

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121823\
 Data File : VV033467.D
 Acq On : 18 Dec 2023 19:23
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 19 01:15:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 16 20:24:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	222316	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	226277	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	128042	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	90840	53.060	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	106.120%	
7) Chloroethane-d5	1.529	69	74936	48.774	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	97.540%	
11) 1,1-Dichloroethene-d2	2.059	65	40590	47.627	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	95.260%	
21) 2-Butanone-d5	3.783	46	87225	101.090	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	101.090%	
24) Chloroform-d	4.249	84	157959	46.643	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	93.280%	
26) 1,2-Dichloroethane-d4	4.940	65	97553	46.892	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	93.780%	
32) Benzene-d6	4.960	84	293446	48.150	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	96.300%	
36) 1,2-Dichloropropane-d6	5.989	67	87111	47.096	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	94.200%	
41) Toluene-d8	7.243	98	273963	49.129	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	98.260%	
43) trans-1,3-Dichloroprop...	7.554	79	42044	46.381	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	92.760%	
47) 2-Hexanone-d5	8.024	63	63034	101.321	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	101.320%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	125806	47.324	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	94.640%	
66) 1,2-Dichlorobenzene-d4	11.561	152	105556	43.870	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	87.740%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.105	85	93322	51.093	ug/L	100
3) Chloromethane	1.214	50	89362	53.143	ug/L	98
5) Vinyl chloride	1.281	62	94234	52.275	ug/L	99
6) Bromomethane	1.484	94	63563	49.259	ug/L	98
8) Chloroethane	1.548	64	64511	53.010	ug/L	99
9) Trichlorofluoromethane	1.712	101	162782	51.497	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	92025	49.901	ug/L	98
12) 1,1-Dichloroethene	2.069	96	82417	52.608	ug/L	95
13) Acetone	2.108	43	108921	108.750	ug/L	98
14) Carbon disulfide	2.240	76	199131	49.740	ug/L	98
15) Methyl Acetate	2.371	43	86857	60.722	ug/L	97
16) Methylene chloride	2.445	84	90488	51.716	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	77048	52.031	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	243339	54.113	ug/L	99
19) 1,1-Dichloroethane	3.111	63	157140	55.368	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	86199	51.341	ug/L	98
22) 2-Butanone	3.866	43	112822	114.336	ug/L	100
23) Bromochloromethane	4.149	128	48537	52.742	ug/L	95
25) Chloroform	4.275	83	172311	53.950	ug/L	98

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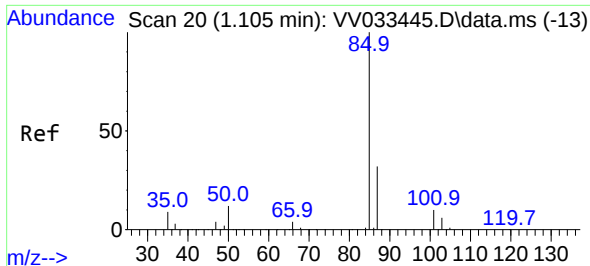
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	132583	53.853	ug/L	99
29) Cyclohexane	4.583	56	108782	53.340	ug/L	97
30) 1,1,1-Trichloroethane	4.513	97	148795	53.260	ug/L	99
31) Carbon tetrachloride	4.738	117	130101	52.036	ug/L	99
33) Benzene	5.011	78	337017	55.880	ug/L	100
34) Trichloroethene	5.834	95	87940	53.148	ug/L	97
35) Methylcyclohexane	6.053	83	123478	52.030	ug/L	99
37) 1,2-Dichloropropane	6.095	63	87311	53.381	ug/L	99
38) Bromodichloromethane	6.432	83	125376	53.259	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	132696	55.767	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	225453	129.165	ug/L	99
42) Toluene	7.317	91	360880	56.454	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	130172	54.517	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	95566	56.058	ug/L	98
46) Tetrachloroethene	7.905	164	65652	50.779	ug/L	97
48) 2-Hexanone	8.075	43	184265	126.572	ug/L	98
49) Dibromochloromethane	8.178	129	97009	53.815	ug/L	97
50) 1,2-Dibromoethane	8.281	107	98615	56.117	ug/L	95
51) Chlorobenzene	8.815	112	242853	52.716	ug/L	98
52) Ethylbenzene	8.947	91	392781	55.173	ug/L	99
53) m,p-Xylene	9.072	106	151434	56.617	ug/L	99
54) o-Xylene	9.480	106	143664	55.316	ug/L	100
55) Styrene	9.496	104	270101	58.928	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	147174	56.211	ug/L	99
59) Bromoform	9.667	173	68098	51.550	ug/L	100
60) Isopropylbenzene	9.869	105	396118	54.479	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	113877	55.489	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	296351	53.777	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	312755	54.646	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	196222	51.924	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	203137	49.945	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	197669	50.255	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	28959	52.091	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	131041	50.141	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	114605	50.165	ug/L	99
71) Naphthalene	13.442	128	311679	50.707	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	121480	54.364	ug/L	99

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

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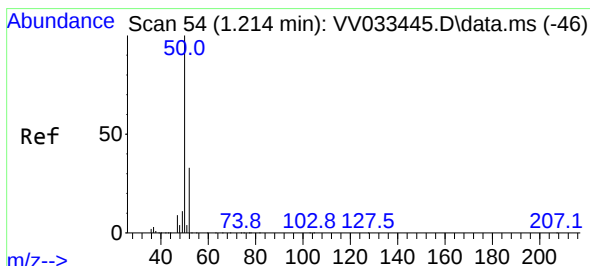
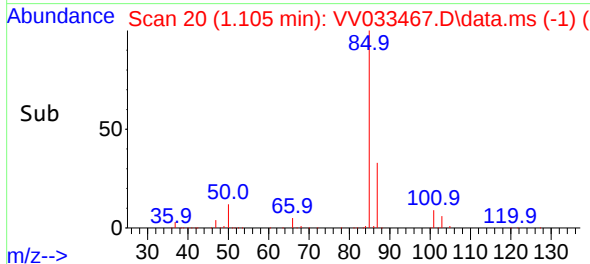
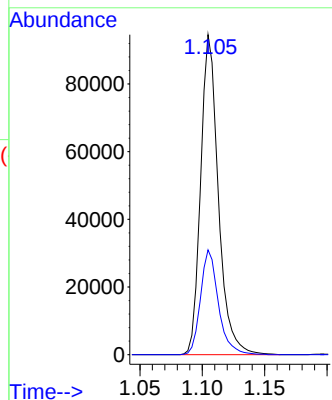
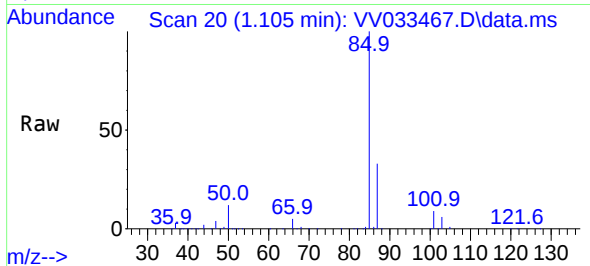




#2
 Dichlorodifluoromethane
 Concen: 51.093 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV033467.D
 Acq: 18 Dec 2023 19:23

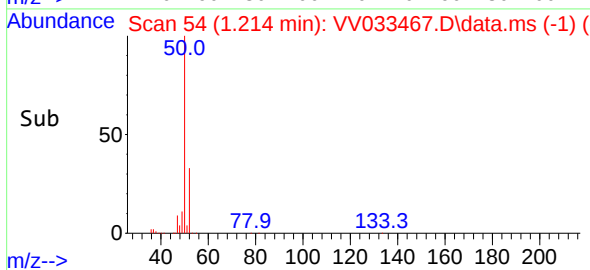
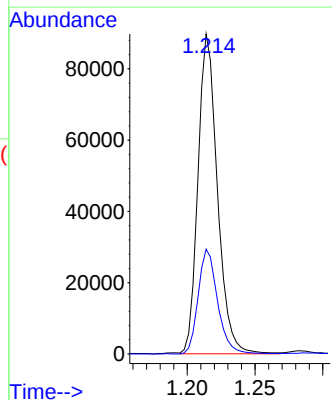
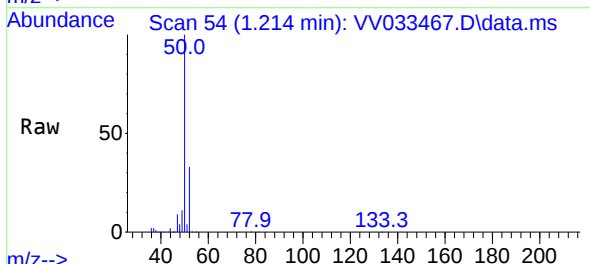
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 ClientSampleId :

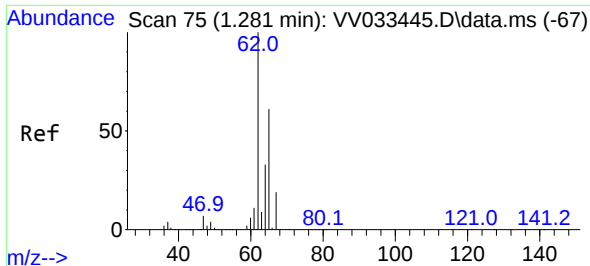
Tgt Ion: 85 Resp: 93322
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.6 39.8



#3
 Chloromethane
 Concen: 53.143 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV033467.D
 Acq: 18 Dec 2023 19:23

Tgt Ion: 50 Resp: 89362
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.3 41.5



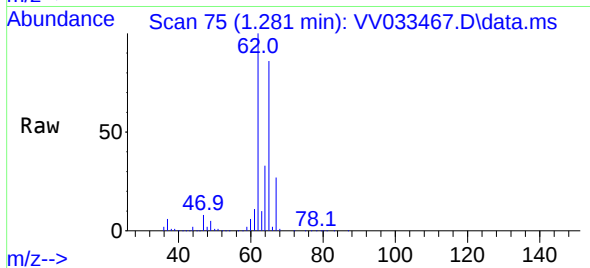


#5
Vinyl chloride
Concen: 52.275 ug/L
RT: 1.281 min Scan# 75
Delta R.T. -0.000 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

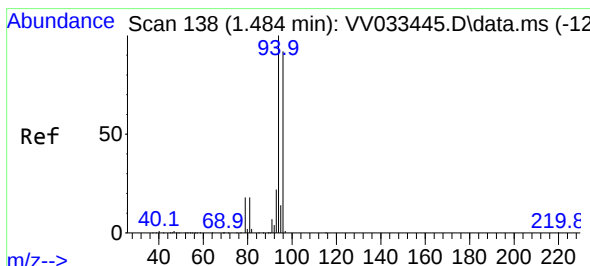
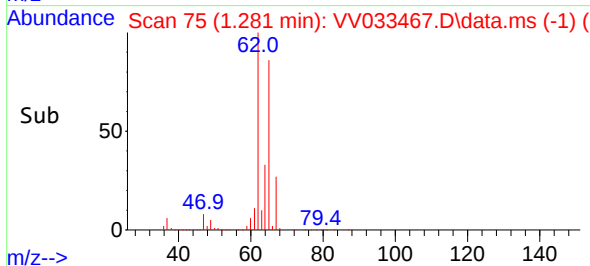
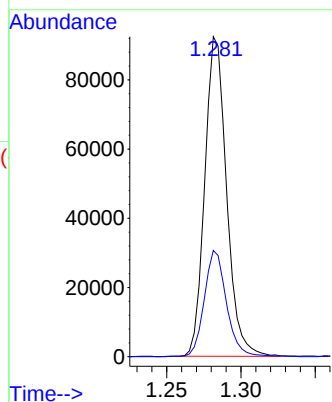
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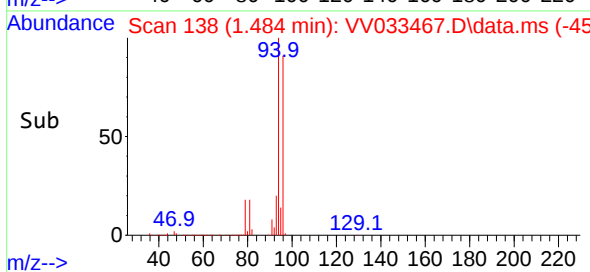
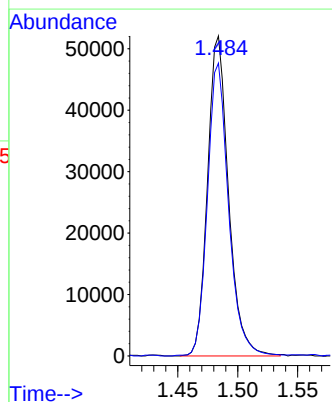
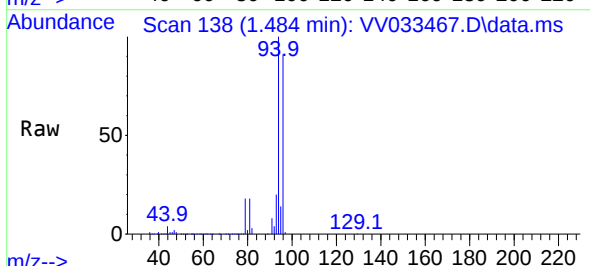


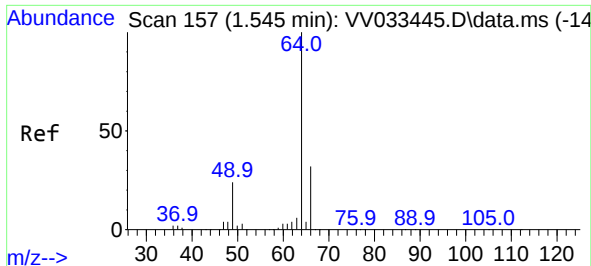
Tgt Ion: 62 Resp: 94234
Ion Ratio Lower Upper
62 100
64 33.2 23.4 43.6



#6
Bromomethane
Concen: 49.259 ug/L
RT: 1.484 min Scan# 138
Delta R.T. -0.000 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

Tgt Ion: 94 Resp: 63563
Ion Ratio Lower Upper
94 100
96 91.5 65.1 120.9

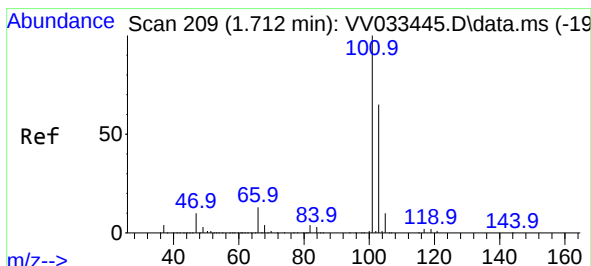
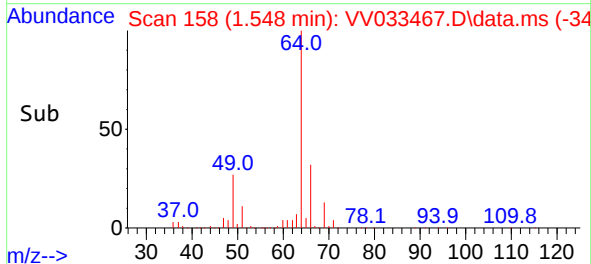
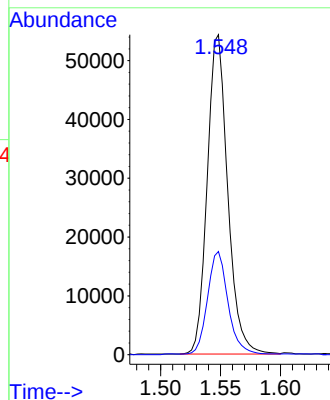
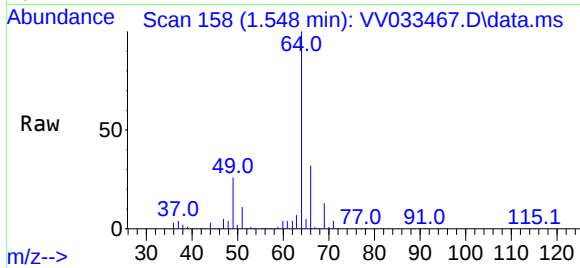




#8
Chloroethane
Concen: 53.010 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

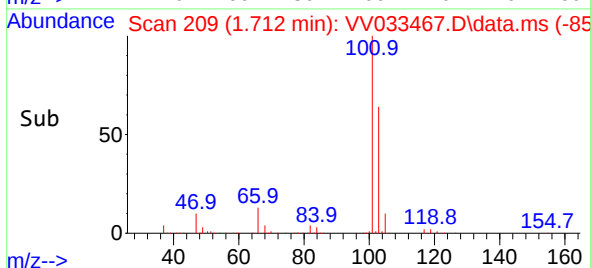
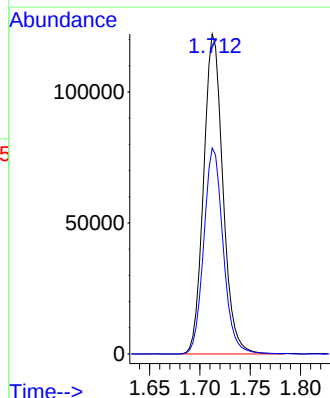
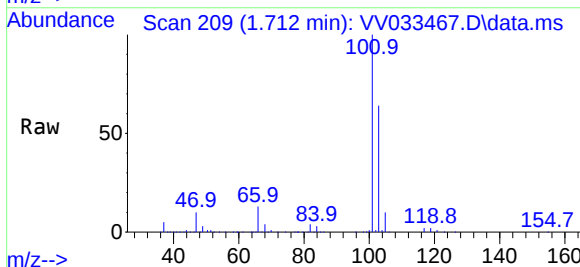
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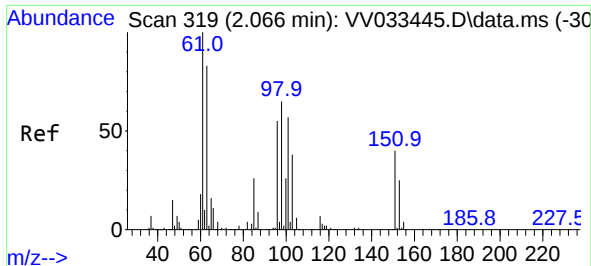
Tgt Ion: 64 Resp: 64511
Ion Ratio Lower Upper
64 100
66 32.3 22.1 41.1



#9
Trichlorofluoromethane
Concen: 51.497 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

Tgt Ion:101 Resp: 162782
Ion Ratio Lower Upper
101 100
103 64.7 52.2 78.4

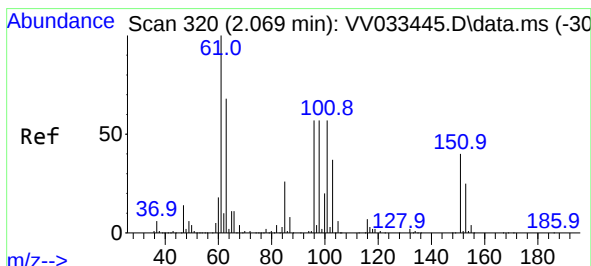
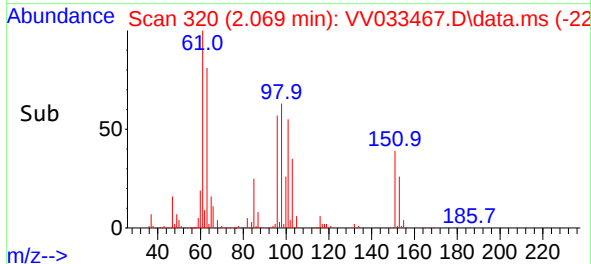
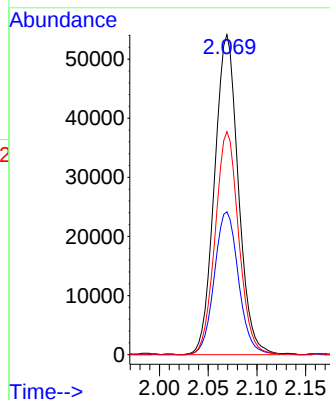
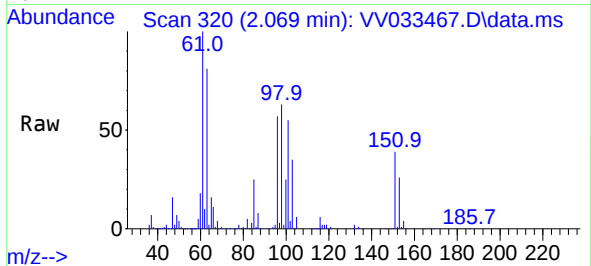




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.901 ug/L
RT: 2.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

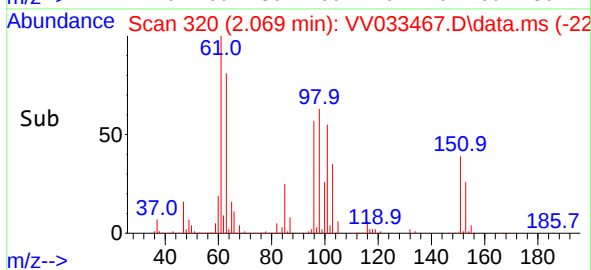
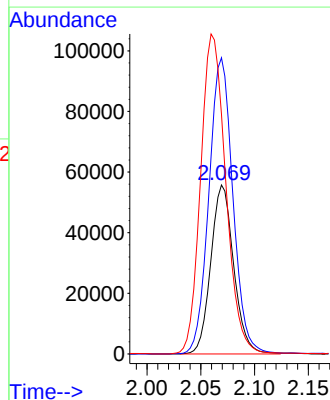
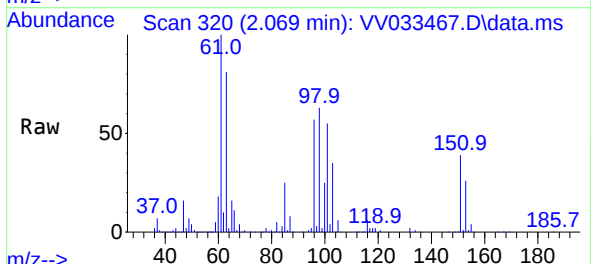
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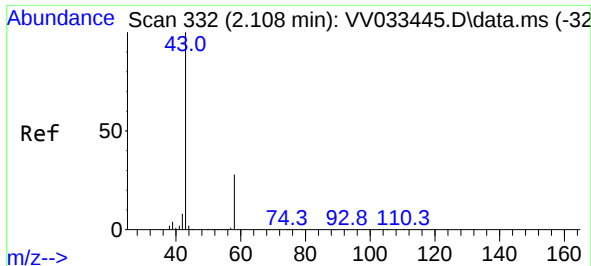
Tgt Ion:101 Resp: 92025
Ion Ratio Lower Upper
101 100
85 45.5 36.6 54.8
151 69.0 57.0 85.6



#12
1,1-Dichloroethene
Concen: 52.608 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

Tgt Ion: 96 Resp: 82417
Ion Ratio Lower Upper
96 100
61 175.4 124.3 230.8
63 141.9 108.1 200.7





#13

Acetone

Concen: 108.750 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033467.D

Acq: 18 Dec 2023 19:23

Instrument :

MSVOA_V

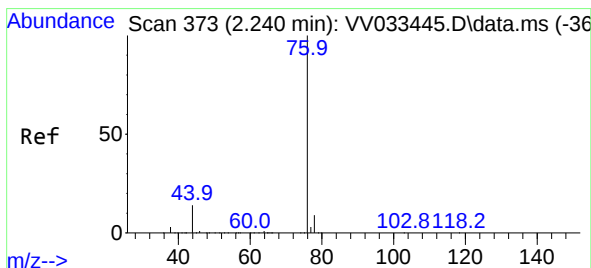
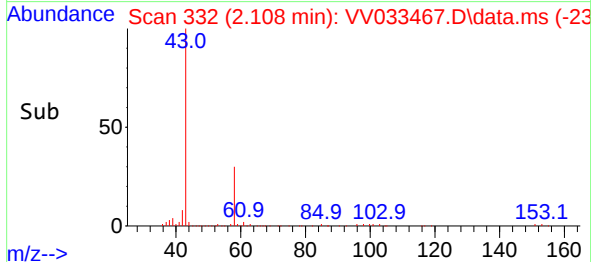
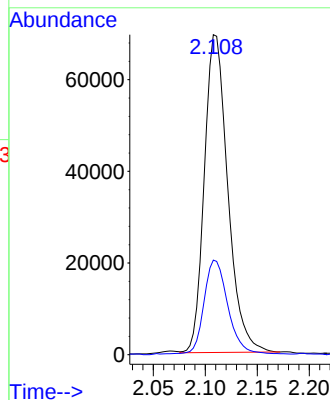
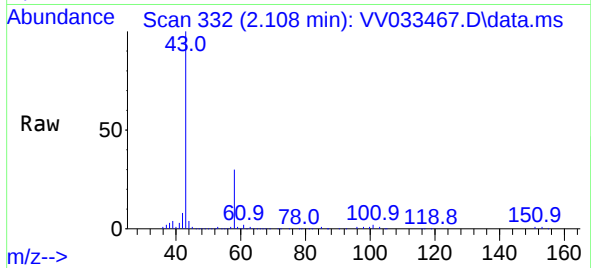
ClientSampleId :

Tgt Ion: 43 Resp: 108921

Ion Ratio Lower Upper

43 100

58 30.6 0.0 59.2



#14

Carbon disulfide

Concen: 49.740 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV033467.D

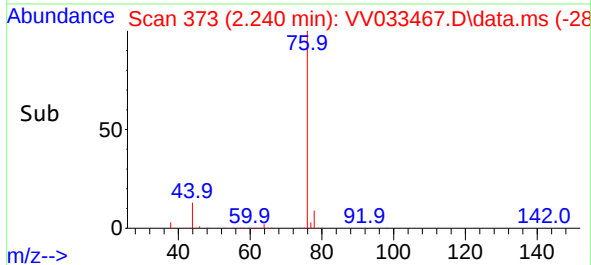
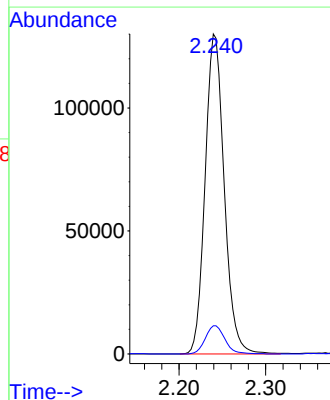
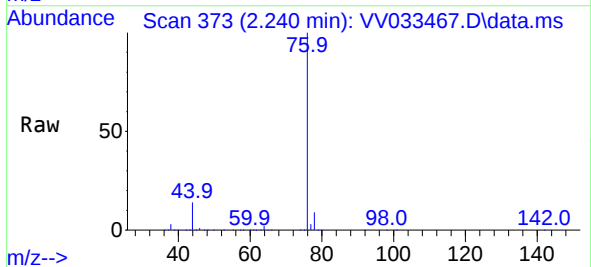
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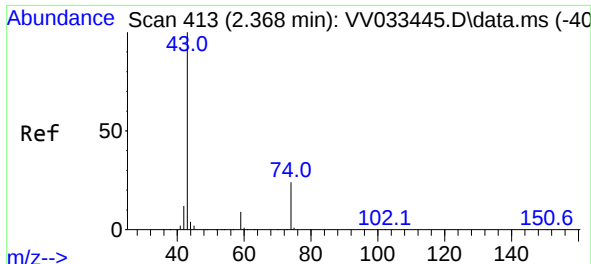
Tgt Ion: 76 Resp: 199131

Ion Ratio Lower Upper

76 100

78 8.8 7.6 11.4

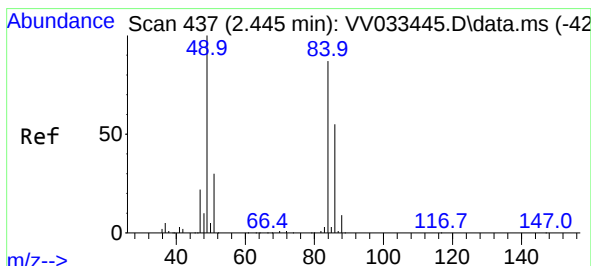
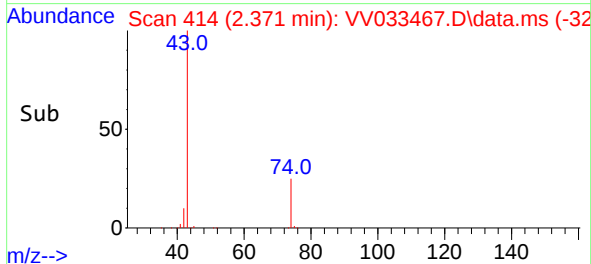
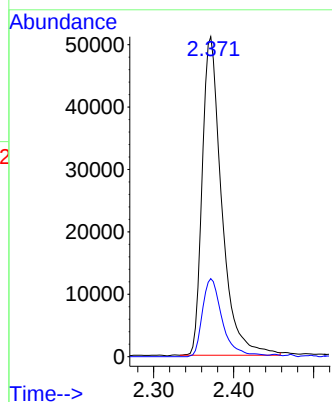
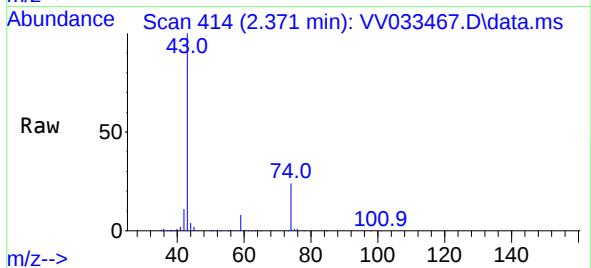




#15
Methyl Acetate
Concen: 60.722 ug/L
RT: 2.371 min Scan# 413
Delta R.T. -0.000 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

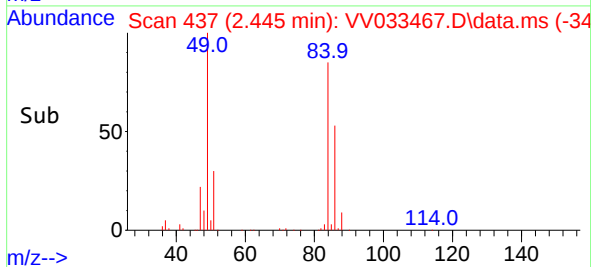
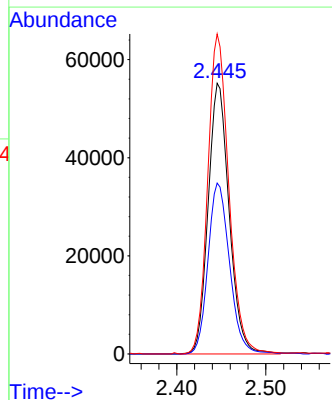
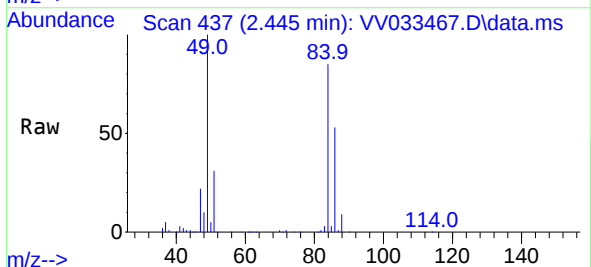
Instrument :
MSVOA_V
ClientSampleId :

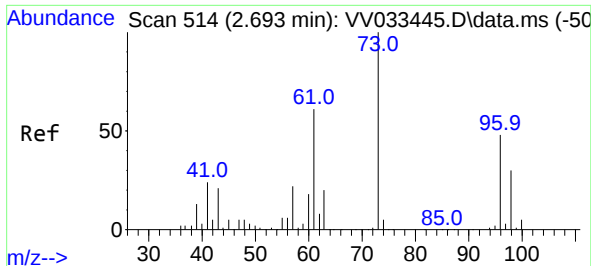
Tgt Ion: 43 Resp: 86857
Ion Ratio Lower Upper
43 100
74 24.6 20.8 31.2



#16
Methylene chloride
Concen: 51.716 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

Tgt Ion: 84 Resp: 90488
Ion Ratio Lower Upper
84 100
86 63.1 45.4 84.2
49 118.2 83.3 154.7





#17

trans-1,2-Dichloroethene

Concen: 52.031 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.000 min

Lab File: VV033467.D

Acq: 18 Dec 2023 19:23

Instrument :

MSVOA_V

ClientSampleId :

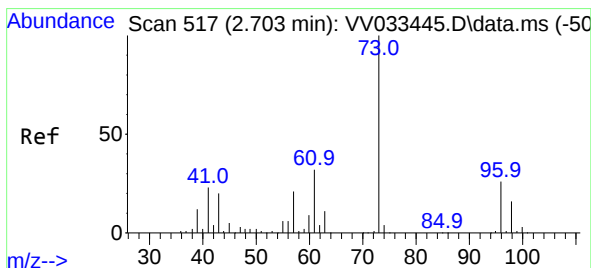
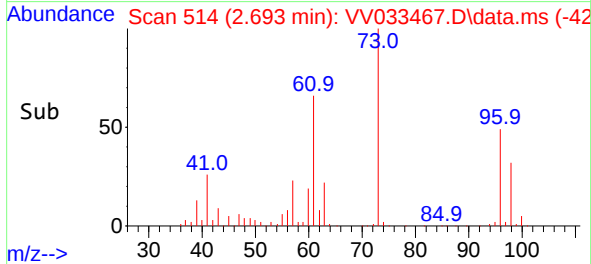
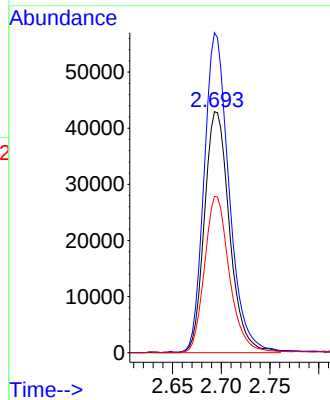
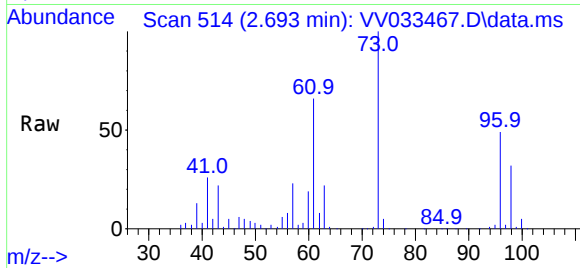
Tgt Ion: 96 Resp: 77048

Ion Ratio Lower Upper

96 100

61 132.8 89.6 166.4

98 64.8 44.1 81.9



#18

Methyl tert-butyl Ether

Concen: 54.113 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV033467.D

Acq: 18 Dec 2023 19:23

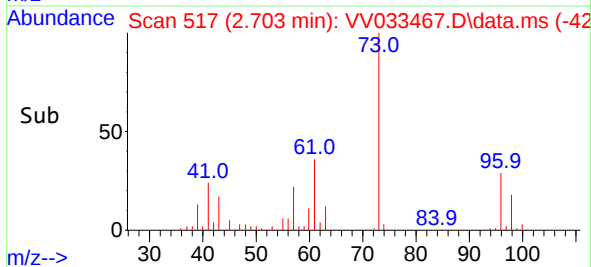
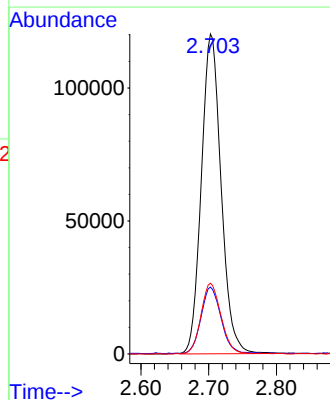
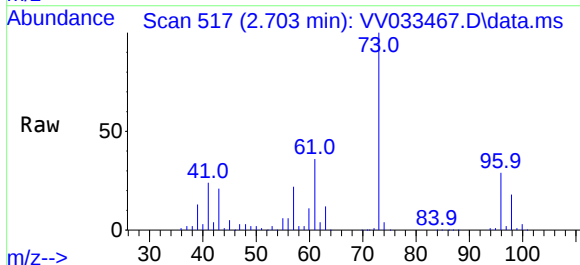
Tgt Ion: 73 Resp: 243339

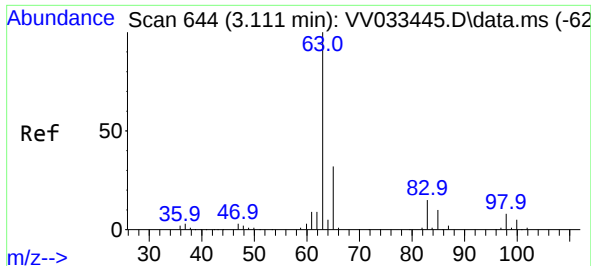
Ion Ratio Lower Upper

73 100

43 20.7 16.3 24.5

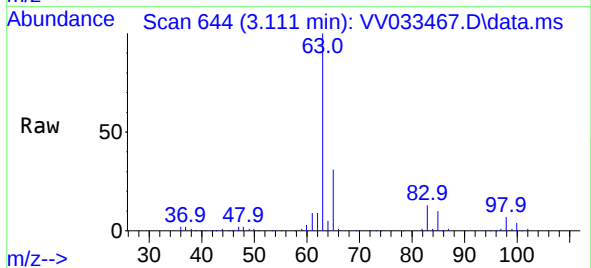
57 22.1 17.3 25.9



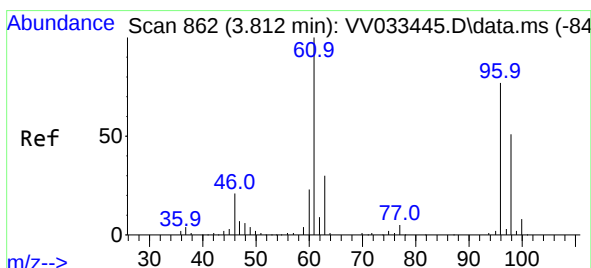
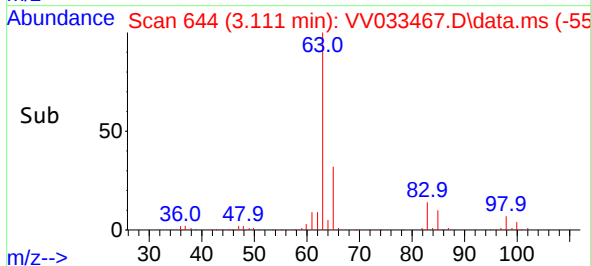
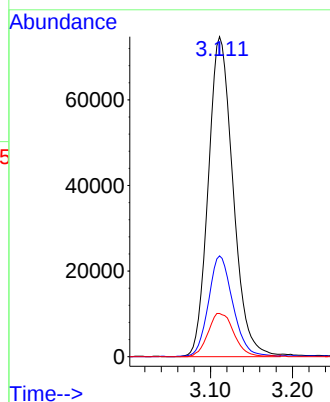


#19
1,1-Dichloroethane
Concen: 55.368 ug/L
RT: 3.111 min Scan# 644
Delta R.T. -0.000 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

Instrument :
MSVOA_V
ClientSampleId :

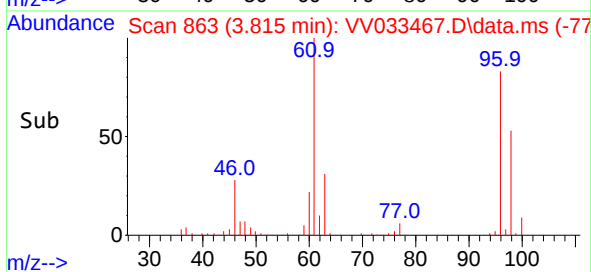
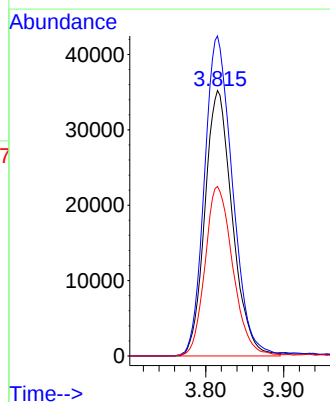
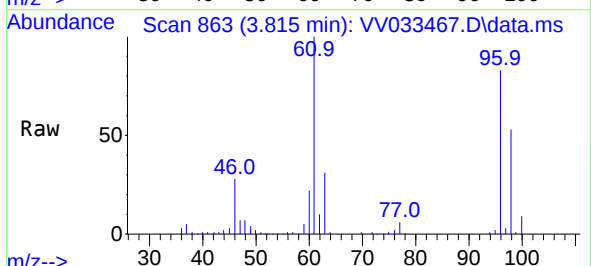


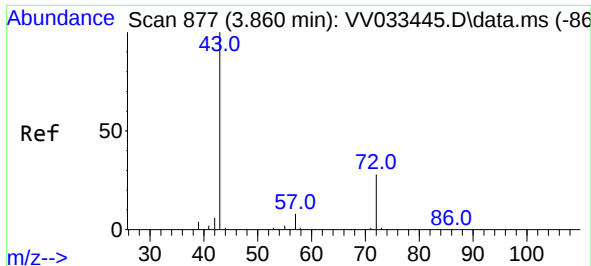
Tgt Ion: 63 Resp: 157140
Ion Ratio Lower Upper
63 100
65 31.5 21.1 39.3
83 13.5 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 51.341 ug/L
RT: 3.815 min Scan# 863
Delta R.T. -0.000 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

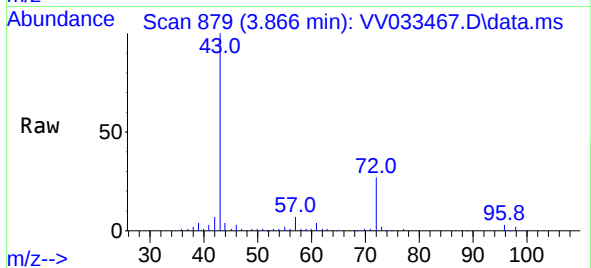
Tgt Ion: 96 Resp: 86199
Ion Ratio Lower Upper
96 100
61 120.5 81.9 152.1
98 63.8 44.3 82.3



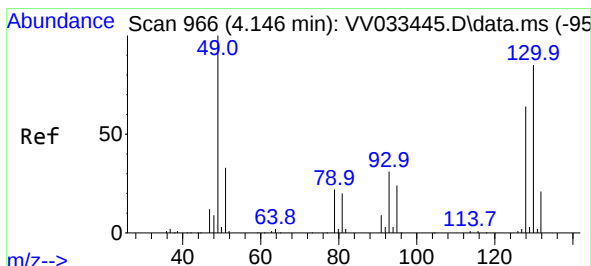
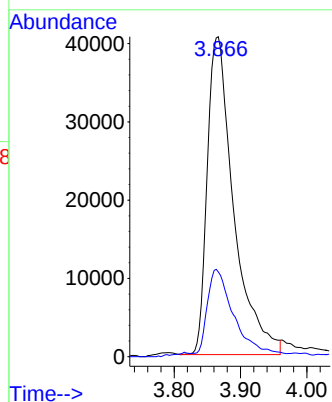
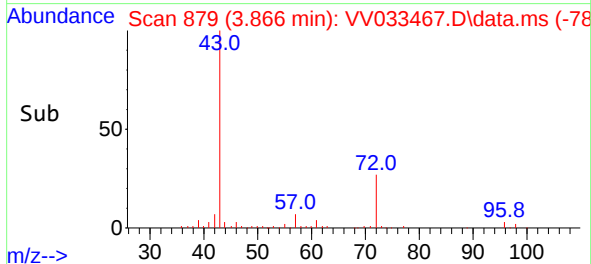


#22
2-Butanone
Concen: 114.336 ug/L
RT: 3.866 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

Instrument :
MSVOA_V
ClientSampleId :

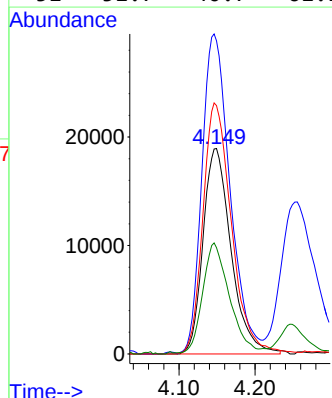
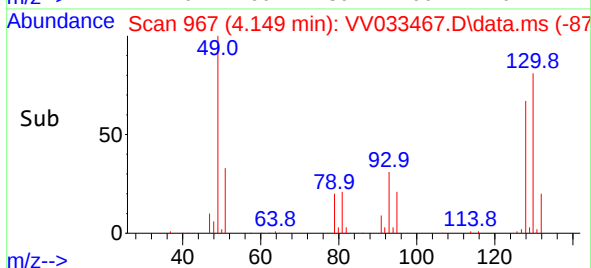
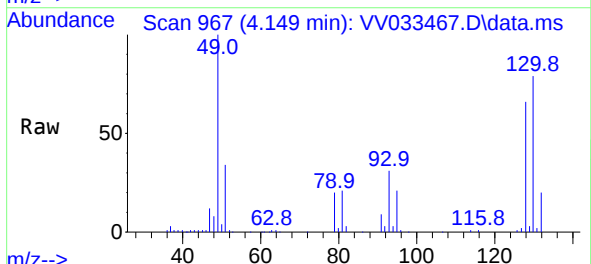


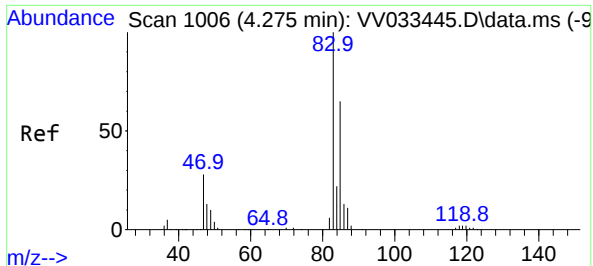
Tgt Ion: 43 Resp: 112822
Ion Ratio Lower Upper
43 100
72 24.8 12.4 37.4



#23
Bromochloromethane
Concen: 52.742 ug/L
RT: 4.149 min Scan# 967
Delta R.T. 0.003 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

Tgt Ion:128 Resp: 48537
Ion Ratio Lower Upper
128 100
49 152.4 106.0 196.9
130 120.9 93.6 173.8
51 51.7 40.7 61.1





#25

Chloroform

Concen: 53.950 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VV033467.D

Acq: 18 Dec 2023 19:23

Instrument :

MSVOA_V

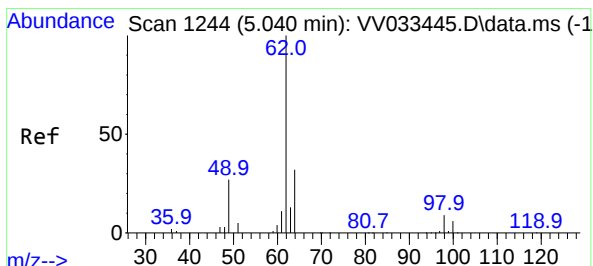
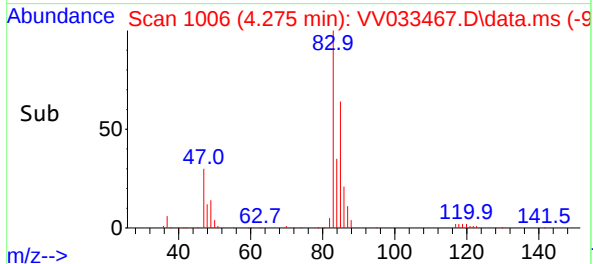
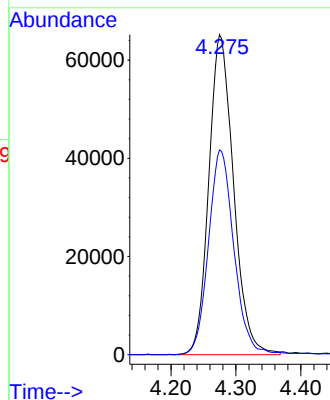
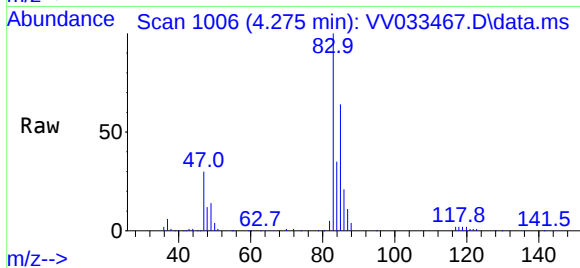
ClientSampleId :

Tgt Ion: 83 Resp: 172311

Ion Ratio Lower Upper

83 100

85 64.0 46.1 85.7



#27

1,2-Dichloroethane

Concen: 53.853 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.000 min

Lab File: VV033467.D

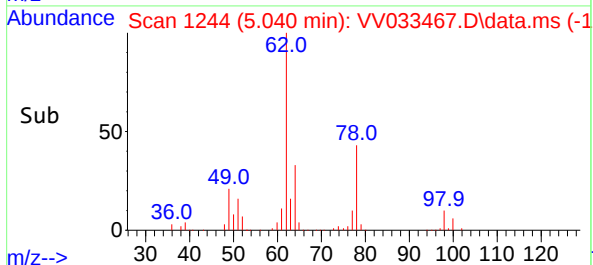
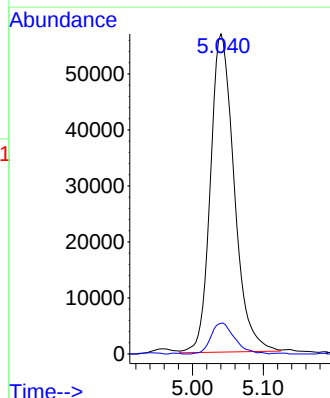
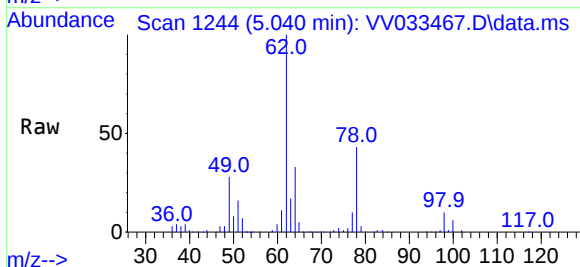
Acq: 18 Dec 2023 19:23

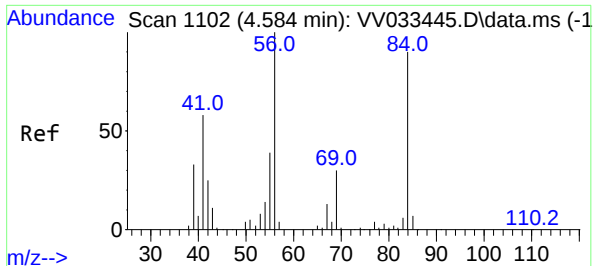
Tgt Ion: 62 Resp: 132583

Ion Ratio Lower Upper

62 100

98 9.6 8.0 12.0





#29

Cyclohexane

Concen: 53.340 ug/L

RT: 4.583 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VV033467.D

Acq: 18 Dec 2023 19:23

Instrument :

MSVOA_V

ClientSampleId :

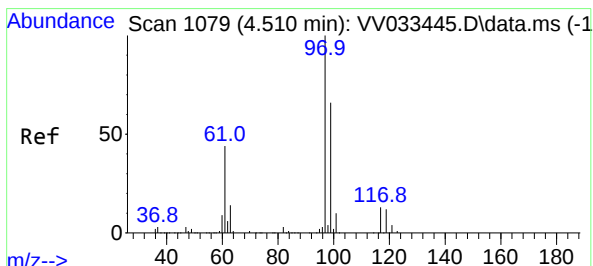
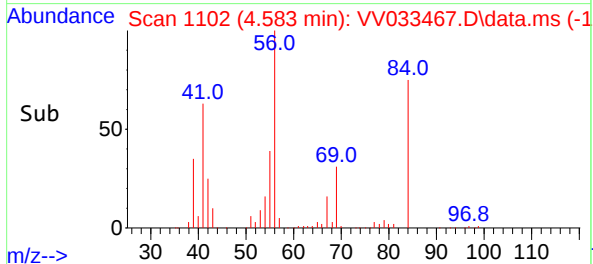
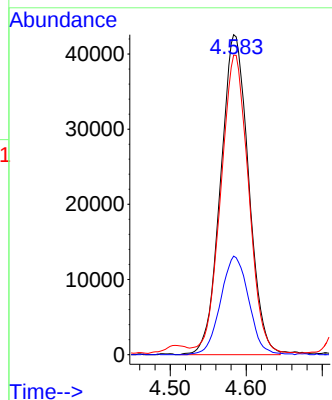
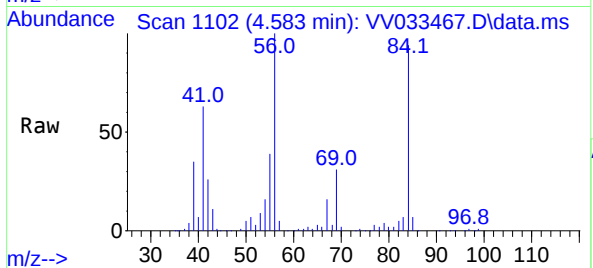
Tgt Ion: 56 Resp: 108782

Ion Ratio Lower Upper

56 100

69 30.8 25.8 38.6

84 91.3 75.2 112.8



#30

1,1,1-Trichloroethane

Concen: 53.260 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. -0.000 min

Lab File: VV033467.D

Acq: 18 Dec 2023 19:23

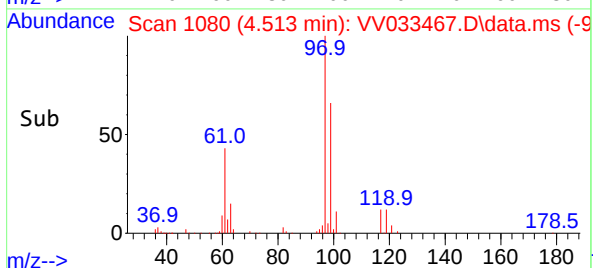
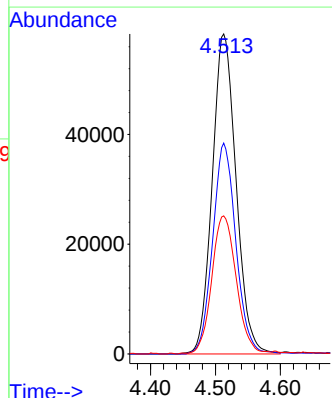
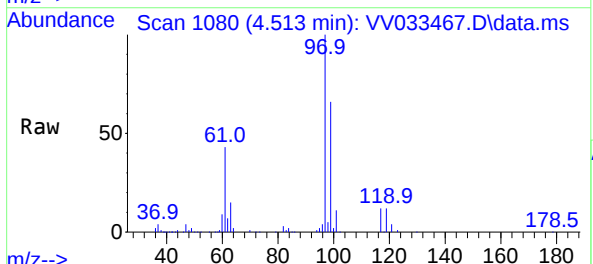
Tgt Ion: 97 Resp: 148795

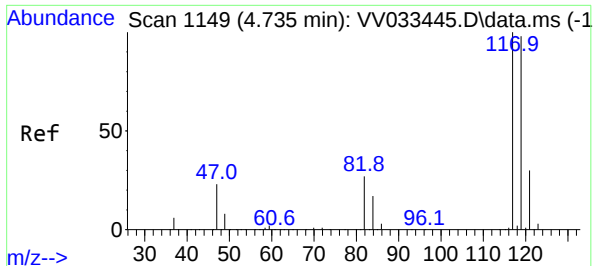
Ion Ratio Lower Upper

97 100

99 64.2 51.8 77.6

61 43.9 34.8 52.2

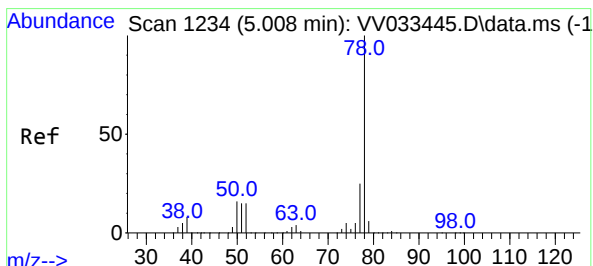
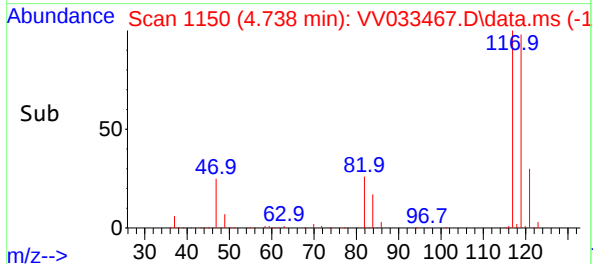
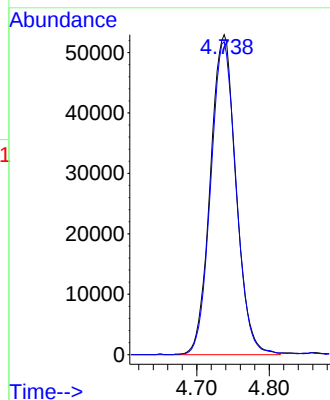
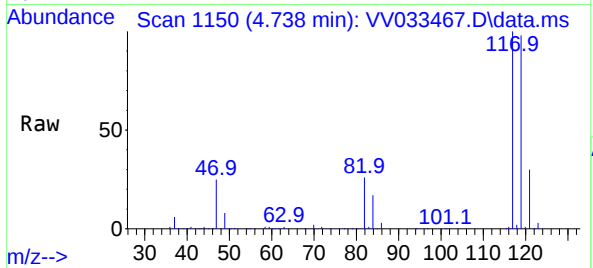




#31
Carbon tetrachloride
Concen: 52.036 ug/L
RT: 4.738 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

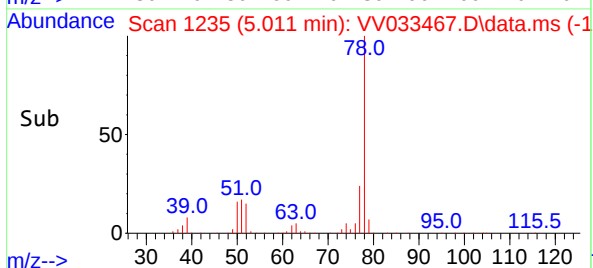
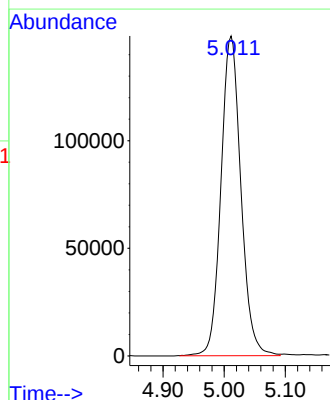
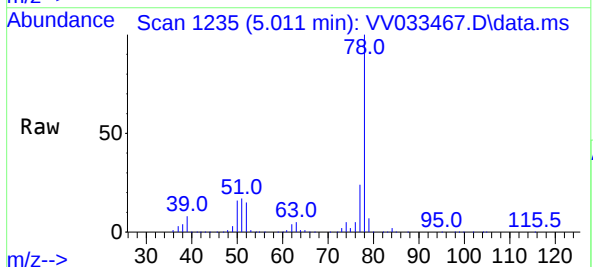
Instrument :
MSVOA_V
ClientSampleId :

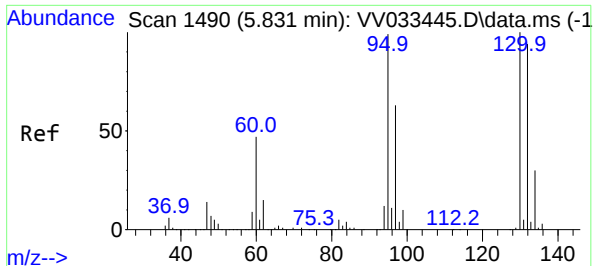
Tgt Ion:117 Resp: 130101
Ion Ratio Lower Upper
117 100
119 96.6 77.8 116.6



#33
Benzene
Concen: 55.880 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

Tgt Ion: 78 Resp: 337017

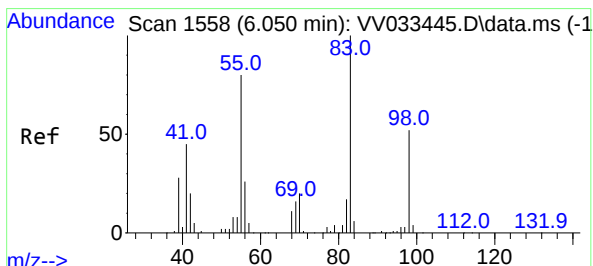
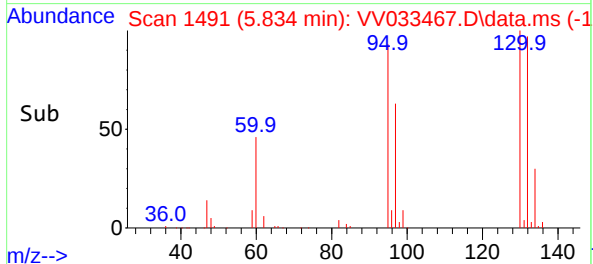
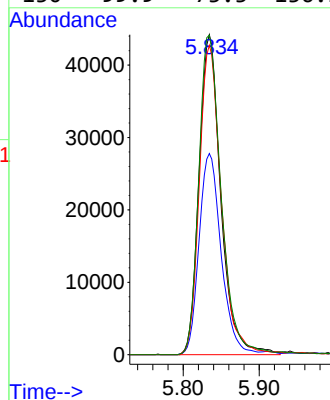
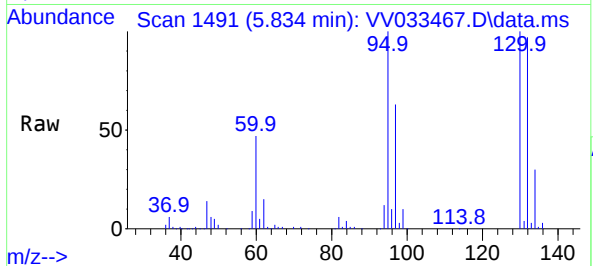




#34
Trichloroethene
Concen: 53.148 ug/L
RT: 5.834 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

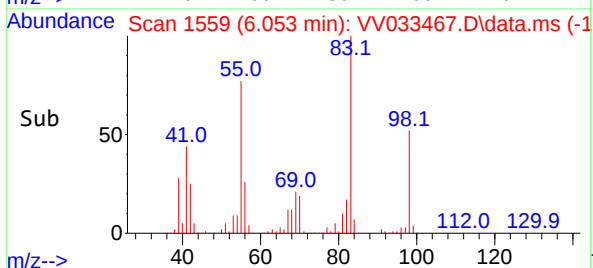
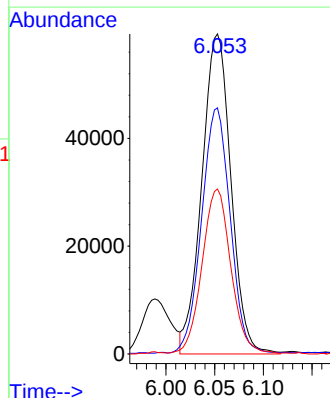
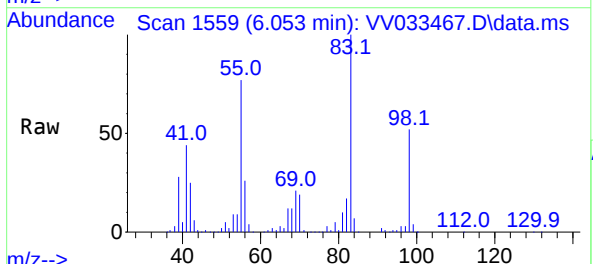
Instrument :
MSVOA_V
ClientSampleId :

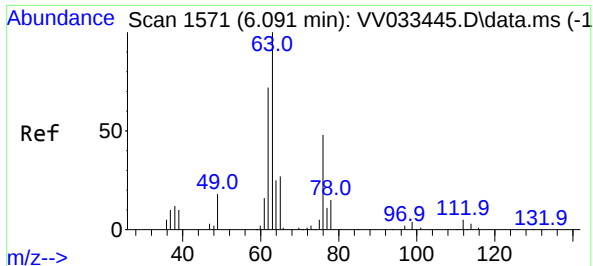
Tgt Ion: 95 Resp: 87940
Ion Ratio Lower Upper
95 100
97 62.9 44.8 83.2
132 96.7 69.9 129.7
130 99.9 73.3 136.1



#35
Methylcyclohexane
Concen: 52.030 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

Tgt Ion: 83 Resp: 123478
Ion Ratio Lower Upper
83 100
55 75.1 58.6 88.0
98 51.0 40.9 61.3

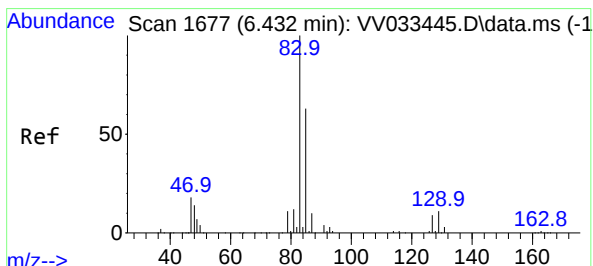
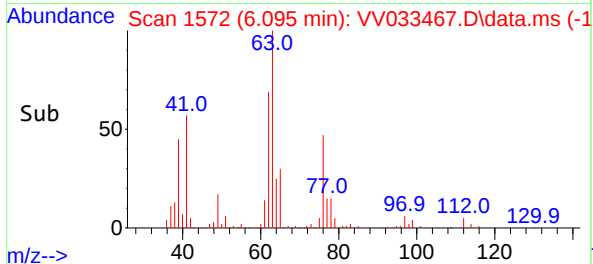
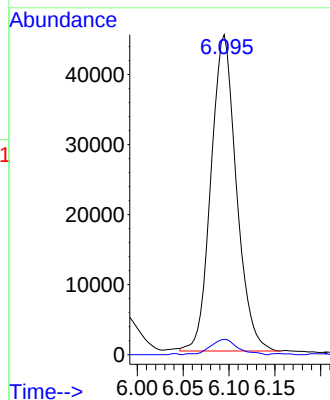
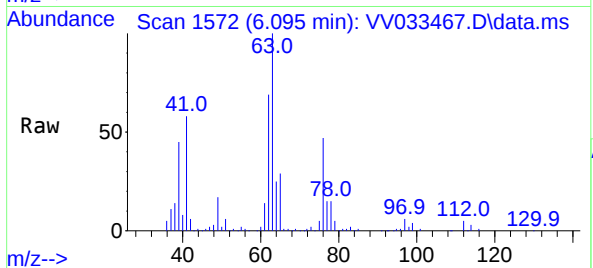




#37
1,2-Dichloropropane
Concen: 53.381 ug/L
RT: 6.095 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

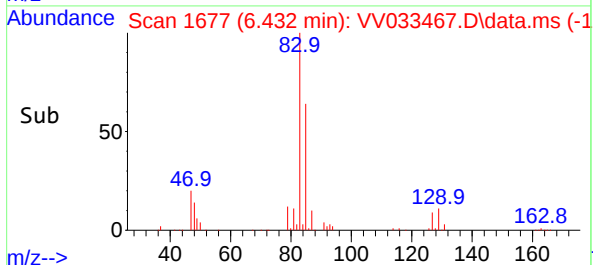
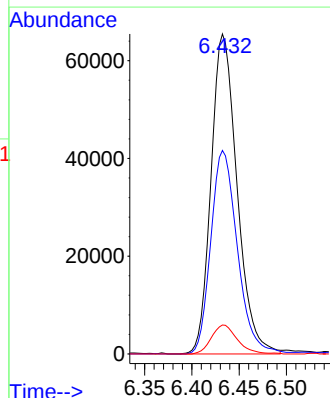
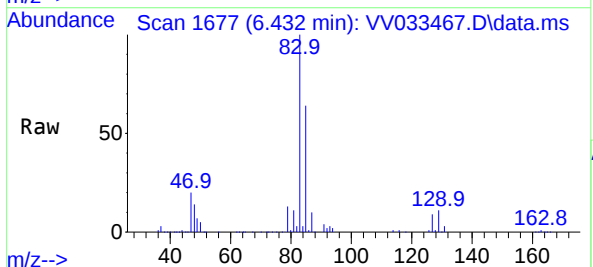
Instrument :
MSVOA_V
ClientSampleId :

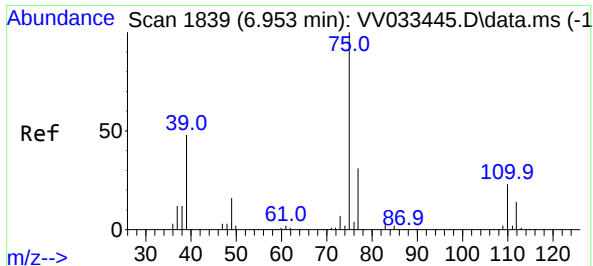
Tgt Ion: 63 Resp: 87311
Ion Ratio Lower Upper
63 100
112 5.1 3.7 5.5



#38
Bromodichloromethane
Concen: 53.259 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

Tgt Ion: 83 Resp: 125376
Ion Ratio Lower Upper
83 100
85 63.6 45.2 84.0
127 9.0 6.8 10.2

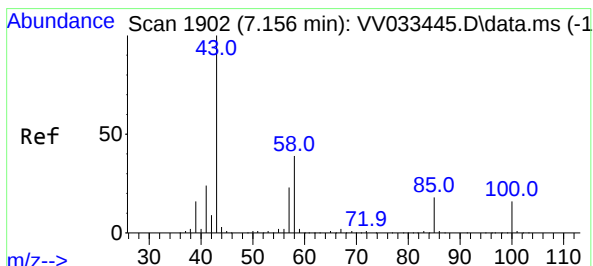
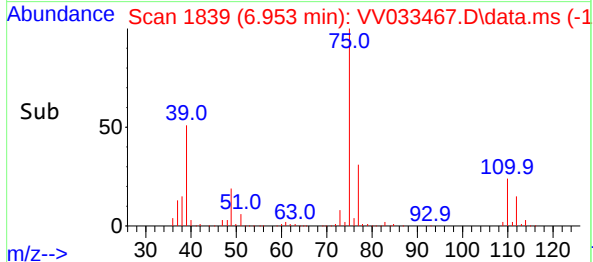
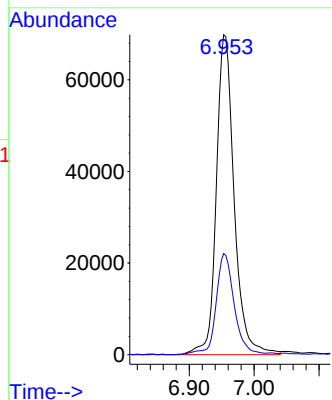
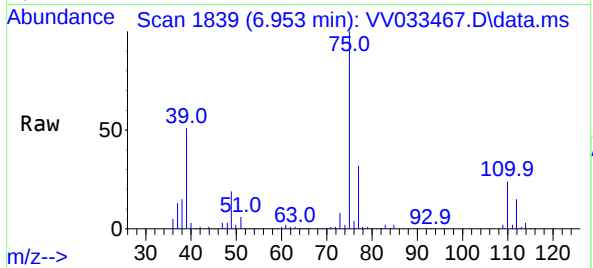




#39
 cis-1,3-Dichloropropene
 Concen: 55.767 ug/L
 RT: 6.953 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: VV033467.D
 Acq: 18 Dec 2023 19:23

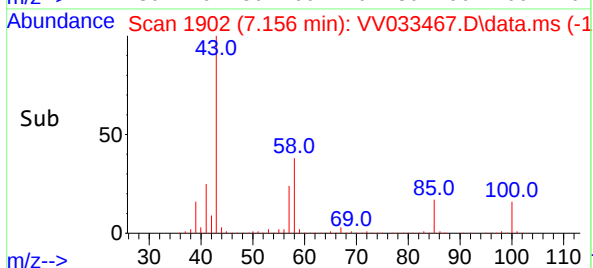
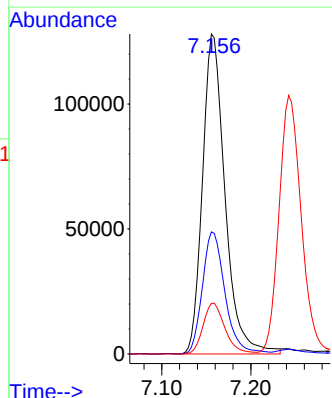
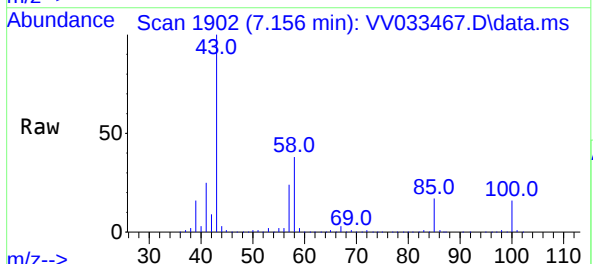
Instrument :
 MSVOA_V
 ClientSampleId :

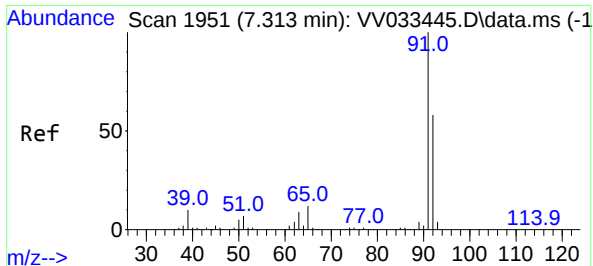
Tgt Ion: 75 Resp: 132696
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 129.165 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. -0.000 min
 Lab File: VV033467.D
 Acq: 18 Dec 2023 19:23

Tgt Ion: 43 Resp: 225453
 Ion Ratio Lower Upper
 43 100
 58 38.3 30.7 46.1
 100 15.5 13.6 20.4

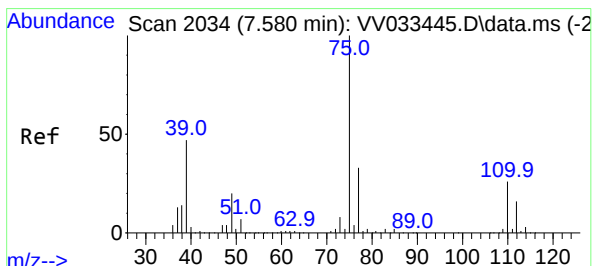
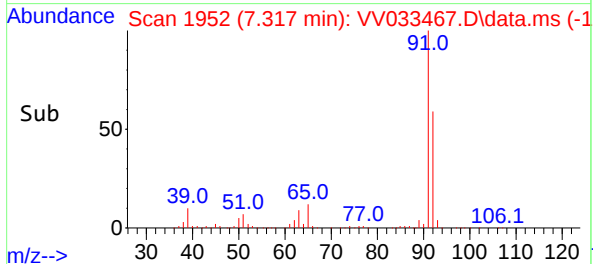
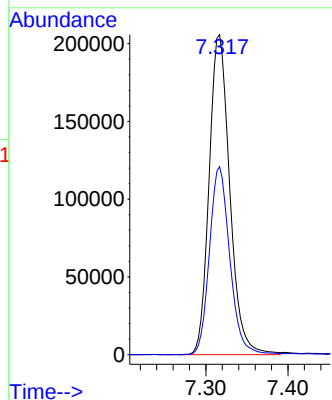
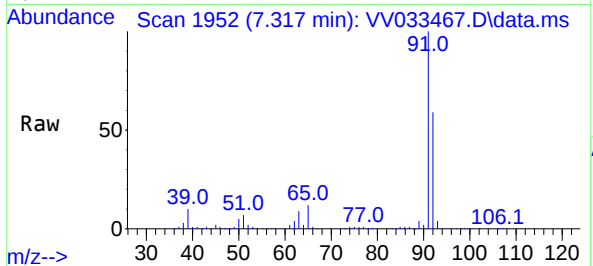




#42
Toluene
Concen: 56.454 ug/L
RT: 7.317 min Scan# 1951
Delta R.T. 0.003 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

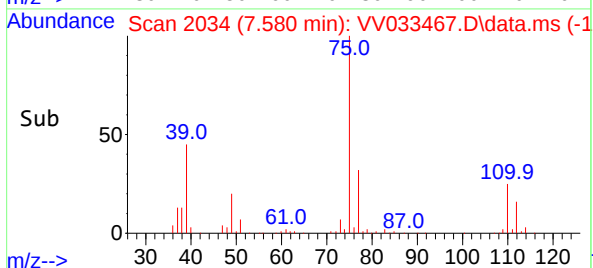
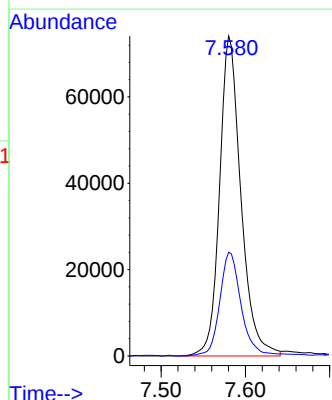
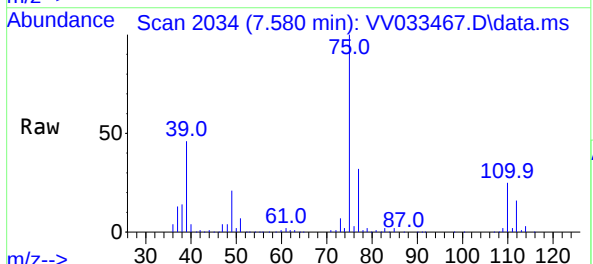
Instrument :
MSVOA_V
ClientSampleId :

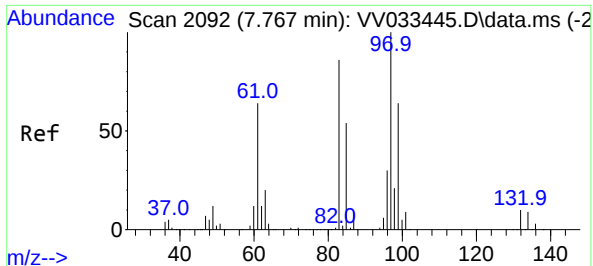
Tgt Ion: 91 Resp: 360880
Ion Ratio Lower Upper
91 100
92 58.7 41.3 76.7



#44
trans-1,3-Dichloropropene
Concen: 54.517 ug/L
RT: 7.580 min Scan# 2034
Delta R.T. -0.000 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

Tgt Ion: 75 Resp: 130172
Ion Ratio Lower Upper
75 100
77 32.4 22.4 41.6



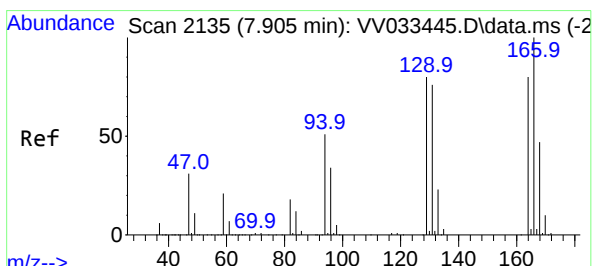
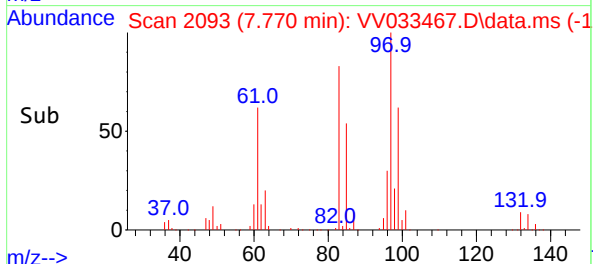
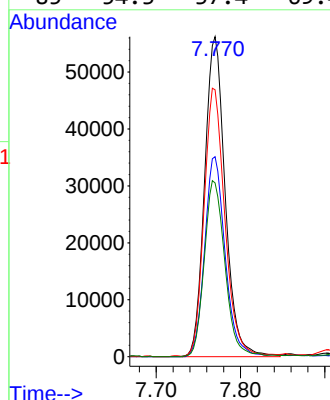
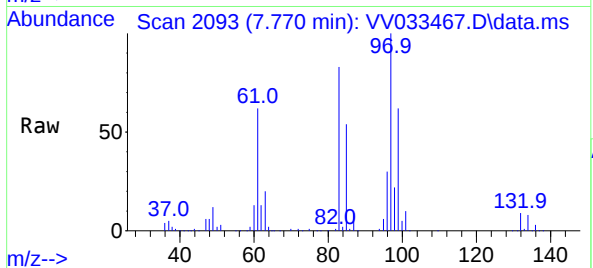


#45
1,1,2-Trichloroethane
Concen: 56.058 ug/L
RT: 7.770 min Scan# 2092
Delta R.T. 0.003 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 95566

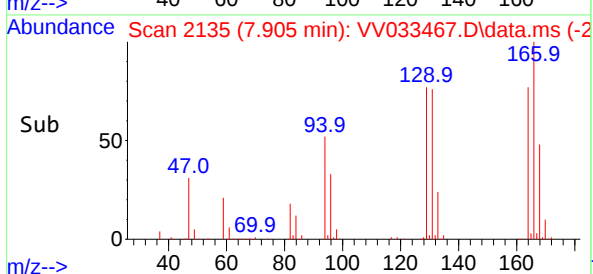
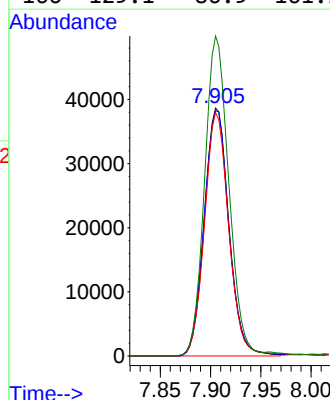
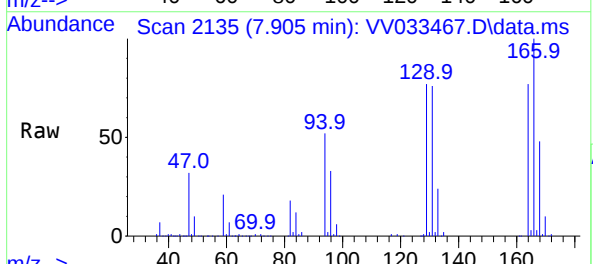
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.5	80.7
83	83.4	61.0	113.4
85	54.3	37.4	69.4

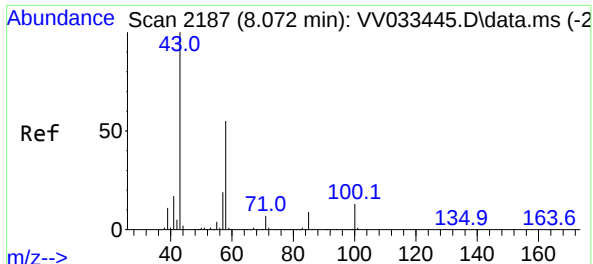


#46
Tetrachloroethene
Concen: 50.779 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

Tgt Ion: 164 Resp: 65652

Ion	Ratio	Lower	Upper
164	100		
129	98.9	68.9	127.9
131	98.2	65.3	121.3
166	129.1	86.9	161.3

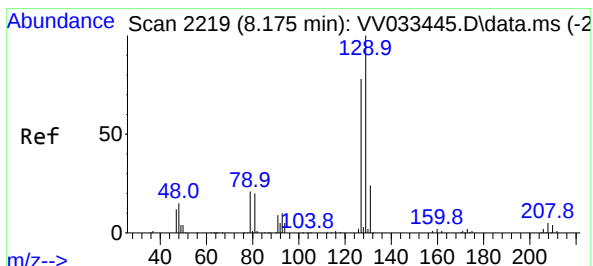
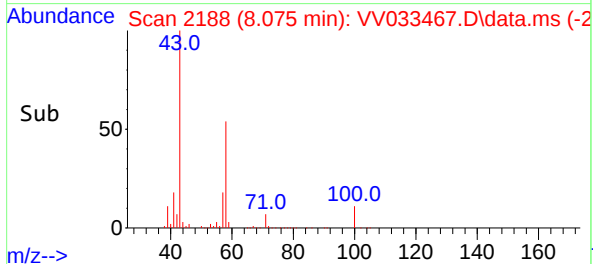
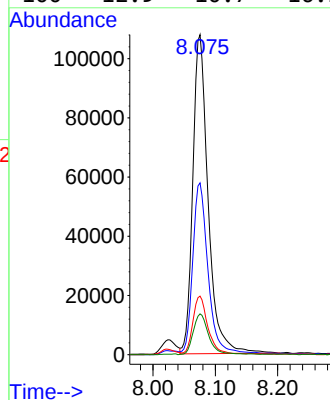
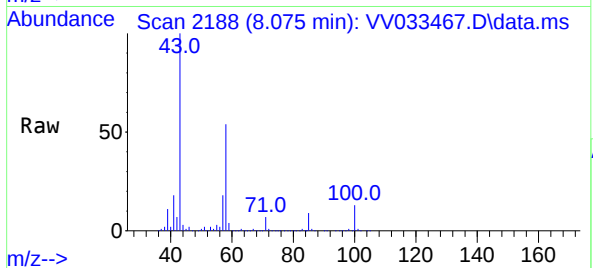




#48
2-Hexanone
Concen: 126.572 ug/L
RT: 8.075 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

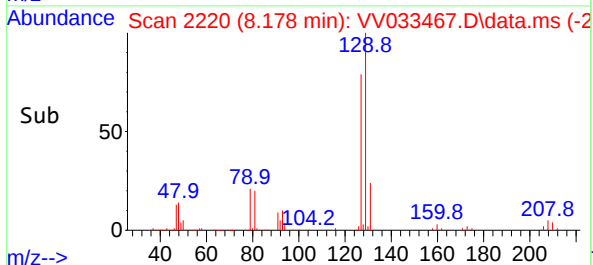
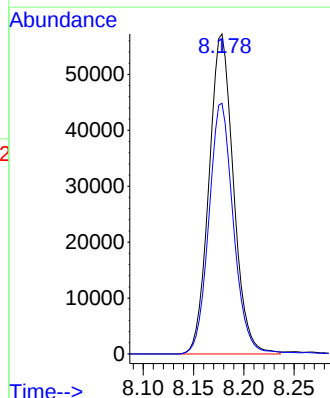
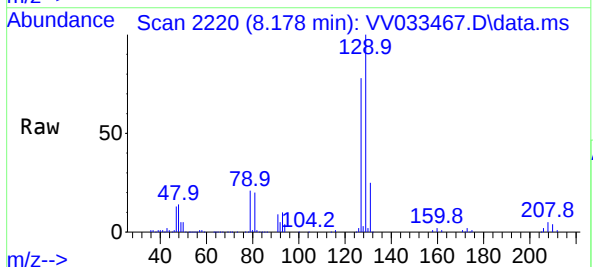
Instrument :
MSVOA_V
ClientSampleId :

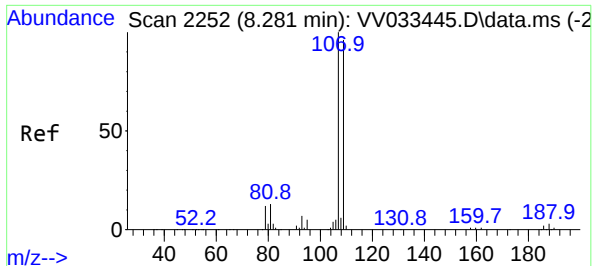
Tgt Ion: 43 Resp: 184265
Ion Ratio Lower Upper
43 100
58 52.1 43.0 64.6
57 17.1 14.7 22.1
100 12.9 10.7 16.1



#49
Dibromochloromethane
Concen: 53.815 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.003 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

Tgt Ion: 129 Resp: 97009
Ion Ratio Lower Upper
129 100
127 78.3 53.3 98.9

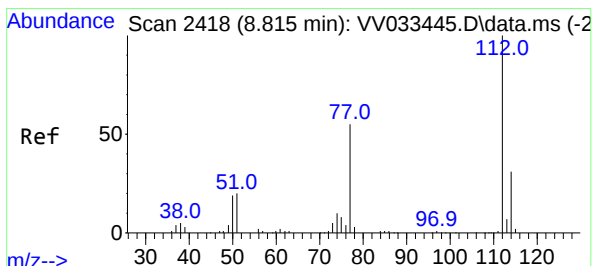
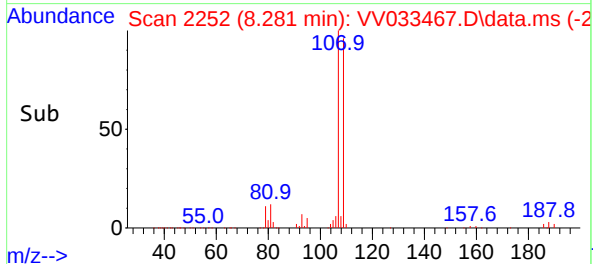
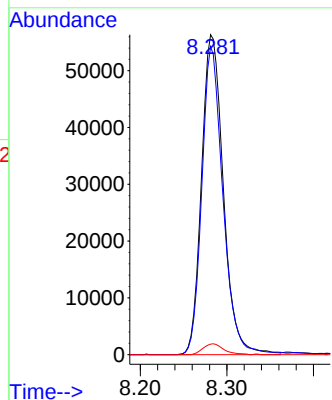
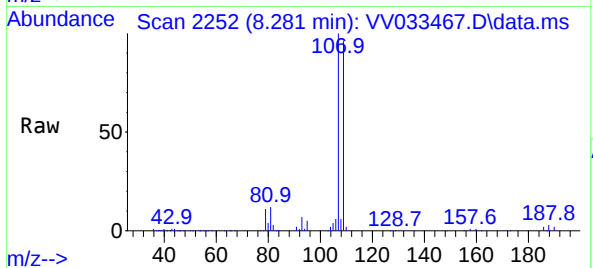




#50
1,2-Dibromoethane
Concen: 56.117 ug/L
RT: 8.281 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

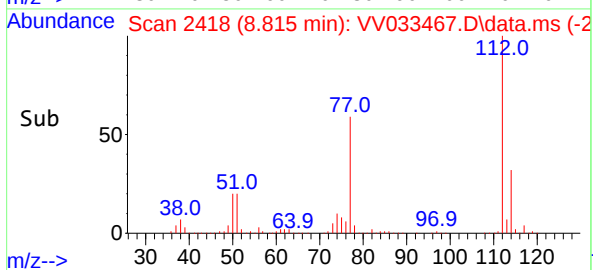
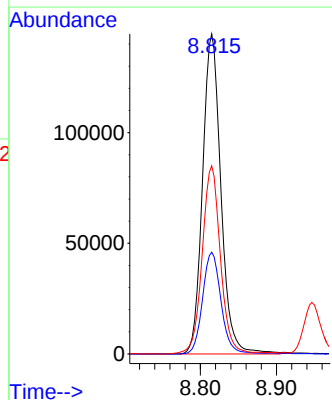
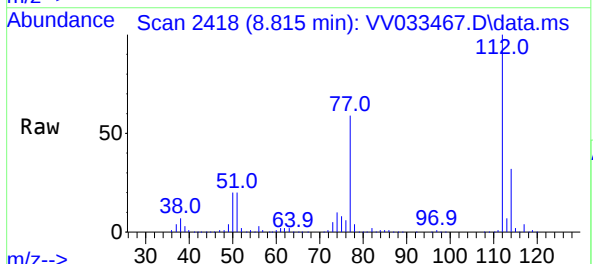
Instrument :
MSVOA_V
ClientSampleId :

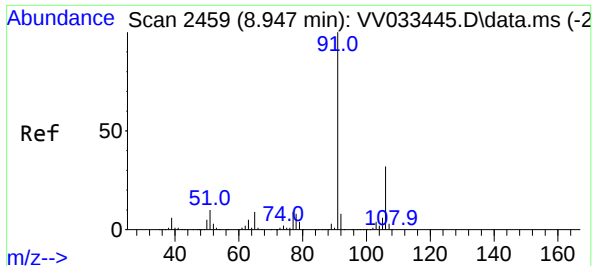
Tgt Ion:107 Resp: 98615
Ion Ratio Lower Upper
107 100
109 96.2 64.2 119.2
188 3.3 2.9 4.3



#51
Chlorobenzene
Concen: 52.716 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. -0.000 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

Tgt Ion:112 Resp: 242853
Ion Ratio Lower Upper
112 100
114 31.8 22.5 41.7
77 58.8 45.2 67.8





#52

Ethylbenzene

Concen: 55.173 ug/L

RT: 8.947 min Scan# 2459

Delta R.T. -0.000 min

Lab File: VV033467.D

Acq: 18 Dec 2023 19:23

Instrument :

MSVOA_V

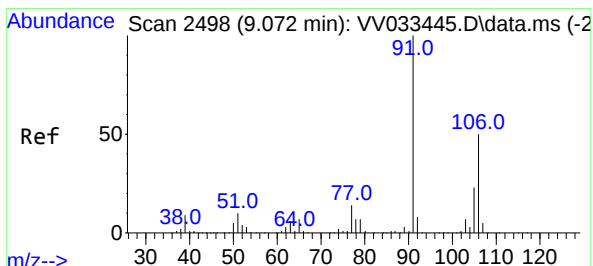
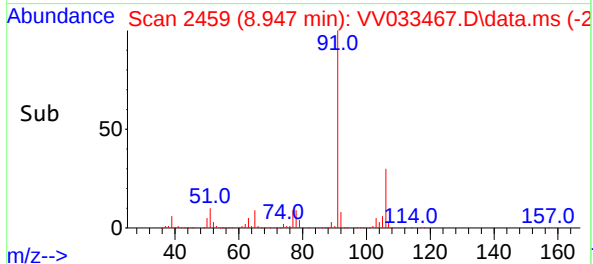
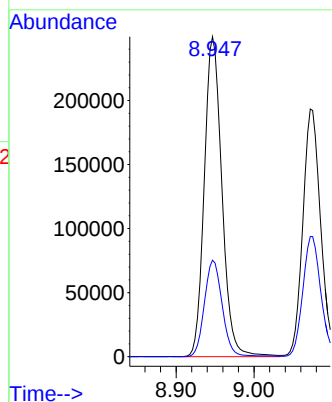
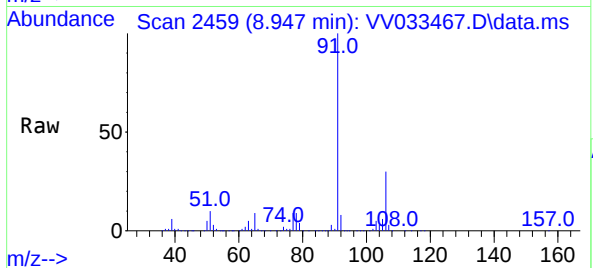
ClientSampleId :

Tgt Ion: 91 Resp: 392781

Ion Ratio Lower Upper

91 100

106 30.2 21.6 40.2



#53

m,p-Xylene

Concen: 56.617 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. -0.000 min

Lab File: VV033467.D

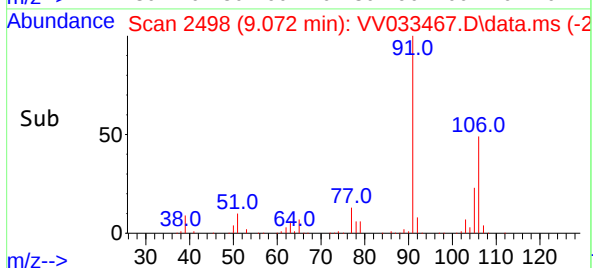
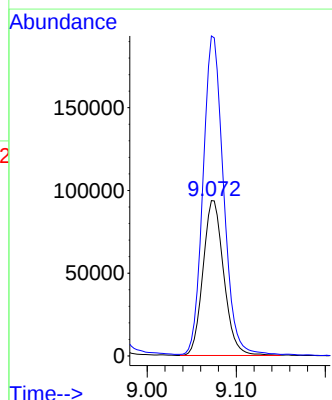
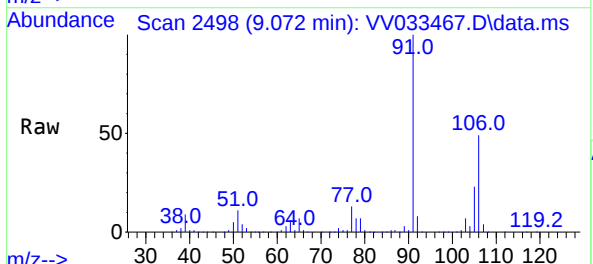
Acq: 18 Dec 2023 19:23

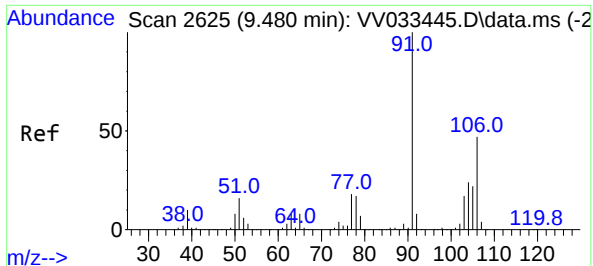
Tgt Ion: 106 Resp: 151434

Ion Ratio Lower Upper

106 100

91 206.1 143.0 265.6

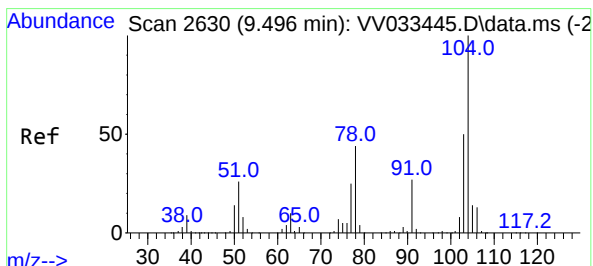
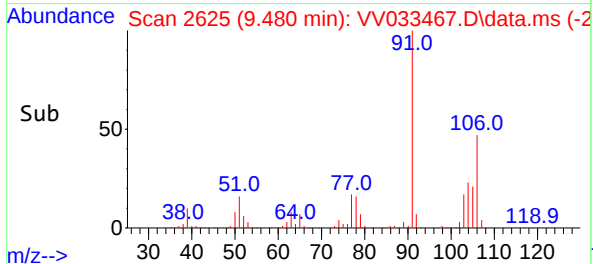
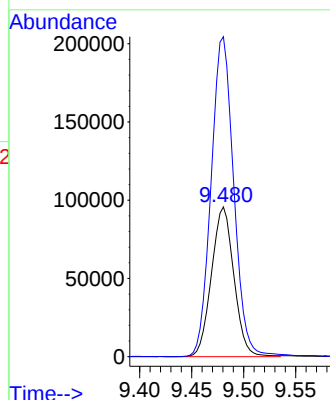
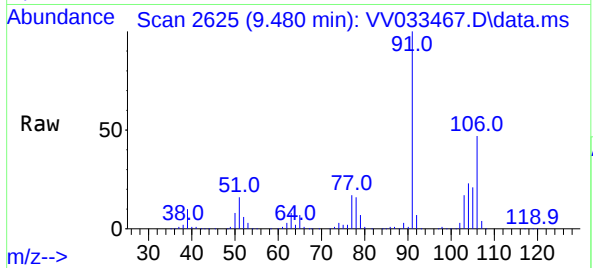




#54
o-Xylene
Concen: 55.316 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

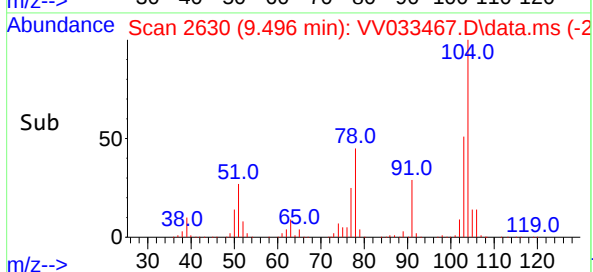
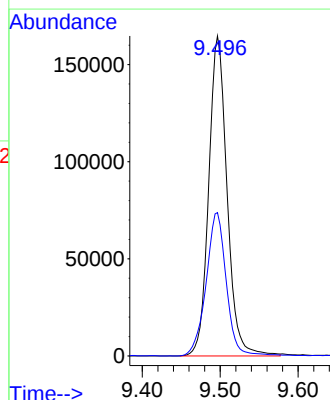
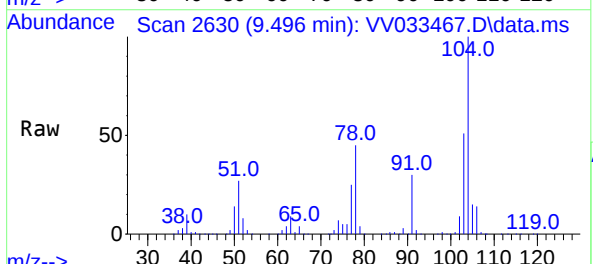
Instrument :
MSVOA_V
ClientSampleId :

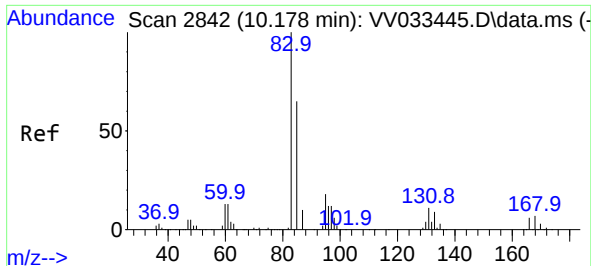
Tgt Ion:106 Resp: 143664
Ion Ratio Lower Upper
106 100
91 213.6 149.7 278.1



#55
Styrene
Concen: 58.928 ug/L
RT: 9.496 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

Tgt Ion:104 Resp: 270101
Ion Ratio Lower Upper
104 100
78 44.8 30.2 56.2

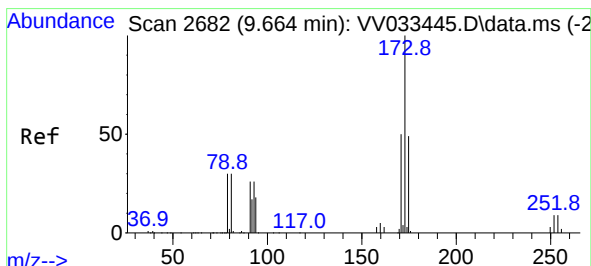
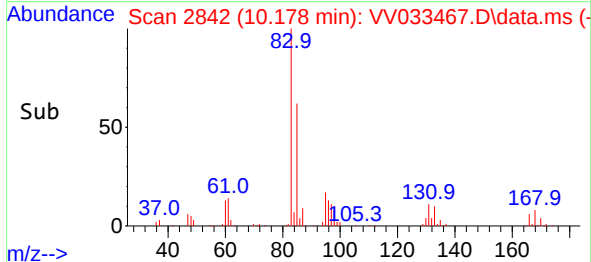
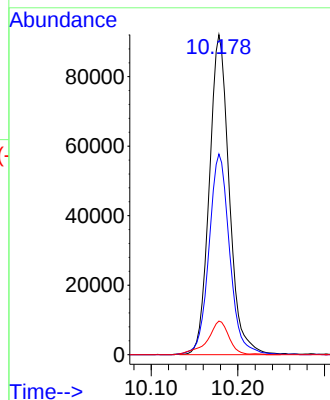
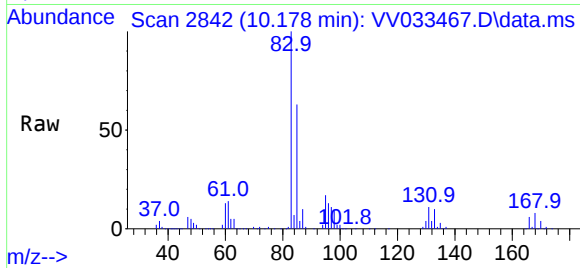




#57
1,1,2,2-Tetrachloroethane
Concen: 56.211 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

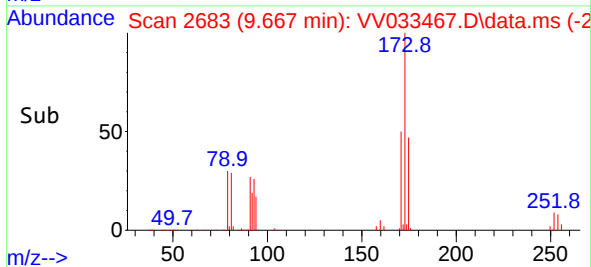
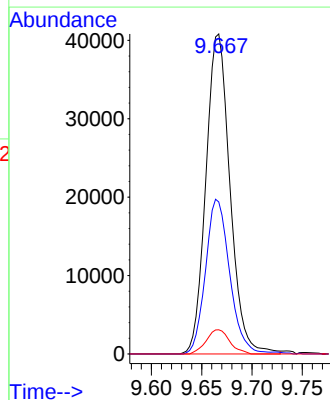
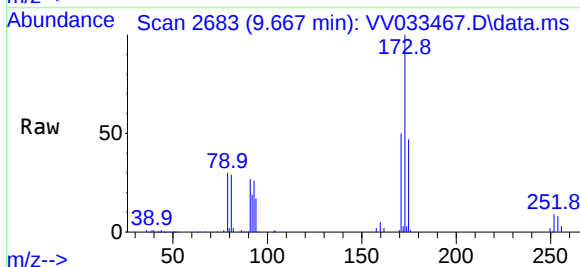
Instrument :
MSVOA_V
ClientSampleId :

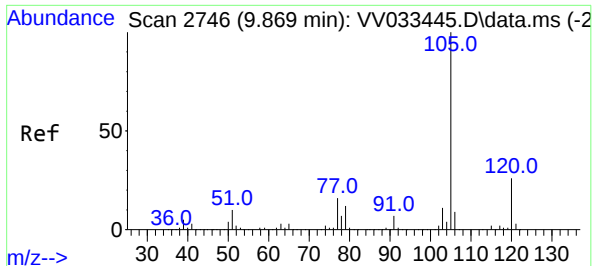
Tgt Ion: 83 Resp: 147174
Ion Ratio Lower Upper
83 100
85 62.7 44.8 83.2
131 10.5 8.6 12.8



#59
Bromoform
Concen: 51.550 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.003 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

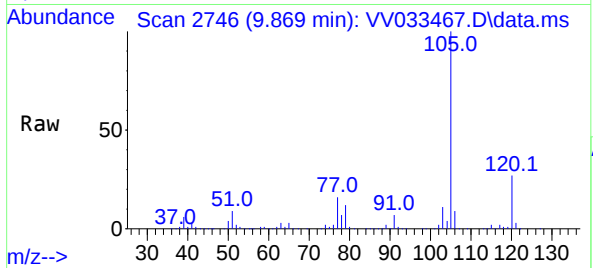
Tgt Ion: 173 Resp: 68098
Ion Ratio Lower Upper
173 100
175 48.3 38.8 58.2
254 7.4 5.8 8.8



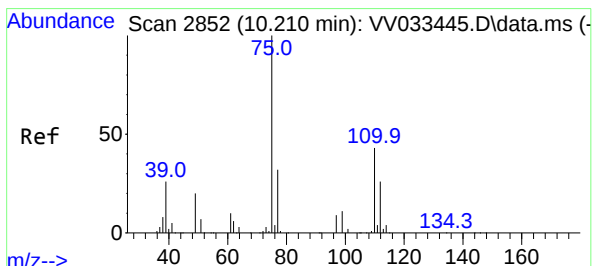
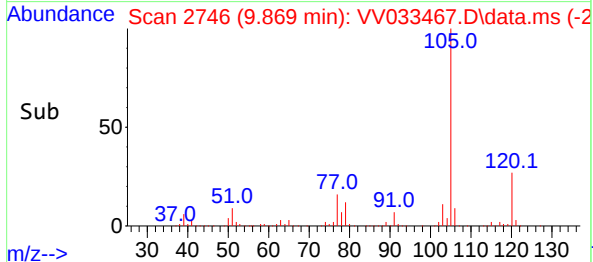
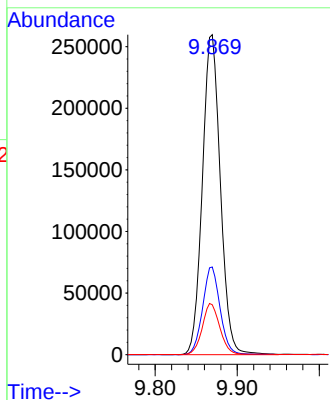


#60
Isopropylbenzene
Concen: 54.479 ug/L
RT: 9.869 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

Instrument :
MSVOA_V
ClientSampleId :

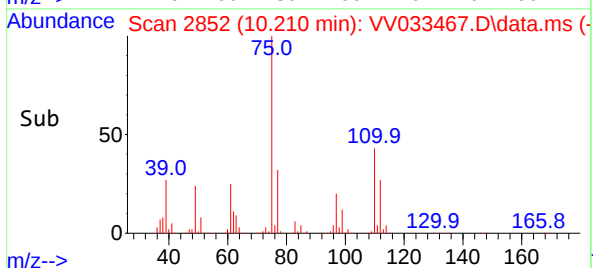
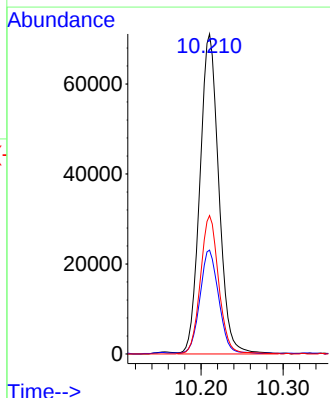
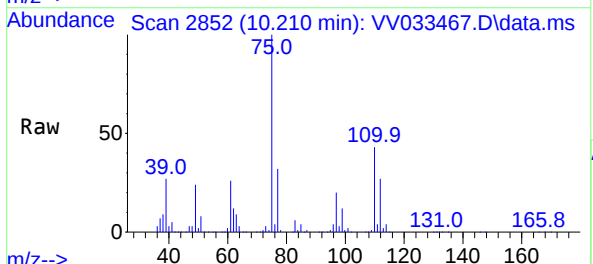


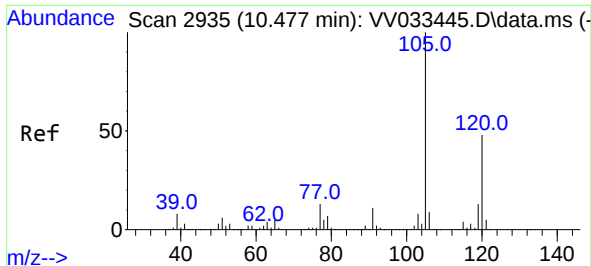
Tgt Ion:105 Resp: 396118
Ion Ratio Lower Upper
105 100
120 26.7 21.2 31.8
77 15.4 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 55.489 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

Tgt Ion: 75 Resp: 113877
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5
110 41.8 33.9 50.9

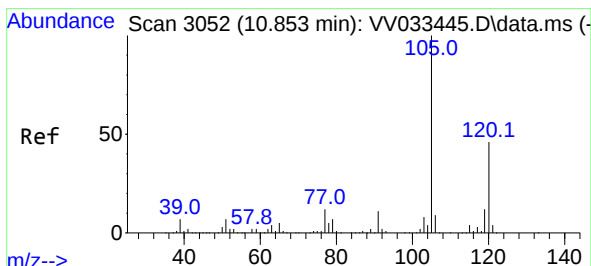
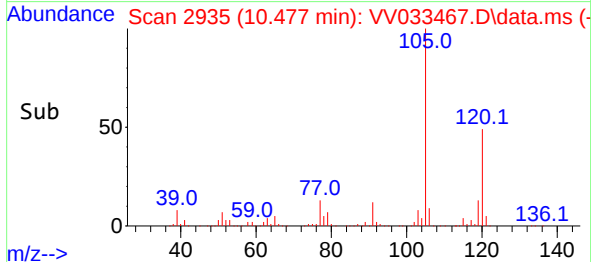
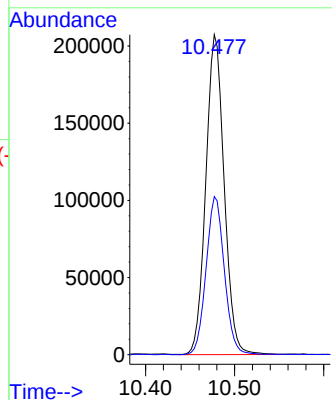
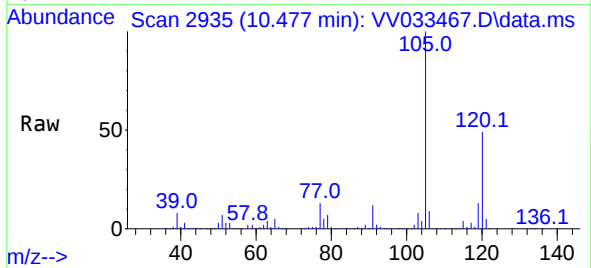




#62
1,3,5-Trimethylbenzene
Concen: 53.777 ug/L
RT: 10.477 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

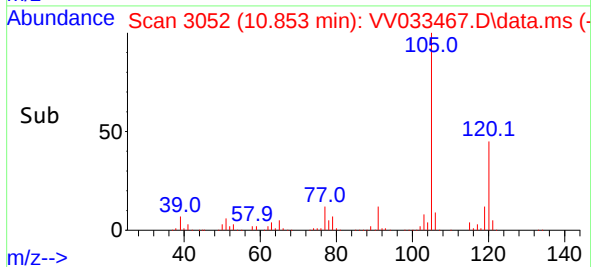
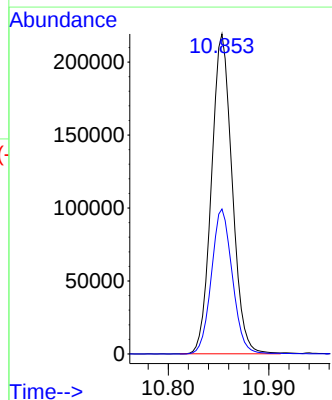
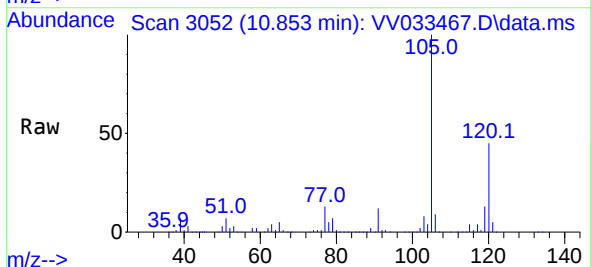
Instrument :
MSVOA_V
ClientSampleId :

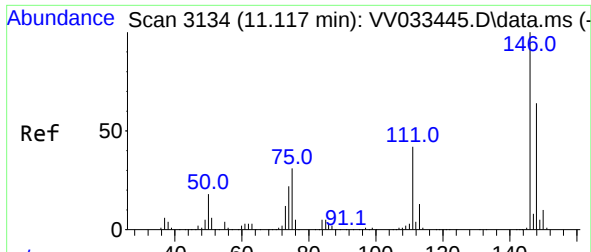
Tgt Ion:105 Resp: 296351
Ion Ratio Lower Upper
105 100
120 49.2 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 54.646 ug/L
RT: 10.853 min Scan# 3052
Delta R.T. -0.000 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

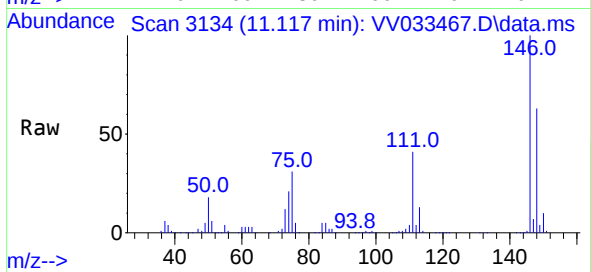
Tgt Ion:105 Resp: 312755
Ion Ratio Lower Upper
105 100
120 45.9 36.2 54.4



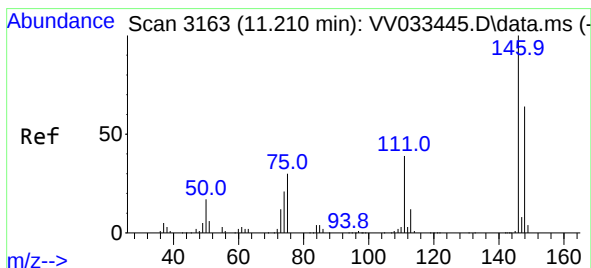
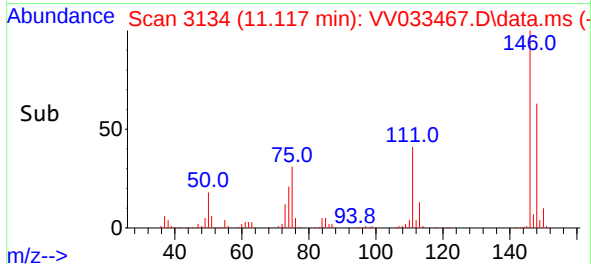
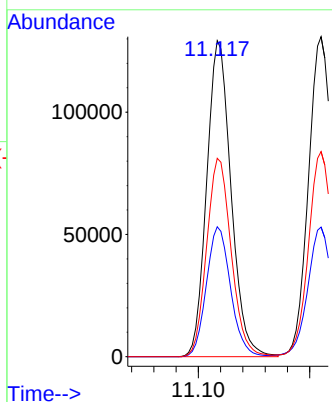


#64
1,3-Dichlorobenzene
Concen: 51.924 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

Instrument :
MSVOA_V
ClientSampleId :

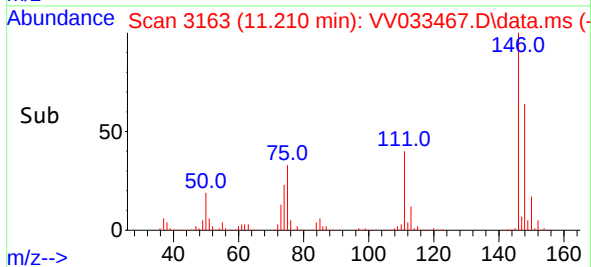
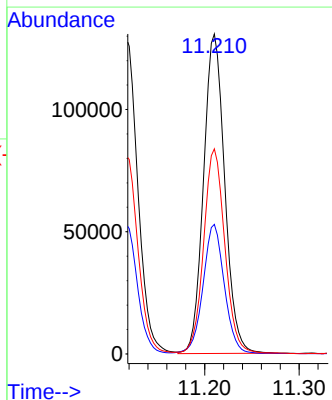
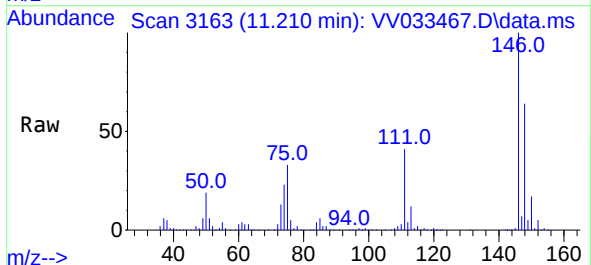


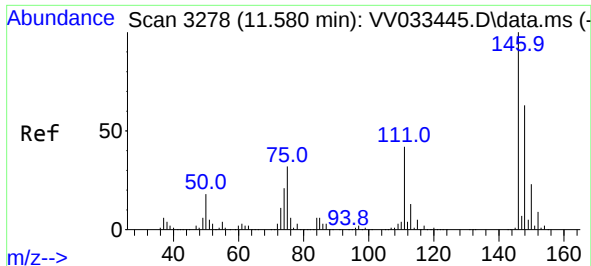
Tgt Ion:146 Resp: 196222
Ion Ratio Lower Upper
146 100
111 41.1 29.3 54.5
148 62.8 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 49.945 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

Tgt Ion:146 Resp: 203137
Ion Ratio Lower Upper
146 100
111 40.5 27.9 51.7
148 64.1 45.5 84.5





#67

1,2-Dichlorobenzene

Concen: 50.255 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033467.D

Acq: 18 Dec 2023 19:23

Instrument :

MSVOA_V

ClientSampleId :

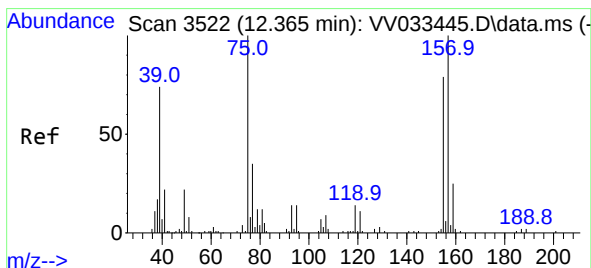
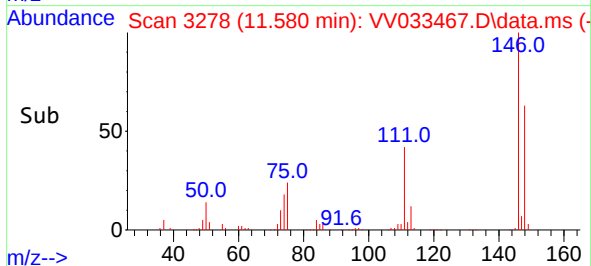
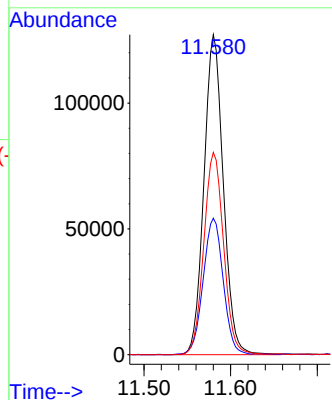
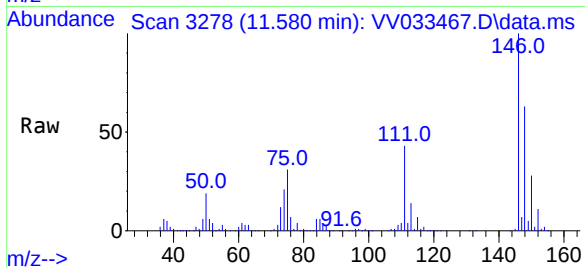
Tgt Ion:146 Resp: 197669

Ion Ratio Lower Upper

146 100

111 42.6 33.5 50.3

148 63.2 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 52.091 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV033467.D

Acq: 18 Dec 2023 19:23

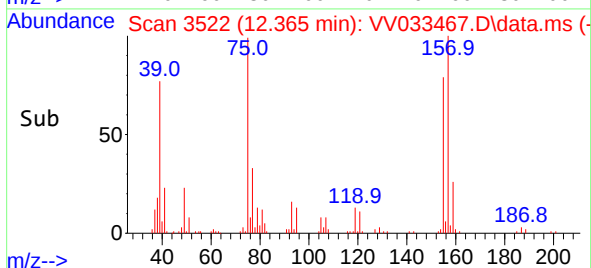
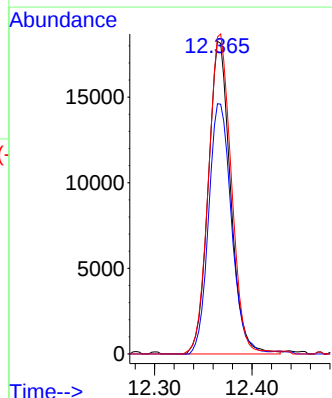
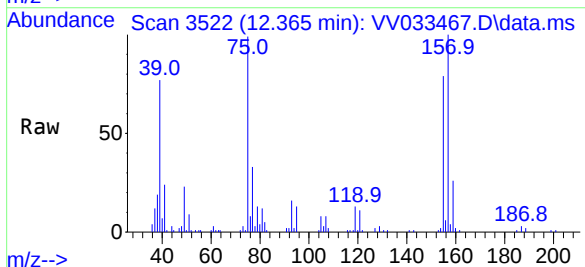
Tgt Ion: 75 Resp: 28959

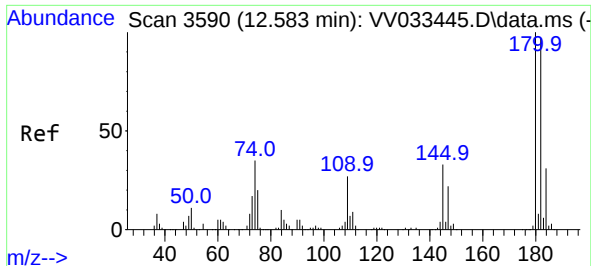
Ion Ratio Lower Upper

75 100

155 80.1 69.4 104.0

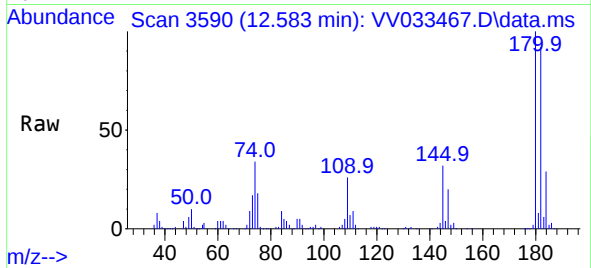
157 101.4 81.1 121.7



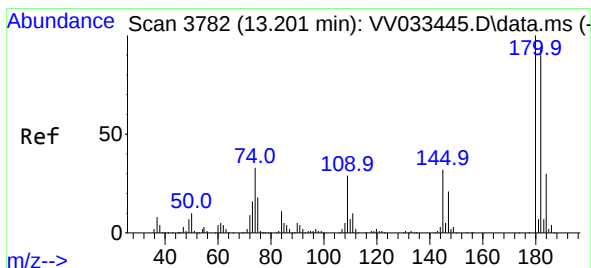
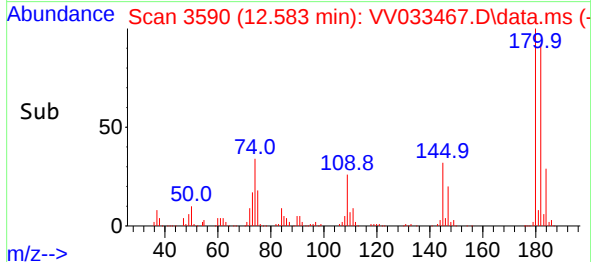
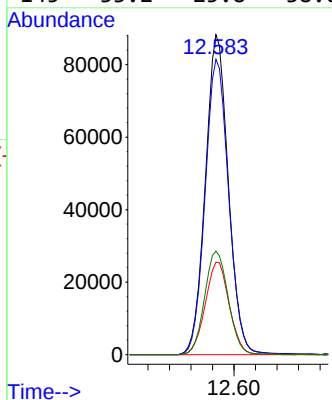


#69
1,3,5-Trichlorobenzene
Concen: 50.141 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. -0.000 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

Instrument :
MSVOA_V
ClientSampleId :

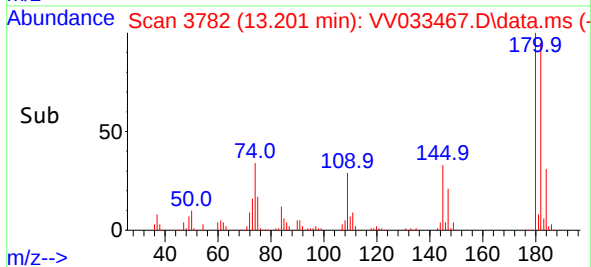
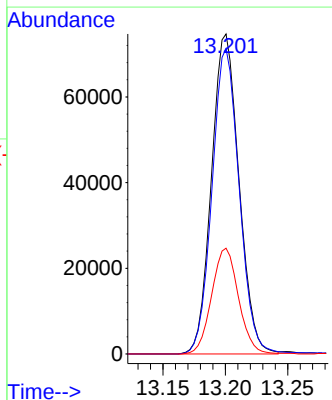
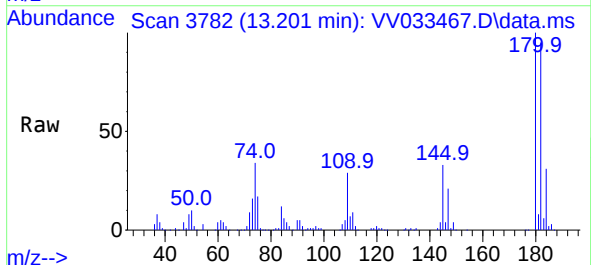


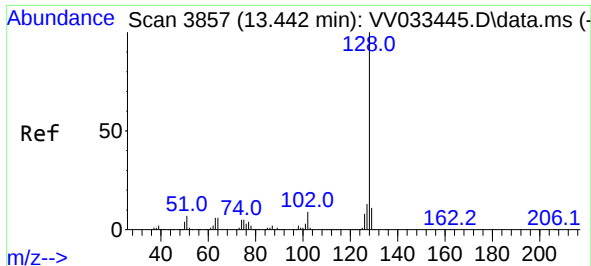
Tgt Ion:180 Resp: 131041
Ion Ratio Lower Upper
180 100
182 94.7 76.2 114.4
184 30.1 24.4 36.6
145 33.2 25.8 38.6



#70
1,2,4-trichlorobenzene
Concen: 50.165 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.003 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

Tgt Ion:180 Resp: 114605
Ion Ratio Lower Upper
180 100
182 94.3 76.1 114.1
145 32.3 25.6 38.4

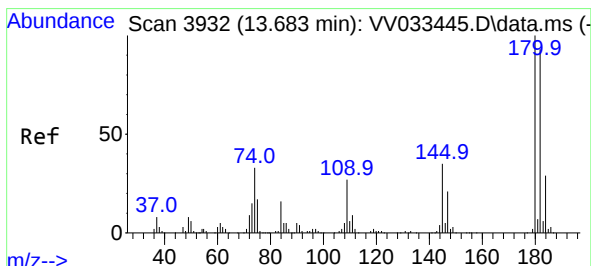
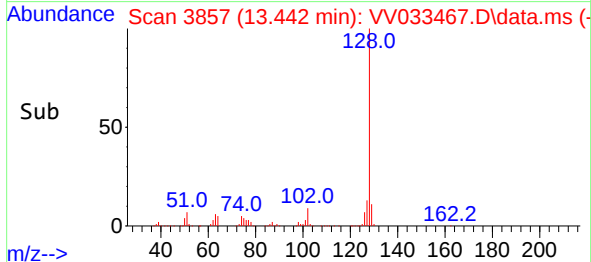
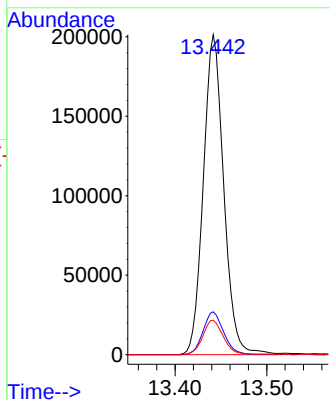
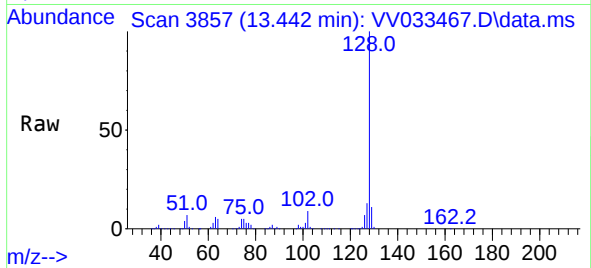




#71
Naphthalene
Concen: 50.707 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.003 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 311679
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 54.364 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.003 min
Lab File: VV033467.D
Acq: 18 Dec 2023 19:23

Tgt Ion:180 Resp: 121480
Ion Ratio Lower Upper
180 100
182 96.6 76.2 114.2
145 34.6 27.1 40.7

