

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038176.D
 Acq On : 19 Nov 2024 14:24
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 19 22:40:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 22:27:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	268837	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	267237	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	146802	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	101860	4.943	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.800%
7) Chloroethane-d5	1.529	69	83490	5.009	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.053	65	43316	4.885	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.600%
20) 2-Butanone-d5	3.799	46	212901	51.648	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.300%
24) Chloroform-d	4.239	84	203884	5.098	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	4.937	65	95009	5.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	4.950	84	377973	5.472	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.400%
36) 1,2-Dichloropropane-d6	5.982	67	114260	5.376	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.600%
41) Toluene-d8	7.236	98	352547	5.516	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.400%
43) trans-1,3-Dichloroprop...	7.551	79	44767	5.665	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	113.400%
46) 2-Hexanone-d5	8.021	63	174561	56.831	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.660%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	96871	5.369	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	11.551	152	128501	5.138	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	125477	4.933	ug/L	97
3) Chloromethane	1.214	50	116116	5.302	ug/L	99
5) Vinyl chloride	1.278	62	127279	5.129	ug/L	96
6) Bromomethane	1.484	94	52314	5.406	ug/L	100
8) Chloroethane	1.545	64	83872	5.303	ug/L	99
9) Trichlorofluoromethane	1.709	101	166743	4.721	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	93856	4.656	ug/L	99
12) 1,1-Dichloroethene	2.063	96	94877	4.941	ug/L	92
13) Acetone	2.127	43	152388	49.985	ug/L	99
14) Carbon disulfide	2.233	76	302573	4.892	ug/L	100
15) Methyl Acetate	2.381	43	38161	5.154	ug/L	100
16) Methylene chloride	2.439	84	113741	5.195	ug/L	98
17) Methyl tert-butyl Ether	2.699	73	235454	5.423	ug/L	100
18) trans-1,2-Dichloroethene	2.686	96	101702	5.028	ug/L	100
19) 1,1-Dichloroethane	3.104	63	191217	5.208	ug/L	99
21) 2-Butanone	3.876	43	229893	52.540	ug/L	99
22) cis-1,2-Dichloroethene	3.805	96	111065	5.310	ug/L	98
23) Bromochloromethane	4.140	128	55192	5.405	ug/L	96
25) Chloroform	4.265	83	202510	5.155	ug/L	96

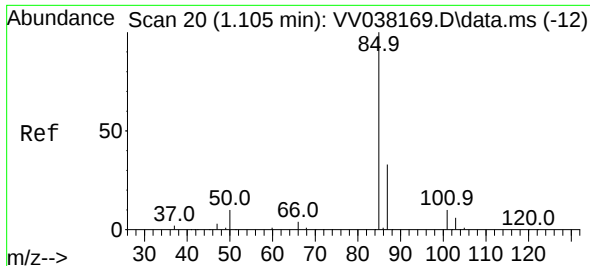
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	116479	5.450	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	166465	5.194	ug/L	99
30) Cyclohexane	4.571	56	129039	4.854	ug/L	99
31) Carbon tetrachloride	4.725	117	141395	5.001	ug/L	99
33) Benzene	5.002	78	415941	5.541	ug/L	100
34) Trichloroethene	5.828	95	108093	5.282	ug/L	98
35) Methylcyclohexane	6.040	83	137460	4.748	ug/L	99
37) 1,2-Dichloropropane	6.085	63	103755	5.518	ug/L	99
38) Bromodichloromethane	6.426	83	139026	5.501	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	145997	5.562	ug/L	97
40) 4-Methyl-2-pentanone	7.149	43	574282	58.356	ug/L	99
42) Toluene	7.307	91	432729	5.443	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	125875	5.677	ug/L	98
45) 1,1,2-Trichloroethane	7.763	97	85138	5.583	ug/L	98
47) Tetrachloroethene	7.899	164	80965	4.924	ug/L	98
48) 2-Hexanone	8.069	43	404503	56.682	ug/L	98
49) Dibromochloromethane	8.169	129	91833	5.524	ug/L	97
50) 1,2-Dibromoethane	8.275	107	80240	5.676	ug/L	98
51) Chlorobenzene	8.808	112	281613	5.141	ug/L	98
52) Ethylbenzene	8.940	91	434779	5.155	ug/L	100
53) m,p-Xylene	9.066	106	164669	5.174	ug/L	95
54) o-Xylene	9.471	106	161465	5.211	ug/L	97
55) Styrene	9.490	104	296903	5.436	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	96482	5.411	ug/L	97
59) Bromoform	9.657	173	47355	5.543	ug/L	100
60) Isopropylbenzene	9.860	105	426862	5.048	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	69250	5.510	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	328364	4.894	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	339583	5.075	ug/L	98
64) 1,3-Dichlorobenzene	11.111	146	226745	4.994	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	225564	4.915	ug/L	98
67) 1,2-Dichlorobenzene	11.570	146	214954	5.115	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	15869	5.625	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	154409	4.801	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	132462	4.983	ug/L	97
71) Naphthalene	13.432	128	212056	5.127	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	126687	5.158	ug/L	98

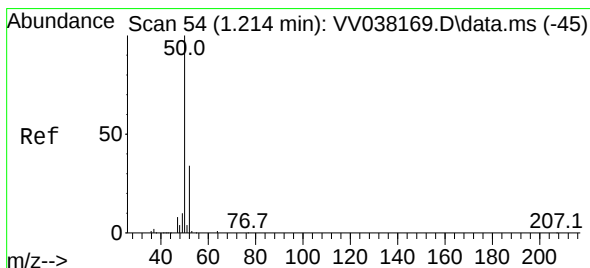
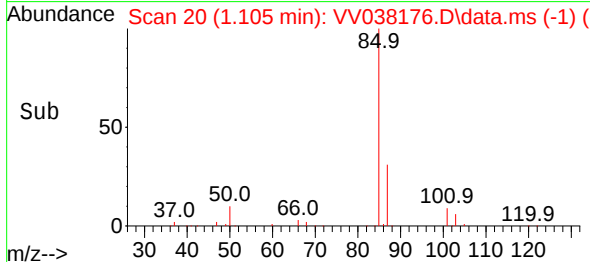
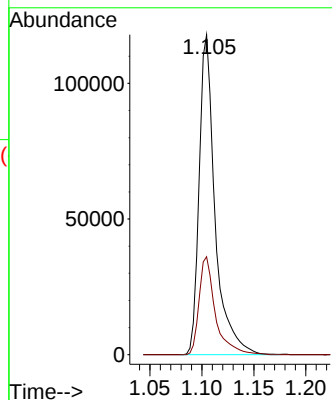
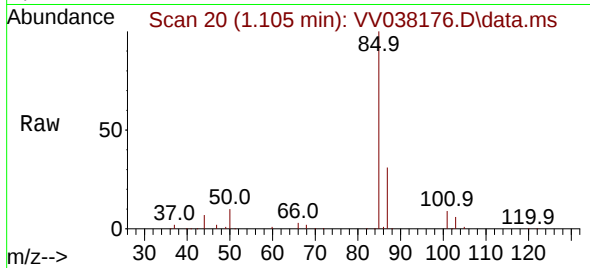
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 4.933 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV038176.D
Acq: 19 Nov 2024 14:24

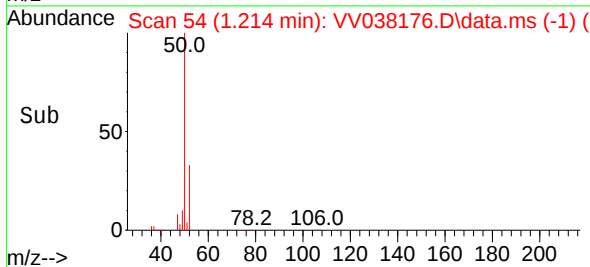
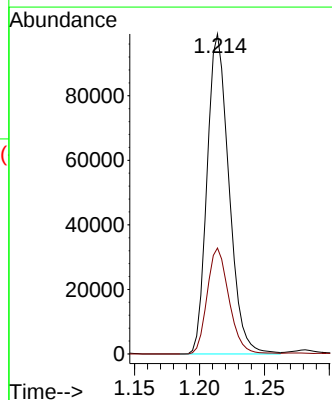
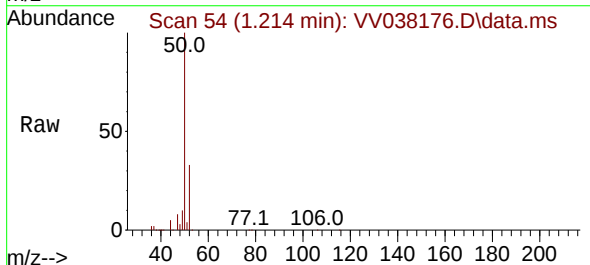
Instrument :
MSVOA_V
ClientSampleId :

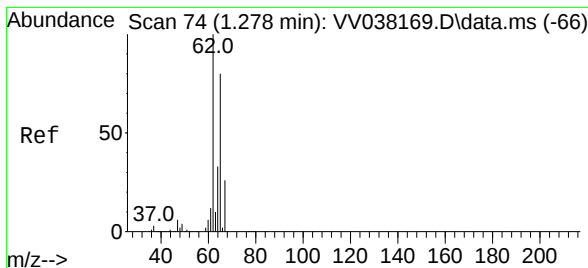
Tgt Ion: 85 Resp: 125477
Ion Ratio Lower Upper
85 100
87 31.5 26.5 39.7



#3
Chloromethane
Concen: 5.302 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV038176.D
Acq: 19 Nov 2024 14:24

Tgt Ion: 50 Resp: 116116
Ion Ratio Lower Upper
50 100
52 33.1 23.5 43.7





#5

Vinyl chloride

Concen: 5.129 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.000 min

Lab File: VV038176.D

Acq: 19 Nov 2024 14:24

Instrument :

MSVOA_V

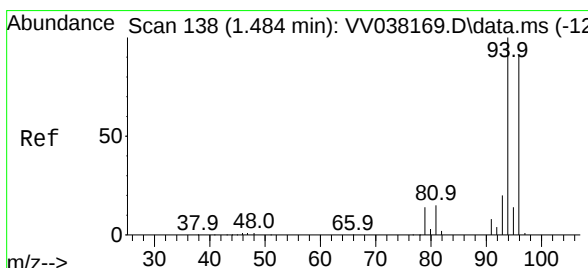
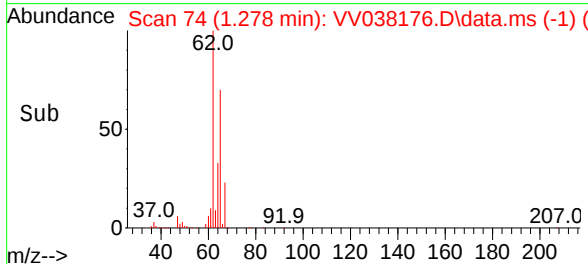
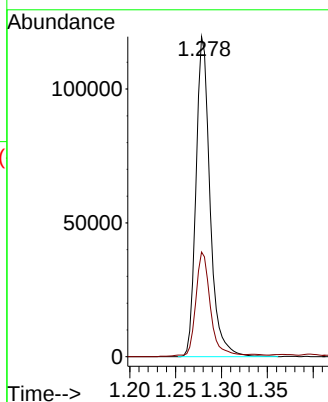
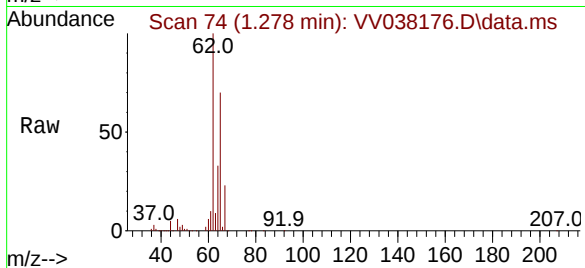
ClientSampleId :

Tgt Ion: 62 Resp: 127279

Ion Ratio Lower Upper

62 100

64 32.7 24.4 45.4



#6

Bromomethane

Concen: 5.406 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.000 min

Lab File: VV038176.D

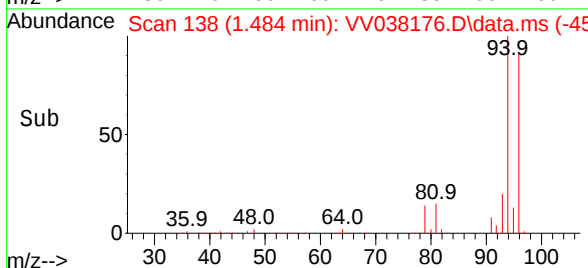
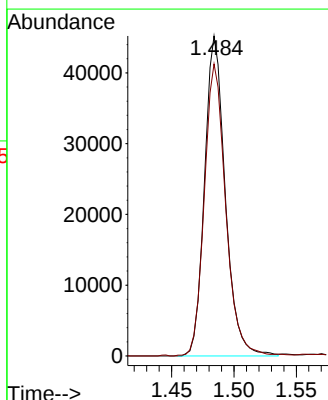
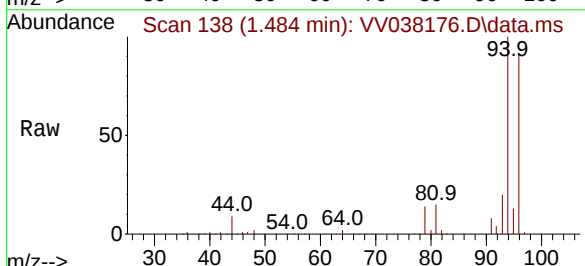
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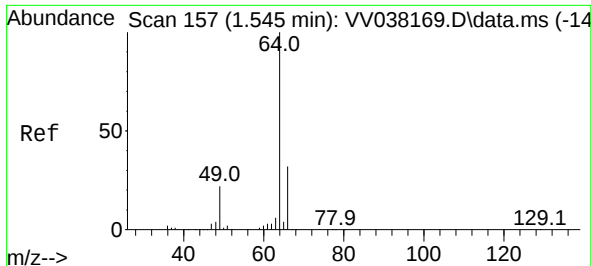
Tgt Ion: 94 Resp: 52314

Ion Ratio Lower Upper

94 100

96 91.2 63.7 118.3

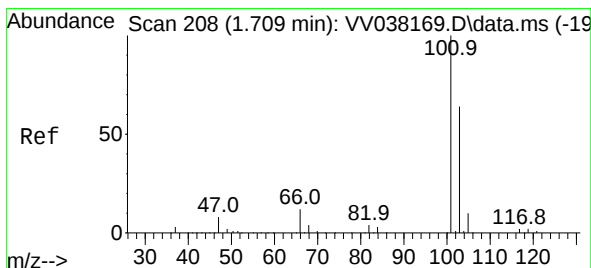
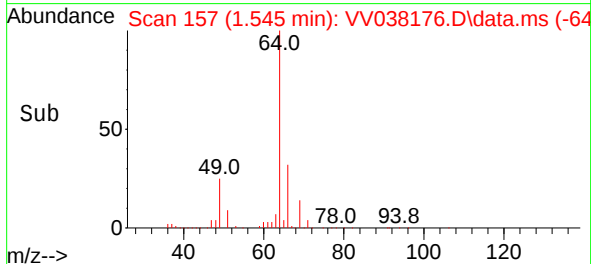
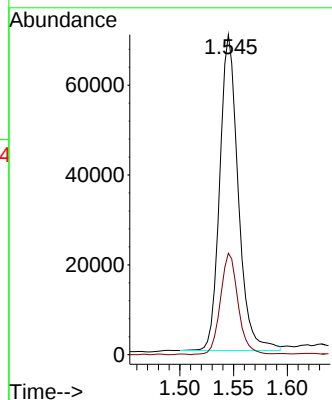
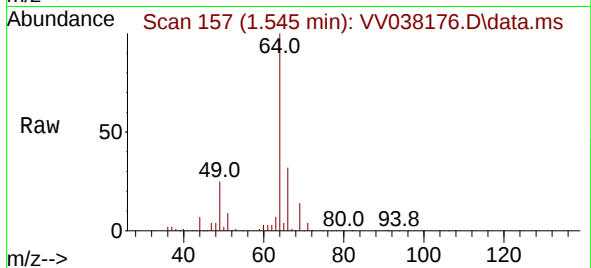




#8
Chloroethane
Concen: 5.303 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.000 min
Lab File: VV038176.D
Acq: 19 Nov 2024 14:24

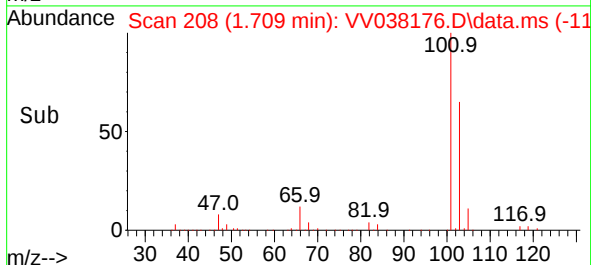
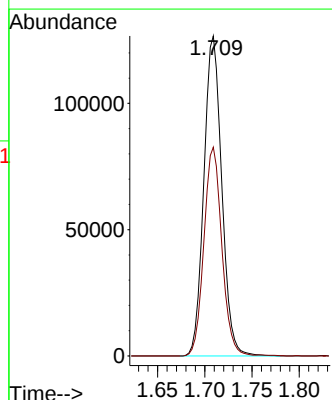
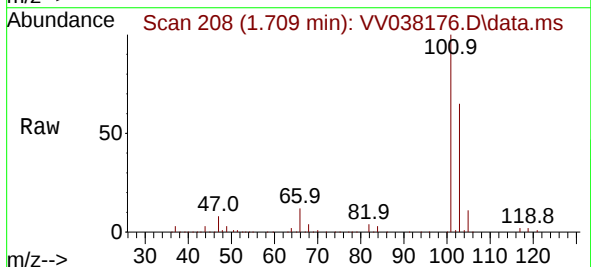
Instrument :
MSVOA_V
ClientSampleId :

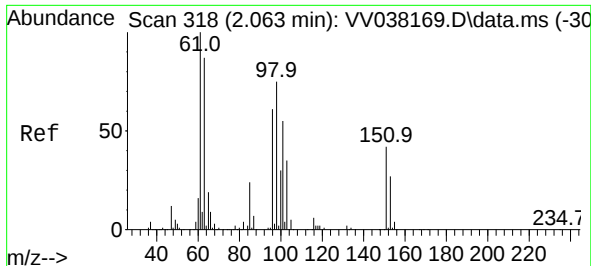
Tgt Ion: 64 Resp: 83872
Ion Ratio Lower Upper
64 100
66 31.7 22.0 40.8



#9
Trichlorofluoromethane
Concen: 4.721 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV038176.D
Acq: 19 Nov 2024 14:24

Tgt Ion:101 Resp: 166743
Ion Ratio Lower Upper
101 100
103 65.2 51.5 77.3

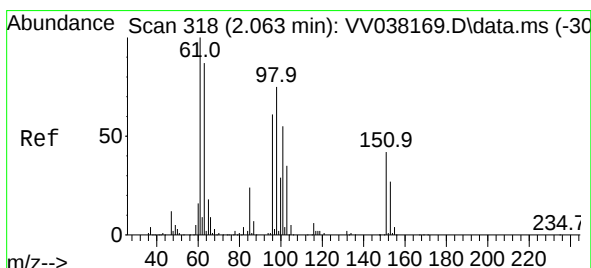
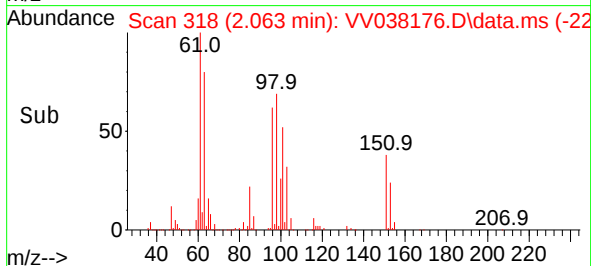
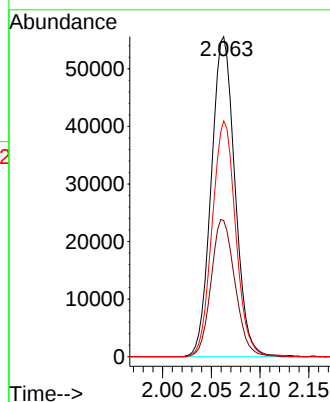
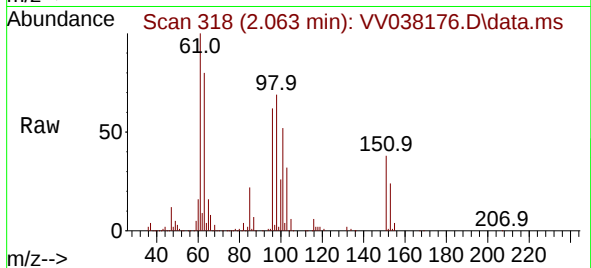




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.656 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV038176.D
Acq: 19 Nov 2024 14:24

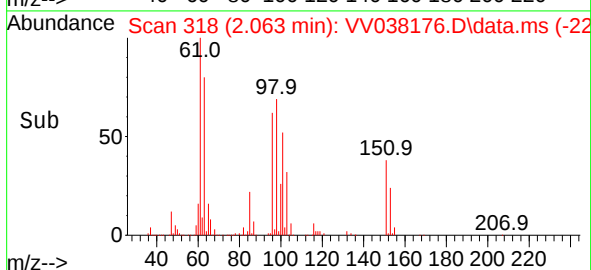
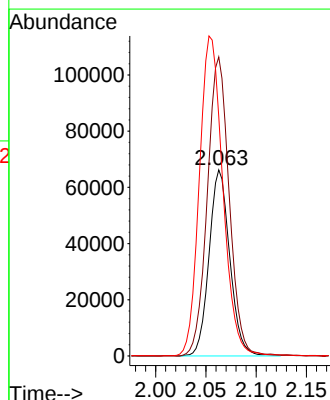
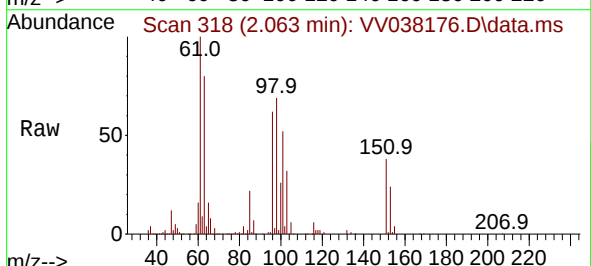
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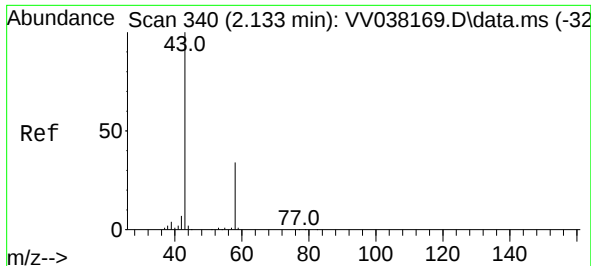
Tgt Ion:101 Resp: 93856
Ion Ratio Lower Upper
101 100
85 43.3 33.4 50.0
151 73.1 58.8 88.2



#12
1,1-Dichloroethene
Concen: 4.941 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV038176.D
Acq: 19 Nov 2024 14:24

Tgt Ion: 96 Resp: 94877
Ion Ratio Lower Upper
96 100
61 160.7 115.7 214.9
63 128.7 101.1 187.7

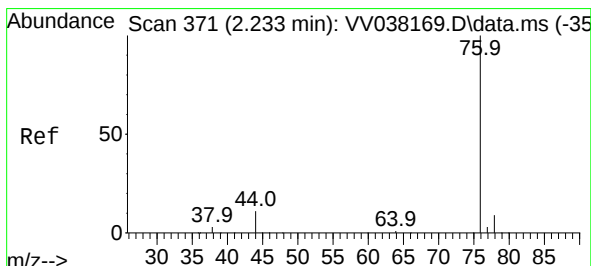
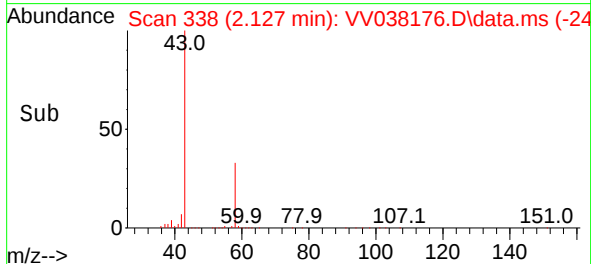
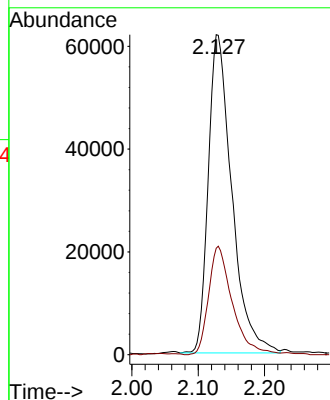
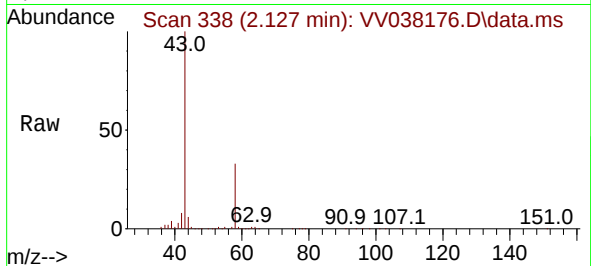




#13
Acetone
Concen: 49.985 ug/L
RT: 2.127 min Scan# 340
Delta R.T. -0.006 min
Lab File: VV038176.D
Acq: 19 Nov 2024 14:24

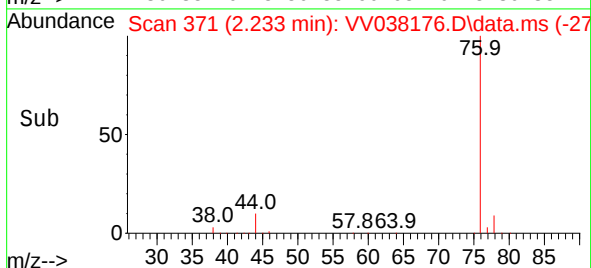
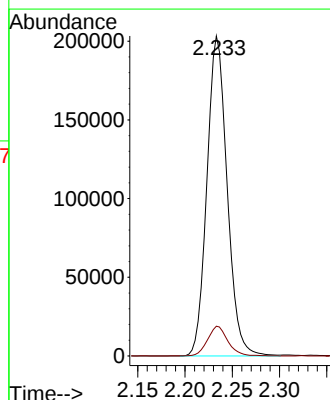
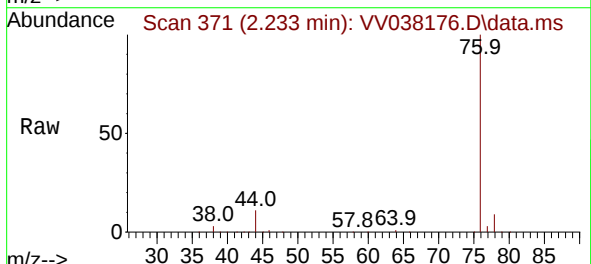
Instrument :
MSVOA_V
ClientSampleId :

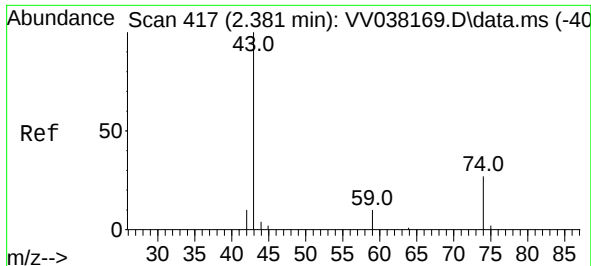
Tgt Ion: 43 Resp: 152388
Ion Ratio Lower Upper
43 100
58 34.3 0.0 67.2



#14
Carbon disulfide
Concen: 4.892 ug/L
RT: 2.233 min Scan# 371
Delta R.T. -0.000 min
Lab File: VV038176.D
Acq: 19 Nov 2024 14:24

Tgt Ion: 76 Resp: 302573
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0





#15

Methyl Acetate

Concen: 5.154 ug/L

RT: 2.381 min Scan# 417

Delta R.T. -0.000 min

Lab File: VV038176.D

Acq: 19 Nov 2024 14:24

Instrument :

MSVOA_V

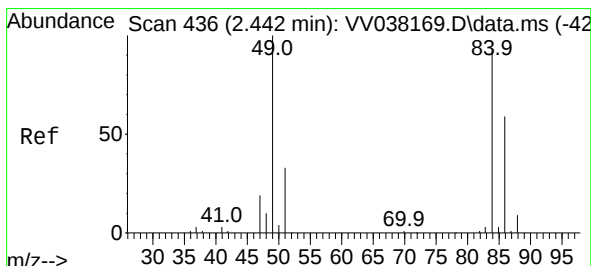
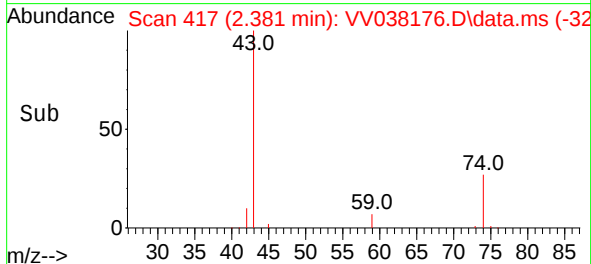
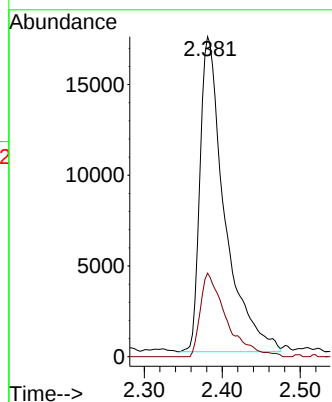
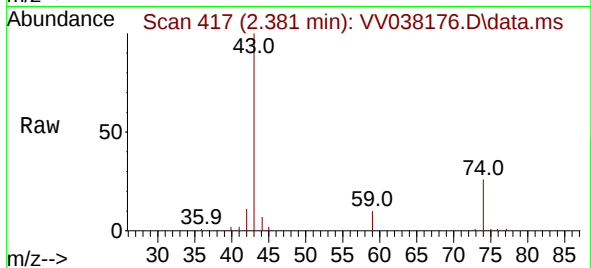
ClientSampleId :

Tgt Ion: 43 Resp: 38161

Ion Ratio Lower Upper

43 100

74 27.8 22.4 33.6



#16

Methylene chloride

Concen: 5.195 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.003 min

Lab File: VV038176.D

Acq: 19 Nov 2024 14:24

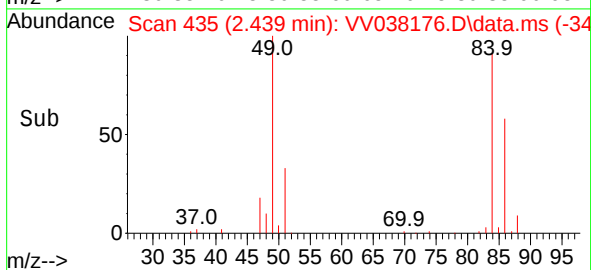
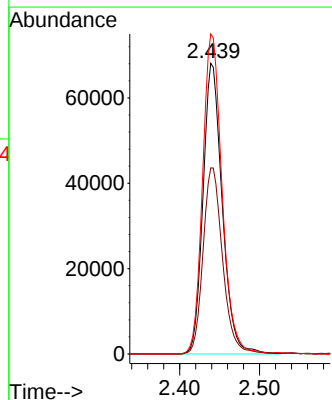
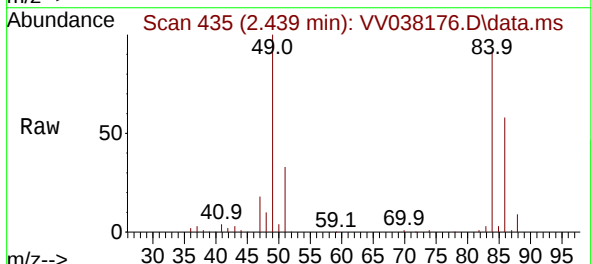
Tgt Ion: 84 Resp: 113741

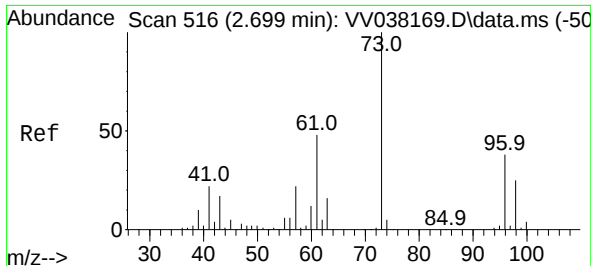
Ion Ratio Lower Upper

84 100

86 64.0 44.2 82.2

49 110.1 74.9 139.1

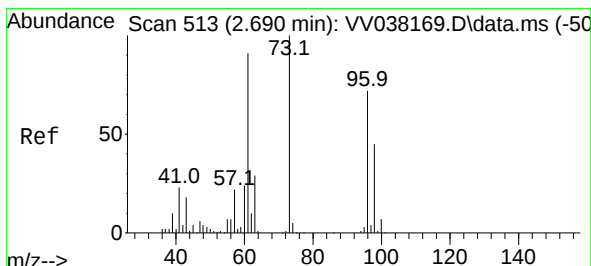
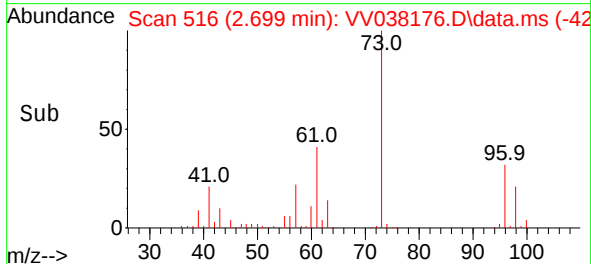
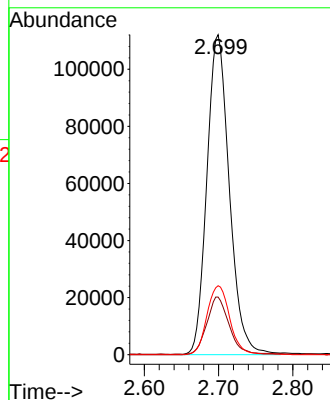
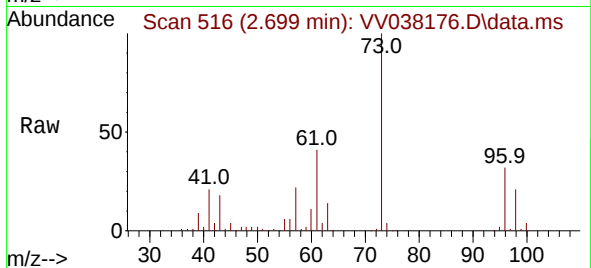




#17
Methyl tert-butyl Ether
Concen: 5.423 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV038176.D
Acq: 19 Nov 2024 14:24

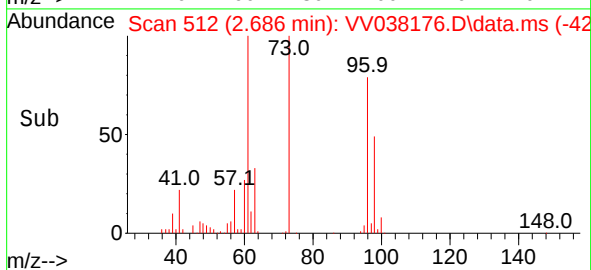
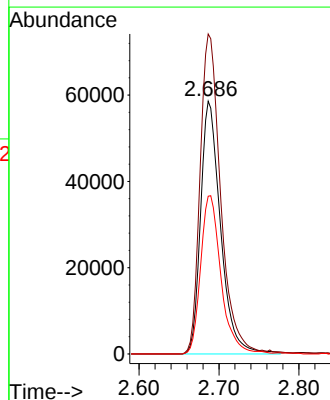
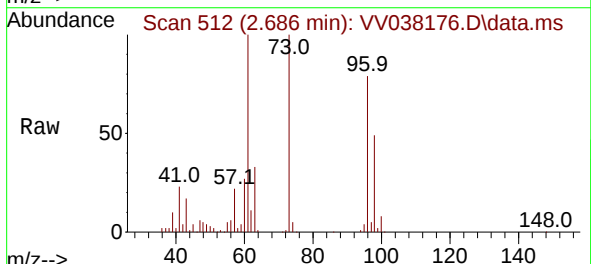
Instrument :
MSVOA_V
ClientSampleId :

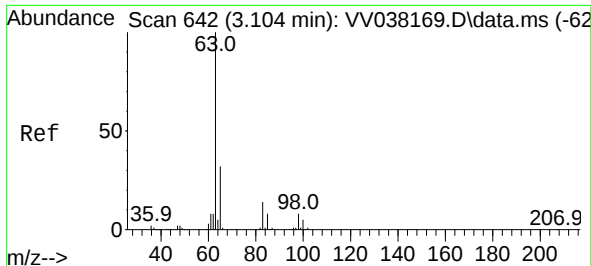
Tgt Ion: 73 Resp: 235454
Ion Ratio Lower Upper
73 100
43 17.5 14.2 21.2
57 21.9 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 5.028 ug/L
RT: 2.686 min Scan# 512
Delta R.T. -0.003 min
Lab File: VV038176.D
Acq: 19 Nov 2024 14:24

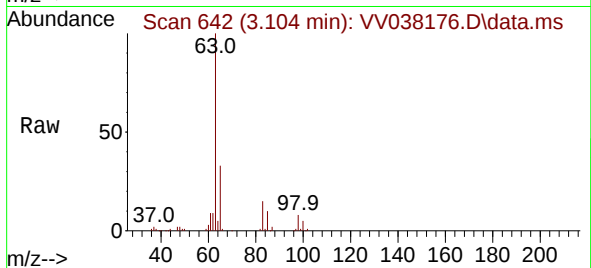
Tgt Ion: 96 Resp: 101702
Ion Ratio Lower Upper
96 100
61 126.5 88.5 164.4
98 62.4 43.9 81.5



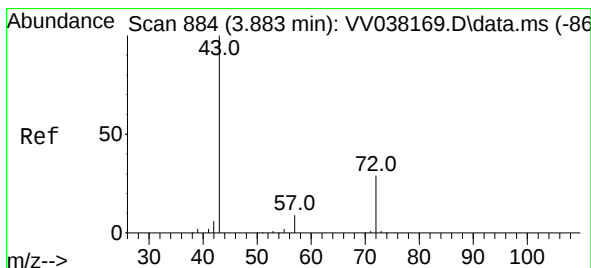
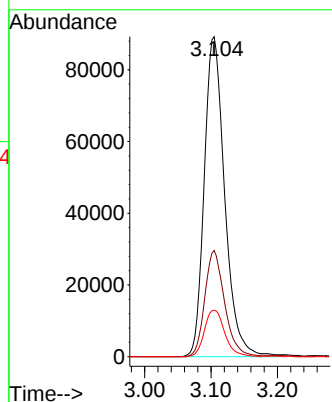
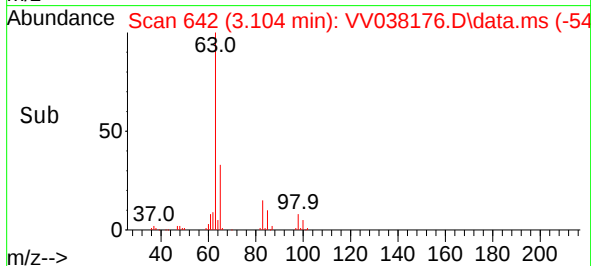


#19
1,1-Dichloroethane
Concen: 5.208 ug/L
RT: 3.104 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV038176.D
Acq: 19 Nov 2024 14:24

Instrument :
MSVOA_V
ClientSampleId :

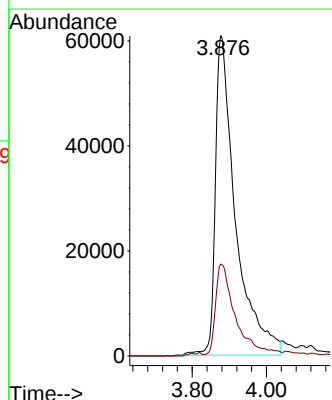
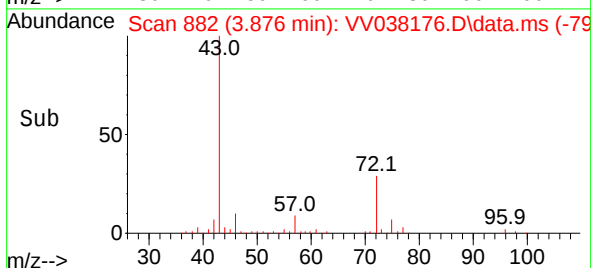
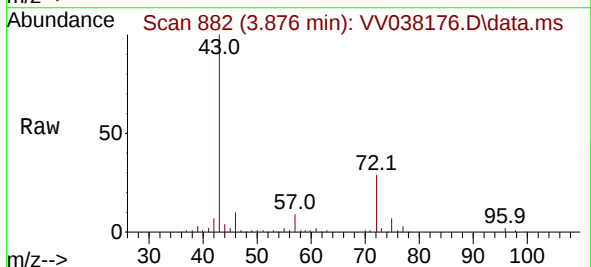


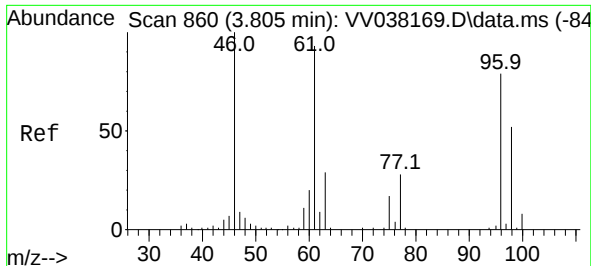
Tgt Ion: 63 Resp: 191217
Ion Ratio Lower Upper
63 100
65 33.2 22.5 41.7
83 14.5 10.1 18.9



#21
2-Butanone
Concen: 52.540 ug/L
RT: 3.876 min Scan# 882
Delta R.T. -0.007 min
Lab File: VV038176.D
Acq: 19 Nov 2024 14:24

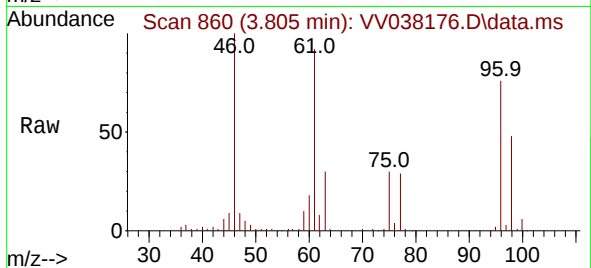
Tgt Ion: 43 Resp: 229893
Ion Ratio Lower Upper
43 100
72 26.7 13.0 39.0



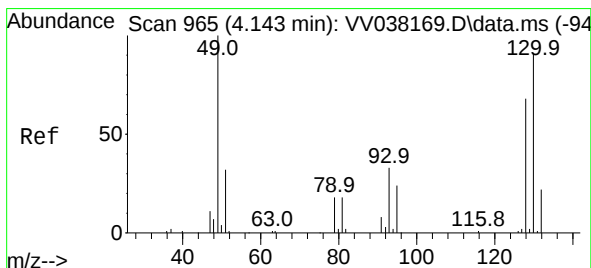
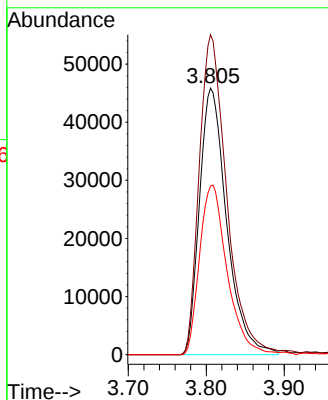
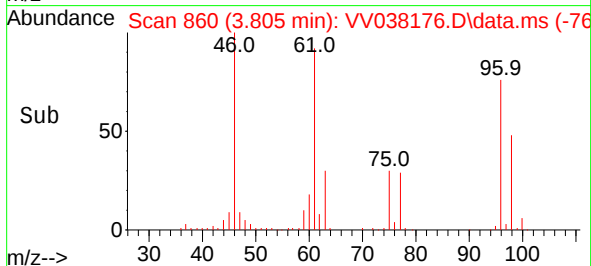


#22
cis-1,2-Dichloroethene
Concen: 5.310 ug/L
RT: 3.805 min Scan# 860
Delta R.T. -0.000 min
Lab File: VV038176.D
Acq: 19 Nov 2024 14:24

Instrument :
MSVOA_V
ClientSampleId :

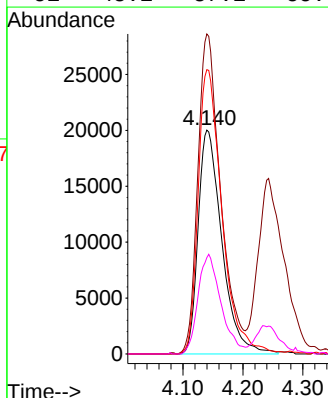
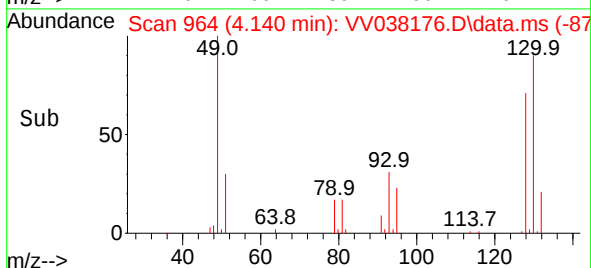
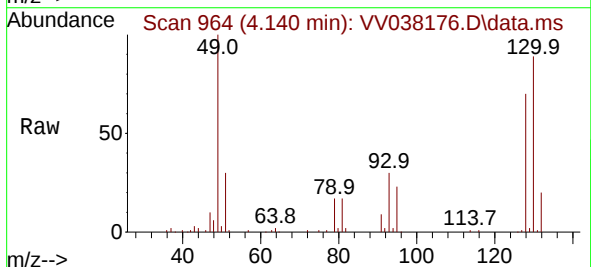


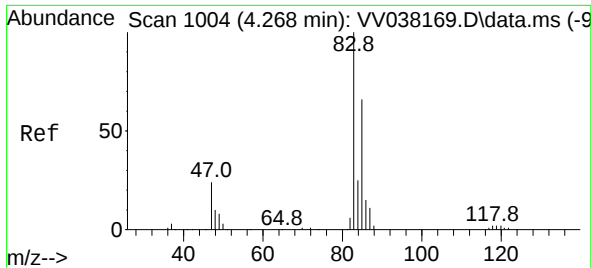
Tgt Ion: 96 Resp: 111065
Ion Ratio Lower Upper
96 100
61 120.0 82.7 153.5
98 63.2 46.3 85.9



#23
Bromochloromethane
Concen: 5.405 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.003 min
Lab File: VV038176.D
Acq: 19 Nov 2024 14:24

Tgt Ion:128 Resp: 55192
Ion Ratio Lower Upper
128 100
49 142.9 102.8 190.8
130 127.0 93.6 173.8
51 43.1 37.1 55.7





#25

Chloroform

Concen: 5.155 ug/L

RT: 4.265 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV038176.D

Acq: 19 Nov 2024 14:24

Instrument :

MSVOA_V

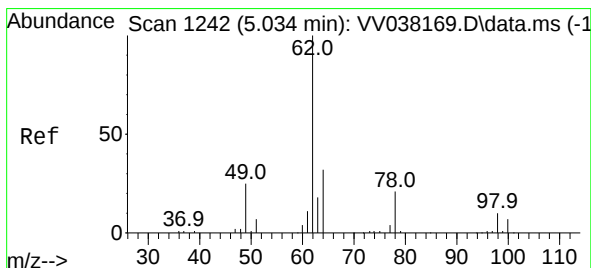
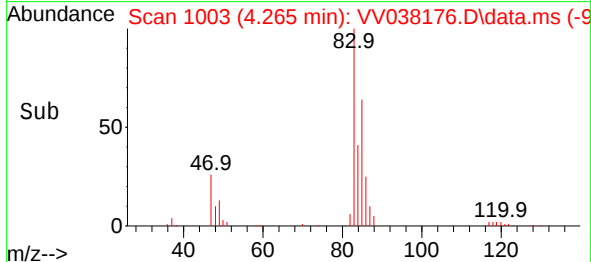
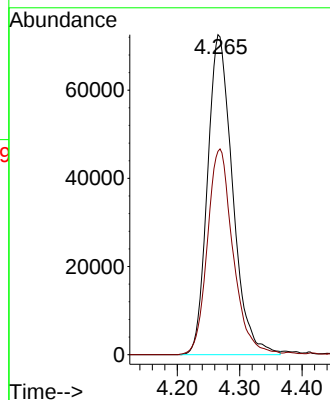
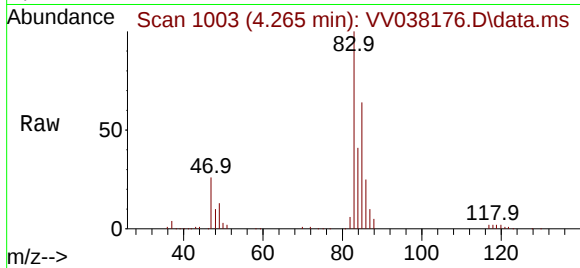
ClientSampleId :

Tgt Ion: 83 Resp: 202510

Ion Ratio Lower Upper

83 100

85 63.6 46.5 86.3



#27

1,2-Dichloroethane

Concen: 5.450 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VV038176.D

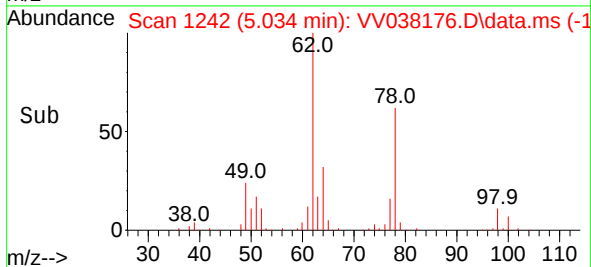
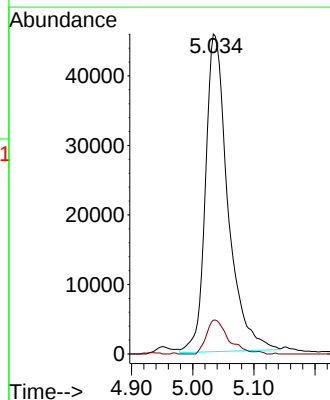
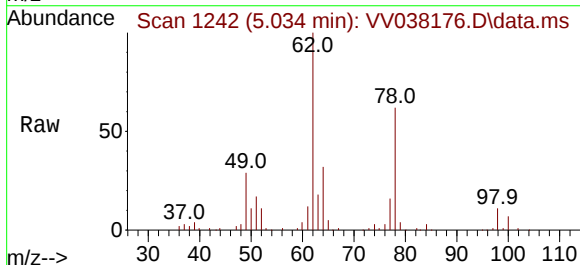
Acq: 19 Nov 2024 14:24

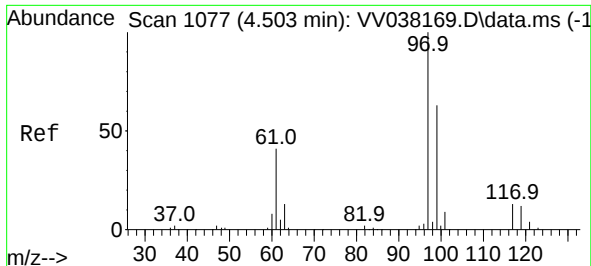
Tgt Ion: 62 Resp: 116479

Ion Ratio Lower Upper

62 100

98 10.6 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 5.194 ug/L

RT: 4.500 min Scan# 1077

Delta R.T. -0.003 min

Lab File: VV038176.D

Acq: 19 Nov 2024 14:24

Instrument :

MSVOA_V

ClientSampleId :

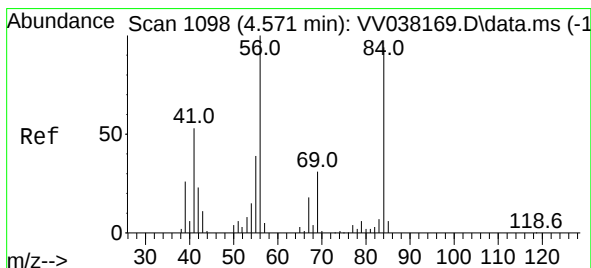
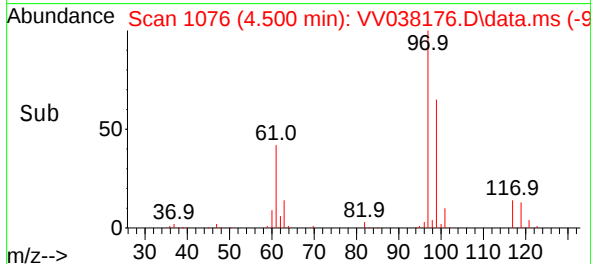
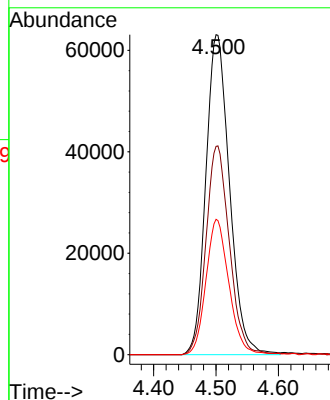
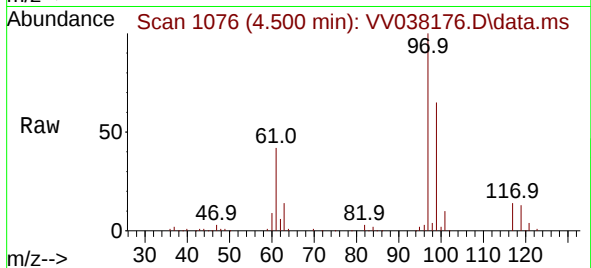
Tgt Ion: 97 Resp: 166465

Ion Ratio Lower Upper

97 100

99 64.4 51.8 77.8

61 40.9 32.2 48.2



#30

Cyclohexane

Concen: 4.854 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. -0.000 min

Lab File: VV038176.D

Acq: 19 Nov 2024 14:24

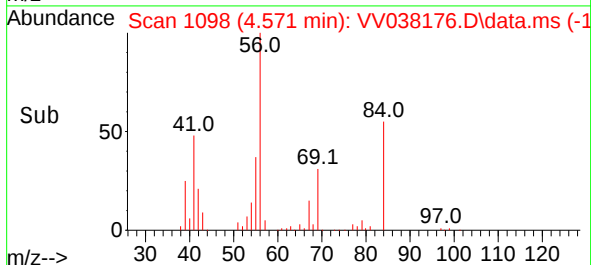
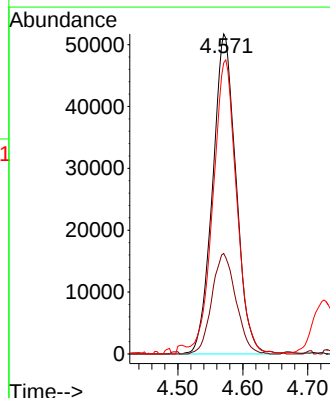
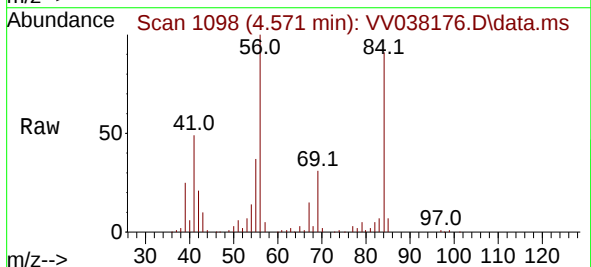
Tgt Ion: 56 Resp: 129039

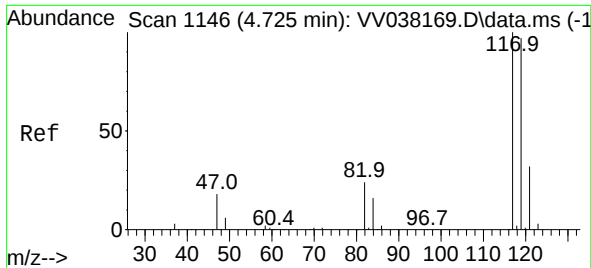
Ion Ratio Lower Upper

56 100

69 32.3 26.0 39.0

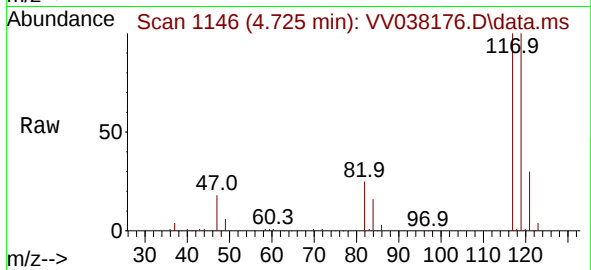
84 92.8 75.6 113.4



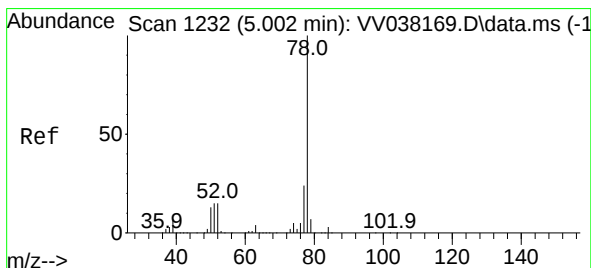
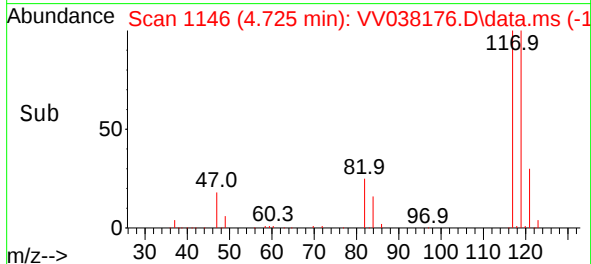
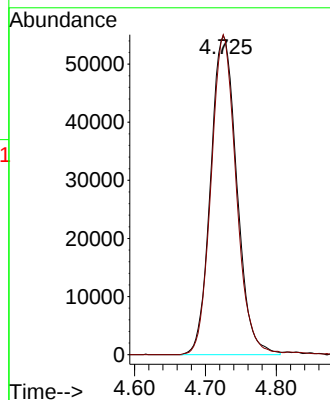


#31
Carbon tetrachloride
Concen: 5.001 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VV038176.D
Acq: 19 Nov 2024 14:24

Instrument :
MSVOA_V
ClientSampleId :

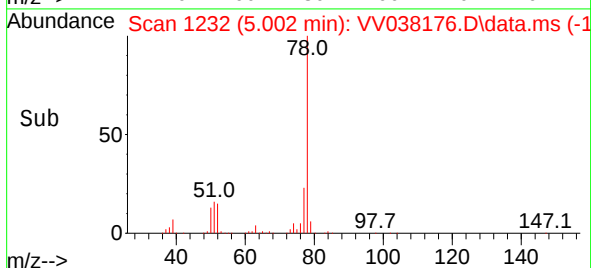
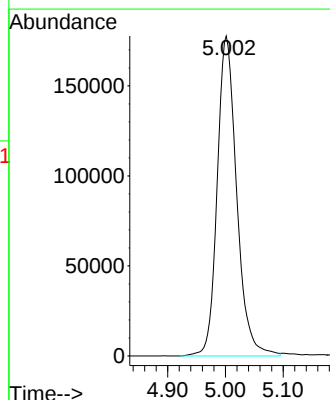
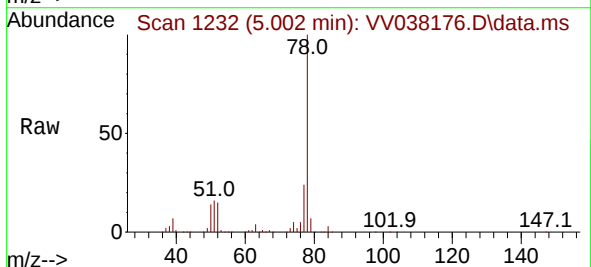


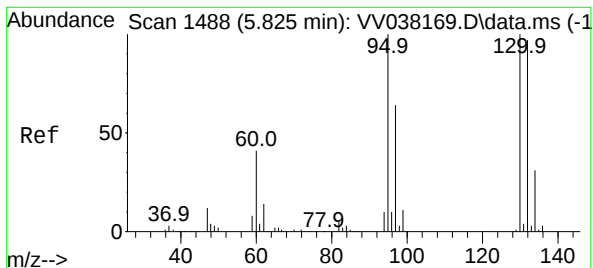
Tgt Ion:117 Resp: 141395
Ion Ratio Lower Upper
117 100
119 95.9 77.4 116.2



#33
Benzene
Concen: 5.541 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VV038176.D
Acq: 19 Nov 2024 14:24

Tgt Ion: 78 Resp: 415941





#34

Trichloroethene

Concen: 5.282 ug/L

RT: 5.828 min Scan# 1488

Delta R.T. 0.003 min

Lab File: VV038176.D

Acq: 19 Nov 2024 14:24

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 108093

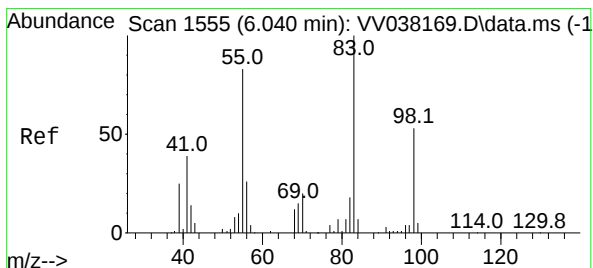
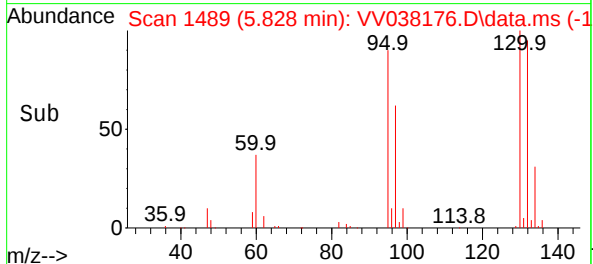
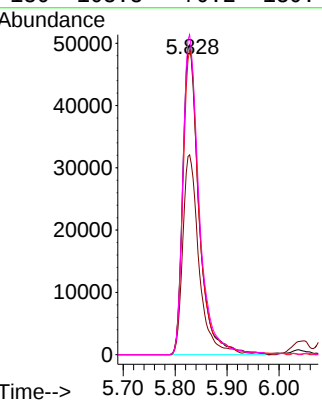
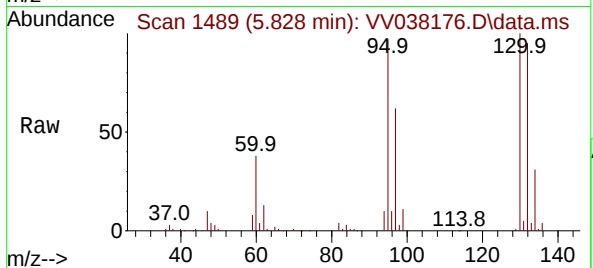
Ion Ratio Lower Upper

95 100

97 64.6 44.8 83.2

132 98.3 68.3 126.8

130 103.3 70.2 130.4



#35

Methylcyclohexane

Concen: 4.748 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VV038176.D

Acq: 19 Nov 2024 14:24

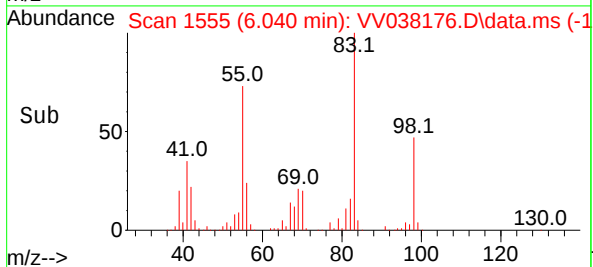
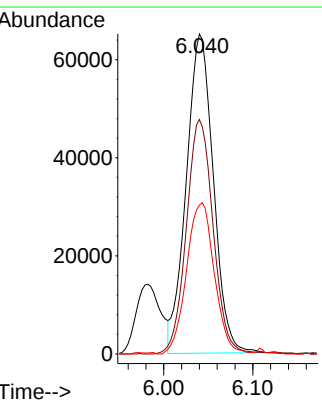
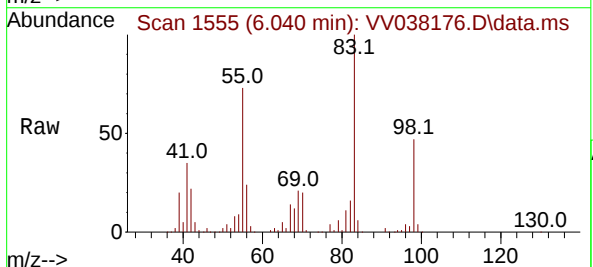
Tgt Ion: 83 Resp: 137460

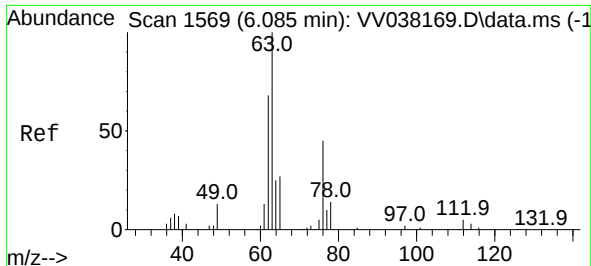
Ion Ratio Lower Upper

83 100

55 73.0 59.7 89.5

98 48.5 39.0 58.4

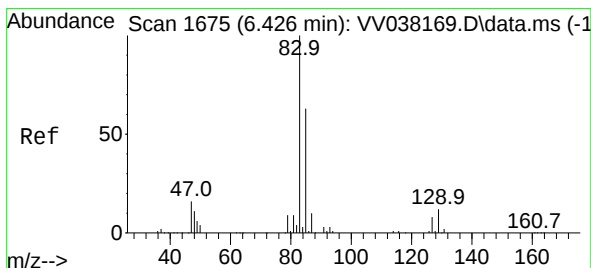
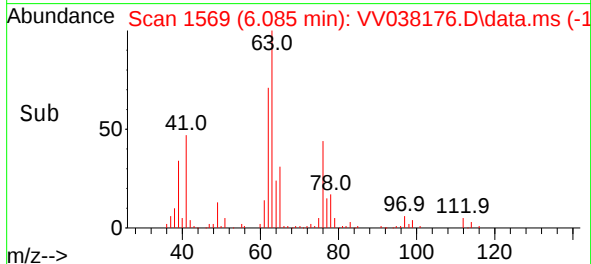
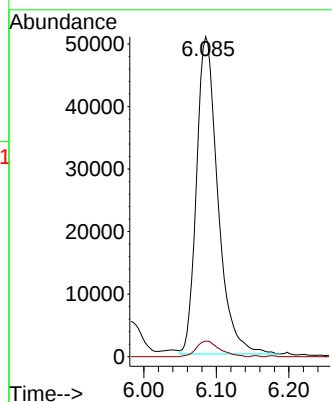
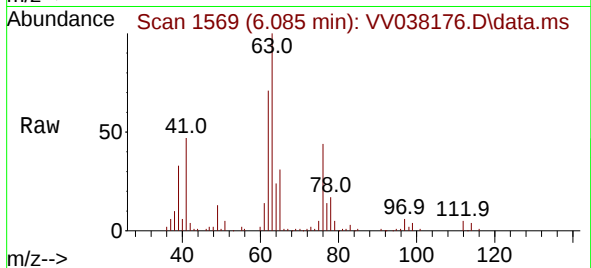




#37
1,2-Dichloropropane
Concen: 5.518 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VV038176.D
Acq: 19 Nov 2024 14:24

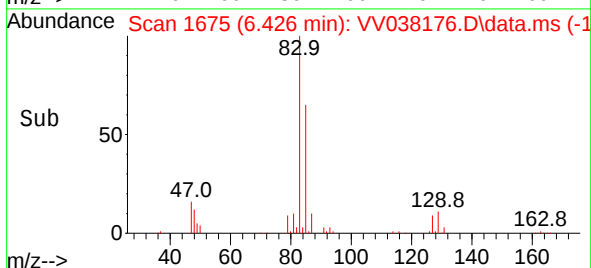
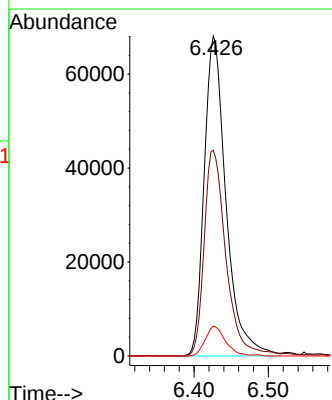
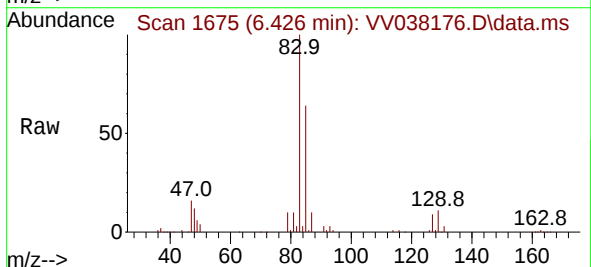
Instrument :
MSVOA_V
ClientSampleId :

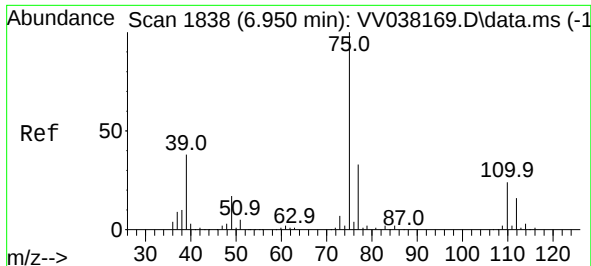
Tgt Ion: 63 Resp: 103755
Ion Ratio Lower Upper
63 100
112 5.4 3.9 5.9



#38
Bromodichloromethane
Concen: 5.501 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VV038176.D
Acq: 19 Nov 2024 14:24

Tgt Ion: 83 Resp: 139026
Ion Ratio Lower Upper
83 100
85 64.3 43.9 81.5
127 9.3 6.7 10.1

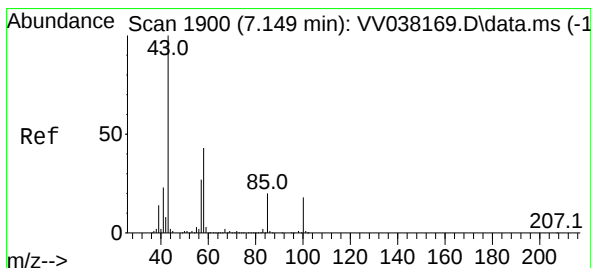
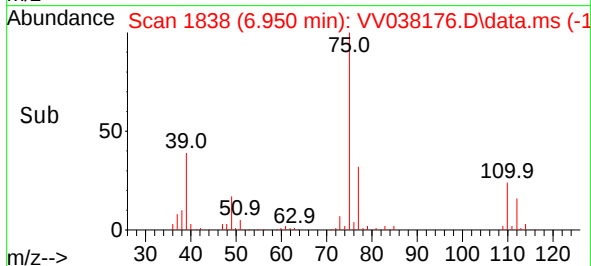
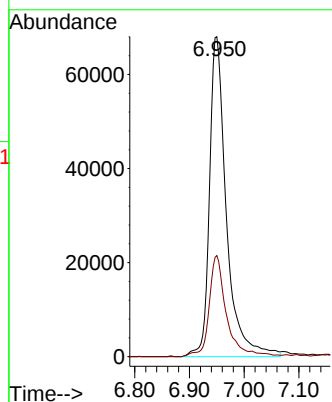
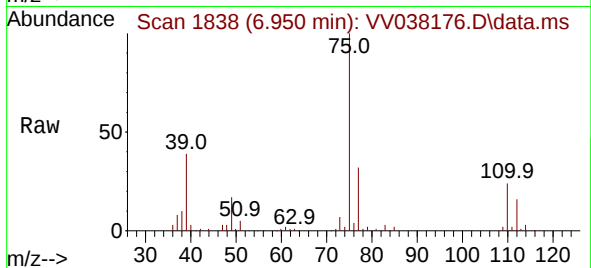




#39
 cis-1,3-Dichloropropene
 Concen: 5.562 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. -0.000 min
 Lab File: VV038176.D
 Acq: 19 Nov 2024 14:24

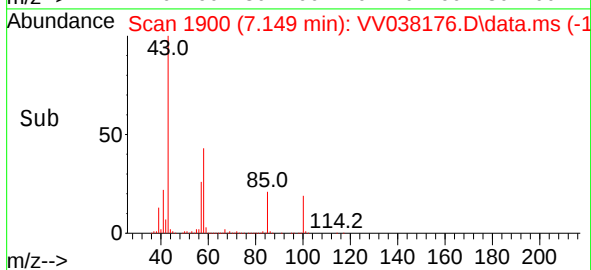
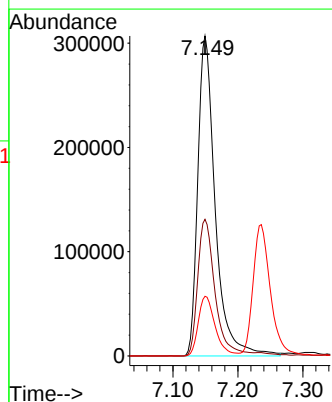
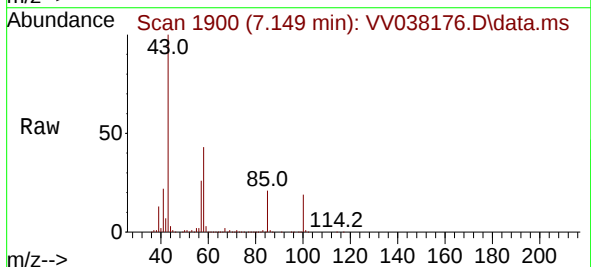
Instrument :
 MSVOA_V
 ClientSampleId :

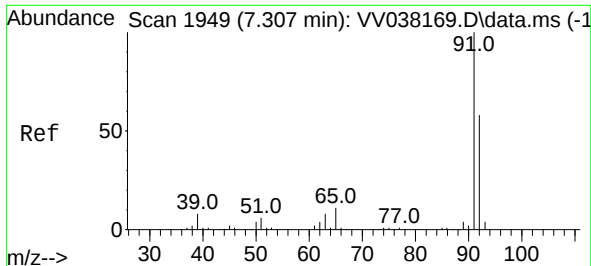
Tgt Ion: 75 Resp: 145997
 Ion Ratio Lower Upper
 75 100
 77 31.6 23.4 43.6



#40
 4-Methyl-2-pentanone
 Concen: 58.356 ug/L
 RT: 7.149 min Scan# 1900
 Delta R.T. -0.000 min
 Lab File: VV038176.D
 Acq: 19 Nov 2024 14:24

Tgt Ion: 43 Resp: 574282
 Ion Ratio Lower Upper
 43 100
 58 42.3 33.4 50.2
 100 18.1 14.3 21.5

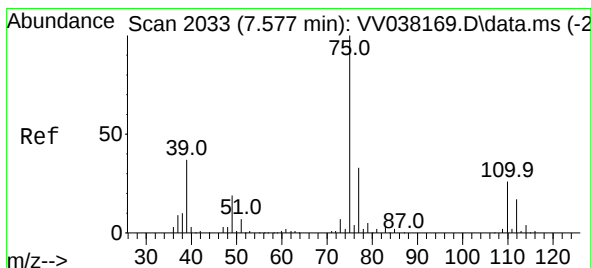
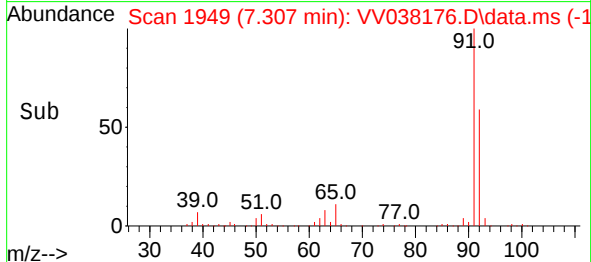
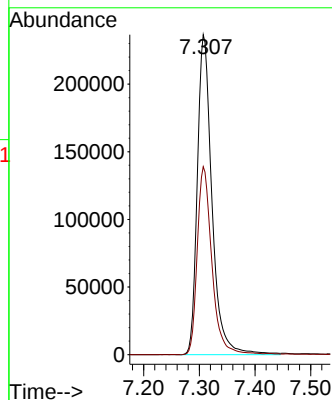
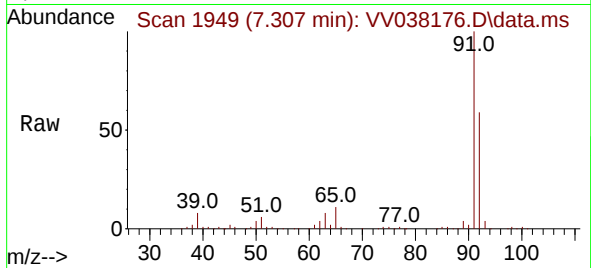




#42
Toluene
Concen: 5.443 ug/L
RT: 7.307 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VV038176.D
Acq: 19 Nov 2024 14:24

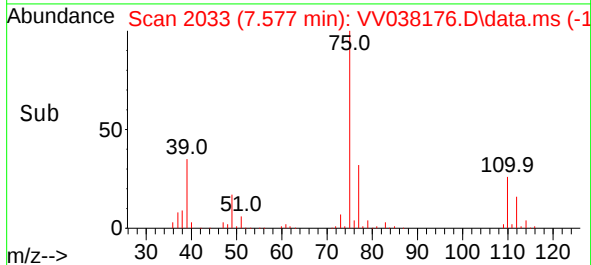
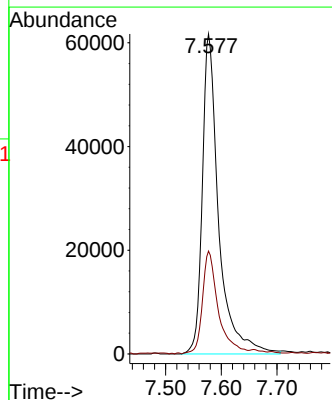
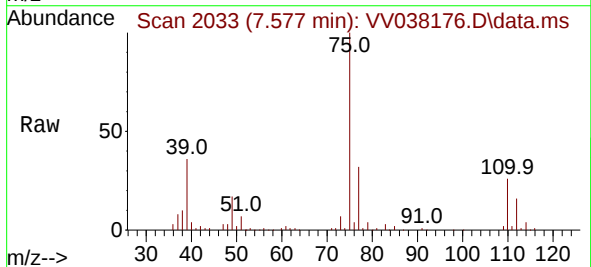
Instrument :
MSVOA_V
ClientSampleId :

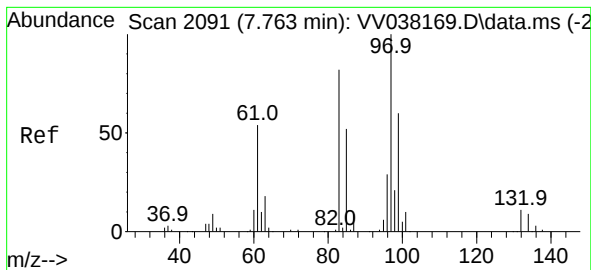
Tgt Ion: 91 Resp: 432729
Ion Ratio Lower Upper
91 100
92 58.7 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 5.677 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VV038176.D
Acq: 19 Nov 2024 14:24

Tgt Ion: 75 Resp: 125875
Ion Ratio Lower Upper
75 100
77 32.2 23.4 43.4





#45

1,1,2-Trichloroethane

Concen: 5.583 ug/L

RT: 7.763 min Scan# 2091

Delta R.T. -0.000 min

Lab File: VV038176.D

Acq: 19 Nov 2024 14:24

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 85138

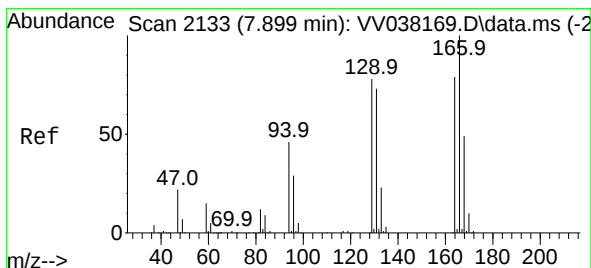
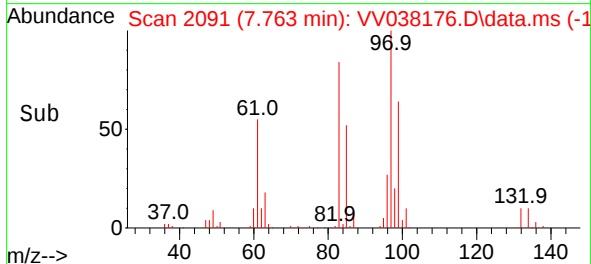
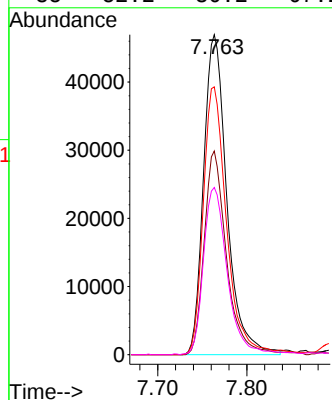
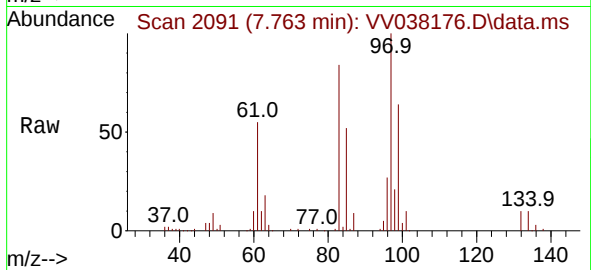
Ion Ratio Lower Upper

97 100

99 63.6 41.9 77.7

83 83.7 57.7 107.1

85 52.2 36.2 67.2



#47

Tetrachloroethene

Concen: 4.924 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.000 min

Lab File: VV038176.D

Acq: 19 Nov 2024 14:24

Tgt Ion:164 Resp: 80965

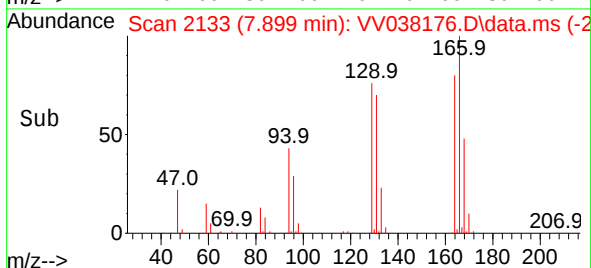
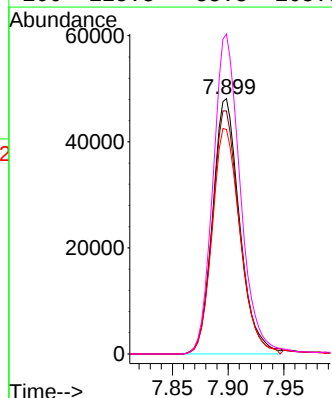
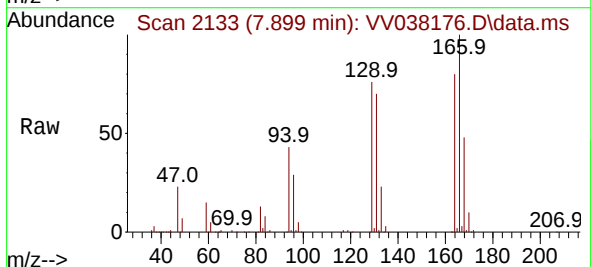
Ion Ratio Lower Upper

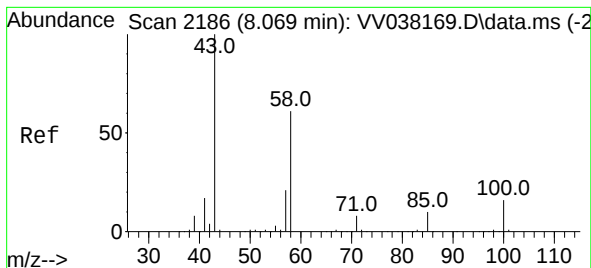
164 100

129 95.2 68.5 127.1

131 87.9 64.8 120.4

166 125.3 88.3 163.9





#48

2-Hexanone

Concen: 56.682 ug/L

RT: 8.069 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VV038176.D

Acq: 19 Nov 2024 14:24

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 404503

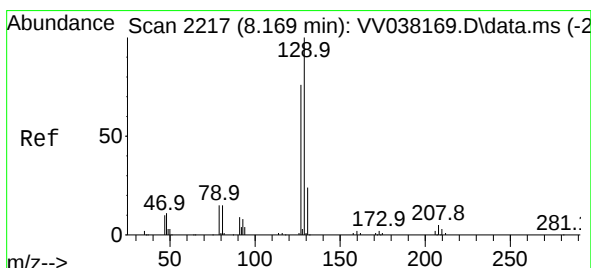
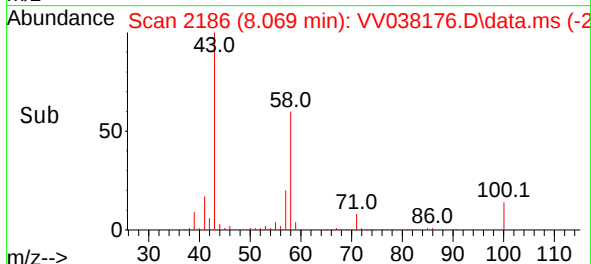
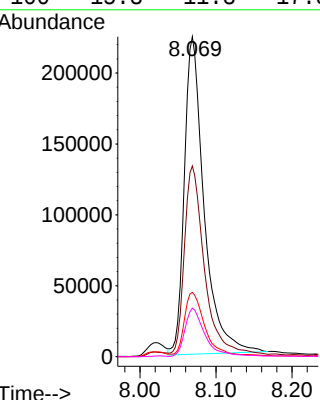
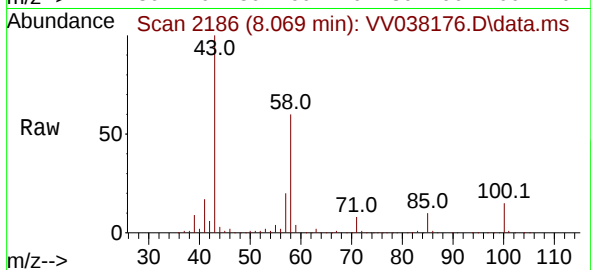
Ion Ratio Lower Upper

43 100

58 60.6 49.2 73.8

57 19.8 16.9 25.3

100 15.3 11.8 17.8



#49

Dibromochloromethane

Concen: 5.524 ug/L

RT: 8.169 min Scan# 2217

Delta R.T. -0.000 min

Lab File: VV038176.D

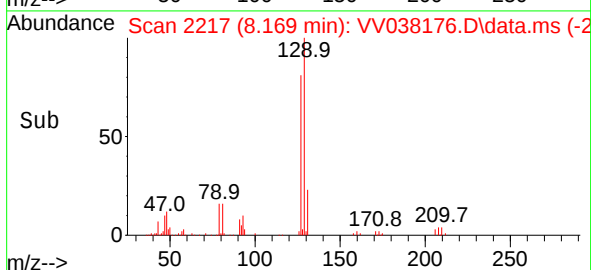
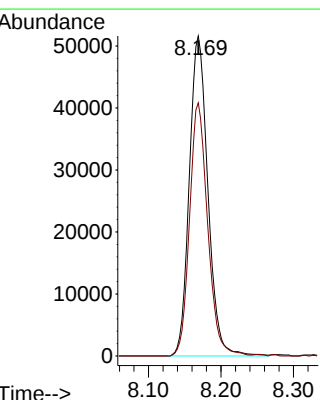
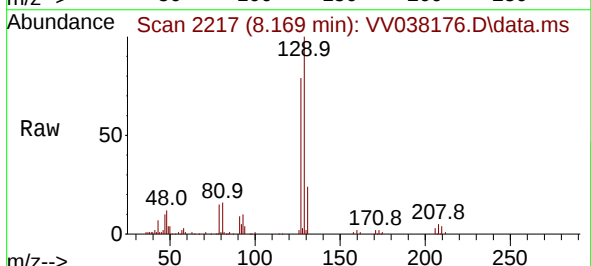
Acq: 19 Nov 2024 14:24

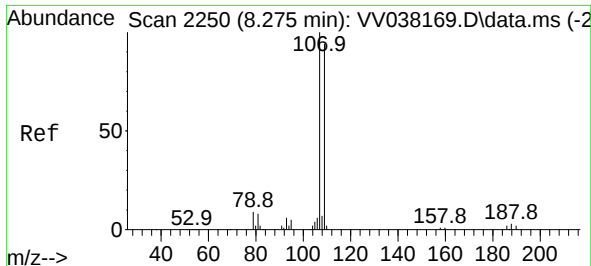
Tgt Ion:129 Resp: 91833

Ion Ratio Lower Upper

129 100

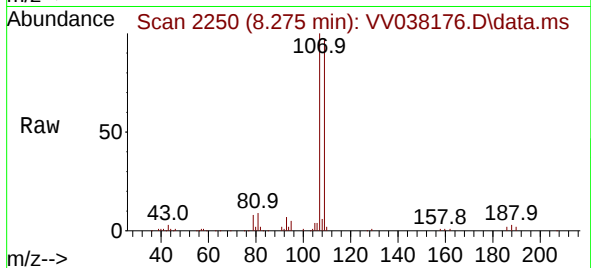
127 79.1 53.5 99.3



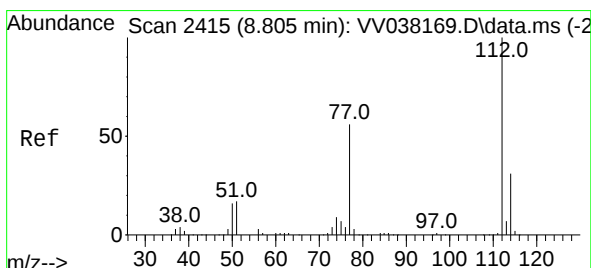
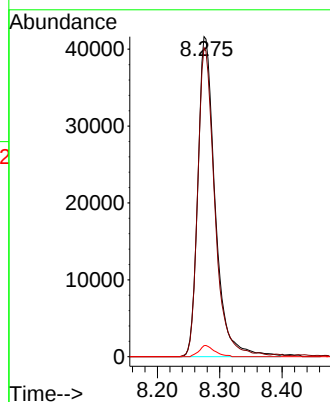
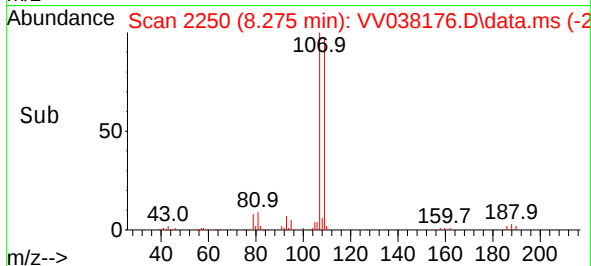


#50
1,2-Dibromoethane
Concen: 5.676 ug/L
RT: 8.275 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038176.D
Acq: 19 Nov 2024 14:24

Instrument :
MSVOA_V
ClientSampleId :

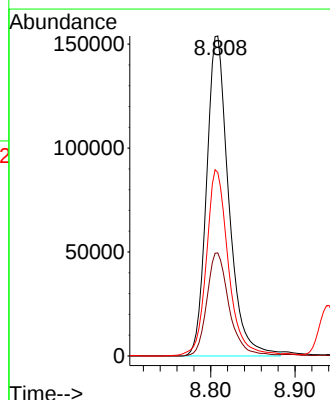
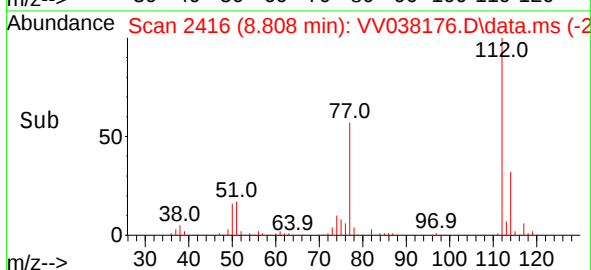
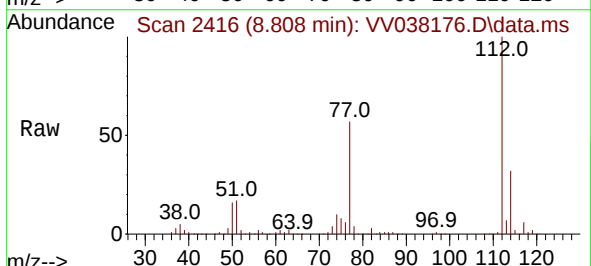


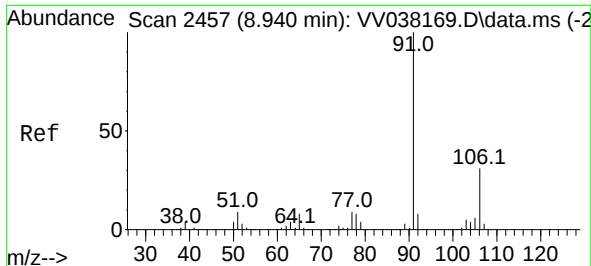
Tgt Ion:107 Resp: 80240
Ion Ratio Lower Upper
107 100
109 96.5 66.1 122.7
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 5.141 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV038176.D
Acq: 19 Nov 2024 14:24

Tgt Ion:112 Resp: 281613
Ion Ratio Lower Upper
112 100
114 32.2 22.0 40.8
77 57.3 45.0 67.4





#52

Ethylbenzene

Concen: 5.155 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. -0.000 min

Lab File: VV038176.D

Acq: 19 Nov 2024 14:24

Instrument :

MSVOA_V

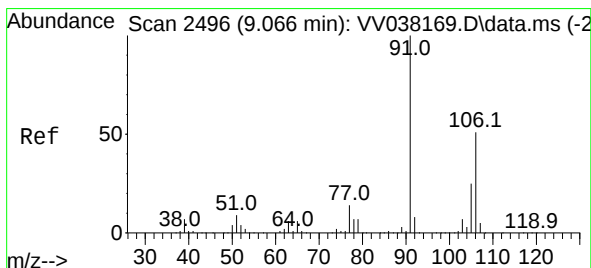
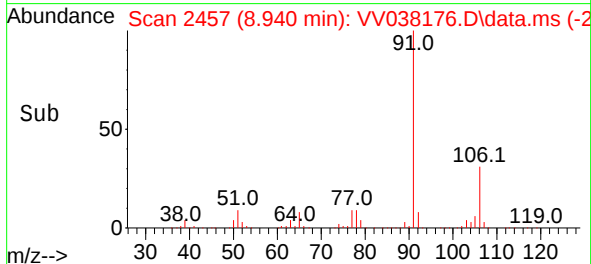
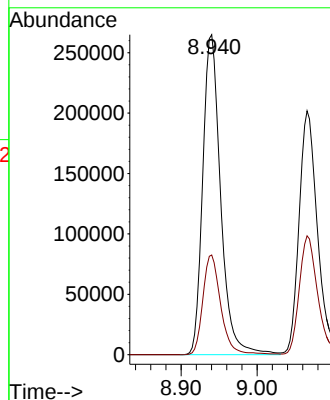
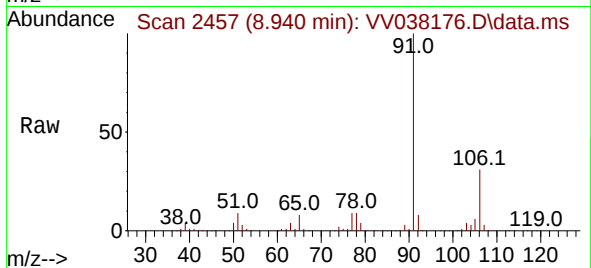
ClientSampleId :

Tgt Ion: 91 Resp: 434779

Ion Ratio Lower Upper

91 100

106 31.1 21.8 40.4



#53

m,p-Xylene

Concen: 5.174 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. -0.000 min

Lab File: VV038176.D

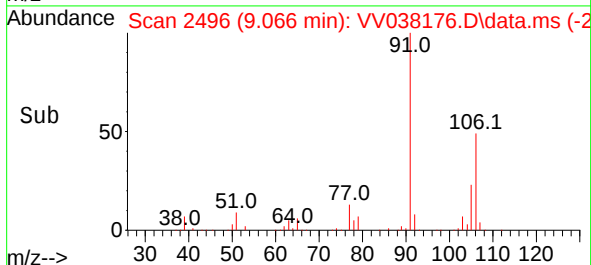
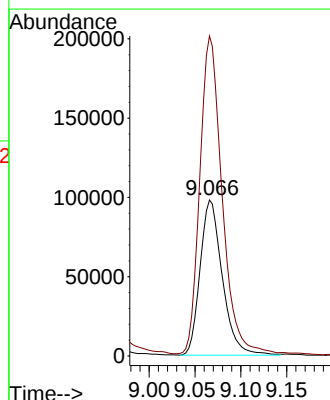
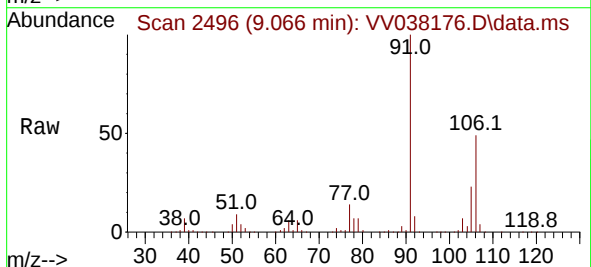
Acq: 19 Nov 2024 14:24

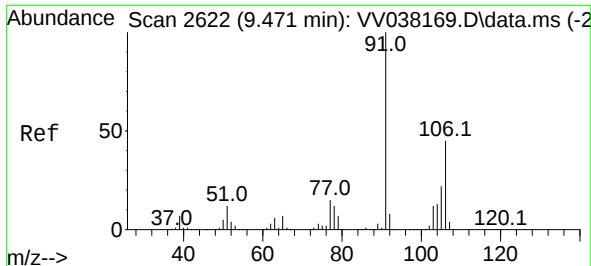
Tgt Ion: 106 Resp: 164669

Ion Ratio Lower Upper

106 100

91 205.0 138.7 257.5

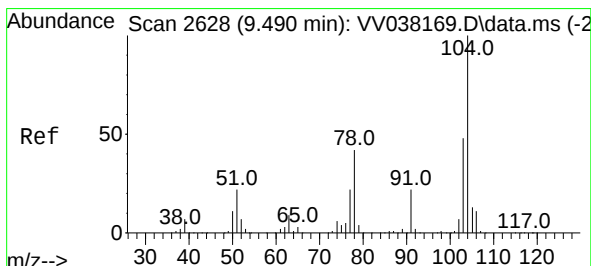
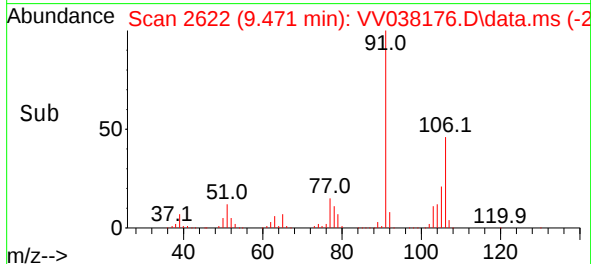
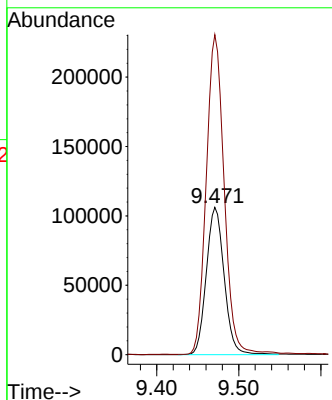
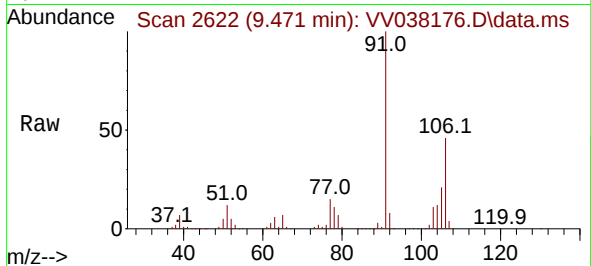




#54
o-Xylene
Concen: 5.211 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV038176.D
Acq: 19 Nov 2024 14:24

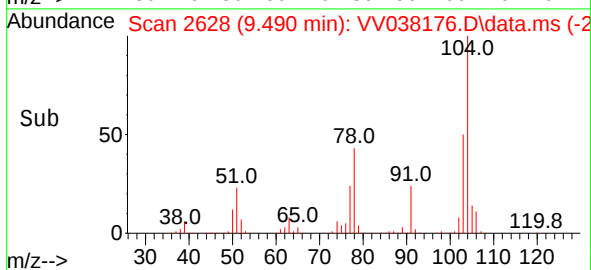
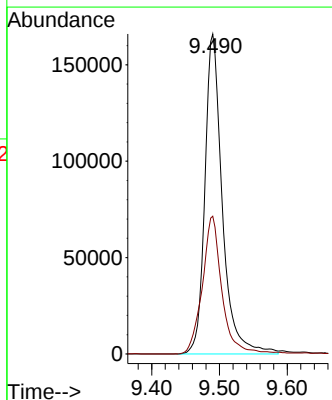
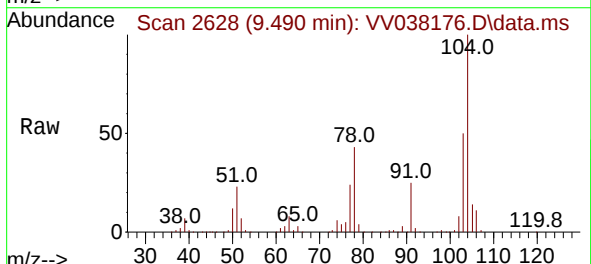
Instrument : MSVOA_V
ClientSampleId :

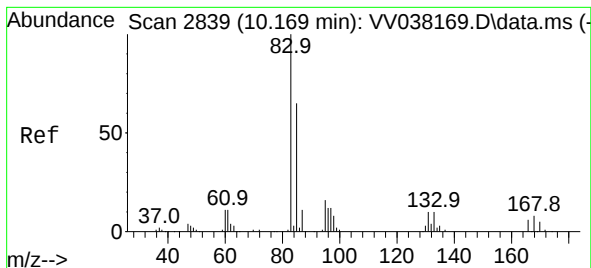
Tgt Ion:106 Resp: 161465
Ion Ratio Lower Upper
106 100
91 217.2 155.5 288.7



#55
Styrene
Concen: 5.436 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.000 min
Lab File: VV038176.D
Acq: 19 Nov 2024 14:24

Tgt Ion:104 Resp: 296903
Ion Ratio Lower Upper
104 100
78 43.1 29.7 55.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.411 ug/L

RT: 10.172 min Scan# 2839

Delta R.T. 0.003 min

Lab File: VV038176.D

Acq: 19 Nov 2024 14:24

Instrument :

MSVOA_V

ClientSampleId :

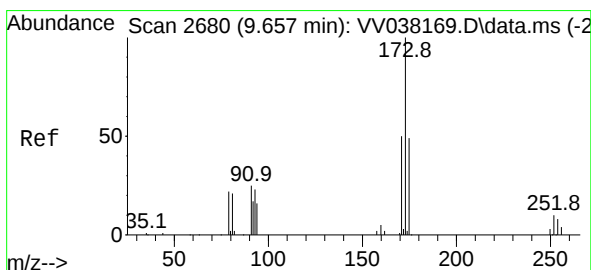
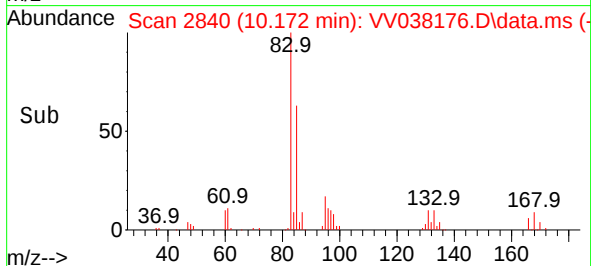
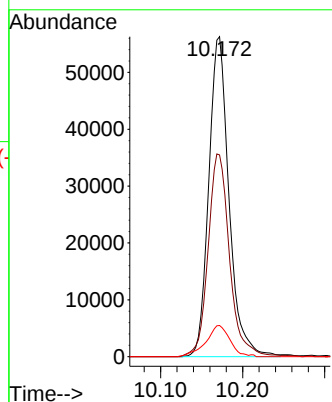
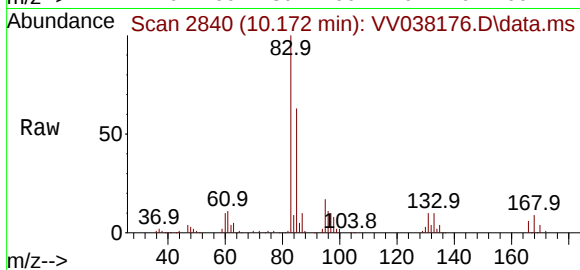
Tgt Ion: 83 Resp: 96482

Ion Ratio Lower Upper

83 100

85 63.1 45.7 84.9

131 9.7 8.2 12.4



#59

Bromoform

Concen: 5.543 ug/L

RT: 9.657 min Scan# 2680

Delta R.T. -0.000 min

Lab File: VV038176.D

Acq: 19 Nov 2024 14:24

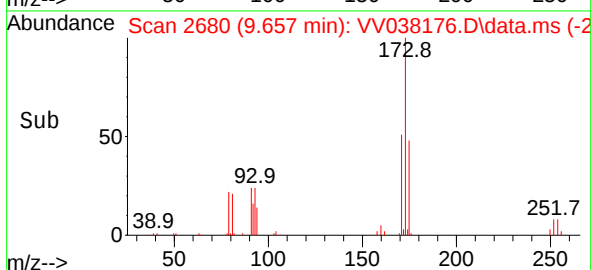
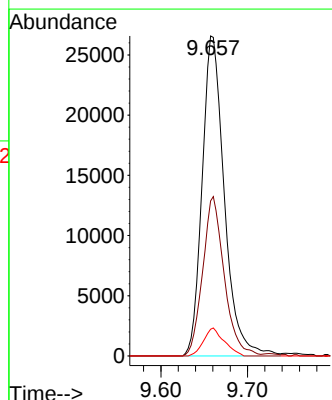
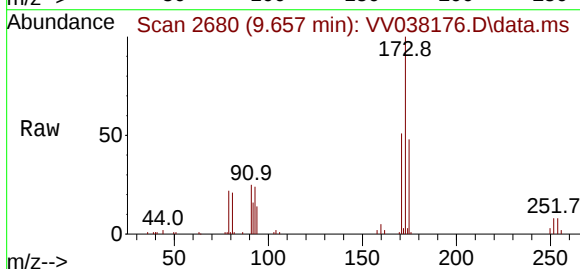
Tgt Ion: 173 Resp: 47355

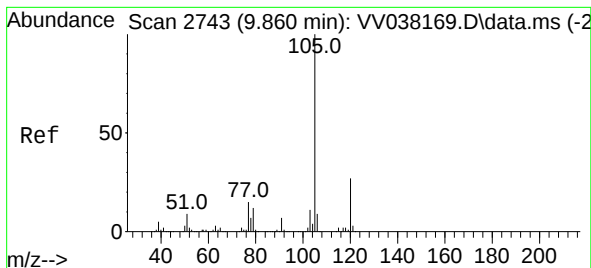
Ion Ratio Lower Upper

173 100

175 48.3 38.5 57.7

254 8.1 6.9 10.3





#60

Isopropylbenzene

Concen: 5.048 ug/L

RT: 9.860 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV038176.D

Acq: 19 Nov 2024 14:24

Instrument :

MSVOA_V

ClientSampleId :

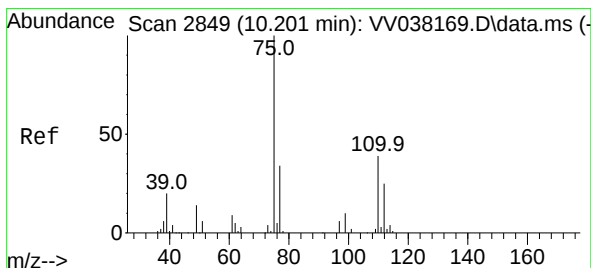
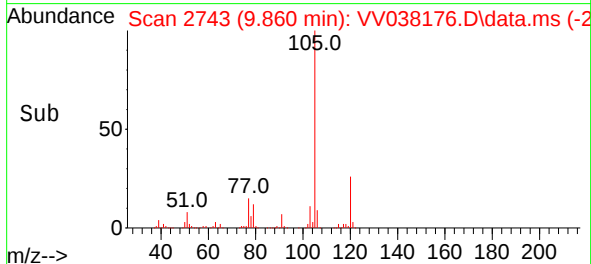
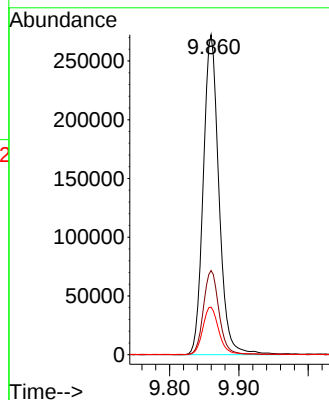
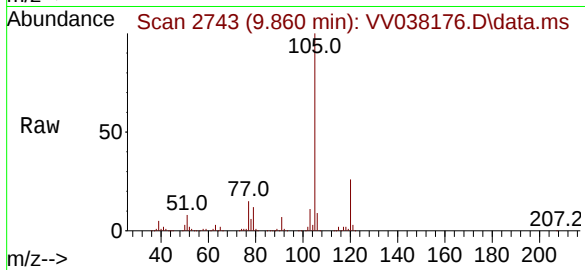
Tgt Ion:105 Resp: 426862

Ion Ratio Lower Upper

105 100

120 26.1 20.8 31.2

77 15.1 12.2 18.2



#61

1,2,3-Trichloropropane

Concen: 5.510 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. 0.003 min

Lab File: VV038176.D

Acq: 19 Nov 2024 14:24

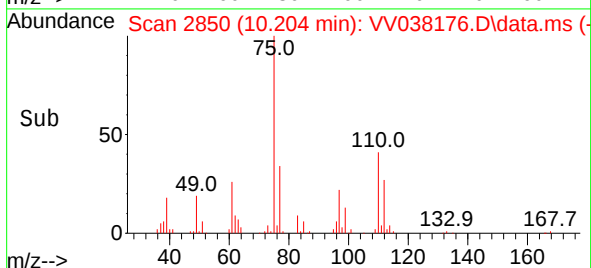
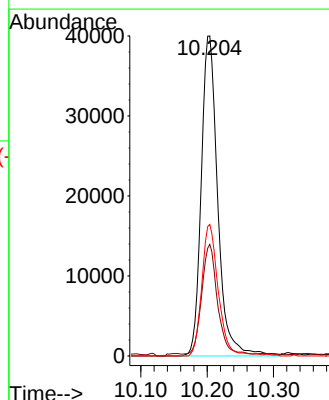
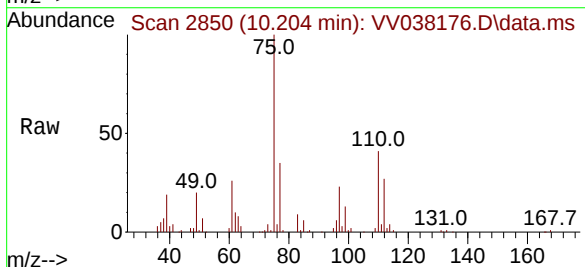
Tgt Ion: 75 Resp: 69250

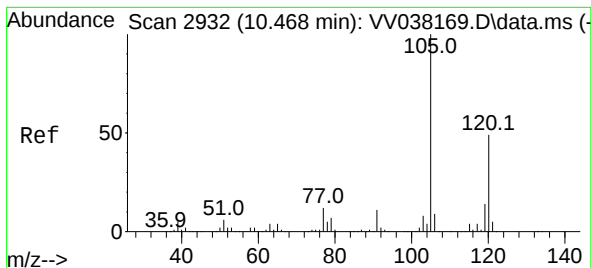
Ion Ratio Lower Upper

75 100

77 32.2 26.4 39.6

110 41.0 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 4.894 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. -0.000 min

Lab File: VV038176.D

Acq: 19 Nov 2024 14:24

Instrument :

MSVOA_V

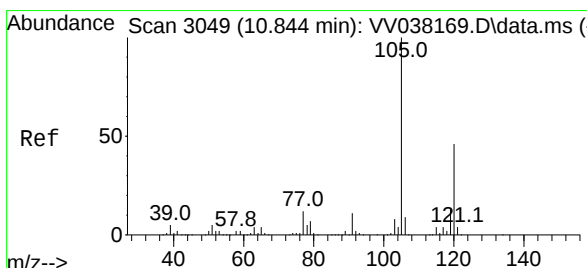
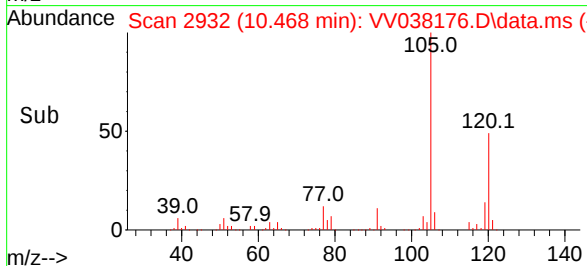
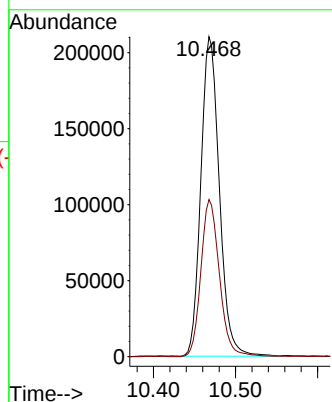
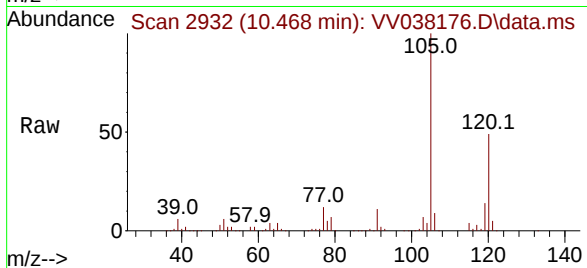
ClientSampleId :

Tgt Ion:105 Resp: 328364

Ion Ratio Lower Upper

105 100

120 49.5 39.2 58.8



#63

1,2,4-Trimethylbenzene

Concen: 5.075 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VV038176.D

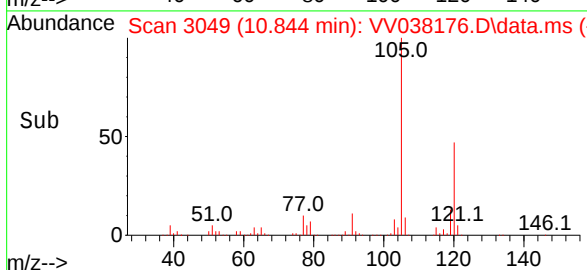
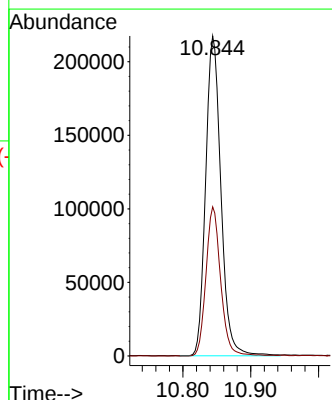
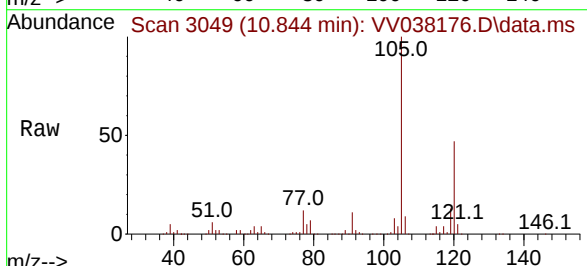
Acq: 19 Nov 2024 14:24

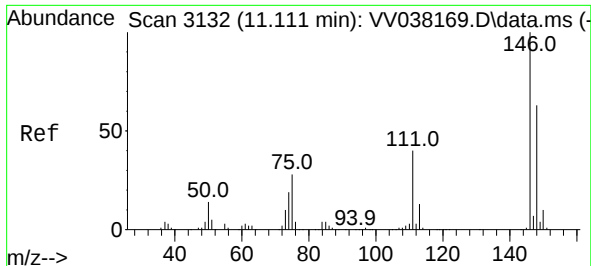
Tgt Ion:105 Resp: 339583

Ion Ratio Lower Upper

105 100

120 45.0 37.0 55.4





#64

1,3-Dichlorobenzene

Concen: 4.994 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. -0.000 min

Lab File: VV038176.D

Acq: 19 Nov 2024 14:24

Instrument :

MSVOA_V

ClientSampleId :

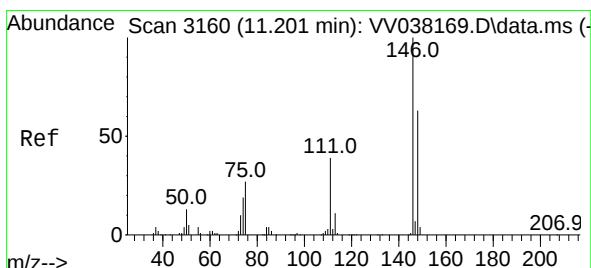
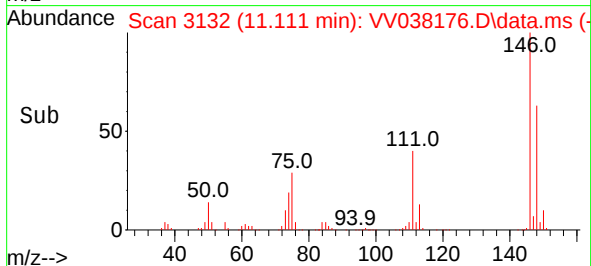
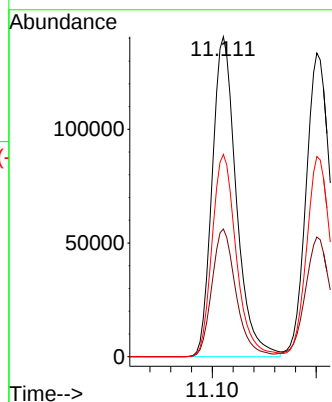
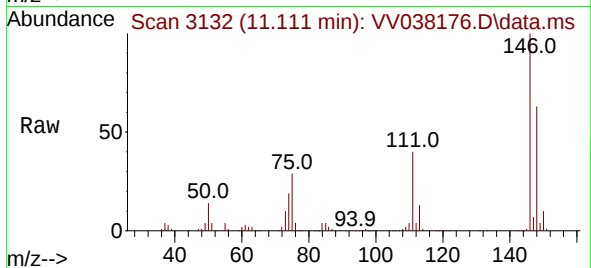
Tgt Ion:146 Resp: 226745

Ion Ratio Lower Upper

146 100

111 39.9 28.2 52.4

148 63.2 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 4.915 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. -0.000 min

Lab File: VV038176.D

Acq: 19 Nov 2024 14:24

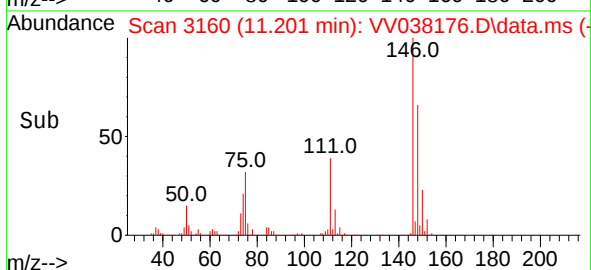
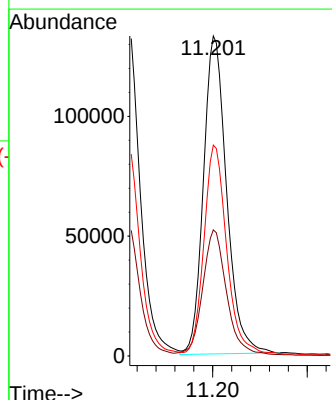
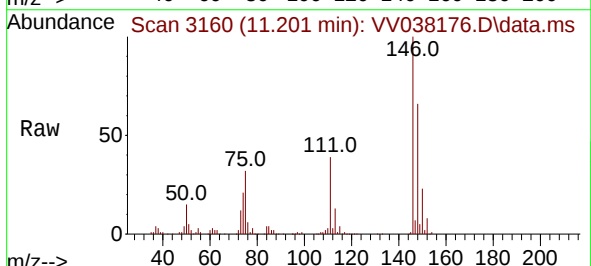
Tgt Ion:146 Resp: 225564

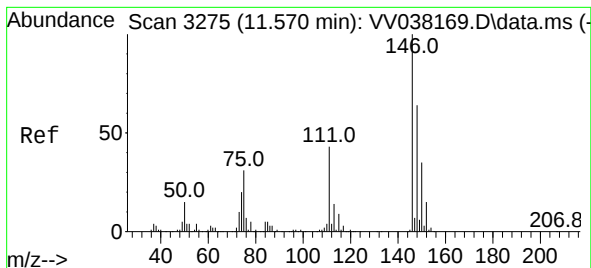
Ion Ratio Lower Upper

146 100

111 39.4 27.4 50.8

148 65.9 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 5.115 ug/L

RT: 11.570 min Scan# 3275

Delta R.T. -0.000 min

Lab File: VV038176.D

Acq: 19 Nov 2024 14:24

Instrument :

MSVOA_V

ClientSampleId :

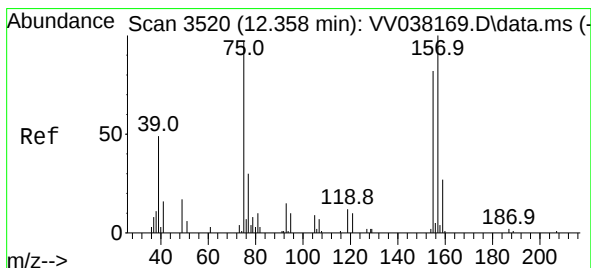
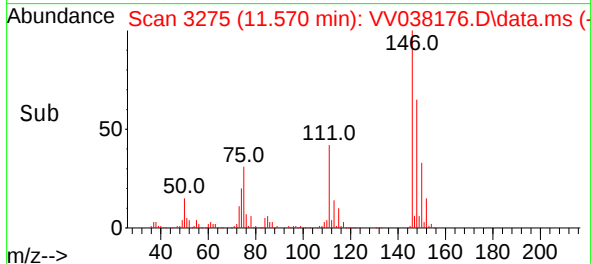
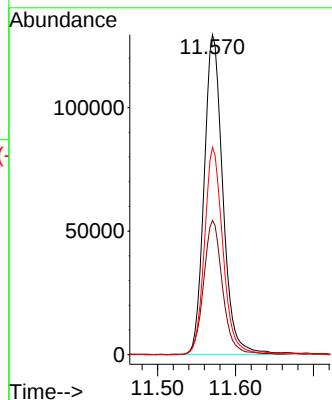
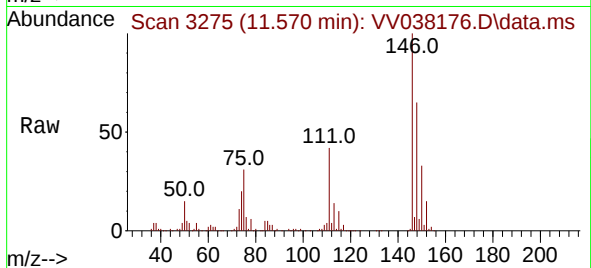
Tgt Ion:146 Resp: 214954

Ion Ratio Lower Upper

146 100

111 41.9 34.2 51.2

148 64.8 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.625 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.000 min

Lab File: VV038176.D

Acq: 19 Nov 2024 14:24

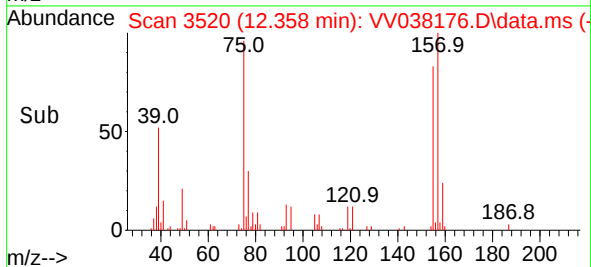
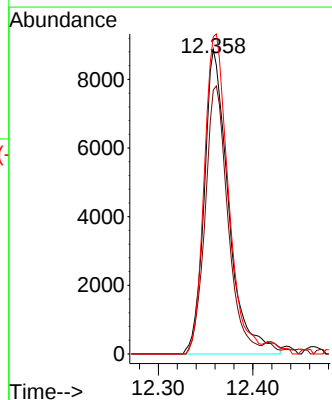
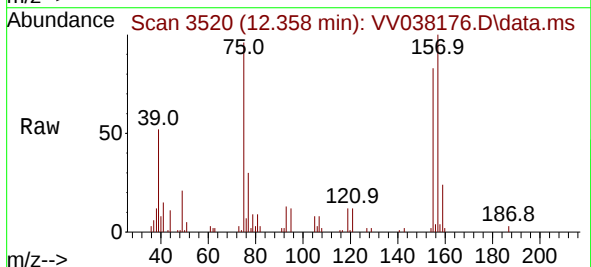
Tgt Ion: 75 Resp: 15869

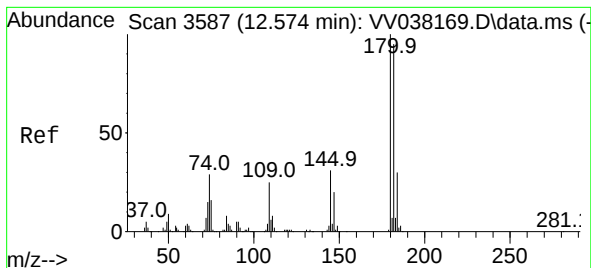
Ion Ratio Lower Upper

75 100

155 86.7 67.5 101.3

157 104.3 82.7 124.1





#69

1,3,5-Trichlorobenzene

Concen: 4.801 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.000 min

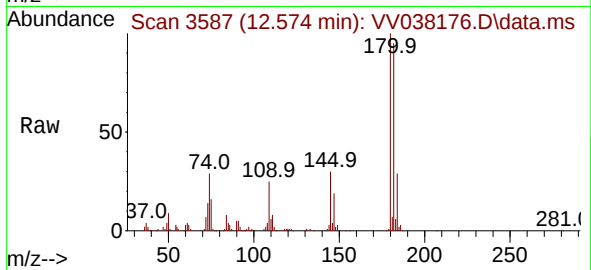
Lab File: VV038176.D

Acq: 19 Nov 2024 14:24

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 154409

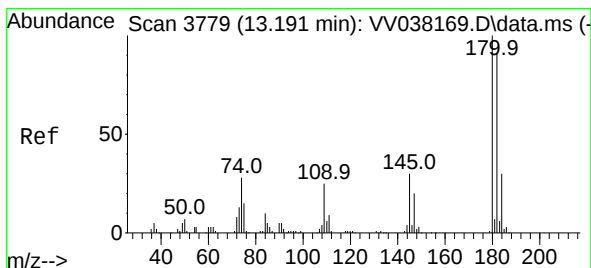
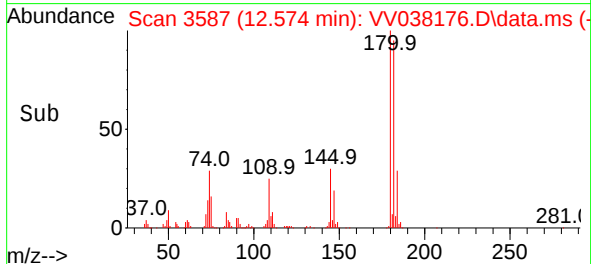
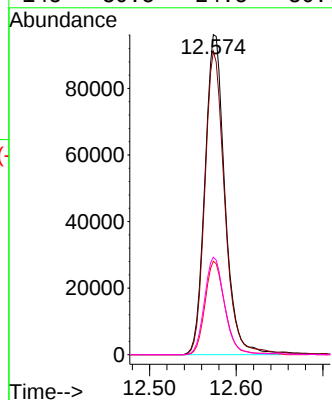
Ion Ratio Lower Upper

180 100

182 94.3 76.0 114.0

184 29.2 23.7 35.5

145 30.5 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 4.983 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV038176.D

Acq: 19 Nov 2024 14:24

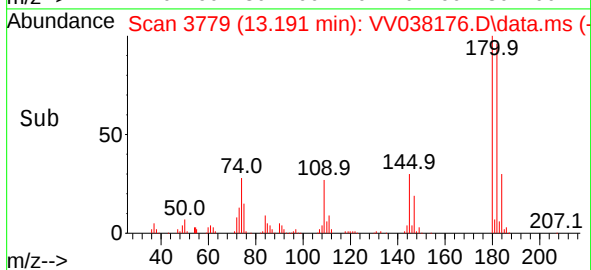
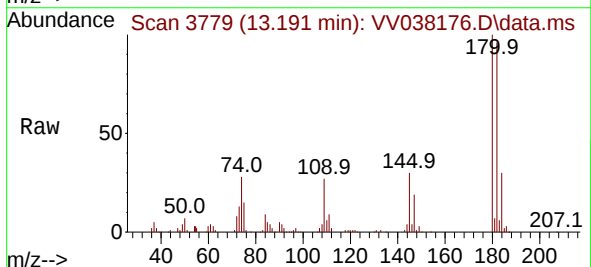
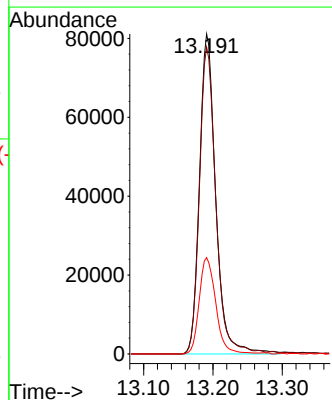
Tgt Ion:180 Resp: 132462

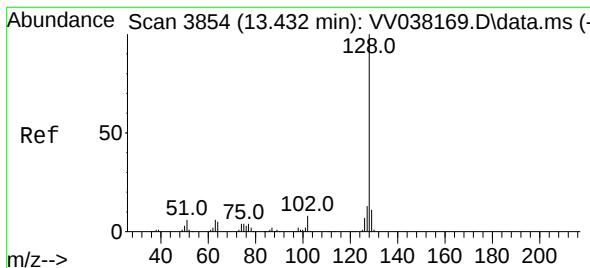
Ion Ratio Lower Upper

180 100

182 95.8 73.8 110.8

145 30.6 24.6 37.0





#71

Naphthalene

Concen: 5.127 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV038176.D

Acq: 19 Nov 2024 14:24

Instrument :

MSVOA_V

ClientSampleId :

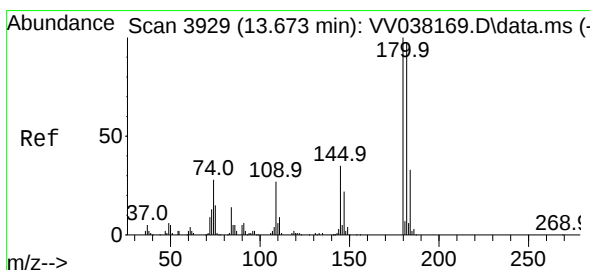
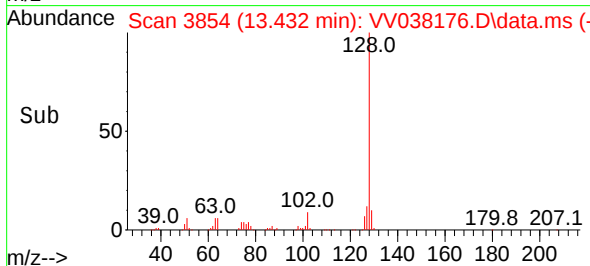
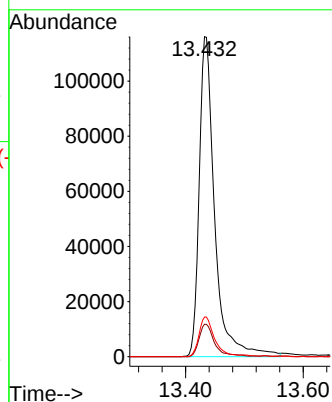
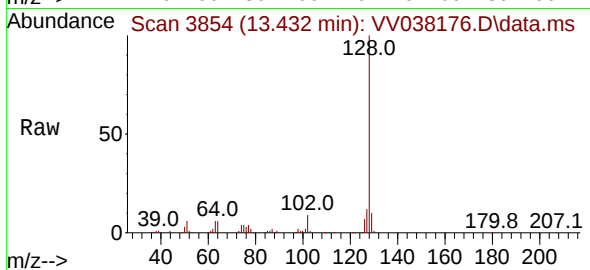
Tgt Ion:128 Resp: 212056

Ion Ratio Lower Upper

128 100

129 10.2 8.5 12.7

127 12.4 10.1 15.1



#72

1,2,3-Trichlorobenzene

Concen: 5.158 ug/L

RT: 13.670 min Scan# 3928

Delta R.T. -0.003 min

Lab File: VV038176.D

Acq: 19 Nov 2024 14:24

Tgt Ion:180 Resp: 126687

Ion Ratio Lower Upper

180 100

182 92.6 75.1 112.7

145 32.3 27.0 40.4

