

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112023\
 Data File : VW033018.D
 Acq On : 20 Nov 2023 12:14
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 20 23:33:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM112023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 20 23:27:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	356341	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	348329	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	207870	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	90101	48.360	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.720%
7) Chloroethane-d5	1.532	69	68706	47.949	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.900%
11) 1,1-Dichloroethene-d2	2.059	65	36310	47.629	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.260%
21) 2-Butanone-d5	3.783	46	128001	107.981	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.980%
24) Chloroform-d	4.249	84	223803	48.742	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.480%
26) 1,2-Dichloroethane-d4	4.940	65	139233	48.612	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.220%
32) Benzene-d6	4.960	84	418583	51.602	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.200%
36) 1,2-Dichloropropane-d6	5.989	67	118761	51.630	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.260%
41) Toluene-d8	7.243	98	399877	51.640	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.280%
43) trans-1,3-Dichloroprop...	7.551	79	69473	51.735	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.460%
47) 2-Hexanone-d5	8.024	63	107991	113.453	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.450%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	176020	50.271	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.540%
66) 1,2-Dichlorobenzene-d4	11.561	152	189628	51.156	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	169979	44.153	ug/L	98
3) Chloromethane	1.214	50	133576	46.493	ug/L	99
5) Vinyl chloride	1.285	62	122822	46.085	ug/L	100
6) Bromomethane	1.484	94	81960	46.539	ug/L	95
8) Chloroethane	1.548	64	68468	46.447	ug/L	99
9) Trichlorofluoromethane	1.715	101	197533	45.781	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	95189	44.742	ug/L	98
12) 1,1-Dichloroethene	2.072	96	90647	46.145	ug/L	89
13) Acetone	2.108	43	99504	85.791	ug/L	98
14) Carbon disulfide	2.243	76	307469	47.062	ug/L	98
15) Methyl Acetate	2.371	43	98645	48.514	ug/L	97
16) Methylene chloride	2.445	84	126284	45.376	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	120225	47.823	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	391667	49.665	ug/L	99
19) 1,1-Dichloroethane	3.111	63	210600	46.896	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	134069	47.564	ug/L	99
22) 2-Butanone	3.860	43	143774	95.737	ug/L	100
23) Bromochloromethane	4.149	128	72565	46.805	ug/L	98
25) Chloroform	4.275	83	235745	46.641	ug/L	99

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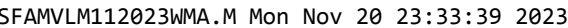
Instrument :
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 ClientSampleId :

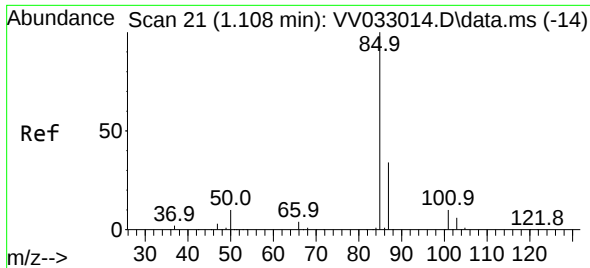
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 Quant Title : VOC Analysis
 QLast Update : Mon Nov 20 23:27:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	185066	46.934	ug/L	99
29) Cyclohexane	4.583	56	166308	49.486	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	218742	48.079	ug/L	99
31) Carbon tetrachloride	4.738	117	198978	46.932	ug/L	99
33) Benzene	5.011	78	477566	49.290	ug/L	100
34) Trichloroethene	5.834	95	133711	48.961	ug/L	100
35) Methylcyclohexane	6.050	83	192825	48.579	ug/L	99
37) 1,2-Dichloropropane	6.091	63	117002	49.199	ug/L	99
38) Bromodichloromethane	6.432	83	179202	48.498	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	211771	51.725	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	276899	106.447	ug/L	99
42) Toluene	7.317	91	534556	49.793	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	208066	50.575	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	131434	49.075	ug/L	100
46) Tetrachloroethene	7.905	164	113059	47.506	ug/L	98
48) 2-Hexanone	8.072	43	219925	106.866	ug/L	98
49) Dibromochloromethane	8.175	129	149055	48.288	ug/L	100
50) 1,2-Dibromoethane	8.281	107	138138	49.247	ug/L	98
51) Chlorobenzene	8.815	112	359843	47.235	ug/L	98
52) Ethylbenzene	8.947	91	601357	48.795	ug/L	99
53) m,p-Xylene	9.072	106	237168	48.981	ug/L	98
54) o-Xylene	9.477	106	229618	49.264	ug/L	98
55) Styrene	9.496	104	417424	50.204	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	188638	49.859	ug/L	98
59) Bromoform	9.664	173	120600	49.783	ug/L	99
60) Isopropylbenzene	9.866	105	631888	50.144	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	147102	49.055	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	507821	50.227	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	536460	50.649	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	327382	48.491	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	338327	47.144	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	323692	47.781	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	45766	52.462	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	254460	48.479	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	241337	50.171	ug/L	99
71) Naphthalene	13.438	128	687888	57.817	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	246399	52.833	ug/L	99

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

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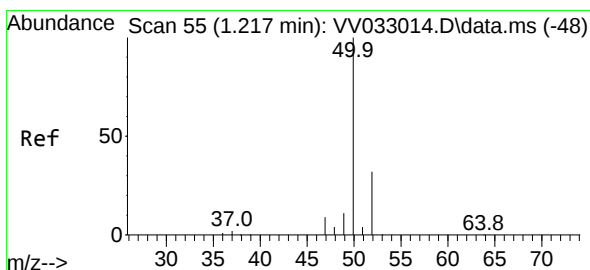
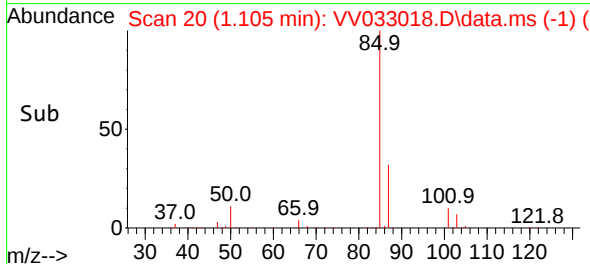
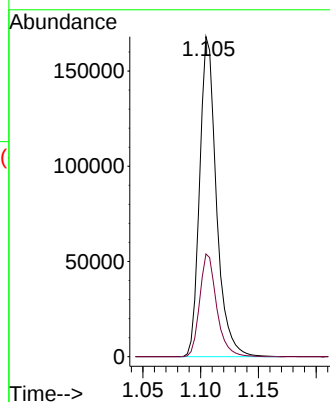
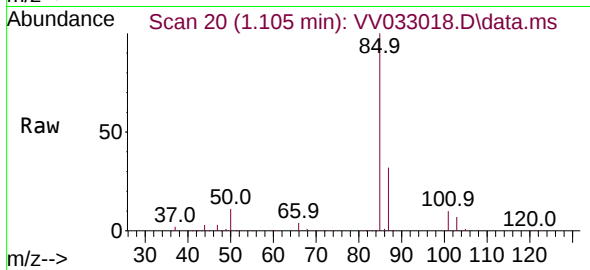




#2
Dichlorodifluoromethane
Concen: 44.153 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV033018.D
Acq: 20 Nov 2023 12:14

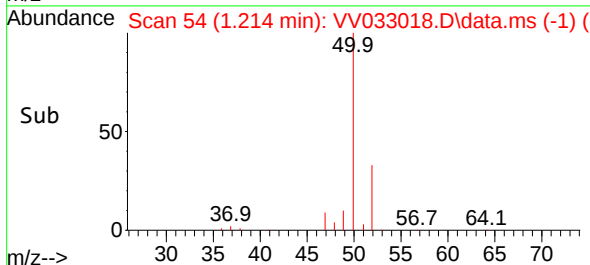
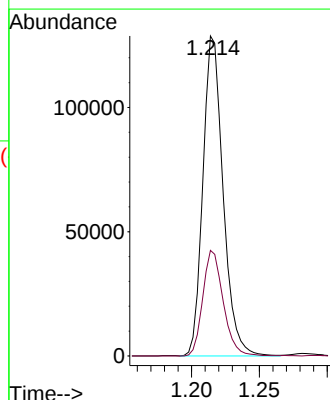
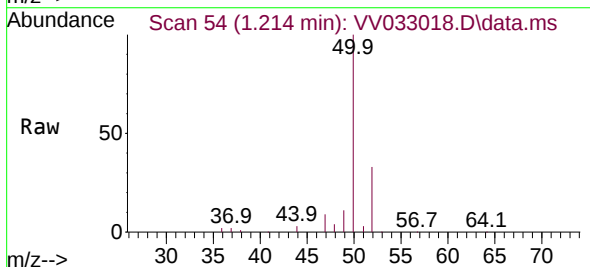
Instrument :
MSVOA_V
ClientSampleId :

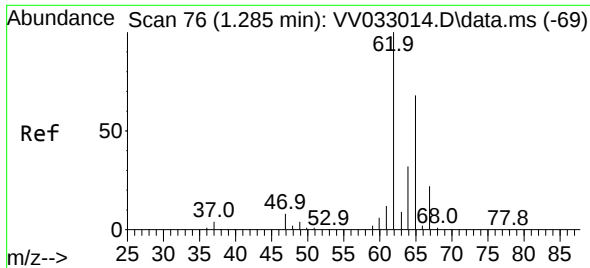
Tgt Ion: 85 Resp: 169979
Ion Ratio Lower Upper
85 100
87 32.4 26.8 40.2



#3
Chloromethane
Concen: 46.493 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV033018.D
Acq: 20 Nov 2023 12:14

Tgt Ion: 50 Resp: 133576
Ion Ratio Lower Upper
50 100
52 33.0 22.7 42.3

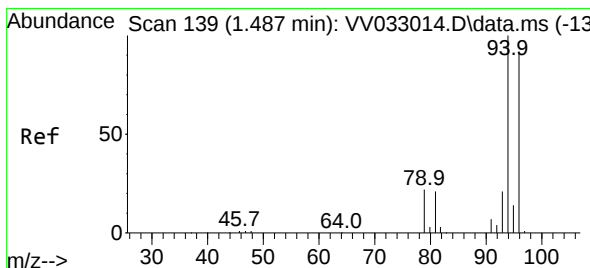
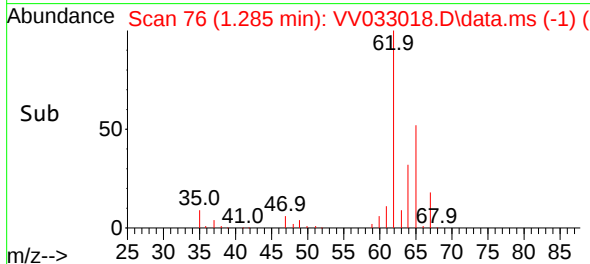
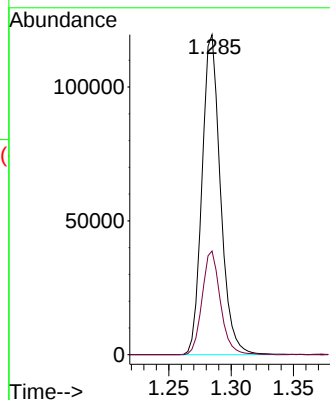
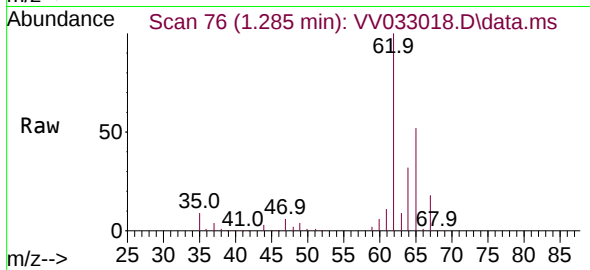




#5
 Vinyl chloride
 Concen: 46.085 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VV033018.D
 Acq: 20 Nov 2023 12:14

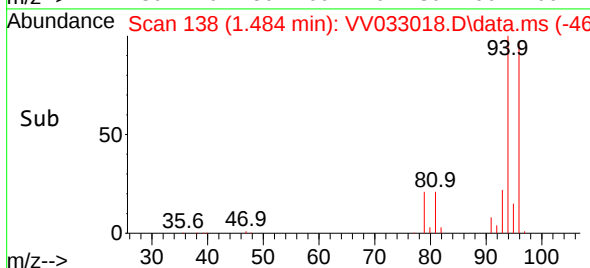
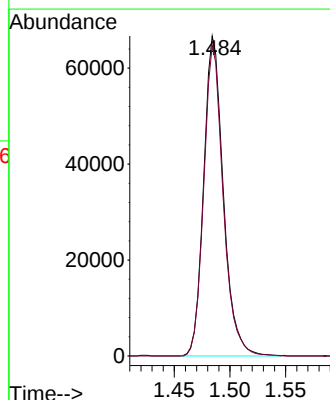
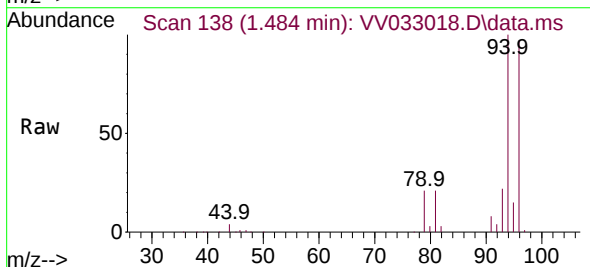
Instrument :
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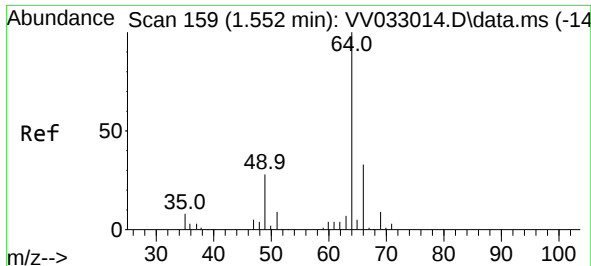
Tgt Ion: 62 Resp: 122822
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.7 42.1



#6
 Bromomethane
 Concen: 46.539 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV033018.D
 Acq: 20 Nov 2023 12:14

Tgt Ion: 94 Resp: 81960
 Ion Ratio Lower Upper
 94 100
 96 97.1 64.4 119.6

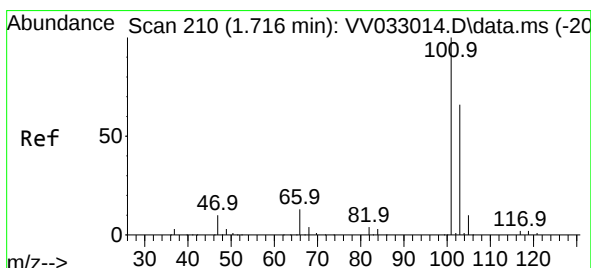
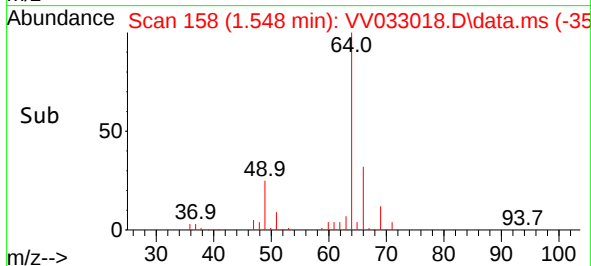
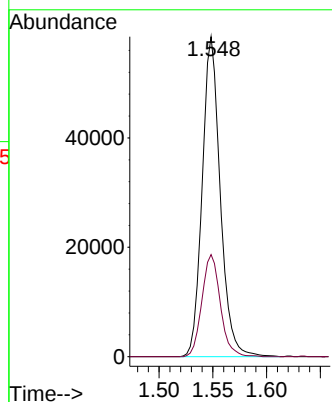
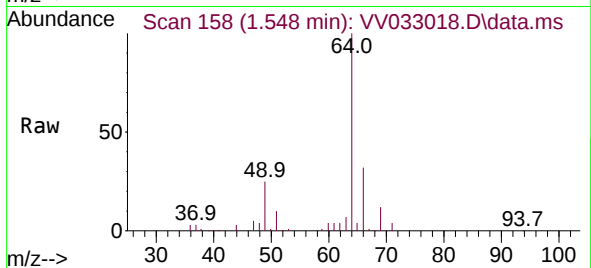




#8
Chloroethane
Concen: 46.447 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV033018.D
Acq: 20 Nov 2023 12:14

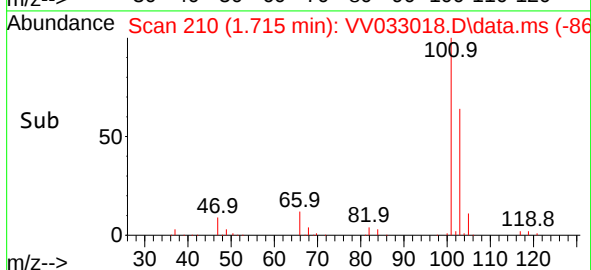
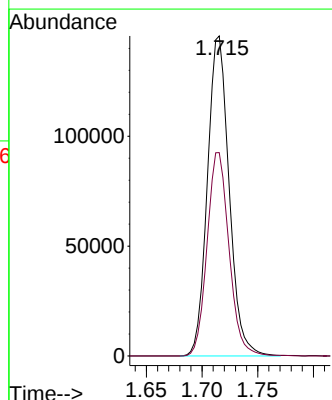
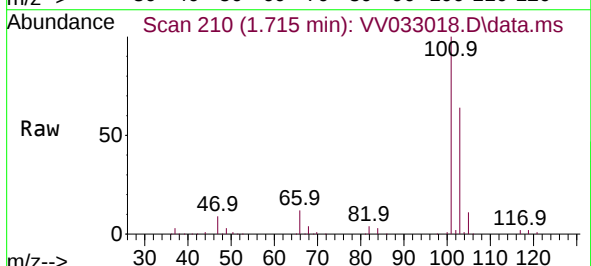
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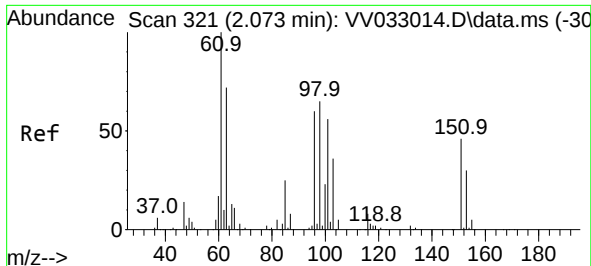
Tgt Ion: 64 Resp: 68468
Ion Ratio Lower Upper
64 100
66 31.9 22.8 42.4



#9
Trichlorofluoromethane
Concen: 45.781 ug/L
RT: 1.715 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV033018.D
Acq: 20 Nov 2023 12:14

Tgt Ion:101 Resp: 197533
Ion Ratio Lower Upper
101 100
103 64.1 52.1 78.1

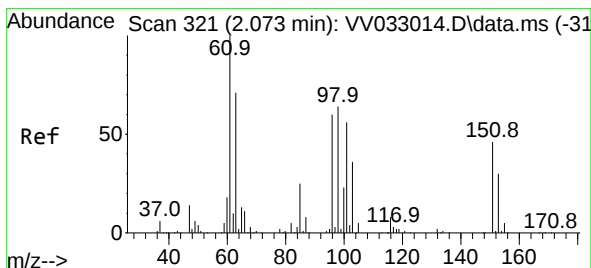
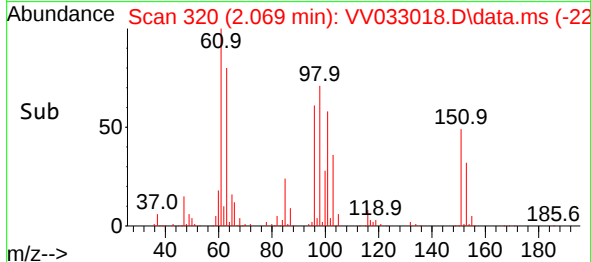
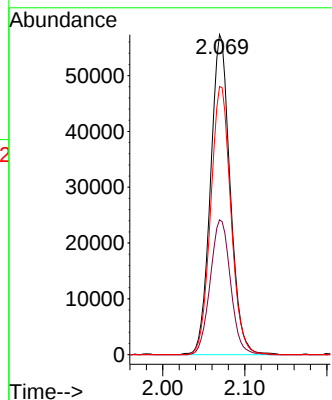
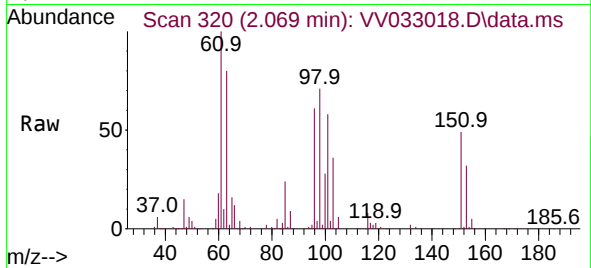




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 44.742 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV033018.D
 Acq: 20 Nov 2023 12:14

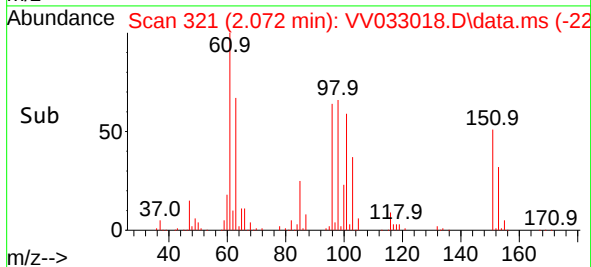
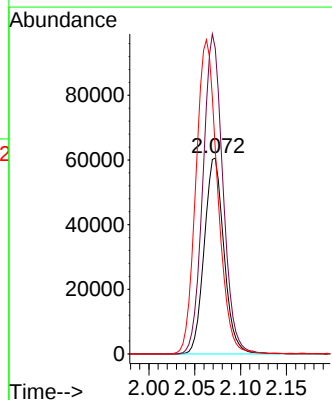
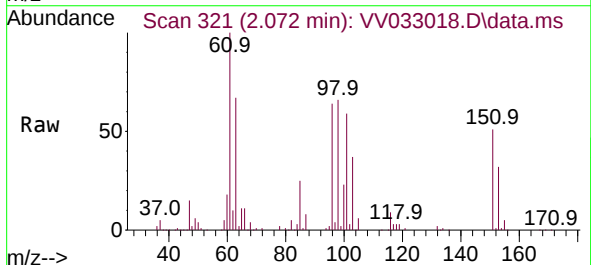
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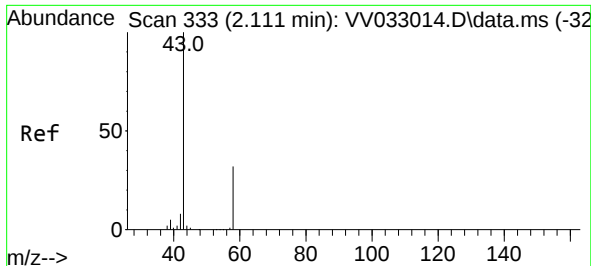
Tgt Ion:101 Resp: 95189
 Ion Ratio Lower Upper
 101 100
 85 43.5 35.5 53.3
 151 86.2 67.0 100.4



#12
 1,1-Dichloroethene
 Concen: 46.145 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV033018.D
 Acq: 20 Nov 2023 12:14

Tgt Ion: 96 Resp: 90647
 Ion Ratio Lower Upper
 96 100
 61 156.1 116.6 216.6
 63 104.7 84.8 157.4





#13

Acetone

Concen: 85.791 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV033018.D

Acq: 20 Nov 2023 12:14

Instrument :

MSVOA_V

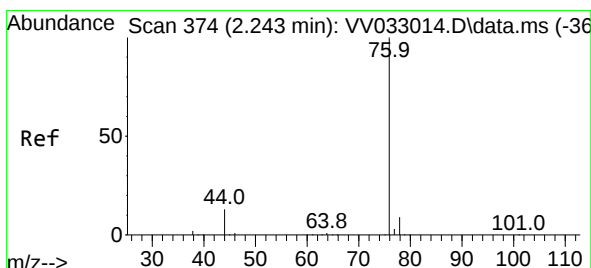
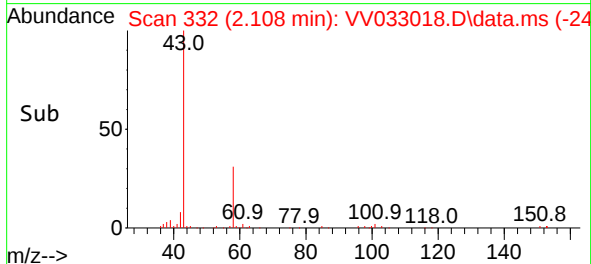
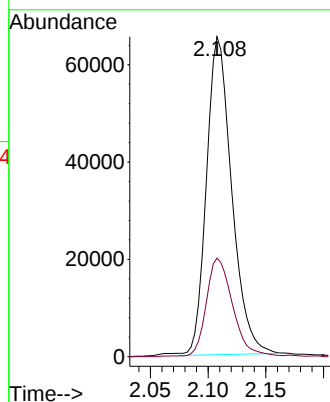
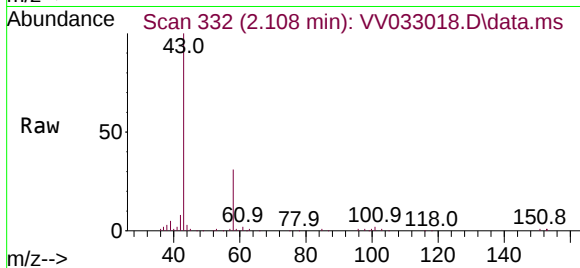
ClientSampleId :

Tgt Ion: 43 Resp: 99504

Ion Ratio Lower Upper

43 100

58 32.3 0.0 62.6



#14

Carbon disulfide

Concen: 47.062 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV033018.D

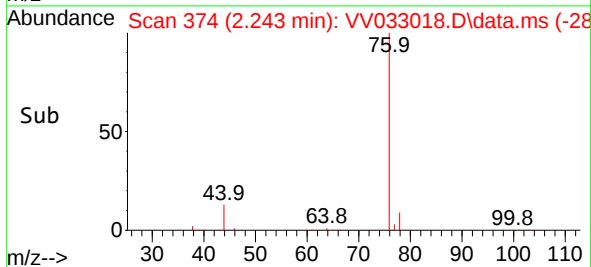
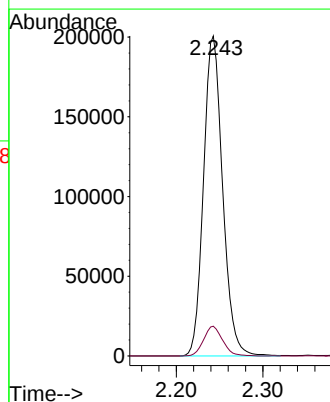
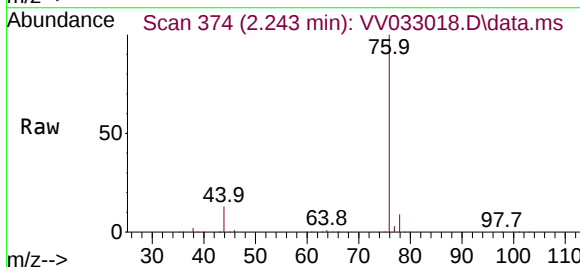
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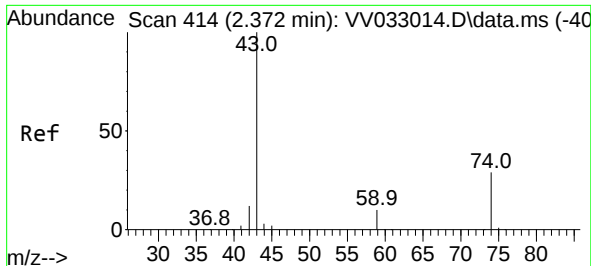
Tgt Ion: 76 Resp: 307469

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.4

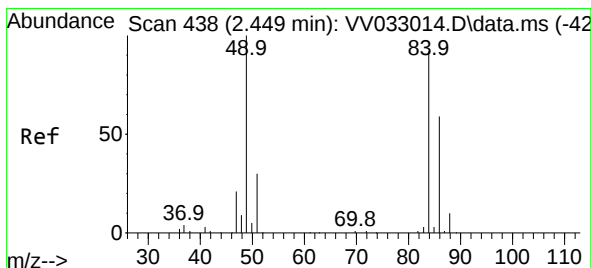
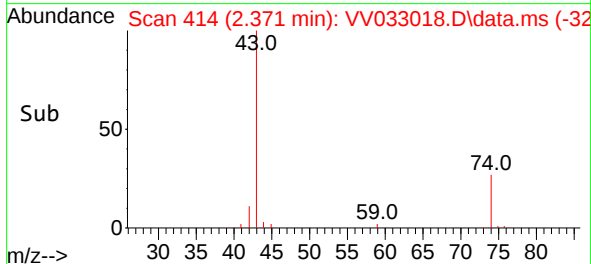
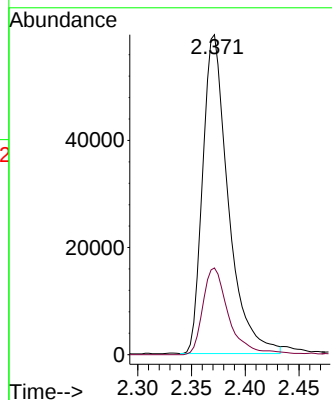
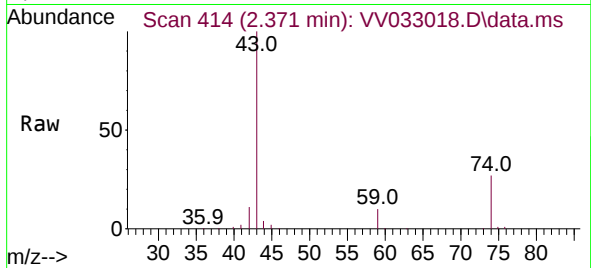




#15
Methyl Acetate
Concen: 48.514 ug/L
RT: 2.371 min Scan# 414
Delta R.T. -0.000 min
Lab File: VV033018.D
Acq: 20 Nov 2023 12:14

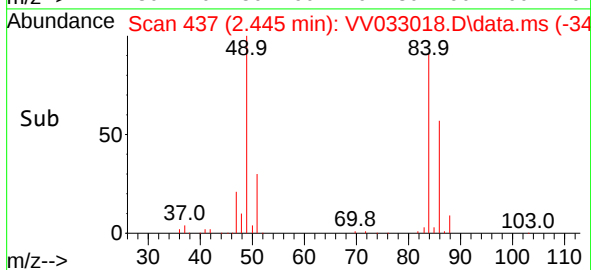
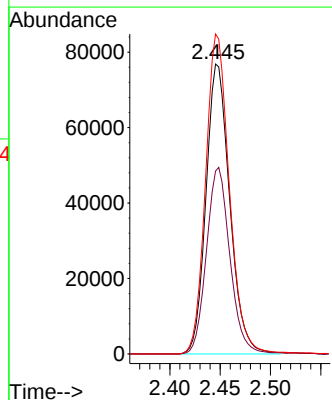
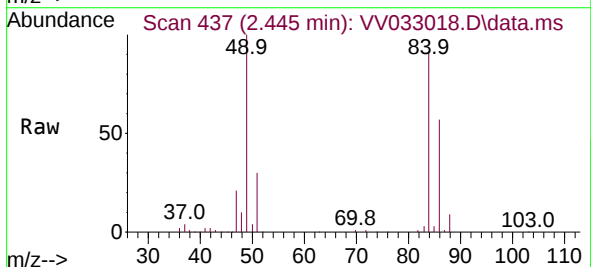
Instrument :
MSVOA_V
ClientSampleId :

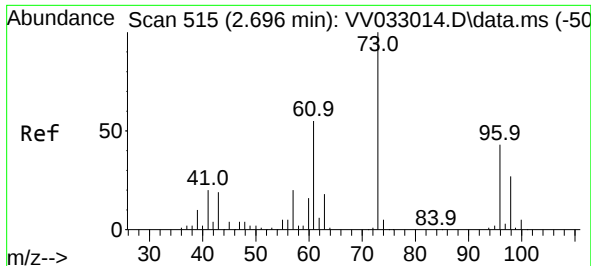
Tgt Ion: 43 Resp: 98645
Ion Ratio Lower Upper
43 100
74 26.7 22.7 34.1



#16
Methylene chloride
Concen: 45.376 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV033018.D
Acq: 20 Nov 2023 12:14

Tgt Ion: 84 Resp: 126284
Ion Ratio Lower Upper
84 100
86 63.1 44.7 83.1
49 110.4 76.6 142.3





#17

trans-1,2-Dichloroethene

Concen: 47.823 ug/L

RT: 2.696 min Scan# 515

Delta R.T. -0.000 min

Lab File: VV033018.D

Acq: 20 Nov 2023 12:14

Instrument :

MSVOA_V

ClientSampleId :

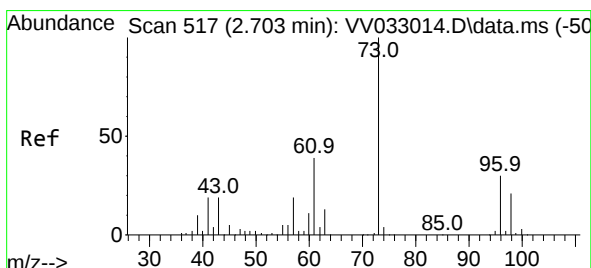
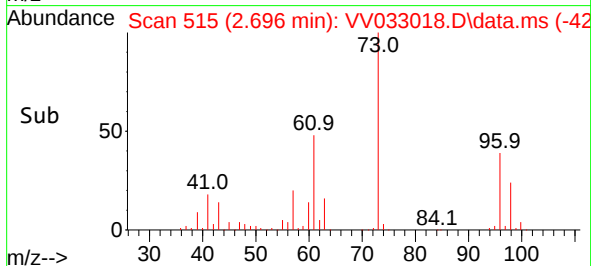
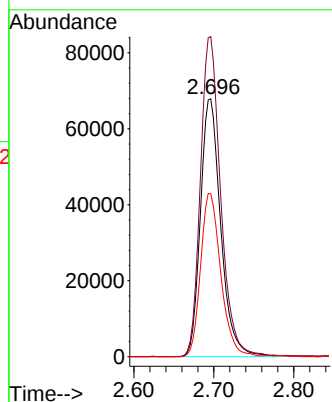
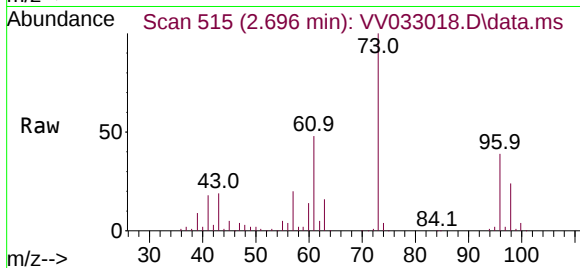
Tgt Ion: 96 Resp: 120225

Ion Ratio Lower Upper

96 100

61 124.0 89.5 166.3

98 63.1 43.6 81.0



#18

Methyl tert-butyl Ether

Concen: 49.665 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV033018.D

Acq: 20 Nov 2023 12:14

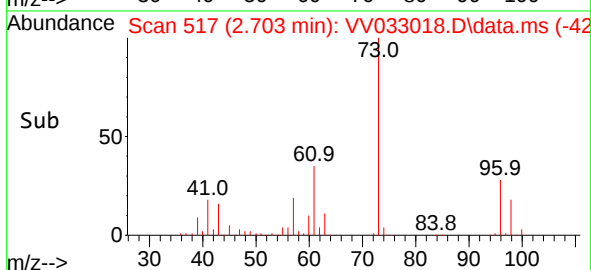
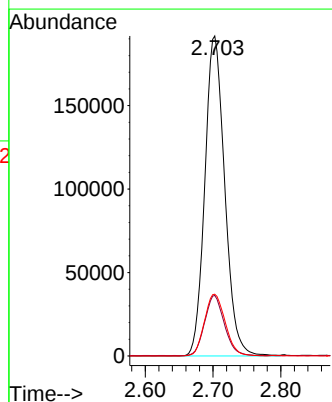
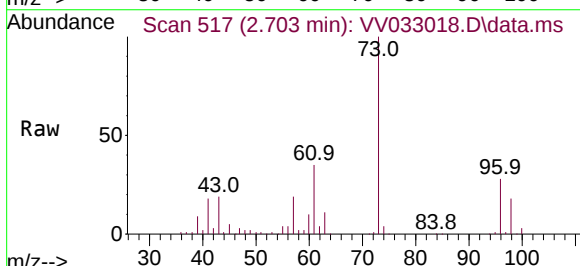
Tgt Ion: 73 Resp: 391667

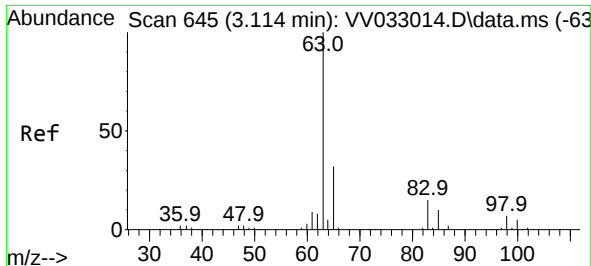
Ion Ratio Lower Upper

73 100

43 18.5 15.2 22.8

57 20.1 15.8 23.8





#19

1,1-Dichloroethane

Concen: 46.896 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV033018.D

Acq: 20 Nov 2023 12:14

Instrument :

MSVOA_V

ClientSampleId :

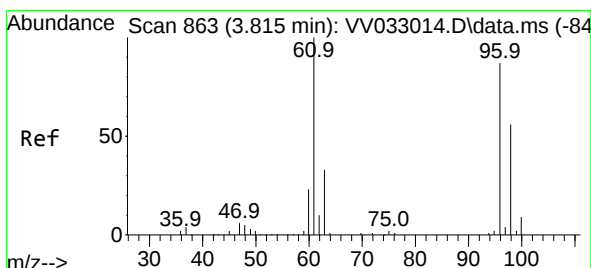
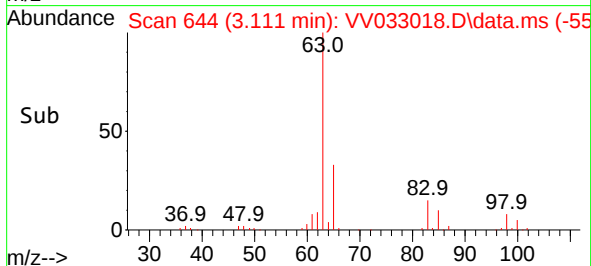
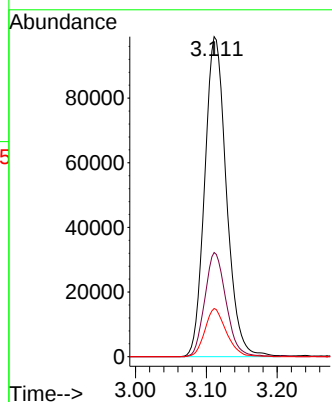
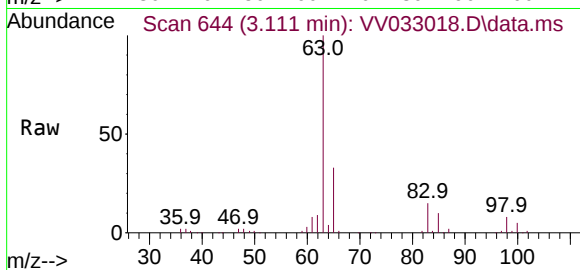
Tgt Ion: 63 Resp: 210600

Ion Ratio Lower Upper

63 100

65 32.6 22.4 41.6

83 15.0 10.7 19.9



#20

cis-1,2-Dichloroethene

Concen: 47.564 ug/L

RT: 3.815 min Scan# 863

Delta R.T. -0.000 min

Lab File: VV033018.D

Acq: 20 Nov 2023 12:14

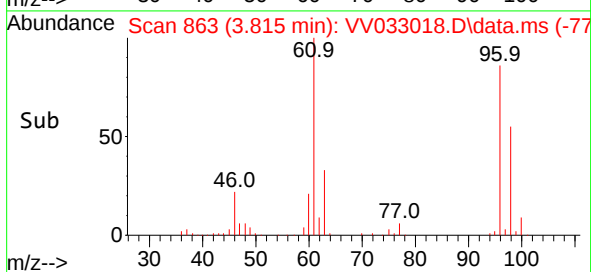
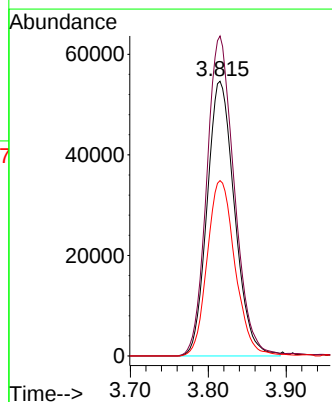
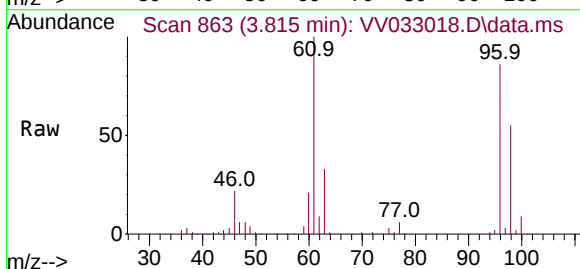
Tgt Ion: 96 Resp: 134069

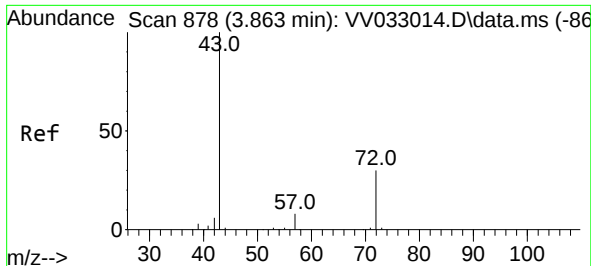
Ion Ratio Lower Upper

96 100

61 116.5 80.2 149.0

98 63.8 45.1 83.7

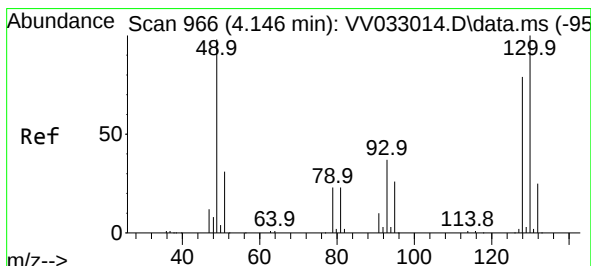
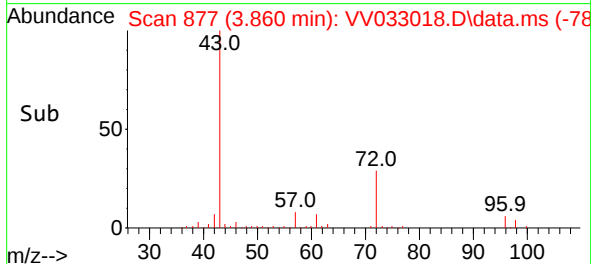
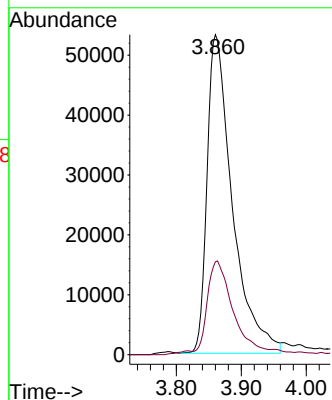
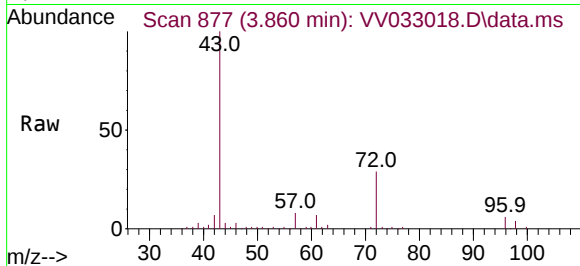




#22
2-Butanone
Concen: 95.737 ug/L
RT: 3.860 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV033018.D
Acq: 20 Nov 2023 12:14

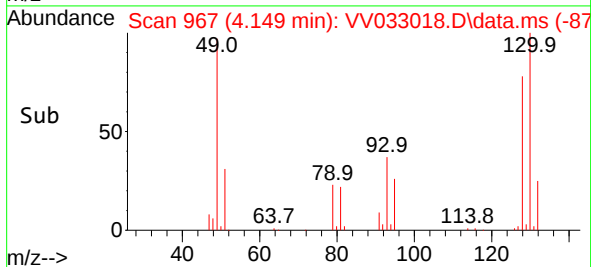
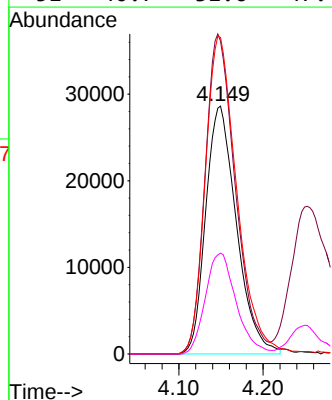
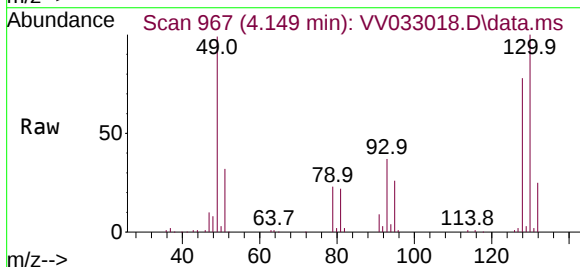
Instrument :
MSVOA_V
ClientSampleId :

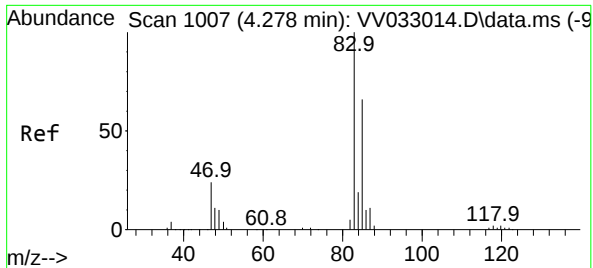
Tgt Ion: 43 Resp: 143774
Ion Ratio Lower Upper
43 100
72 27.9 13.9 41.7



#23
Bromochloromethane
Concen: 46.805 ug/L
RT: 4.149 min Scan# 967
Delta R.T. 0.003 min
Lab File: VV033018.D
Acq: 20 Nov 2023 12:14

Tgt Ion:128 Resp: 72565
Ion Ratio Lower Upper
128 100
49 126.2 87.1 161.7
130 127.7 88.1 163.5
51 40.7 31.6 47.4

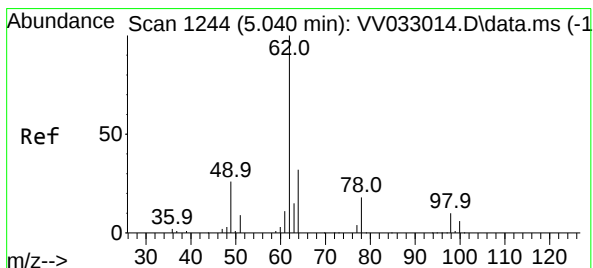
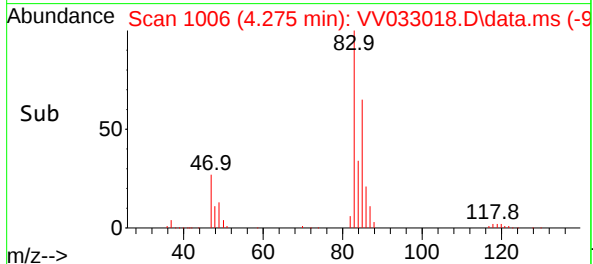
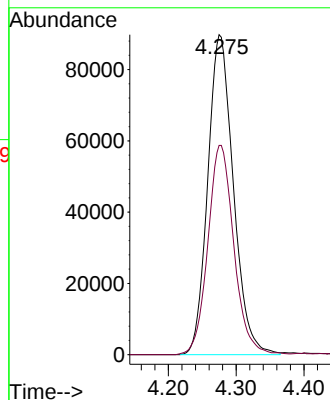
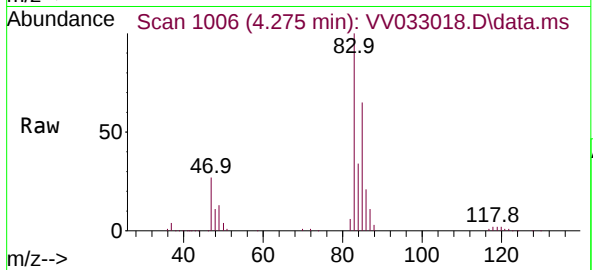




#25
Chloroform
Concen: 46.641 ug/L
RT: 4.275 min Scan# 1007
Delta R.T. -0.003 min
Lab File: VV033018.D
Acq: 20 Nov 2023 12:14

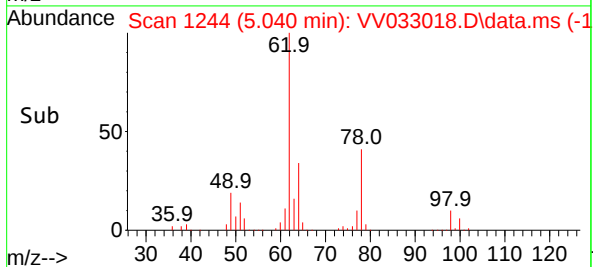
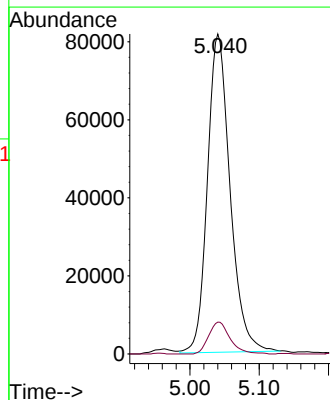
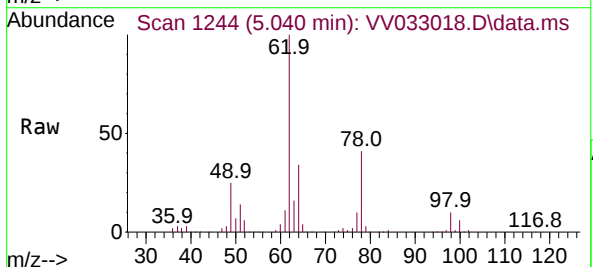
Instrument :
MSVOA_V
ClientSampleId :

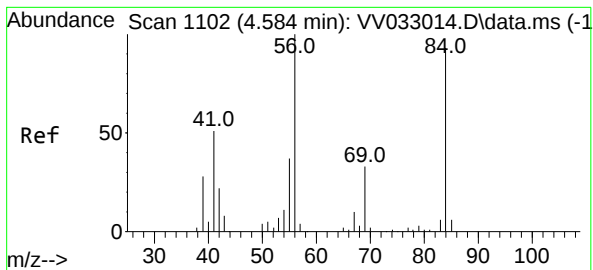
Tgt Ion: 83 Resp: 235745
Ion Ratio Lower Upper
83 100
85 65.4 46.2 85.8



#27
1,2-Dichloroethane
Concen: 46.934 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. -0.000 min
Lab File: VV033018.D
Acq: 20 Nov 2023 12:14

Tgt Ion: 62 Resp: 185066
Ion Ratio Lower Upper
62 100
98 9.9 8.3 12.5





#29

Cyclohexane

Concen: 49.486 ug/L

RT: 4.583 min Scan# 1102

Delta R.T. -0.000 min

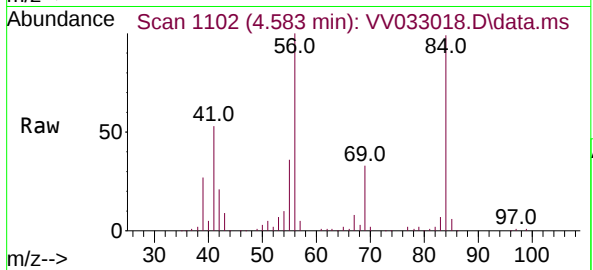
Lab File: VV033018.D

Acq: 20 Nov 2023 12:14

Instrument :

MSVOA_V

ClientSampleId :



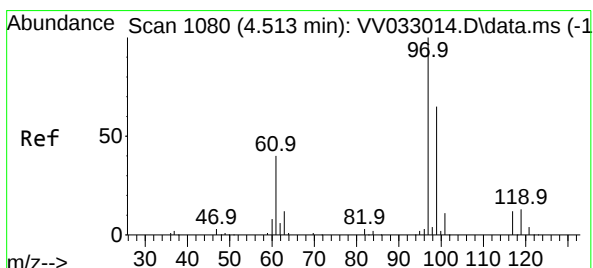
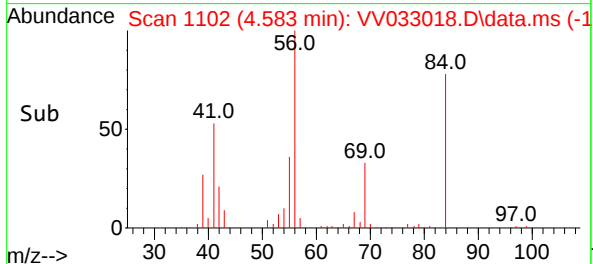
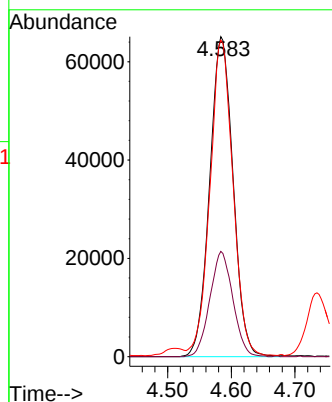
Tgt Ion: 56 Resp: 166308

Ion Ratio Lower Upper

56 100

69 32.3 26.7 40.1

84 95.9 78.1 117.1



#30

1,1,1-Trichloroethane

Concen: 48.079 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. -0.000 min

Lab File: VV033018.D

Acq: 20 Nov 2023 12:14

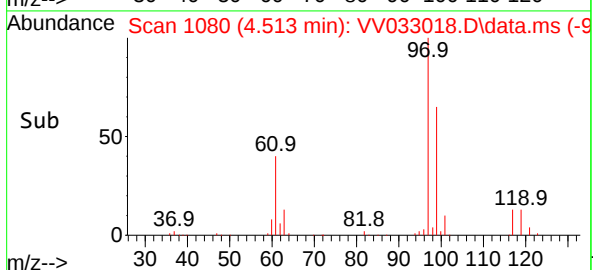
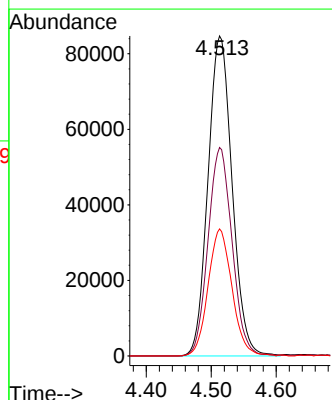
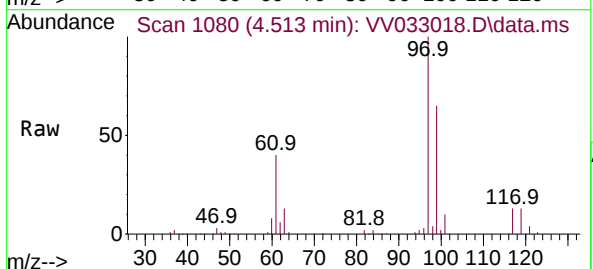
Tgt Ion: 97 Resp: 218742

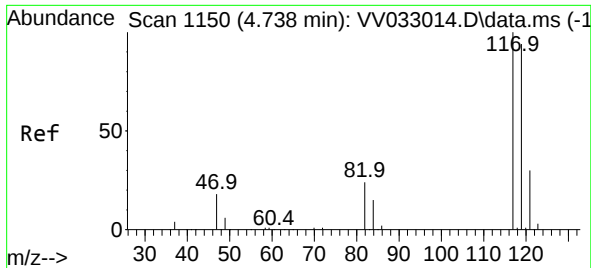
Ion Ratio Lower Upper

97 100

99 64.7 51.2 76.8

61 39.1 32.1 48.1

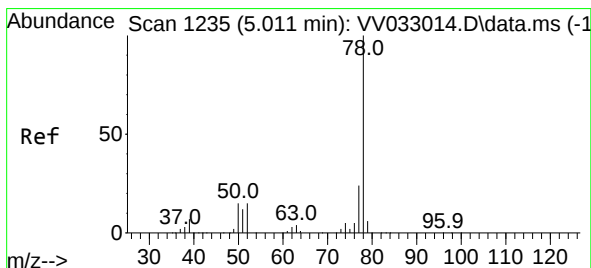
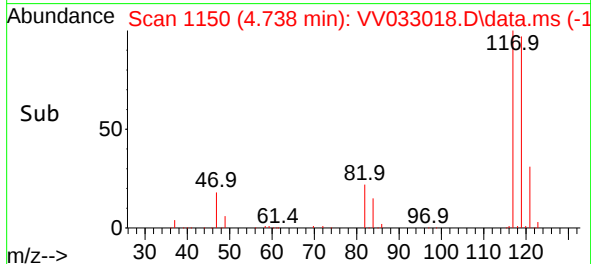
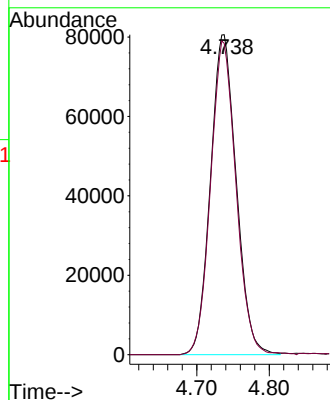
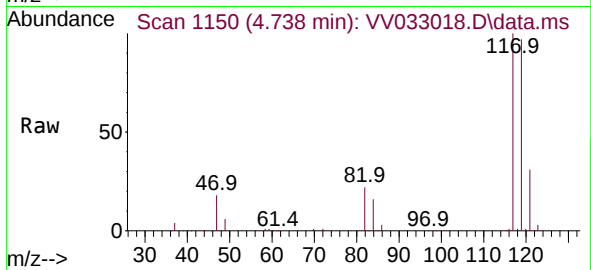




#31
Carbon tetrachloride
Concen: 46.932 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VV033018.D
Acq: 20 Nov 2023 12:14

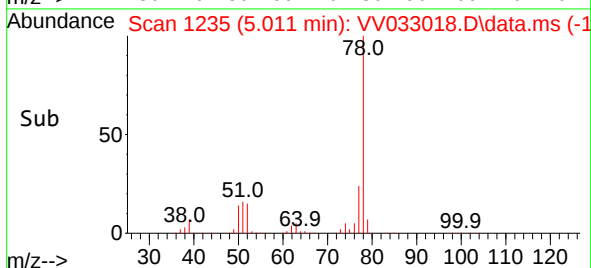
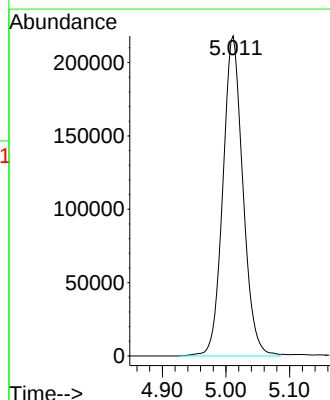
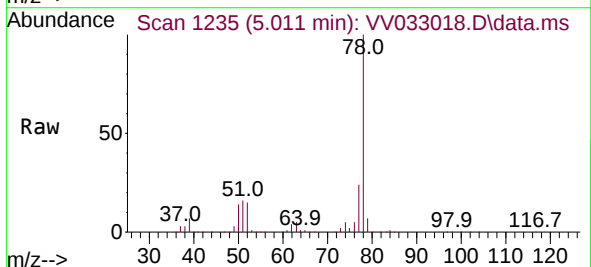
Instrument :
MSVOA_V
ClientSampleId :

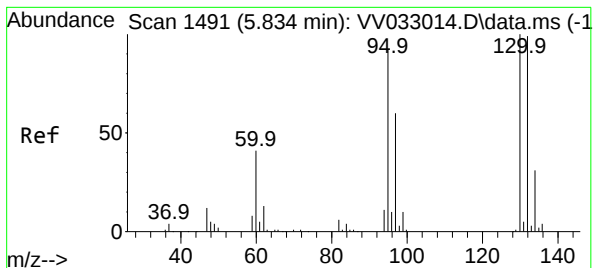
Tgt Ion:117 Resp: 198978
Ion Ratio Lower Upper
117 100
119 96.2 76.5 114.7



#33
Benzene
Concen: 49.290 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VV033018.D
Acq: 20 Nov 2023 12:14

Tgt Ion: 78 Resp: 477566





#34

Trichloroethene

Concen: 48.961 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VV033018.D

Acq: 20 Nov 2023 12:14

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 133711

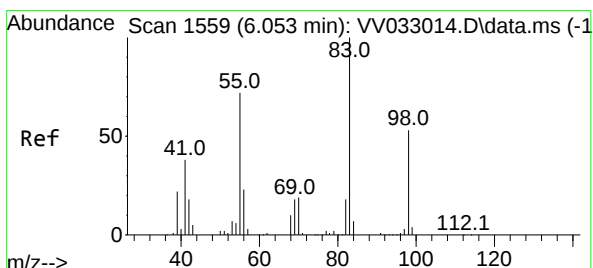
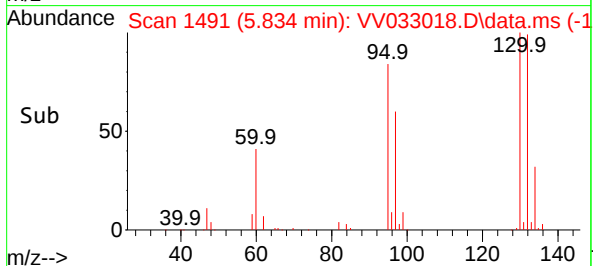
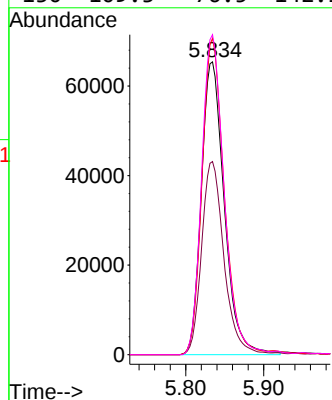
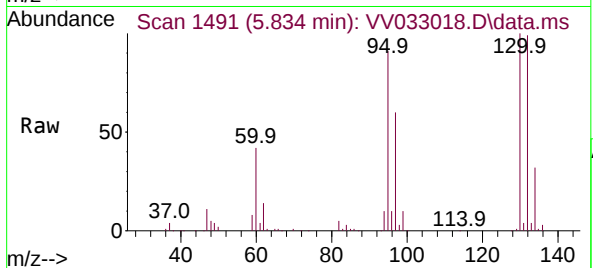
Ion Ratio Lower Upper

95 100

97 66.0 46.0 85.4

132 108.1 76.0 141.2

130 109.3 76.5 142.1



#35

Methylcyclohexane

Concen: 48.579 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.003 min

Lab File: VV033018.D

Acq: 20 Nov 2023 12:14

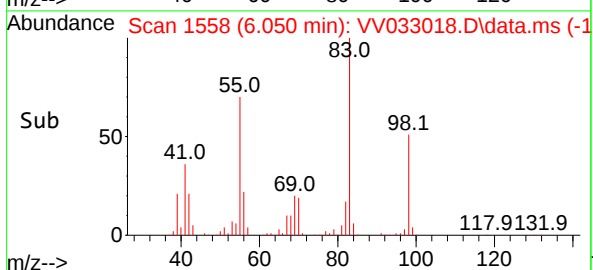
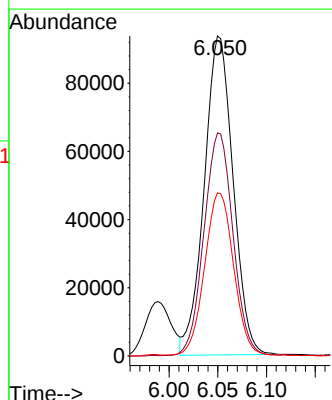
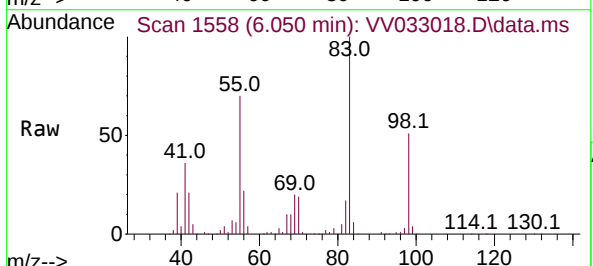
Tgt Ion: 83 Resp: 192825

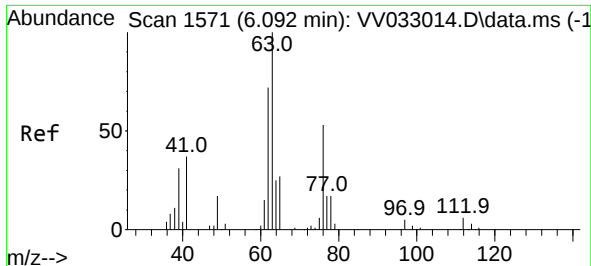
Ion Ratio Lower Upper

83 100

55 70.7 56.3 84.5

98 51.4 40.5 60.7





#37

1,2-Dichloropropane

Concen: 49.199 ug/L

RT: 6.091 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV033018.D

Acq: 20 Nov 2023 12:14

Instrument :

MSVOA_V

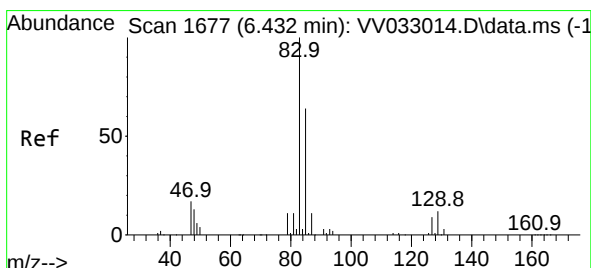
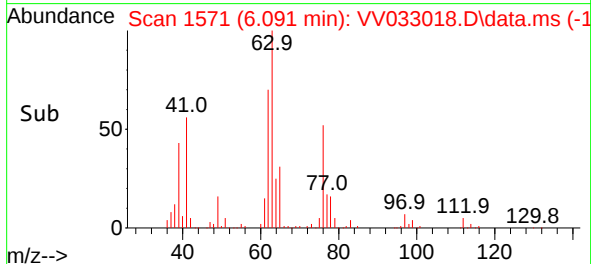
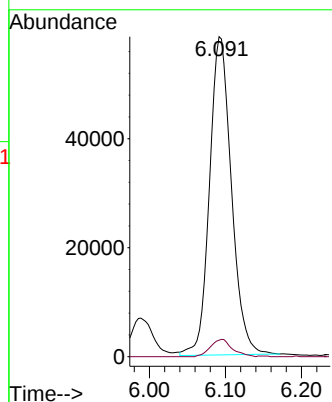
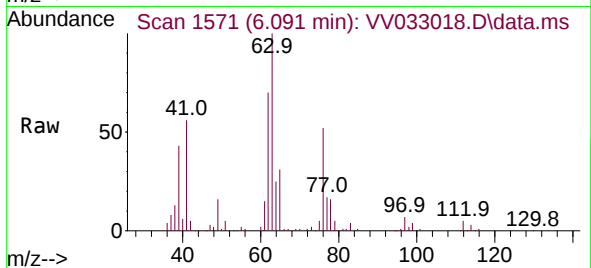
ClientSampleId :

Tgt Ion: 63 Resp: 117002

Ion Ratio Lower Upper

63 100

112 5.4 4.6 7.0



#38

Bromodichloromethane

Concen: 48.498 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VV033018.D

Acq: 20 Nov 2023 12:14

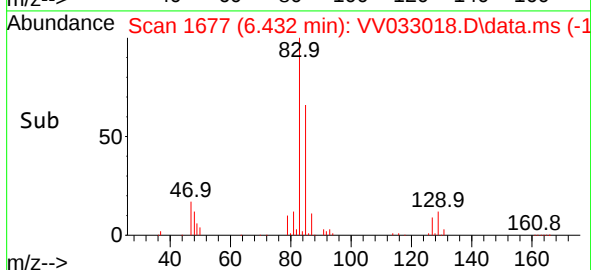
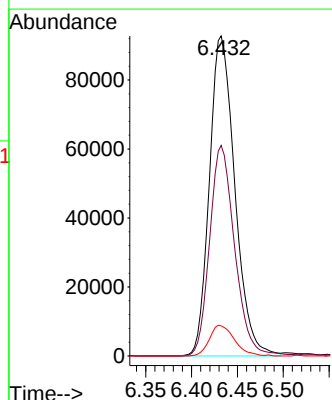
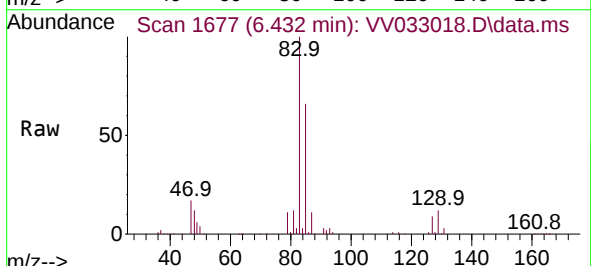
Tgt Ion: 83 Resp: 179202

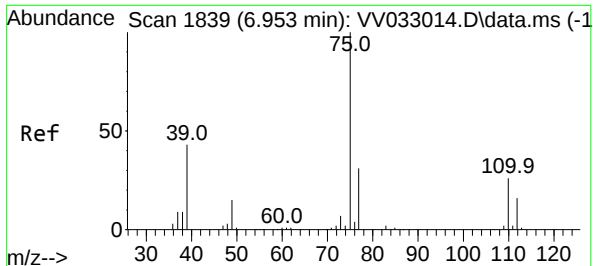
Ion Ratio Lower Upper

83 100

85 65.8 44.7 83.1

127 9.4 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 51.725 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. -0.000 min

Lab File: VV033018.D

Acq: 20 Nov 2023 12:14

Instrument :

MSVOA_V

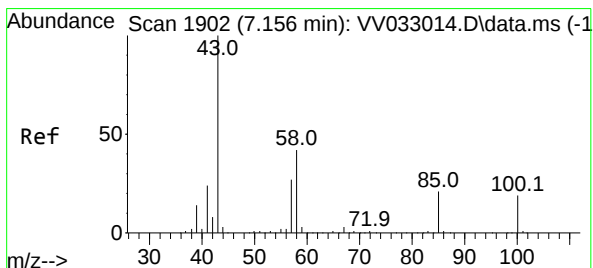
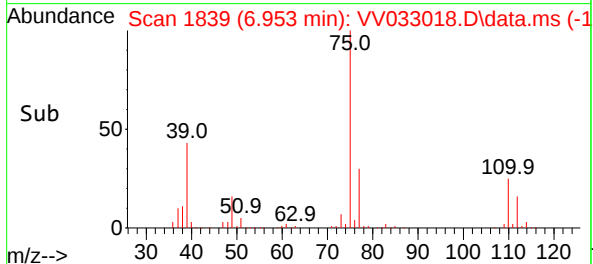
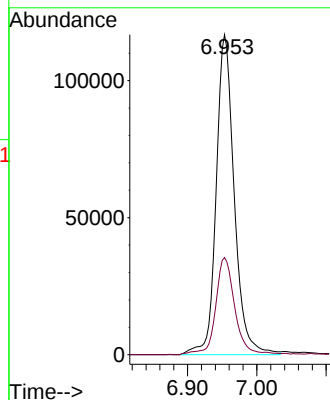
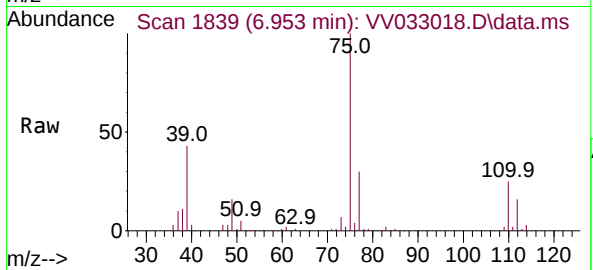
ClientSampleId :

Tgt Ion: 75 Resp: 211771

Ion Ratio Lower Upper

75 100

77 30.4 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 106.447 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VV033018.D

Acq: 20 Nov 2023 12:14

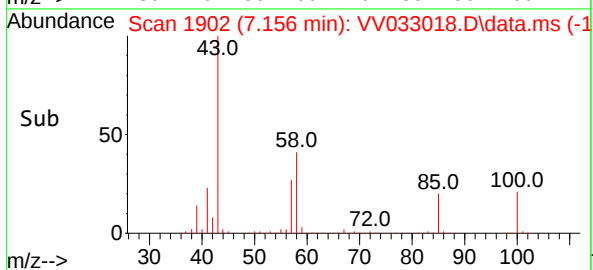
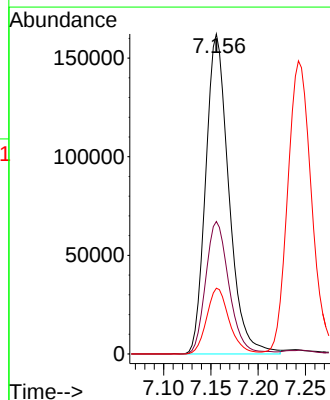
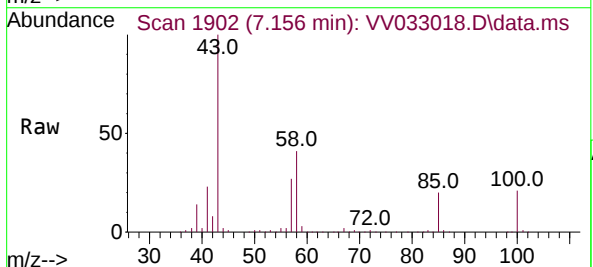
Tgt Ion: 43 Resp: 276899

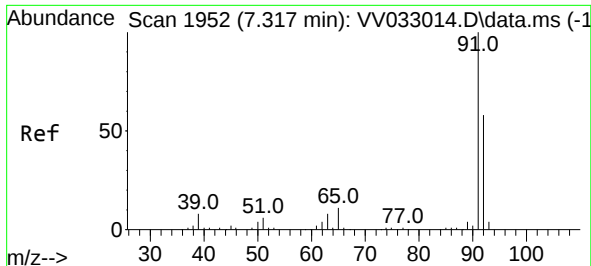
Ion Ratio Lower Upper

43 100

58 41.9 33.2 49.8

100 20.0 14.9 22.3





#42

Toluene

Concen: 49.793 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VV033018.D

Acq: 20 Nov 2023 12:14

Instrument :

MSVOA_V

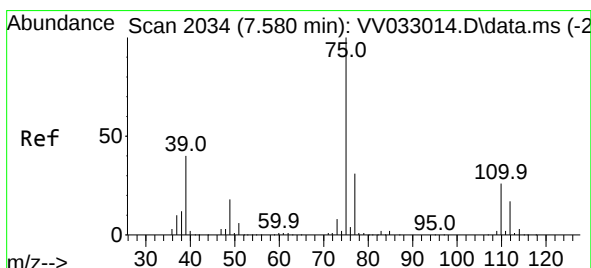
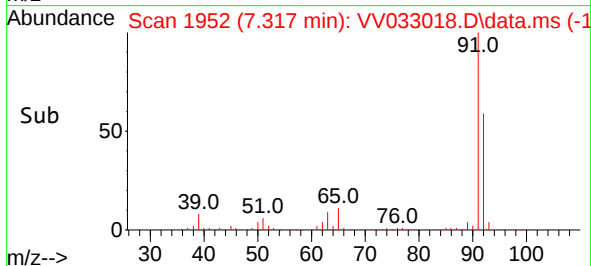
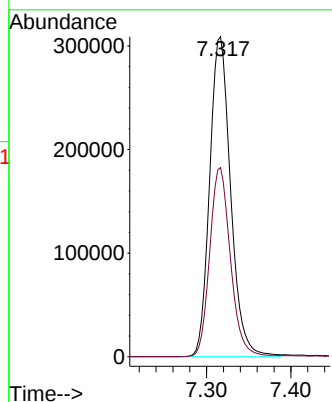
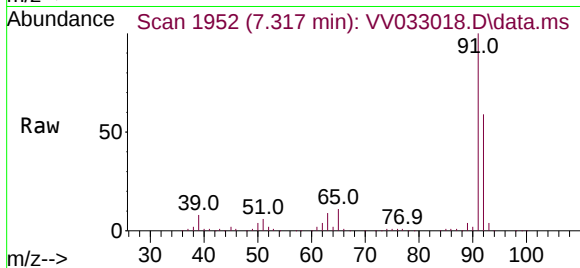
ClientSampleId :

Tgt Ion: 91 Resp: 534556

Ion Ratio Lower Upper

91 100

92 59.1 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 50.575 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.000 min

Lab File: VV033018.D

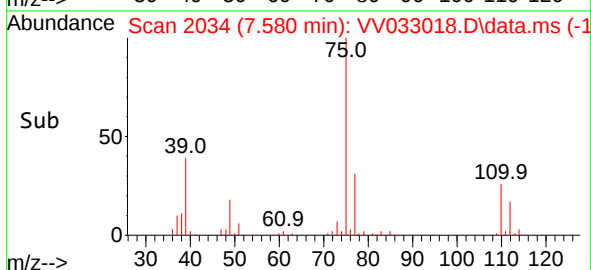
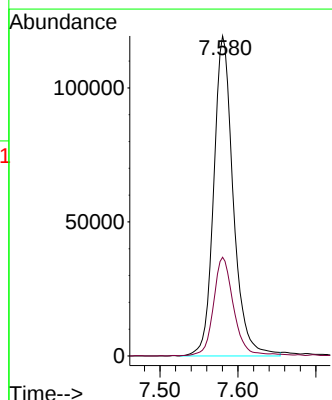
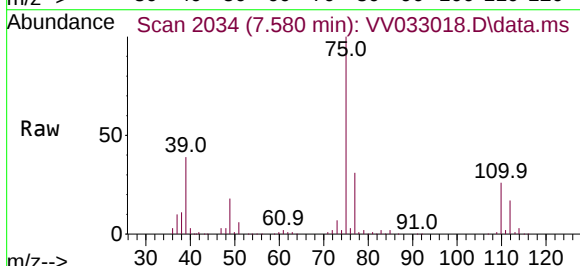
Acq: 20 Nov 2023 12:14

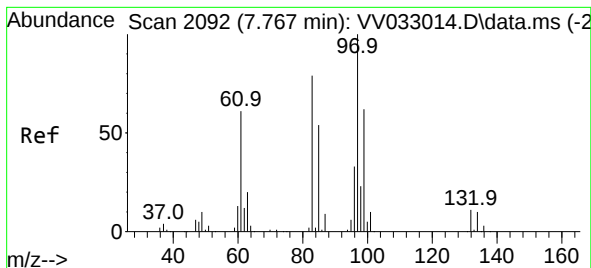
Tgt Ion: 75 Resp: 208066

Ion Ratio Lower Upper

75 100

77 30.9 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 49.075 ug/L

RT: 7.770 min Scan# 2092

Delta R.T. 0.003 min

Lab File: VV033018.D

Acq: 20 Nov 2023 12:14

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 131434

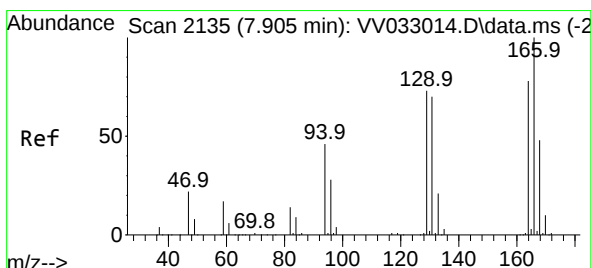
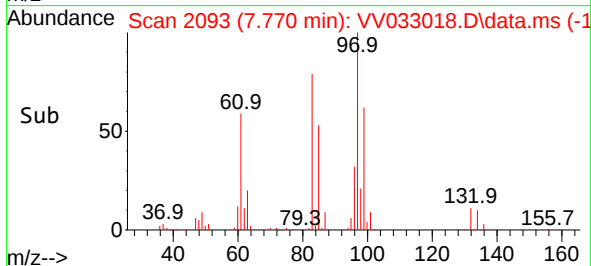
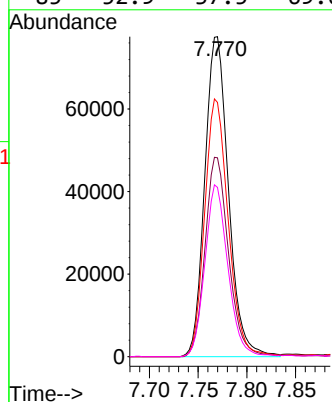
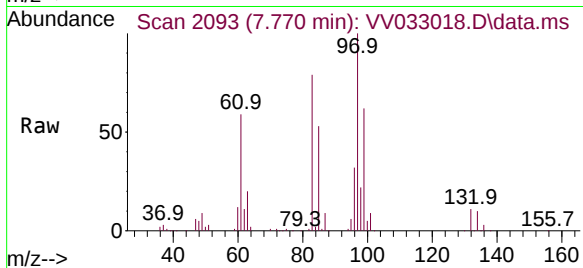
Ion Ratio Lower Upper

97 100

99 62.2 43.5 80.9

83 79.5 55.6 103.2

85 52.9 37.5 69.6



#46

Tetrachloroethene

Concen: 47.506 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VV033018.D

Acq: 20 Nov 2023 12:14

Tgt Ion:164 Resp: 113059

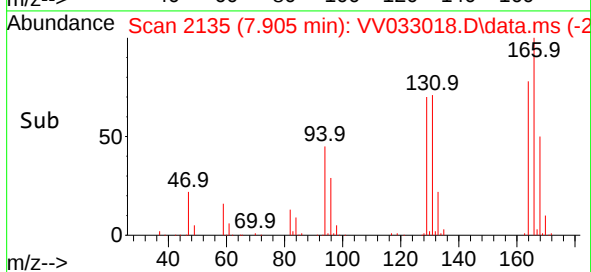
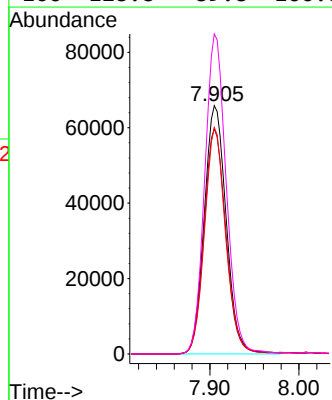
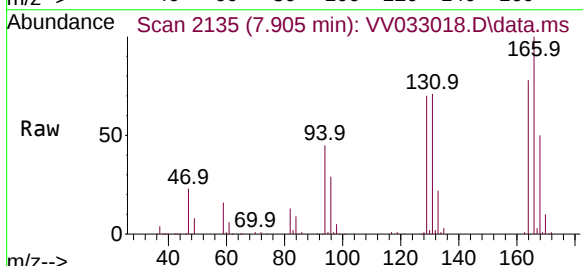
Ion Ratio Lower Upper

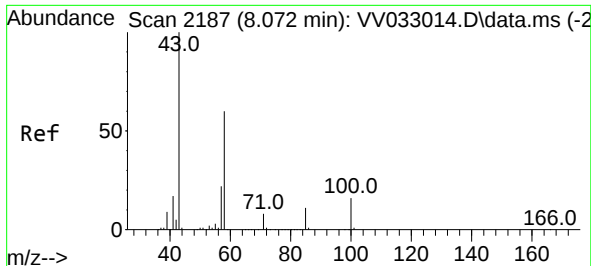
164 100

129 90.7 65.7 122.1

131 91.2 62.5 116.1

166 128.8 89.8 166.8



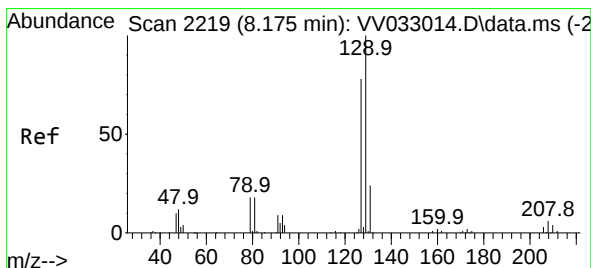
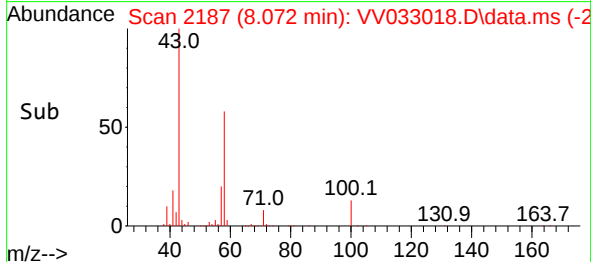
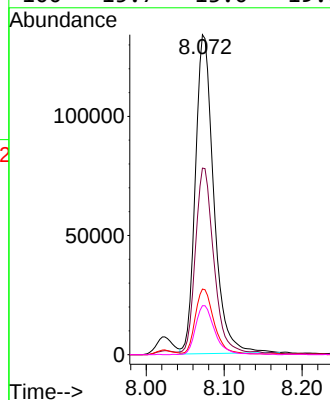
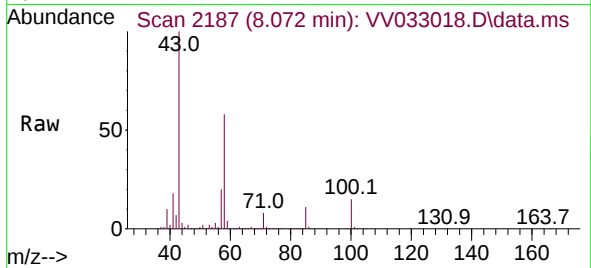


#48
2-Hexanone
Concen: 106.866 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV033018.D
Acq: 20 Nov 2023 12:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 219925

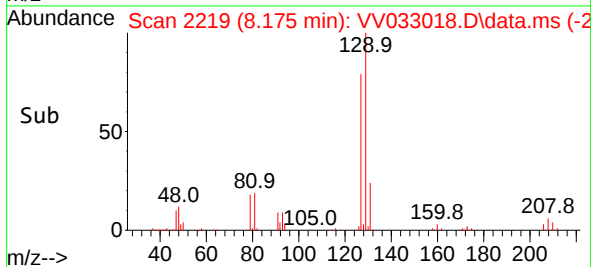
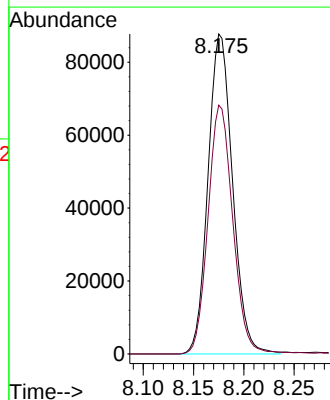
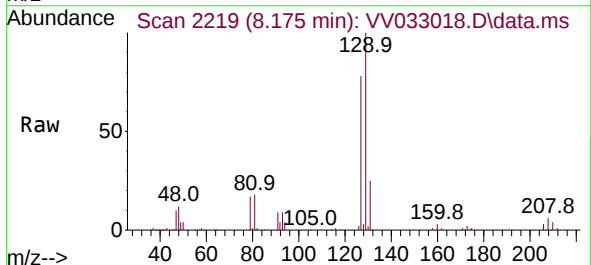
Ion	Ratio	Lower	Upper
43	100		
58	57.2	47.0	70.6
57	20.7	17.0	25.6
100	15.7	13.0	19.6

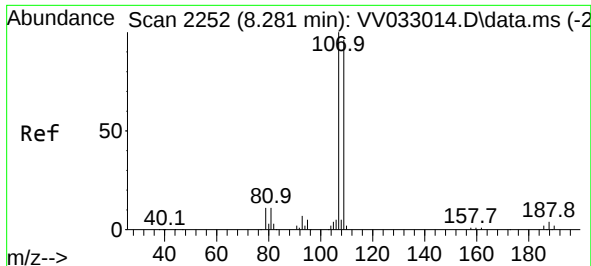


#49
Dibromochloromethane
Concen: 48.288 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV033018.D
Acq: 20 Nov 2023 12:14

Tgt Ion: 129 Resp: 149055

Ion	Ratio	Lower	Upper
129	100		
127	77.8	54.4	101.0





#50

1,2-Dibromoethane

Concen: 49.247 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.000 min

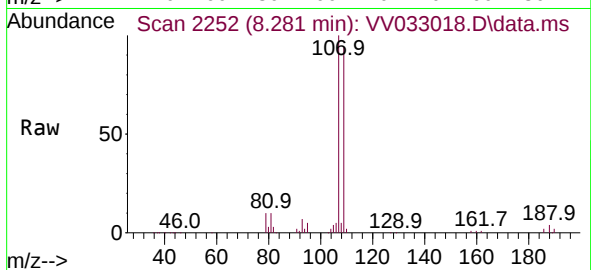
Lab File: VV033018.D

Acq: 20 Nov 2023 12:14

Instrument :

MSVOA_V

ClientSampleId :



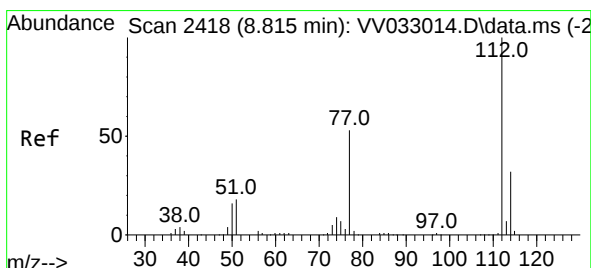
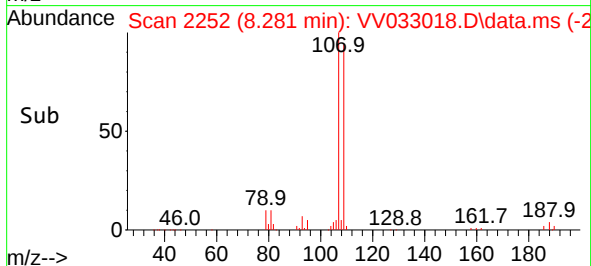
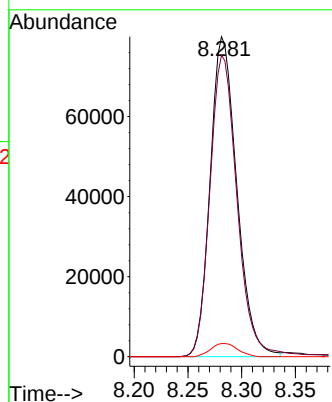
Tgt Ion:107 Resp: 138138

Ion Ratio Lower Upper

107 100

109 94.2 67.3 125.1

188 4.1 3.3 4.9



#51

Chlorobenzene

Concen: 47.235 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. -0.000 min

Lab File: VV033018.D

Acq: 20 Nov 2023 12:14

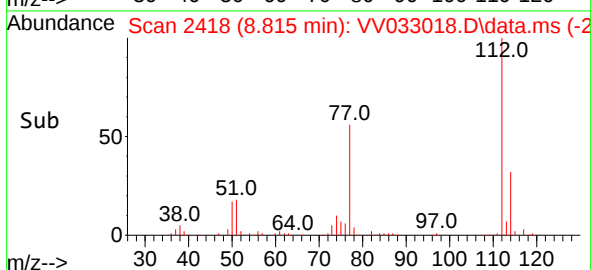
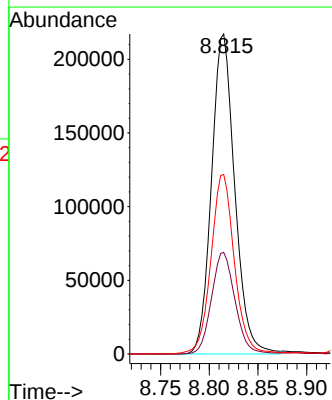
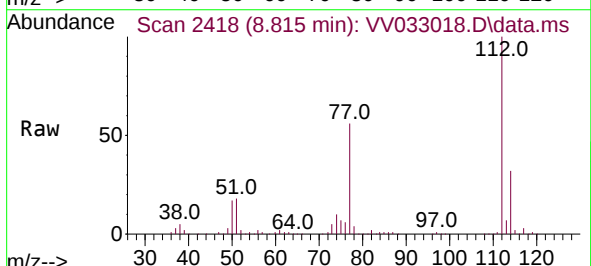
Tgt Ion:112 Resp: 359843

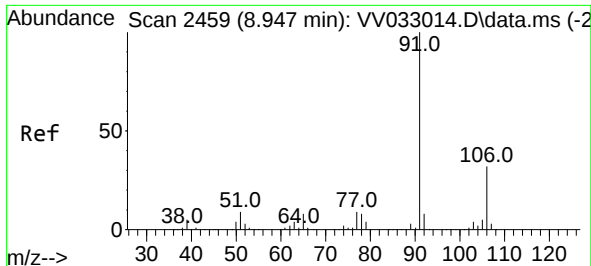
Ion Ratio Lower Upper

112 100

114 31.8 22.3 41.5

77 56.1 43.0 64.6

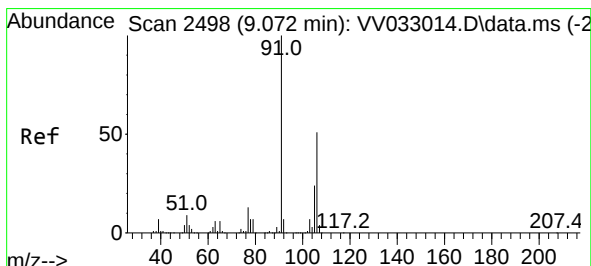
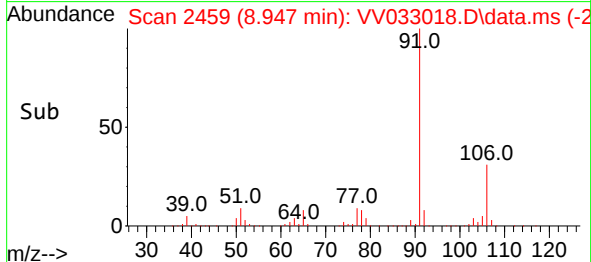
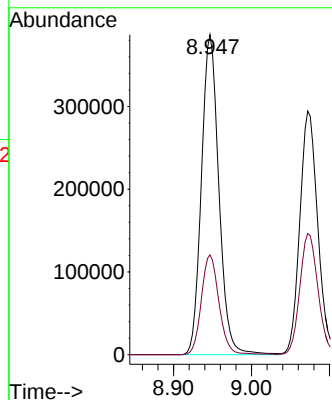
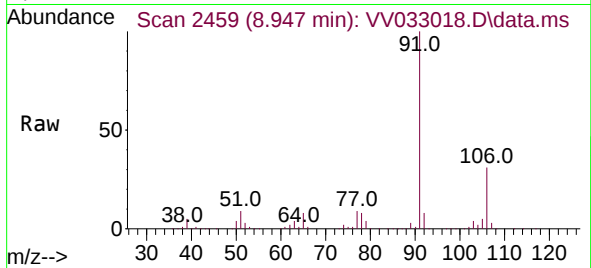




#52
Ethylbenzene
Concen: 48.795 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV033018.D
Acq: 20 Nov 2023 12:14

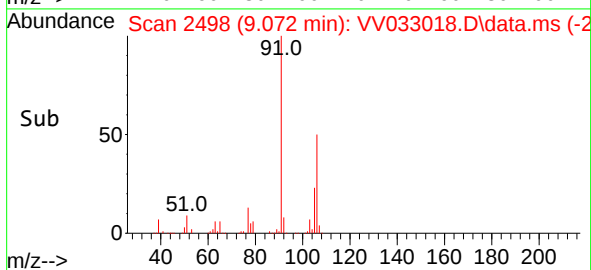
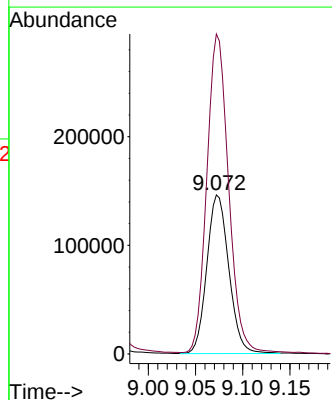
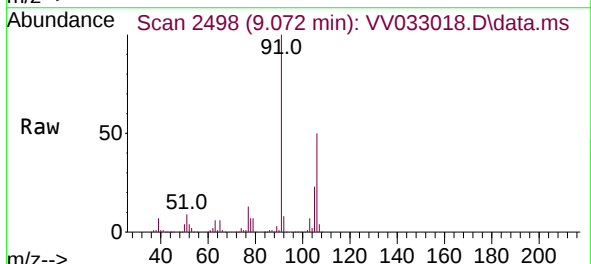
Instrument :
MSVOA_V
ClientSampleId :

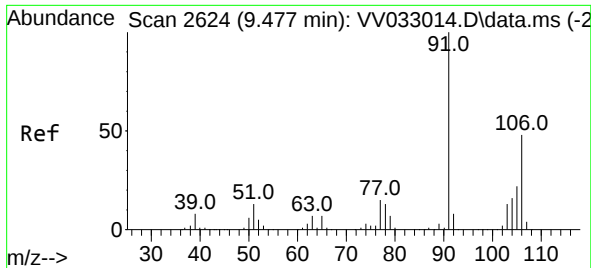
Tgt Ion: 91 Resp: 601357
Ion Ratio Lower Upper
91 100
106 31.2 22.1 41.1



#53
m,p-Xylene
Concen: 48.981 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV033018.D
Acq: 20 Nov 2023 12:14

Tgt Ion: 106 Resp: 237168
Ion Ratio Lower Upper
106 100
91 201.3 138.6 257.4

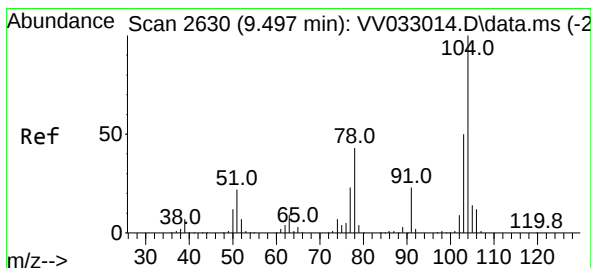
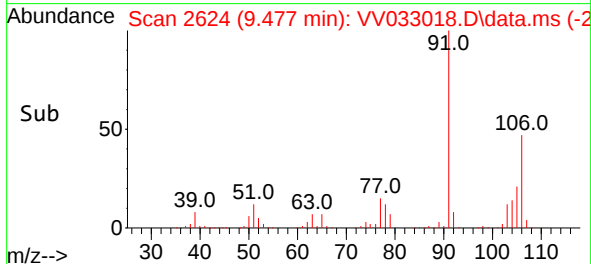
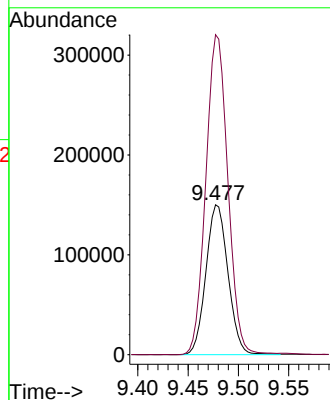
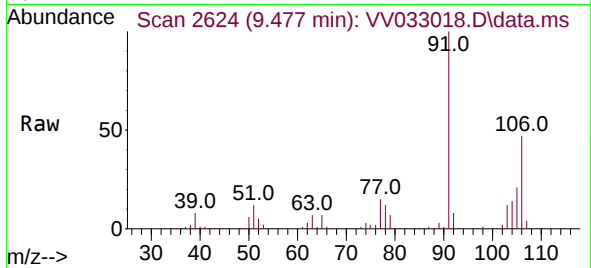




#54
o-Xylene
Concen: 49.264 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV033018.D
Acq: 20 Nov 2023 12:14

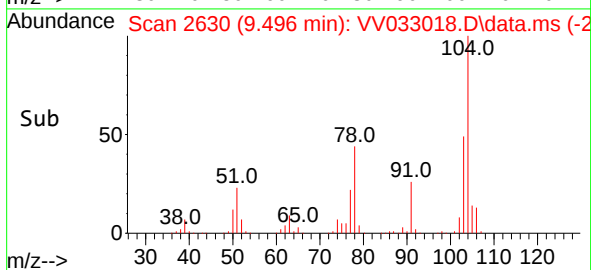
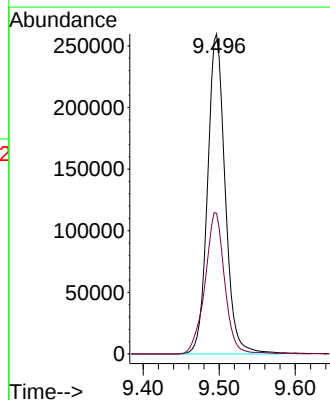
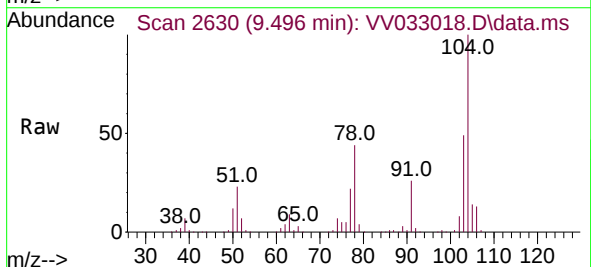
Instrument :
MSVOA_V
ClientSampleId :

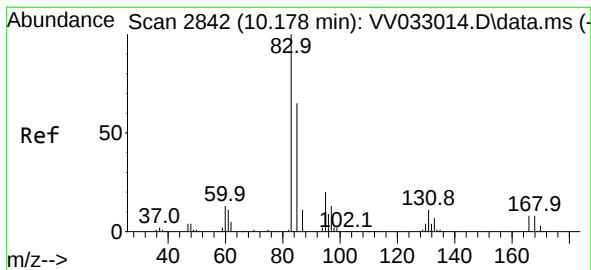
Tgt Ion:106 Resp: 229618
Ion Ratio Lower Upper
106 100
91 213.3 147.3 273.5



#55
Styrene
Concen: 50.204 ug/L
RT: 9.496 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV033018.D
Acq: 20 Nov 2023 12:14

Tgt Ion:104 Resp: 417424
Ion Ratio Lower Upper
104 100
78 44.0 30.2 56.2

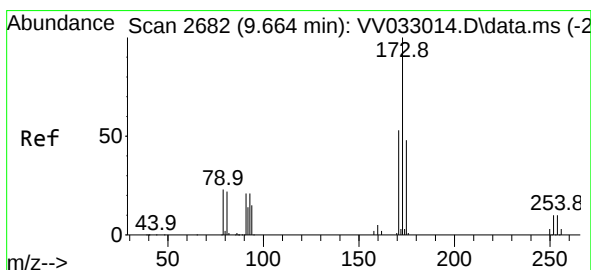
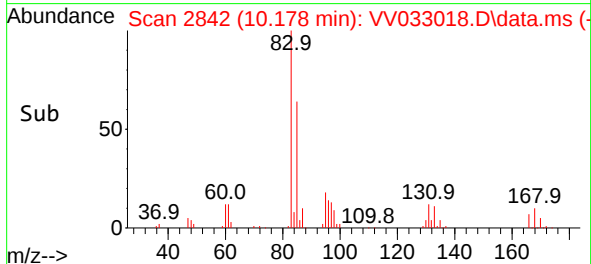
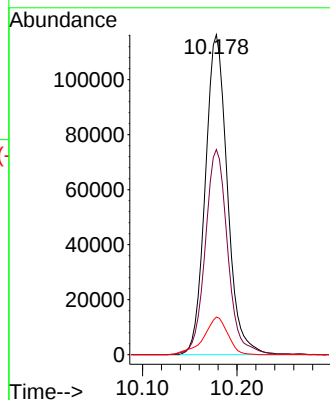
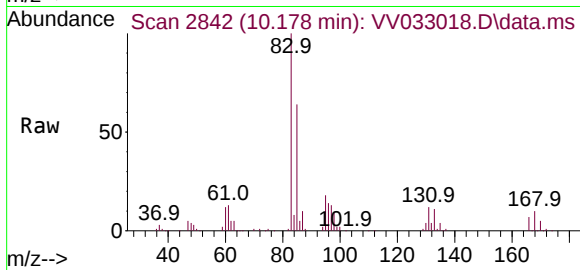




#57
 1,1,2,2-Tetrachloroethane
 Concen: 49.859 ug/L
 RT: 10.178 min Scan# 2842
 Delta R.T. -0.000 min
 Lab File: VV033018.D
 Acq: 20 Nov 2023 12:14

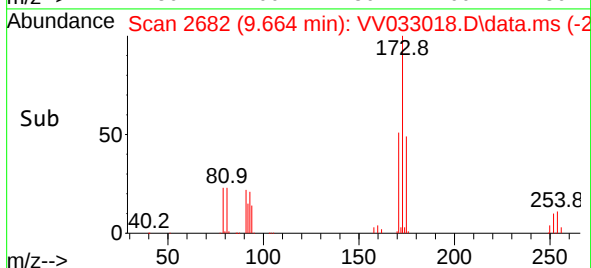
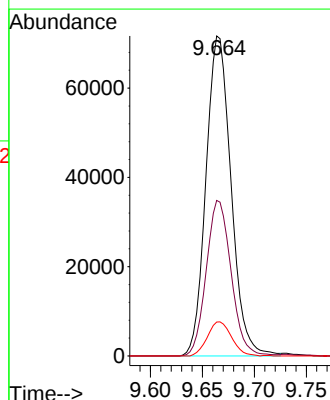
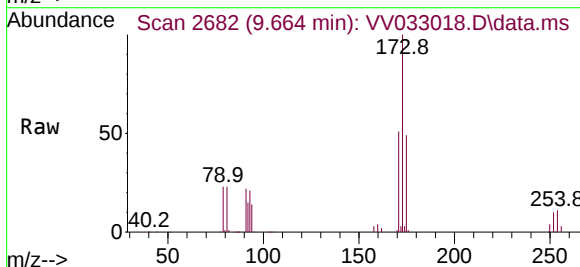
Instrument :
 MSVOA_V
 ClientSampleId :

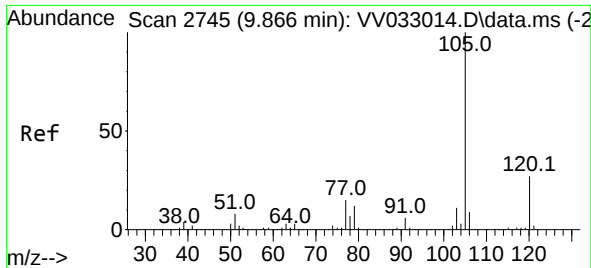
Tgt Ion: 83 Resp: 188638
 Ion Ratio Lower Upper
 83 100
 85 64.1 45.8 85.2
 131 11.7 9.4 14.0



#59
 Bromoform
 Concen: 49.783 ug/L
 RT: 9.664 min Scan# 2682
 Delta R.T. -0.000 min
 Lab File: VV033018.D
 Acq: 20 Nov 2023 12:14

Tgt Ion: 173 Resp: 120600
 Ion Ratio Lower Upper
 173 100
 175 48.0 38.7 58.1
 254 10.3 7.9 11.9

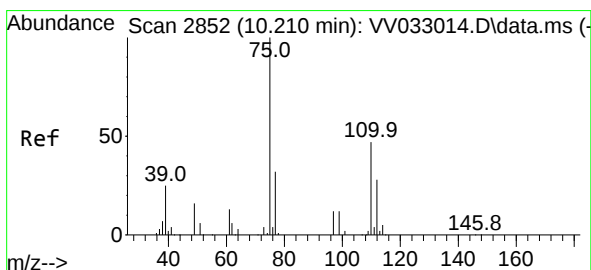
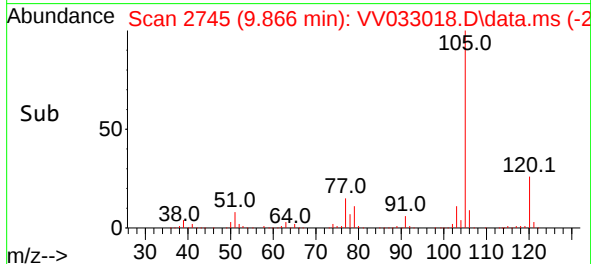
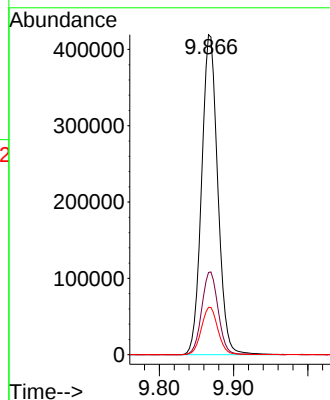
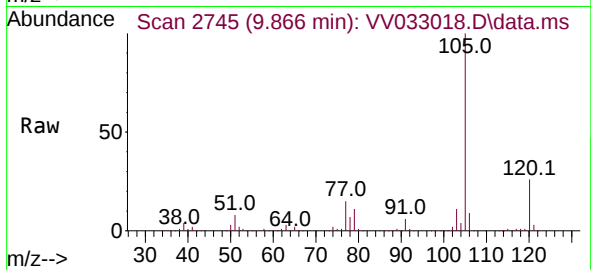




#60
Isopropylbenzene
Concen: 50.144 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033018.D
Acq: 20 Nov 2023 12:14

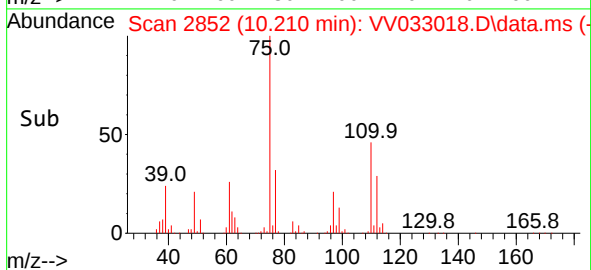
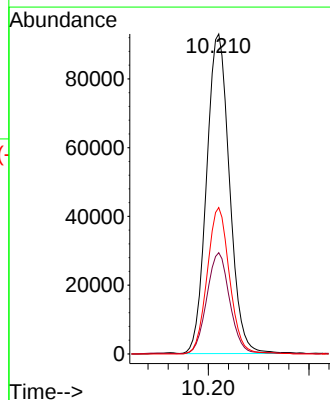
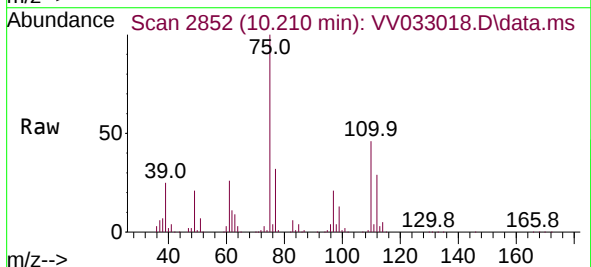
Instrument :
MSVOA_V
ClientSampleId :

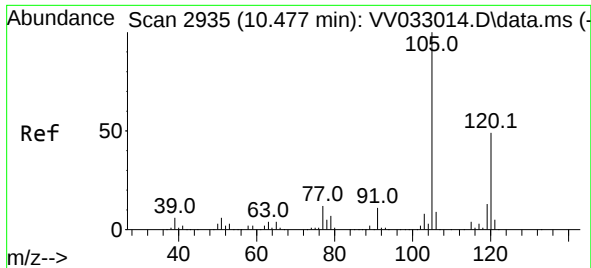
Tgt Ion:105 Resp: 631888
Ion Ratio Lower Upper
105 100
120 26.3 21.4 32.2
77 15.1 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 49.055 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV033018.D
Acq: 20 Nov 2023 12:14

Tgt Ion: 75 Resp: 147102
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.2
110 44.7 36.2 54.4

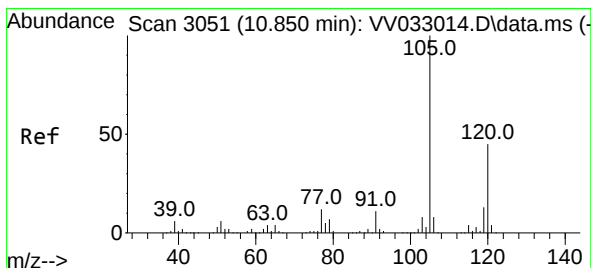
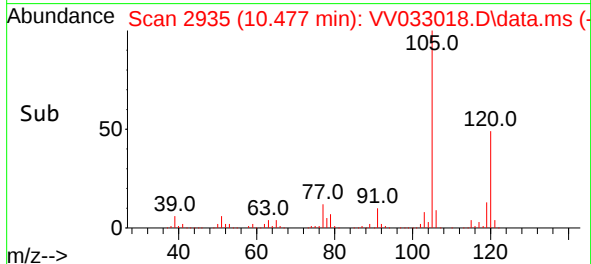
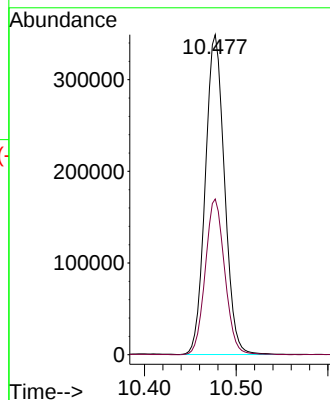
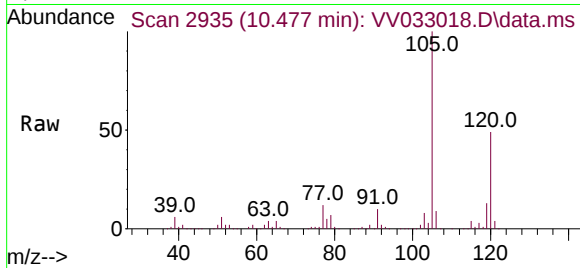




#62
 1,3,5-Trimethylbenzene
 Concen: 50.227 ug/L
 RT: 10.477 min Scan# 2935
 Delta R.T. -0.000 min
 Lab File: VV033018.D
 Acq: 20 Nov 2023 12:14

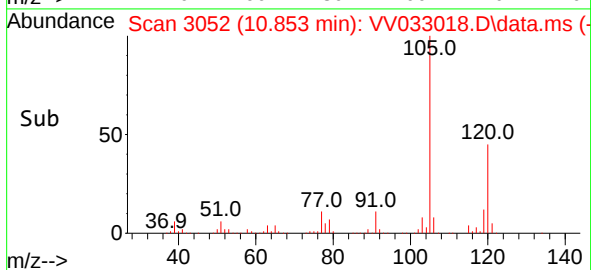
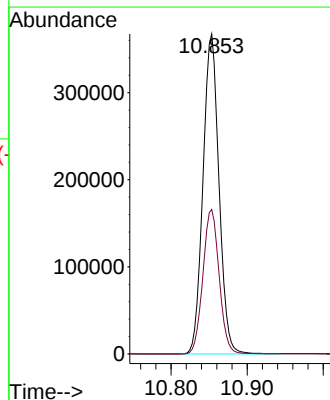
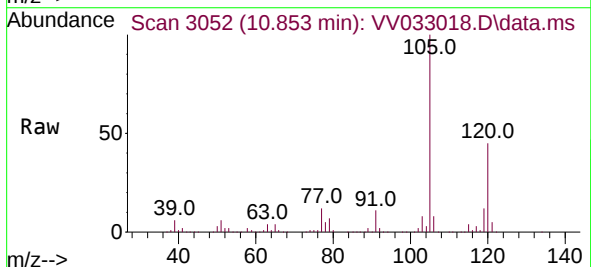
Instrument :
 MSVOA_V
 ClientSampleId :

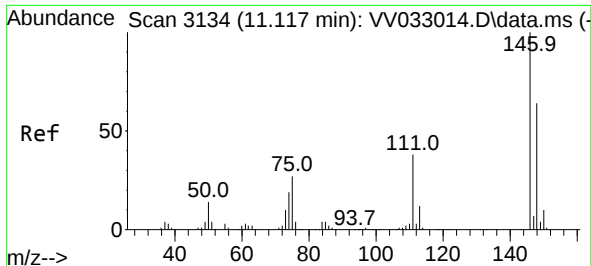
Tgt Ion:105 Resp: 507821
 Ion Ratio Lower Upper
 105 100
 120 49.3 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 50.649 ug/L
 RT: 10.853 min Scan# 3052
 Delta R.T. 0.003 min
 Lab File: VV033018.D
 Acq: 20 Nov 2023 12:14

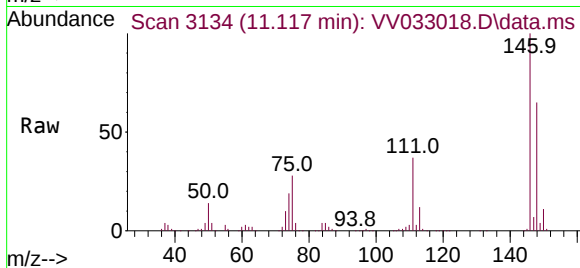
Tgt Ion:105 Resp: 536460
 Ion Ratio Lower Upper
 105 100
 120 45.9 36.7 55.1



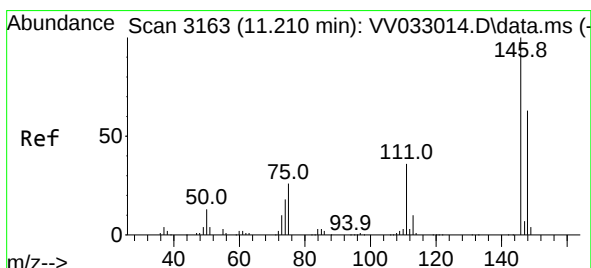
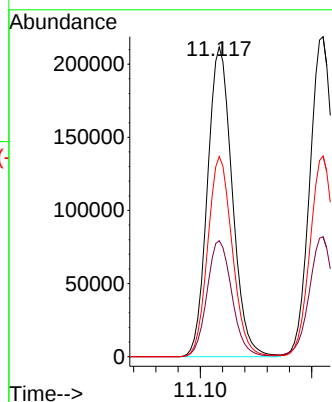
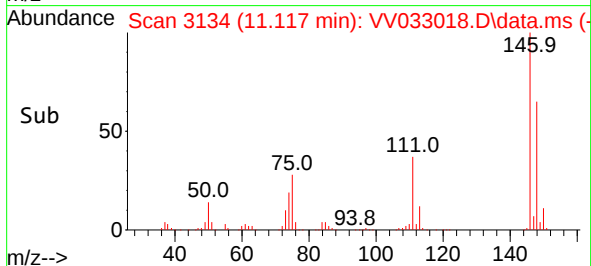


#64
1,3-Dichlorobenzene
Concen: 48.491 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV033018.D
Acq: 20 Nov 2023 12:14

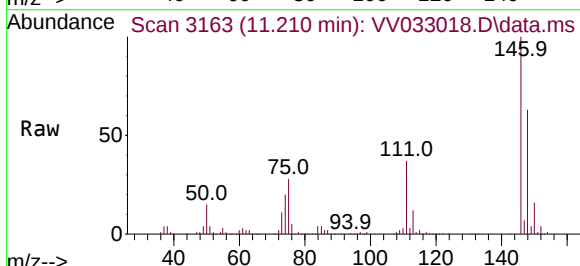
Instrument :
MSVOA_V
ClientSampleId :



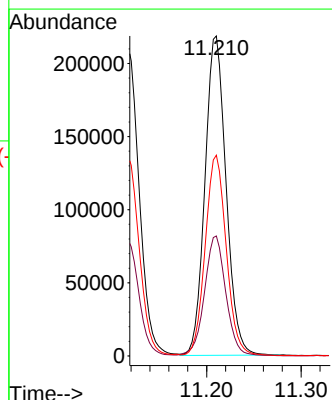
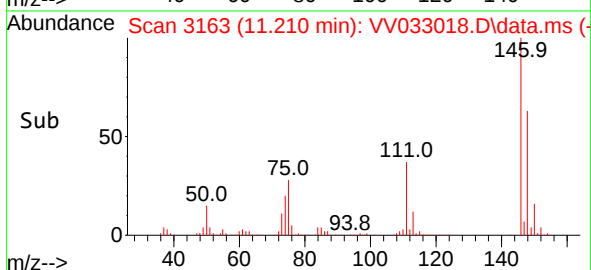
Tgt Ion:146 Resp: 327382
Ion Ratio Lower Upper
146 100
111 37.5 26.5 49.1
148 64.6 44.5 82.7

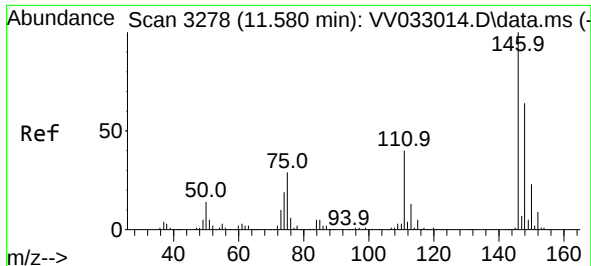


#65
1,4-Dichlorobenzene
Concen: 47.144 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VV033018.D
Acq: 20 Nov 2023 12:14



Tgt Ion:146 Resp: 338327
Ion Ratio Lower Upper
146 100
111 37.5 25.1 46.7
148 62.7 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 47.781 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033018.D

Acq: 20 Nov 2023 12:14

Instrument :

MSVOA_V

ClientSampleId :

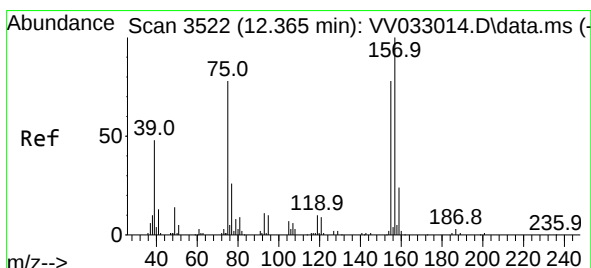
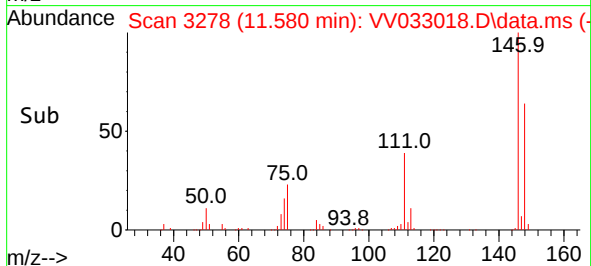
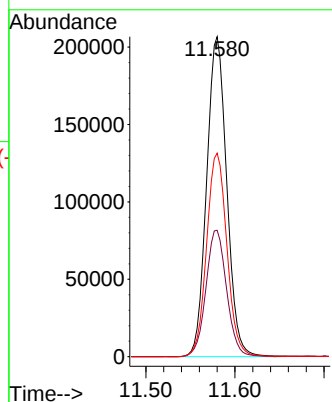
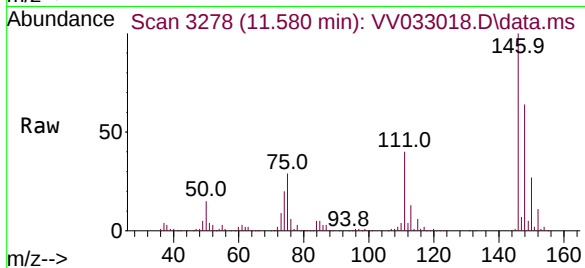
Tgt Ion:146 Resp: 323692

Ion Ratio Lower Upper

146 100

111 39.5 31.8 47.6

148 63.6 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 52.462 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV033018.D

Acq: 20 Nov 2023 12:14

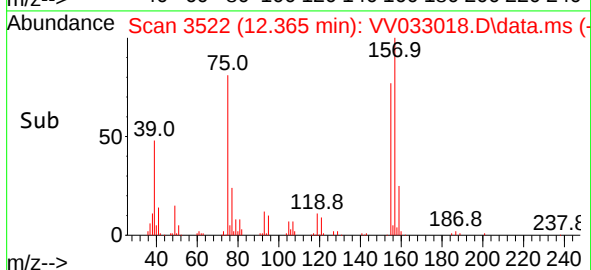
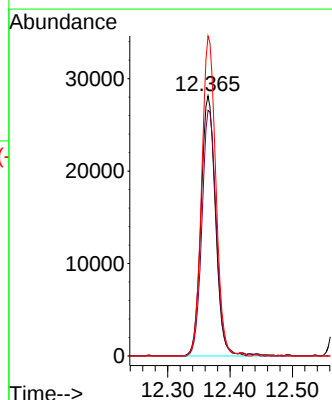
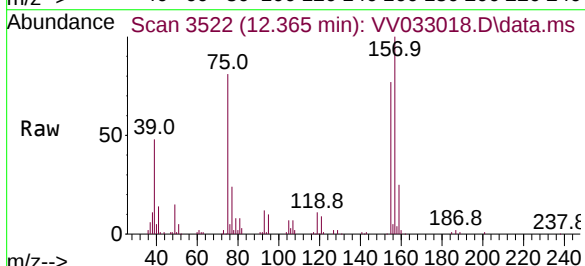
Tgt Ion: 75 Resp: 45766

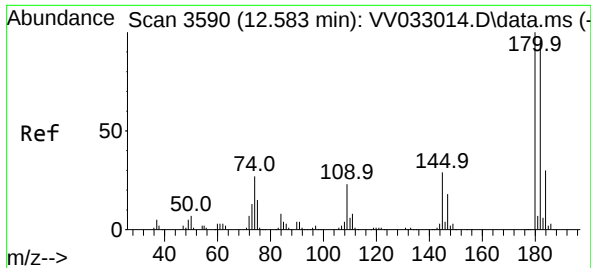
Ion Ratio Lower Upper

75 100

155 94.4 79.8 119.8

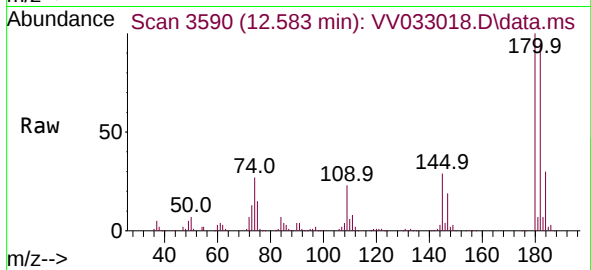
157 123.0 102.5 153.7



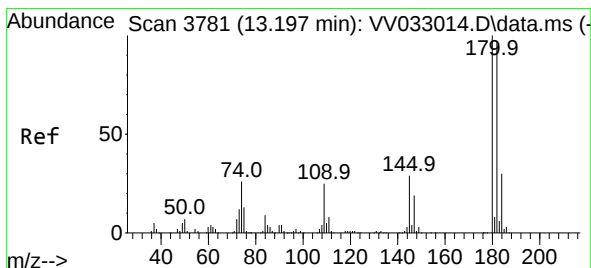
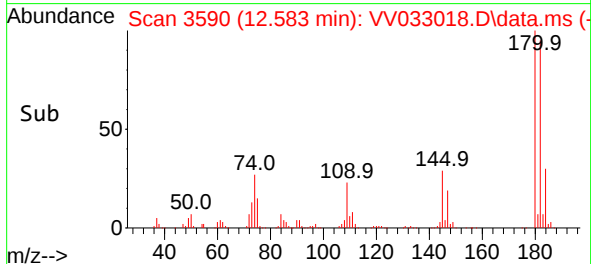
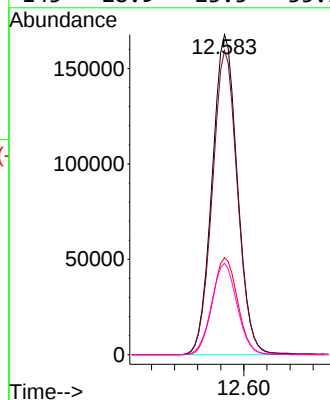


#69
1,3,5-Trichlorobenzene
Concen: 48.479 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. -0.000 min
Lab File: VV033018.D
Acq: 20 Nov 2023 12:14

Instrument :
MSVOA_V
ClientSampleId :

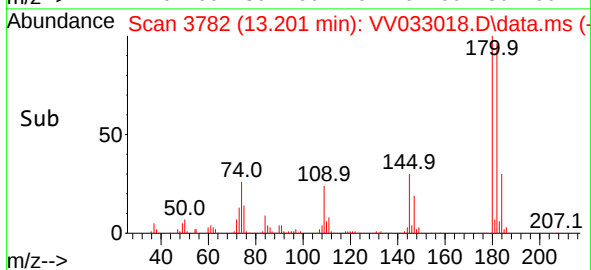
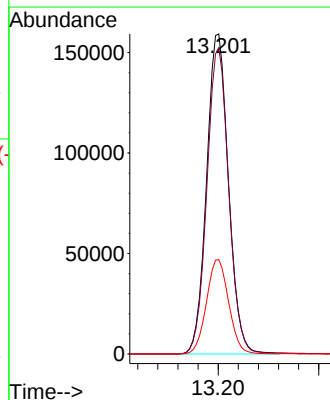
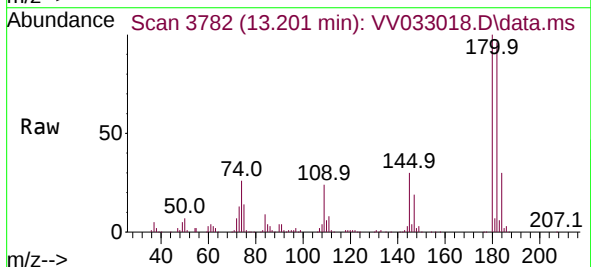


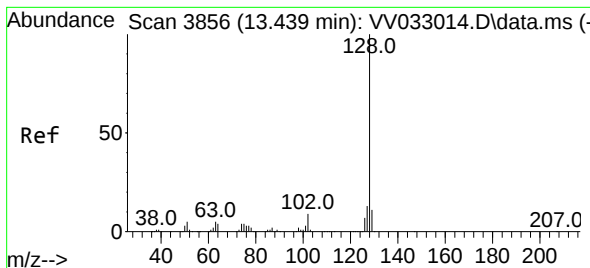
Tgt Ion:180 Resp: 254460
Ion Ratio Lower Upper
180 100
182 94.6 76.6 115.0
184 30.3 24.5 36.7
145 28.9 23.5 35.3



#70
1,2,4-trichlorobenzene
Concen: 50.171 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.003 min
Lab File: VV033018.D
Acq: 20 Nov 2023 12:14

Tgt Ion:180 Resp: 241337
Ion Ratio Lower Upper
180 100
182 94.9 76.8 115.2
145 29.9 23.2 34.8





#71

Naphthalene

Concen: 57.817 ug/L

RT: 13.438 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV033018.D

Acq: 20 Nov 2023 12:14

Instrument :

MSVOA_V

ClientSampleId :

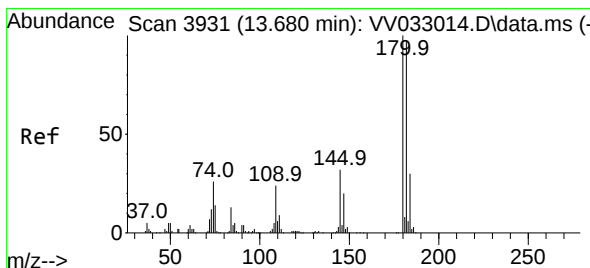
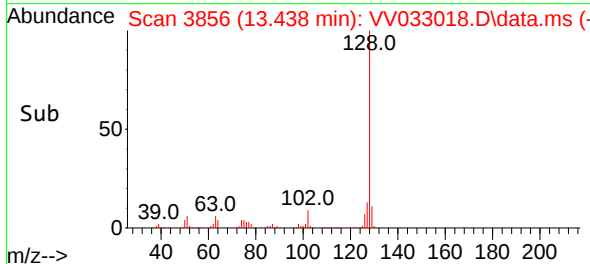
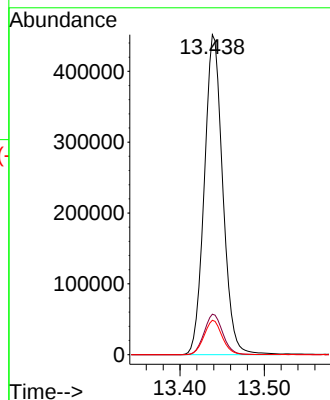
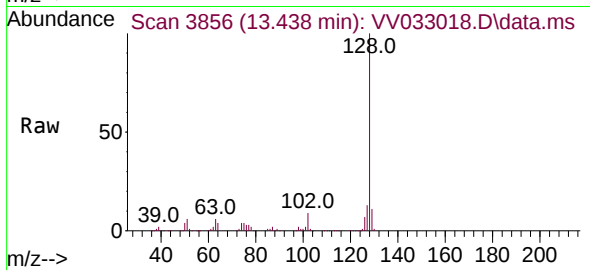
Tgt Ion:128 Resp: 687888

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.6 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 52.833 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV033018.D

Acq: 20 Nov 2023 12:14

Tgt Ion:180 Resp: 246399

Ion Ratio Lower Upper

180 100

182 93.8 76.6 114.8

145 31.9 25.5 38.3

