

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038191.D
 Acq On : 19 Nov 2024 20:59
 Operator : SY/MD
 Sample : P4882-18
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 20 00:20:44 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	193387	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	211891	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	88423	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	69983	4.721	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.529	69	62992	5.254	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.000%
11) 1,1-Dichloroethene-d2	2.053	65	31785	4.983	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.600%
20) 2-Butanone-d5	3.783	46	181826	61.319	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.640%
24) Chloroform-d	4.243	84	147847	5.139	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	4.937	65	77892	6.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.600%
32) Benzene-d6	4.953	84	267354	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	5.982	67	91162	5.410	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.200%
41) Toluene-d8	7.240	98	211365	4.171	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	7.558	79	31472	5.023	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.400%
46) 2-Hexanone-d5	8.018	63	166830	68.501	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	137.000%#
56) 1,1,2,2-Tetrachloroeth...	10.146	84	88058	6.155	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.200%#
66) 1,2-Dichlorobenzene-d4	11.554	152	91236	6.056	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	3139	0.172	ug/L	95
3) Chloromethane	1.214	50	6503	0.413	ug/L	90
5) Vinyl chloride	1.278	62	549	0.031	ug/L #	1
6) Bromomethane	1.484	94	528	0.076	ug/L	97
8) Chloroethane	1.536	64	853	0.075	ug/L #	56
9) Trichlorofluoromethane	1.706	101	3004	0.118	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	2662	0.184	ug/L #	80
12) 1,1-Dichloroethene	2.053	96	1250	0.090	ug/L #	1
14) Carbon disulfide	2.233	76	1224	0.028	ug/L #	75
15) Methyl Acetate	2.224	43	3127	0.587	ug/L #	47
16) Methylene chloride	2.439	84	12788	0.812	ug/L	92
17) Methyl tert-butyl Ether	2.700	73	74377	2.382	ug/L	98
18) trans-1,2-Dichloroethene	2.703	96	340	0.023	ug/L #	54
19) 1,1-Dichloroethane	3.111	63	806	0.031	ug/L #	73
21) 2-Butanone	3.880	43	225	0.071	ug/L #	49
22) cis-1,2-Dichloroethene	3.818	96	5219	0.347	ug/L	93
25) Chloroform	4.269	83	1295	0.046	ug/L #	44
27) 1,2-Dichloroethane	5.018	62	187	0.012	ug/L #	72
29) 1,1,1-Trichloroethane	4.503	97	20803	0.819	ug/L	97

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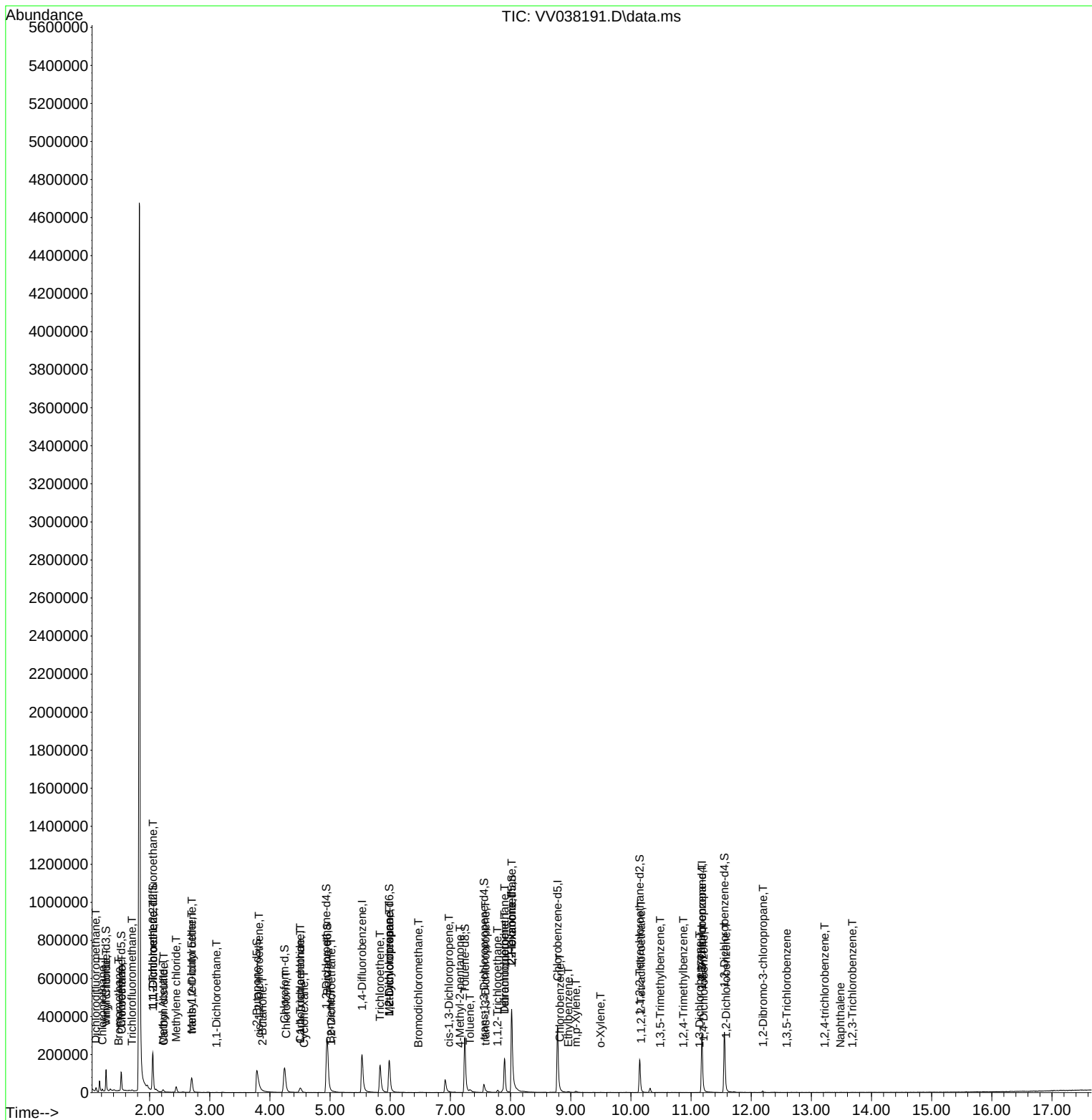
Quant Time: Nov 20 00:20:44 2024
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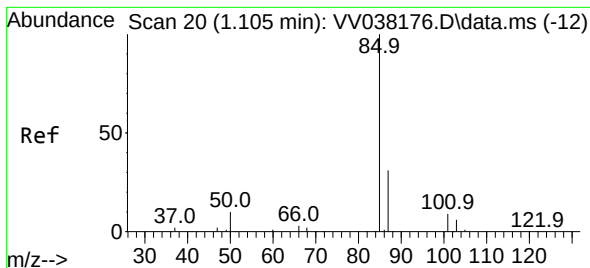
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

30) Cyclohexane	4.568	56	44	0.002	ug/L #	1
31) Carbon tetrachloride	4.503	117	2741	0.122	ug/L	93
33) Benzene	5.002	78	75	0.001	ug/L	100
34) Trichloroethene	5.831	95	55665	3.431	ug/L	98
35) Methylcyclohexane	5.986	83	22727	0.990	ug/L #	19
37) 1,2-Dichloropropane	5.986	63	9292	0.623	ug/L #	86
38) Bromodichloromethane	6.468	83	20	0.001	ug/L #	26
39) cis-1,3-Dichloropropene	6.976	75	173	0.008	ug/L #	41
40) 4-Methyl-2-pentanone	7.159	43	67	0.009	ug/L #	41
42) Toluene	7.326	91	11721	0.186	ug/L	85
44) trans-1,3-Dichloropropene	7.584	75	323	0.018	ug/L #	41
45) 1,1,2-Trichloroethane	7.780	97	155	0.013	ug/L #	1
47) Tetrachloroethene	7.899	164	41421	3.177	ug/L	98
48) 2-Hexanone	8.018	43	18655	3.297	ug/L #	67
49) Dibromochloromethane	7.899	129	39376	2.987	ug/L #	11
50) 1,2-Dibromoethane	8.021	107	82	0.007	ug/L #	5
51) Chlorobenzene	8.818	112	6300	0.145	ug/L	89
52) Ethylbenzene	8.960	91	2961	0.044	ug/L	99
53) m,p-Xylene	9.085	106	2608	0.103	ug/L	69
54) o-Xylene	9.493	106	437	0.018	ug/L #	49
57) 1,1,2,2-Tetrachloroethane	10.172	83	1488	0.105	ug/L #	70
61) 1,2,3-Trichloropropane	11.182	75	9981	1.318	ug/L #	65
62) 1,3,5-Trimethylbenzene	10.487	105	185	0.005	ug/L #	28
63) 1,2,4-Trimethylbenzene	10.870	105	154	0.004	ug/L	100
64) 1,3-Dichlorobenzene	11.140	146	294	0.011	ug/L #	59
65) 1,4-Dichlorobenzene	11.210	146	902	0.033	ug/L #	74
67) 1,2-Dichlorobenzene	11.580	146	2117	0.084	ug/L #	85
68) 1,2-Dibromo-3-chloropr...	12.198	75	147	0.087	ug/L #	2
69) 1,3,5-Trichlorobenzene	12.590	180	83	0.004	ug/L #	19
70) 1,2,4-trichlorobenzene	13.223	180	143	0.009	ug/L #	79
71) Naphthalene	13.480	128	143	0.006	ug/L #	70
72) 1,2,3-Trichlorobenzene	13.680	180	20	0.001	ug/L #	13

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

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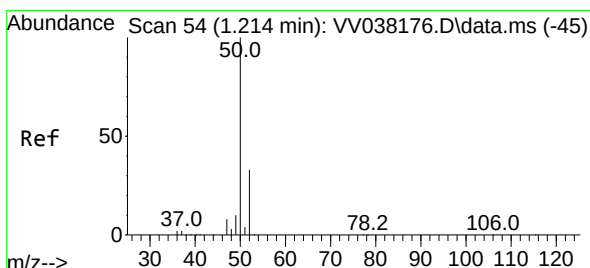
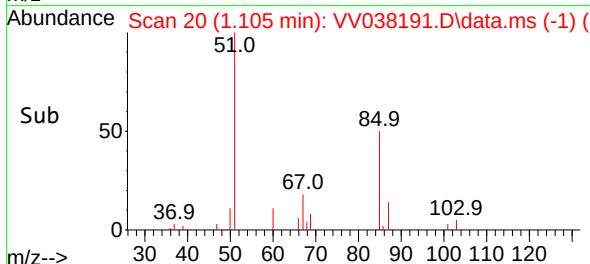
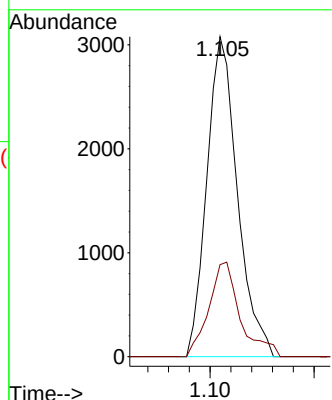
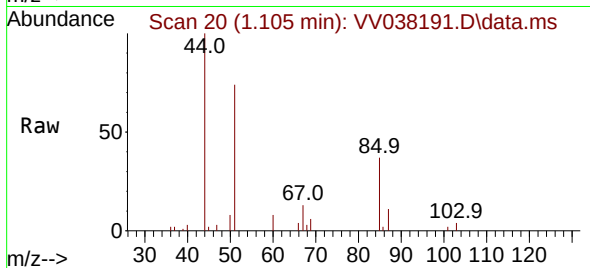




#2
Dichlorodifluoromethane
Concen: 0.172 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV038191.D
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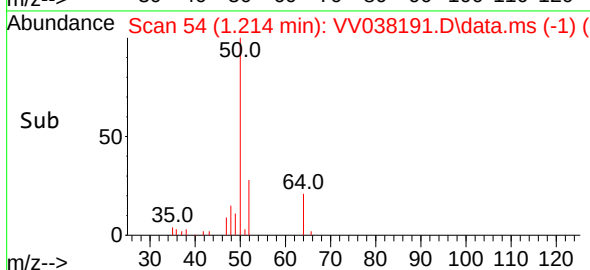
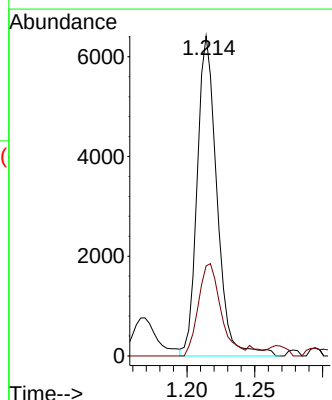
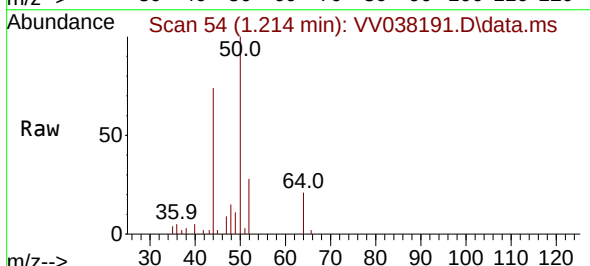
Instrument :
MSVOA_V
ClientSampleId :

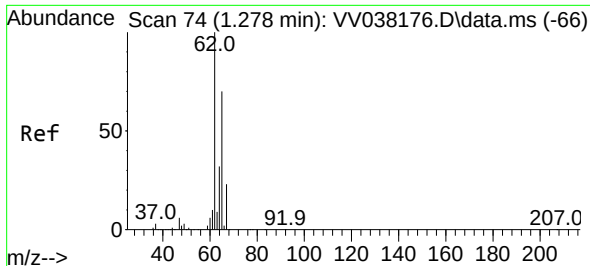
Tgt Ion: 85 Resp: 3139
Ion Ratio Lower Upper
85 100
87 30.4 26.5 39.7



#3
Chloromethane
Concen: 0.413 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV038191.D
Acq: 19 Nov 2024 20:59

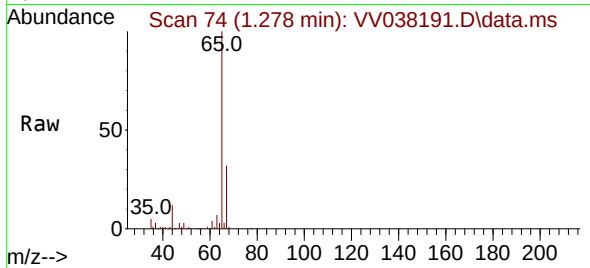
Tgt Ion: 50 Resp: 6503
Ion Ratio Lower Upper
50 100
52 28.2 23.5 43.7



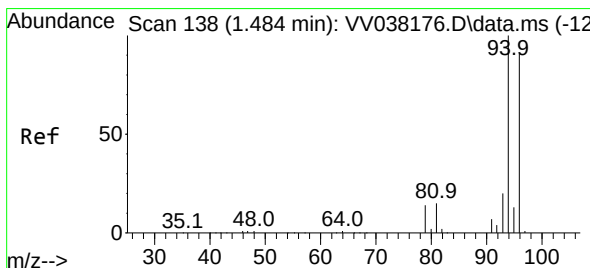
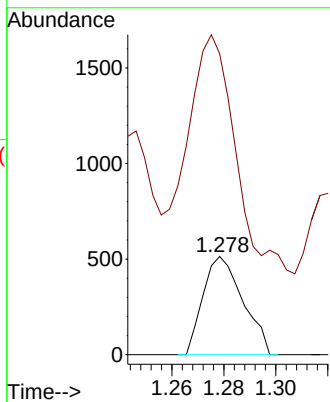
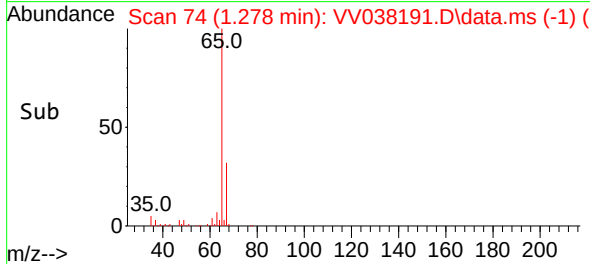


#5
 Vinyl chloride
 Concen: 0.031 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV038191.D
 Acq: 19 Nov 2024 20:59

Instrument :
 MSVOA_V
 ClientSampleId :

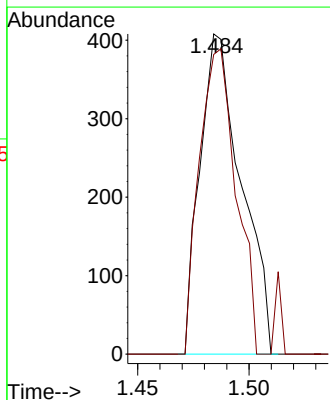
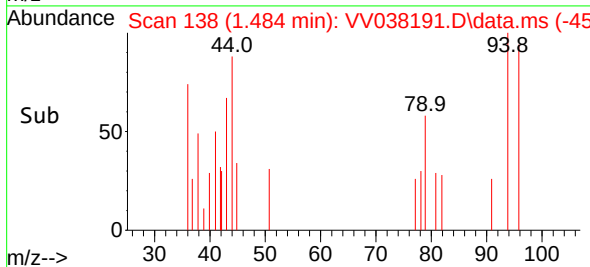
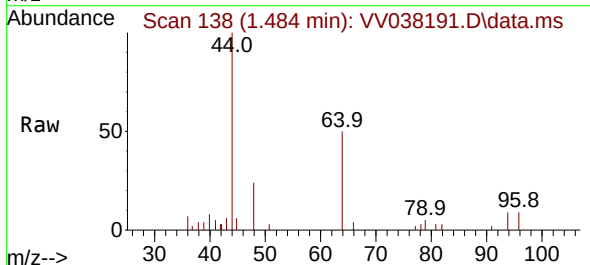


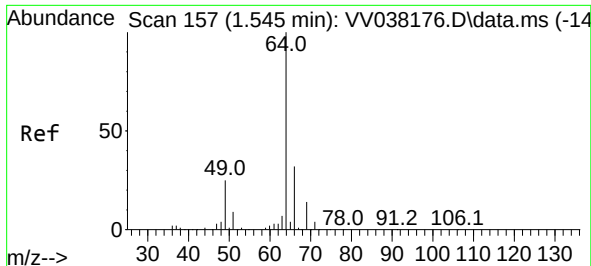
Tgt Ion: 62 Resp: 549
 Ion Ratio Lower Upper
 62 100
 64 306.4 24.4 45.4#



#6
 Bromomethane
 Concen: 0.076 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV038191.D
 Acq: 19 Nov 2024 20:59

Tgt Ion: 94 Resp: 528
 Ion Ratio Lower Upper
 94 100
 96 93.6 63.7 118.3

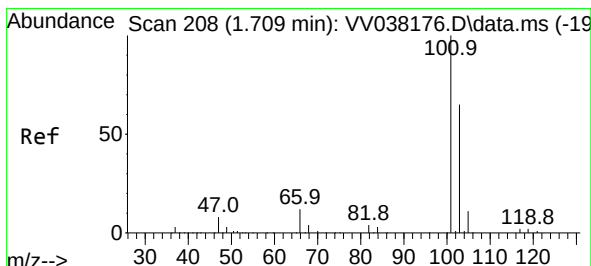
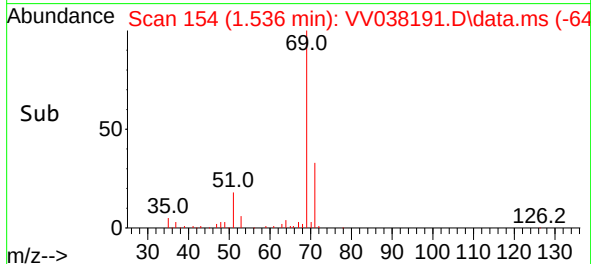
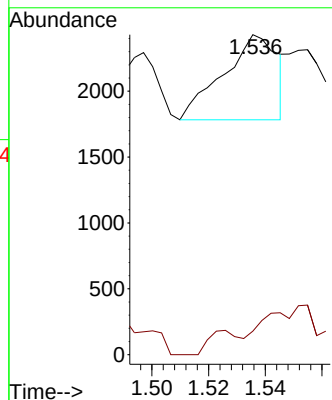
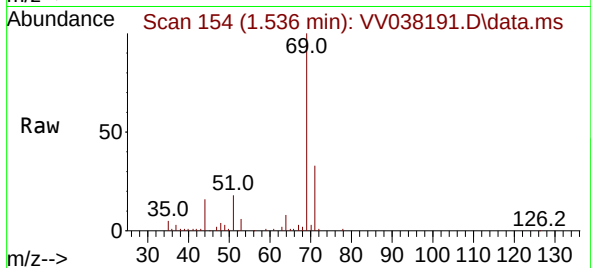




#8
Chloroethane
Concen: 0.075 ug/L
RT: 1.536 min Scan# 11
Delta R.T. -0.009 min
Lab File: VV038191.D
Acq: 19 Nov 2024 20:59

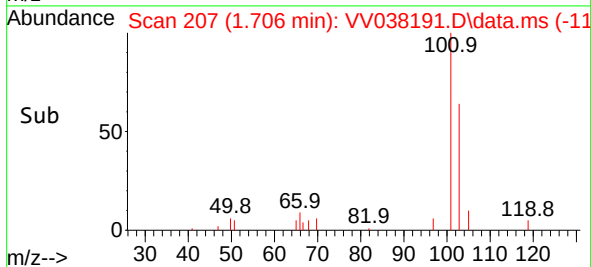
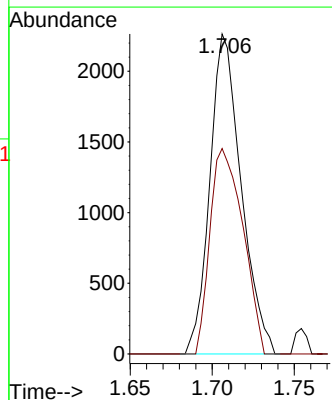
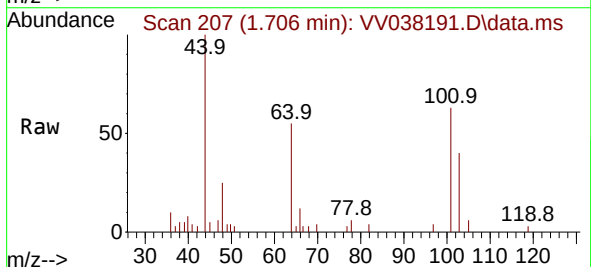
Instrument :
MSVOA_V
ClientSampleId :

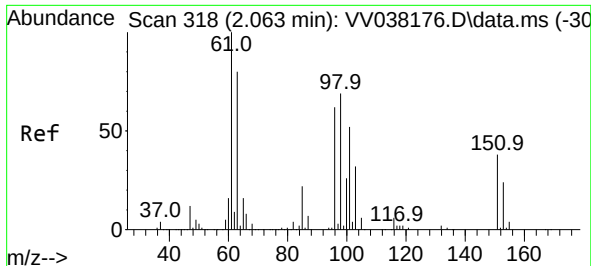
Tgt Ion: 64 Resp: 853
Ion Ratio Lower Upper
64 100
66 7.3 22.0 40.8#



#9
Trichlorofluoromethane
Concen: 0.118 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.003 min
Lab File: VV038191.D
Acq: 19 Nov 2024 20:59

Tgt Ion:101 Resp: 3004
Ion Ratio Lower Upper
101 100
103 67.4 51.5 77.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.184 ug/L

RT: 2.056 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV038191.D

Acq: 19 Nov 2024 20:59

Instrument :

MSVOA_V

ClientSampleId :

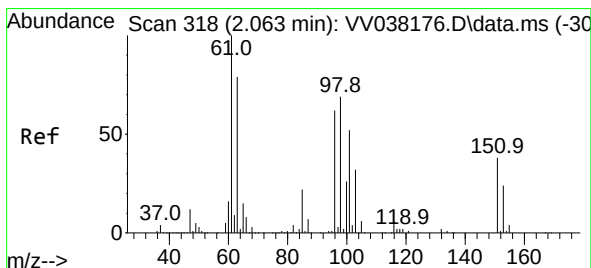
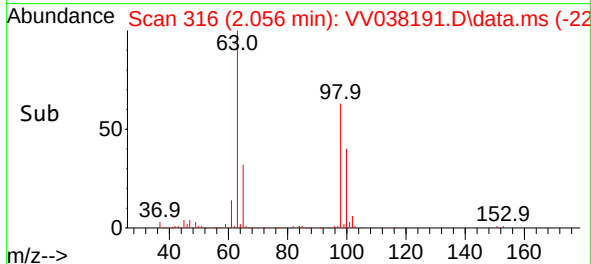
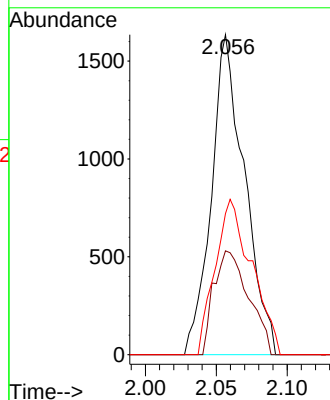
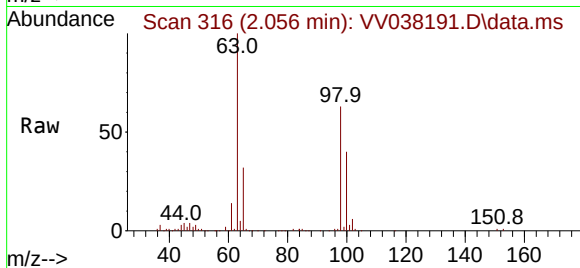
Tgt Ion:101 Resp: 2662

Ion Ratio Lower Upper

101 100

85 34.0 33.4 50.0

151 53.6 58.8 88.2#



#12

1,1-Dichloroethene

Concen: 0.090 ug/L

RT: 2.053 min Scan# 315

Delta R.T. -0.009 min

Lab File: VV038191.D

Acq: 19 Nov 2024 20:59

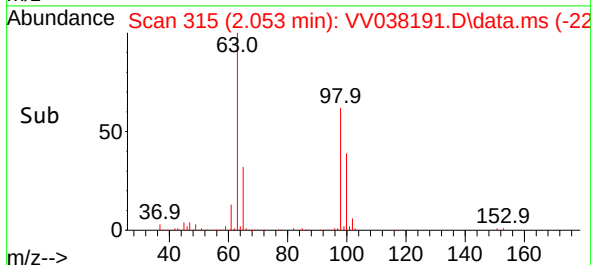
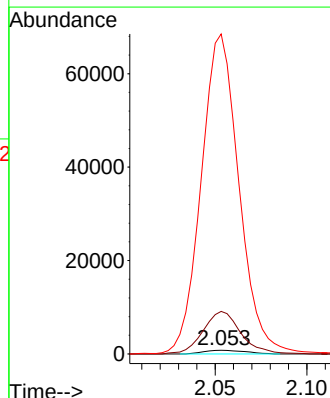
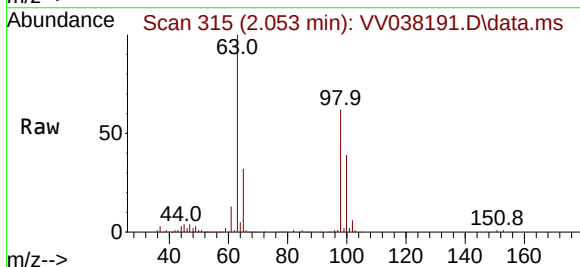
Tgt Ion: 96 Resp: 1250

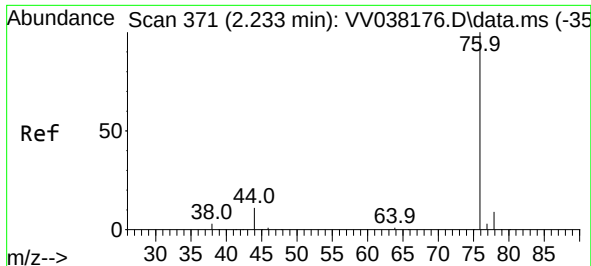
Ion Ratio Lower Upper

96 100

61 1157.5 115.7 214.9#

63 8716.5 101.1 187.7#





#14

Carbon disulfide

Concen: 0.028 ug/L

RT: 2.233 min Scan# 31

Delta R.T. 0.000 min

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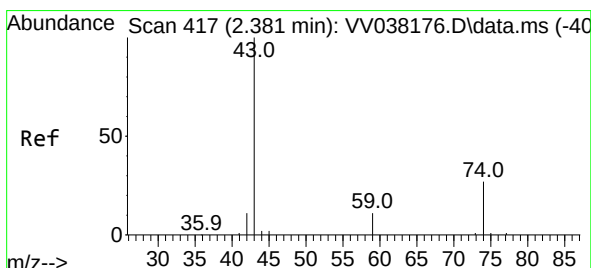
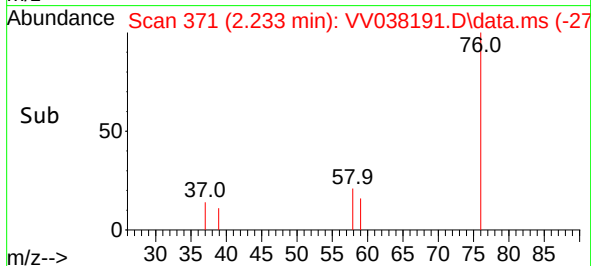
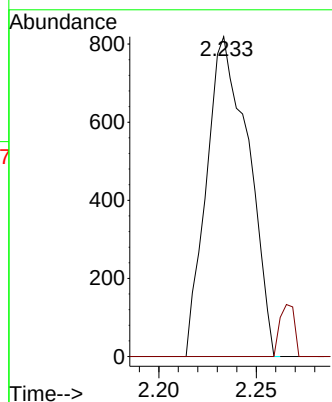
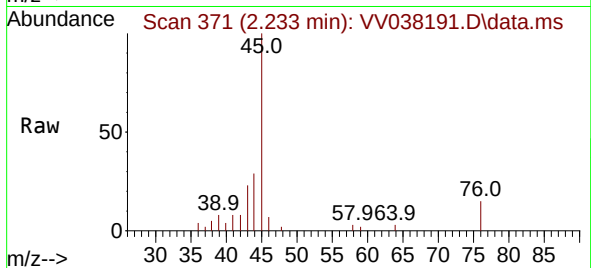
ClientSampleId :

Tgt Ion: 76 Resp: 1224

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#



#15

Methyl Acetate

Concen: 0.587 ug/L

RT: 2.224 min Scan# 368

Delta R.T. -0.157 min

Lab File: VV038191.D

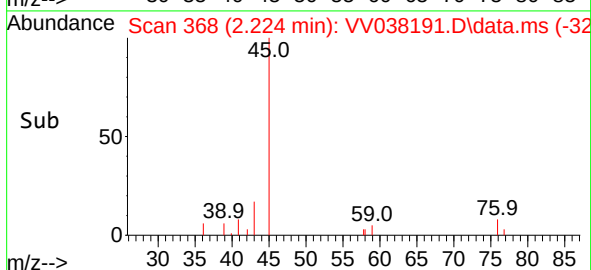
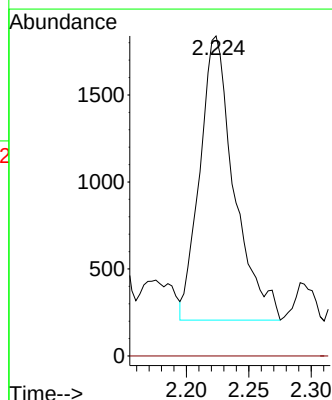
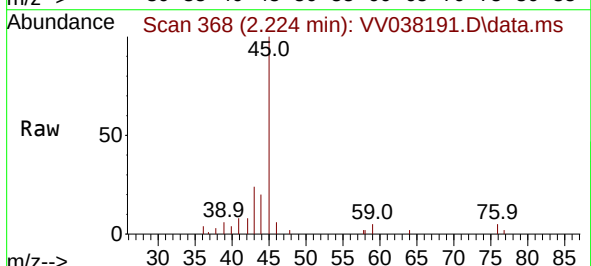
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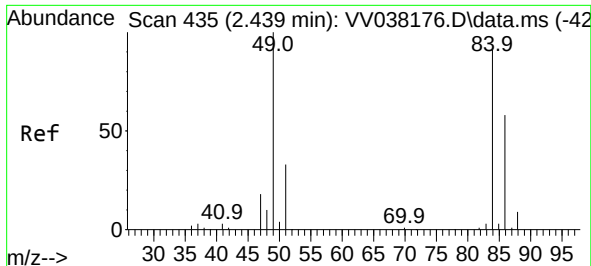
Tgt Ion: 43 Resp: 3127

Ion Ratio Lower Upper

43 100

74 0.0 22.4 33.6#

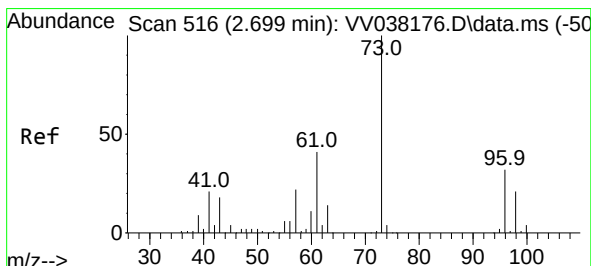
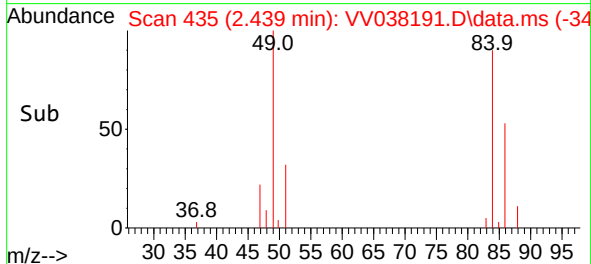
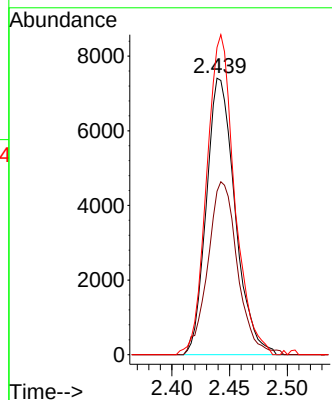
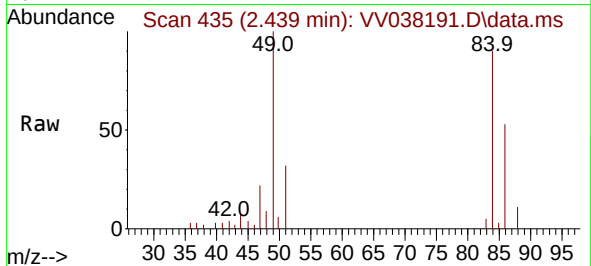




#16
Methylene chloride
Concen: 0.812 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV038191.D
Acq: 19 Nov 2024 20:59

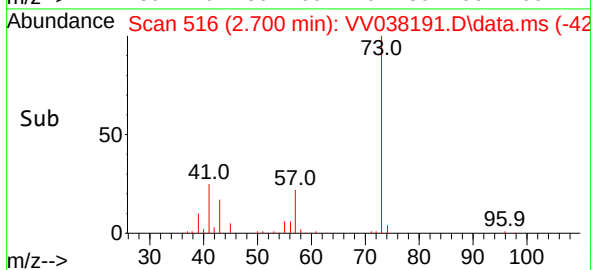
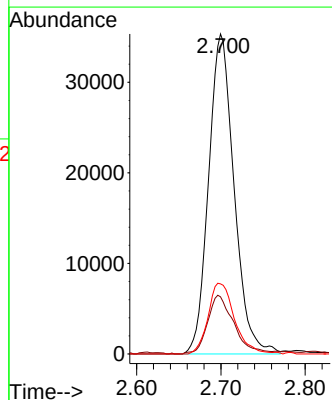
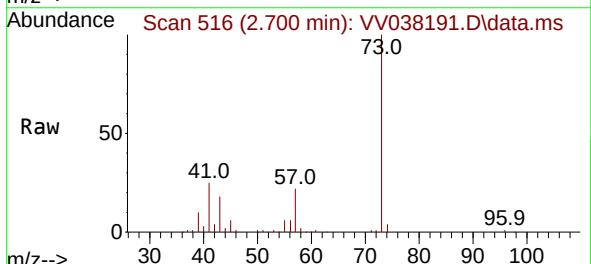
Instrument :
MSVOA_V
ClientSampleId :

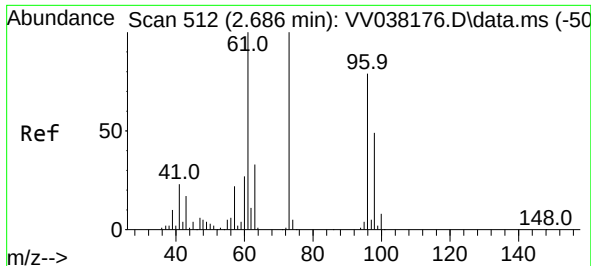
Tgt Ion: 84 Resp: 12788
Ion Ratio Lower Upper
84 100
86 59.1 44.2 82.2
49 117.3 74.9 139.1



#17
Methyl tert-butyl Ether
Concen: 2.382 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV038191.D
Acq: 19 Nov 2024 20:59

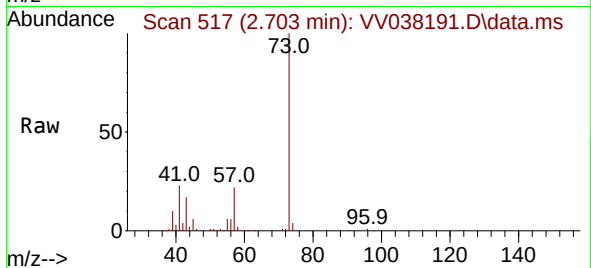
Tgt Ion: 73 Resp: 74377
Ion Ratio Lower Upper
73 100
43 18.9 14.2 21.2
57 22.9 17.6 26.4



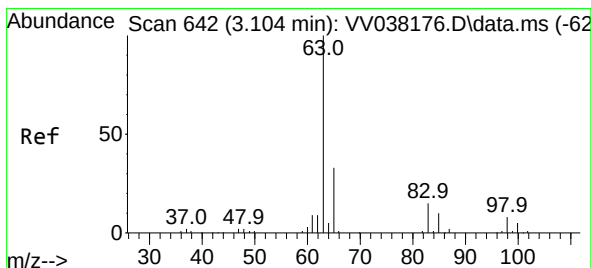
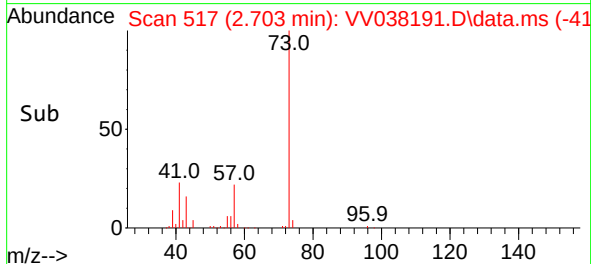
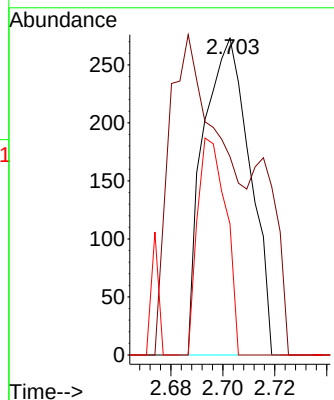


#18
trans-1,2-Dichloroethene
Concen: 0.023 ug/L
RT: 2.703 min Scan# 512
Delta R.T. 0.016 min
Lab File: VV038191.D
Acq: 19 Nov 2024 20:59

Instrument :
MSVOA_V
ClientSampleId :

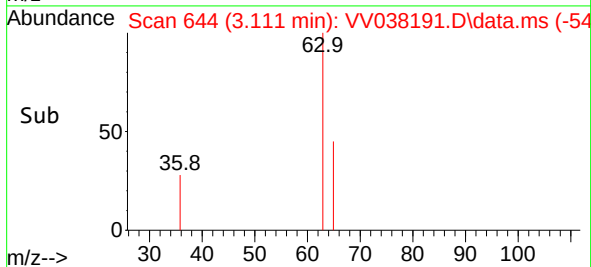
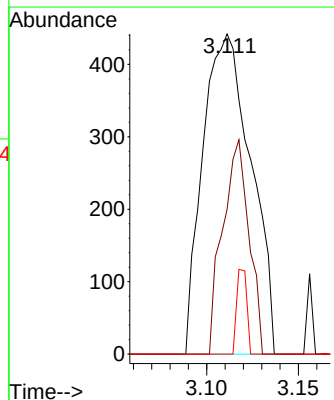
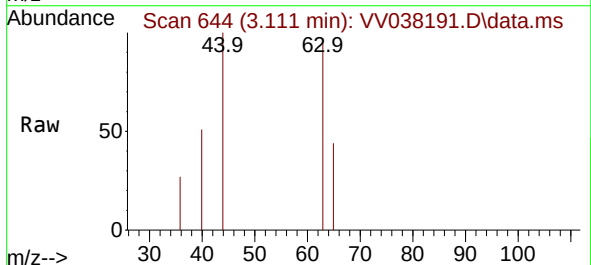


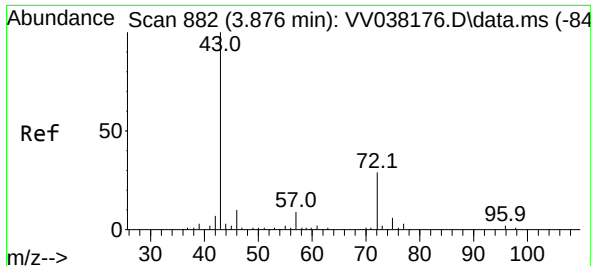
Tgt Ion: 96 Resp: 340
Ion Ratio Lower Upper
96 100
61 62.6 88.5 164.4#
98 41.4 43.9 81.5#



#19
1,1-Dichloroethane
Concen: 0.031 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.007 min
Lab File: VV038191.D
Acq: 19 Nov 2024 20:59

Tgt Ion: 63 Resp: 806
Ion Ratio Lower Upper
63 100
65 45.2 22.5 41.7#
83 0.0 10.1 18.9#

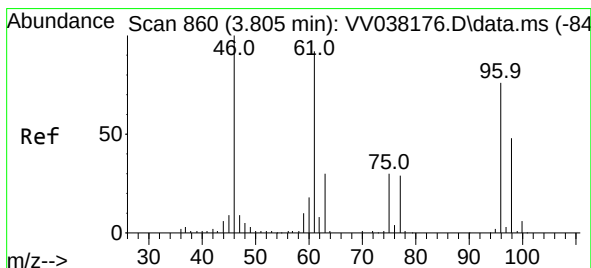
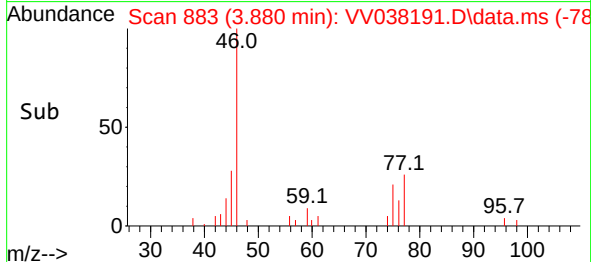
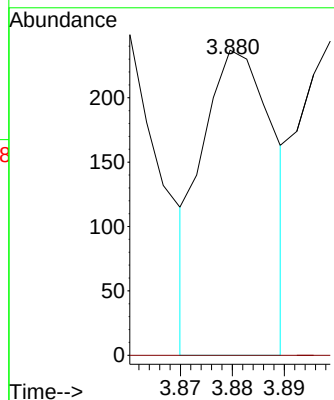
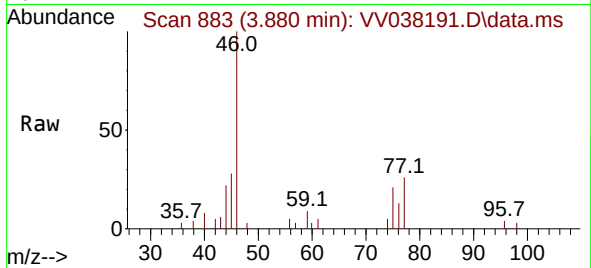




#21
2-Butanone
Concen: 0.071 ug/L
RT: 3.880 min Scan# 882
Delta R.T. 0.003 min
Lab File: VV038191.D
Acq: 19 Nov 2024 20:59

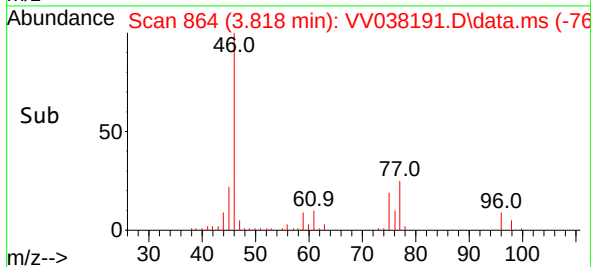
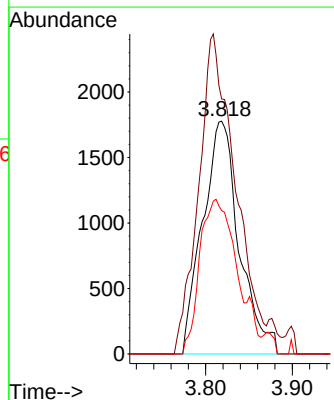
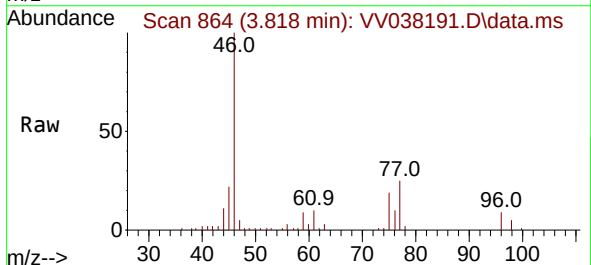
Instrument :
MSVOA_V
ClientSampleId :

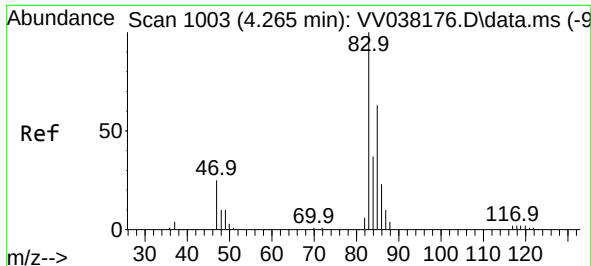
Tgt Ion: 43 Resp: 225
Ion Ratio Lower Upper
43 100
72 0.0 13.0 39.0#



#22
cis-1,2-Dichloroethene
Concen: 0.347 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.013 min
Lab File: VV038191.D
Acq: 19 Nov 2024 20:59

Tgt Ion: 96 Resp: 5219
Ion Ratio Lower Upper
96 100
61 109.6 82.7 153.5
98 61.6 46.3 85.9

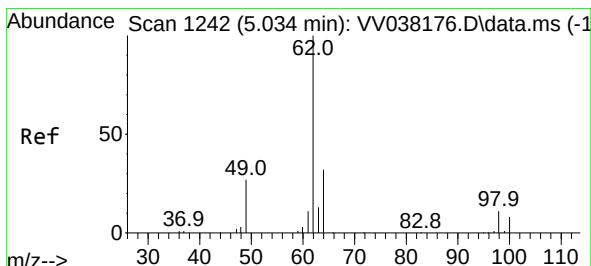
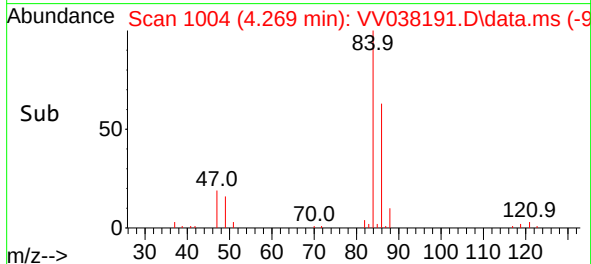
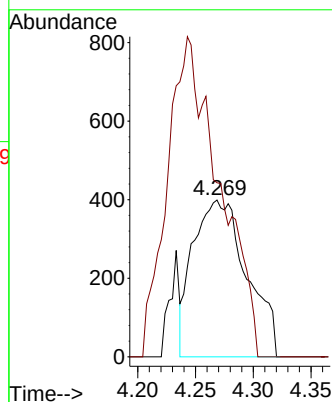
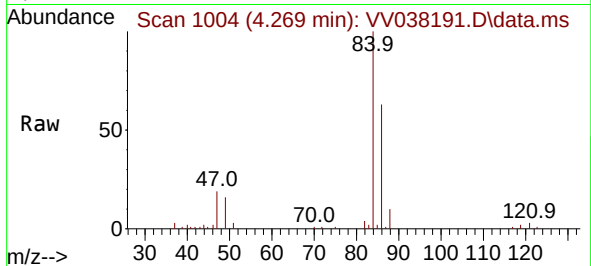




#25
Chloroform
Concen: 0.046 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. 0.003 min
Lab File: VV038191.D
Acq: 19 Nov 2024 20:59

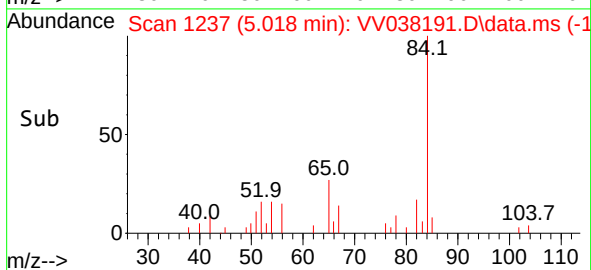
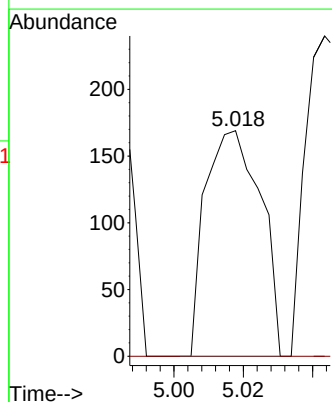
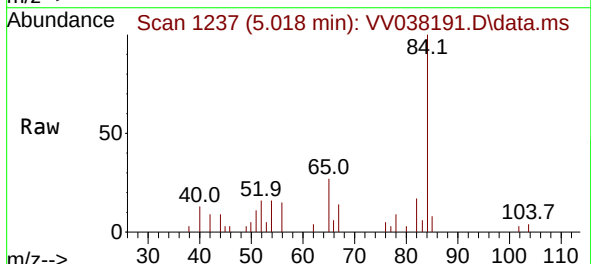
Instrument :
MSVOA_V
ClientSampleId :

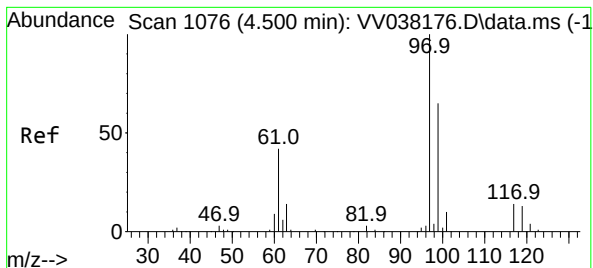
Tgt Ion: 83 Resp: 1295
Ion Ratio Lower Upper
83 100
85 111.0 46.5 86.3#



#27
1,2-Dichloroethane
Concen: 0.012 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. -0.016 min
Lab File: VV038191.D
Acq: 19 Nov 2024 20:59

Tgt Ion: 62 Resp: 187
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#





#29

1,1,1-Trichloroethane

Concen: 0.819 ug/L

RT: 4.503 min Scan# 1076

Delta R.T. 0.003 min

Lab File: VV038191.D

Acq: 19 Nov 2024 20:59

Instrument :

MSVOA_V

ClientSampleId :

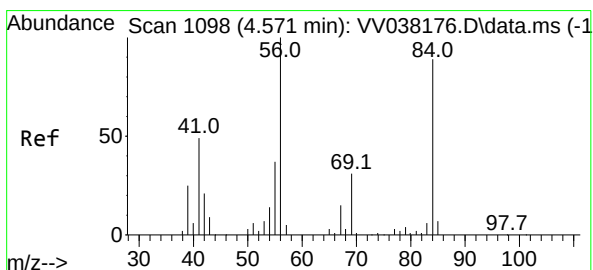
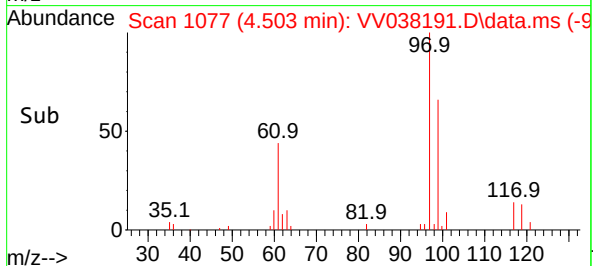
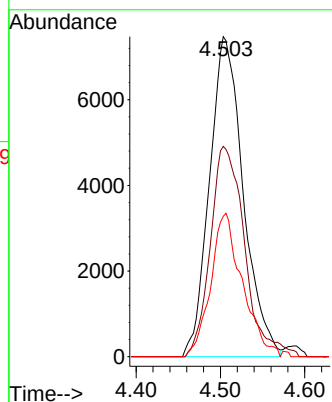
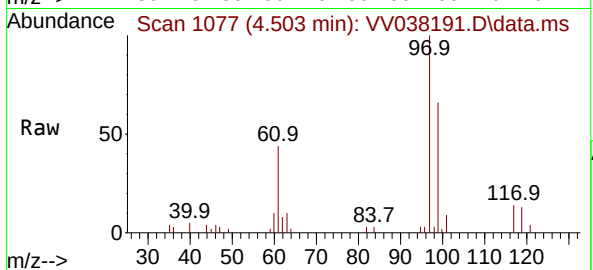
Tgt Ion: 97 Resp: 20803

Ion Ratio Lower Upper

97 100

99 66.6 51.8 77.8

61 42.0 32.2 48.2



#30

Cyclohexane

Concen: 0.002 ug/L

RT: 4.568 min Scan# 1097

Delta R.T. -0.003 min

Lab File: VV038191.D

Acq: 19 Nov 2024 20:59

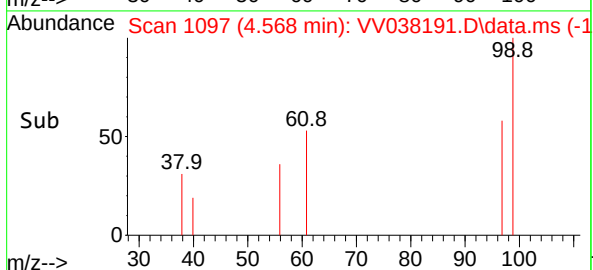
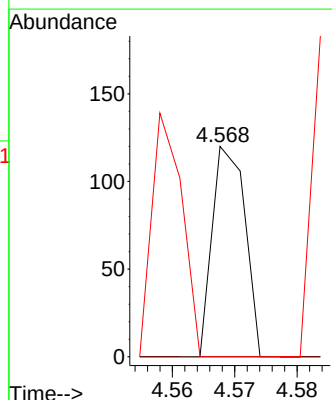
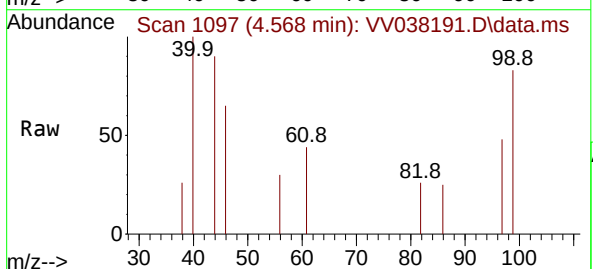
Tgt Ion: 56 Resp: 44

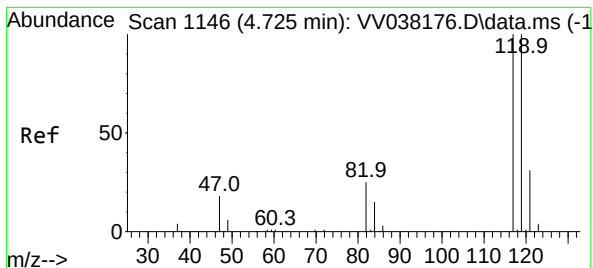
Ion Ratio Lower Upper

56 100

69 104.5 26.0 39.0#

84 0.0 75.6 113.4#





#31

Carbon tetrachloride

Concen: 0.122 ug/L

RT: 4.503 min Scan# 1146

Delta R.T. -0.222 min

Lab File: VV038191.D

Acq: 19 Nov 2024 20:59

Instrument :

MSVOA_V

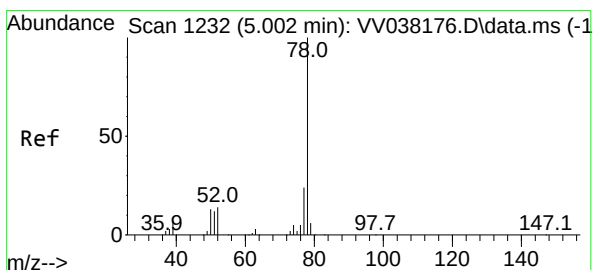
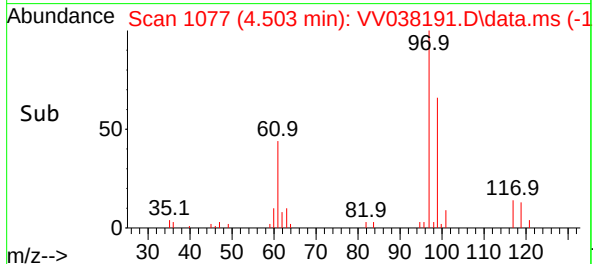
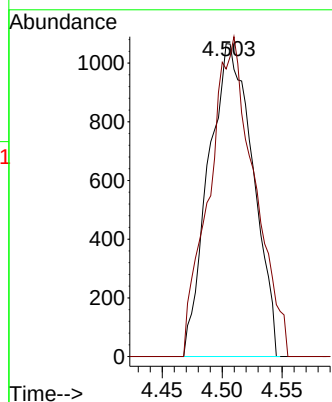
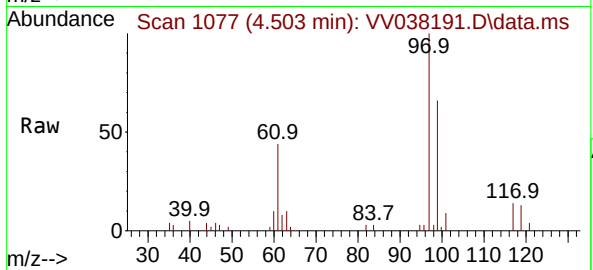
ClientSampleId :

Tgt Ion:117 Resp: 2741

Ion Ratio Lower Upper

117 100

119 103.9 77.4 116.2



#33

Benzene

Concen: 0.001 ug/L

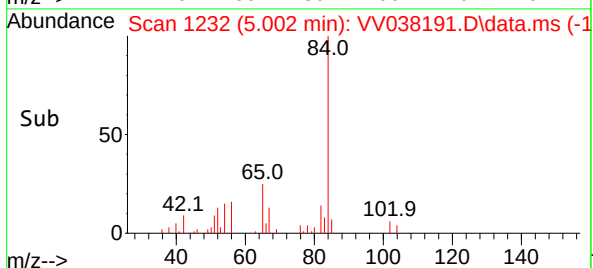
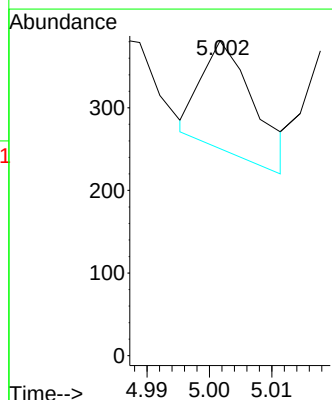
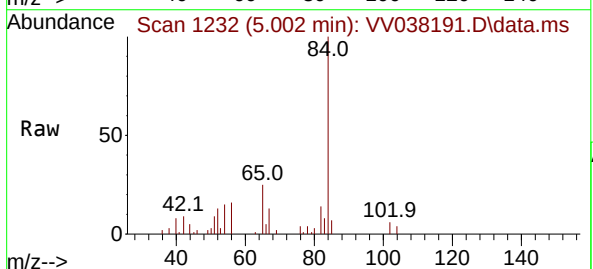
RT: 5.002 min Scan# 1232

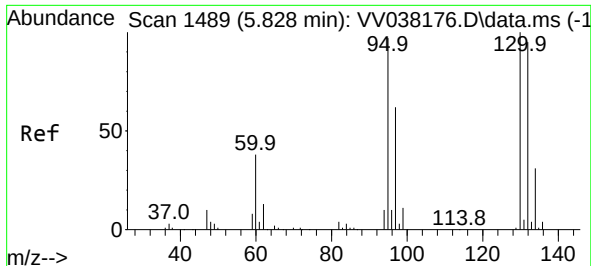
Delta R.T. 0.000 min

Lab File: VV038191.D

Acq: 19 Nov 2024 20:59

Tgt Ion: 78 Resp: 75

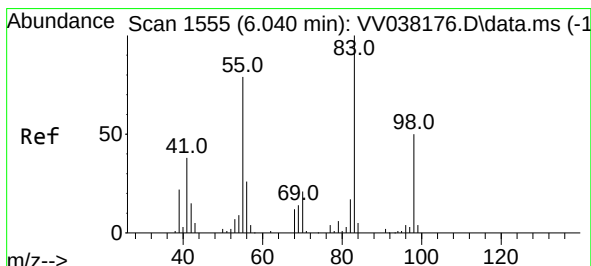
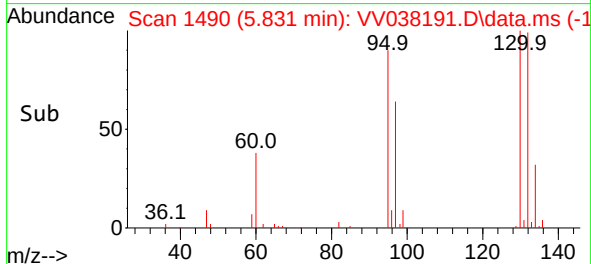
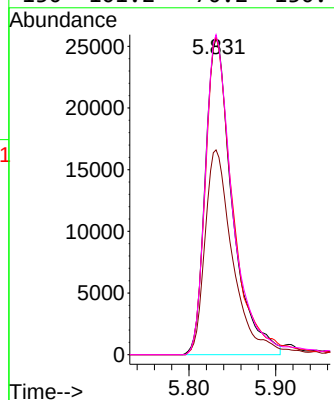
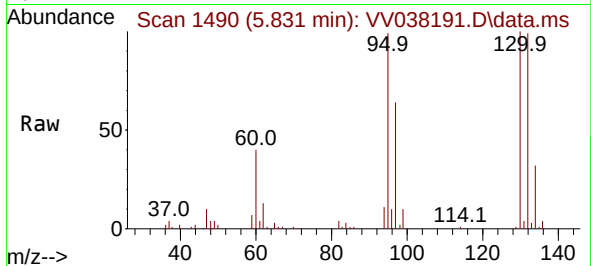




#34
Trichloroethene
Concen: 3.431 ug/L
RT: 5.831 min Scan# 1489
Delta R.T. 0.003 min
Lab File: VV038191.D
Acq: 19 Nov 2024 20:59

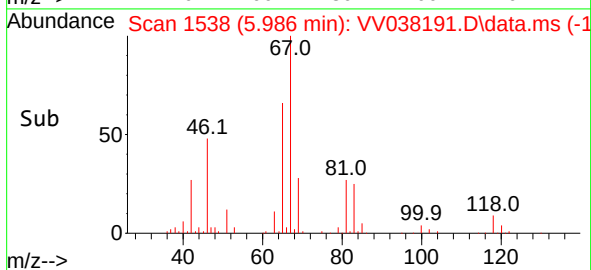
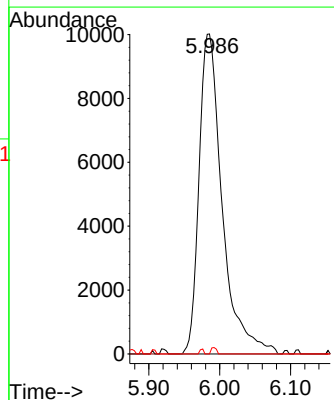
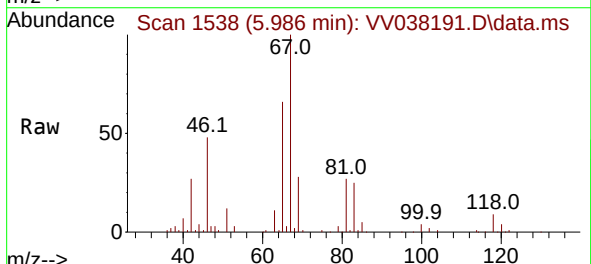
Instrument :
MSVOA_V
ClientSampleId :

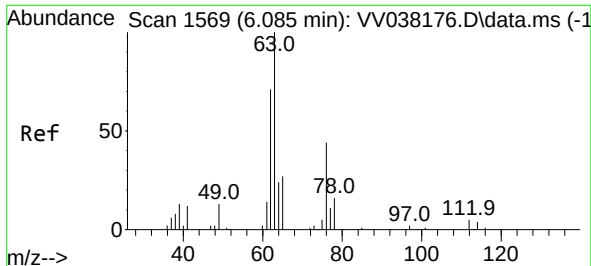
Tgt Ion: 95 Resp: 55665
Ion Ratio Lower Upper
95 100
97 64.8 44.8 83.2
132 100.5 68.3 126.8
130 101.2 70.2 130.4



#35
Methylcyclohexane
Concen: 0.990 ug/L
RT: 5.986 min Scan# 1538
Delta R.T. -0.054 min
Lab File: VV038191.D
Acq: 19 Nov 2024 20:59

Tgt Ion: 83 Resp: 22727
Ion Ratio Lower Upper
83 100
55 0.0 59.7 89.5#
98 0.5 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.623 ug/L

RT: 5.986 min Scan# 11

Delta R.T. -0.099 min

Lab File: VV038191.D

Acq: 19 Nov 2024 20:59

Instrument :

MSVOA_V

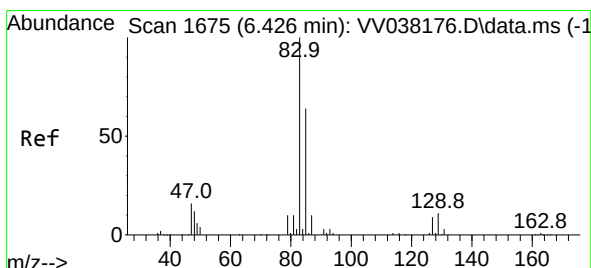
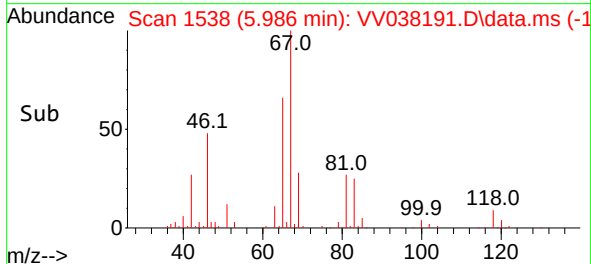
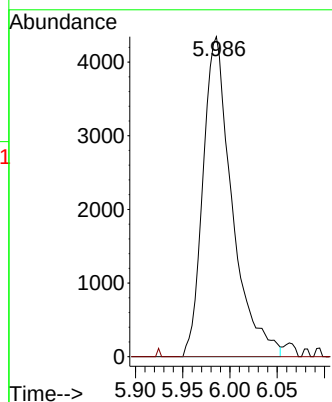
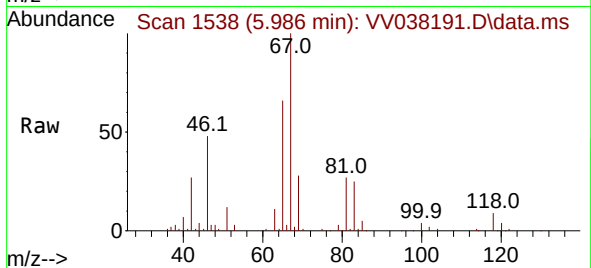
ClientSampleId :

Tgt Ion: 63 Resp: 9292

Ion Ratio Lower Upper

63 100

112 0.2 3.9 5.9#



#38

Bromodichloromethane

Concen: 0.001 ug/L

RT: 6.468 min Scan# 1688

Delta R.T. 0.042 min

Lab File: VV038191.D

Acq: 19 Nov 2024 20:59

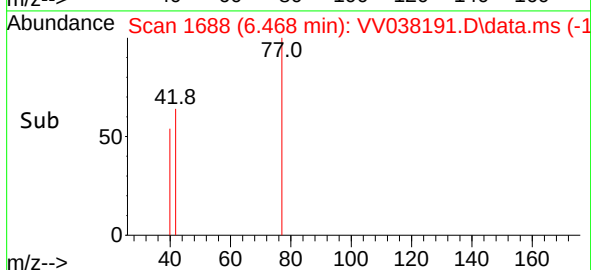
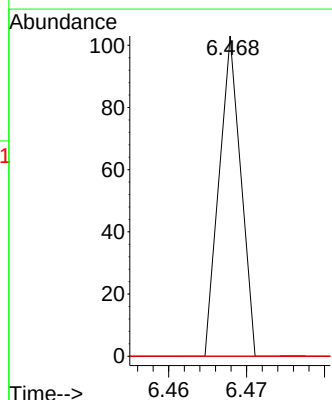
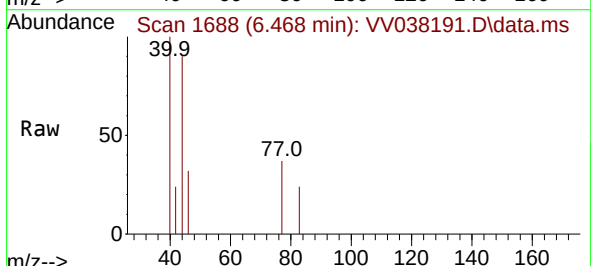
Tgt Ion: 83 Resp: 20

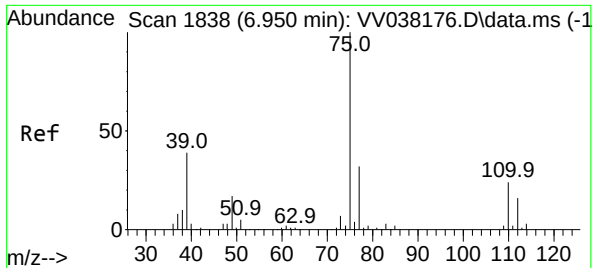
Ion Ratio Lower Upper

83 100

85 0.0 43.9 81.5#

127 0.0 6.7 10.1#





#39

cis-1,3-Dichloropropene

Concen: 0.008 ug/L

RT: 6.976 min Scan# 1846

Delta R.T. 0.026 min

Lab File: VV038191.D

Acq: 19 Nov 2024 20:59

Instrument :

MSVOA_V

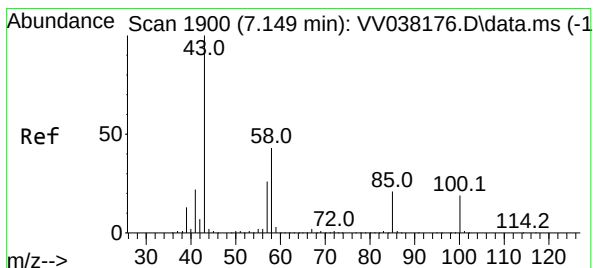
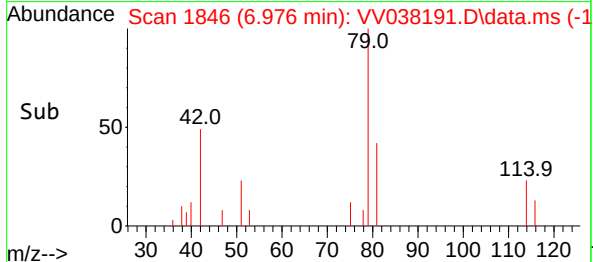
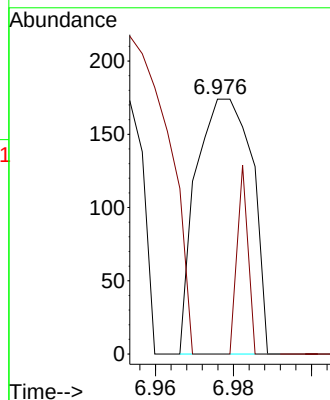
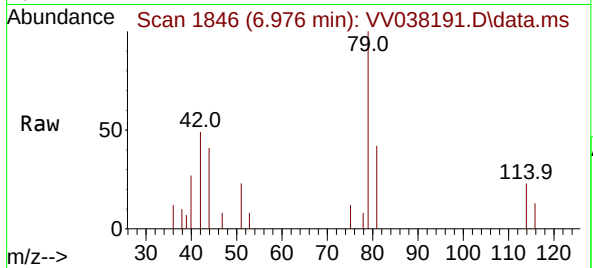
ClientSampleId :

Tgt Ion: 75 Resp: 173

Ion Ratio Lower Upper

75 100

77 0.0 23.4 43.6#



#40

4-Methyl-2-pentanone

Concen: 0.009 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.010 min

Lab File: VV038191.D

Acq: 19 Nov 2024 20:59

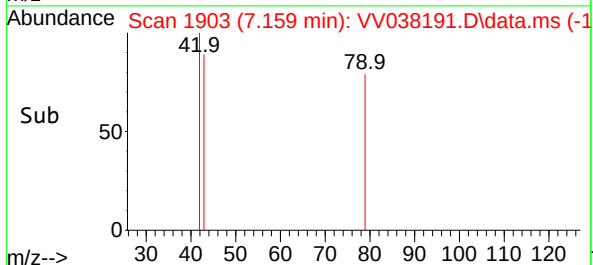
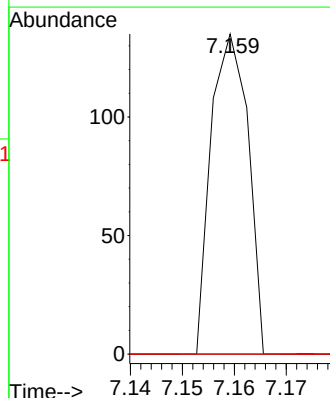
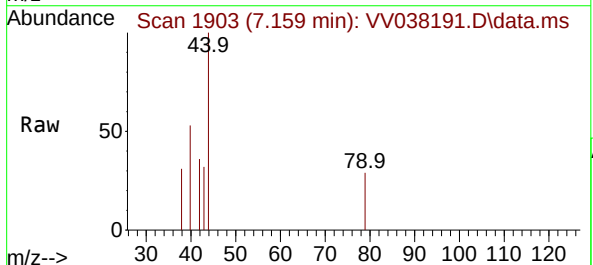
Tgt Ion: 43 Resp: 67

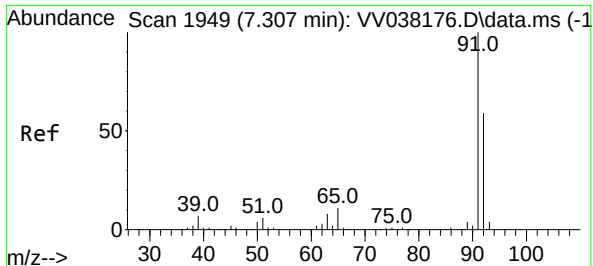
Ion Ratio Lower Upper

43 100

58 0.0 33.4 50.2#

100 0.0 14.3 21.5#





#42

Toluene

Concen: 0.186 ug/L

RT: 7.326 min Scan# 1949

Delta R.T. 0.019 min

Lab File: VV038191.D

Acq: 19 Nov 2024 20:59

Instrument :

MSVOA_V

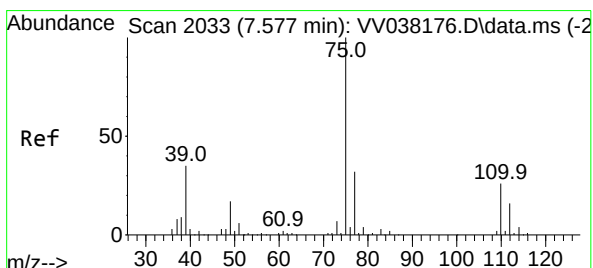
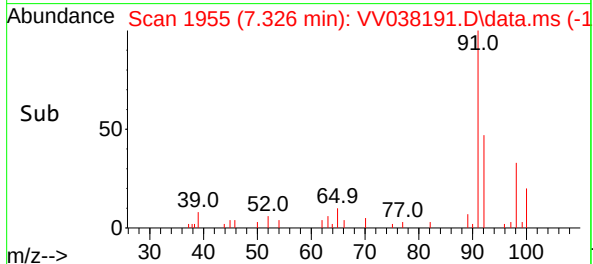
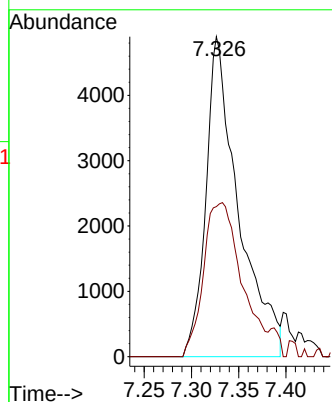
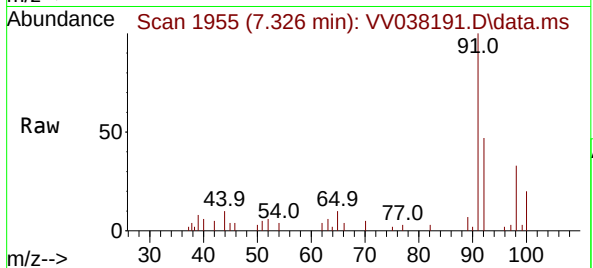
ClientSampleId :

Tgt Ion: 91 Resp: 11721

Ion Ratio Lower Upper

91 100

92 46.9 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.018 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.007 min

Lab File: VV038191.D

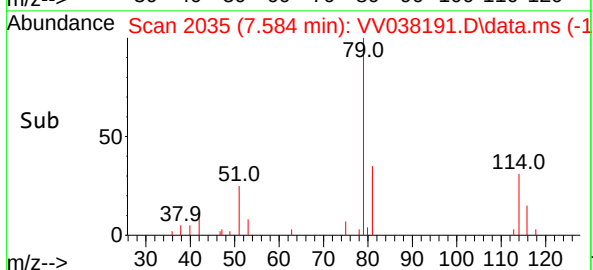
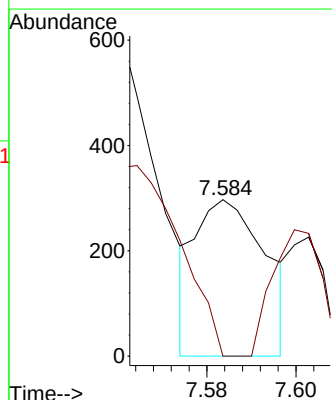
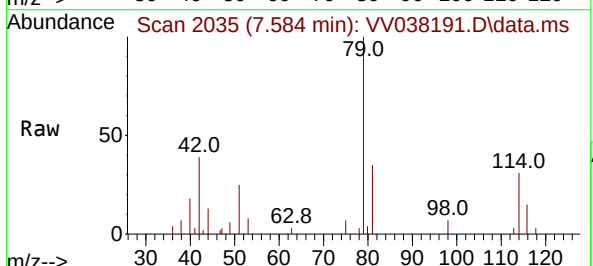
Acq: 19 Nov 2024 20:59

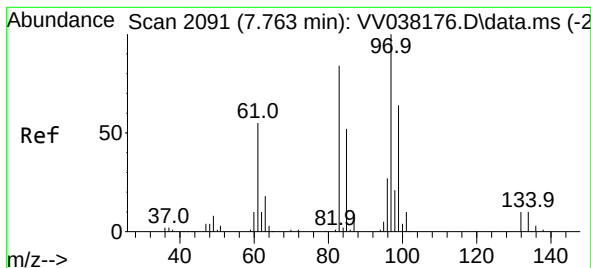
Tgt Ion: 75 Resp: 323

Ion Ratio Lower Upper

75 100

77 0.0 23.4 43.4#





#45

1,1,2-Trichloroethane

Concen: 0.013 ug/L

RT: 7.780 min Scan# 2096

Delta R.T. 0.016 min

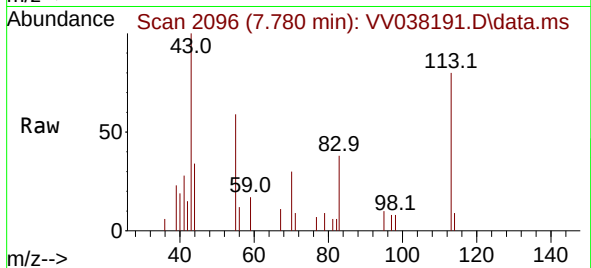
Lab File: VV038191.D

Acq: 19 Nov 2024 20:59

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 155

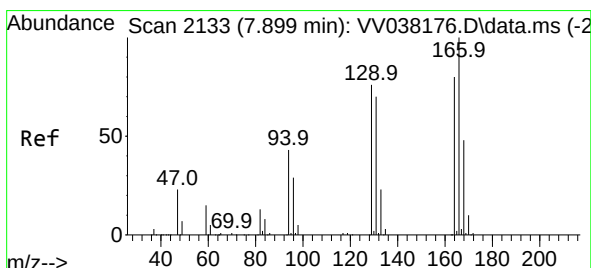
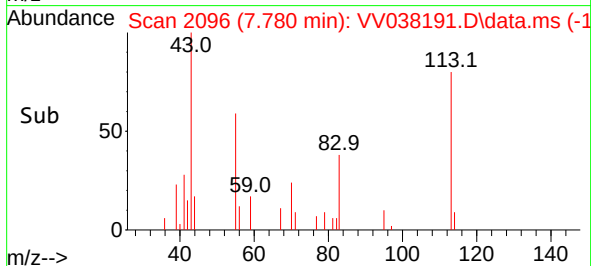
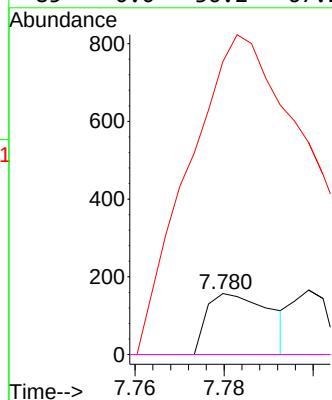
Ion Ratio Lower Upper

97 100

99 0.0 41.9 77.7#

83 480.3 57.7 107.1#

85 0.0 36.2 67.2#



#47

Tetrachloroethene

Concen: 3.177 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.000 min

Lab File: VV038191.D

Acq: 19 Nov 2024 20:59

Tgt Ion:164 Resp: 41421

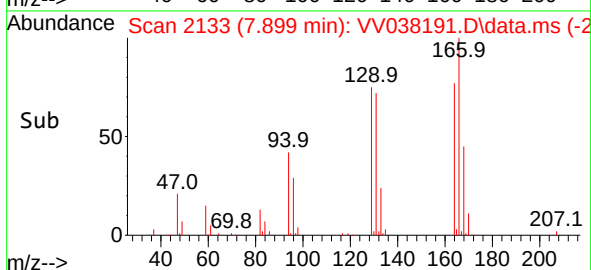
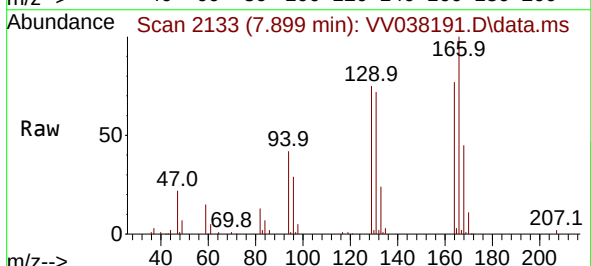
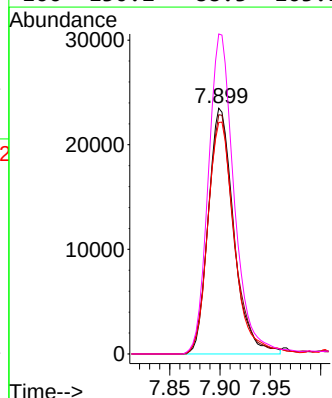
Ion Ratio Lower Upper

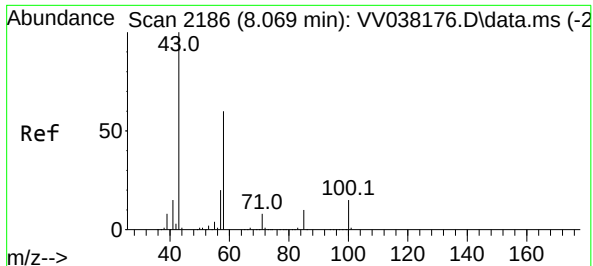
164 100

129 97.4 68.5 127.1

131 94.2 64.8 120.4

166 130.2 88.3 163.9

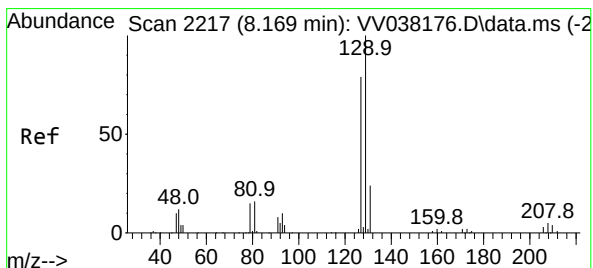
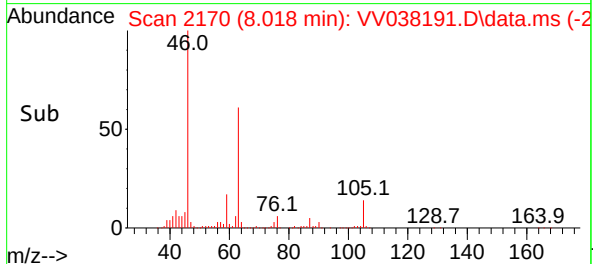
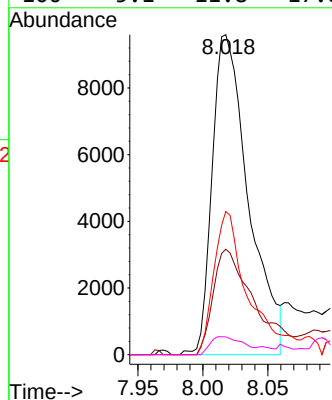
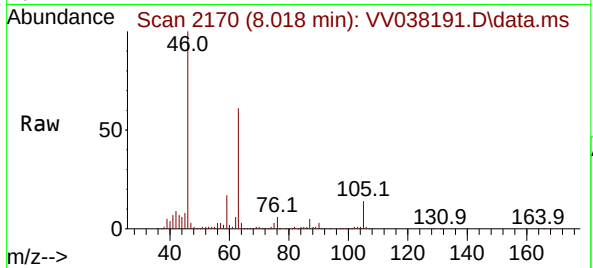




#48
2-Hexanone
Concen: 3.297 ug/L
RT: 8.018 min Scan# 2186
Delta R.T. -0.051 min
Lab File: VV038191.D
Acq: 19 Nov 2024 20:59

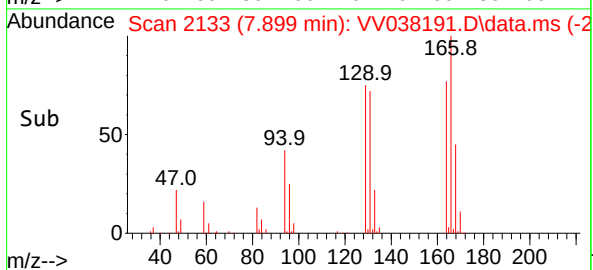
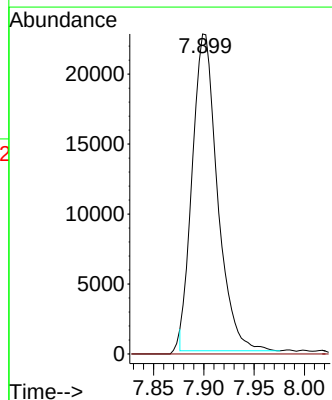
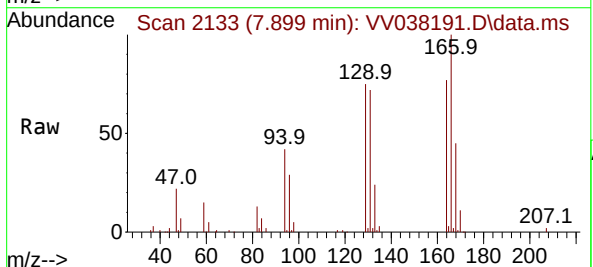
Instrument :
MSVOA_V
ClientSampleId :

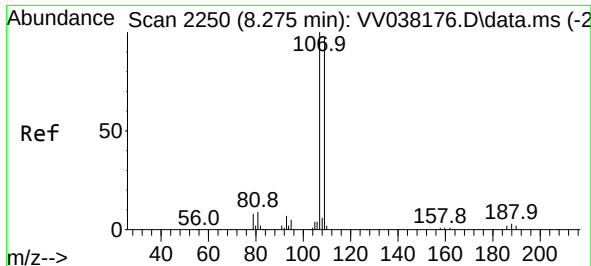
Tgt Ion: 43	Resp: 18655
Ion Ratio	Lower Upper
43 100	
58 37.5	49.2 73.8#
57 42.7	16.9 25.3#
100 5.1	11.8 17.8#



#49
Dibromochloromethane
Concen: 2.987 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.270 min
Lab File: VV038191.D
Acq: 19 Nov 2024 20:59

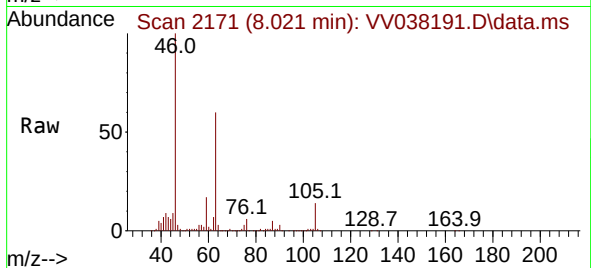
Tgt Ion:129	Resp: 39376		
Ion Ratio	Lower	Upper	
129 100			
127 0.0	53.5	99.3#	



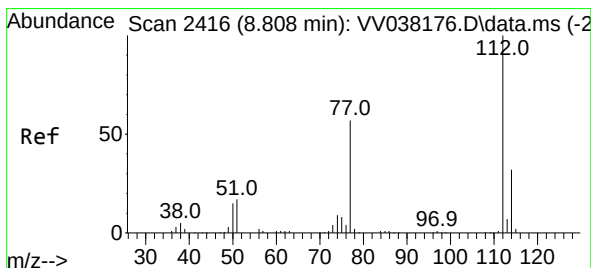
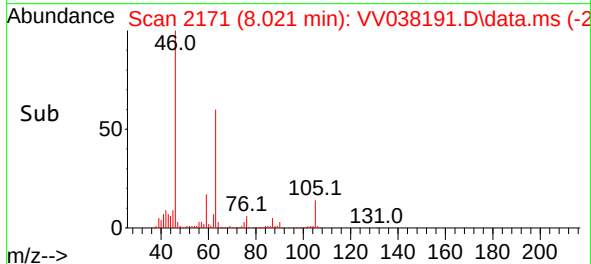
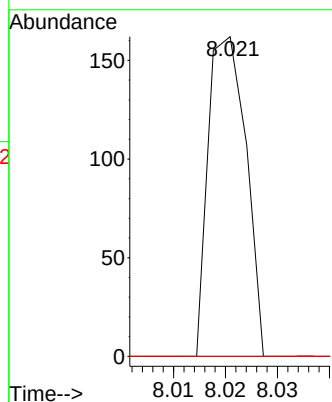


#50
1,2-Dibromoethane
Concen: 0.007 ug/L
RT: 8.021 min Scan# 2171
Delta R.T. -0.254 min
Lab File: VV038191.D
Acq: 19 Nov 2024 20:59

Instrument :
MSVOA_V
ClientSampleId :

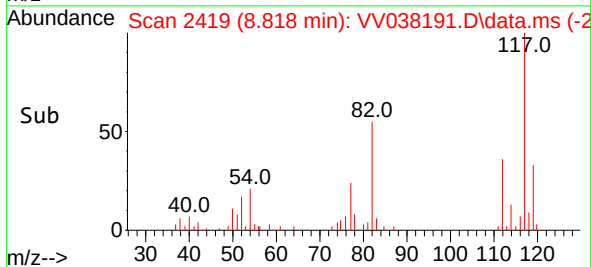
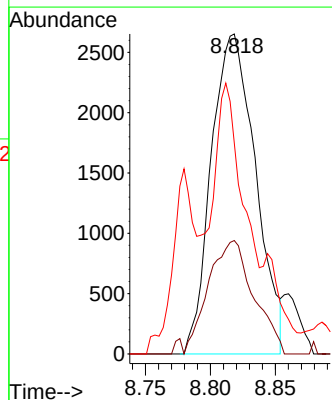
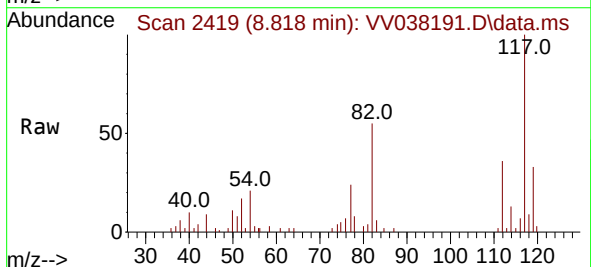


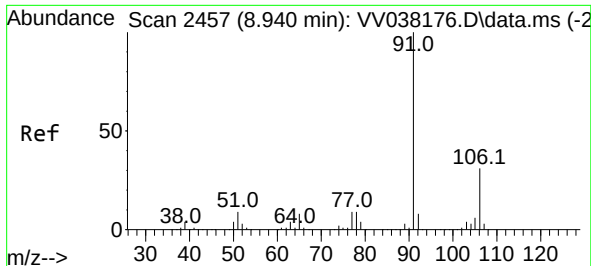
Tgt Ion:107 Resp: 82
Ion Ratio Lower Upper
107 100
109 0.0 66.1 122.7#
188 0.0 2.6 3.8#



#51
Chlorobenzene
Concen: 0.145 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.010 min
Lab File: VV038191.D
Acq: 19 Nov 2024 20:59

Tgt Ion:112 Resp: 6300
Ion Ratio Lower Upper
112 100
114 35.4 22.0 40.8
77 66.0 45.0 67.4





#52

Ethylbenzene

Concen: 0.044 ug/L

RT: 8.960 min Scan# 2457

Delta R.T. 0.019 min

Lab File: VV038191.D

Acq: 19 Nov 2024 20:59

Instrument :

MSVOA_V

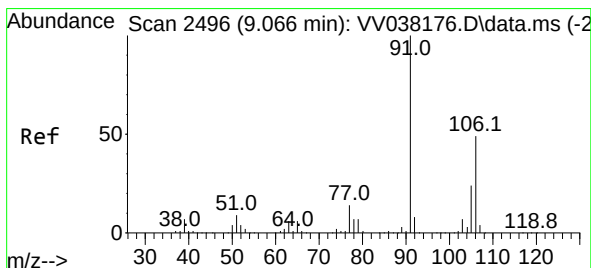
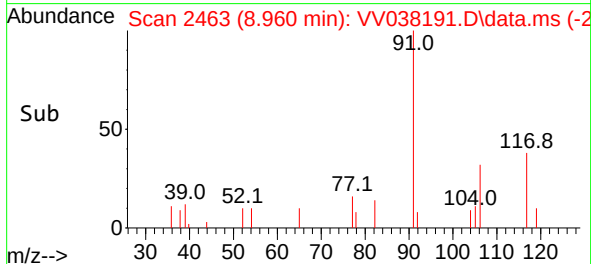
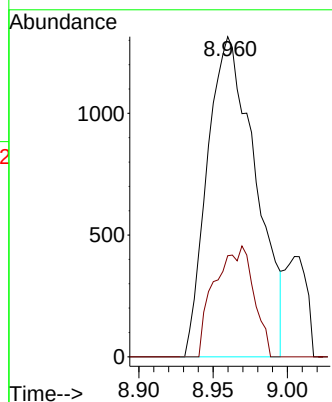
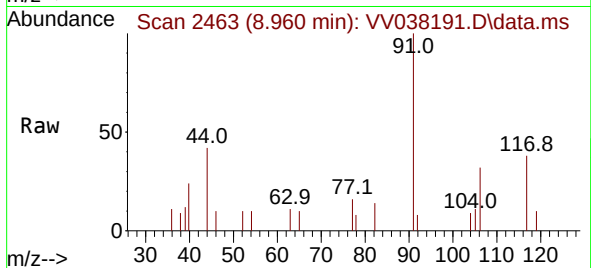
ClientSampleId :

Tgt Ion: 91 Resp: 2961

Ion Ratio Lower Upper

91 100

106 31.6 21.8 40.4



#53

m,p-Xylene

Concen: 0.103 ug/L

RT: 9.085 min Scan# 2502

Delta R.T. 0.019 min

Lab File: VV038191.D

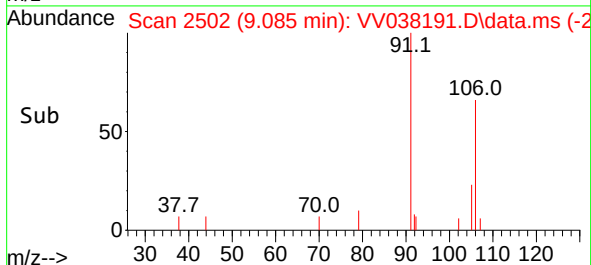
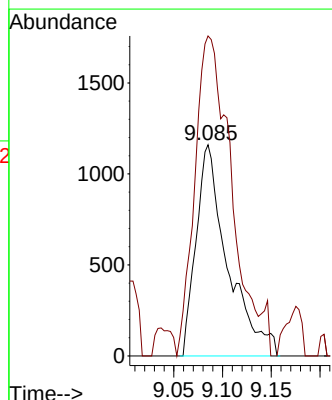
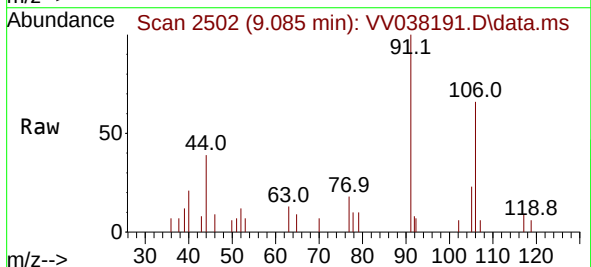
Acq: 19 Nov 2024 20:59

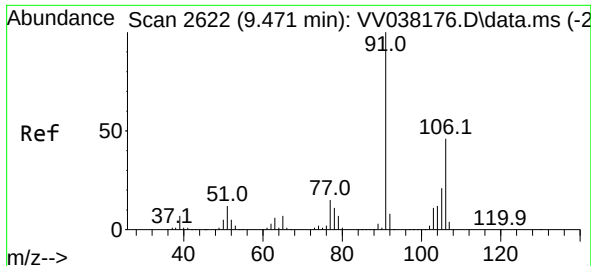
Tgt Ion: 106 Resp: 2608

Ion Ratio Lower Upper

106 100

91 151.6 138.7 257.5

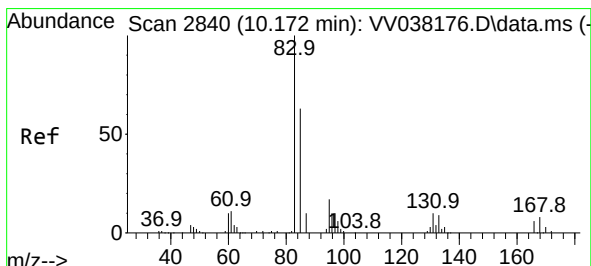
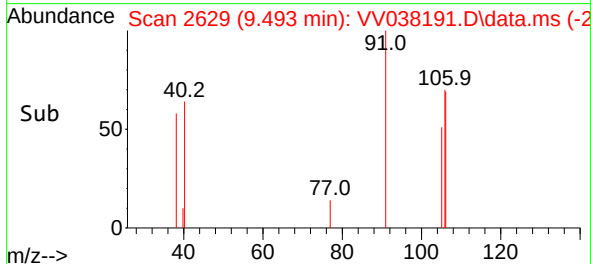
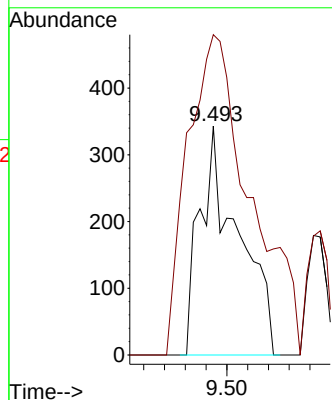
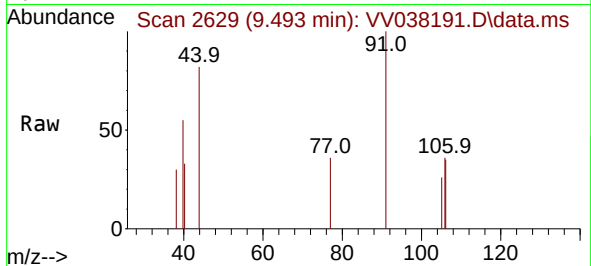




#54
o-Xylene
Concen: 0.018 ug/L
RT: 9.493 min Scan# 20
Delta R.T. 0.023 min
Lab File: VV038191.D
Acq: 19 Nov 2024 20:59

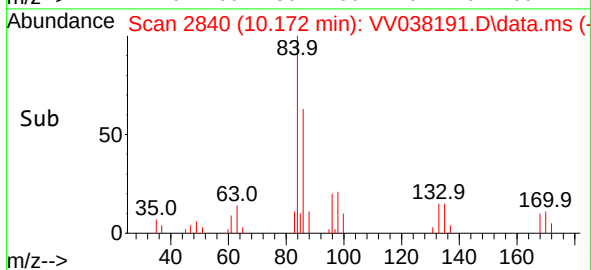
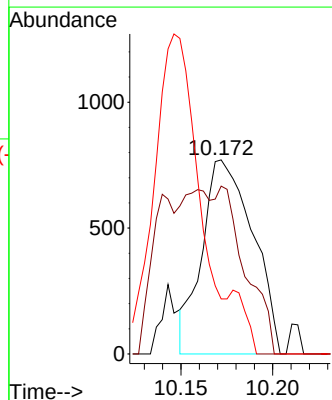
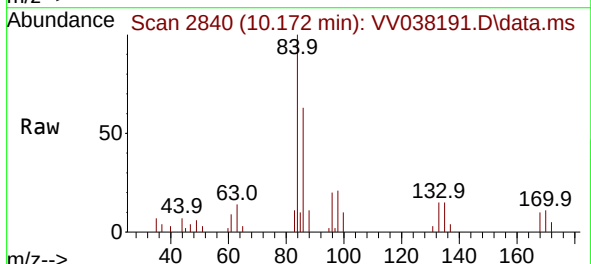
Instrument :
MSVOA_V
ClientSampleId :

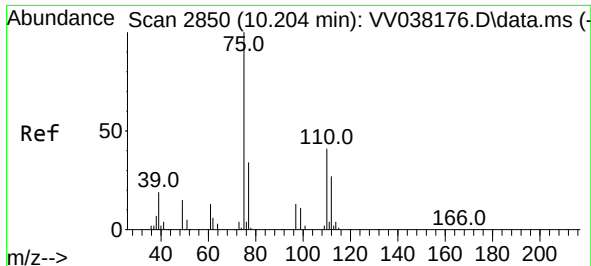
Tgt Ion:106 Resp: 437
Ion Ratio Lower Upper
106 100
91 139.9 155.5 288.7#



#57
1,1,2,2-Tetrachloroethane
Concen: 0.105 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VV038191.D
Acq: 19 Nov 2024 20:59

Tgt Ion: 83 Resp: 1488
Ion Ratio Lower Upper
83 100
85 86.5 45.7 84.9#
131 28.4 8.2 12.4#

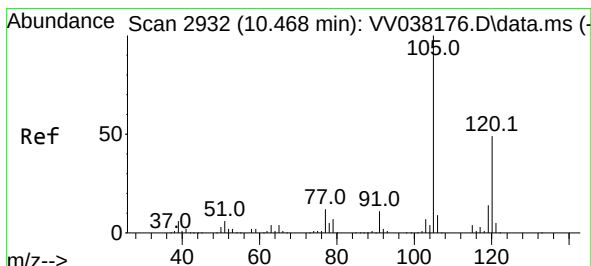
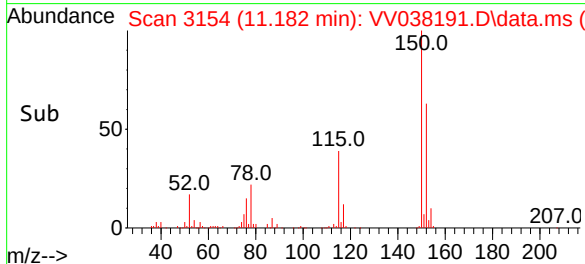
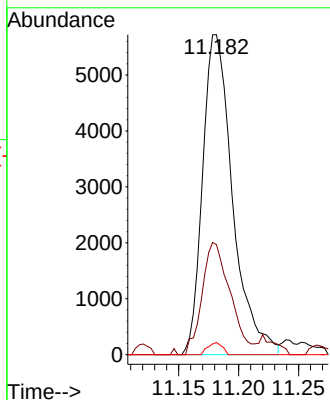
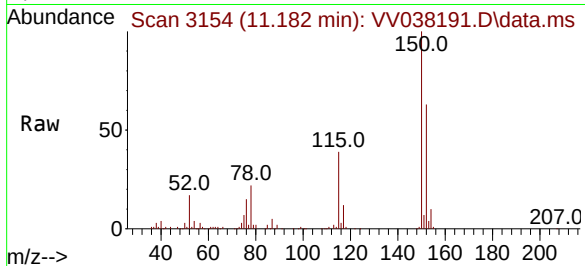




#61
1,2,3-Trichloropropane
Concen: 1.318 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.978 min
Lab File: VV038191.D
Acq: 19 Nov 2024 20:59

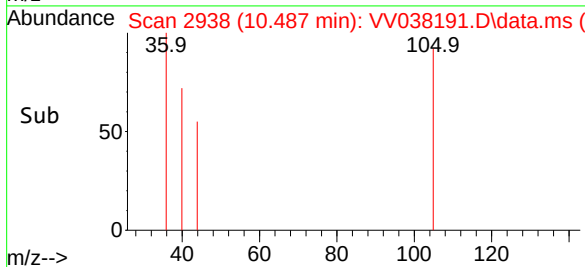
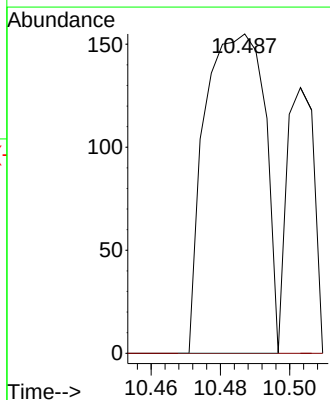
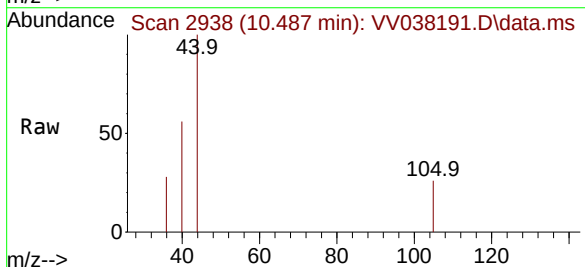
Instrument :
MSVOA_V
ClientSampleId :

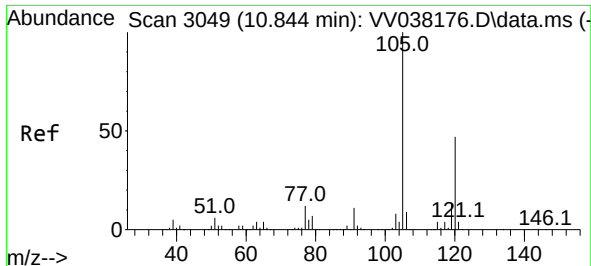
Tgt Ion: 75 Resp: 9981
Ion Ratio Lower Upper
75 100
77 32.5 26.4 39.6
110 1.8 32.3 48.5#



#62
1,3,5-Trimethylbenzene
Concen: 0.005 ug/L
RT: 10.487 min Scan# 2938
Delta R.T. 0.019 min
Lab File: VV038191.D
Acq: 19 Nov 2024 20:59

Tgt Ion: 105 Resp: 185
Ion Ratio Lower Upper
105 100
120 0.0 39.2 58.8#

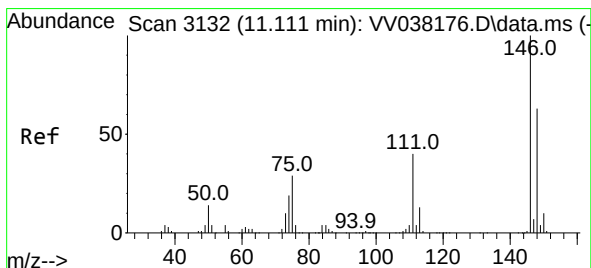
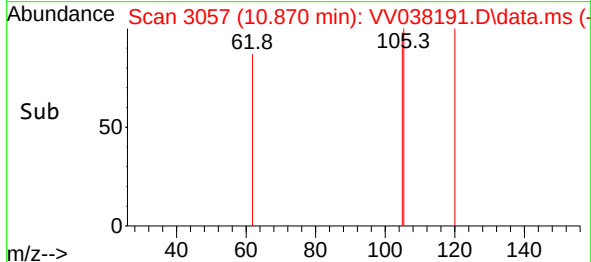
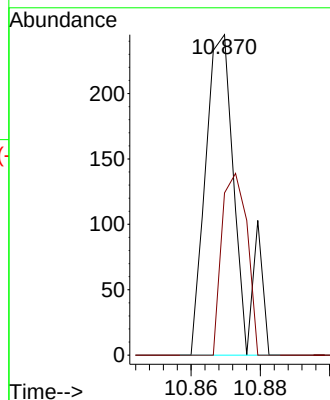
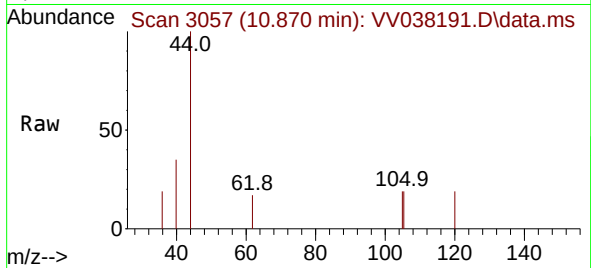




#63
 1,2,4-Trimethylbenzene
 Concen: 0.004 ug/L
 RT: 10.870 min Scan# 3049
 Delta R.T. 0.026 min
 Lab File: VV038191.D
 Acq: 19 Nov 2024 20:59

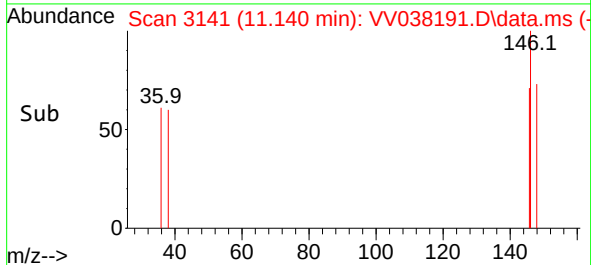
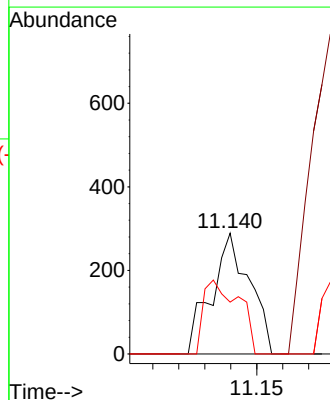
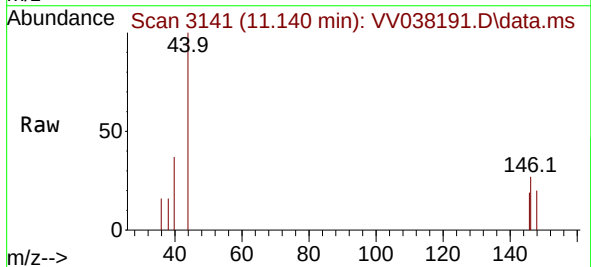
Instrument :
 MSVOA_V
 ClientSampleId :

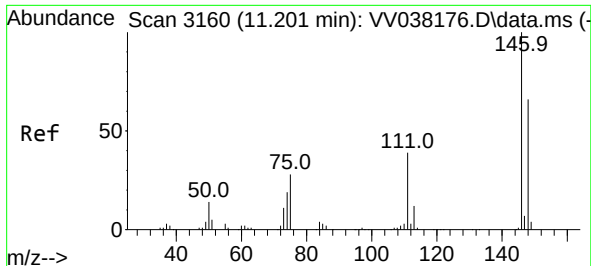
Tgt Ion:105 Resp: 154
 Ion Ratio Lower Upper
 105 100
 120 46.1 37.0 55.4



#64
 1,3-Dichlorobenzene
 Concen: 0.011 ug/L
 RT: 11.140 min Scan# 3141
 Delta R.T. 0.029 min
 Lab File: VV038191.D
 Acq: 19 Nov 2024 20:59

Tgt Ion:146 Resp: 294
 Ion Ratio Lower Upper
 146 100
 111 0.0 28.2 52.4#
 148 42.9 44.2 82.2#

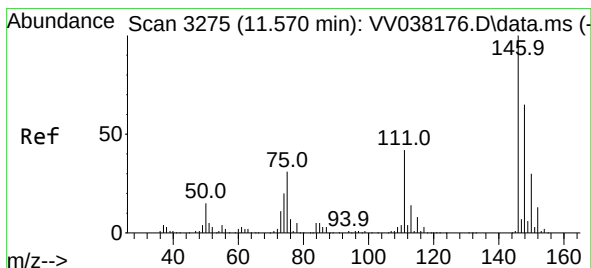
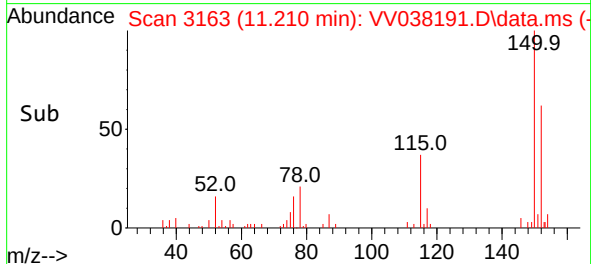
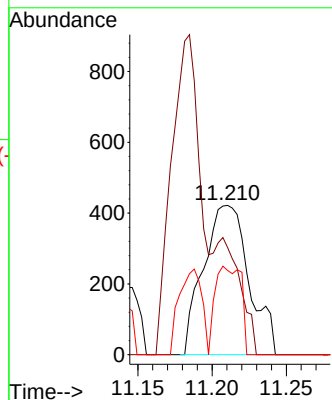
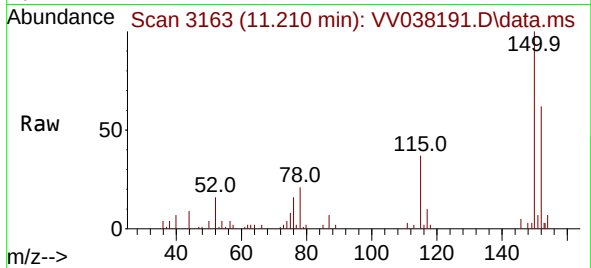




#65
1,4-Dichlorobenzene
Concen: 0.033 ug/L
RT: 11.210 min Scan# 3160
Delta R.T. 0.010 min
Lab File: VV038191.D
Acq: 19 Nov 2024 20:59

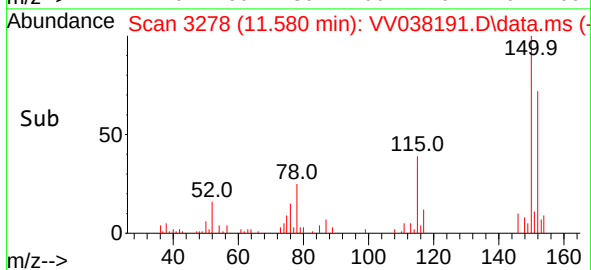
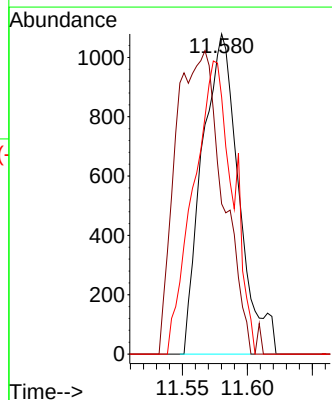
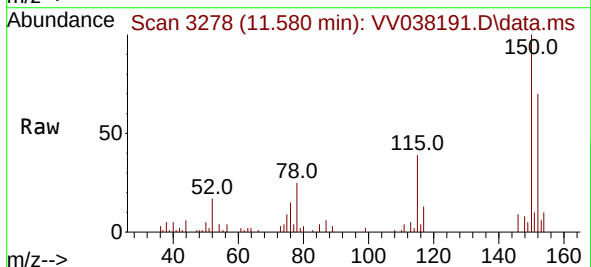
Instrument :
MSVOA_V
ClientSampleId :

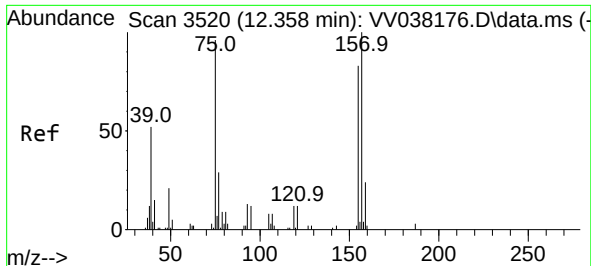
Tgt Ion:146 Resp: 902
Ion Ratio Lower Upper
146 100
111 71.6 27.4 50.8#
148 56.4 44.4 82.4



#67
1,2-Dichlorobenzene
Concen: 0.084 ug/L
RT: 11.580 min Scan# 3278
Delta R.T. 0.010 min
Lab File: VV038191.D
Acq: 19 Nov 2024 20:59

Tgt Ion:146 Resp: 2117
Ion Ratio Lower Upper
146 100
111 46.9 34.2 51.2
148 80.3 51.0 76.4#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.087 ug/L

RT: 12.198 min Scan# 34

Delta R.T. -0.161 min

Lab File: VV038191.D

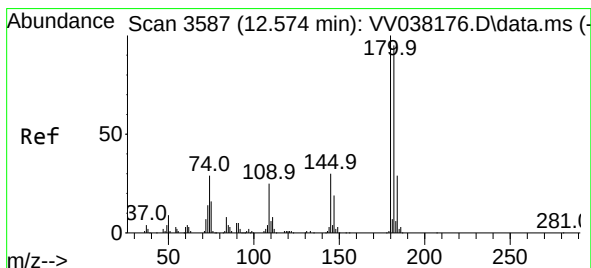
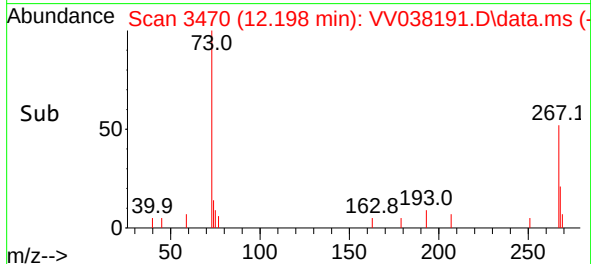
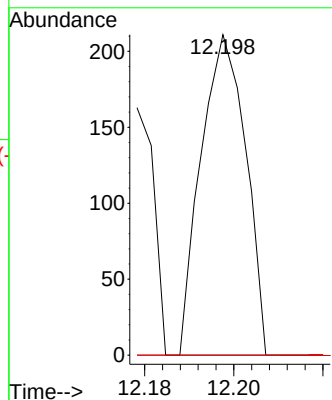
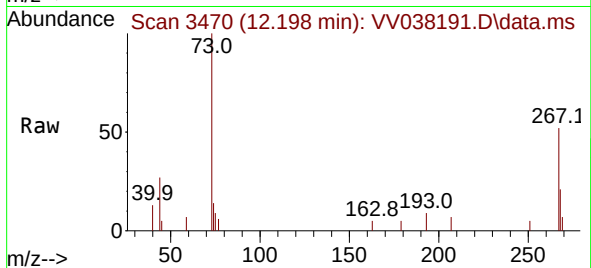
Acq: 19 Nov 2024 20:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 75	Resp:	147
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: 0.004 ug/L

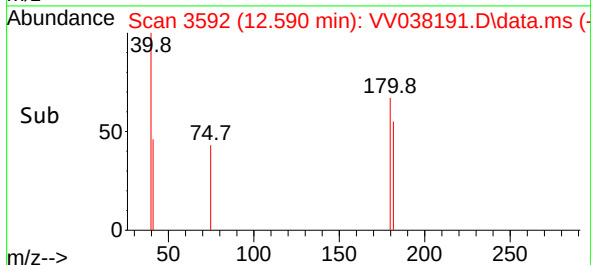
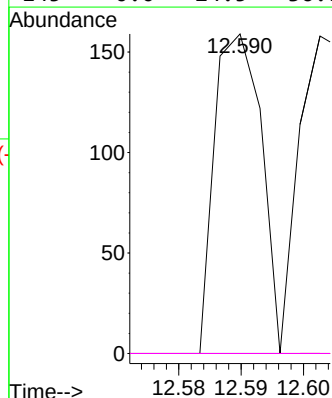
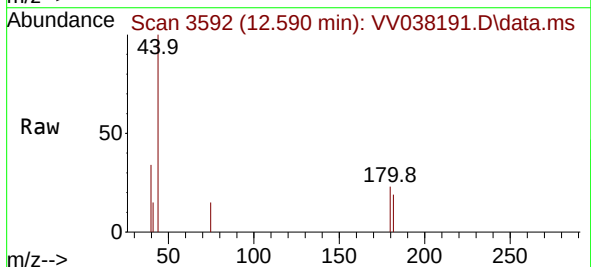
RT: 12.590 min Scan# 3592

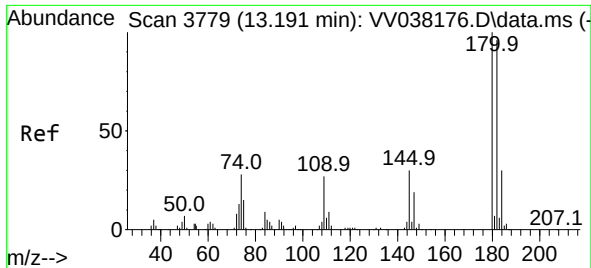
Delta R.T. 0.016 min

Lab File: VV038191.D

Acq: 19 Nov 2024 20:59

Tgt Ion: 180	Resp:	83
Ion Ratio	Lower	Upper
180	100	
182	0.0	76.0 114.0#
184	0.0	23.7 35.5#
145	0.0	24.5 36.7#

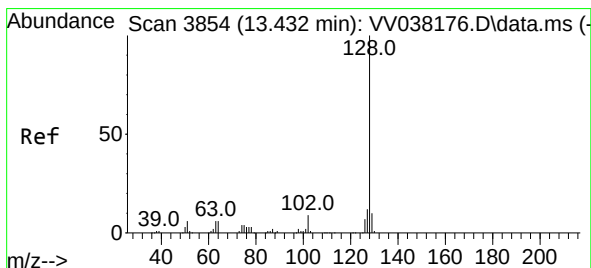
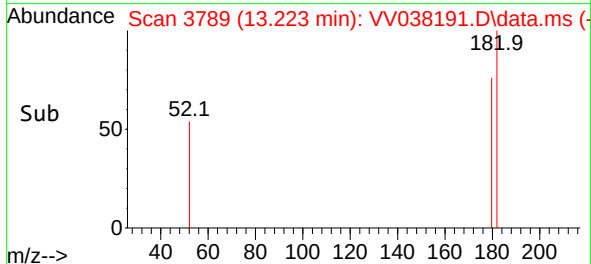
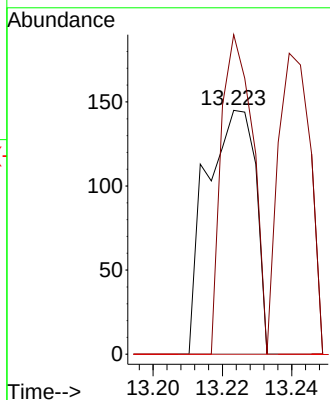
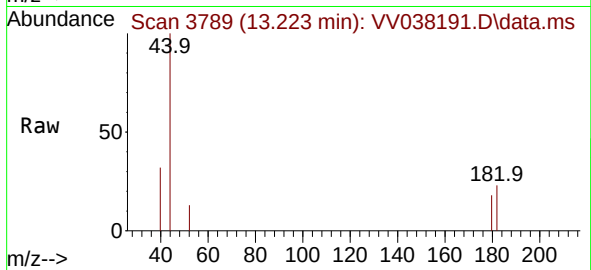




#70
1,2,4-trichlorobenzene
Concen: 0.009 ug/L
RT: 13.223 min Scan# 31
Delta R.T. 0.032 min
Lab File: VV038191.D
Acq: 19 Nov 2024 20:59

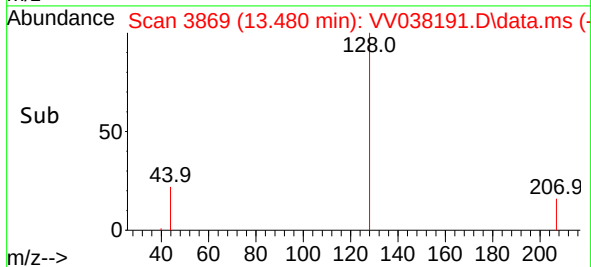
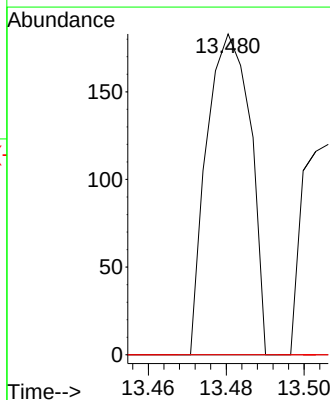
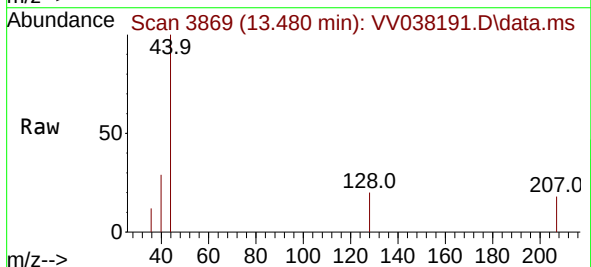
Instrument :
MSVOA_V
ClientSampleId :

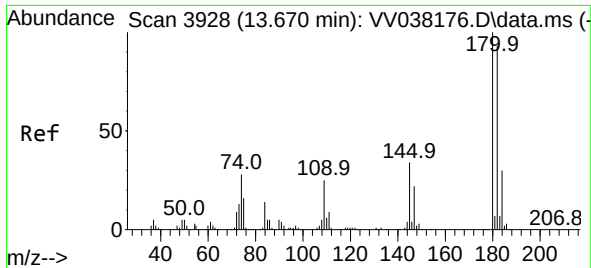
Tgt Ion:180 Resp: 143
Ion Ratio Lower Upper
180 100
182 83.9 73.8 110.8
145 0.0 24.6 37.0#



#71
Naphthalene
Concen: 0.006 ug/L
RT: 13.480 min Scan# 3869
Delta R.T. 0.048 min
Lab File: VV038191.D
Acq: 19 Nov 2024 20:59

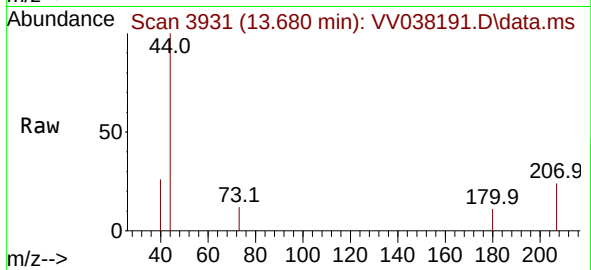
Tgt Ion:128 Resp: 143
Ion Ratio Lower Upper
128 100
129 0.0 8.5 12.7#
127 0.0 10.1 15.1#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.001 ug/L
 RT: 13.680 min Scan# 3928
 Delta R.T. 0.010 min
 Lab File: VV038191.D
 Acq: 19 Nov 2024 20:59

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 20
 Ion Ratio Lower Upper
 180 100
 182 0.0 75.1 112.7#
 145 0.0 27.0 40.4#

