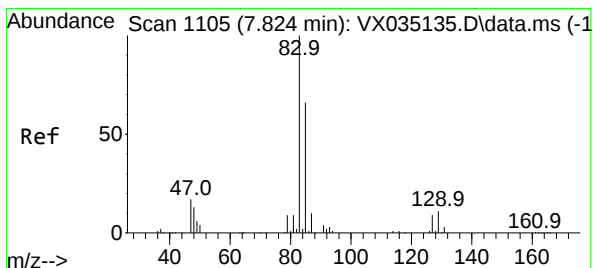
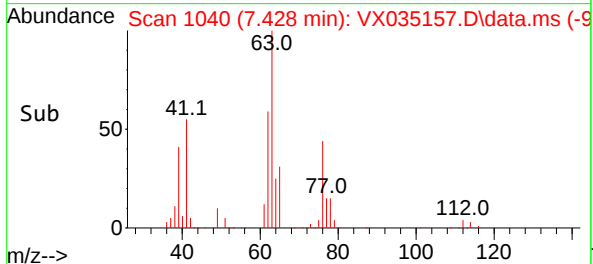
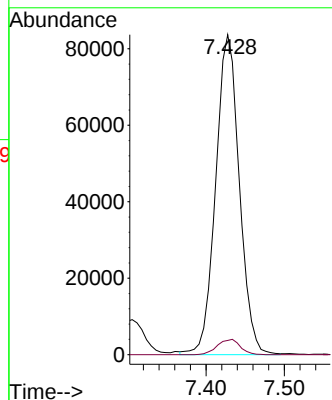
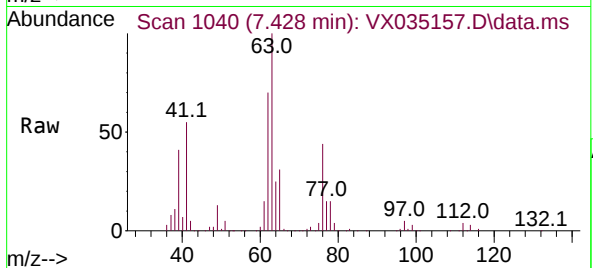
ClientSampleId :

Tgt Ion: 63 Resp: 175840

Ion Ratio Lower Upper

63 100

112 4.7 3.7 5.5



#38

Bromodichloromethane

Concen: 47.871 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX035157.D

Acq: 19 Apr 2023 09:55

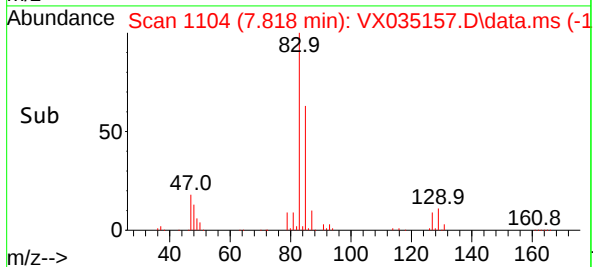
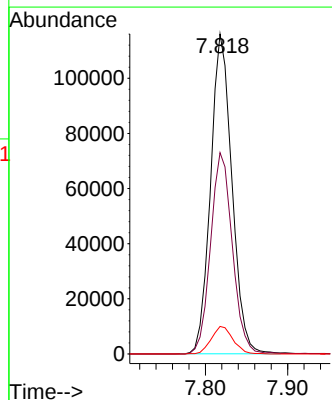
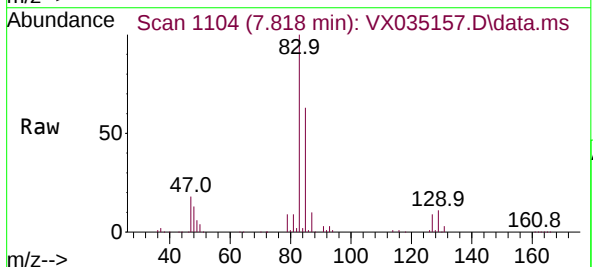
Tgt Ion: 83 Resp: 209215

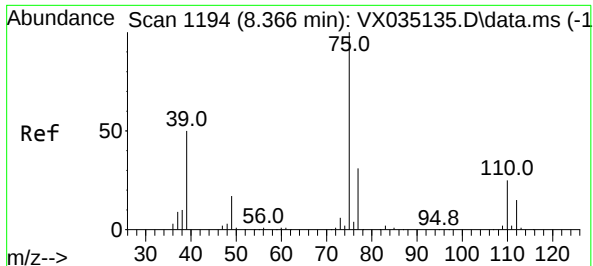
Ion Ratio Lower Upper

83 100

85 62.9 44.7 82.9

127 8.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 49.412 ug/L

RT: 8.360 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX035157.D

Acq: 19 Apr 2023 09:55

Instrument :

MSVOA_X

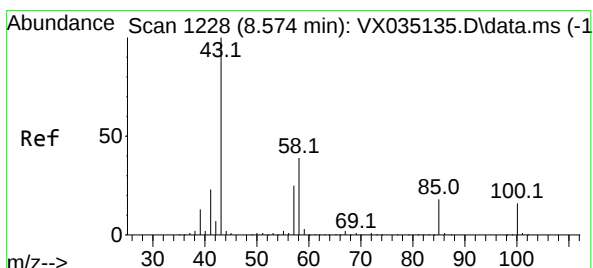
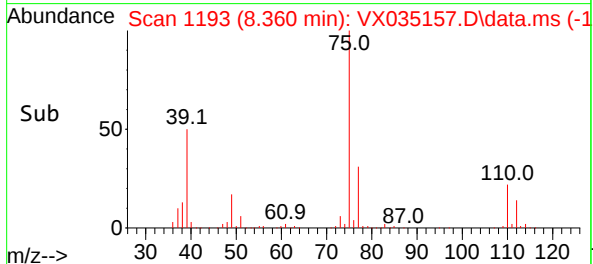
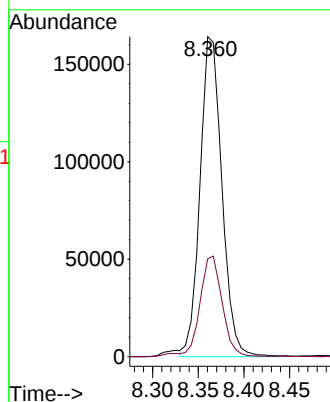
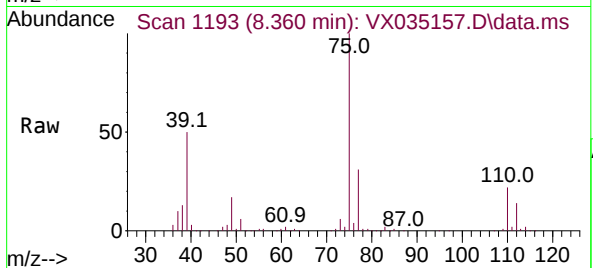
ClientSampleId :

Tgt Ion: 75 Resp: 273281

Ion Ratio Lower Upper

75 100

77 30.6 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 93.903 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX035157.D

Acq: 19 Apr 2023 09:55

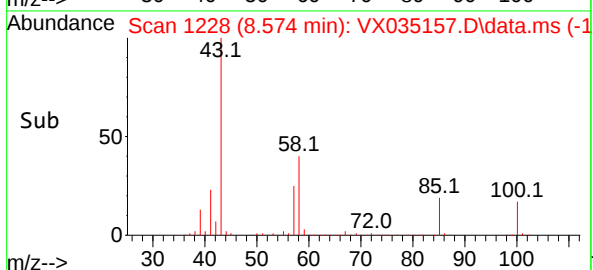
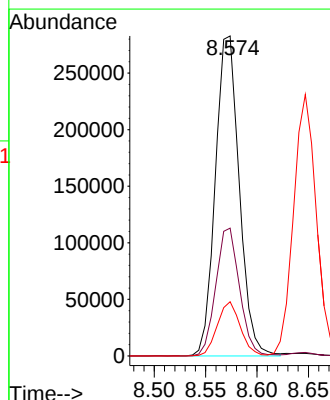
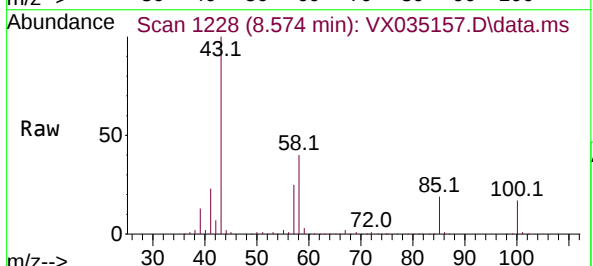
Tgt Ion: 43 Resp: 457869

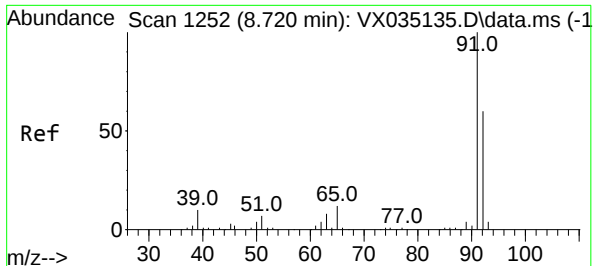
Ion Ratio Lower Upper

43 100

58 39.6 31.5 47.3

100 16.4 12.8 19.2





#42

Toluene

Concen: 47.315 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX035157.D

Acq: 19 Apr 2023 09:55

Instrument :

MSVOA_X

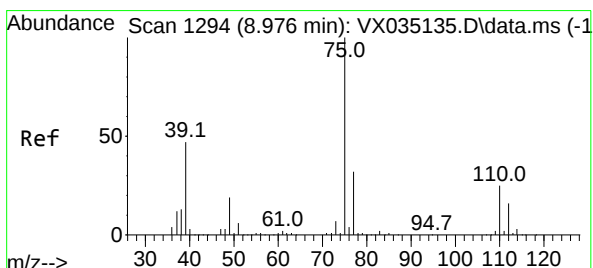
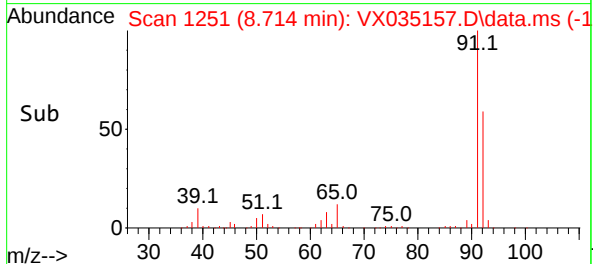
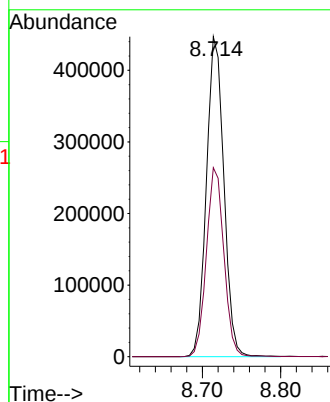
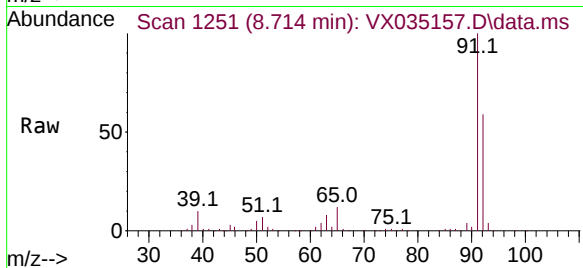
ClientSampleId :

Tgt Ion: 91 Resp: 689667

Ion Ratio Lower Upper

91 100

92 59.1 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 49.317 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX035157.D

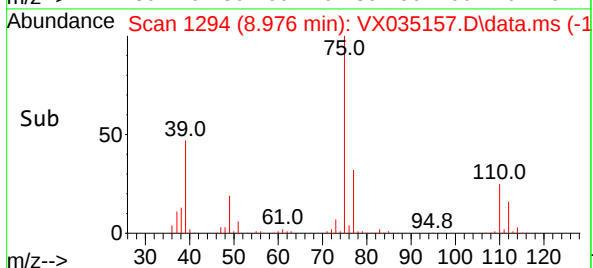
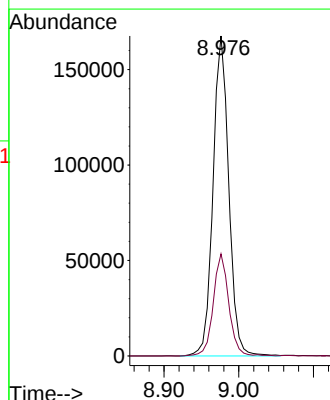
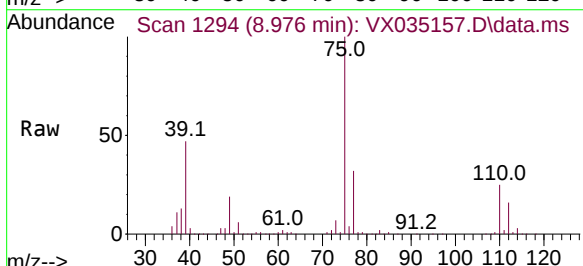
Acq: 19 Apr 2023 09:55

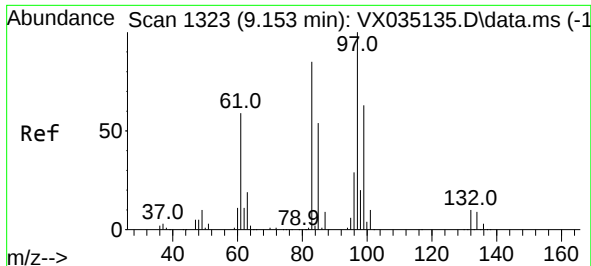
Tgt Ion: 75 Resp: 245767

Ion Ratio Lower Upper

75 100

77 31.9 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 48.459 ug/L

RT: 9.147 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX035157.D

Acq: 19 Apr 2023 09:55

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 170087

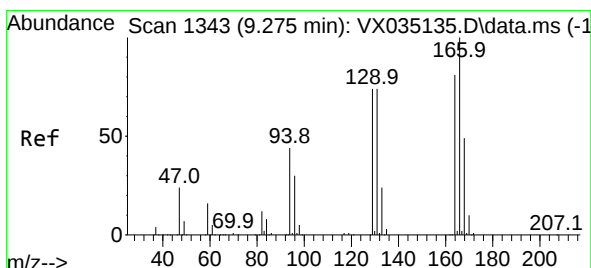
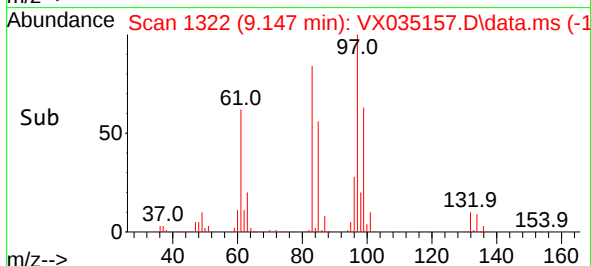
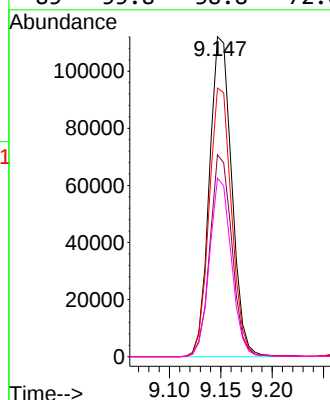
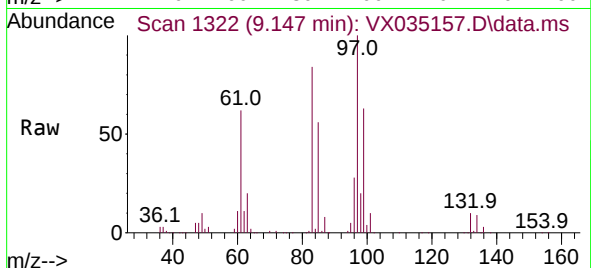
Ion Ratio Lower Upper

97 100

99 63.1 43.8 81.4

83 83.9 59.8 111.0

85 55.8 38.8 72.0



#46

Tetrachloroethene

Concen: 47.704 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX035157.D

Acq: 19 Apr 2023 09:55

Tgt Ion:164 Resp: 132801

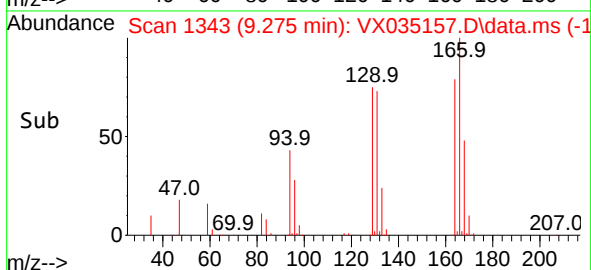
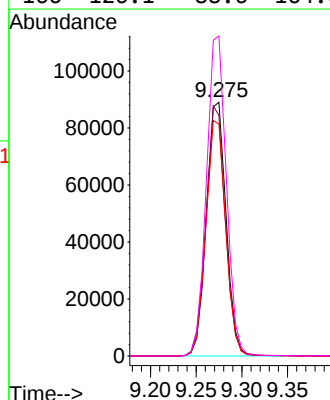
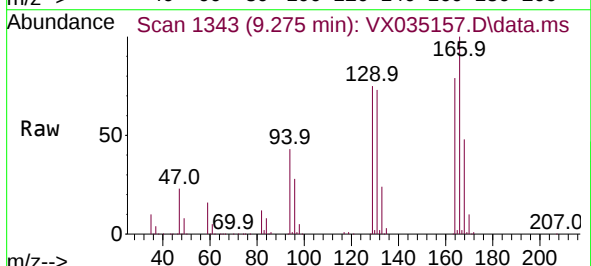
Ion Ratio Lower Upper

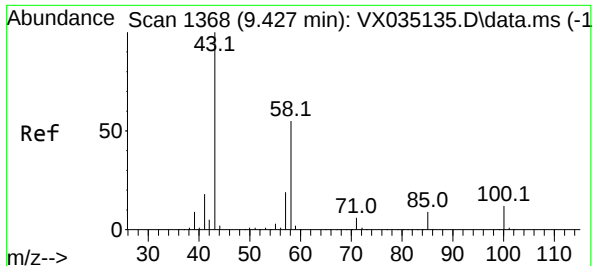
164 100

129 94.7 66.1 122.8

131 91.4 65.0 120.8

166 126.1 88.6 164.6



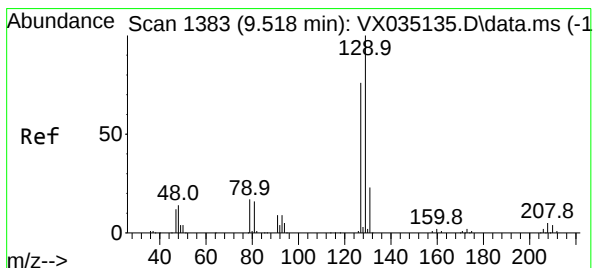
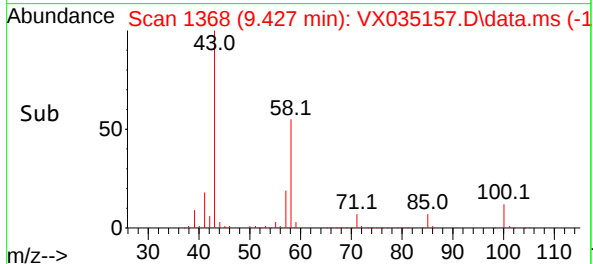
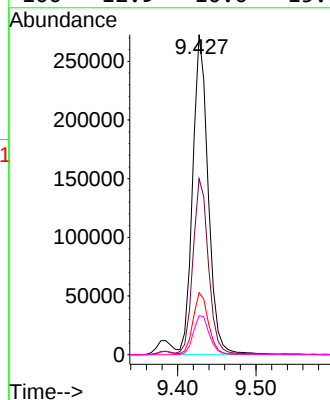
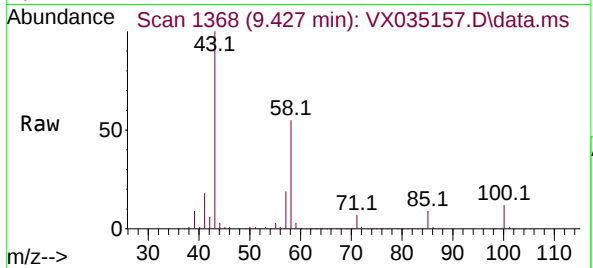


#48
2-Hexanone
Concen: 100.823 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX035157.D
Acq: 19 Apr 2023 09:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 373254

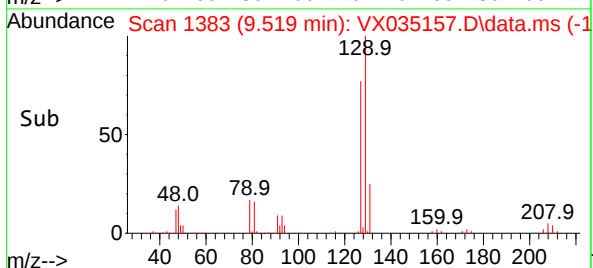
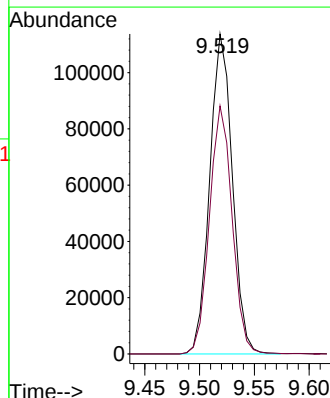
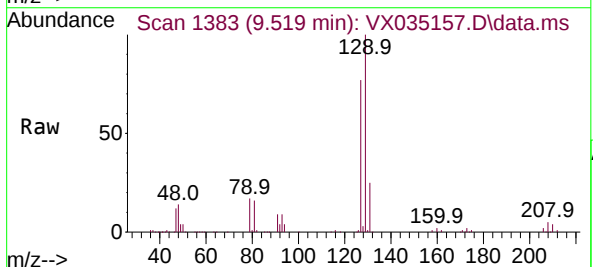
Ion	Ratio	Lower	Upper
43	100		
58	55.8	43.2	64.8
57	19.5	15.4	23.0
100	12.9	10.0	15.0

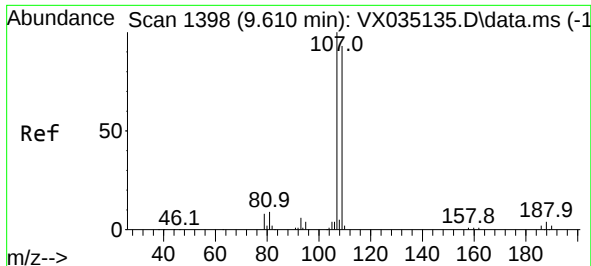


#49
Dibromochloromethane
Concen: 49.030 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX035157.D
Acq: 19 Apr 2023 09:55

Tgt Ion: 129 Resp: 163549

Ion	Ratio	Lower	Upper
129	100		
127	77.5	54.8	101.8





#50

1,2-Dibromoethane

Concen: 48.237 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX035157.D

Acq: 19 Apr 2023 09:55

Instrument :

MSVOA_X

ClientSampleId :

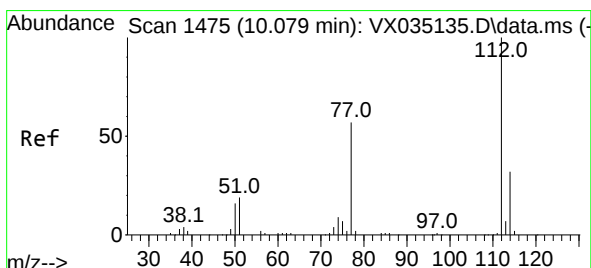
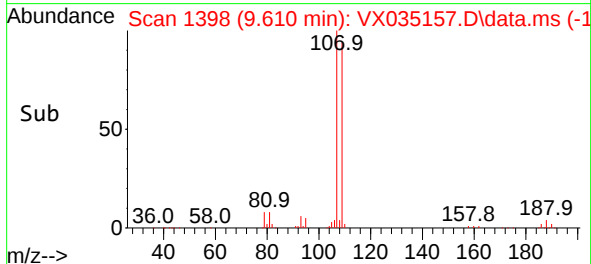
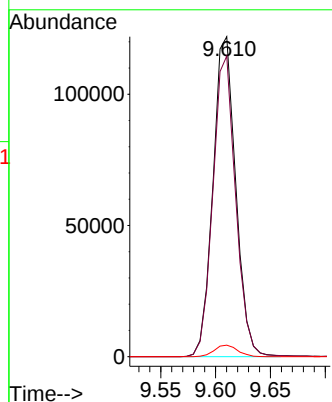
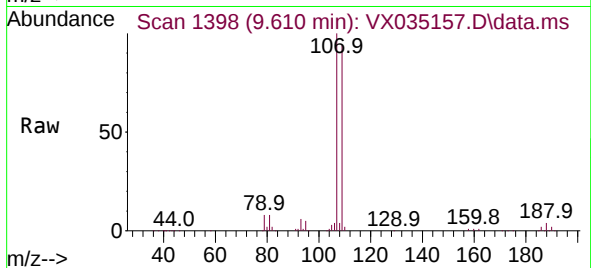
Tgt Ion:107 Resp: 176170

Ion Ratio Lower Upper

107 100

109 94.0 65.6 121.8

188 3.6 3.3 4.9



#51

Chlorobenzene

Concen: 47.826 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX035157.D

Acq: 19 Apr 2023 09:55

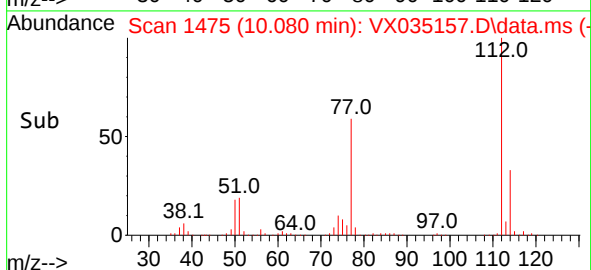
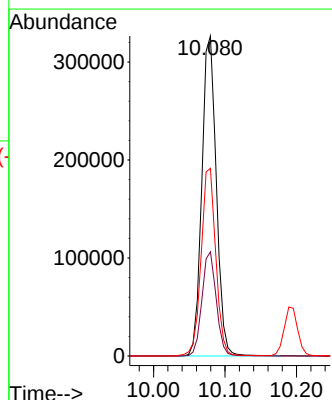
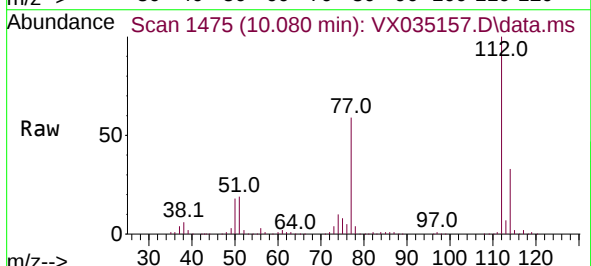
Tgt Ion:112 Resp: 459274

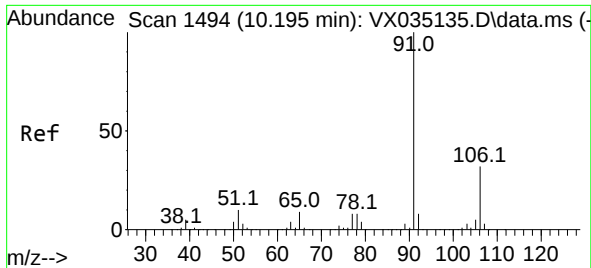
Ion Ratio Lower Upper

112 100

114 32.6 22.4 41.6

77 58.7 47.0 70.6

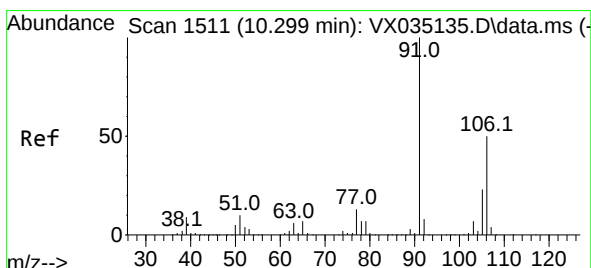
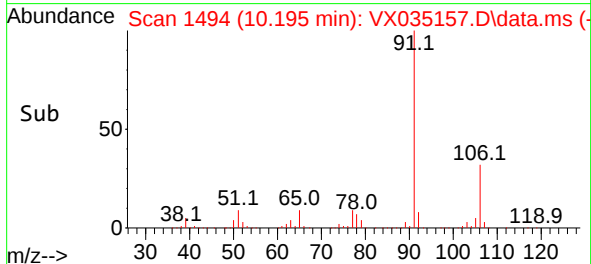
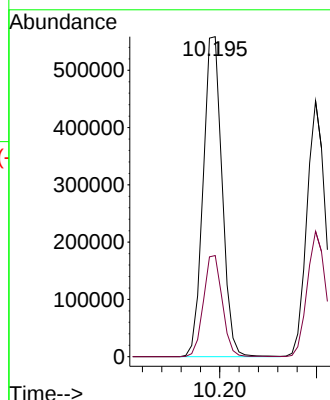
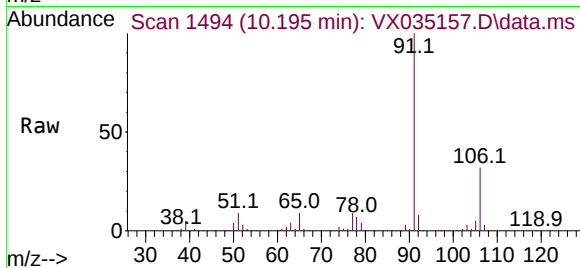




#52
Ethylbenzene
Concen: 47.276 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035157.D
Acq: 19 Apr 2023 09:55

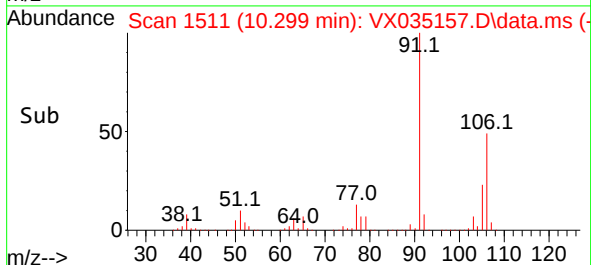
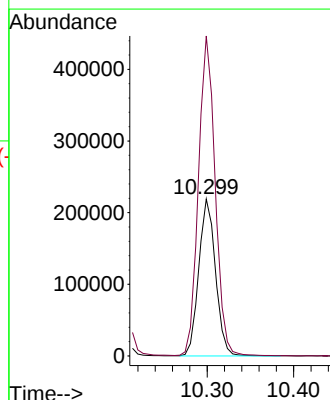
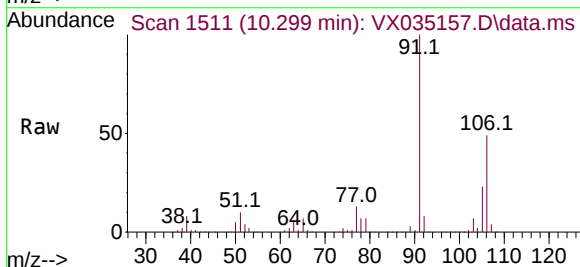
Instrument :
MSVOA_X
ClientSampleId :

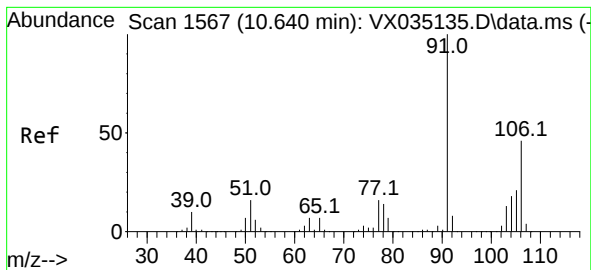
Tgt Ion: 91 Resp: 761750
Ion Ratio Lower Upper
91 100
106 31.6 22.6 42.0



#53
m,p-Xylene
Concen: 47.690 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035157.D
Acq: 19 Apr 2023 09:55

Tgt Ion: 106 Resp: 294252
Ion Ratio Lower Upper
106 100
91 203.9 142.7 264.9





#54

o-Xylene

Concen: 47.540 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX035157.D

Acq: 19 Apr 2023 09:55

Instrument :

MSVOA_X

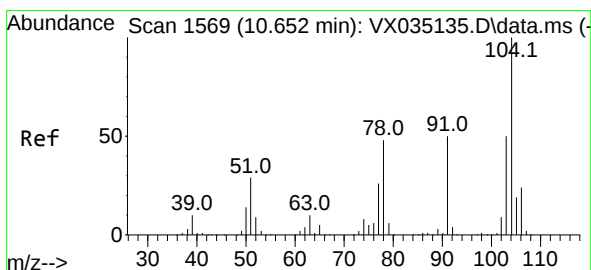
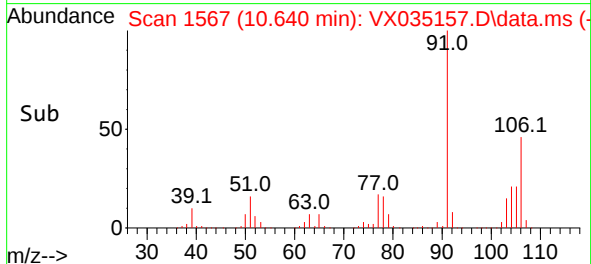
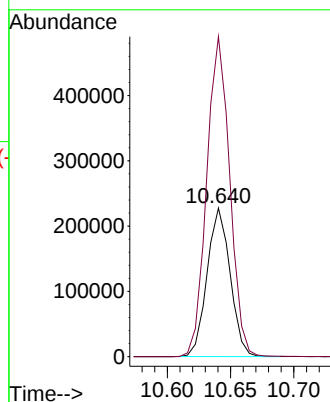
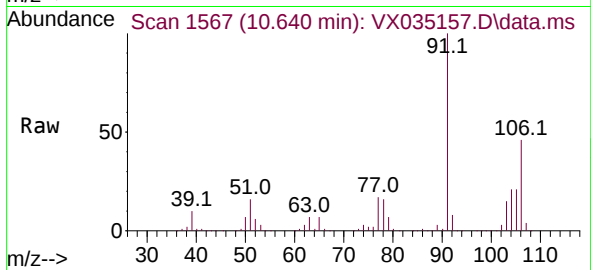
ClientSampleId :

Tgt Ion:106 Resp: 288391

Ion Ratio Lower Upper

106 100

91 215.2 153.9 285.7



#55

Styrene

Concen: 48.264 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX035157.D

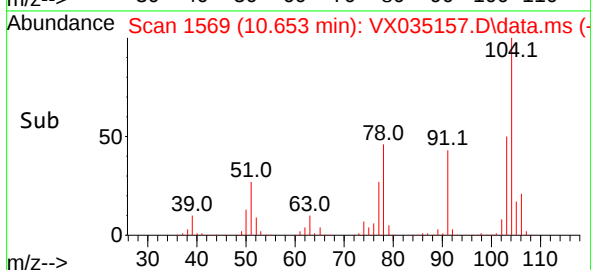
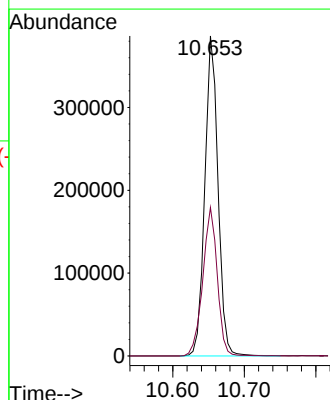
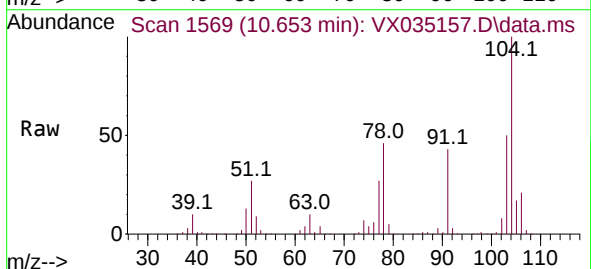
Acq: 19 Apr 2023 09:55

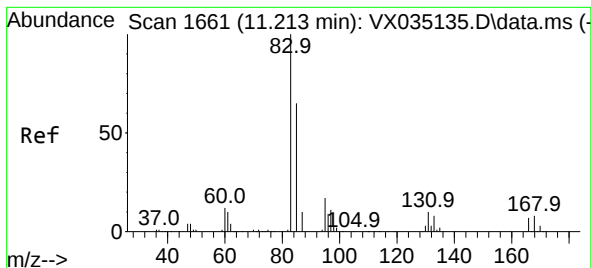
Tgt Ion:104 Resp: 496053

Ion Ratio Lower Upper

104 100

78 46.4 33.5 62.3

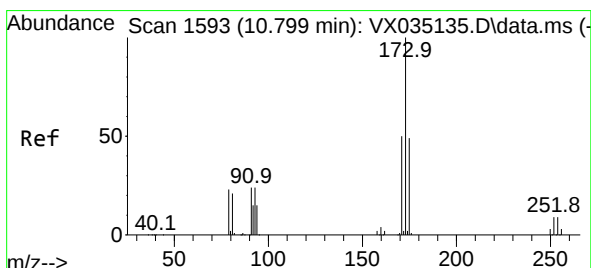
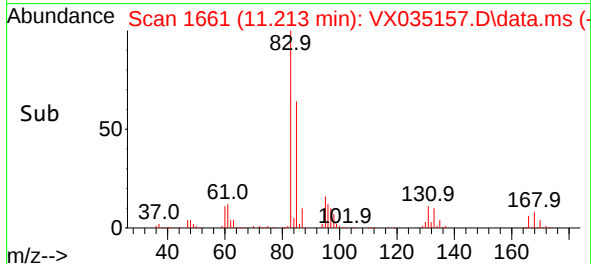
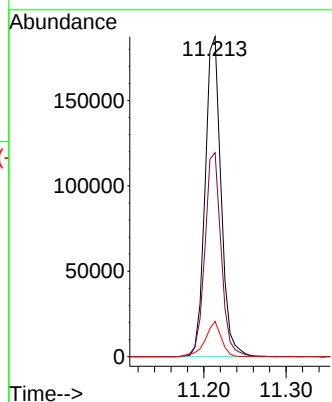
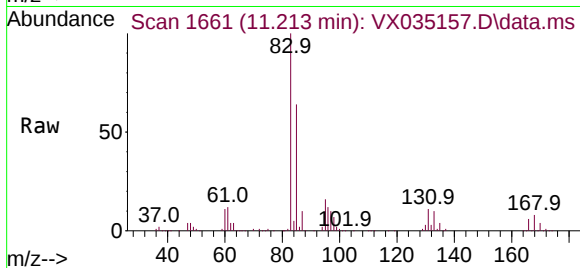




#57
1,1,2,2-Tetrachloroethane
Concen: 48.574 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035157.D
Acq: 19 Apr 2023 09:55

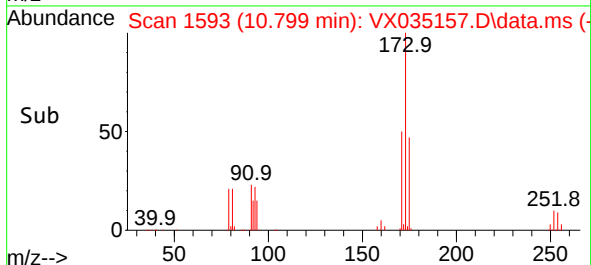
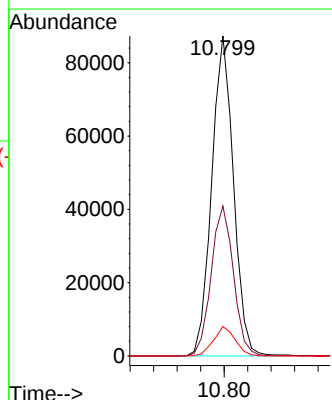
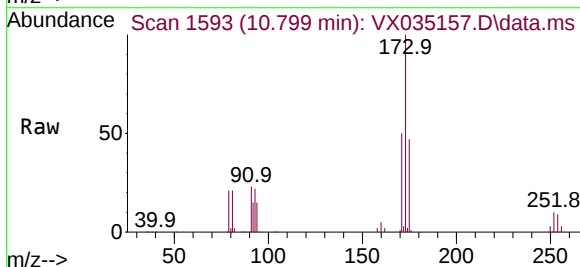
Instrument :
MSVOA_X
ClientSampleId :

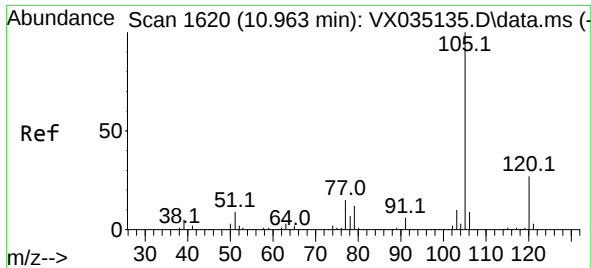
Tgt Ion: 83 Resp: 251267
Ion Ratio Lower Upper
83 100
85 63.7 46.0 85.4
131 11.1 8.3 12.5



#59
Bromoform
Concen: 47.922 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX035157.D
Acq: 19 Apr 2023 09:55

Tgt Ion: 173 Resp: 112365
Ion Ratio Lower Upper
173 100
175 48.0 38.2 57.4
254 9.2 7.4 11.0

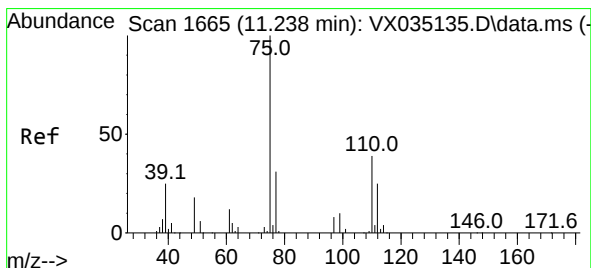
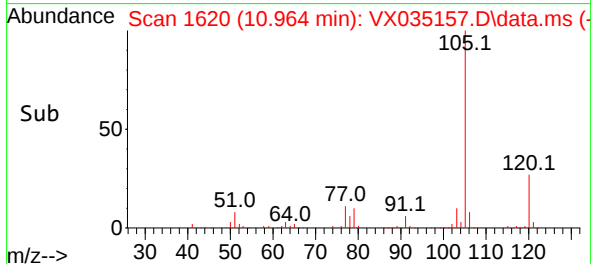
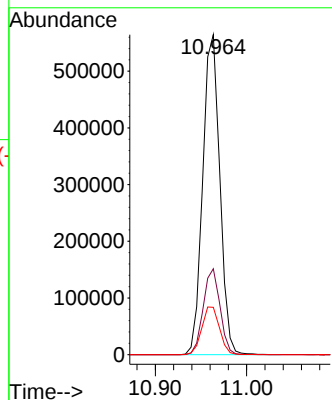
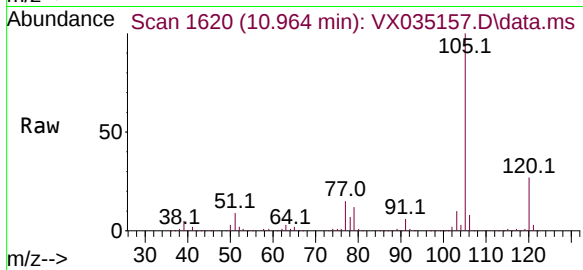




#60
Isopropylbenzene
Concen: 47.183 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035157.D
Acq: 19 Apr 2023 09:55

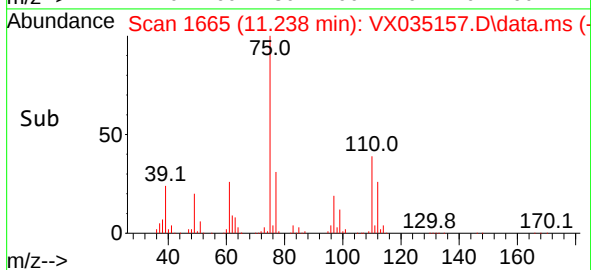
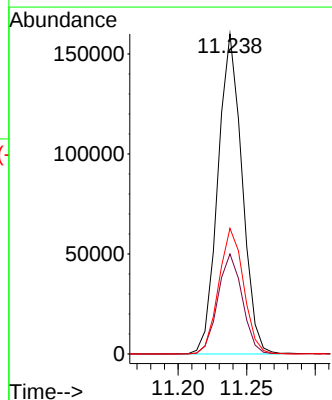
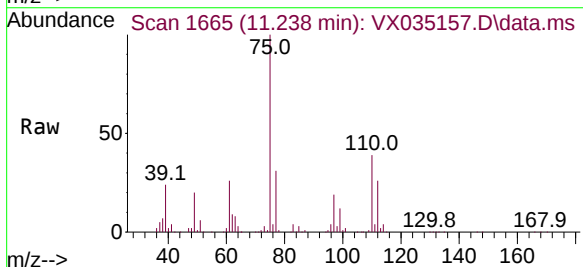
Instrument :
MSVOA_X
ClientSampleId :

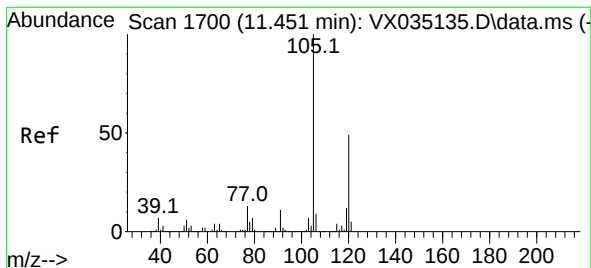
Tgt Ion:105 Resp: 730779
Ion Ratio Lower Upper
105 100
120 26.4 21.5 32.3
77 15.5 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 46.609 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX035157.D
Acq: 19 Apr 2023 09:55

Tgt Ion: 75 Resp: 196009
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4
110 40.3 32.5 48.7

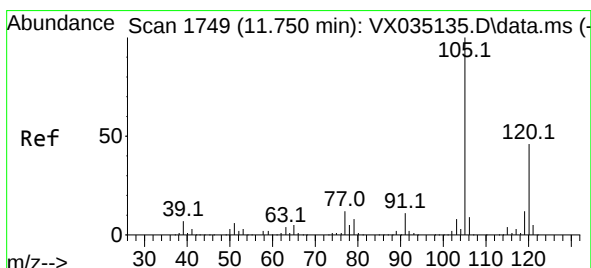
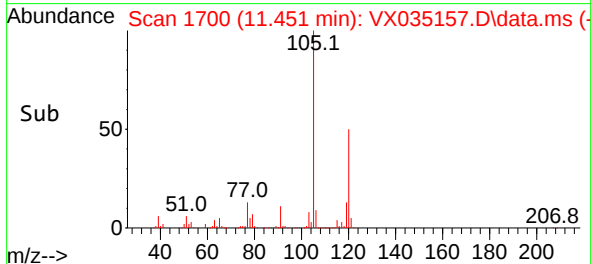
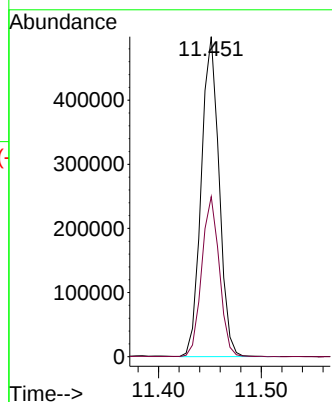
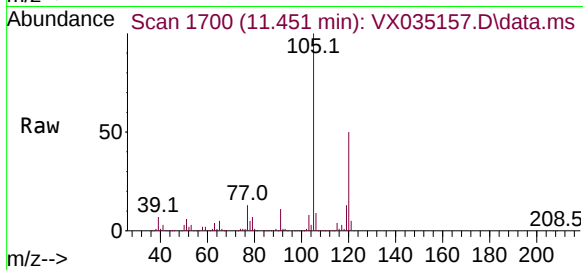




#62
 1,3,5-Trimethylbenzene
 Concen: 47.643 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX035157.D
 Acq: 19 Apr 2023 09:55

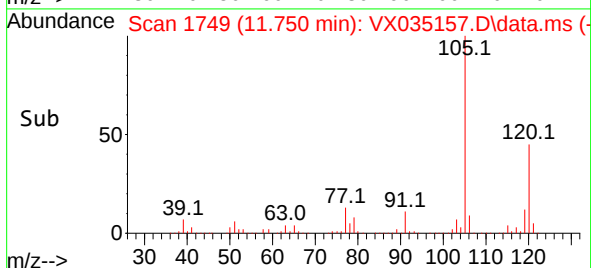
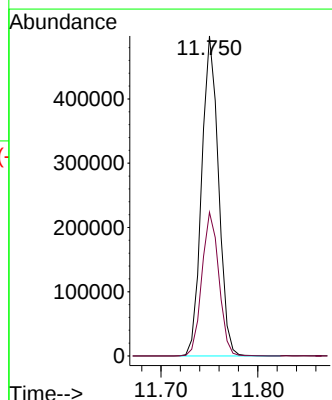
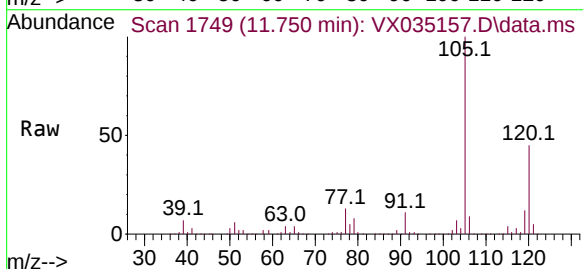
Instrument :
 MSVOA_X
 ClientSampleId :

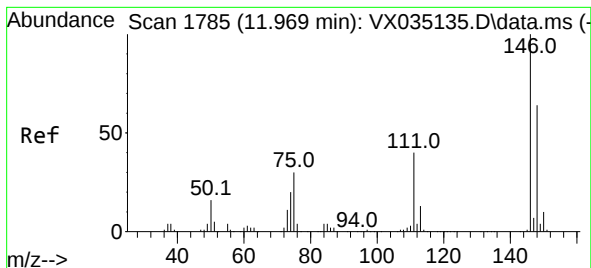
Tgt Ion:105 Resp: 603451
 Ion Ratio Lower Upper
 105 100
 120 49.1 39.5 59.3



#63
 1,2,4-Trimethylbenzene
 Concen: 47.935 ug/L
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX035157.D
 Acq: 19 Apr 2023 09:55

Tgt Ion:105 Resp: 603715
 Ion Ratio Lower Upper
 105 100
 120 45.2 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 47.249 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035157.D

Acq: 19 Apr 2023 09:55

Instrument :

MSVOA_X

ClientSampleId :

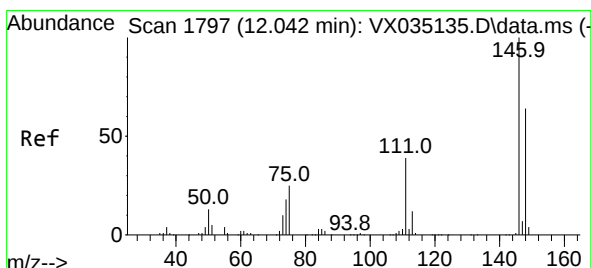
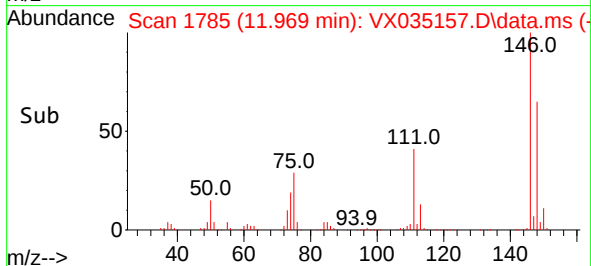
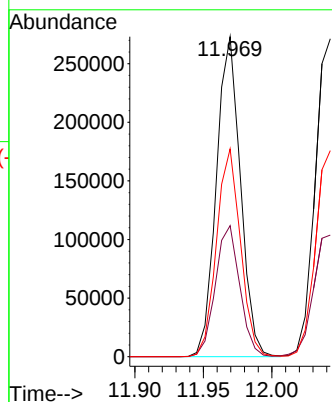
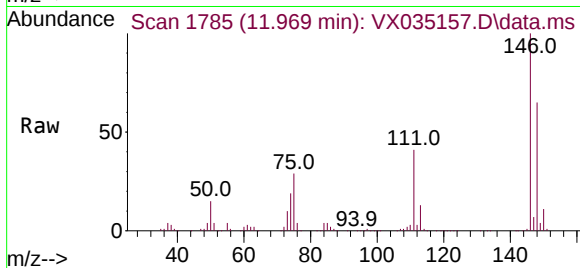
Tgt Ion:146 Resp: 333760

Ion Ratio Lower Upper

146 100

111 40.9 28.9 53.7

148 65.0 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 47.412 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035157.D

Acq: 19 Apr 2023 09:55

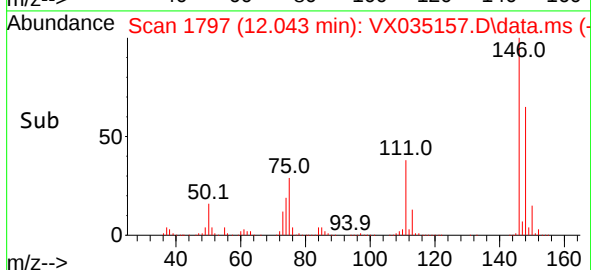
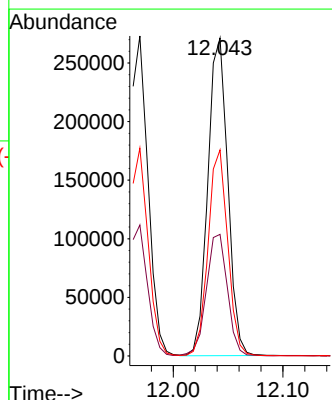
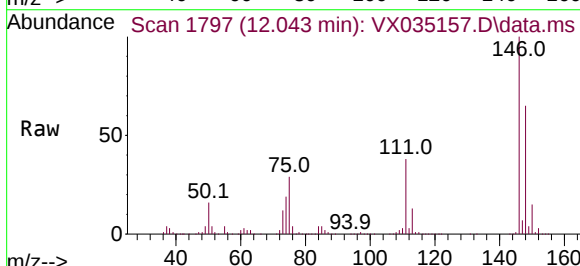
Tgt Ion:146 Resp: 342700

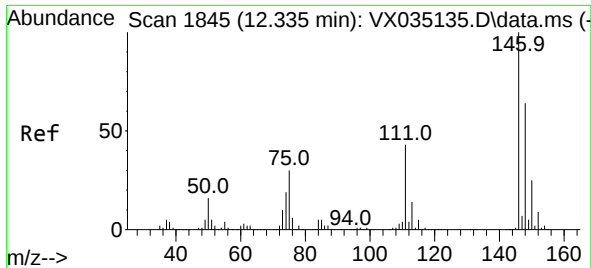
Ion Ratio Lower Upper

146 100

111 38.3 27.9 51.7

148 64.8 45.9 85.3

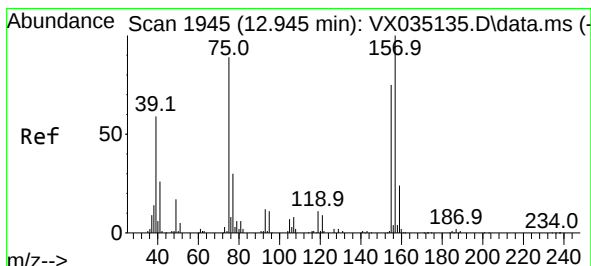
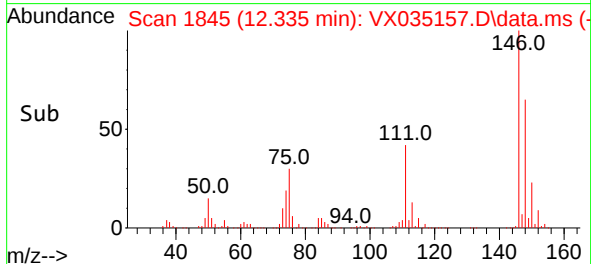
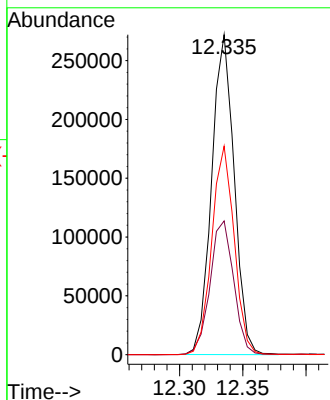
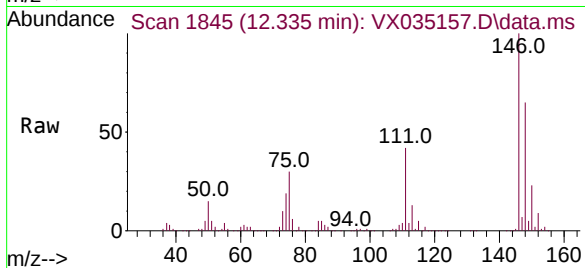




#67
1,2-Dichlorobenzene
Concen: 47.029 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035157.D
Acq: 19 Apr 2023 09:55

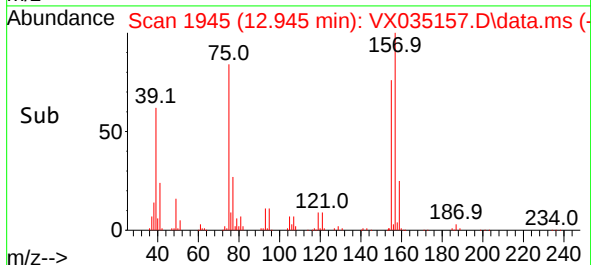
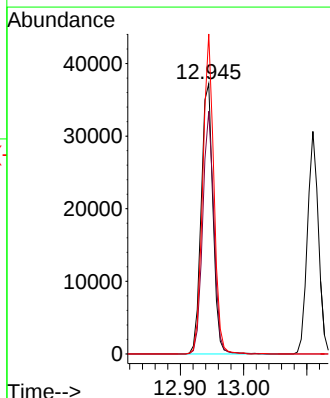
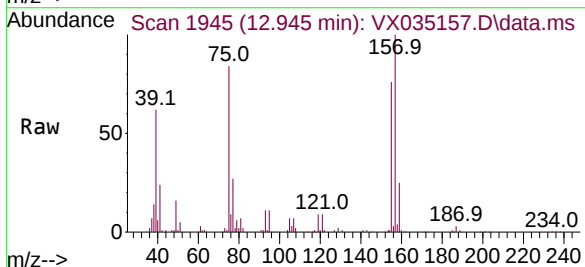
Instrument :
MSVOA_X
ClientSampleId :

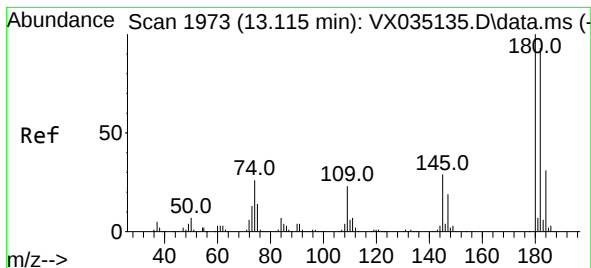
Tgt Ion:146 Resp: 336839
Ion Ratio Lower Upper
146 100
111 41.8 34.7 52.1
148 65.1 52.1 78.1



#68
1,2-Dibromo-3-chloropropane
Concen: 46.533 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX035157.D
Acq: 19 Apr 2023 09:55

Tgt Ion: 75 Resp: 48286
Ion Ratio Lower Upper
75 100
155 89.8 69.9 104.9
157 118.4 90.4 135.6





#69

1,3,5-Trichlorobenzene

Concen: 48.596 ug/L

RT: 13.109 min Scan# 1973

Delta R.T. -0.006 min

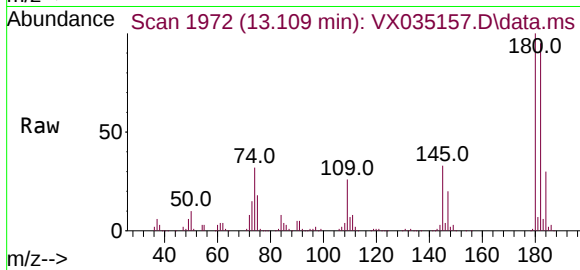
Lab File: VX035157.D

Acq: 19 Apr 2023 09:55

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 212217

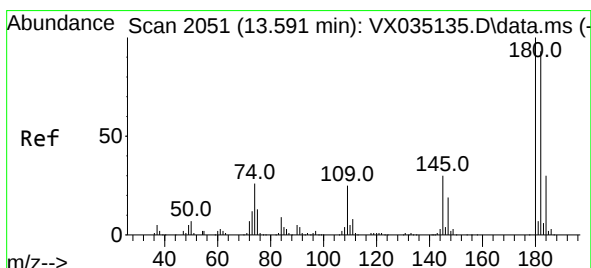
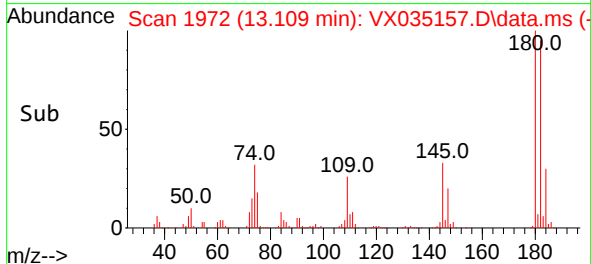
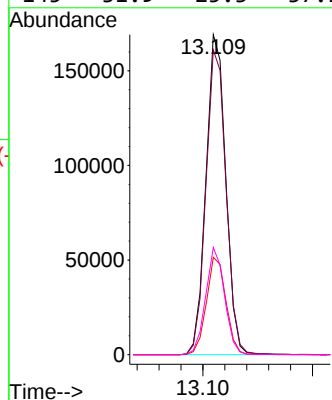
Ion Ratio Lower Upper

180 100

182 96.5 75.4 113.0

184 30.1 23.8 35.8

145 31.9 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 49.492 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX035157.D

Acq: 19 Apr 2023 09:55

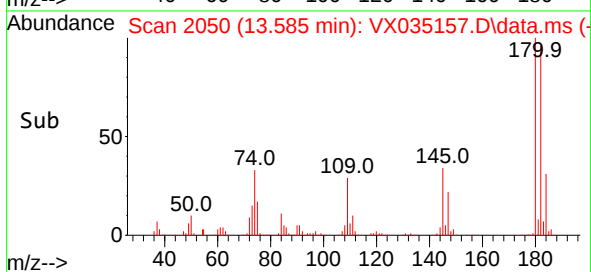
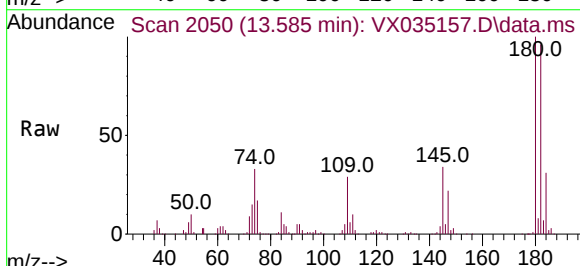
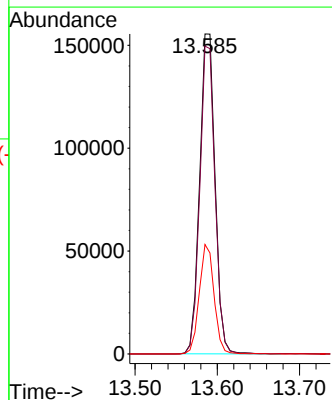
Tgt Ion:180 Resp: 202376

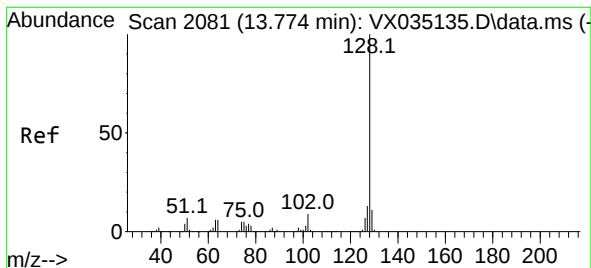
Ion Ratio Lower Upper

180 100

182 94.8 76.6 114.8

145 32.9 26.2 39.4





#71

Naphthalene

Concen: 48.437 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX035157.D

Acq: 19 Apr 2023 09:55

Instrument :

MSVOA_X

ClientSampleId :

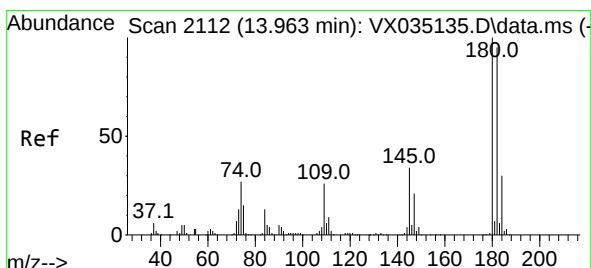
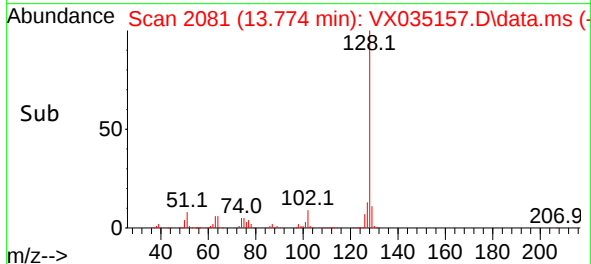
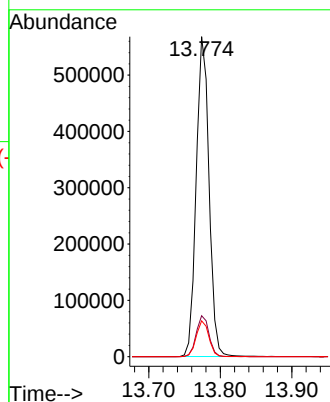
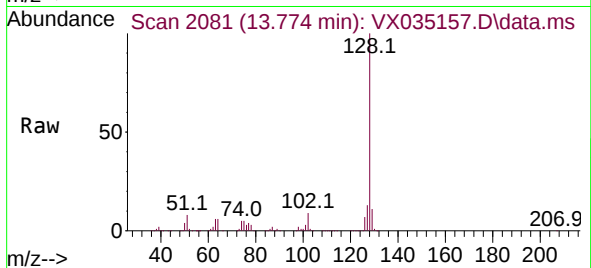
Tgt Ion:128 Resp: 705508

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.1 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 49.439 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX035157.D

Acq: 19 Apr 2023 09:55

Tgt Ion:180 Resp: 199571

Ion Ratio Lower Upper

180 100

182 95.4 75.0 112.6

145 34.7 27.1 40.7

