

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038196.D
 Acq On : 19 Nov 2024 23:01
 Operator : SY/MD
 Sample : P4882-08
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 20 00:24:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 22:47:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	225367	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	247438	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	105782	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	78357	4.536	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.800%
7) Chloroethane-d5	1.529	69	74886	5.359	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.200%
11) 1,1-Dichloroethene-d2	2.053	65	35425	4.766	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.400%
20) 2-Butanone-d5	3.780	46	191352	55.375	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.740%
24) Chloroform-d	4.240	84	176374	5.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	4.934	65	86975	5.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.600%
32) Benzene-d6	4.953	84	310841	4.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	5.982	67	104851	5.328	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.236	98	256921	4.342	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	7.558	79	34493	4.715	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.018	63	163765	57.583	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.160%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	89844	5.378	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	103601	5.748	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	164	0.008	ug/L #	42
3) Chloromethane	1.214	50	4954	0.270	ug/L	93
5) Vinyl chloride	1.282	62	552	0.027	ug/L #	1
6) Bromomethane	1.484	94	379	0.047	ug/L	93
8) Chloroethane	1.304	64	188	0.014	ug/L	86
9) Trichlorofluoromethane	1.706	101	1929	0.065	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.050	101	2294	0.136	ug/L #	66
12) 1,1-Dichloroethene	2.053	96	1032	0.064	ug/L #	1
14) Carbon disulfide	2.233	76	701	0.014	ug/L #	52
15) Methyl Acetate	2.388	43	357	0.058	ug/L #	47
16) Methylene chloride	2.442	84	14089	0.768	ug/L	93
17) Methyl tert-butyl Ether	2.696	73	649	0.018	ug/L #	69
18) trans-1,2-Dichloroethene	2.699	96	69	0.004	ug/L #	1
19) 1,1-Dichloroethane	3.108	63	1759	0.057	ug/L #	86
21) 2-Butanone	3.957	43	94	0.026	ug/L	97
22) cis-1,2-Dichloroethene	3.825	96	1767	0.101	ug/L #	78
25) Chloroform	4.272	83	8373	0.254	ug/L	91
27) 1,2-Dichloroethane	5.040	62	230	0.013	ug/L #	72
29) 1,1,1-Trichloroethane	4.503	97	13267	0.447	ug/L	97

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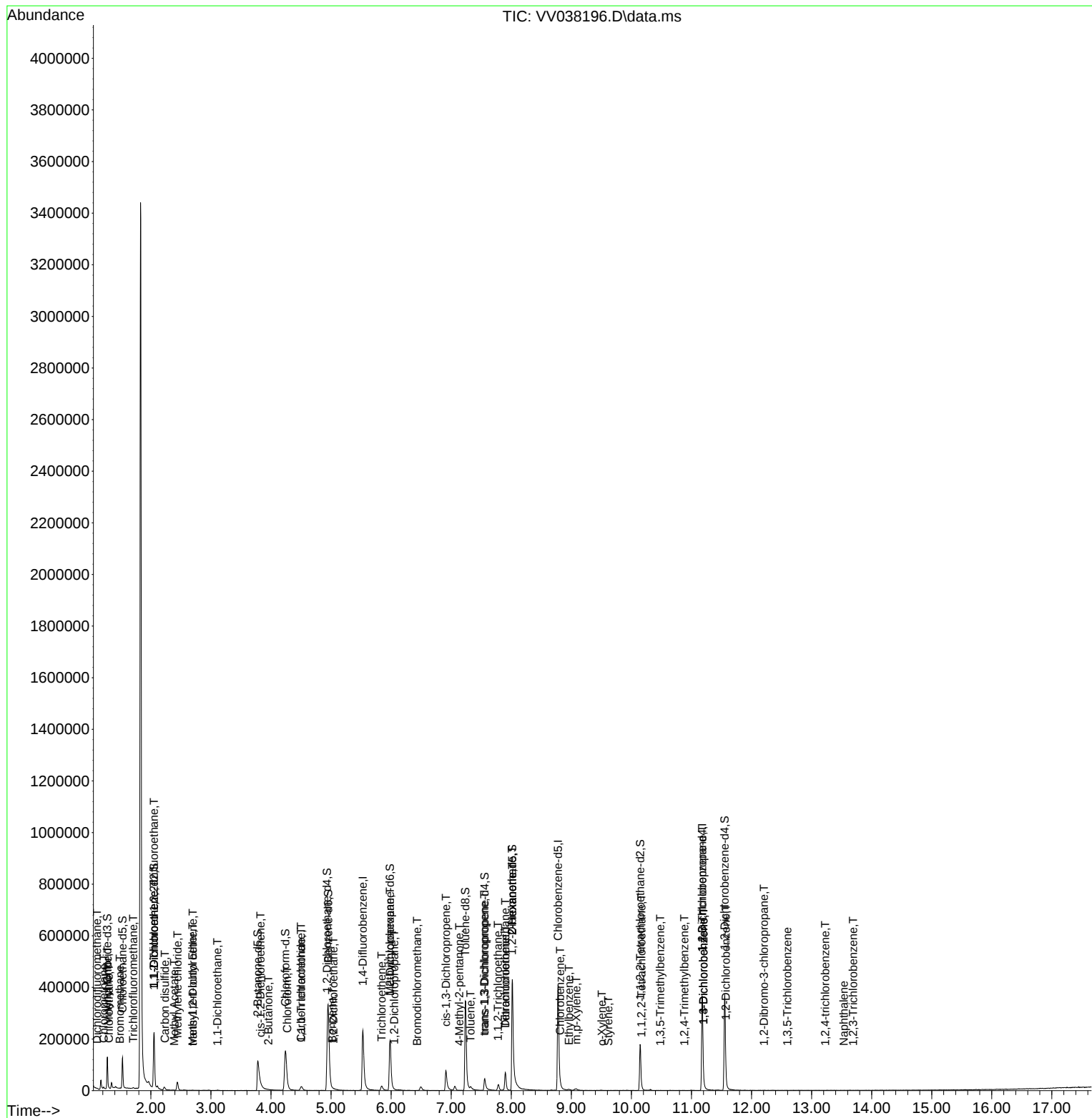
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	4.500	117	1744	0.067	ug/L	86
33) Benzene	5.021	78	255	0.004	ug/L	100
34) Trichloroethene	5.841	95	6648	0.351	ug/L	96
35) Methylcyclohexane	5.982	83	25742	0.960	ug/L #	19
37) 1,2-Dichloropropane	6.053	63	377	0.022	ug/L	99
38) Bromodichloromethane	6.432	83	21	0.001	ug/L #	26
39) cis-1,3-Dichloropropene	6.915	75	2358	0.097	ug/L	85
40) 4-Methyl-2-pentanone	7.137	43	208	0.023	ug/L #	41
42) Toluene	7.323	91	9718	0.132	ug/L	98
44) trans-1,3-Dichloropropene	7.551	75	761	0.037	ug/L #	79
45) 1,1,2-Trichloroethane	7.780	97	318	0.023	ug/L #	1
47) Tetrachloroethene	7.902	164	16525	1.085	ug/L	99
48) 2-Hexanone	8.018	43	18311	2.771	ug/L #	66
49) Dibromochloromethane	7.902	129	16029	1.041	ug/L #	11
50) 1,2-Dibromoethane	8.011	107	49	0.004	ug/L #	5
51) Chlorobenzene	8.815	112	7226	0.142	ug/L #	80
52) Ethylbenzene	8.960	91	2767	0.035	ug/L	99
53) m,p-Xylene	9.085	106	1408	0.048	ug/L	87
54) o-Xylene	9.509	106	107	0.004	ug/L	74
55) Styrene	9.616	104	43	0.001	ug/L #	33
57) 1,1,2,2-Tetrachloroethane	10.169	83	1603	0.097	ug/L #	60
61) 1,2,3-Trichloropropane	11.178	75	11847	1.308	ug/L #	64
62) 1,3,5-Trimethylbenzene	10.480	105	42	0.001	ug/L #	28
63) 1,2,4-Trimethylbenzene	10.882	105	165	0.003	ug/L #	71
64) 1,3-Dichlorobenzene	11.201	146	459	0.014	ug/L #	41
65) 1,4-Dichlorobenzene	11.201	146	459	0.014	ug/L #	41
67) 1,2-Dichlorobenzene	11.574	146	2179	0.072	ug/L #	82
68) 1,2-Dibromo-3-chloropr...	12.210	75	20	0.010	ug/L #	2
69) 1,3,5-Trichlorobenzene	12.596	180	69	0.003	ug/L #	38
70) 1,2,4-trichlorobenzene	13.226	180	73	0.004	ug/L #	36
71) Naphthalene	13.535	128	70	0.002	ug/L #	70
72) 1,2,3-Trichlorobenzene	13.693	180	19	0.001	ug/L #	13

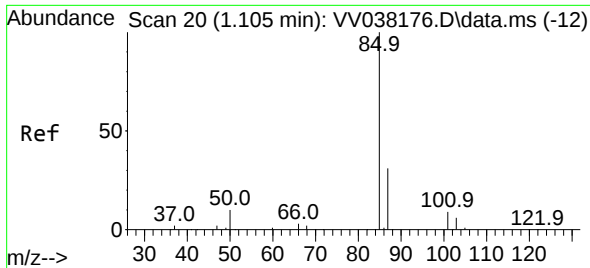
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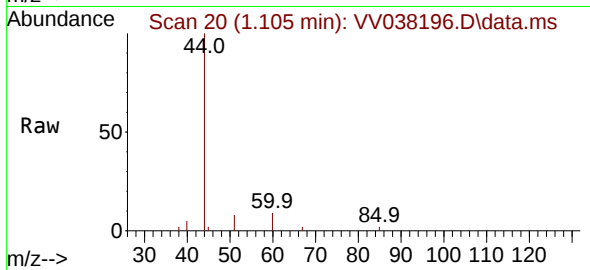
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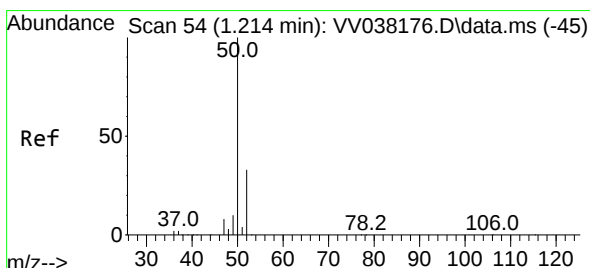
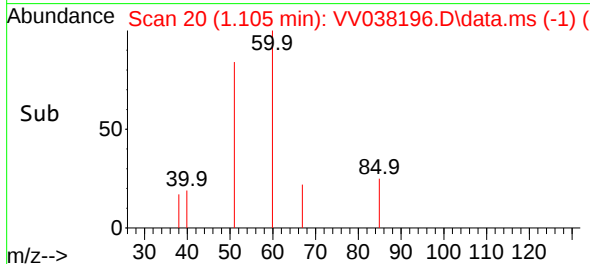
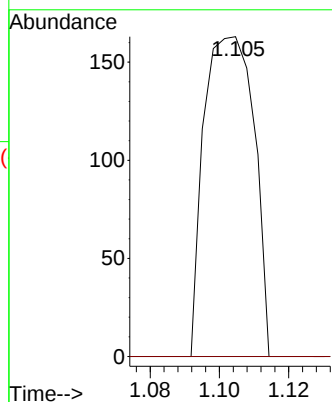


#2
 Dichlorodifluoromethane
 Concen: 0.008 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038196.D
 Acq: 19 Nov 2024 23:01

Instrument :
 MSVOA_V
 ClientSampleId :

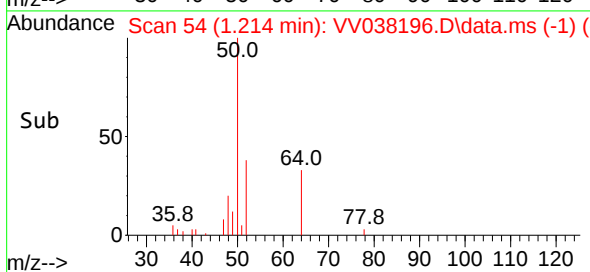
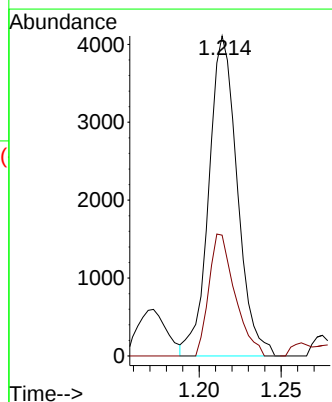
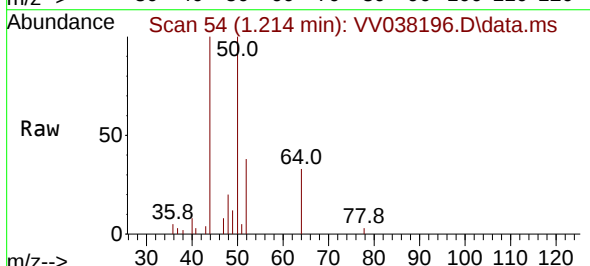


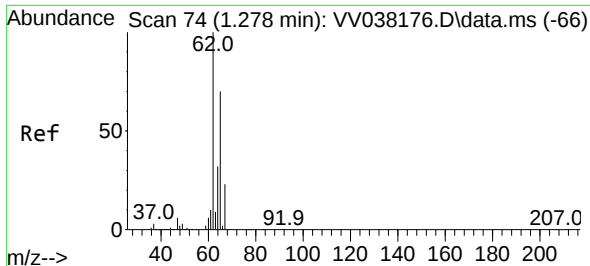
Tgt Ion: 85 Resp: 164
 Ion Ratio Lower Upper
 85 100
 87 0.0 26.5 39.7#



#3
 Chloromethane
 Concen: 0.270 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV038196.D
 Acq: 19 Nov 2024 23:01

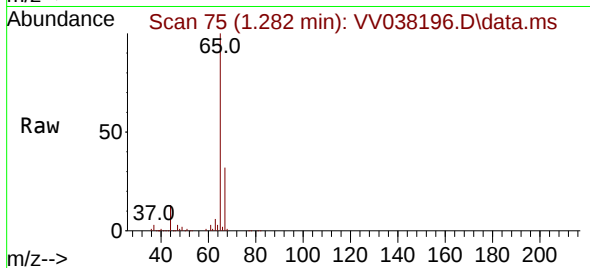
Tgt Ion: 50 Resp: 4954
 Ion Ratio Lower Upper
 50 100
 52 37.7 23.5 43.7



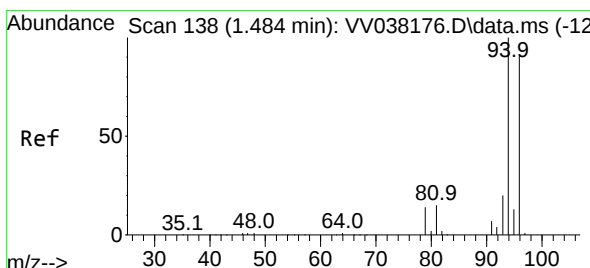
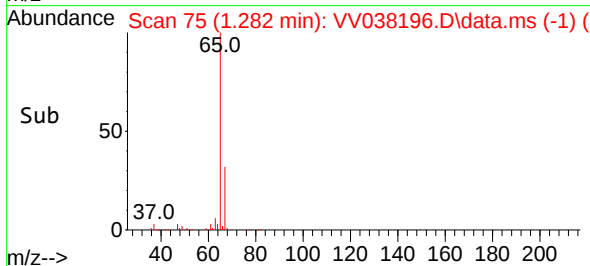
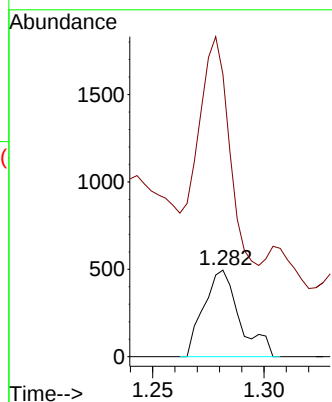


#5
 Vinyl chloride
 Concen: 0.027 ug/L
 RT: 1.282 min Scan# 74
 Delta R.T. 0.003 min
 Lab File: VV038196.D
 Acq: 19 Nov 2024 23:01

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 ClientSampleId :

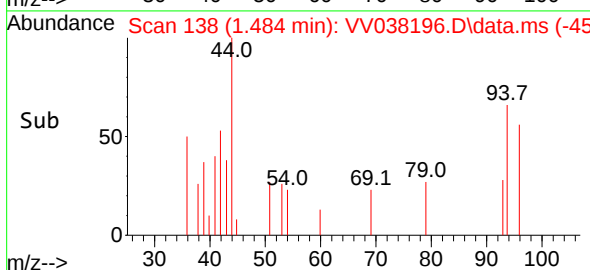
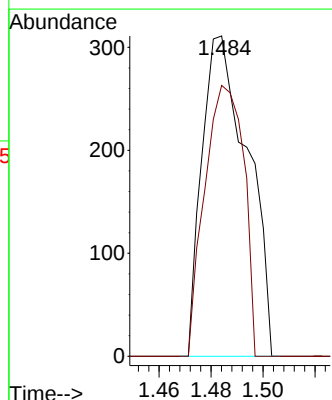
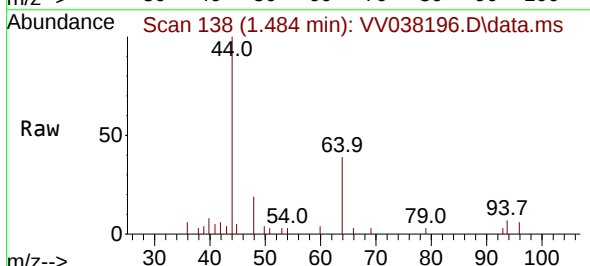


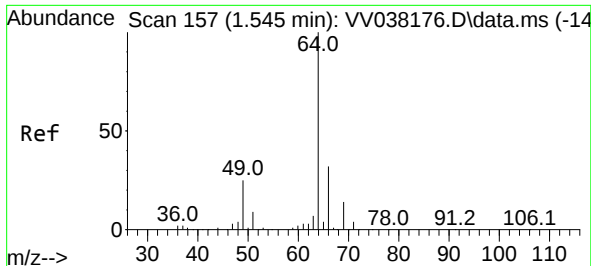
Tgt Ion: 62 Resp: 552
 Ion Ratio Lower Upper
 62 100
 64 326.5 24.4 45.4#



#6
 Bromomethane
 Concen: 0.047 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV038196.D
 Acq: 19 Nov 2024 23:01

Tgt Ion: 94 Resp: 379
 Ion Ratio Lower Upper
 94 100
 96 84.6 63.7 118.3

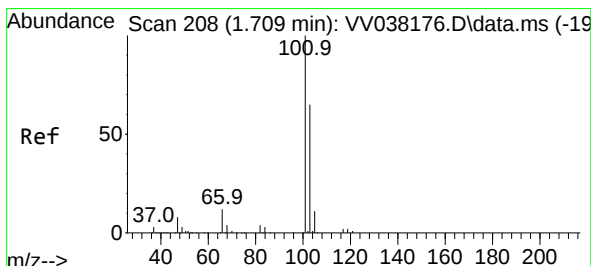
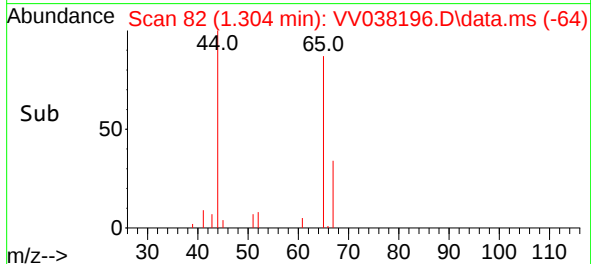
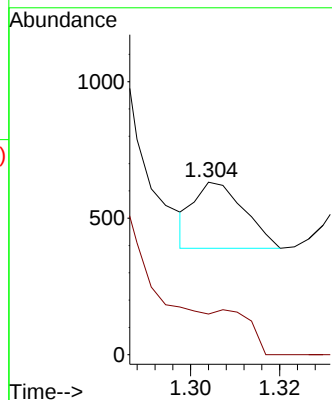
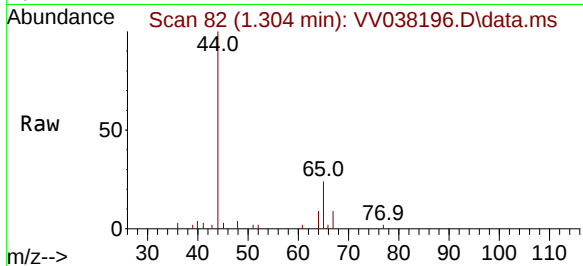




#8
Chloroethane
Concen: 0.014 ug/L
RT: 1.304 min Scan# 81
Delta R.T. -0.241 min
Lab File: VV038196.D
Acq: 19 Nov 2024 23:01

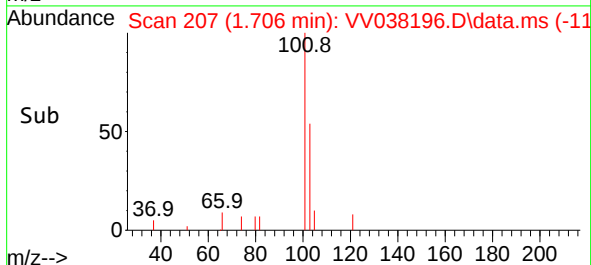
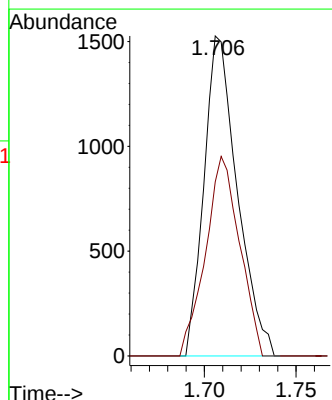
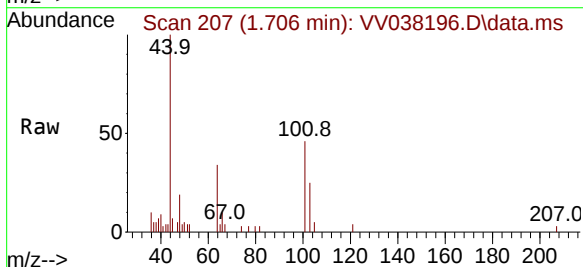
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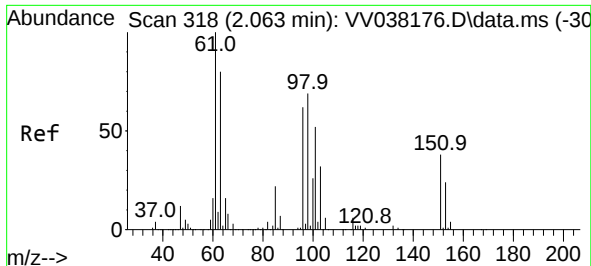
Tgt Ion: 64 Resp: 188
Ion Ratio Lower Upper
64 100
66 23.6 22.0 40.8



#9
Trichlorofluoromethane
Concen: 0.065 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.003 min
Lab File: VV038196.D
Acq: 19 Nov 2024 23:01

Tgt Ion:101 Resp: 1929
Ion Ratio Lower Upper
101 100
103 63.8 51.5 77.3

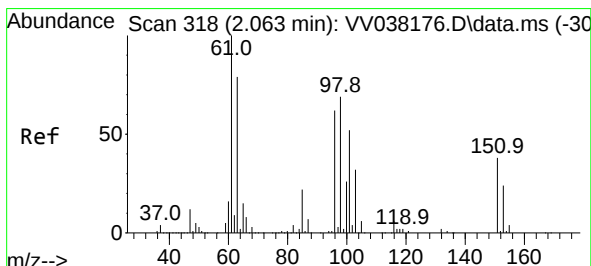
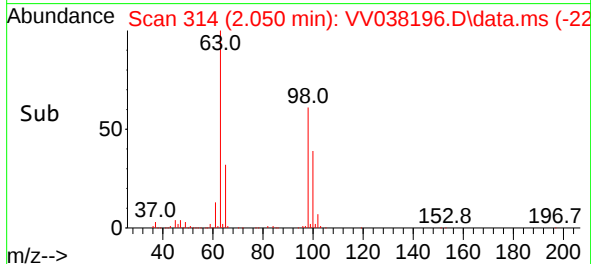
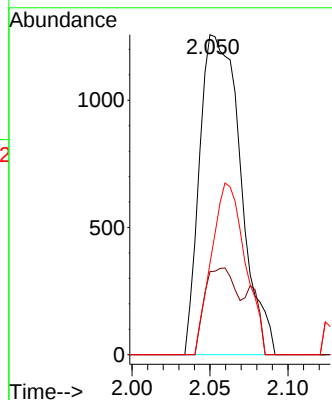
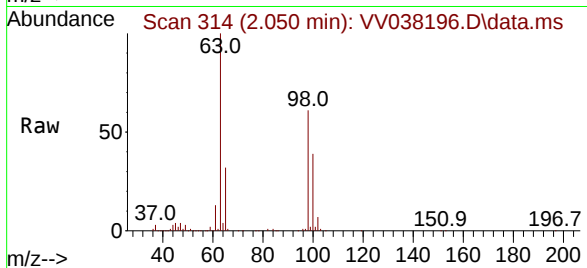




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.136 ug/L
 RT: 2.050 min Scan# 314
 Delta R.T. -0.013 min
 Lab File: VV038196.D
 Acq: 19 Nov 2024 23:01

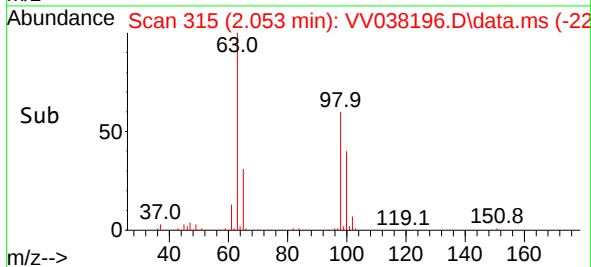
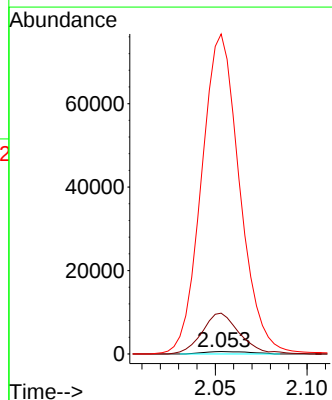
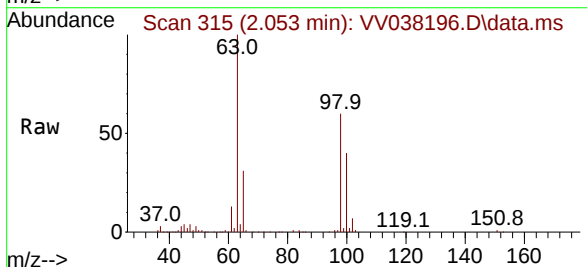
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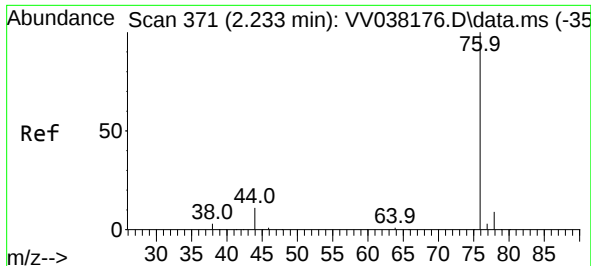
Tgt Ion:101 Resp: 2294
 Ion Ratio Lower Upper
 101 100
 85 20.8 33.4 50.0#
 151 44.1 58.8 88.2#



#12
 1,1-Dichloroethene
 Concen: 0.064 ug/L
 RT: 2.053 min Scan# 315
 Delta R.T. -0.010 min
 Lab File: VV038196.D
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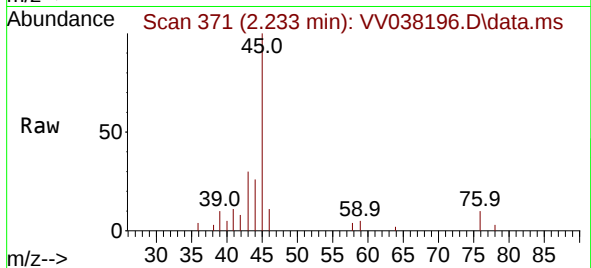
Tgt Ion: 96 Resp: 1032
 Ion Ratio Lower Upper
 96 100
 61 1699.8 115.7 214.9#
 63 13339.8 101.1 187.7#



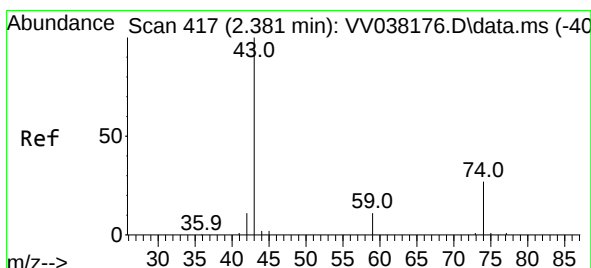
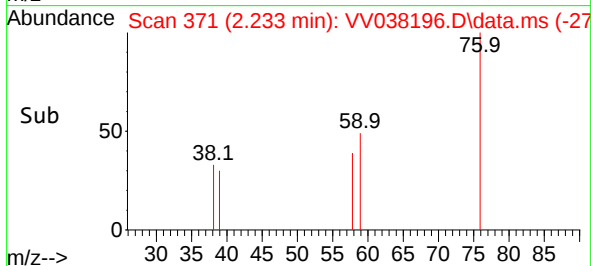
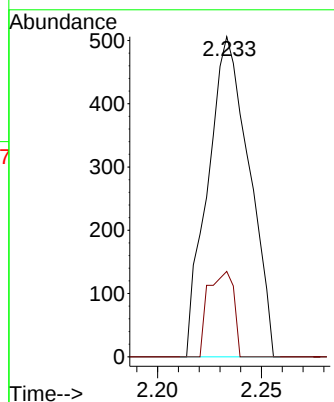


#14
Carbon disulfide
Concen: 0.014 ug/L
RT: 2.233 min Scan# 31
Delta R.T. 0.000 min
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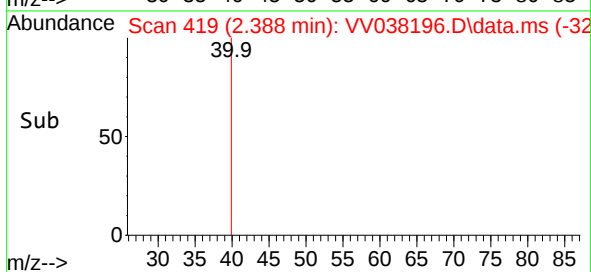
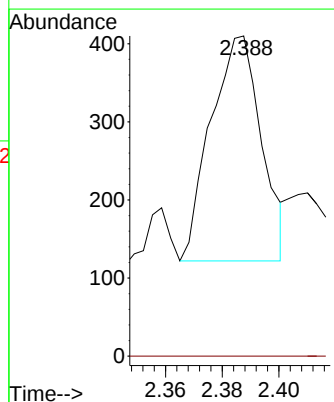
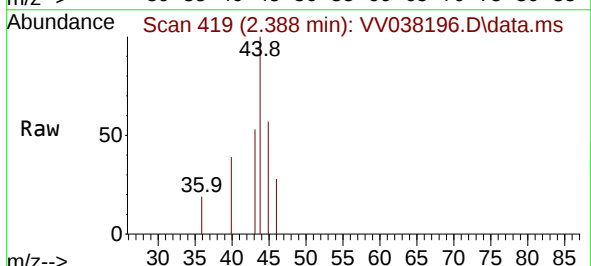


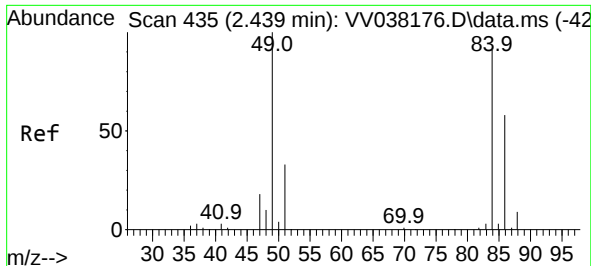
Tgt Ion: 76 Resp: 701
Ion Ratio Lower Upper
76 100
78 26.7 7.4 11.0#



#15
Methyl Acetate
Concen: 0.058 ug/L
RT: 2.388 min Scan# 419
Delta R.T. 0.007 min
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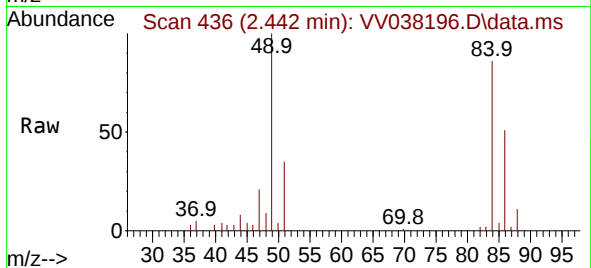
Tgt Ion: 43 Resp: 357
Ion Ratio Lower Upper
43 100
74 0.0 22.4 33.6#



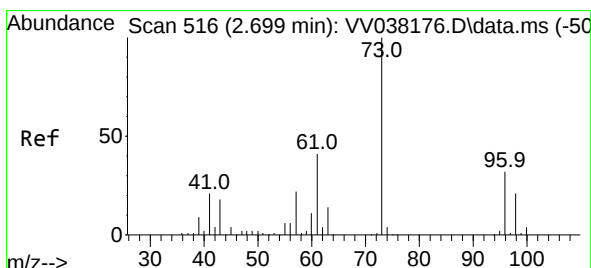
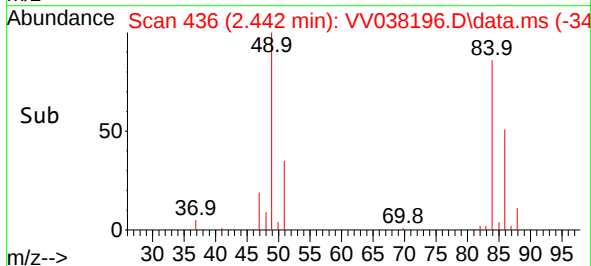
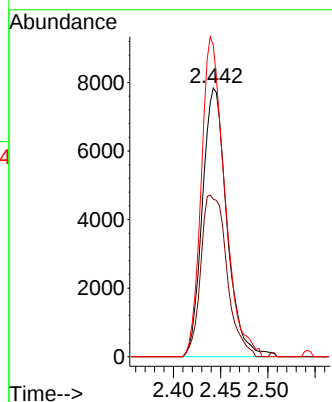


#16
Methylene chloride
Concen: 0.768 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV038196.D
Acq: 19 Nov 2024 23:01

Instrument :
MSVOA_V
ClientSampleId :

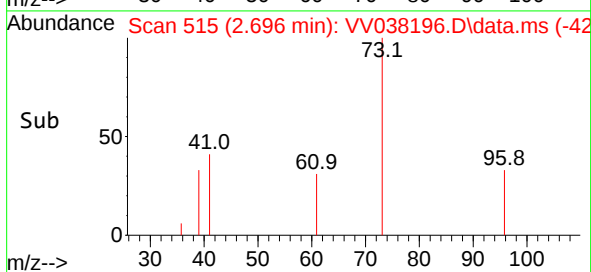
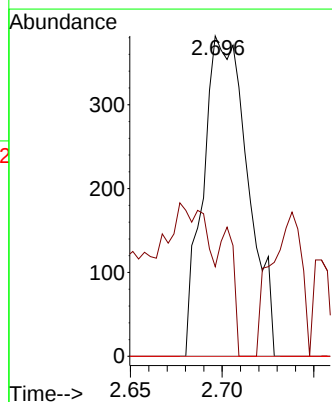
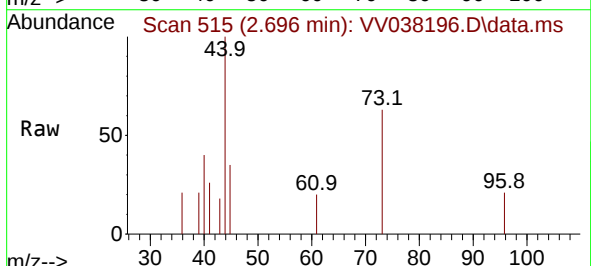


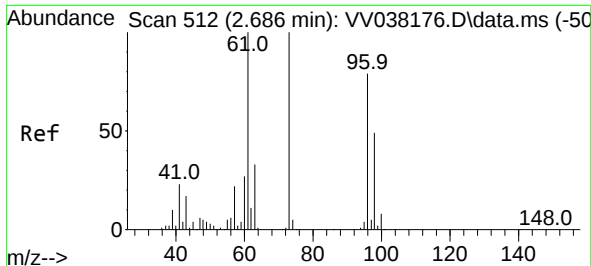
Tgt Ion: 84 Resp: 14089
Ion Ratio Lower Upper
84 100
86 58.6 44.2 82.2
49 115.8 74.9 139.1



#17
Methyl tert-butyl Ether
Concen: 0.018 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.003 min
Lab File: VV038196.D
Acq: 19 Nov 2024 23:01

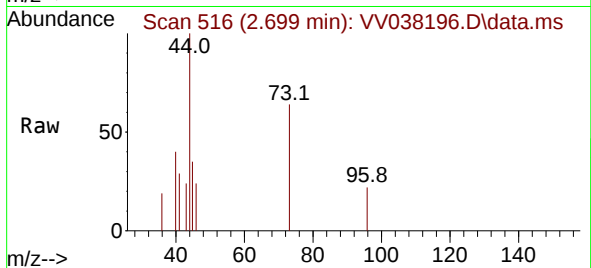
Tgt Ion: 73 Resp: 649
Ion Ratio Lower Upper
73 100
43 12.6 14.2 21.2#
57 0.0 17.6 26.4#



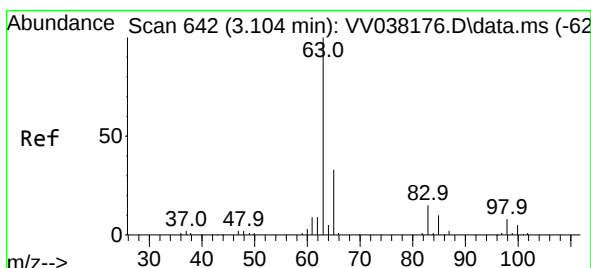
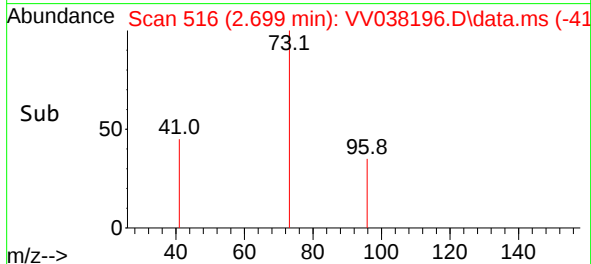
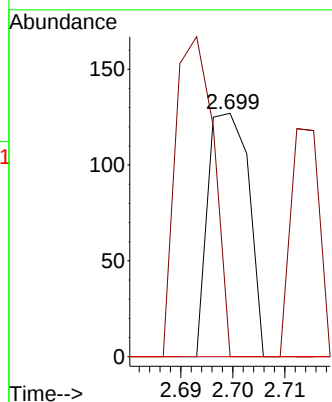


#18
trans-1,2-Dichloroethene
Concen: 0.004 ug/L
RT: 2.699 min Scan# 512
Delta R.T. 0.013 min
Lab File: VV038196.D
Acq: 19 Nov 2024 23:01

Instrument :
MSVOA_V
ClientSampleId :

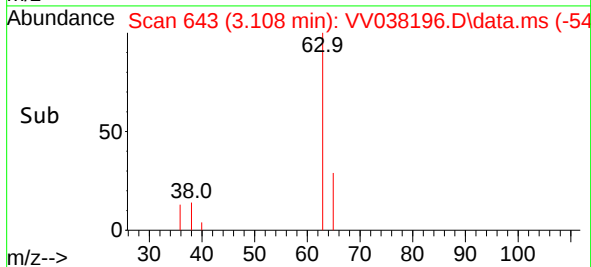
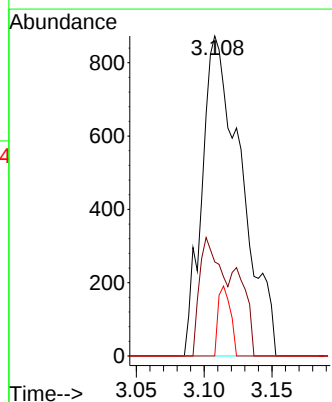
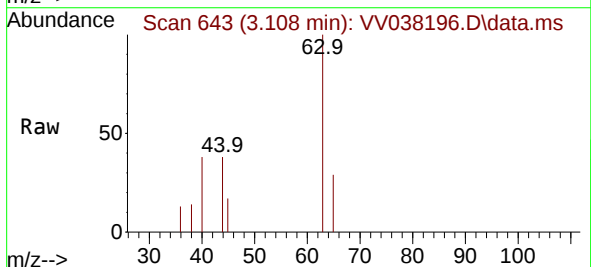


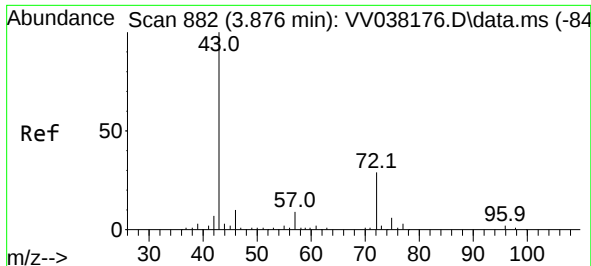
Tgt Ion: 96 Resp: 69
Ion Ratio Lower Upper
96 100
61 0.0 88.5 164.4#
98 0.0 43.9 81.5#



#19
1,1-Dichloroethane
Concen: 0.057 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.003 min
Lab File: VV038196.D
Acq: 19 Nov 2024 23:01

Tgt Ion: 63 Resp: 1759
Ion Ratio Lower Upper
63 100
65 29.4 22.5 41.7
83 0.0 10.1 18.9#





#21

2-Butanone

Concen: 0.026 ug/L

RT: 3.957 min Scan# 907

Delta R.T. 0.080 min

Lab File: VV038196.D

Acq: 19 Nov 2024 23:01

Instrument :

MSVOA_V

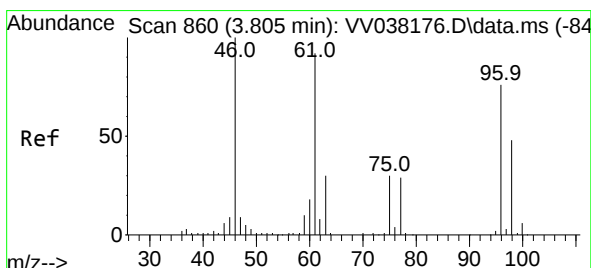
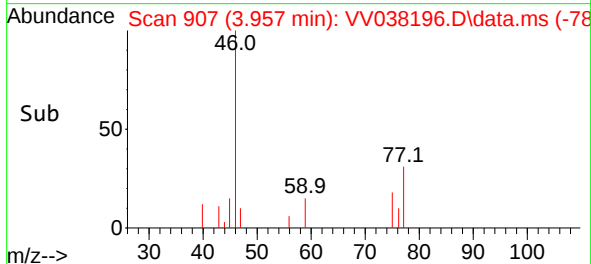
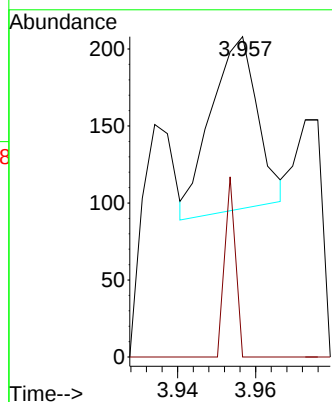
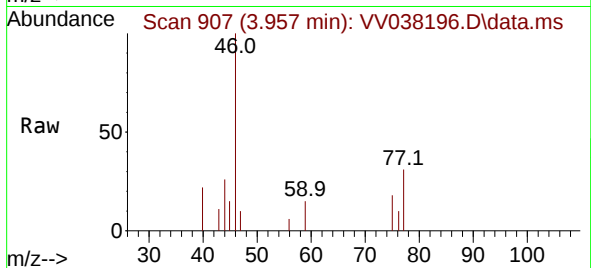
ClientSampleId :

Tgt Ion: 43 Resp: 94

Ion Ratio Lower Upper

43 100

72 24.5 13.0 39.0



#22

cis-1,2-Dichloroethene

Concen: 0.101 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.019 min

Lab File: VV038196.D

Acq: 19 Nov 2024 23:01

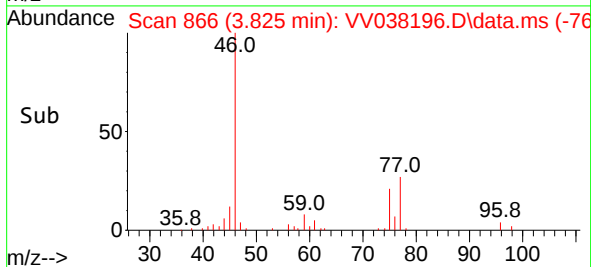
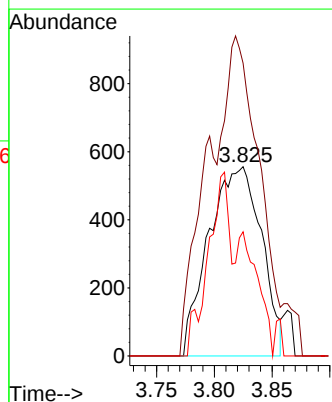
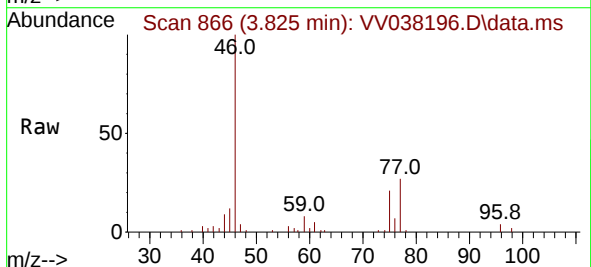
Tgt Ion: 96 Resp: 1767

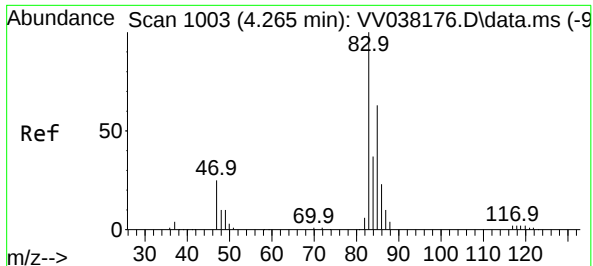
Ion Ratio Lower Upper

96 100

61 154.7 82.7 153.5#

98 65.6 46.3 85.9





#25

Chloroform

Concen: 0.254 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.007 min

Lab File: VV038196.D

Acq: 19 Nov 2024 23:01

Instrument :

MSVOA_V

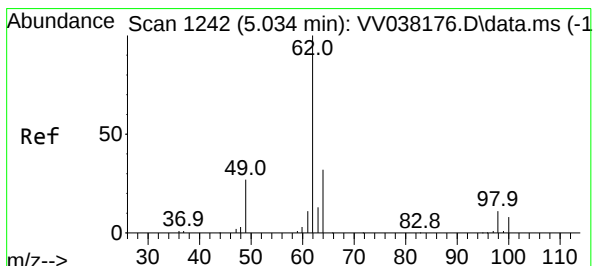
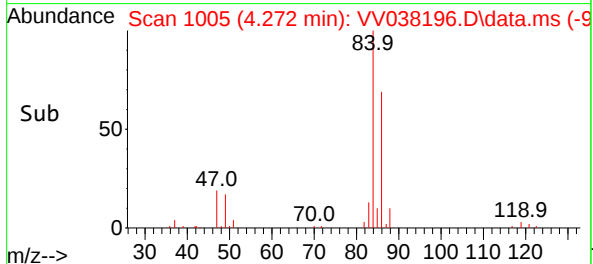
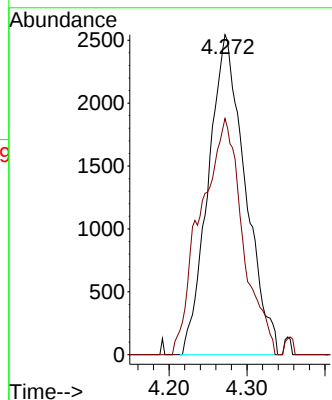
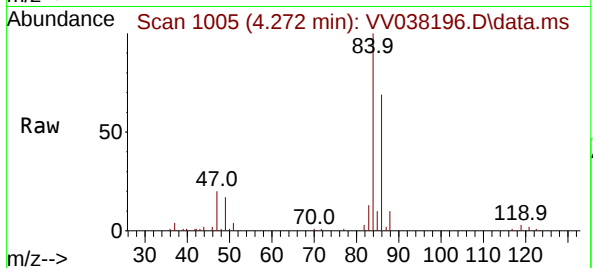
ClientSampleId :

Tgt Ion: 83 Resp: 8373

Ion Ratio Lower Upper

83 100

85 73.8 46.5 86.3



#27

1,2-Dichloroethane

Concen: 0.013 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.007 min

Lab File: VV038196.D

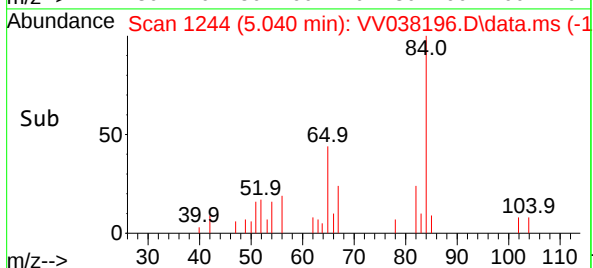
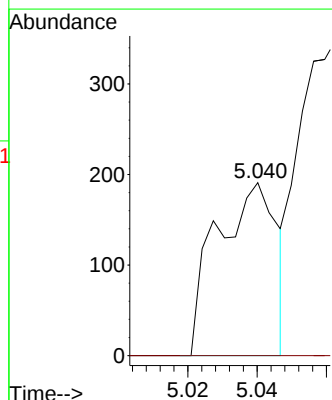
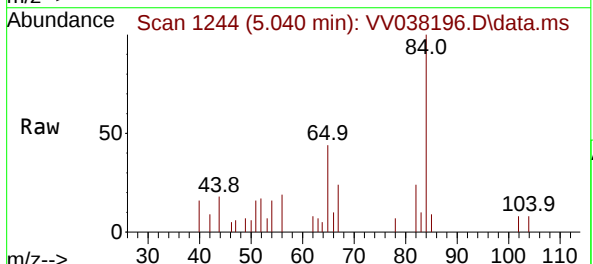
Acq: 19 Nov 2024 23:01

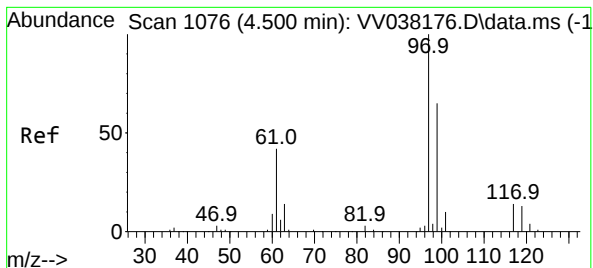
Tgt Ion: 62 Resp: 230

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#





#29

1,1,1-Trichloroethane

Concen: 0.447 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV038196.D

Acq: 19 Nov 2024 23:01

Instrument :

MSVOA_V

ClientSampleId :

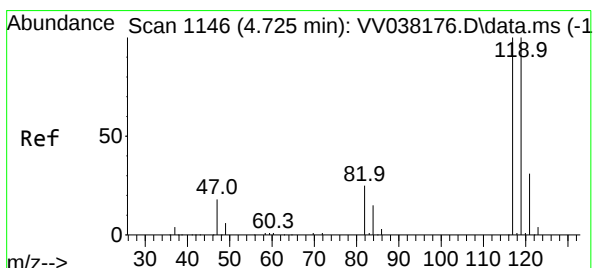
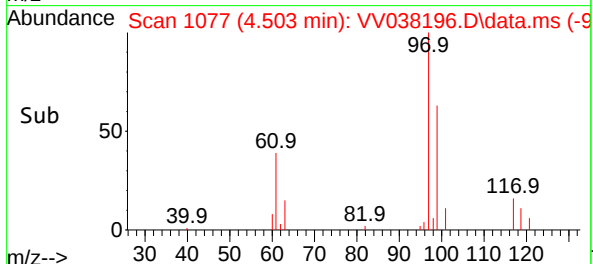
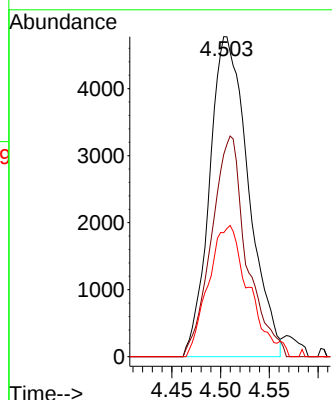
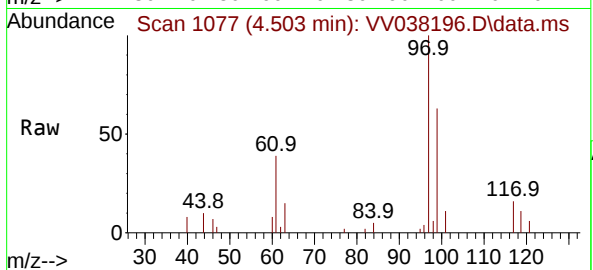
Tgt Ion: 97 Resp: 13267

Ion Ratio Lower Upper

97 100

99 62.3 51.8 77.8

61 42.6 32.2 48.2



#31

Carbon tetrachloride

Concen: 0.067 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. -0.225 min

Lab File: VV038196.D

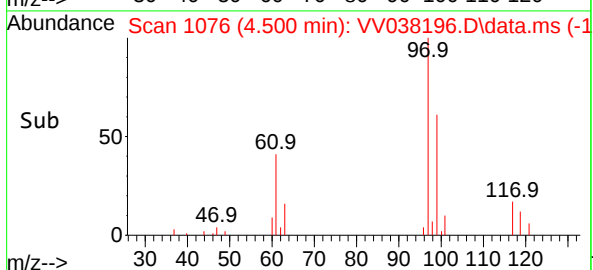
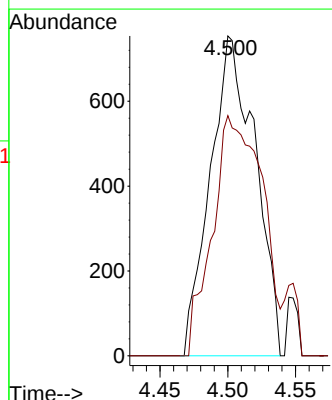
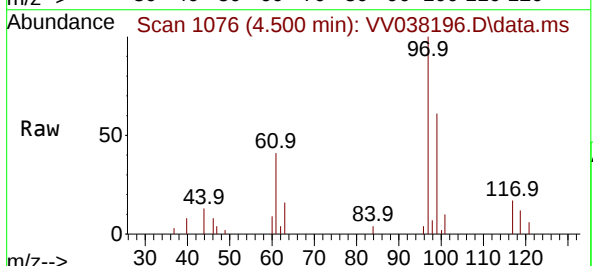
Acq: 19 Nov 2024 23:01

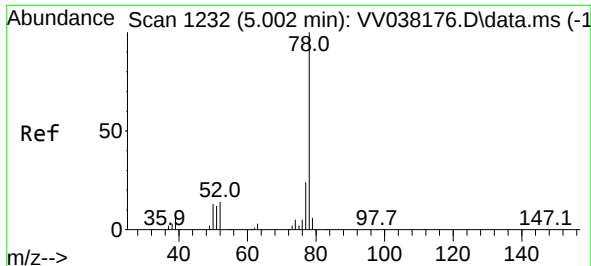
Tgt Ion: 117 Resp: 1744

Ion Ratio Lower Upper

117 100

119 83.1 77.4 116.2

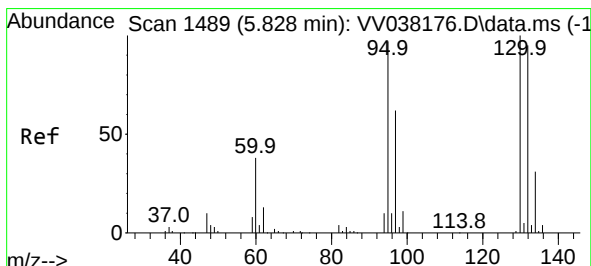
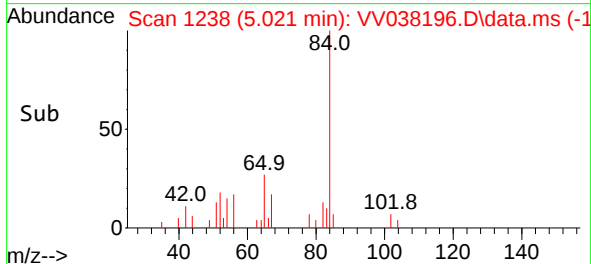
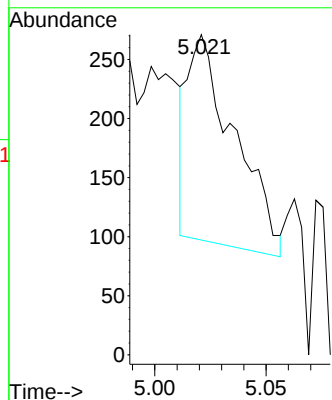
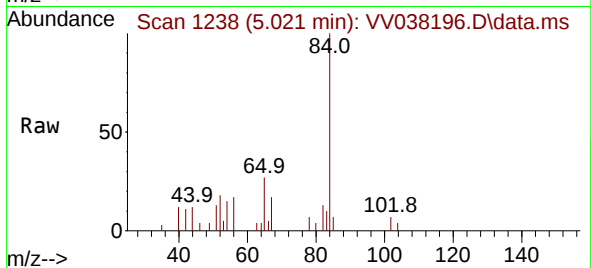




#33
Benzene
Concen: 0.004 ug/L
RT: 5.021 min Scan# 11
Delta R.T. 0.019 min
Lab File: VV038196.D
Acq: 19 Nov 2024 23:01

Instrument :
MSVOA_V
ClientSampleId :

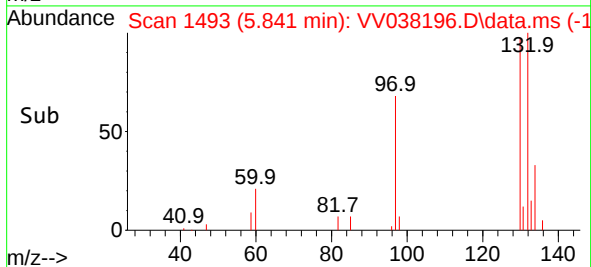
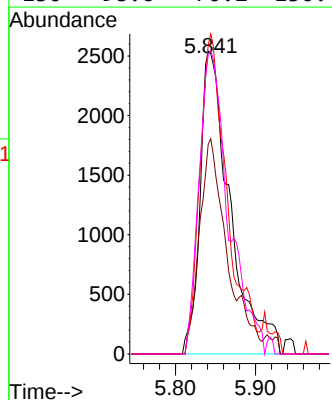
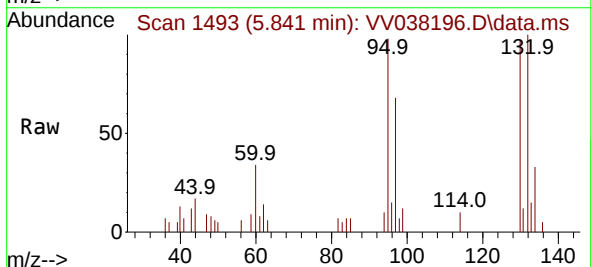
Tgt Ion: 78 Resp: 255

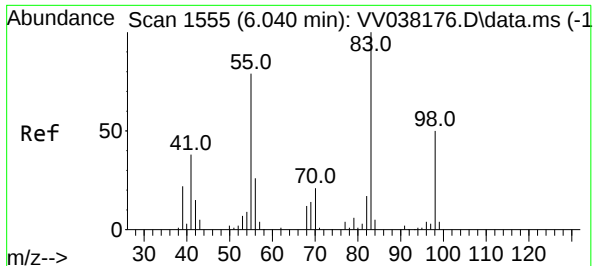


#34
Trichloroethene
Concen: 0.351 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.013 min
Lab File: VV038196.D
Acq: 19 Nov 2024 23:01

Tgt Ion: 95 Resp: 6648

Ion	Ratio	Lower	Upper
95	100		
97	69.1	44.8	83.2
132	102.0	68.3	126.8
130	98.6	70.2	130.4

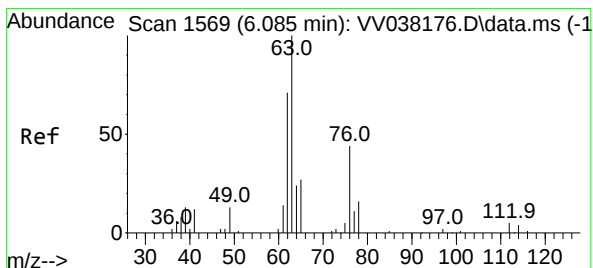
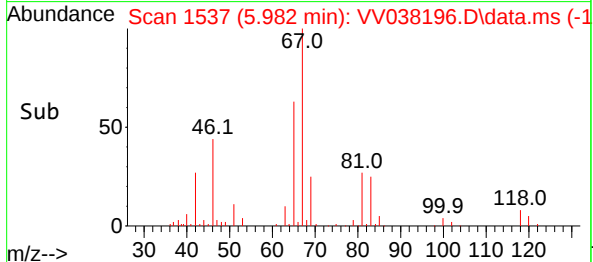
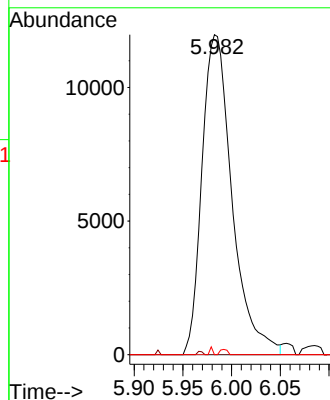
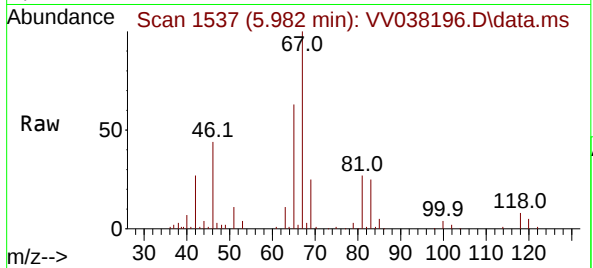




#35
Methylcyclohexane
Concen: 0.960 ug/L
RT: 5.982 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV038196.D
Acq: 19 Nov 2024 23:01

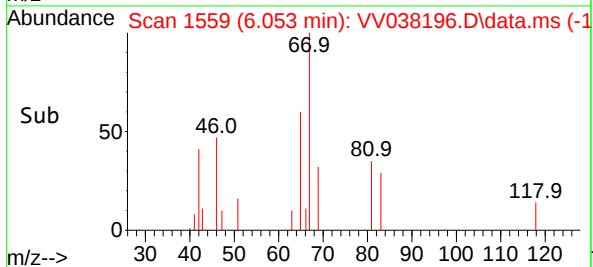
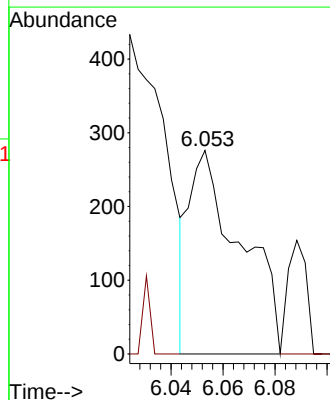
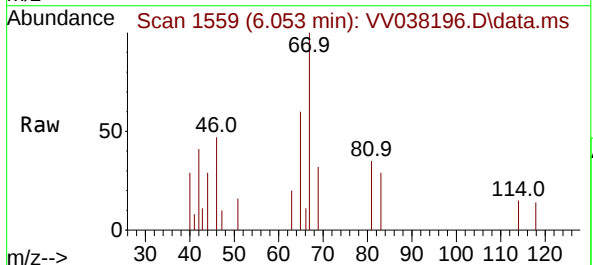
Instrument :
MSVOA_V
ClientSampleId :

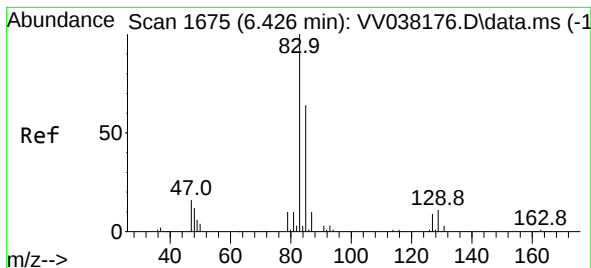
Tgt Ion: 83 Resp: 25742
Ion Ratio Lower Upper
83 100
55 0.2 59.7 89.5#
98 0.2 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.022 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. -0.032 min
Lab File: VV038196.D
Acq: 19 Nov 2024 23:01

Tgt Ion: 63 Resp: 377
Ion Ratio Lower Upper
63 100
112 5.3 3.9 5.9





#38

Bromodichloromethane

Concen: 0.001 ug/L

RT: 6.432 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV038196.D

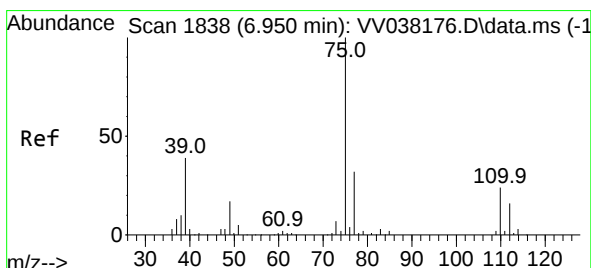
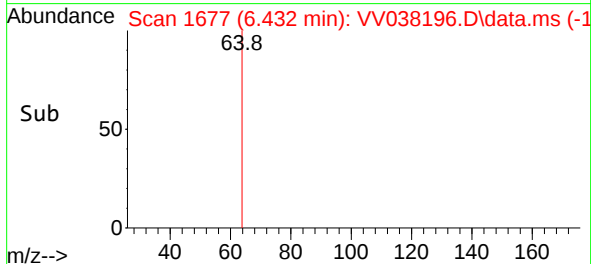
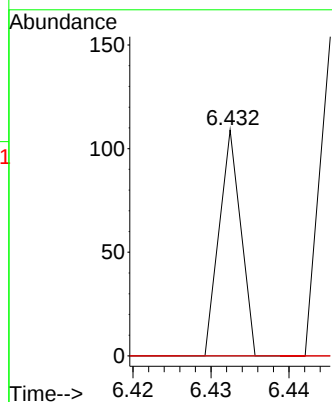
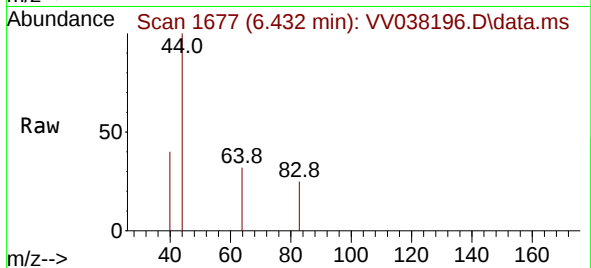
Acq: 19 Nov 2024 23:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp:	21
Ion	Ratio	Lower Upper
83	100	
85	0.0	43.9 81.5#
127	0.0	6.7 10.1#



#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

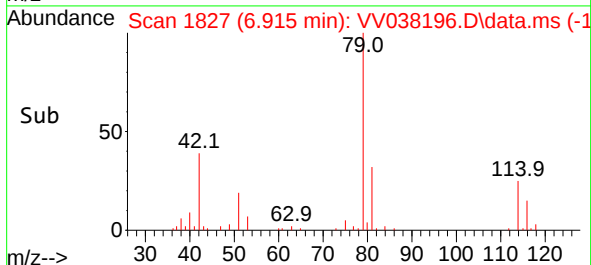
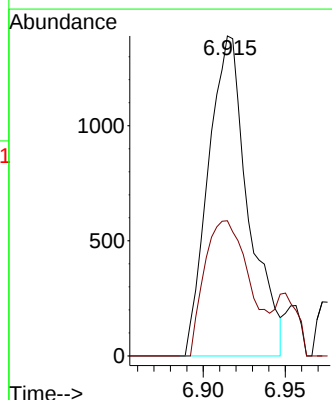
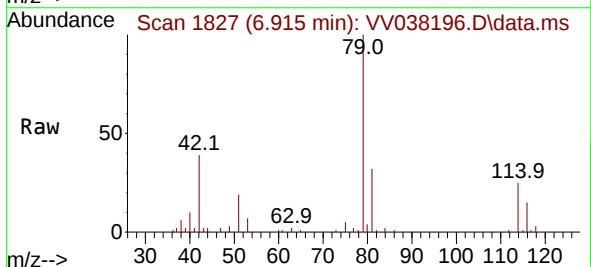
RT: 6.915 min Scan# 1827

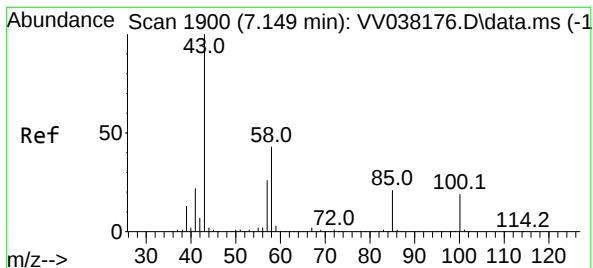
Delta R.T. -0.035 min

Lab File: VV038196.D

Acq: 19 Nov 2024 23:01

Tgt Ion: 75	Resp:	2358
Ion	Ratio	Lower Upper
75	100	
77	42.2	23.4 43.6





#40

4-Methyl-2-pentanone

Concen: 0.023 ug/L

RT: 7.137 min Scan# 1

Delta R.T. -0.013 min

Lab File: VV038196.D

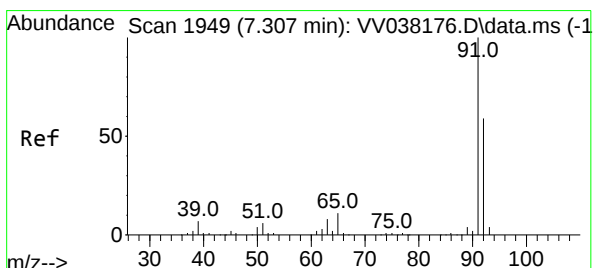
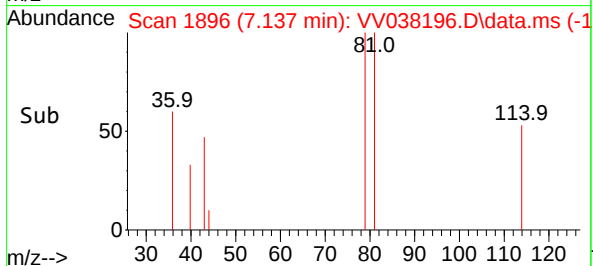
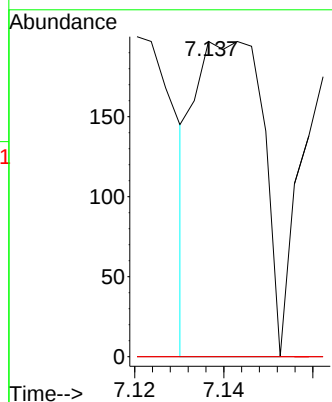
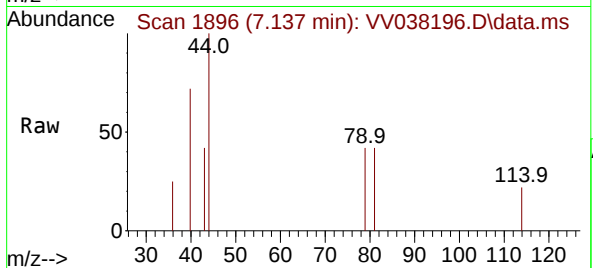
Acq: 19 Nov 2024 23:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43	Resp: 208
Ion Ratio	Lower Upper
43	100
58	0.0 33.4 50.2#
100	0.0 14.3 21.5#



#42

Toluene

Concen: 0.132 ug/L

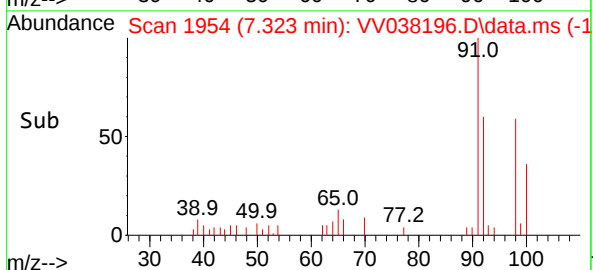
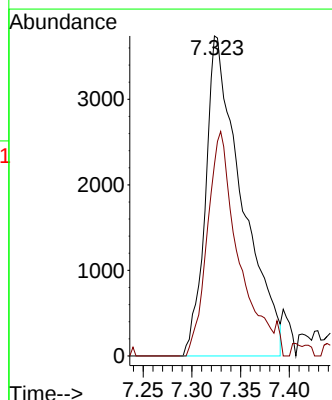
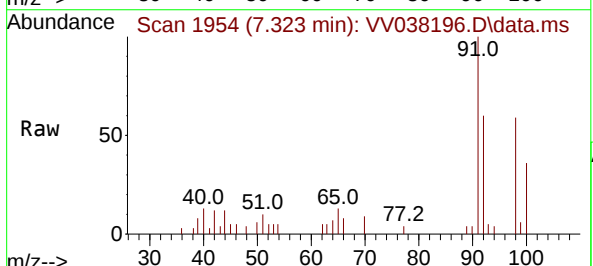
RT: 7.323 min Scan# 1954

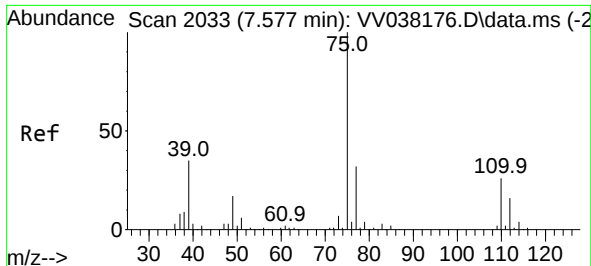
Delta R.T. 0.016 min

Lab File: VV038196.D

Acq: 19 Nov 2024 23:01

Tgt Ion: 91	Resp: 9718
Ion Ratio	Lower Upper
91	100
92	59.8 40.8 75.8

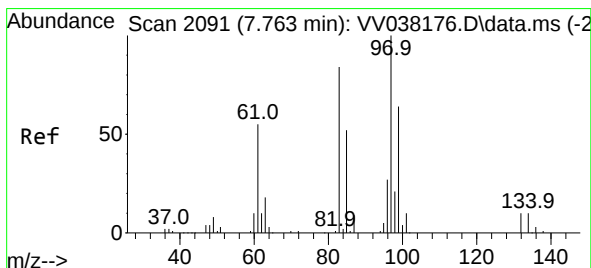
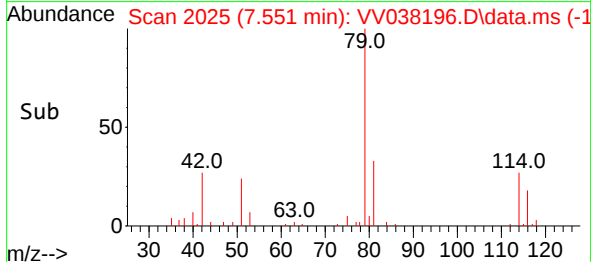
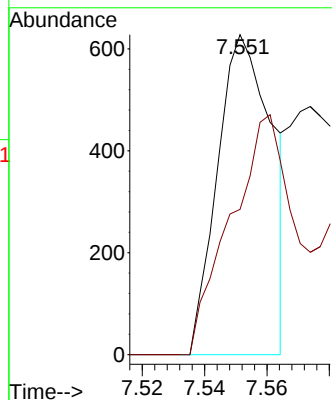
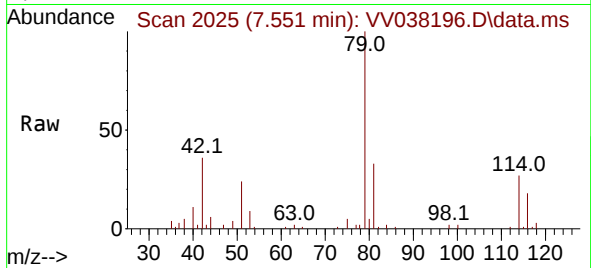




#44
trans-1,3-Dichloropropene
Concen: 0.037 ug/L
RT: 7.551 min Scan# 2095
Delta R.T. -0.026 min
Lab File: VV038196.D
Acq: 19 Nov 2024 23:01

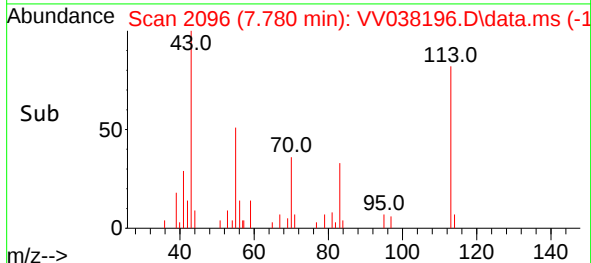
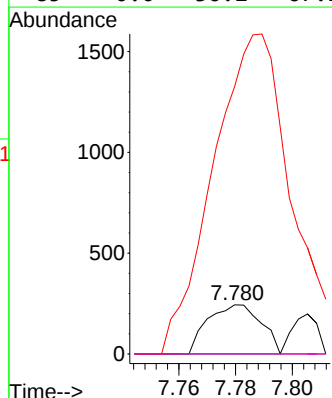
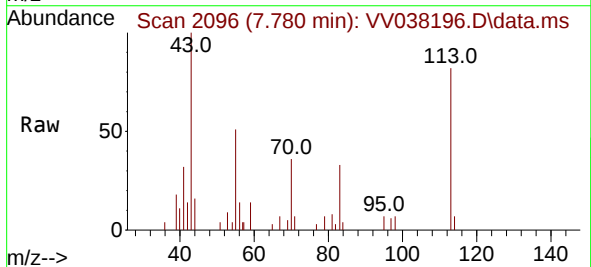
Instrument :
MSVOA_V
ClientSampleId :

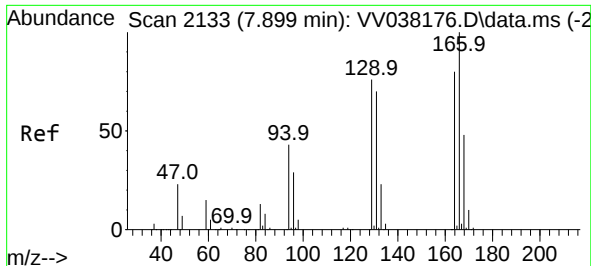
Tgt Ion: 75 Resp: 761
Ion Ratio Lower Upper
75 100
77 45.4 23.4 43.4#



#45
1,1,2-Trichloroethane
Concen: 0.023 ug/L
RT: 7.780 min Scan# 2096
Delta R.T. 0.016 min
Lab File: VV038196.D
Acq: 19 Nov 2024 23:01

Tgt Ion: 97 Resp: 318
Ion Ratio Lower Upper
97 100
99 0.0 41.9 77.7#
83 545.7 57.7 107.1#
85 0.0 36.2 67.2#





#47

Tetrachloroethene

Concen: 1.085 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.003 min

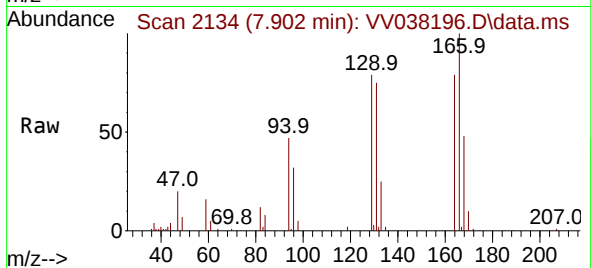
Lab File: VV038196.D

Acq: 19 Nov 2024 23:01

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 16525

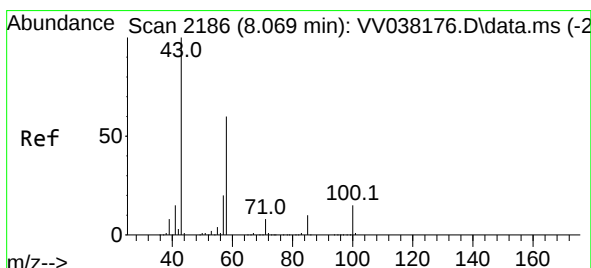
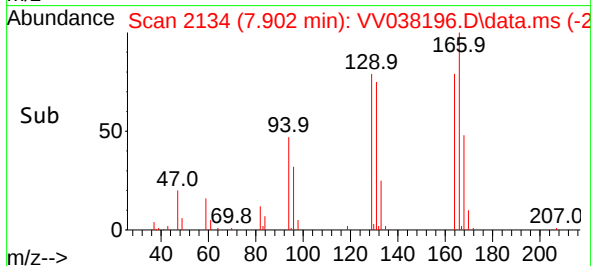
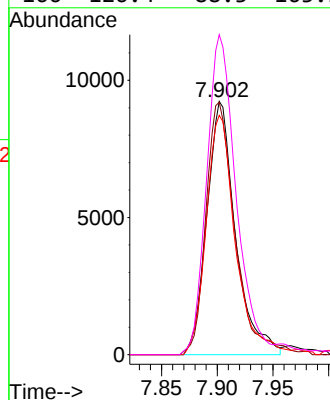
Ion Ratio Lower Upper

164 100

129 99.7 68.5 127.1

131 94.5 64.8 120.4

166 126.4 88.3 163.9



#48

2-Hexanone

Concen: 2.771 ug/L

RT: 8.018 min Scan# 2170

Delta R.T. -0.051 min

Lab File: VV038196.D

Acq: 19 Nov 2024 23:01

Tgt Ion: 43 Resp: 18311

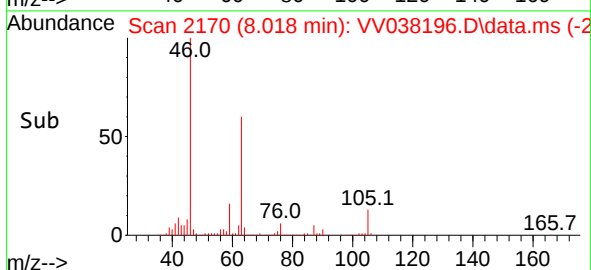
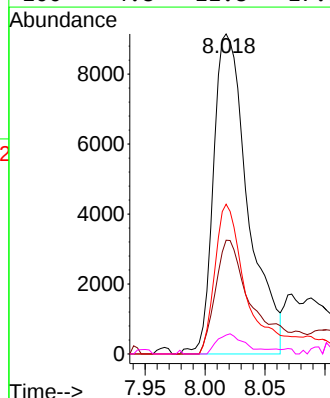
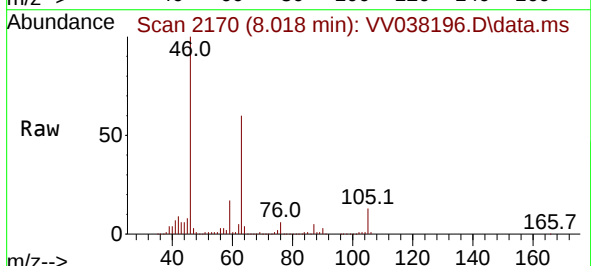
Ion Ratio Lower Upper

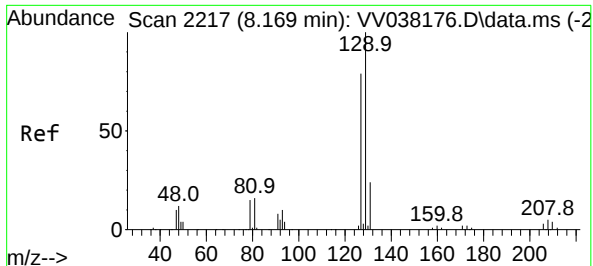
43 100

58 38.1 49.2 73.8#

57 44.0 16.9 25.3#

100 4.8 11.8 17.8#

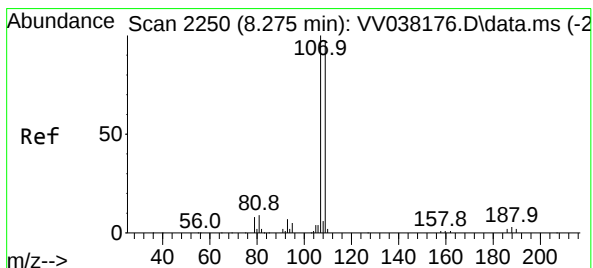
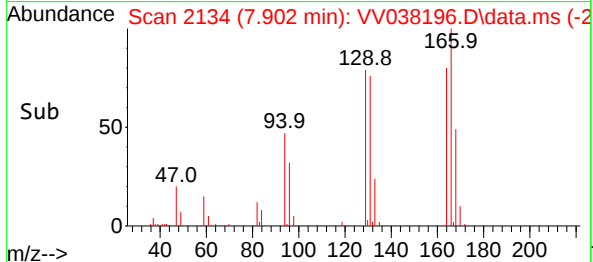
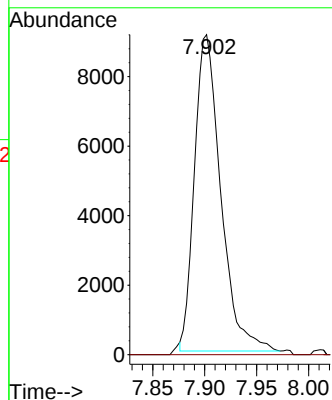
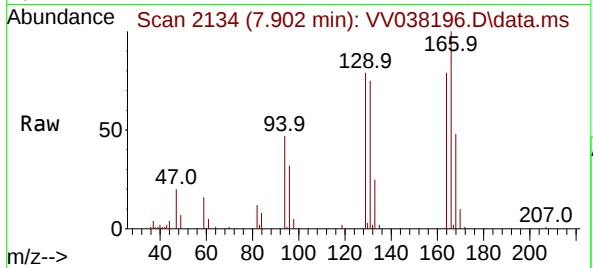




#49
Dibromochloromethane
Concen: 1.041 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.267 min
Lab File: VV038196.D
Acq: 19 Nov 2024 23:01

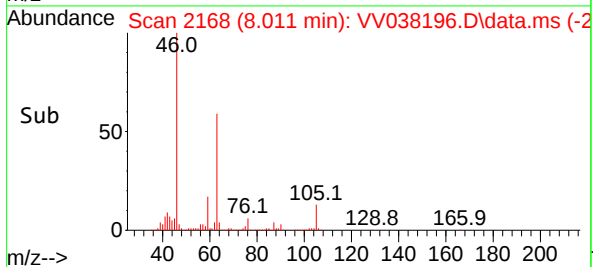
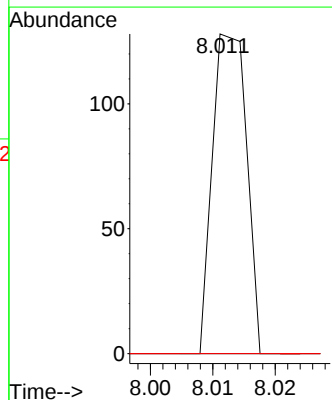
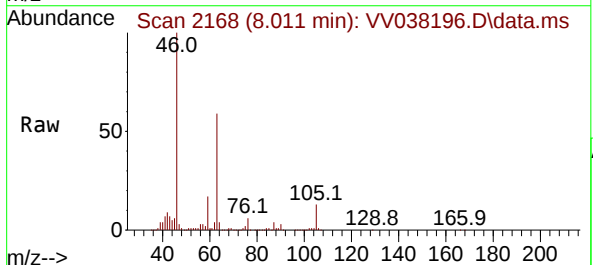
Instrument :
MSVOA_V
ClientSampleId :

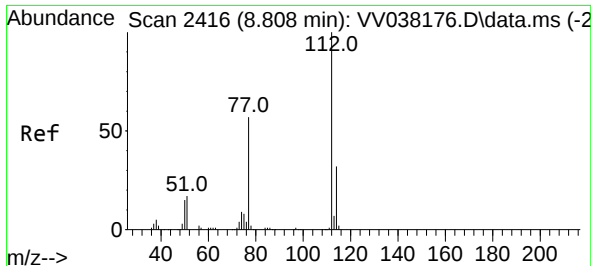
Tgt Ion:129 Resp: 16029
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#



#50
1,2-Dibromoethane
Concen: 0.004 ug/L
RT: 8.011 min Scan# 2168
Delta R.T. -0.264 min
Lab File: VV038196.D
Acq: 19 Nov 2024 23:01

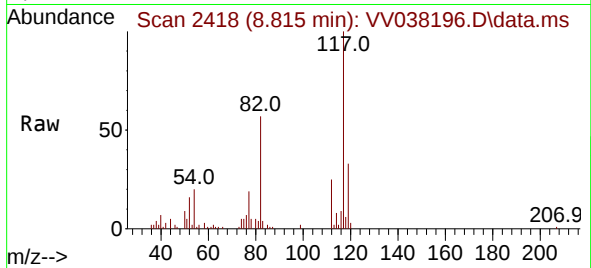
Tgt Ion:107 Resp: 49
Ion Ratio Lower Upper
107 100
109 0.0 66.1 122.7#
188 0.0 2.6 3.8#



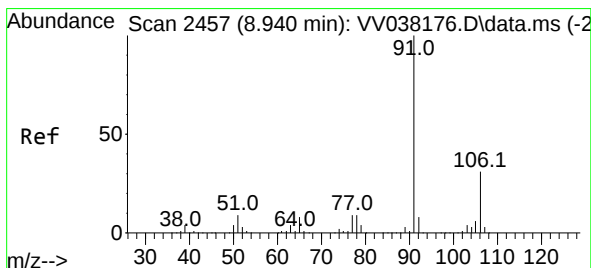
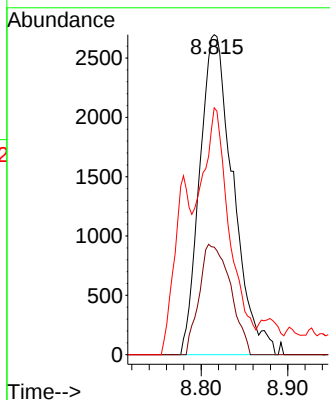
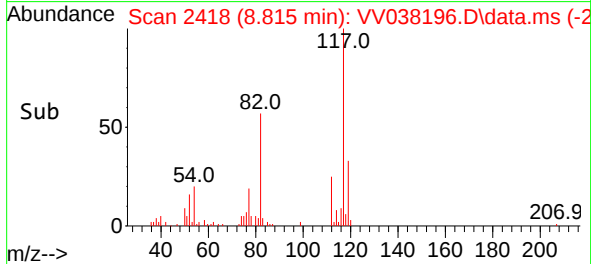


#51
Chlorobenzene
Concen: 0.142 ug/L
RT: 8.815 min Scan# 2416
Delta R.T. 0.007 min
Lab File: VV038196.D
Acq: 19 Nov 2024 23:01

Instrument :
MSVOA_V
ClientSampleId :

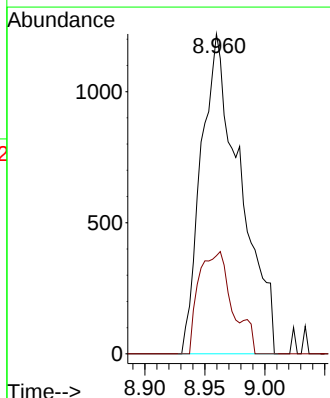
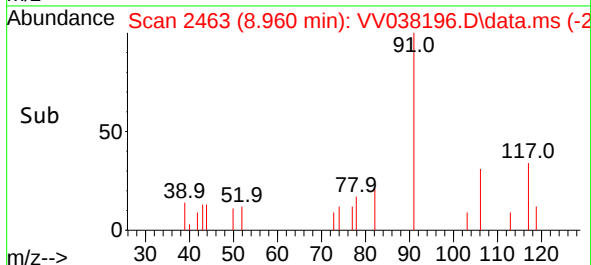
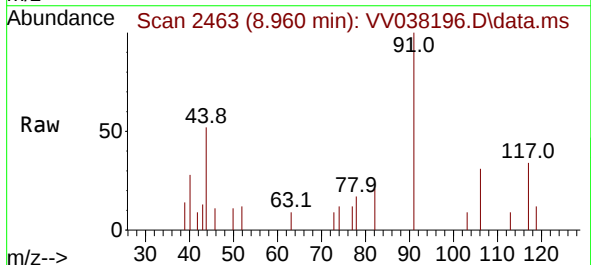


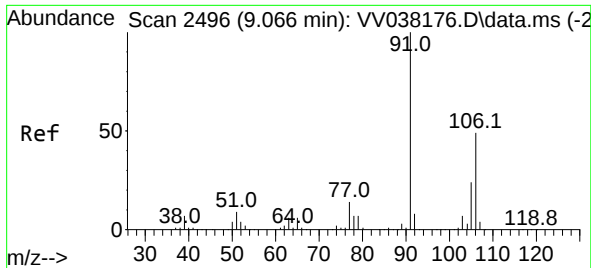
Tgt Ion:112 Resp: 7226
Ion Ratio Lower Upper
112 100
114 33.6 22.0 40.8
77 77.2 45.0 67.4#



#52
Ethylbenzene
Concen: 0.035 ug/L
RT: 8.960 min Scan# 2463
Delta R.T. 0.019 min
Lab File: VV038196.D
Acq: 19 Nov 2024 23:01

Tgt Ion: 91 Resp: 2767
Ion Ratio Lower Upper
91 100
106 30.7 21.8 40.4

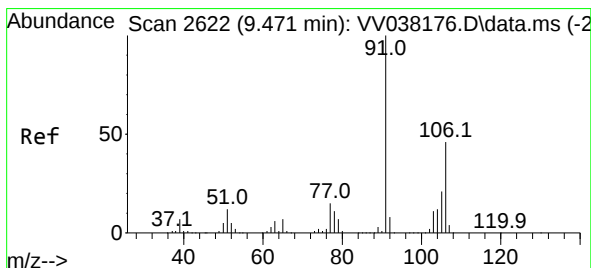
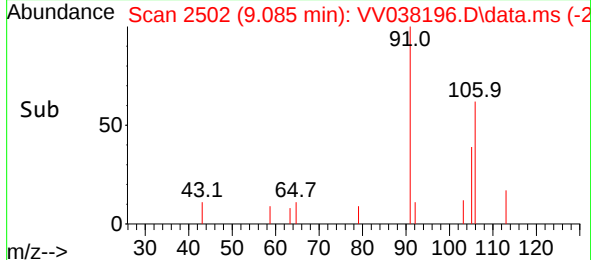
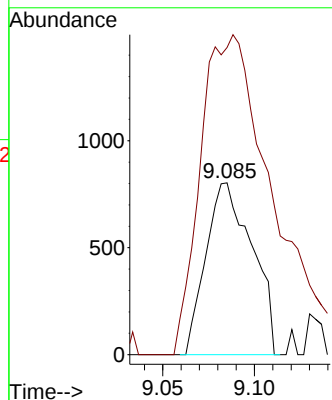
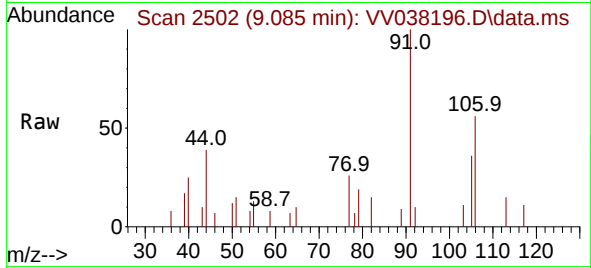




#53
m,p-Xylene
Concen: 0.048 ug/L
RT: 9.085 min Scan# 21
Delta R.T. 0.019 min
Lab File: VV038196.D
Acq: 19 Nov 2024 23:01

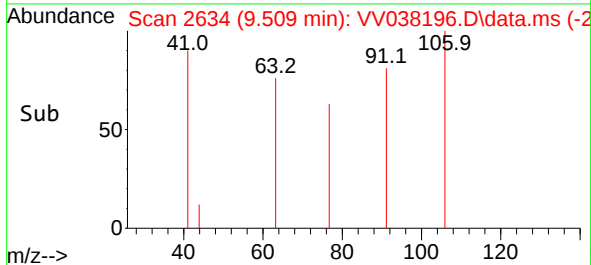
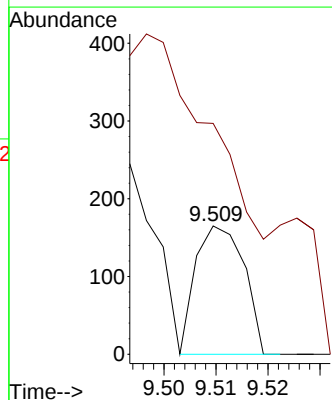
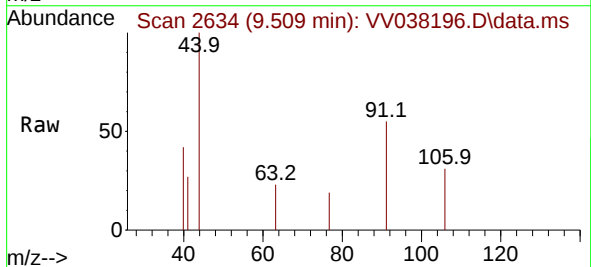
Instrument :
MSVOA_V
ClientSampleId :

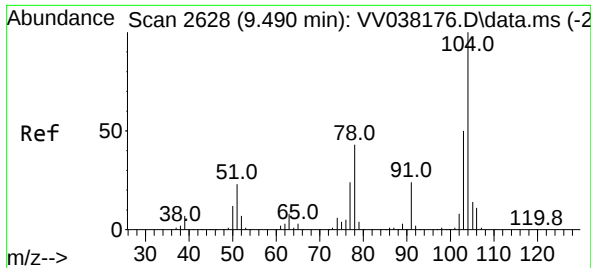
Tgt Ion:106 Resp: 1408
Ion Ratio Lower Upper
106 100
91 178.8 138.7 257.5



#54
o-Xylene
Concen: 0.004 ug/L
RT: 9.509 min Scan# 2634
Delta R.T. 0.039 min
Lab File: VV038196.D
Acq: 19 Nov 2024 23:01

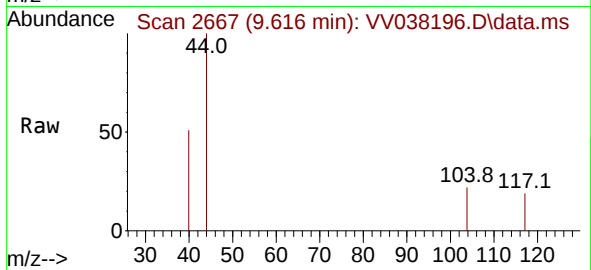
Tgt Ion:106 Resp: 107
Ion Ratio Lower Upper
106 100
91 180.0 155.5 288.7



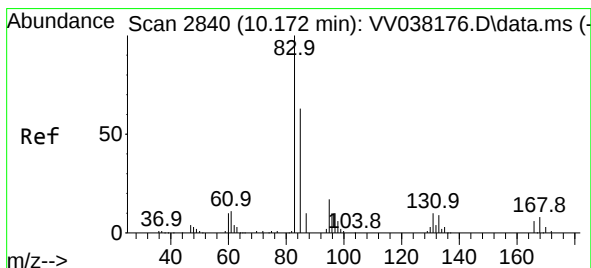
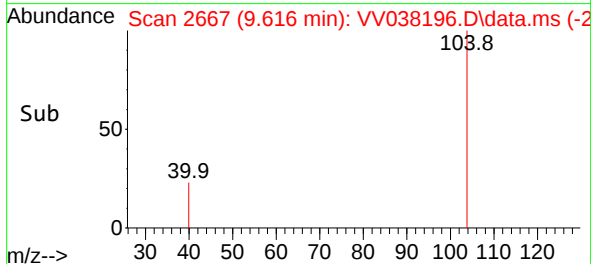
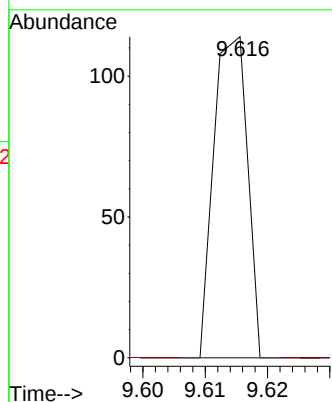


#55
Styrene
Concen: 0.001 ug/L
RT: 9.616 min Scan# 21
Delta R.T. 0.126 min
Lab File: VV038196.D
Acq: 19 Nov 2024 23:01

Instrument :
MSVOA_V
ClientSampleId :

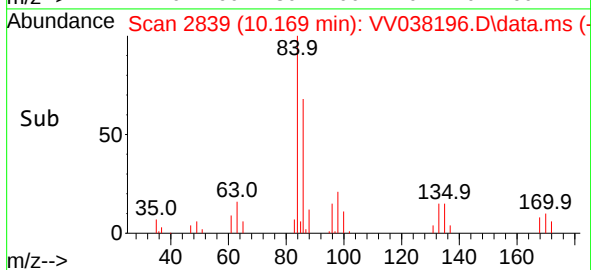
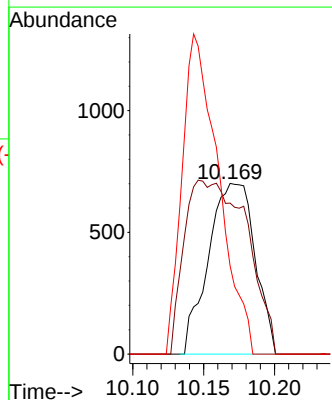
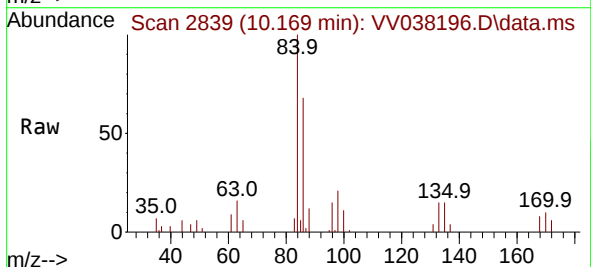


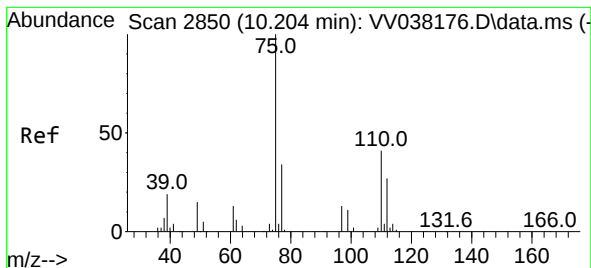
Tgt Ion:104 Resp: 43
Ion Ratio Lower Upper
104 100
78 0.0 29.7 55.1#



#57
1,1,2,2-Tetrachloroethane
Concen: 0.097 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. -0.003 min
Lab File: VV038196.D
Acq: 19 Nov 2024 23:01

Tgt Ion: 83 Resp: 1603
Ion Ratio Lower Upper
83 100
85 88.4 45.7 84.9#
131 51.6 8.2 12.4#





#61

1,2,3-Trichloropropane

Concen: 1.308 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.974 min

Lab File: VV038196.D

Acq: 19 Nov 2024 23:01

Instrument :

MSVOA_V

ClientSampleId :

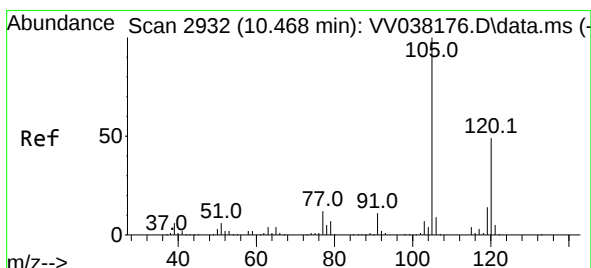
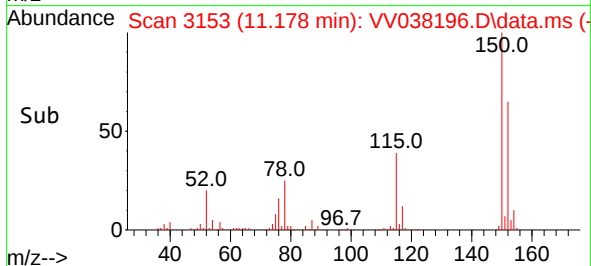
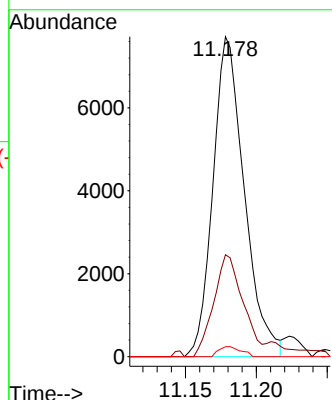
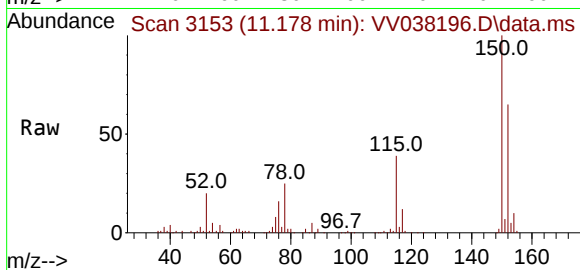
Tgt Ion: 75 Resp: 11847

Ion Ratio Lower Upper

75 100

77 30.2 26.4 39.6

110 2.2 32.3 48.5#



#62

1,3,5-Trimethylbenzene

Concen: 0.001 ug/L

RT: 10.480 min Scan# 2936

Delta R.T. 0.013 min

Lab File: VV038196.D

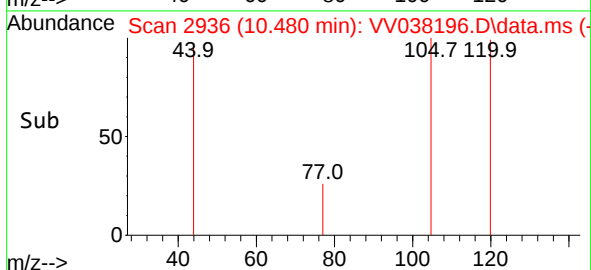
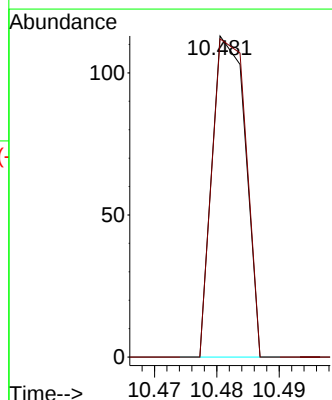
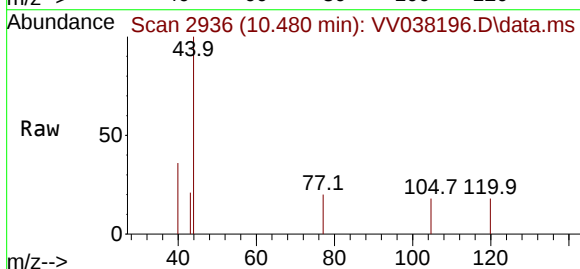
Acq: 19 Nov 2024 23:01

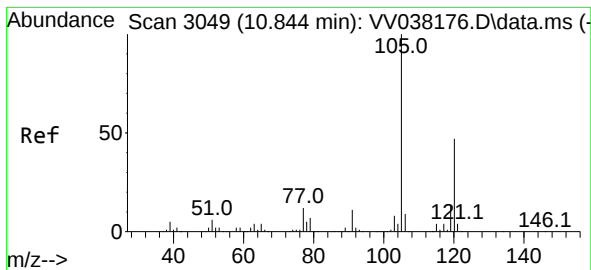
Tgt Ion: 105 Resp: 42

Ion Ratio Lower Upper

105 100

120 0.0 39.2 58.8#





#63

1,2,4-Trimethylbenzene

Concen: 0.003 ug/L

RT: 10.882 min Scan# 3049

Delta R.T. 0.039 min

Lab File: VV038196.D

Acq: 19 Nov 2024 23:01

Instrument :

MSVOA_V

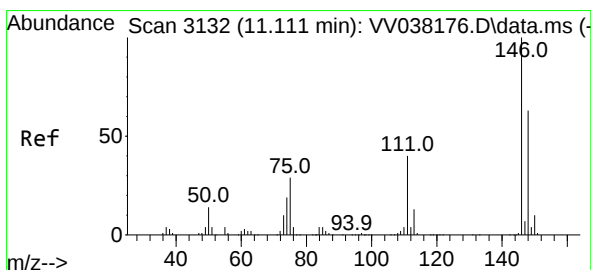
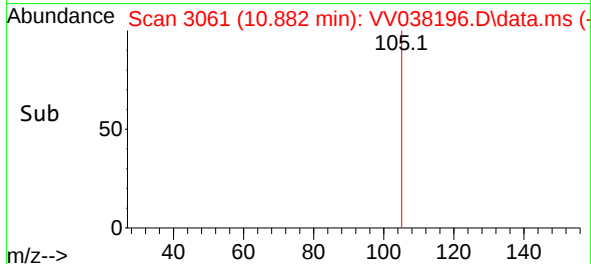
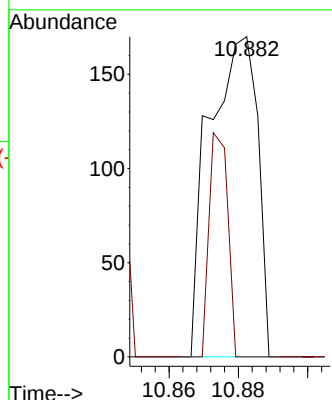
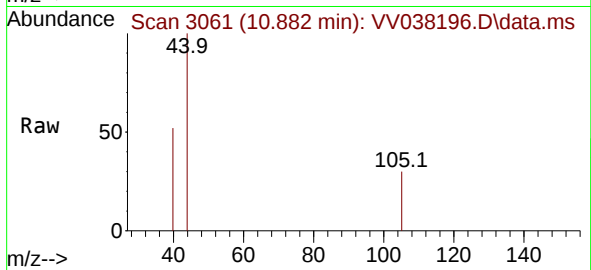
ClientSampleId :

Tgt Ion:105 Resp: 165

Ion Ratio Lower Upper

105 100

120 26.7 37.0 55.4#



#64

1,3-Dichlorobenzene

Concen: 0.014 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.090 min

Lab File: VV038196.D

Acq: 19 Nov 2024 23:01

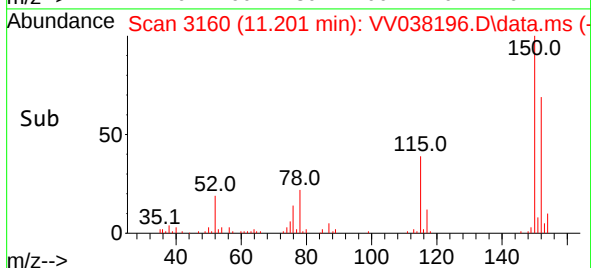
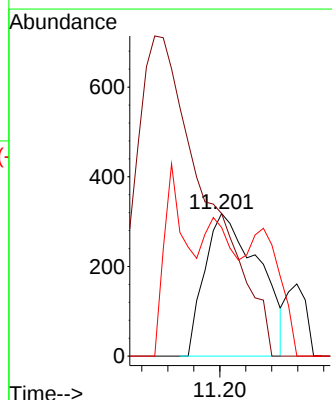
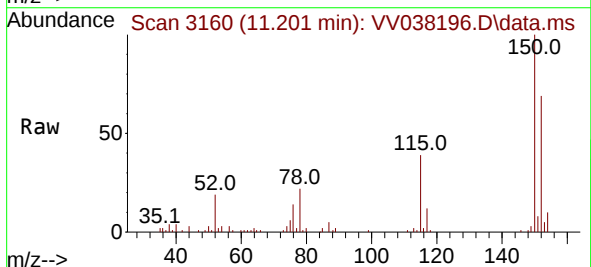
Tgt Ion:146 Resp: 459

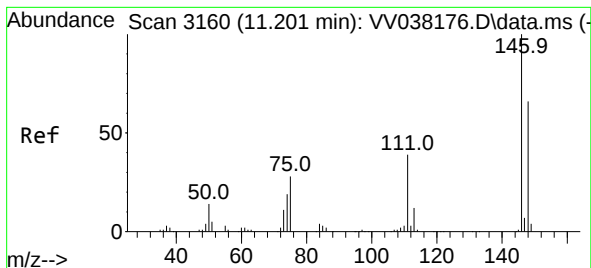
Ion Ratio Lower Upper

146 100

111 100.0 28.2 52.4#

148 90.3 44.2 82.2#





#65

1,4-Dichlorobenzene

Concen: 0.014 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV038196.D

Acq: 19 Nov 2024 23:01

Instrument :

MSVOA_V

ClientSampleId :

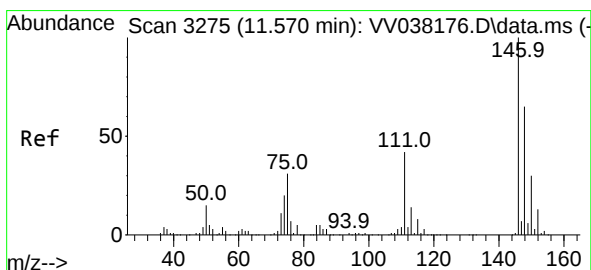
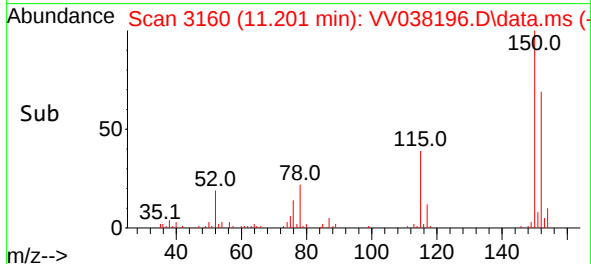
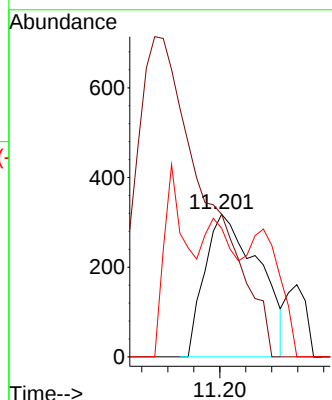
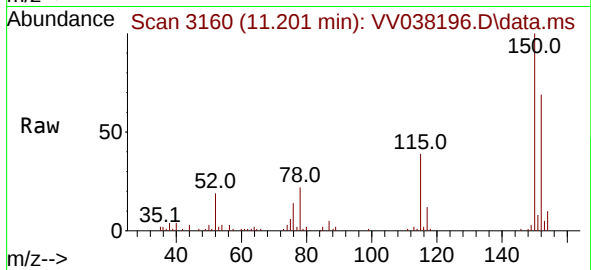
Tgt Ion:146 Resp: 459

Ion Ratio Lower Upper

146 100

111 100.0 27.4 50.8#

148 90.3 44.4 82.4#



#67

1,2-Dichlorobenzene

Concen: 0.072 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.003 min

Lab File: VV038196.D

Acq: 19 Nov 2024 23:01

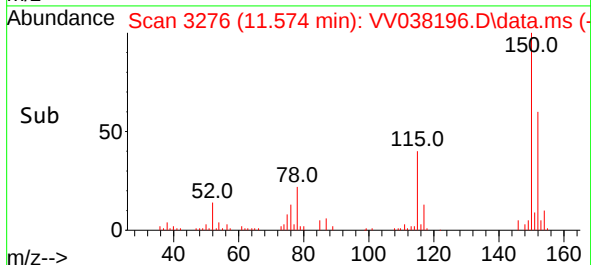
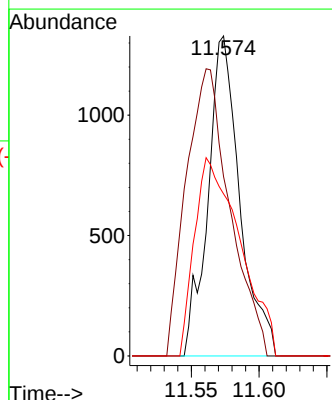
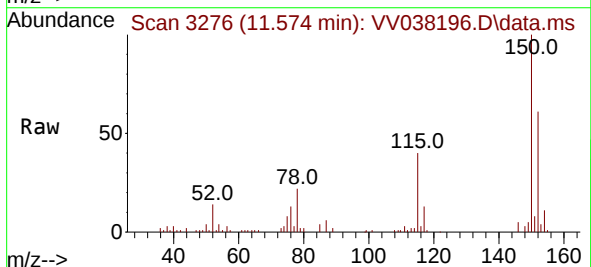
Tgt Ion:146 Resp: 2179

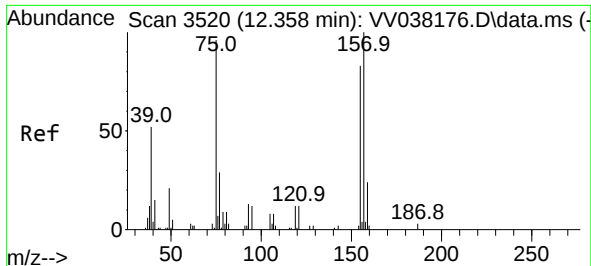
Ion Ratio Lower Upper

146 100

111 56.1 34.2 51.2#

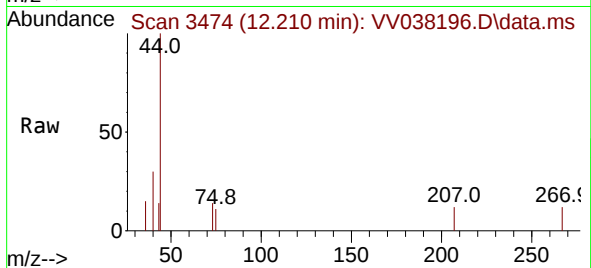
148 50.6 51.0 76.4#



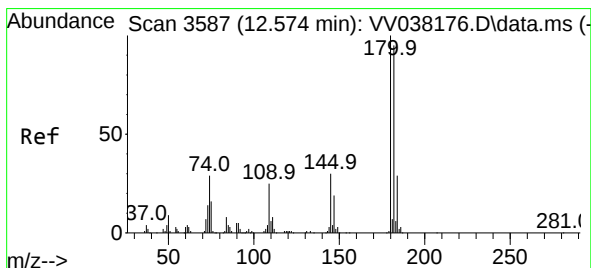
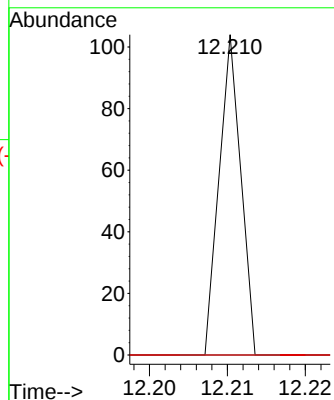
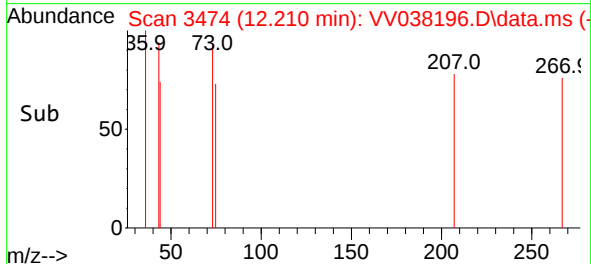


#68
1,2-Dibromo-3-chloropropane
Concen: 0.010 ug/L
RT: 12.210 min Scan# 34
Delta R.T. -0.148 min
Lab File: VV038196.D
Acq: 19 Nov 2024 23:01

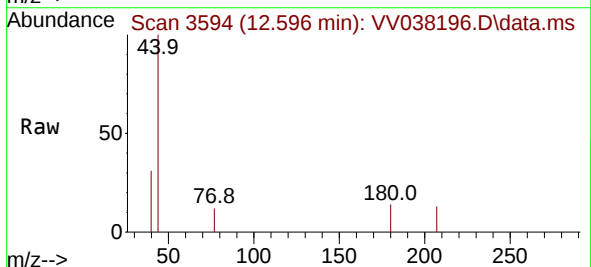
Instrument :
MSVOA_V
ClientSampleId :



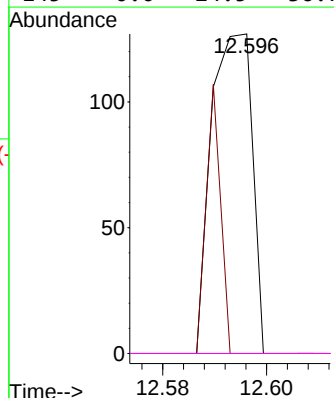
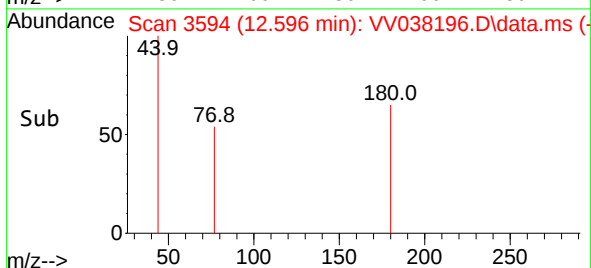
Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
155 0.0 67.5 101.3#
157 0.0 82.7 124.1#

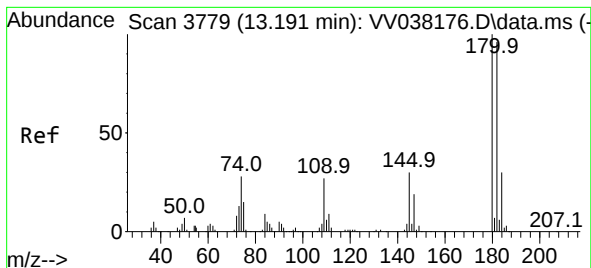


#69
1,3,5-Trichlorobenzene
Concen: 0.003 ug/L
RT: 12.596 min Scan# 3594
Delta R.T. 0.023 min
Lab File: VV038196.D
Acq: 19 Nov 2024 23:01



Tgt Ion: 180 Resp: 69
Ion Ratio Lower Upper
180 100
182 30.4 76.0 114.0#
184 0.0 23.7 35.5#
145 0.0 24.5 36.7#





#70

1,2,4-trichlorobenzene

Concen: 0.004 ug/L

RT: 13.226 min Scan# 31

Delta R.T. 0.035 min

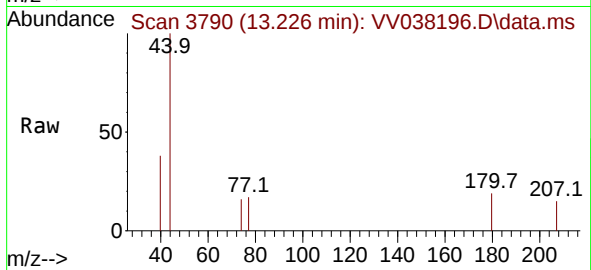
Lab File: VV038196.D

Acq: 19 Nov 2024 23:01

Instrument :

MSVOA_V

ClientSampleId :



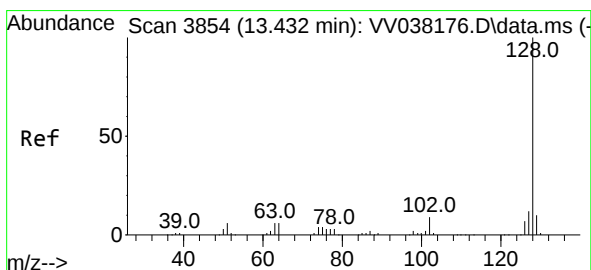
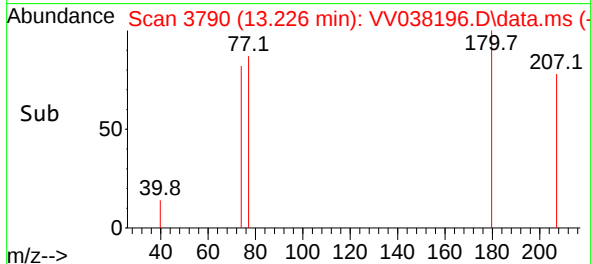
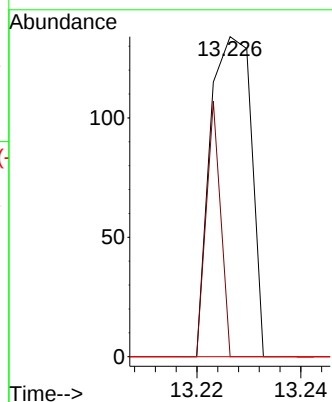
Tgt Ion:180 Resp: 73

Ion Ratio Lower Upper

180 100

182 28.8 73.8 110.8#

145 0.0 24.6 37.0#



#71

Naphthalene

Concen: 0.002 ug/L

RT: 13.535 min Scan# 3886

Delta R.T. 0.103 min

Lab File: VV038196.D

Acq: 19 Nov 2024 23:01

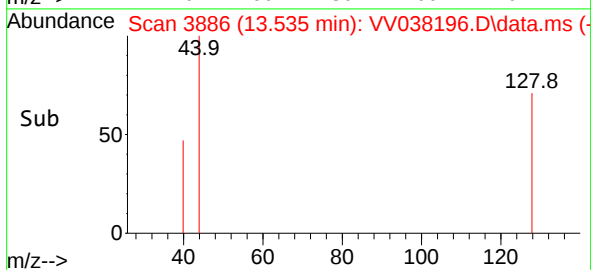
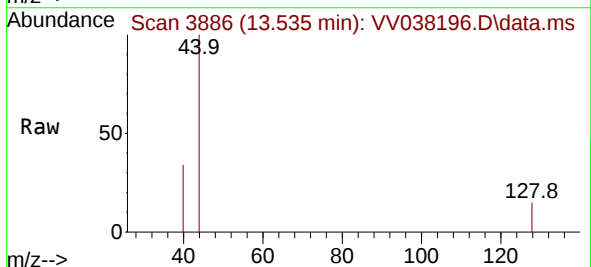
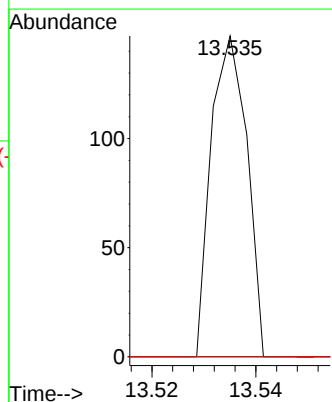
Tgt Ion:128 Resp: 70

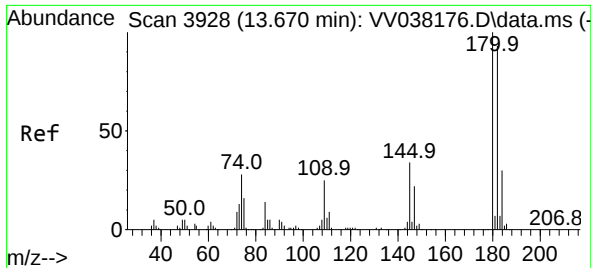
Ion Ratio Lower Upper

128 100

129 0.0 8.5 12.7#

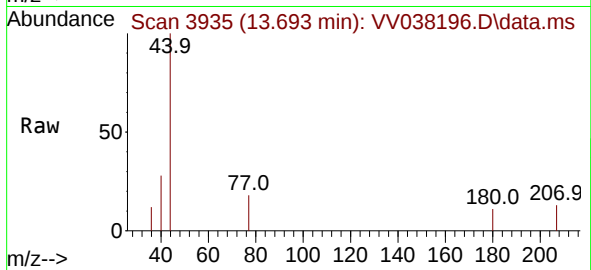
127 0.0 10.1 15.1#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.001 ug/L
 RT: 13.693 min Scan# 3928
 Delta R.T. 0.023 min
 Lab File: VV038196.D
 Acq: 19 Nov 2024 23:01

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	19
Ion Ratio	Lower	Upper	
180	100		
182	0.0	75.1	112.7#
145	0.0	27.0	40.4#

