

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038192.D
 Acq On : 19 Nov 2024 21:23
 Operator : SY/MD
 Sample : P4882-19
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 20 00:21:24 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	221663	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	247743	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	105460	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	79473	4.678	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.600%	
7) Chloroethane-d5	1.529	69	74440	5.416	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	108.400%	
11) 1,1-Dichloroethene-d2	2.053	65	36509	4.993	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.800%	
20) 2-Butanone-d5	3.780	46	175820	51.730	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.460%	
24) Chloroform-d	4.240	84	176092	5.340	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.800%	
26) 1,2-Dichloroethane-d4	4.937	65	90294	6.103	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	122.000%	
32) Benzene-d6	4.953	84	313610	4.898	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.000%	
36) 1,2-Dichloropropane-d6	5.982	67	106070	5.383	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	107.600%	
41) Toluene-d8	7.240	98	254813	4.301	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.000%	
43) trans-1,3-Dichloroprop...	7.555	79	34793	4.750	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.000%	
46) 2-Hexanone-d5	8.018	63	168617	59.216	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	118.440%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	93044	5.563	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	111.200%	
66) 1,2-Dichlorobenzene-d4	11.554	152	104488	5.815	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	116.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	379	0.018	ug/L #	51
3) Chloromethane	1.214	50	4788	0.265	ug/L	92
5) Vinyl chloride	1.275	62	438	0.021	ug/L #	1
6) Bromomethane	1.481	94	589	0.074	ug/L #	69
8) Chloroethane	1.536	64	199	0.015	ug/L #	66
9) Trichlorofluoromethane	1.709	101	2024	0.070	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	2984	0.180	ug/L #	70
12) 1,1-Dichloroethene	2.047	96	764	0.048	ug/L #	1
14) Carbon disulfide	2.236	76	995	0.020	ug/L #	65
15) Methyl Acetate	2.375	43	274	0.045	ug/L #	47
16) Methylene chloride	2.442	84	15865	0.879	ug/L	98
17) Methyl tert-butyl Ether	2.700	73	1319	0.037	ug/L #	74
18) trans-1,2-Dichloroethene	2.696	96	273	0.016	ug/L #	49
19) 1,1-Dichloroethane	3.114	63	1217	0.040	ug/L #	83
21) 2-Butanone	3.880	43	262	0.073	ug/L #	49
22) cis-1,2-Dichloroethene	3.809	96	4200	0.244	ug/L	94
25) Chloroform	4.285	83	2395	0.074	ug/L	76
27) 1,2-Dichloroethane	5.069	62	777	0.044	ug/L #	72
29) 1,1,1-Trichloroethane	4.507	97	19805	0.667	ug/L	98

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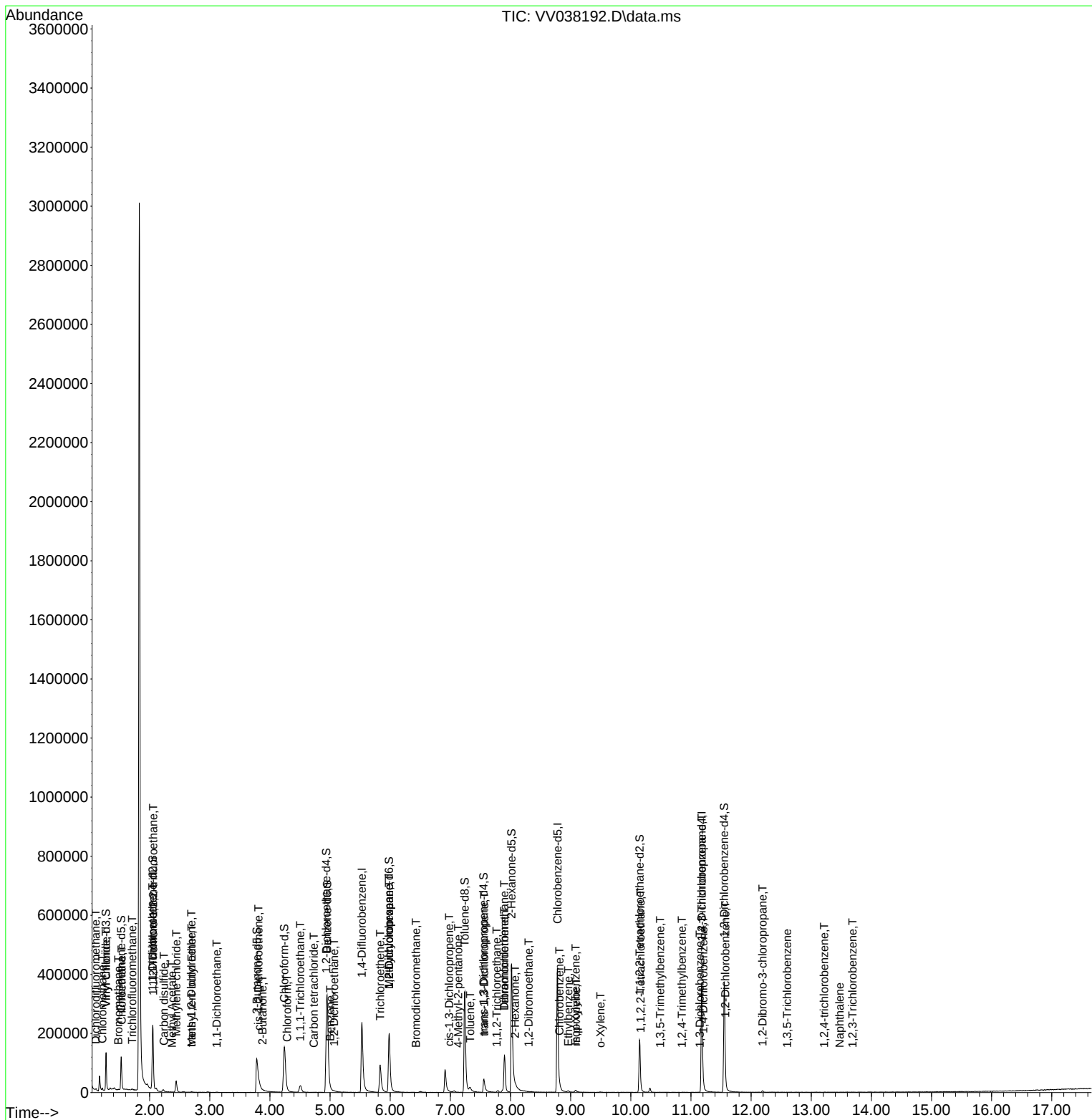
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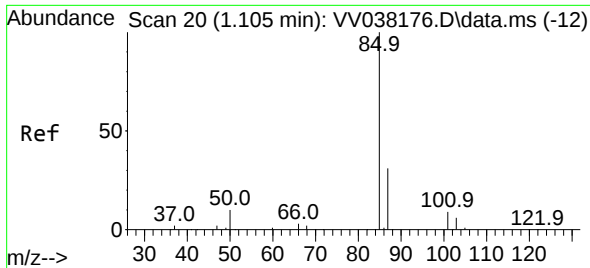
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

31) Carbon tetrachloride	4.732	117	102	0.004	ug/L #	1
33) Benzene	5.005	78	782	0.011	ug/L	100
34) Trichloroethene	5.834	95	37476	1.976	ug/L	98
35) Methylcyclohexane	5.982	83	26227	0.977	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	10554	0.605	ug/L #	85
38) Bromodichloromethane	6.429	83	92	0.004	ug/L #	26
39) cis-1,3-Dichloropropene	6.982	75	157	0.006	ug/L #	25
40) 4-Methyl-2-pentanone	7.133	43	143	0.016	ug/L #	41
42) Toluene	7.330	91	13370	0.181	ug/L	99
44) trans-1,3-Dichloropropene	7.564	75	985	0.048	ug/L	88
45) 1,1,2-Trichloroethane	7.770	97	51	0.004	ug/L #	7
47) Tetrachloroethene	7.899	164	31055	2.037	ug/L	98
48) 2-Hexanone	8.079	43	2277	0.344	ug/L #	37
49) Dibromochloromethane	7.899	129	29240	1.897	ug/L #	11
50) 1,2-Dibromoethane	8.301	107	43	0.003	ug/L #	5
51) Chlorobenzene	8.815	112	8226	0.162	ug/L	92
52) Ethylbenzene	8.960	91	3836	0.049	ug/L	96
53) m,p-Xylene	9.092	106	2371	0.080	ug/L	73
54) o-Xylene	9.497	106	328	0.011	ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.165	83	1528	0.092	ug/L #	57
60) Isopropylbenzene	9.085	105	1288	0.021	ug/L #	54
61) 1,2,3-Trichloropropane	11.181	75	12300	1.362	ug/L #	66
62) 1,3,5-Trimethylbenzene	10.490	105	190	0.004	ug/L #	28
63) 1,2,4-Trimethylbenzene	10.850	105	44	0.001	ug/L #	30
64) 1,3-Dichlorobenzene	11.146	146	377	0.012	ug/L #	58
65) 1,4-Dichlorobenzene	11.207	146	1149	0.035	ug/L #	76
67) 1,2-Dichlorobenzene	11.574	146	2784	0.092	ug/L #	79
68) 1,2-Dibromo-3-chloropr...	12.191	75	104	0.051	ug/L #	2
69) 1,3,5-Trichlorobenzene	12.599	180	45	0.002	ug/L #	19
70) 1,2,4-trichlorobenzene	13.217	180	55	0.003	ug/L #	34
71) Naphthalene	13.474	128	19	0.001	ug/L #	70
72) 1,2,3-Trichlorobenzene	13.686	180	19	0.001	ug/L #	13

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

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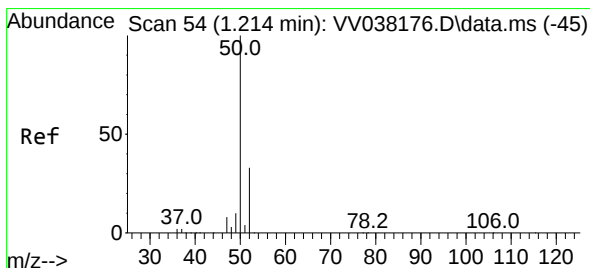
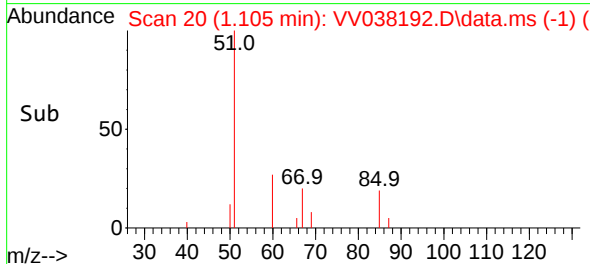
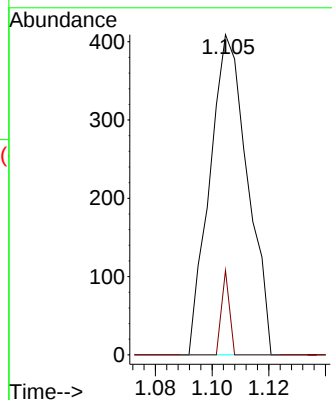
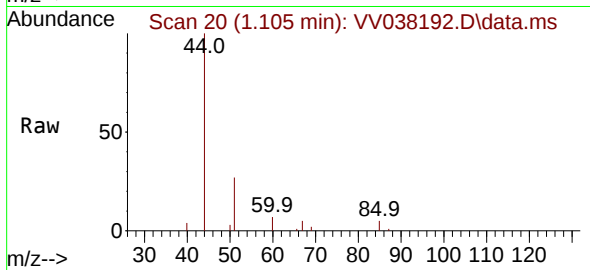




#2
 Dichlorodifluoromethane
 Concen: 0.018 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038192.D
 Acq: 19 Nov 2024 21:23

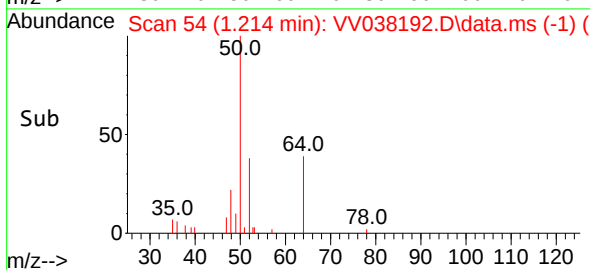
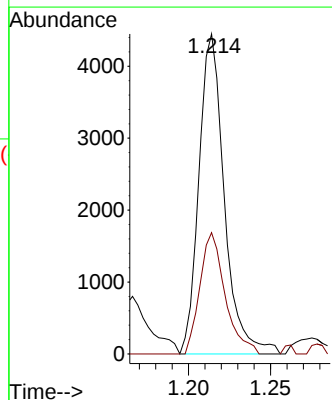
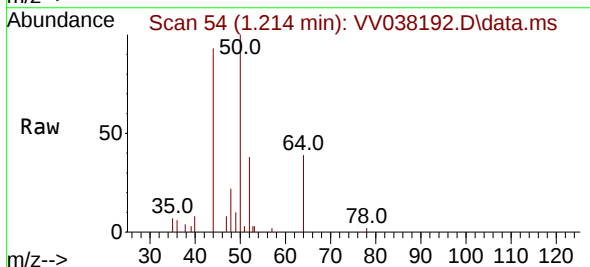
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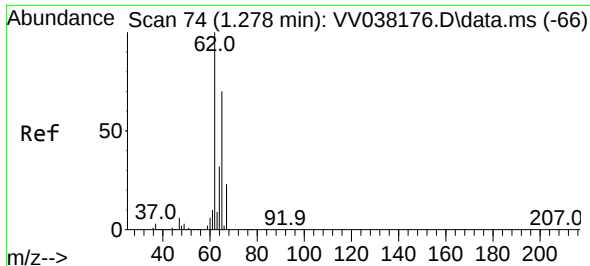
Tgt Ion: 85 Resp: 379
 Ion Ratio Lower Upper
 85 100
 87 5.5 26.5 39.7#



#3
 Chloromethane
 Concen: 0.265 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV038192.D
 Acq: 19 Nov 2024 21:23

Tgt Ion: 50 Resp: 4788
 Ion Ratio Lower Upper
 50 100
 52 37.9 23.5 43.7

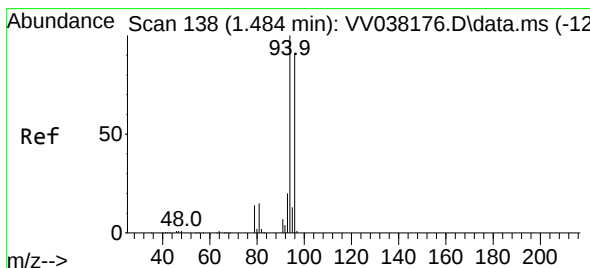
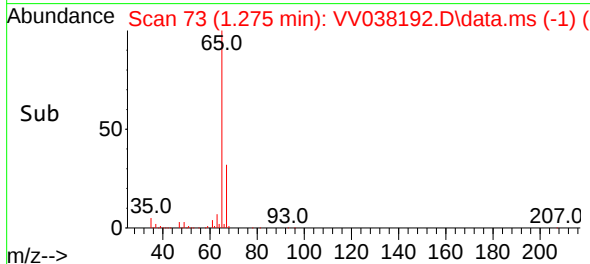
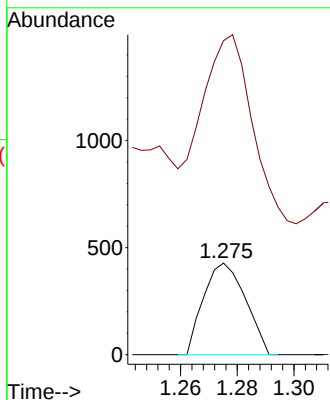
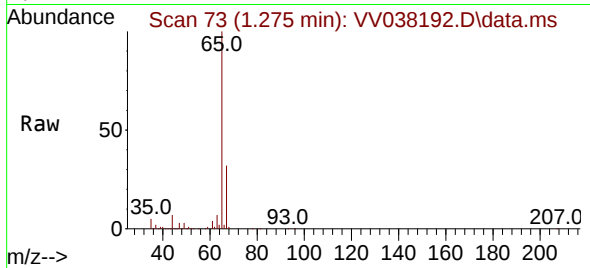




#5
 Vinyl chloride
 Concen: 0.021 ug/L
 RT: 1.275 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VV038192.D
 Acq: 19 Nov 2024 21:23

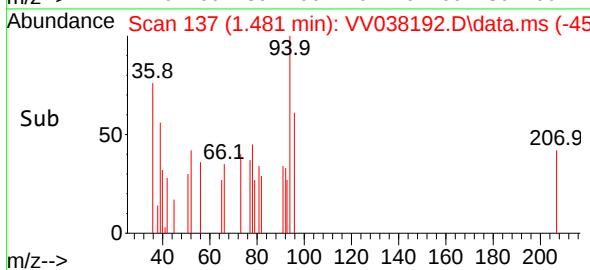
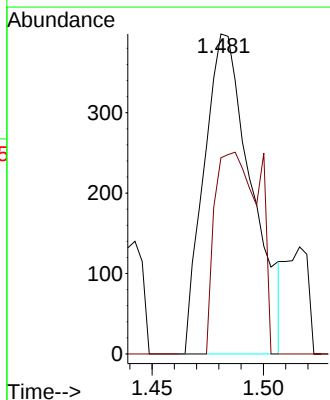
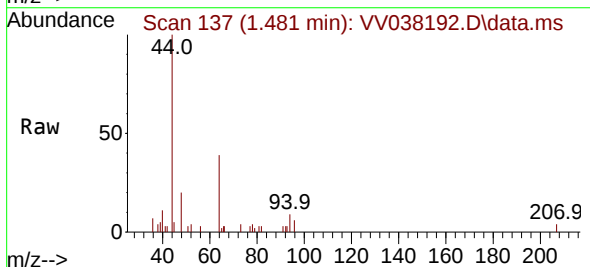
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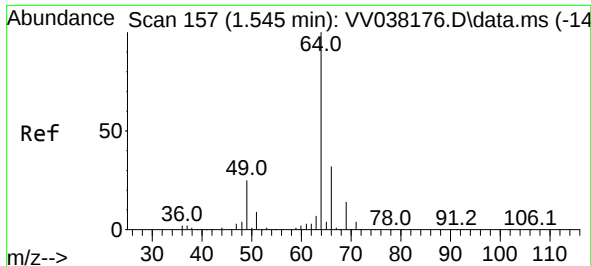
Tgt Ion: 62 Resp: 438
 Ion Ratio Lower Upper
 62 100
 64 342.5 24.4 45.4#



#6
 Bromomethane
 Concen: 0.074 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.003 min
 Lab File: VV038192.D
 Acq: 19 Nov 2024 21:23

Tgt Ion: 94 Resp: 589
 Ion Ratio Lower Upper
 94 100
 96 61.3 63.7 118.3#

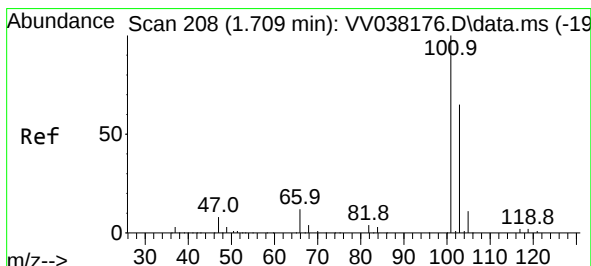
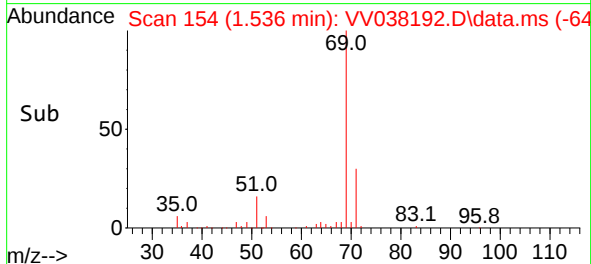
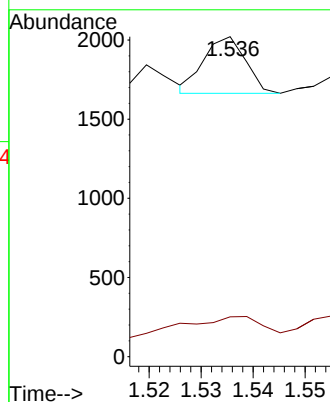
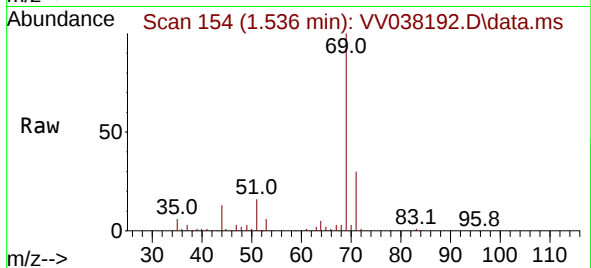




#8
Chloroethane
Concen: 0.015 ug/L
RT: 1.536 min Scan# 11
Delta R.T. -0.009 min
Lab File: VV038192.D
Acq: 19 Nov 2024 21:23

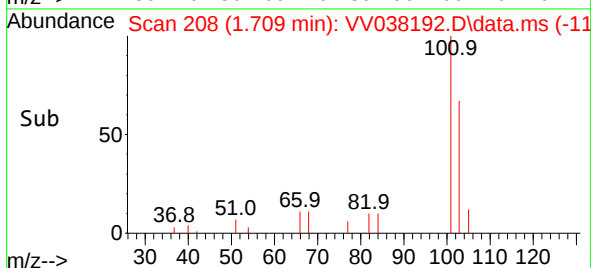
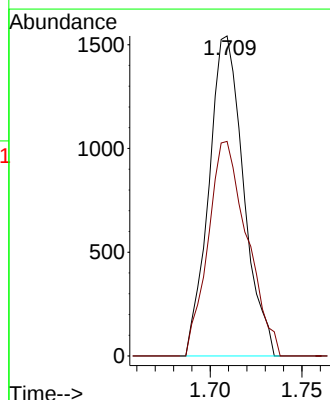
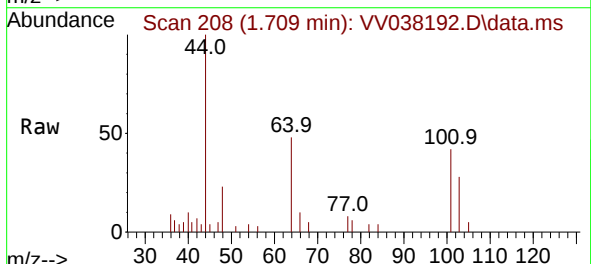
Instrument :
MSVOA_V
ClientSampleId :

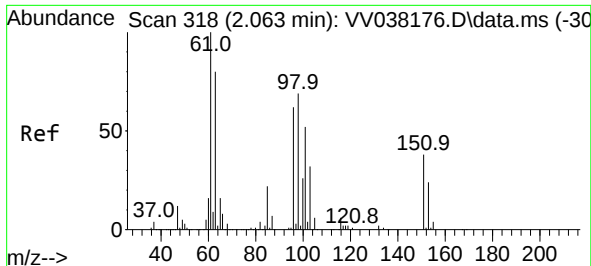
Tgt Ion: 64 Resp: 199
Ion Ratio Lower Upper
64 100
66 12.4 22.0 40.8#



#9
Trichlorofluoromethane
Concen: 0.070 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038192.D
Acq: 19 Nov 2024 21:23

Tgt Ion:101 Resp: 2024
Ion Ratio Lower Upper
101 100
103 75.6 51.5 77.3

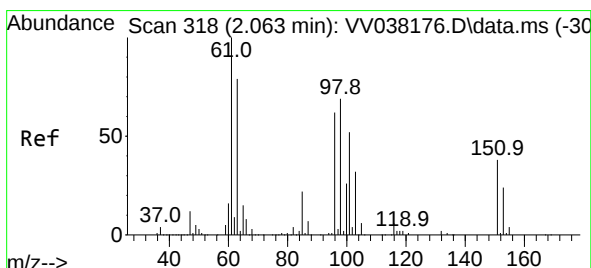
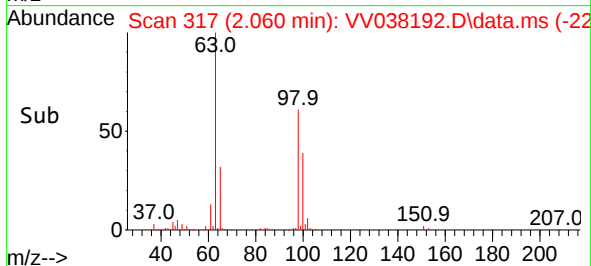
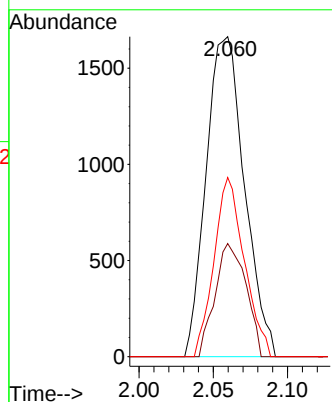
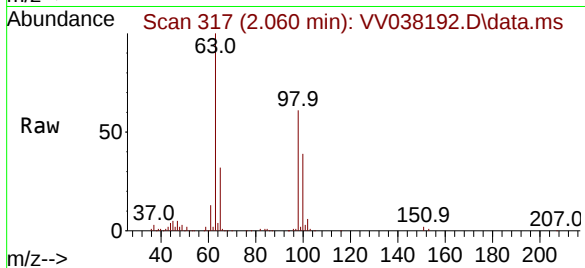




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.180 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.003 min
 Lab File: VV038192.D
 Acq: 19 Nov 2024 21:23

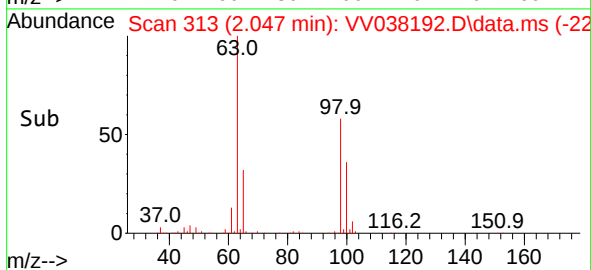
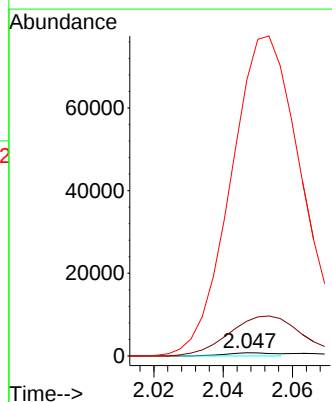
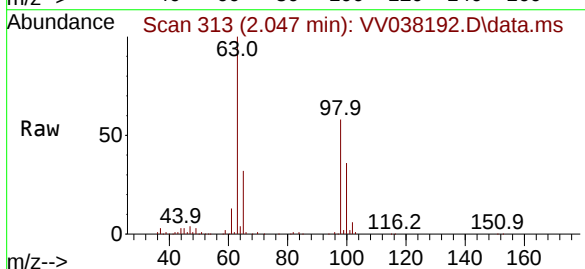
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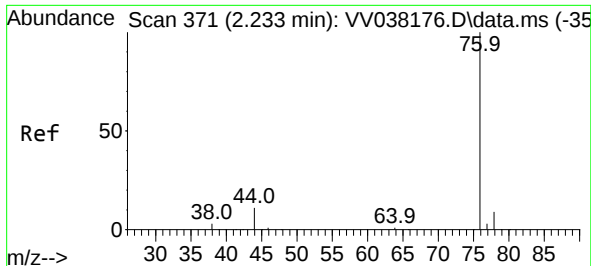
Tgt Ion:101 Resp: 2984
 Ion Ratio Lower Upper
 101 100
 85 28.5 33.4 50.0#
 151 44.3 58.8 88.2#



#12
 1,1-Dichloroethene
 Concen: 0.048 ug/L
 RT: 2.047 min Scan# 313
 Delta R.T. -0.016 min
 Lab File: VV038192.D
 Acq: 19 Nov 2024 21:23

Tgt Ion: 96 Resp: 764
 Ion Ratio Lower Upper
 96 100
 61 1085.9 115.7 214.9#
 63 8607.0 101.1 187.7#

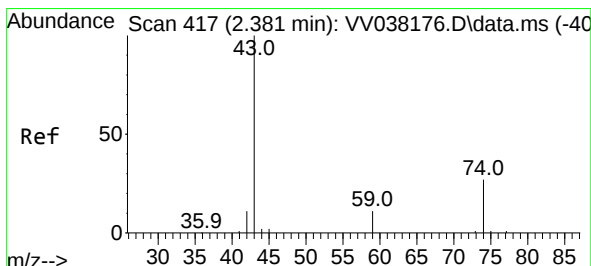
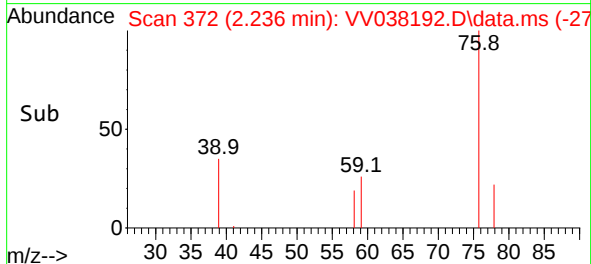
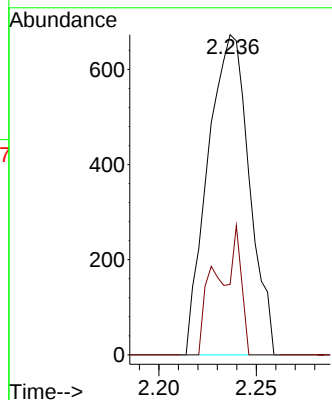
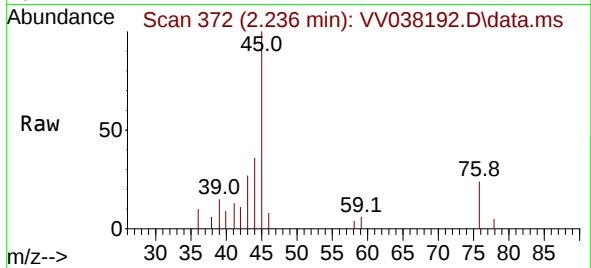




#14
Carbon disulfide
Concen: 0.020 ug/L
RT: 2.236 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038192.D
Acq: 19 Nov 2024 21:23

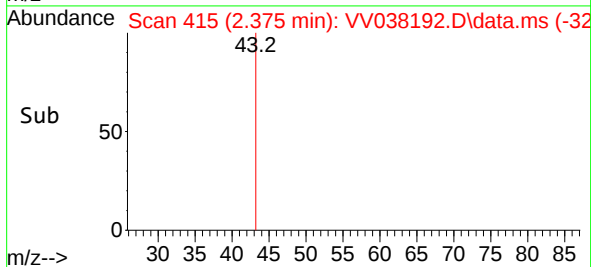
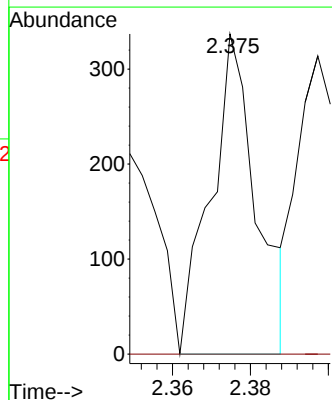
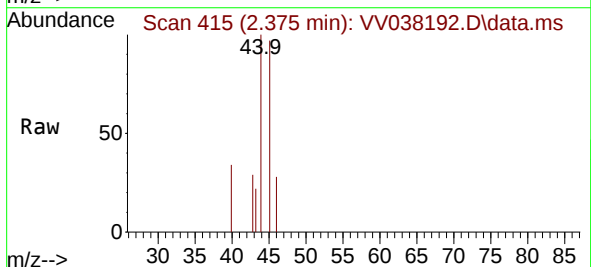
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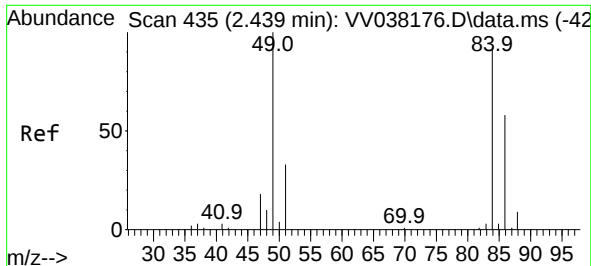
Tgt Ion: 76 Resp: 995
Ion Ratio Lower Upper
76 100
78 22.0 7.4 11.0#



#15
Methyl Acetate
Concen: 0.045 ug/L
RT: 2.375 min Scan# 415
Delta R.T. -0.006 min
Lab File: VV038192.D
Acq: 19 Nov 2024 21:23

Tgt Ion: 43 Resp: 274
Ion Ratio Lower Upper
43 100
74 0.0 22.4 33.6#

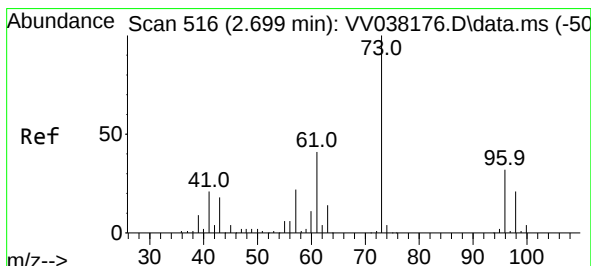
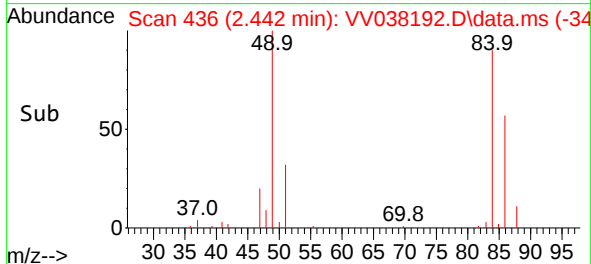
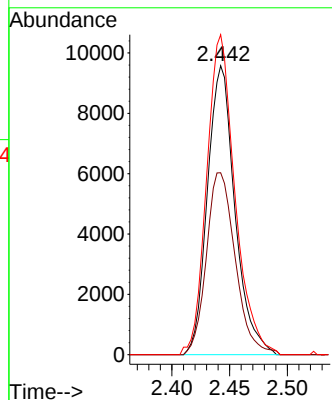
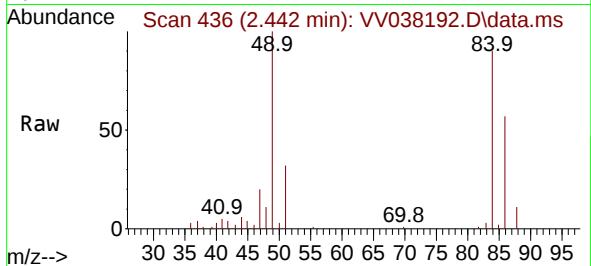




#16
Methylene chloride
Concen: 0.879 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV038192.D
Acq: 19 Nov 2024 21:23

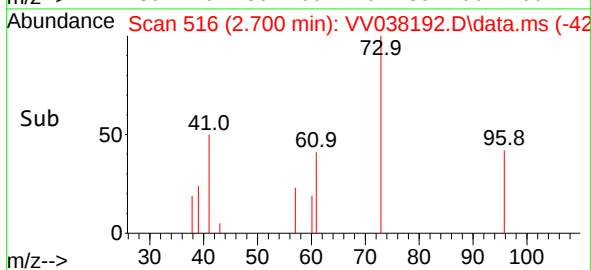
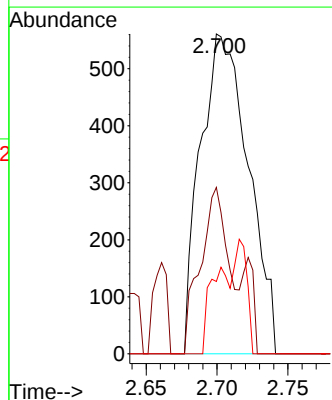
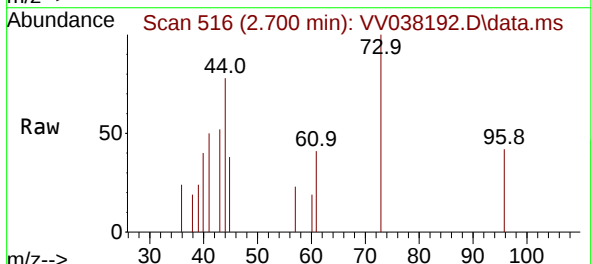
Instrument :
MSVOA_V
ClientSampleId :

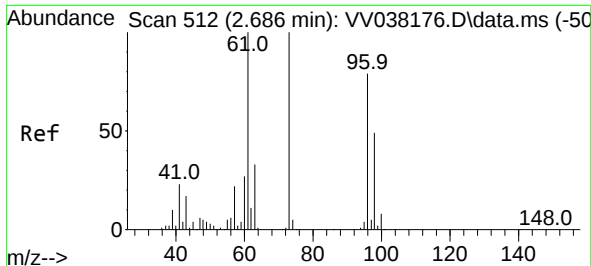
Tgt Ion: 84 Resp: 15865
Ion Ratio Lower Upper
84 100
86 63.0 44.2 82.2
49 110.7 74.9 139.1



#17
Methyl tert-butyl Ether
Concen: 0.037 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV038192.D
Acq: 19 Nov 2024 21:23

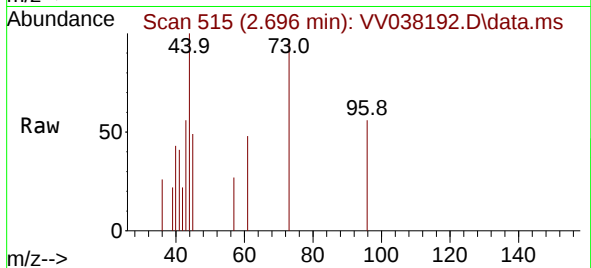
Tgt Ion: 73 Resp: 1319
Ion Ratio Lower Upper
73 100
43 31.2 14.2 21.2#
57 11.4 17.6 26.4#



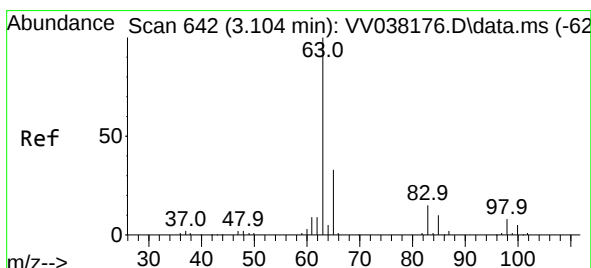
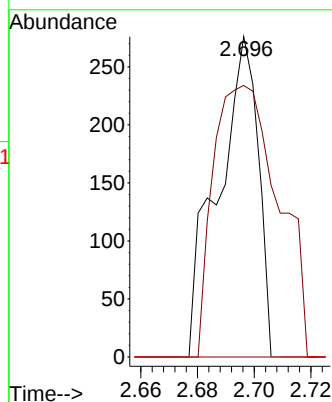
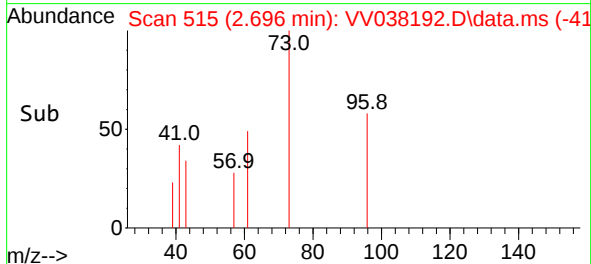


#18
trans-1,2-Dichloroethene
Concen: 0.016 ug/L
RT: 2.696 min Scan# 512
Delta R.T. 0.010 min
Lab File: VV038192.D
Acq: 19 Nov 2024 21:23

Instrument :
MSVOA_V
ClientSampleId :

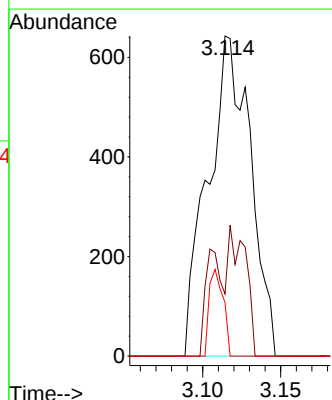
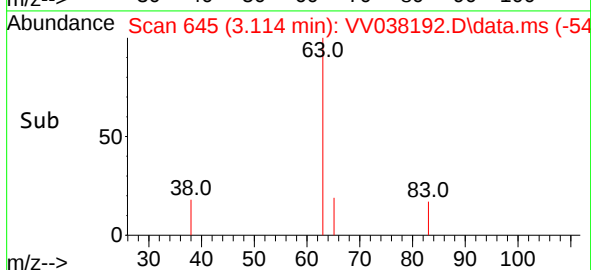
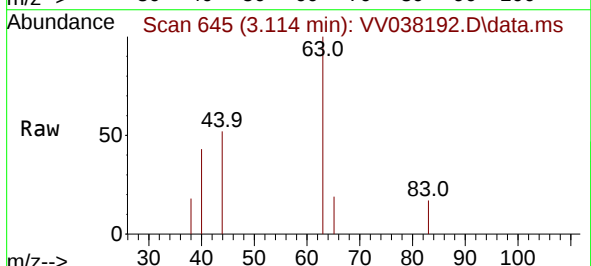


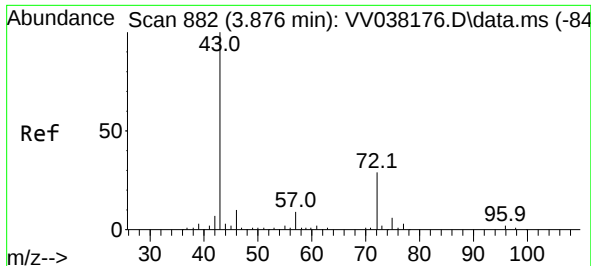
Tgt Ion: 96 Resp: 273
Ion Ratio Lower Upper
96 100
61 84.8 88.5 164.4#
98 0.0 43.9 81.5#



#19
1,1-Dichloroethane
Concen: 0.040 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.010 min
Lab File: VV038192.D
Acq: 19 Nov 2024 21:23

Tgt Ion: 63 Resp: 1217
Ion Ratio Lower Upper
63 100
65 19.4 22.5 41.7#
83 16.8 10.1 18.9

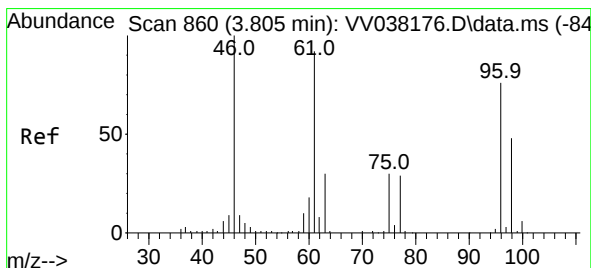
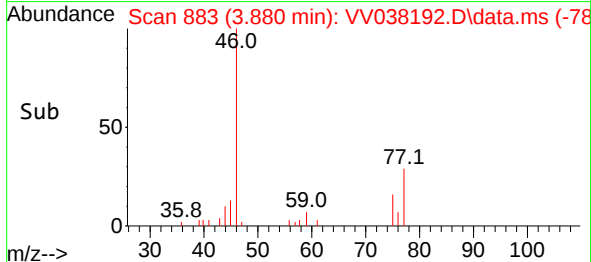
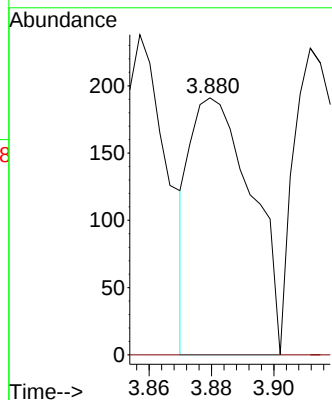
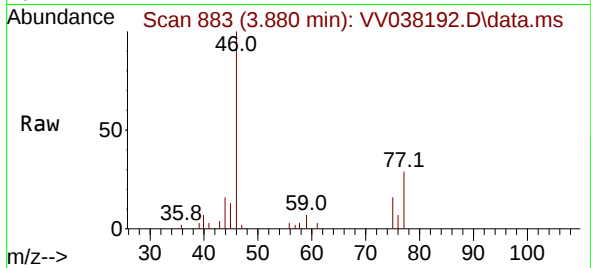




#21
2-Butanone
Concen: 0.073 ug/L
RT: 3.880 min Scan# 882
Delta R.T. 0.003 min
Lab File: VV038192.D
Acq: 19 Nov 2024 21:23

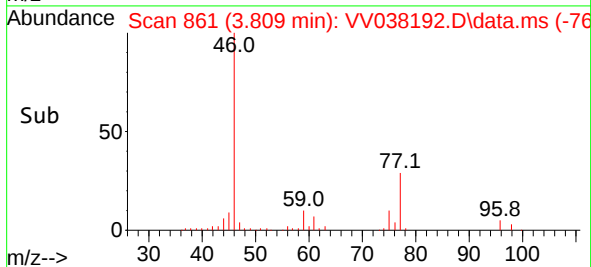
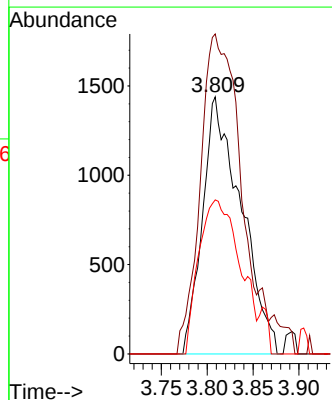
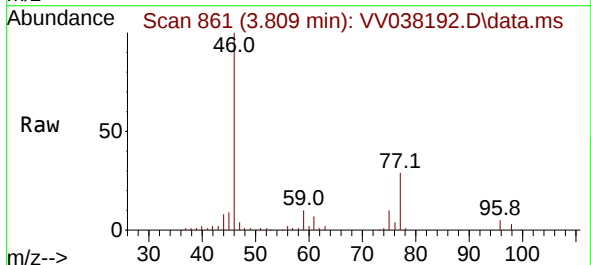
Instrument :
MSVOA_V
ClientSampleId :

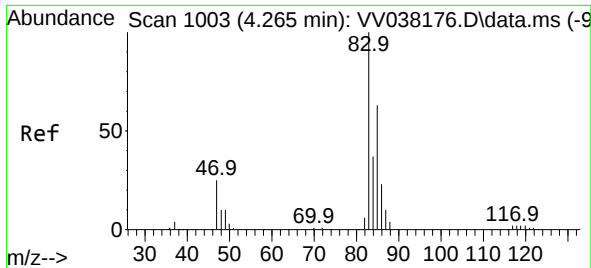
Tgt Ion: 43 Resp: 262
Ion Ratio Lower Upper
43 100
72 0.0 13.0 39.0#



#22
cis-1,2-Dichloroethene
Concen: 0.244 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV038192.D
Acq: 19 Nov 2024 21:23

Tgt Ion: 96 Resp: 4200
Ion Ratio Lower Upper
96 100
61 124.5 82.7 153.5
98 59.9 46.3 85.9

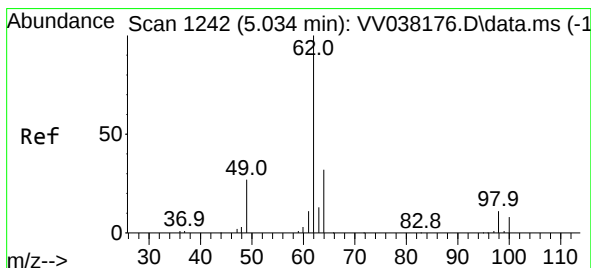
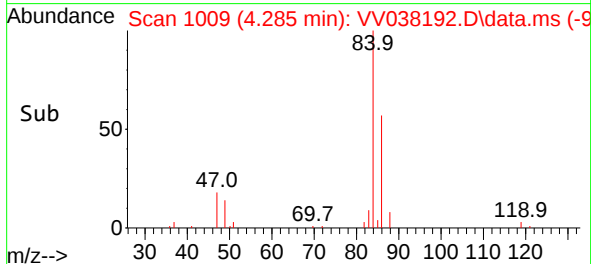
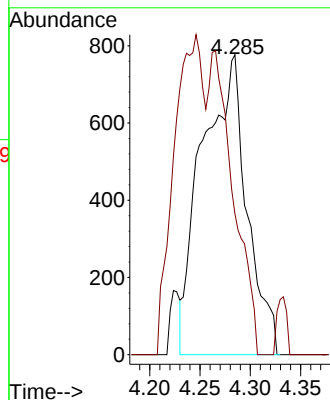
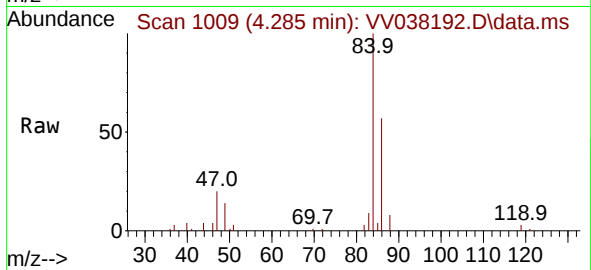




#25
Chloroform
Concen: 0.074 ug/L
RT: 4.285 min Scan# 10
Delta R.T. 0.019 min
Lab File: VV038192.D
Acq: 19 Nov 2024 21:23

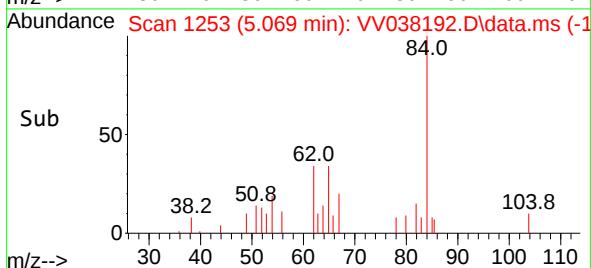
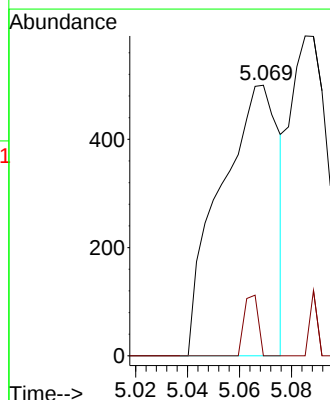
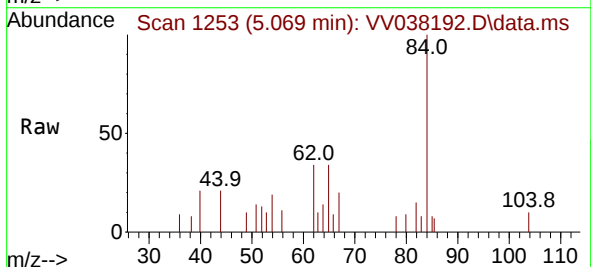
Instrument :
MSVOA_V
ClientSampleId :

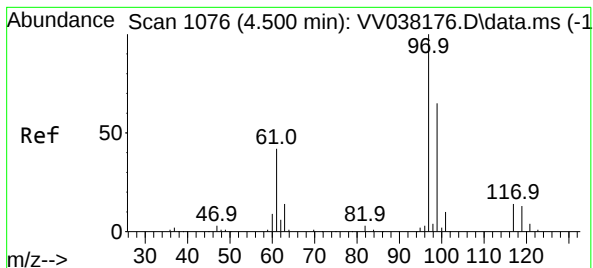
Tgt Ion: 83 Resp: 2395
Ion Ratio Lower Upper
83 100
85 47.0 46.5 86.3



#27
1,2-Dichloroethane
Concen: 0.044 ug/L
RT: 5.069 min Scan# 1253
Delta R.T. 0.036 min
Lab File: VV038192.D
Acq: 19 Nov 2024 21:23

Tgt Ion: 62 Resp: 777
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#





#29

1,1,1-Trichloroethane

Concen: 0.667 ug/L

RT: 4.507 min Scan# 1107

Delta R.T. 0.007 min

Lab File: VV038192.D

Acq: 19 Nov 2024 21:23

Instrument :

MSVOA_V

ClientSampleId :

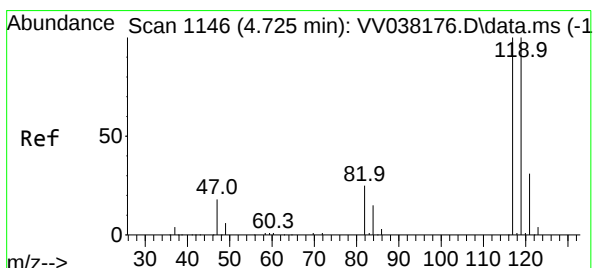
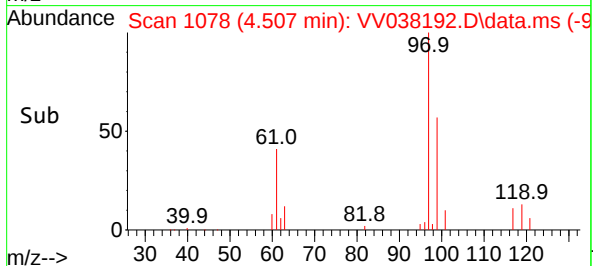
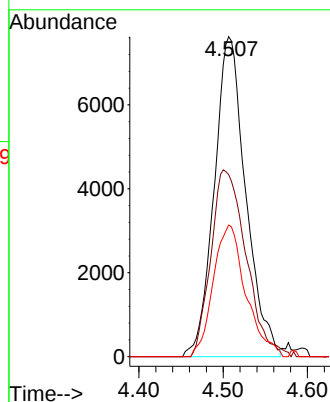
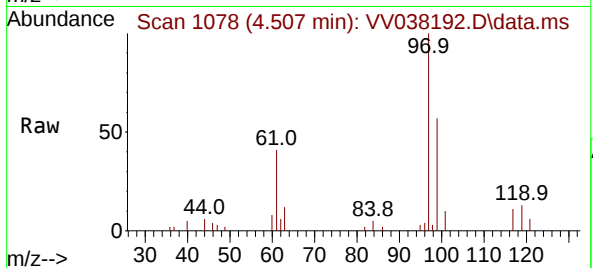
Tgt Ion: 97 Resp: 19805

Ion Ratio Lower Upper

97 100

99 65.0 51.8 77.8

61 42.5 32.2 48.2



#31

Carbon tetrachloride

Concen: 0.004 ug/L

RT: 4.732 min Scan# 1148

Delta R.T. 0.007 min

Lab File: VV038192.D

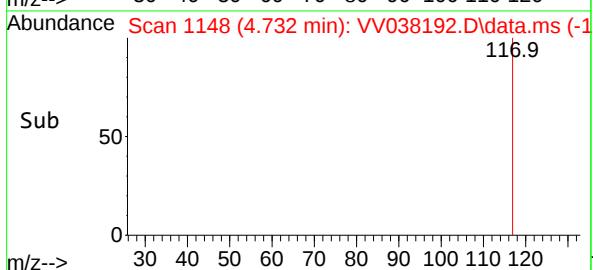
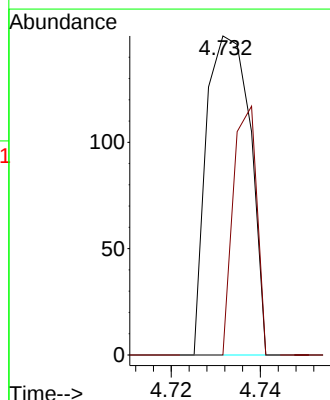
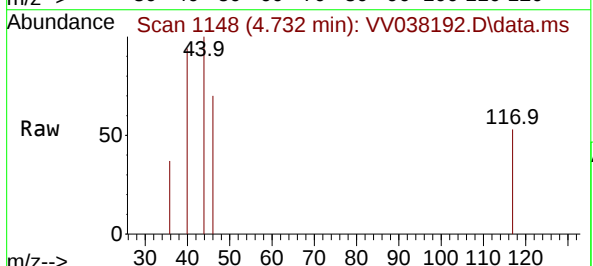
Acq: 19 Nov 2024 21:23

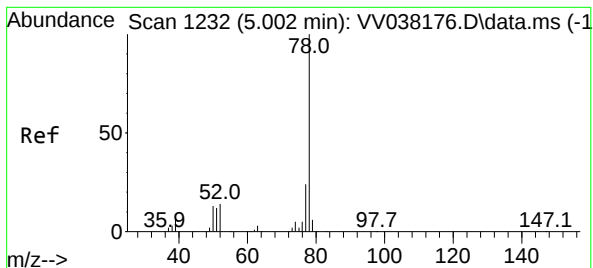
Tgt Ion: 117 Resp: 102

Ion Ratio Lower Upper

117 100

119 0.0 77.4 116.2#





#33

Benzene

Concen: 0.011 ug/L

RT: 5.005 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038192.D

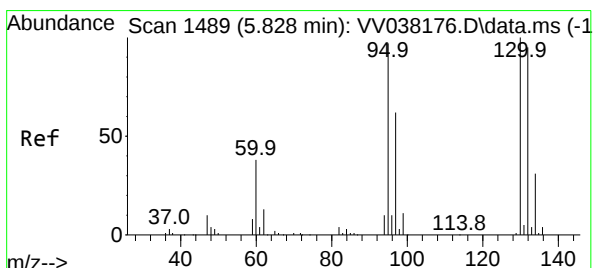
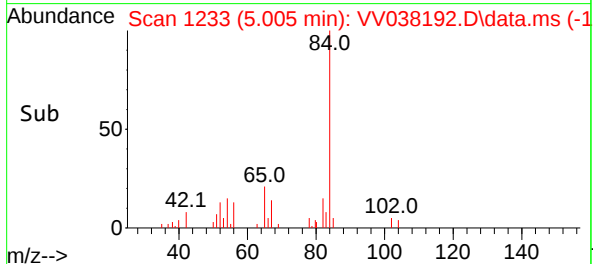
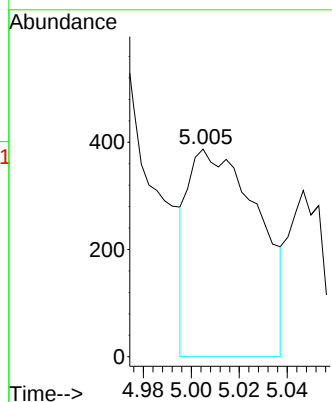
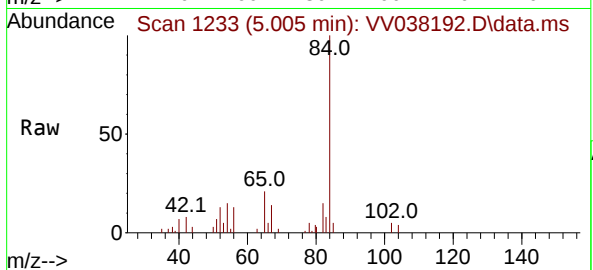
Acq: 19 Nov 2024 21:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 782



#34

Trichloroethene

Concen: 1.976 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.007 min

Lab File: VV038192.D

Acq: 19 Nov 2024 21:23

Tgt Ion: 95 Resp: 37476

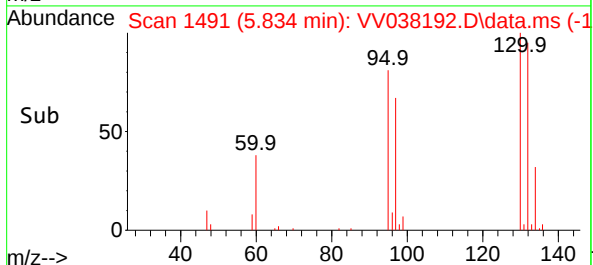
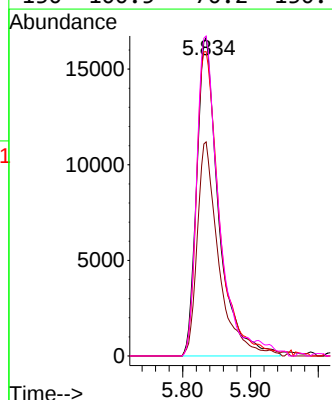
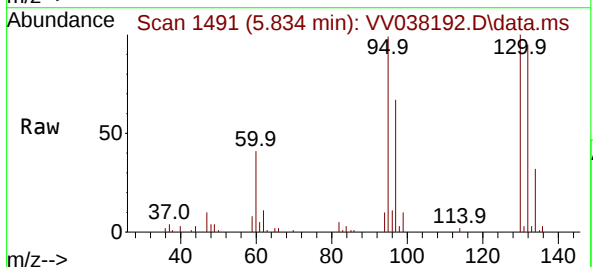
Ion Ratio Lower Upper

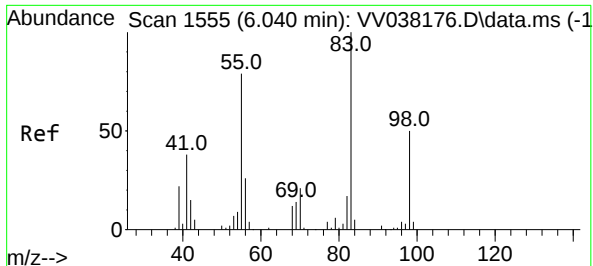
95 100

97 67.3 44.8 83.2

132 95.6 68.3 126.8

130 100.5 70.2 130.4

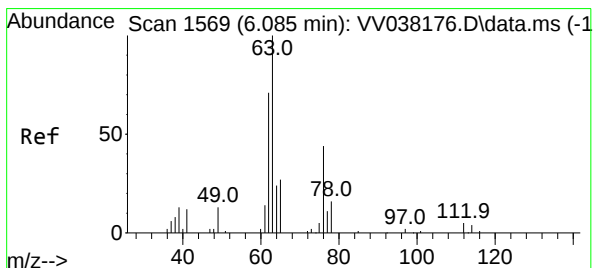
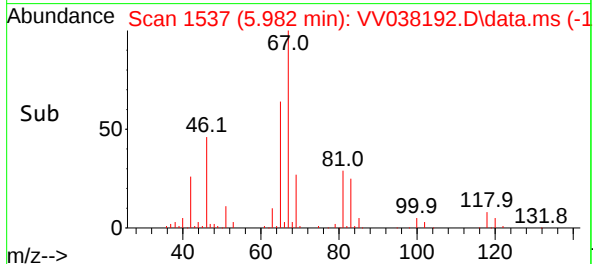
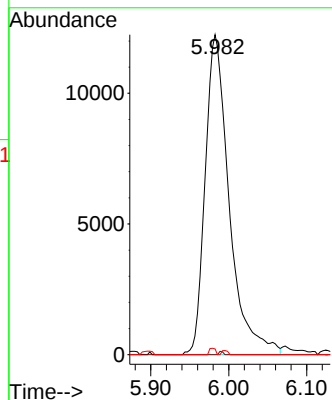
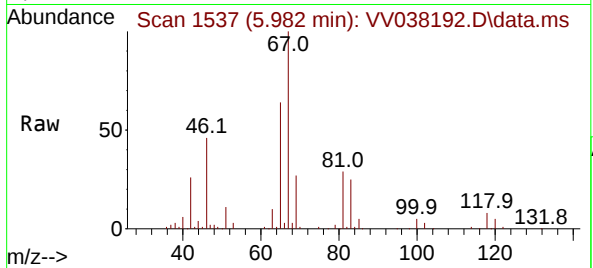




#35
Methylcyclohexane
Concen: 0.977 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038192.D
Acq: 19 Nov 2024 21:23

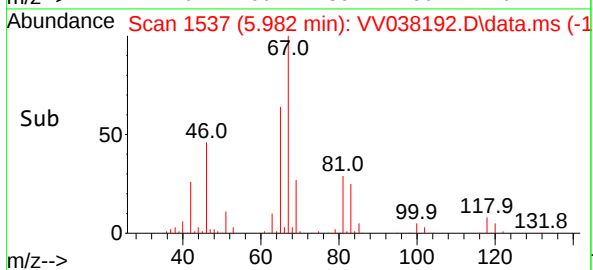
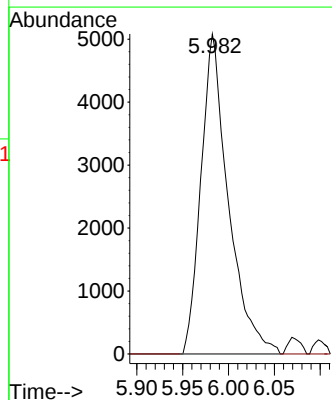
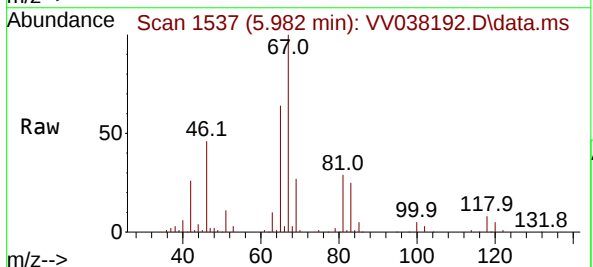
Instrument :
MSVOA_V
ClientSampleId :

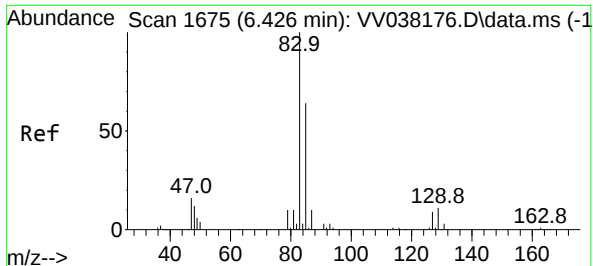
Tgt Ion: 83 Resp: 26227
Ion Ratio Lower Upper
83 100
55 0.0 59.7 89.5#
98 0.5 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.605 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.103 min
Lab File: VV038192.D
Acq: 19 Nov 2024 21:23

Tgt Ion: 63 Resp: 10554
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#





#38

Bromodichloromethane

Concen: 0.004 ug/L

RT: 6.429 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038192.D

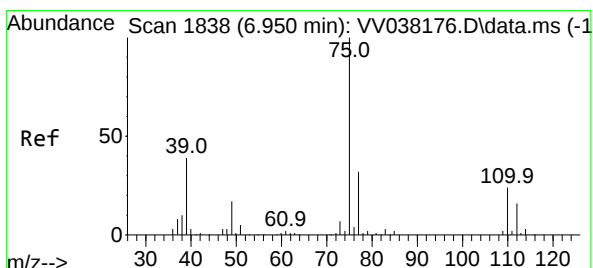
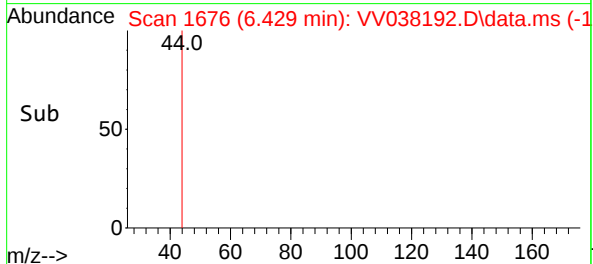
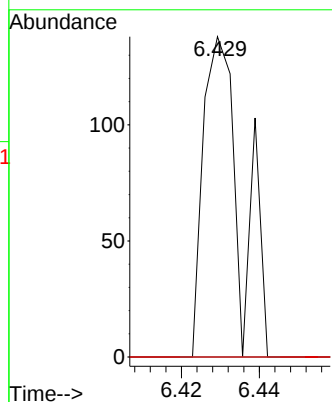
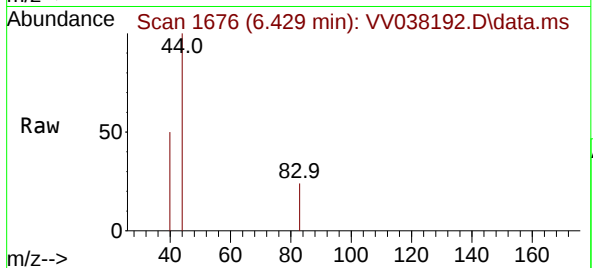
Acq: 19 Nov 2024 21:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp:	92
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: 0.006 ug/L

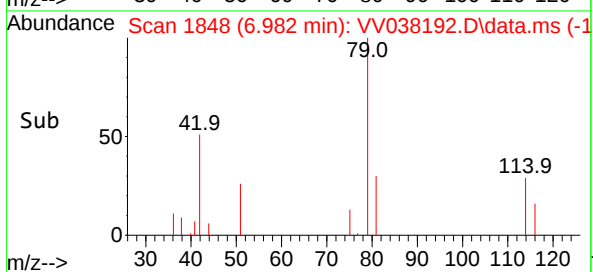
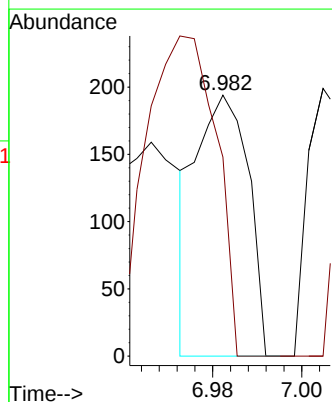
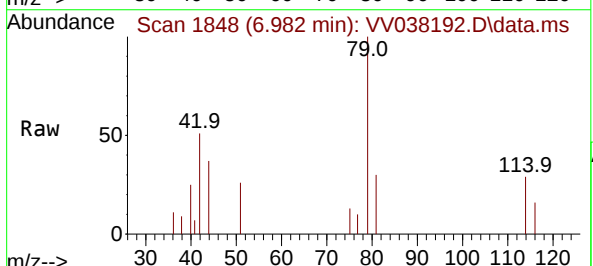
RT: 6.982 min Scan# 1848

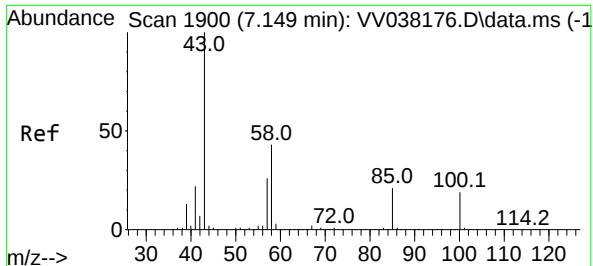
Delta R.T. 0.032 min

Lab File: VV038192.D

Acq: 19 Nov 2024 21:23

Tgt Ion: 75	Resp:	157
Ion Ratio	Lower	Upper
75	100	
77	76.3	23.4 43.6#





#40

4-Methyl-2-pentanone

Concen: 0.016 ug/L

RT: 7.133 min Scan# 11

Delta R.T. -0.016 min

Lab File: VV038192.D

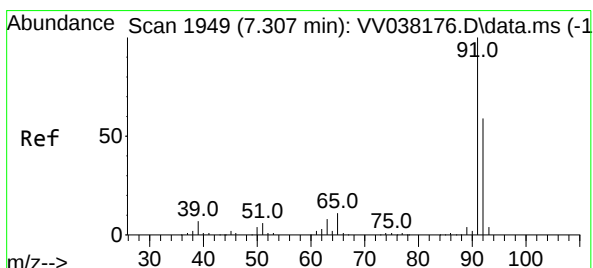
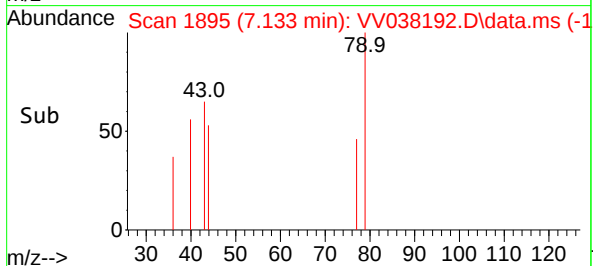
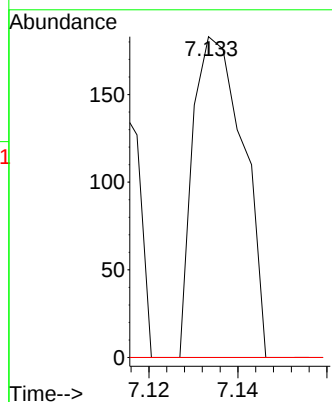
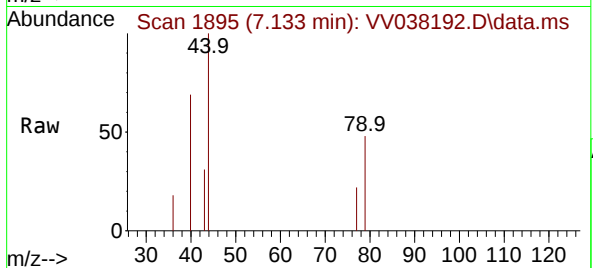
Acq: 19 Nov 2024 21:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43	Resp:	143
Ion	Ratio	Lower Upper
43	100	
58	0.0	33.4 50.2#
100	0.0	14.3 21.5#



#42

Toluene

Concen: 0.181 ug/L

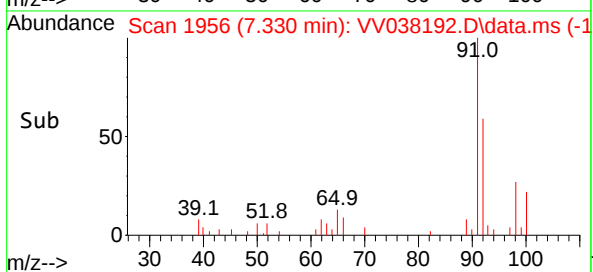
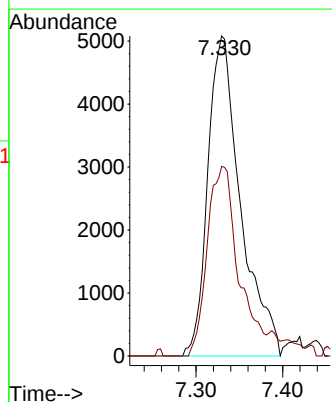
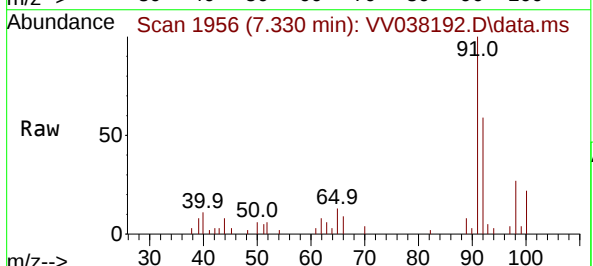
RT: 7.330 min Scan# 1956

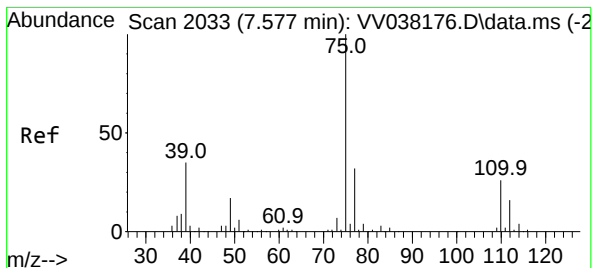
Delta R.T. 0.023 min

Lab File: VV038192.D

Acq: 19 Nov 2024 21:23

Tgt Ion: 91	Resp:	13370
Ion	Ratio	Lower Upper
91	100	
92	59.3	40.8 75.8





#44

trans-1,3-Dichloropropene

Concen: 0.048 ug/L

RT: 7.564 min Scan# 2033

Delta R.T. -0.013 min

Lab File: VV038192.D

Acq: 19 Nov 2024 21:23

Instrument :

MSVOA_V

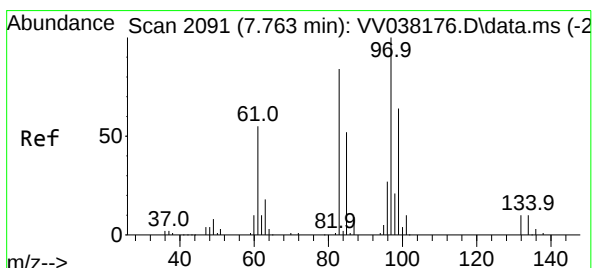
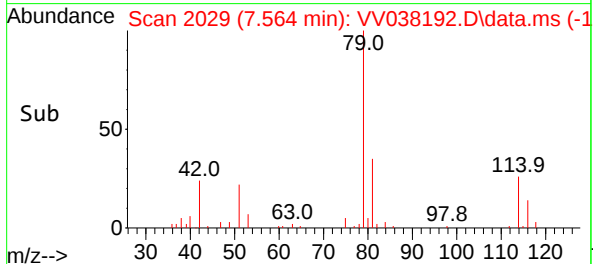
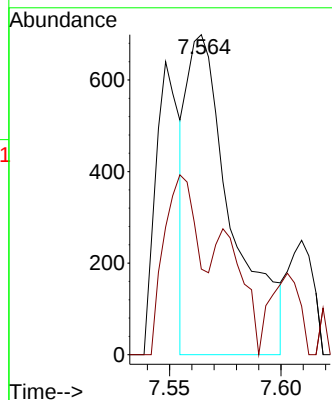
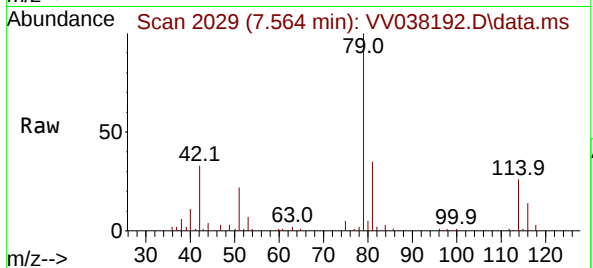
ClientSampleId :

Tgt Ion: 75 Resp: 985

Ion Ratio Lower Upper

75 100

77 26.8 23.4 43.4



#45

1,1,2-Trichloroethane

Concen: 0.004 ug/L

RT: 7.770 min Scan# 2093

Delta R.T. 0.007 min

Lab File: VV038192.D

Acq: 19 Nov 2024 21:23

Tgt Ion: 97 Resp: 51

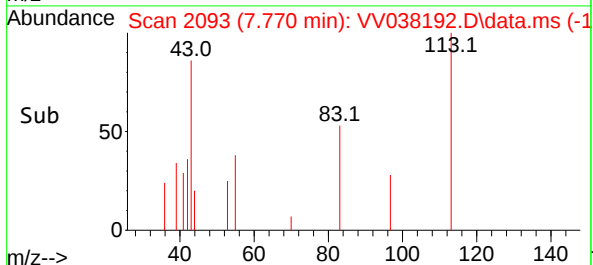
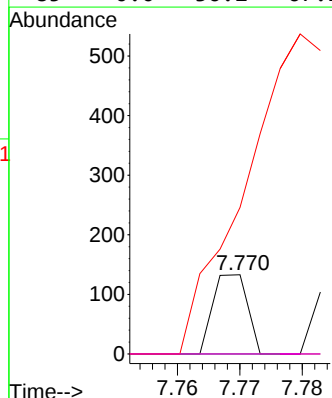
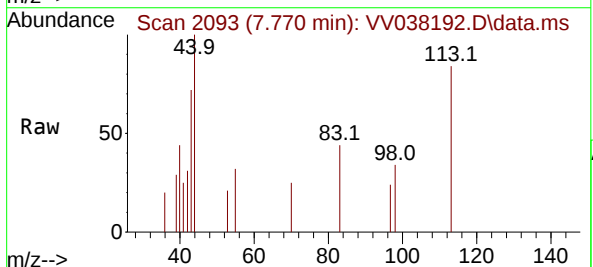
Ion Ratio Lower Upper

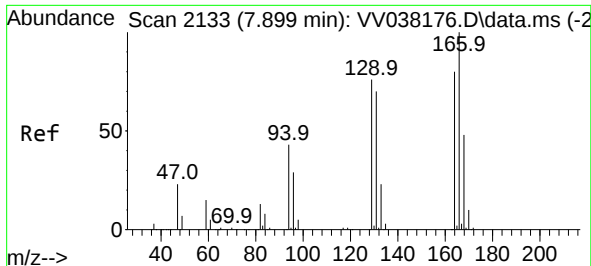
97 100

99 0.0 41.9 77.7#

83 185.0 57.7 107.1#

85 0.0 36.2 67.2#





#47

Tetrachloroethene

Concen: 2.037 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.000 min

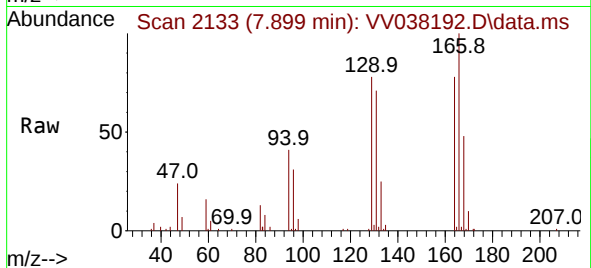
Lab File: VV038192.D

Acq: 19 Nov 2024 21:23

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 31055

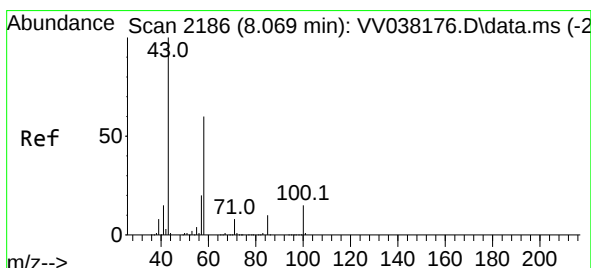
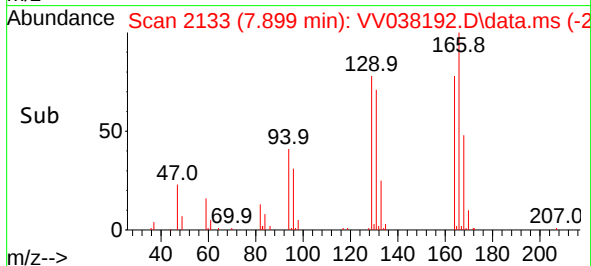
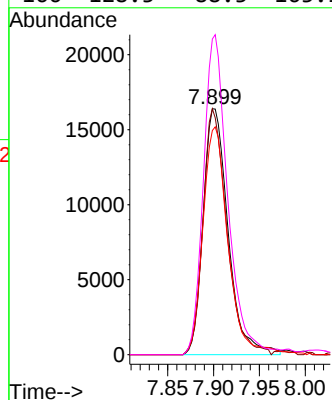
Ion Ratio Lower Upper

164 100

129 100.0 68.5 127.1

131 91.2 64.8 120.4

166 128.3 88.3 163.9



#48

2-Hexanone

Concen: 0.344 ug/L

RT: 8.079 min Scan# 2189

Delta R.T. 0.010 min

Lab File: VV038192.D

Acq: 19 Nov 2024 21:23

Tgt Ion: 43 Resp: 2277

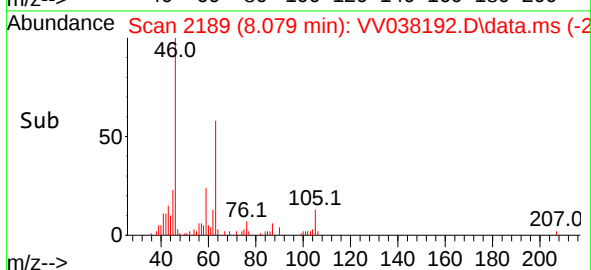
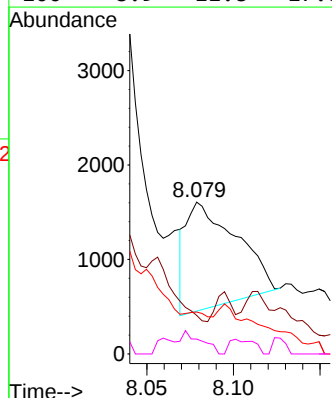
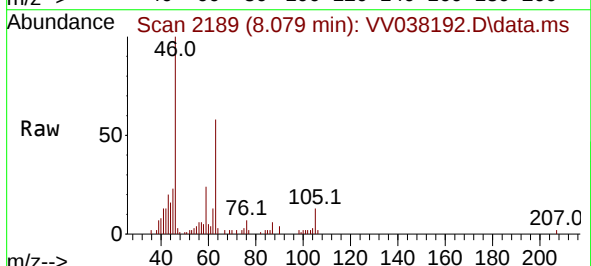
Ion Ratio Lower Upper

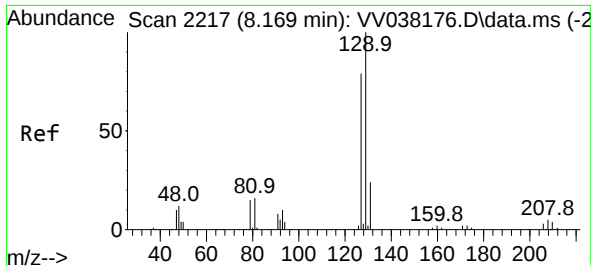
43 100

58 0.0 49.2 73.8#

57 0.0 16.9 25.3#

100 8.9 11.8 17.8#





#49

Dibromochloromethane

Concen: 1.897 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.270 min

Lab File: VV038192.D

Acq: 19 Nov 2024 21:23

Instrument :

MSVOA_V

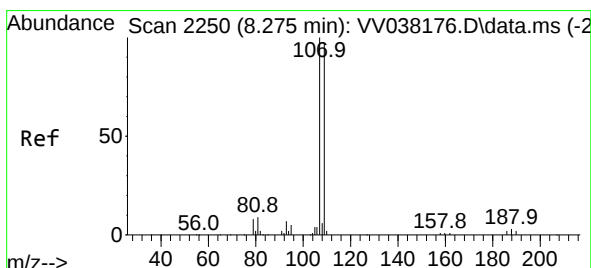
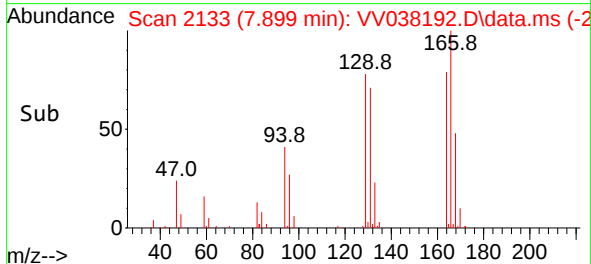
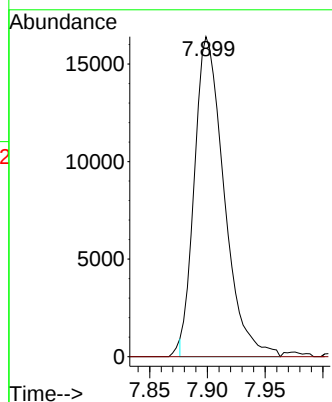
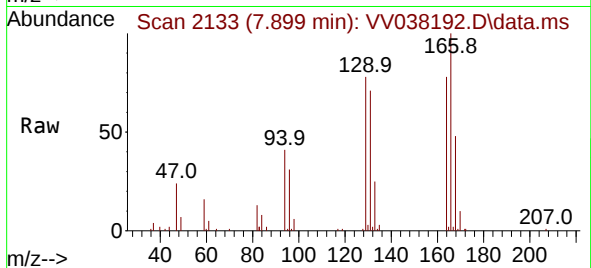
ClientSampleId :

Tgt Ion:129 Resp: 29240

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#50

1,2-Dibromoethane

Concen: 0.003 ug/L

RT: 8.301 min Scan# 2258

Delta R.T. 0.026 min

Lab File: VV038192.D

Acq: 19 Nov 2024 21:23

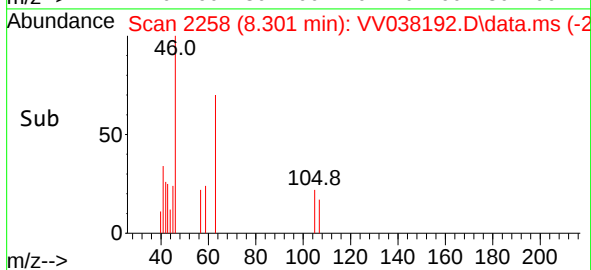
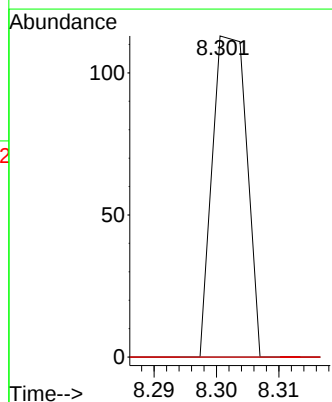
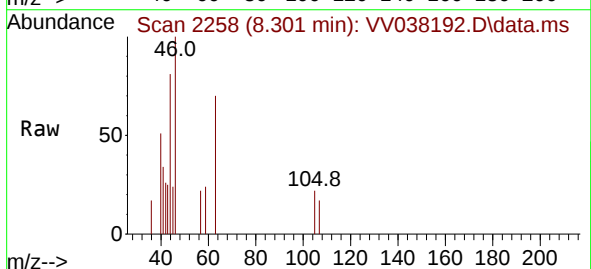
Tgt Ion:107 Resp: 43

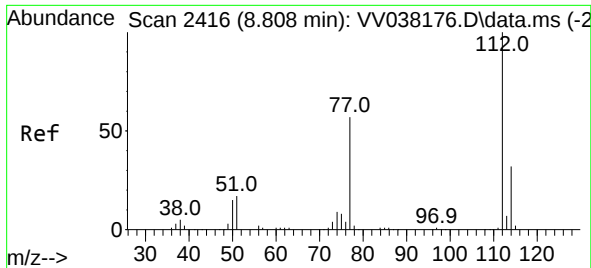
Ion Ratio Lower Upper

107 100

109 0.0 66.1 122.7#

188 0.0 2.6 3.8#

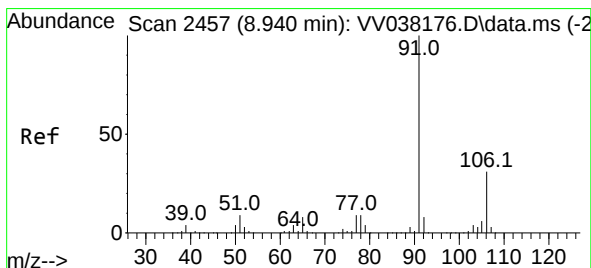
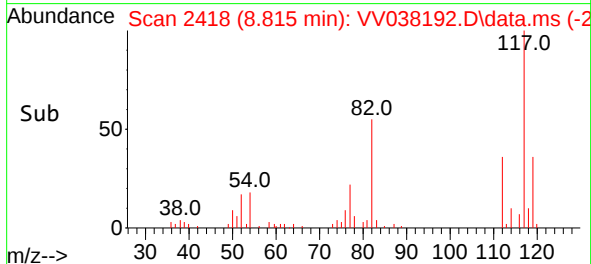
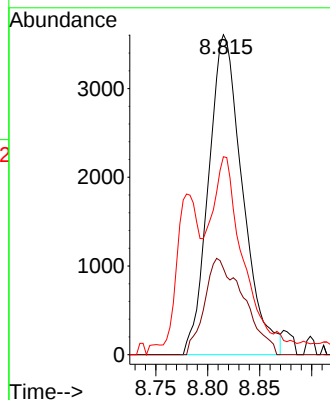
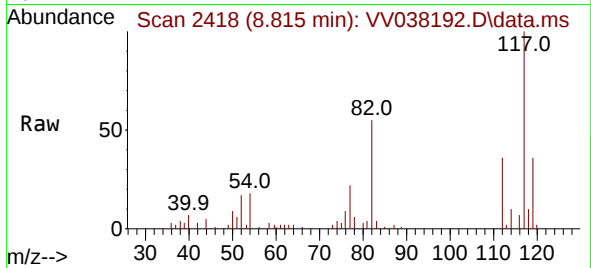




#51
Chlorobenzene
Concen: 0.162 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.007 min
Lab File: VV038192.D
Acq: 19 Nov 2024 21:23

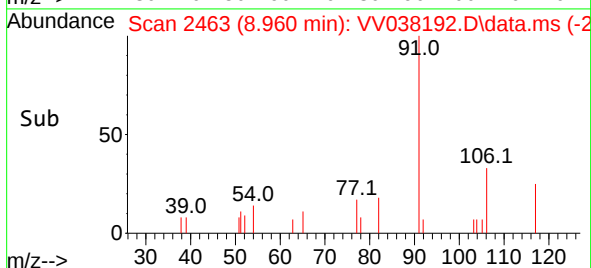
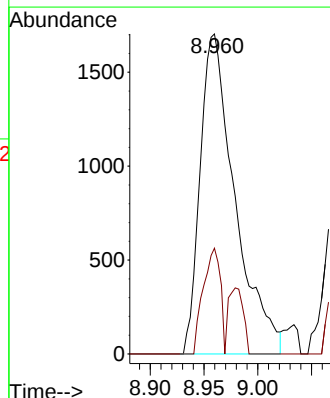
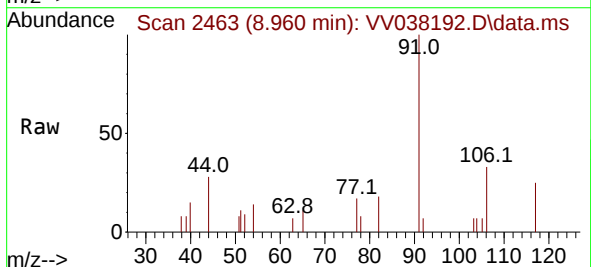
Instrument :
MSVOA_V
ClientSampleId :

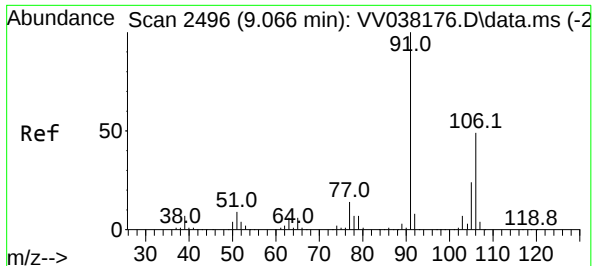
Tgt Ion:	112	Resp:	8226
Ion Ratio	Lower	Upper	
112	100		
114	26.9	22.0	40.8
77	61.9	45.0	67.4



#52
Ethylbenzene
Concen: 0.049 ug/L
RT: 8.960 min Scan# 2463
Delta R.T. 0.019 min
Lab File: VV038192.D
Acq: 19 Nov 2024 21:23

Tgt Ion:	91	Resp:	3836
Ion Ratio	Lower	Upper	
91	100		
106	33.0	21.8	40.4





#53

m,p-Xylene

Concen: 0.080 ug/L

RT: 9.092 min Scan# 21

Delta R.T. 0.026 min

Lab File: VV038192.D

Acq: 19 Nov 2024 21:23

Instrument :

MSVOA_V

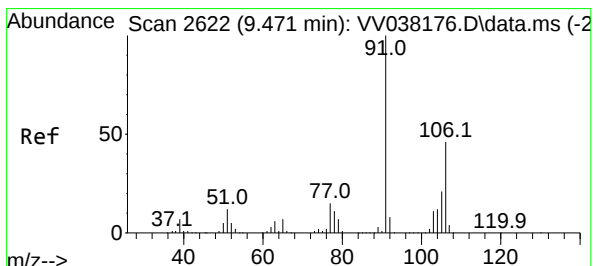
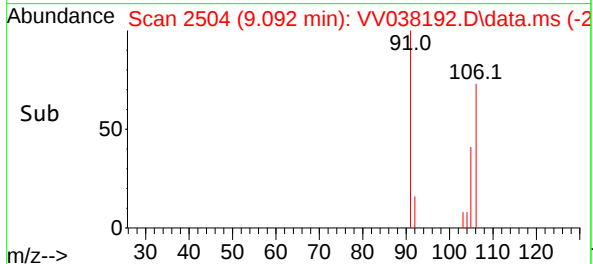
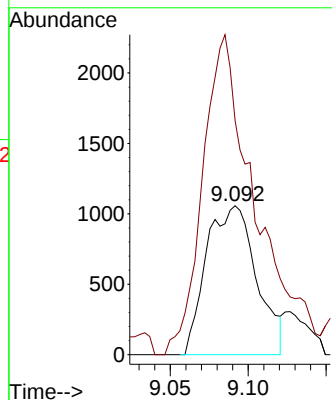
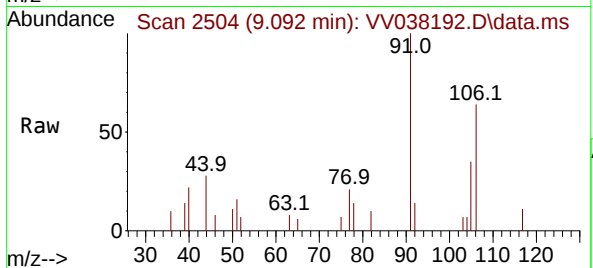
ClientSampleId :

Tgt Ion:106 Resp: 2371

Ion Ratio Lower Upper

106 100

91 157.2 138.7 257.5



#54

o-Xylene

Concen: 0.011 ug/L

RT: 9.497 min Scan# 2630

Delta R.T. 0.026 min

Lab File: VV038192.D

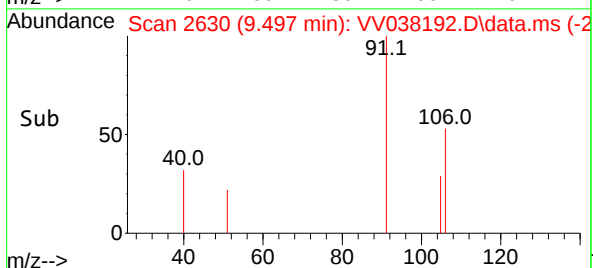
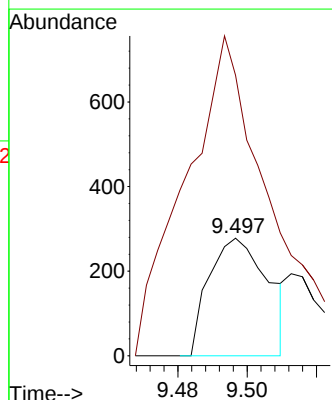
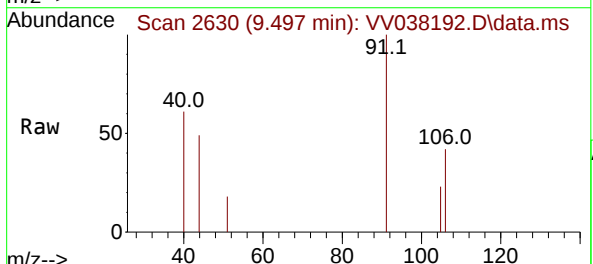
Acq: 19 Nov 2024 21:23

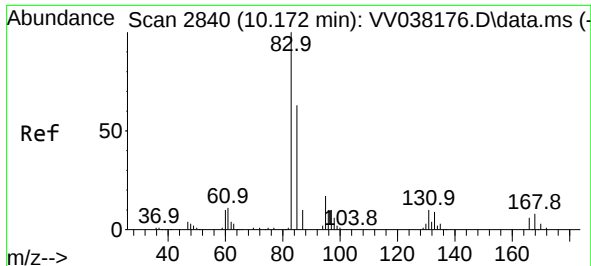
Tgt Ion:106 Resp: 328

Ion Ratio Lower Upper

106 100

91 238.5 155.5 288.7





#57

1,1,2,2-Tetrachloroethane

Concen: 0.092 ug/L

RT: 10.165 min Scan# 21

Delta R.T. -0.006 min

Lab File: VV038192.D

Acq: 19 Nov 2024 21:23

Instrument :

MSVOA_V

ClientSampleId :

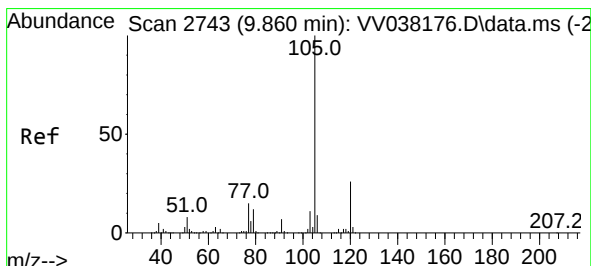
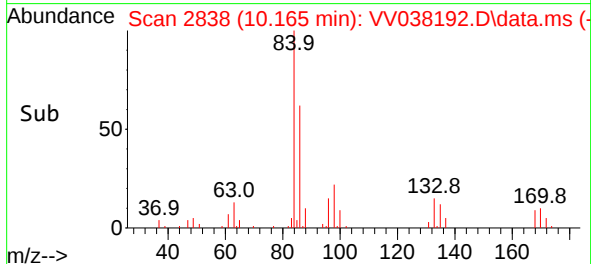
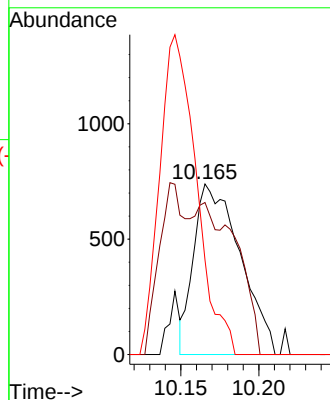
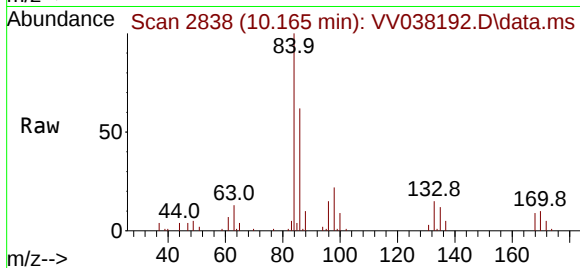
Tgt Ion: 83 Resp: 1528

Ion Ratio Lower Upper

83 100

85 89.2 45.7 84.9#

131 55.5 8.2 12.4#



#60

Isopropylbenzene

Concen: 0.021 ug/L

RT: 9.085 min Scan# 2502

Delta R.T. -0.775 min

Lab File: VV038192.D

Acq: 19 Nov 2024 21:23

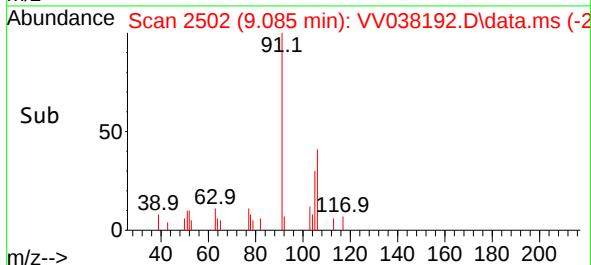
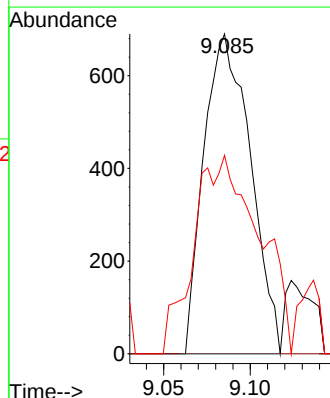
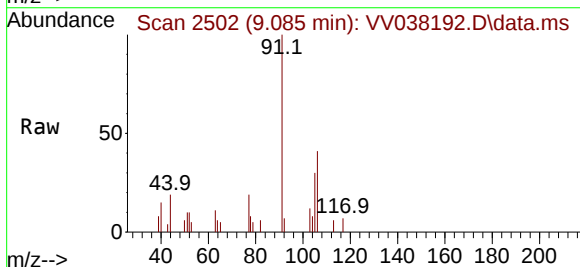
Tgt Ion: 105 Resp: 1288

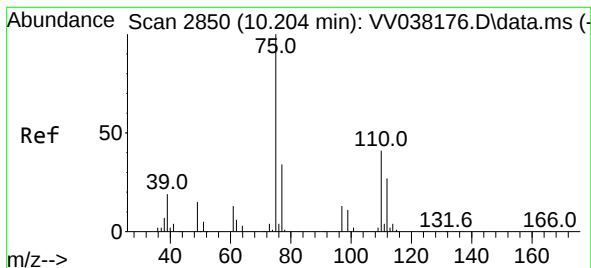
Ion Ratio Lower Upper

105 100

120 0.0 20.8 31.2#

77 30.6 12.2 18.2#





#61

1,2,3-Trichloropropane

Concen: 1.362 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.978 min

Lab File: VV038192.D

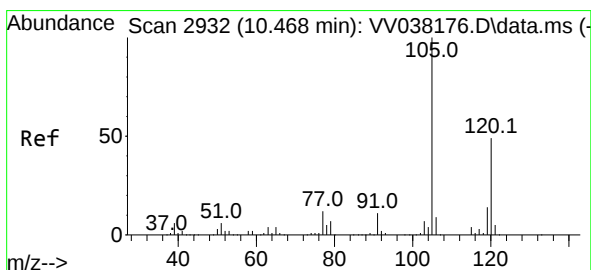
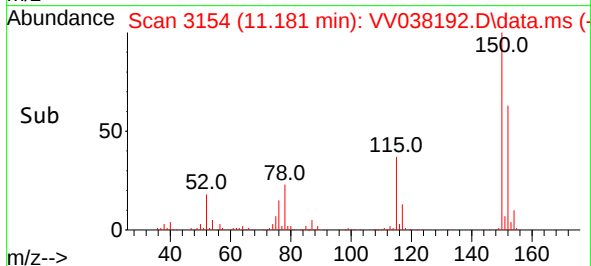
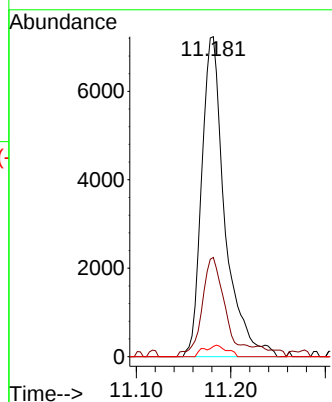
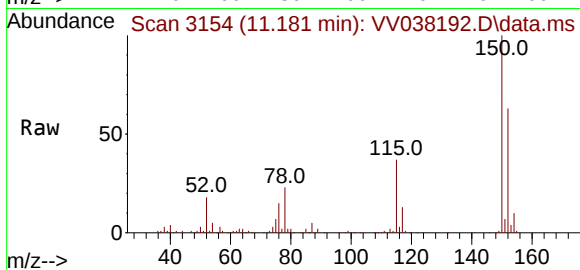
Acq: 19 Nov 2024 21:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	75	Resp:	12300
Ion Ratio	Lower	Upper	
75	100		
77	31.2	26.4	39.6
110	3.5	32.3	48.5#



#62

1,3,5-Trimethylbenzene

Concen: 0.004 ug/L

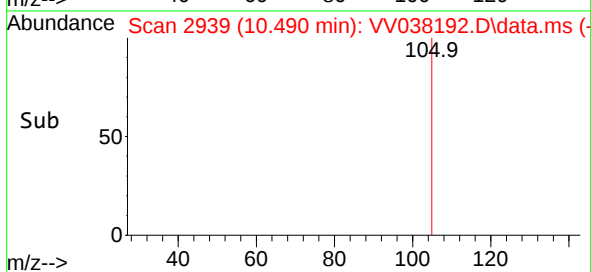
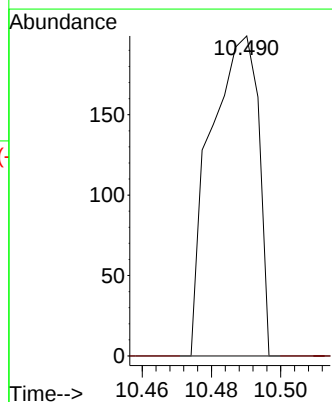
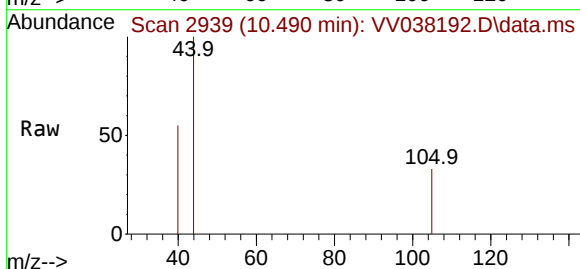
RT: 10.490 min Scan# 2939

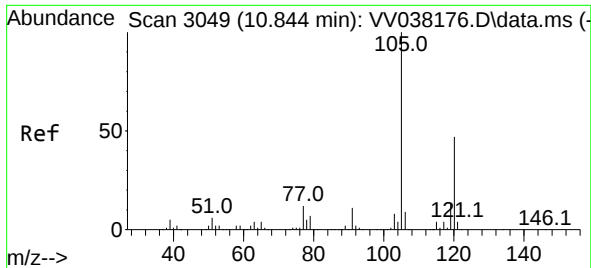
Delta R.T. 0.023 min

Lab File: VV038192.D

Acq: 19 Nov 2024 21:23

Tgt Ion:	105	Resp:	190
Ion Ratio	Lower	Upper	
105	100		
120	0.0	39.2	58.8#

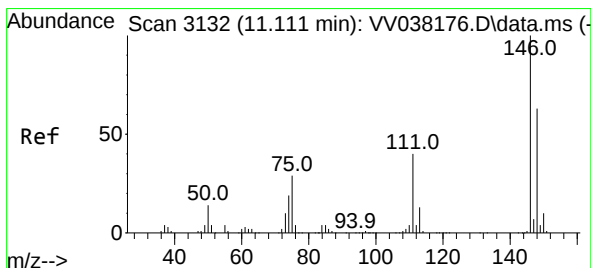
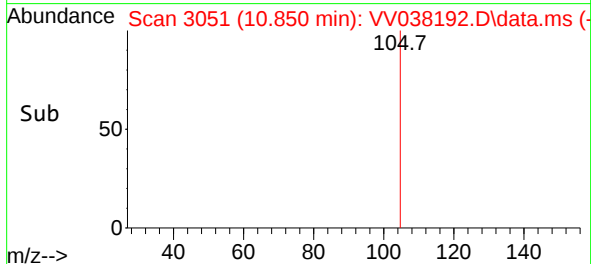
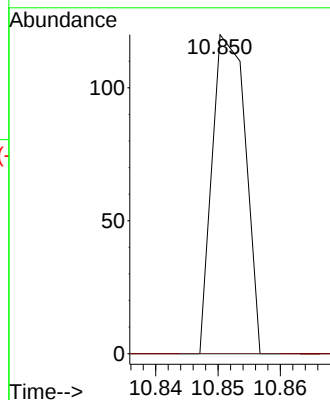
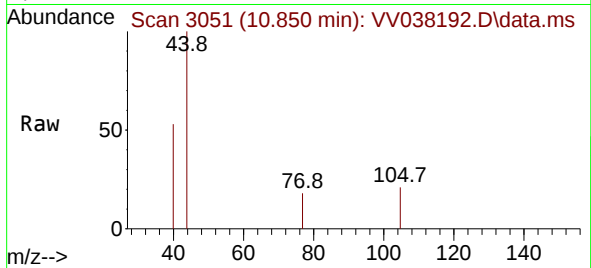




#63
 1,2,4-Trimethylbenzene
 Concen: 0.001 ug/L
 RT: 10.850 min Scan# 3049
 Delta R.T. 0.007 min
 Lab File: VV038192.D
 Acq: 19 Nov 2024 21:23

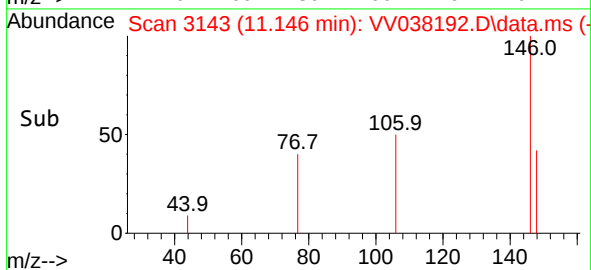
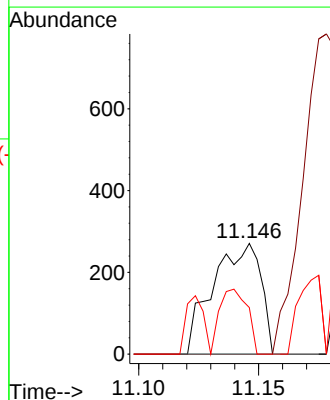
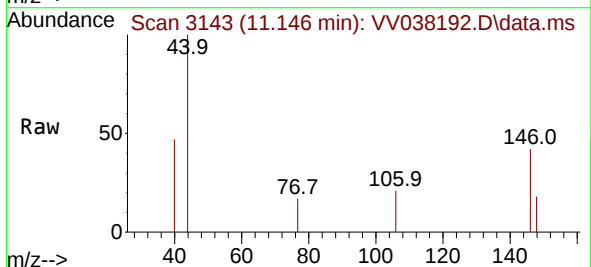
Instrument :
 MSVOA_V
 ClientSampleId :

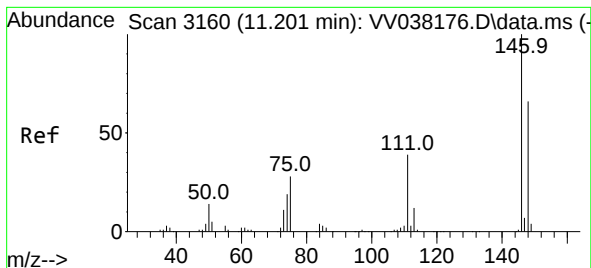
Tgt Ion:105 Resp: 44
 Ion Ratio Lower Upper
 105 100
 120 0.0 37.0 55.4#



#64
 1,3-Dichlorobenzene
 Concen: 0.012 ug/L
 RT: 11.146 min Scan# 3143
 Delta R.T. 0.036 min
 Lab File: VV038192.D
 Acq: 19 Nov 2024 21:23

Tgt Ion:146 Resp: 377
 Ion Ratio Lower Upper
 146 100
 111 0.0 28.2 52.4#
 148 42.1 44.2 82.2#





#65

1,4-Dichlorobenzene

Concen: 0.035 ug/L

RT: 11.207 min Scan# 3160

Delta R.T. 0.007 min

Lab File: VV038192.D

Acq: 19 Nov 2024 21:23

Instrument :

MSVOA_V

ClientSampleId :

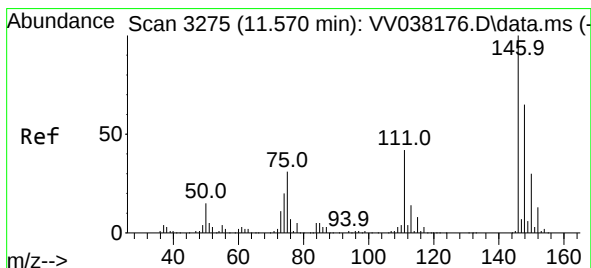
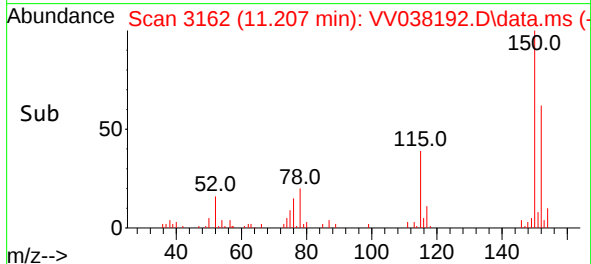
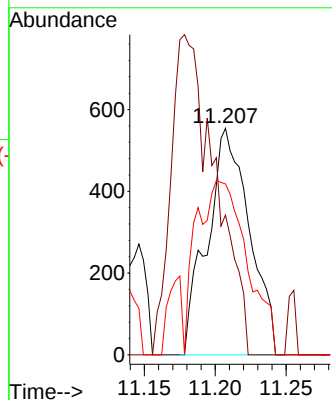
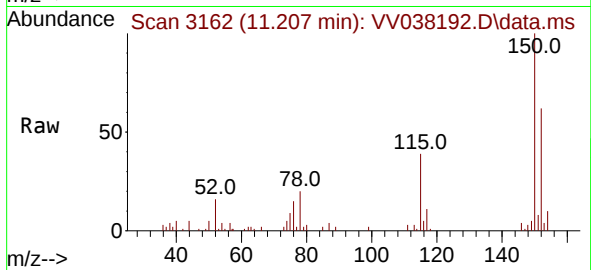
Tgt Ion:146 Resp: 1149

Ion Ratio Lower Upper

146 100

111 61.7 27.4 50.8#

148 75.5 44.4 82.4



#67

1,2-Dichlorobenzene

Concen: 0.092 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.003 min

Lab File: VV038192.D

Acq: 19 Nov 2024 21:23

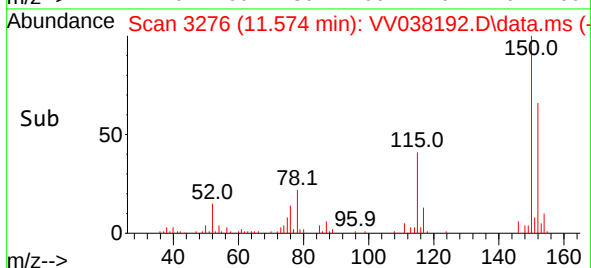
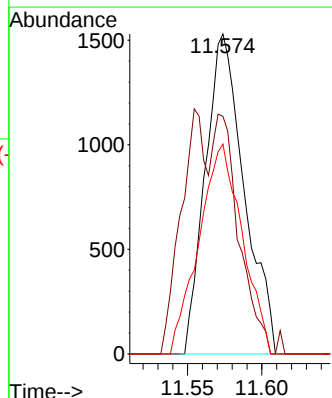
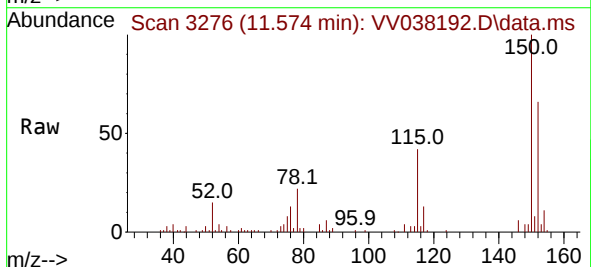
Tgt Ion:146 Resp: 2784

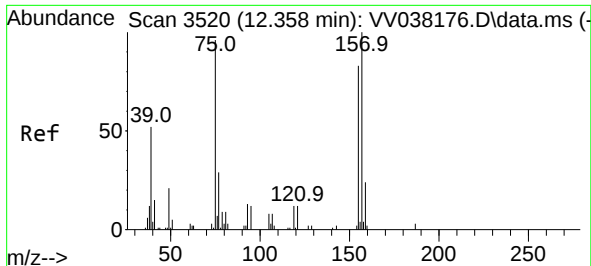
Ion Ratio Lower Upper

146 100

111 74.2 34.2 51.2#

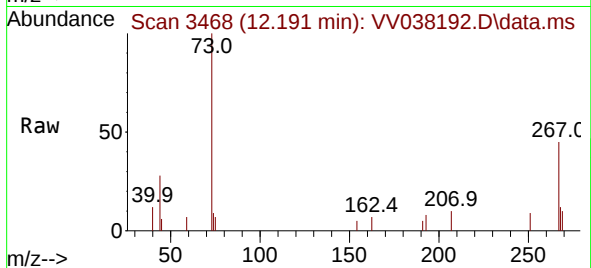
148 65.6 51.0 76.4



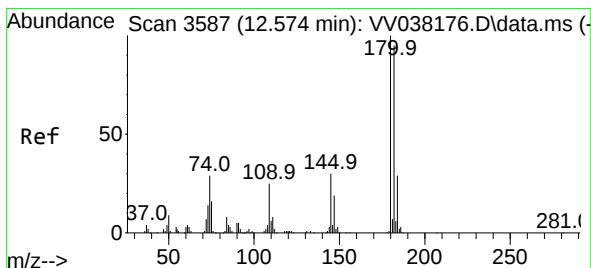
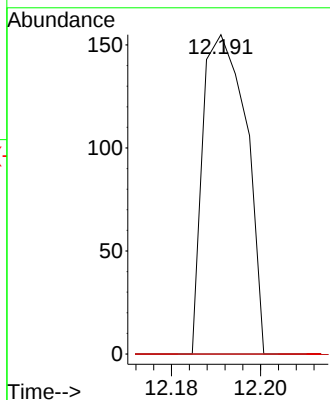
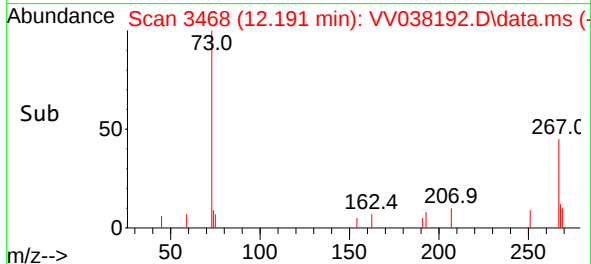


#68
1,2-Dibromo-3-chloropropane
Concen: 0.051 ug/L
RT: 12.191 min Scan# 3468
Delta R.T. -0.167 min
Lab File: VV038192.D
Acq: 19 Nov 2024 21:23

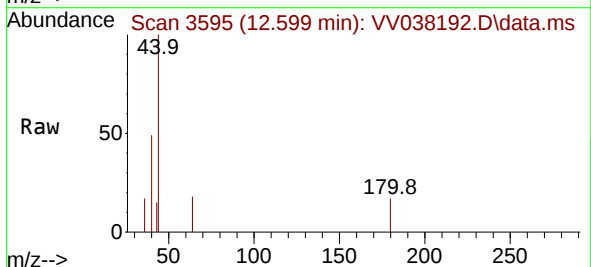
Instrument :
MSVOA_V
ClientSampleId :



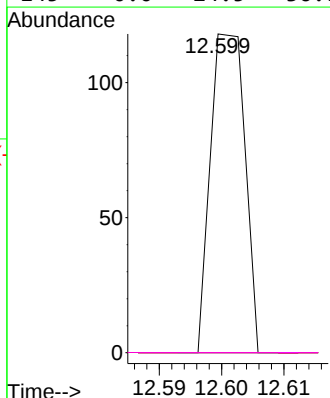
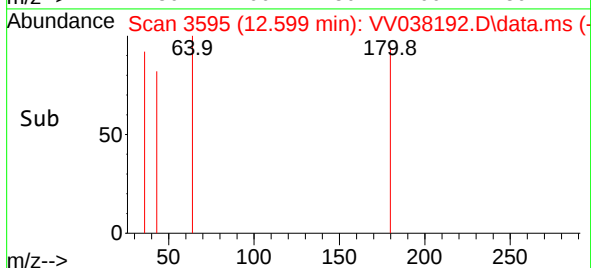
Tgt Ion: 75 Resp: 104
Ion Ratio Lower Upper
75 100
155 0.0 67.5 101.3#
157 0.0 82.7 124.1#

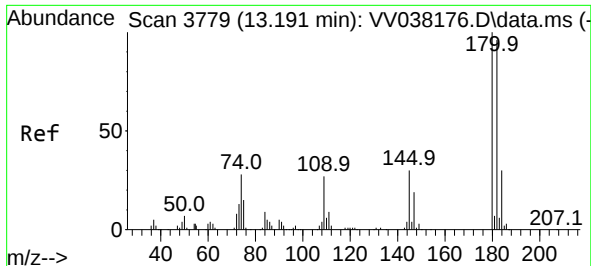


#69
1,3,5-Trichlorobenzene
Concen: 0.002 ug/L
RT: 12.599 min Scan# 3595
Delta R.T. 0.026 min
Lab File: VV038192.D
Acq: 19 Nov 2024 21:23



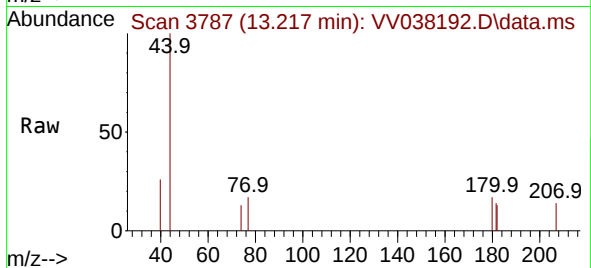
Tgt Ion: 180 Resp: 45
Ion Ratio Lower Upper
180 100
182 0.0 76.0 114.0#
184 0.0 23.7 35.5#
145 0.0 24.5 36.7#



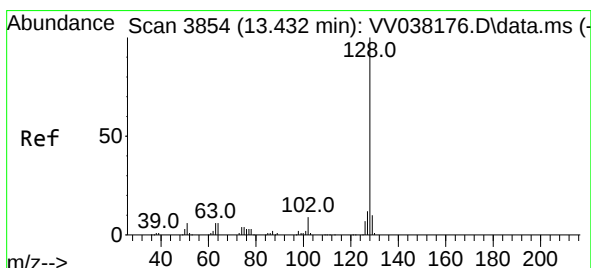
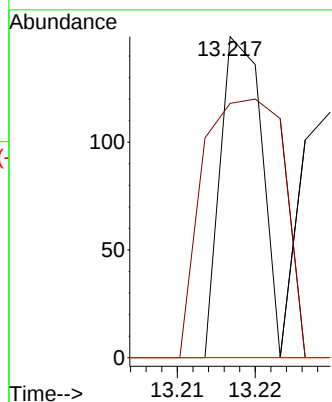
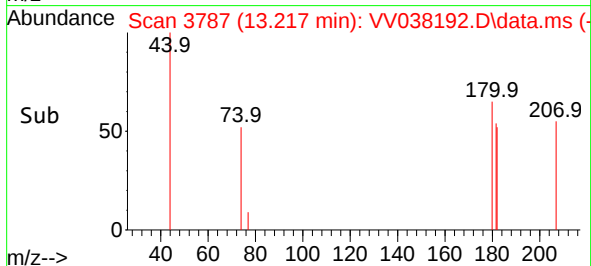


#70
1,2,4-trichlorobenzene
Concen: 0.003 ug/L
RT: 13.217 min Scan# 31
Delta R.T. 0.026 min
Lab File: VV038192.D
Acq: 19 Nov 2024 21:23

Instrument :
MSVOA_V
ClientSampleId :

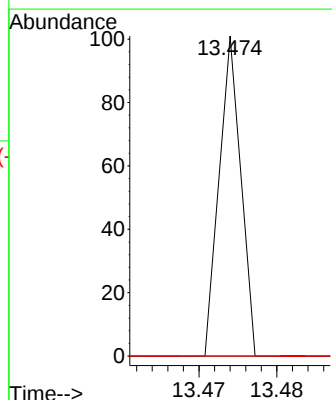
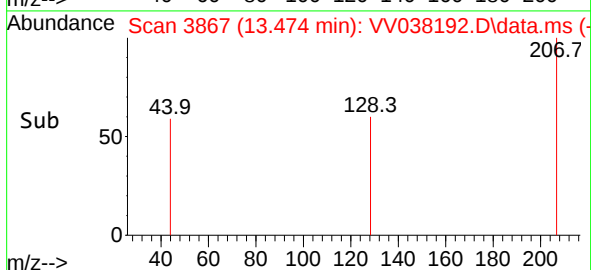
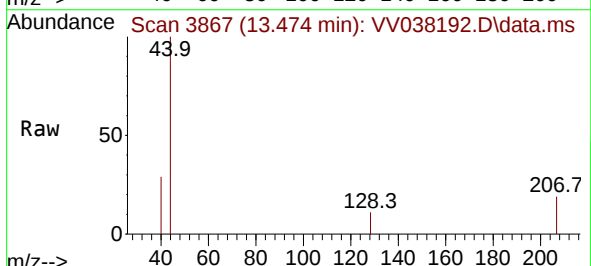


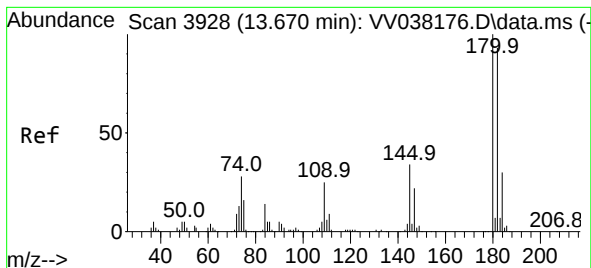
Tgt Ion:180 Resp: 55
Ion Ratio Lower Upper
180 100
182 158.2 73.8 110.8#
145 0.0 24.6 37.0#



#71
Naphthalene
Concen: 0.001 ug/L
RT: 13.474 min Scan# 3867
Delta R.T. 0.042 min
Lab File: VV038192.D
Acq: 19 Nov 2024 21:23

Tgt Ion:128 Resp: 19
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: 13.686 min Scan# 39

Delta R.T. 0.016 min

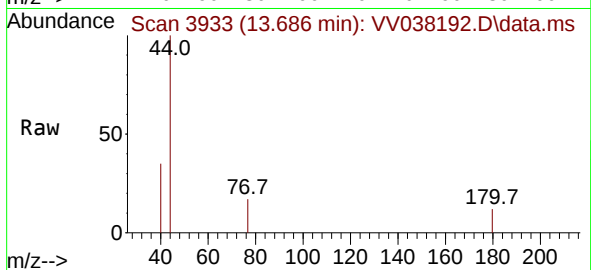
Lab File: VV038192.D

Acq: 19 Nov 2024 21:23

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 19

Ion Ratio Lower Upper

180 100

182 0.0 75.1 112.7#

145 0.0 27.0 40.4#

