

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038190.D
 Acq On : 19 Nov 2024 20:34
 Operator : SY/MD
 Sample : P4882-17
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 20 00:20:02 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	229074	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	252340	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	110050	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	80559	4.588	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.526	69	75882	5.343	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.800%
11) 1,1-Dichloroethene-d2	2.053	65	36682	4.855	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	3.780	46	194020	55.238	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.480%
24) Chloroform-d	4.240	84	179207	5.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	4.937	65	88208	5.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.400%
32) Benzene-d6	4.950	84	324602	4.977	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	5.982	67	111414	5.552	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.000%
41) Toluene-d8	7.236	98	267034	4.425	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.558	79	36572	4.902	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.018	63	182349	62.872	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.740%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	93985	5.517	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	11.555	152	106330	5.671	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	24574	1.134	ug/L	98
3) Chloromethane	1.214	50	10667	0.572	ug/L	98
5) Vinyl chloride	1.278	62	605	0.029	ug/L #	1
6) Bromomethane	1.484	94	576	0.070	ug/L #	69
8) Chloroethane	1.529	64	509	0.038	ug/L #	59
9) Trichlorofluoromethane	1.709	101	6760	0.225	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.057	101	2997	0.174	ug/L #	82
12) 1,1-Dichloroethene	2.060	96	4761	0.291	ug/L #	1
14) Carbon disulfide	2.237	76	913	0.017	ug/L #	75
15) Methyl Acetate	2.224	43	3133	0.497	ug/L #	47
16) Methylene chloride	2.439	84	16847	0.903	ug/L	94
17) Methyl tert-butyl Ether	2.700	73	54662	1.478	ug/L	98
18) trans-1,2-Dichloroethene	2.690	96	1165	0.068	ug/L	84
19) 1,1-Dichloroethane	3.108	63	4282	0.137	ug/L	99
21) 2-Butanone	3.799	43	1050	0.282	ug/L	97
22) cis-1,2-Dichloroethene	3.809	96	43452	2.438	ug/L	98
25) Chloroform	4.269	83	12099	0.361	ug/L	99
27) 1,2-Dichloroethane	5.050	62	2557	0.140	ug/L	99
29) 1,1,1-Trichloroethane	4.507	97	25932	0.857	ug/L	99

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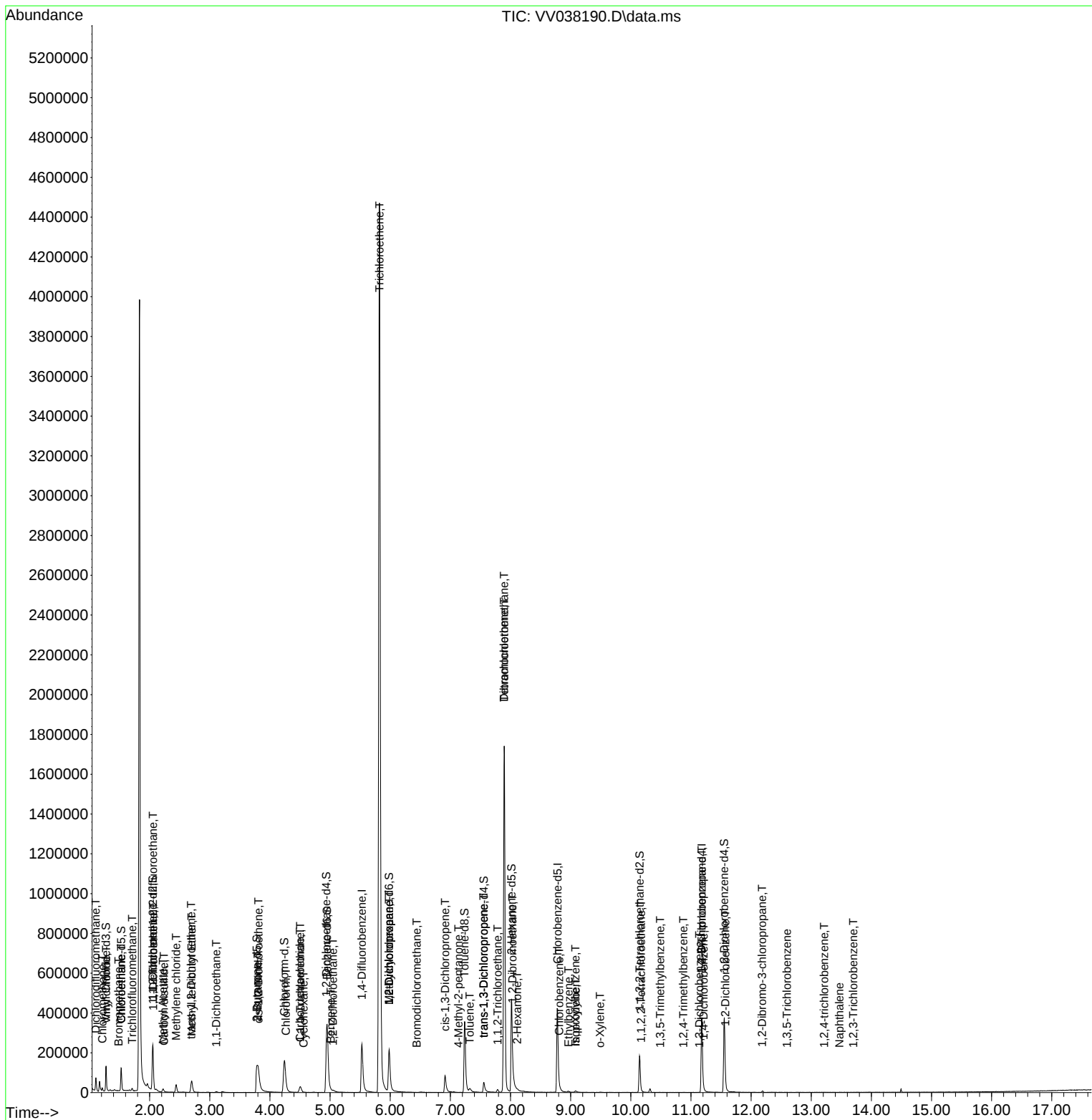
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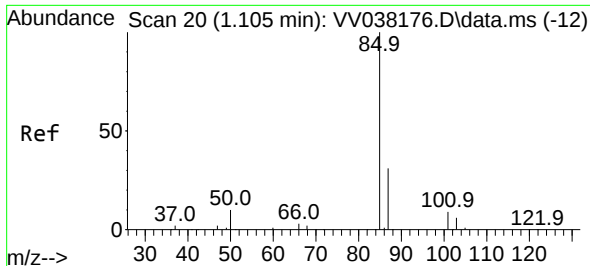
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

30) Cyclohexane	4.561	56	51	0.002	ug/L #	1
31) Carbon tetrachloride	4.503	117	3330	0.125	ug/L	93
33) Benzene	5.011	78	5958	0.084	ug/L	100
34) Trichloroethene	5.822	95	1590792	82.330	ug/L	98
35) Methylcyclohexane	5.982	83	27862	1.019	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	11500	0.648	ug/L #	86
38) Bromodichloromethane	6.442	83	46	0.002	ug/L #	26
39) cis-1,3-Dichloropropene	6.912	75	2465	0.099	ug/L #	70
40) 4-Methyl-2-pentanone	7.137	43	77	0.008	ug/L #	41
42) Toluene	7.323	91	15359	0.205	ug/L	94
44) trans-1,3-Dichloropropene	7.555	75	744	0.036	ug/L #	57
45) 1,1,2-Trichloroethane	7.786	97	590	0.041	ug/L #	1
47) Tetrachloroethene	7.896	164	395175	25.452	ug/L	99
48) 2-Hexanone	8.111	43	1177	0.175	ug/L #	38
49) Dibromochloromethane	7.896	129	366279	23.332	ug/L #	11
50) 1,2-Dibromoethane	8.034	107	43	0.003	ug/L #	5
51) Chlorobenzene	8.809	112	9159	0.177	ug/L #	89
52) Ethylbenzene	8.963	91	4552	0.057	ug/L	97
53) m,p-Xylene	9.085	106	2540	0.085	ug/L	97
54) o-Xylene	9.487	106	493	0.017	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.172	83	1777	0.106	ug/L #	92
60) Isopropylbenzene	9.082	105	1433	0.023	ug/L #	36
61) 1,2,3-Trichloropropane	11.182	75	12926	1.372	ug/L #	66
62) 1,3,5-Trimethylbenzene	10.487	105	176	0.003	ug/L #	28
63) 1,2,4-Trimethylbenzene	10.873	105	204	0.004	ug/L #	30
64) 1,3-Dichlorobenzene	11.140	146	384	0.011	ug/L	99
65) 1,4-Dichlorobenzene	11.211	146	1764	0.051	ug/L	84
67) 1,2-Dichlorobenzene	11.574	146	3048	0.097	ug/L #	89
68) 1,2-Dibromo-3-chloropr...	12.185	75	207	0.098	ug/L #	2
69) 1,3,5-Trichlorobenzene	12.596	180	74	0.003	ug/L #	64
70) 1,2,4-trichlorobenzene	13.217	180	341	0.017	ug/L #	43
71) Naphthalene	13.471	128	87	0.003	ug/L #	70
72) 1,2,3-Trichlorobenzene	13.699	180	54	0.003	ug/L #	83

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

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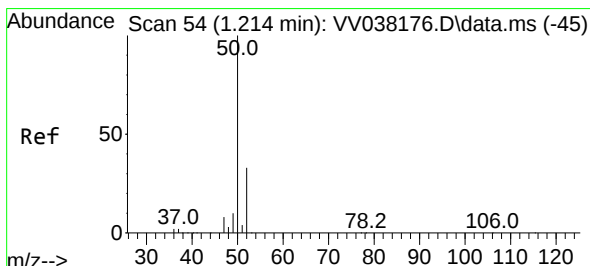
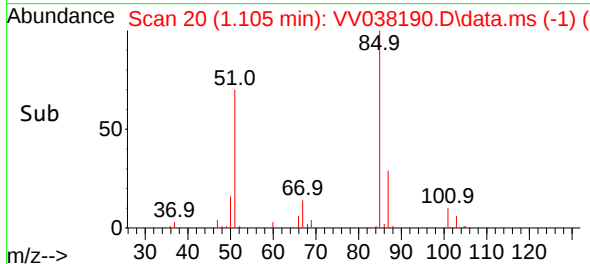
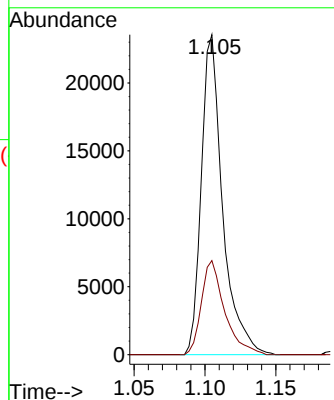
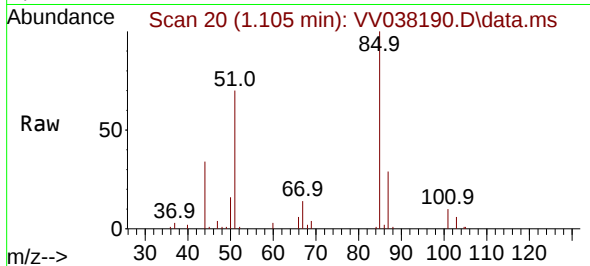




#2
Dichlorodifluoromethane
Concen: 1.134 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

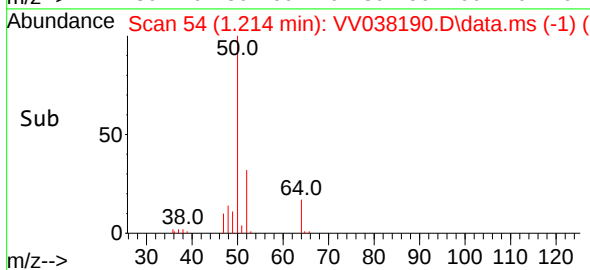
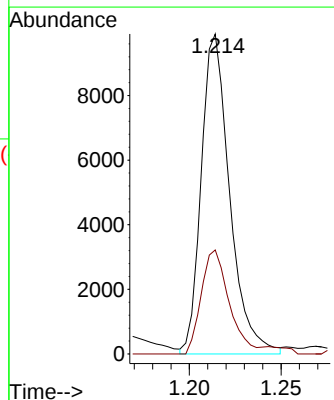
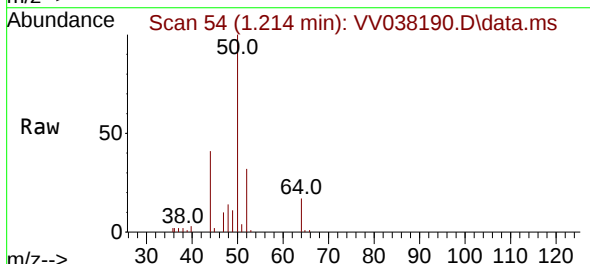
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MSVOA_V
ClientSampleId :

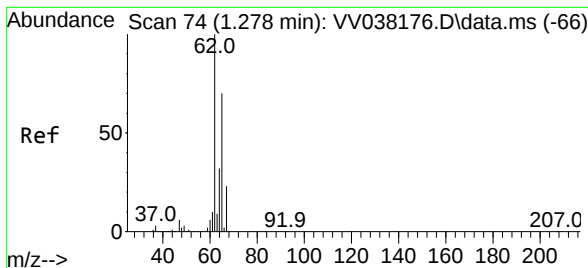
Tgt Ion: 85 Resp: 24574
Ion Ratio Lower Upper
85 100
87 32.1 26.5 39.7



#3
Chloromethane
Concen: 0.572 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

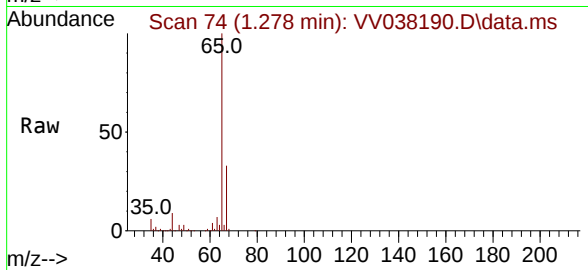
Tgt Ion: 50 Resp: 10667
Ion Ratio Lower Upper
50 100
52 32.5 23.5 43.7



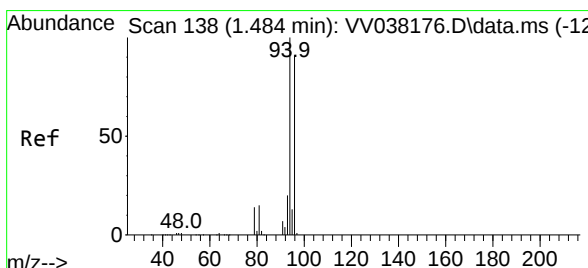
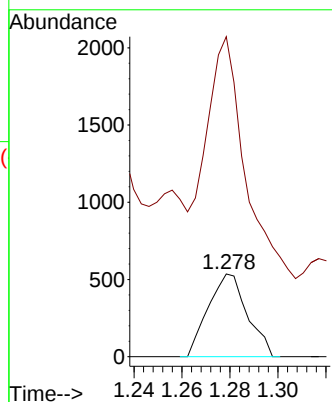
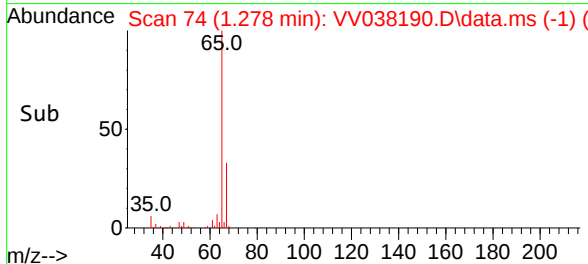


#5
 Vinyl chloride
 Concen: 0.029 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV038190.D
 Acq: 19 Nov 2024 20:34

Instrument :
 MSVOA_V
 ClientSampleId :

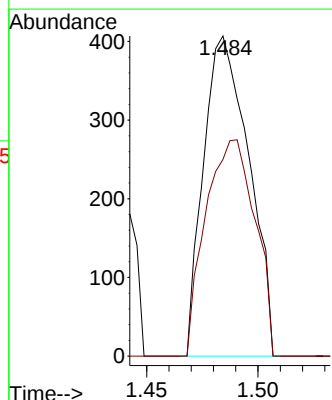
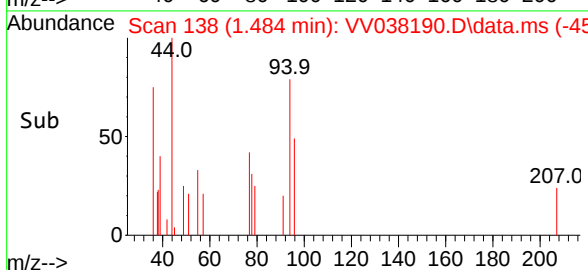
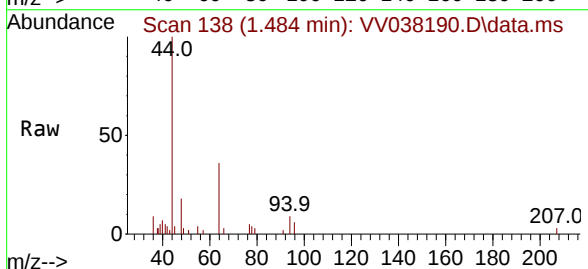


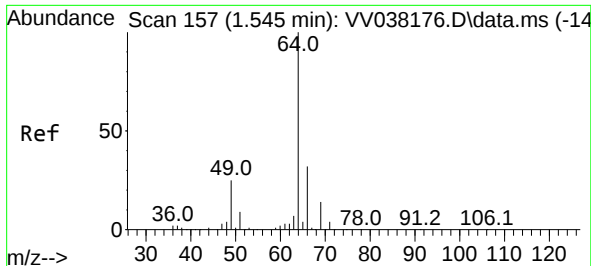
Tgt Ion: 62 Resp: 605
 Ion Ratio Lower Upper
 62 100
 64 386.6 24.4 45.4#



#6
 Bromomethane
 Concen: 0.070 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV038190.D
 Acq: 19 Nov 2024 20:34

Tgt Ion: 94 Resp: 576
 Ion Ratio Lower Upper
 94 100
 96 61.4 63.7 118.3#

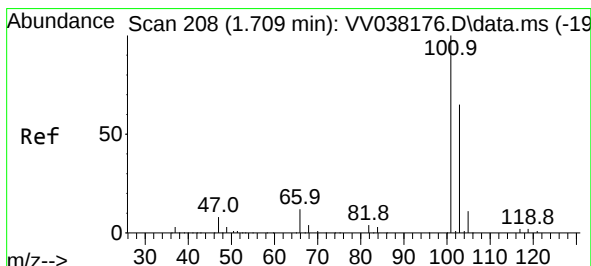
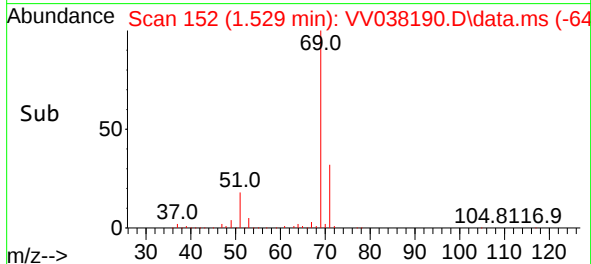
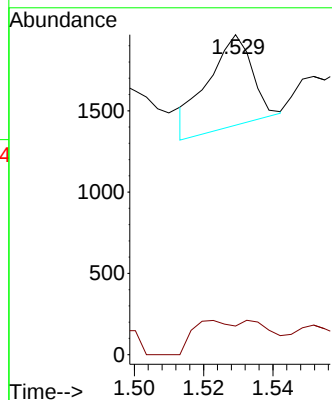
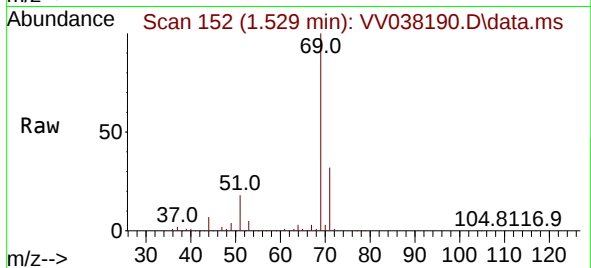




#8
Chloroethane
Concen: 0.038 ug/L
RT: 1.529 min Scan# 11
Delta R.T. -0.016 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

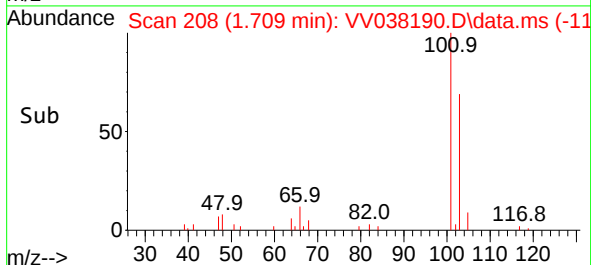
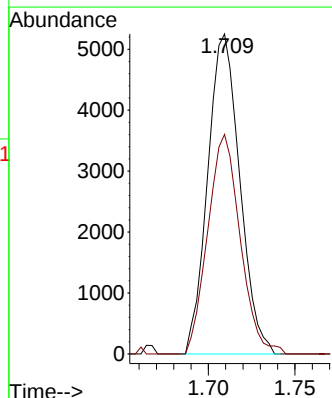
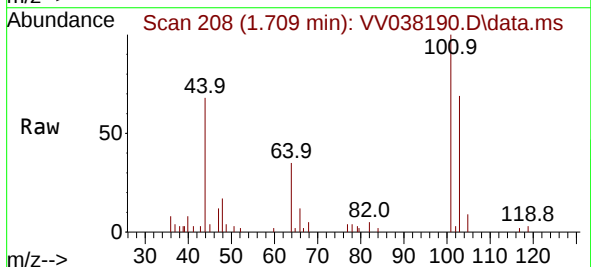
Instrument :
MSVOA_V
ClientSampleId :

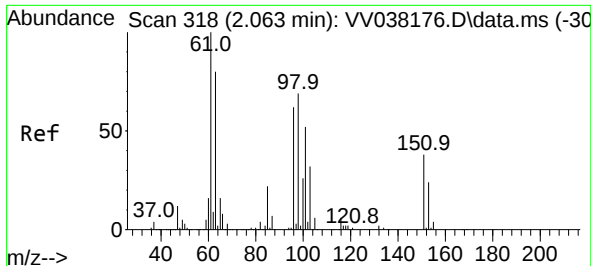
Tgt Ion: 64 Resp: 509
Ion Ratio Lower Upper
64 100
66 8.9 22.0 40.8#



#9
Trichlorofluoromethane
Concen: 0.225 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

Tgt Ion:101 Resp: 6760
Ion Ratio Lower Upper
101 100
103 69.3 51.5 77.3

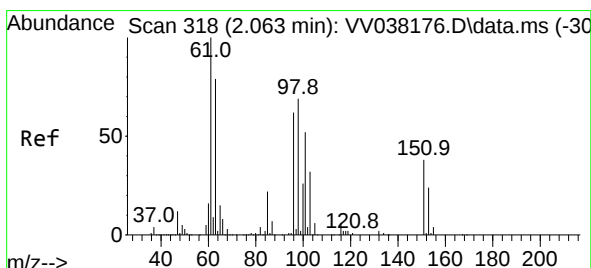
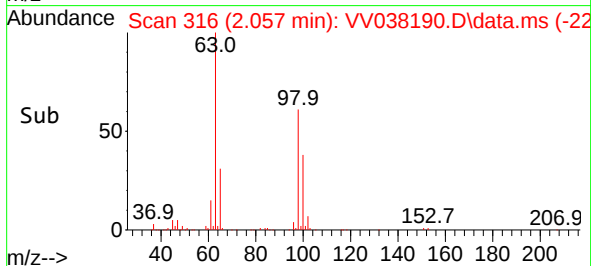
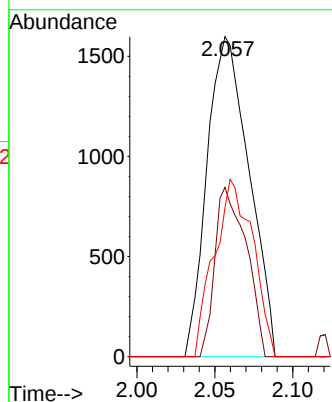
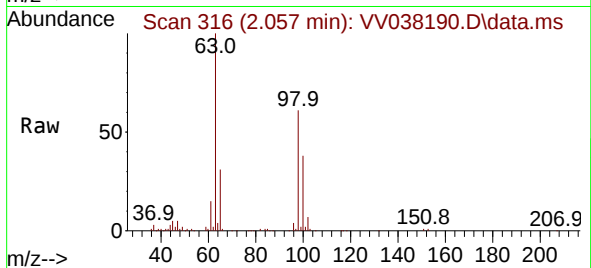




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.174 ug/L
 RT: 2.057 min Scan# 316
 Delta R.T. -0.006 min
 Lab File: VV038190.D
 Acq: 19 Nov 2024 20:34

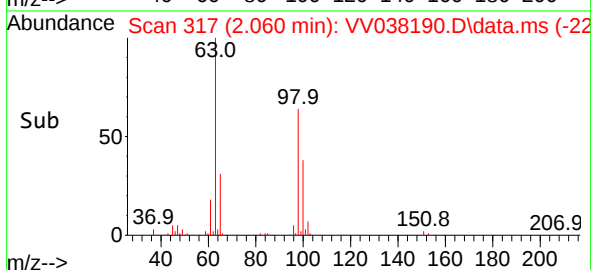
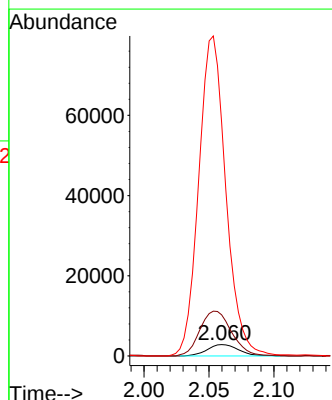
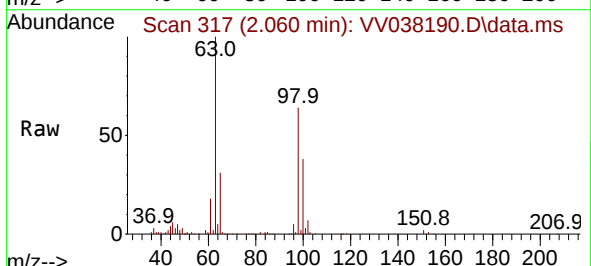
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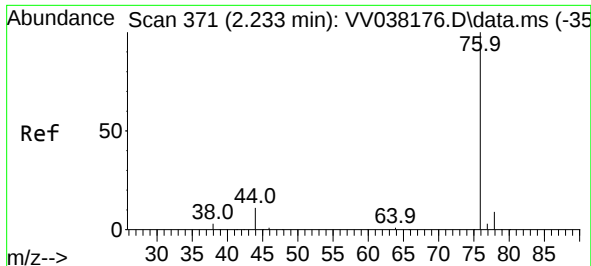
Tgt Ion:101 Resp: 2997
 Ion Ratio Lower Upper
 101 100
 85 39.6 33.4 50.0
 151 50.9 58.8 88.2#



#12
 1,1-Dichloroethene
 Concen: 0.291 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.003 min
 Lab File: VV038190.D
 Acq: 19 Nov 2024 20:34

Tgt Ion: 96 Resp: 4761
 Ion Ratio Lower Upper
 96 100
 61 361.9 115.7 214.9#
 63 2052.1 101.1 187.7#

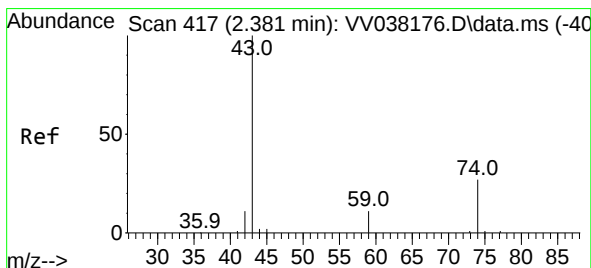
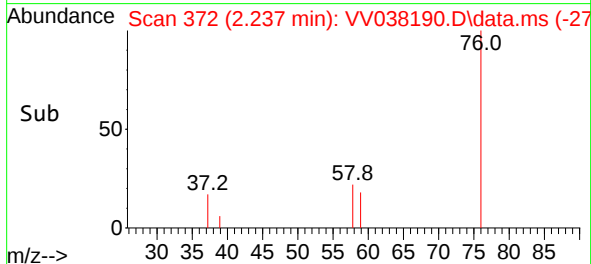
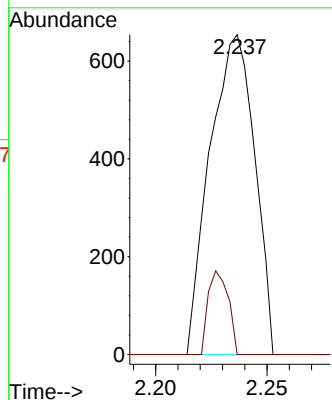
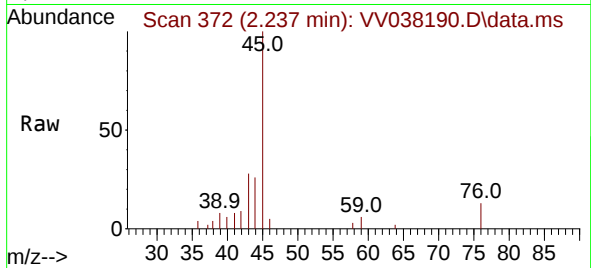




#14
Carbon disulfide
Concen: 0.017 ug/L
RT: 2.237 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

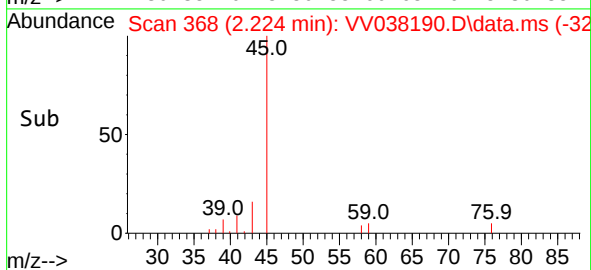
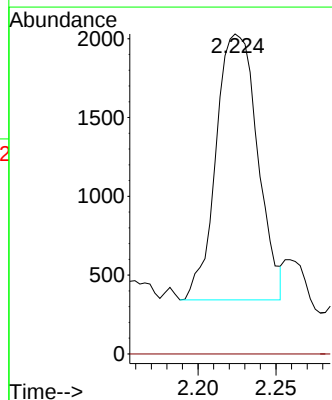
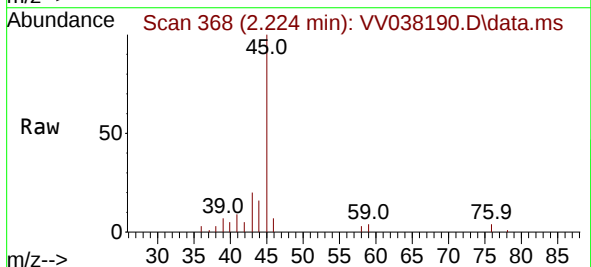
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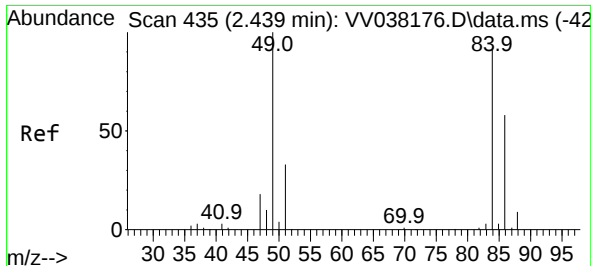
Tgt Ion: 76 Resp: 913
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#15
Methyl Acetate
Concen: 0.497 ug/L
RT: 2.224 min Scan# 368
Delta R.T. -0.157 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

Tgt Ion: 43 Resp: 3133
Ion Ratio Lower Upper
43 100
74 0.0 22.4 33.6#

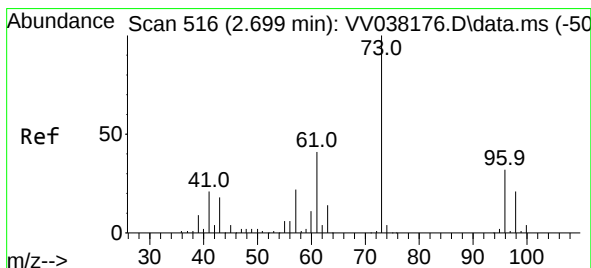
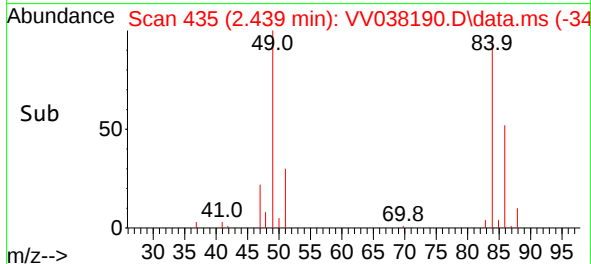
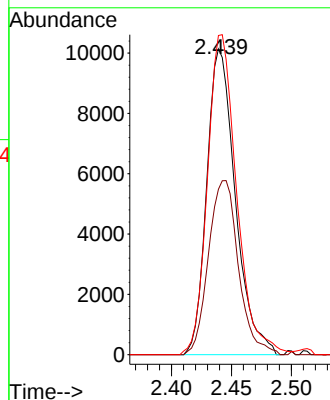
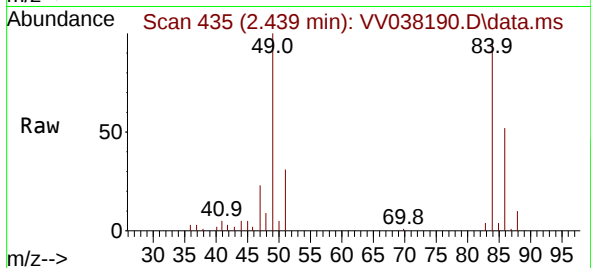




#16
Methylene chloride
Concen: 0.903 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

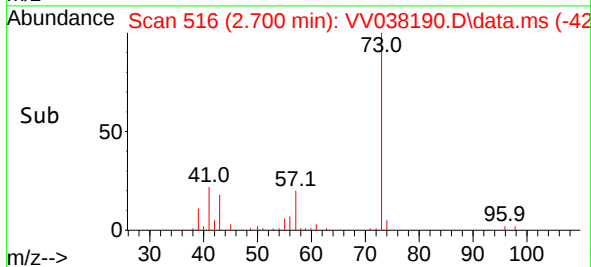
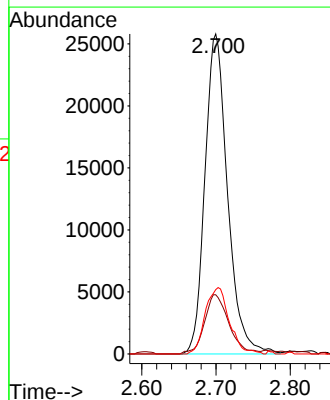
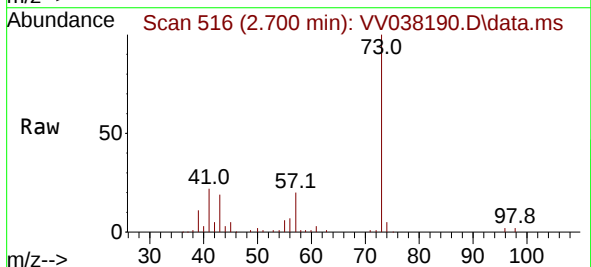
Instrument :
MSVOA_V
ClientSampleId :

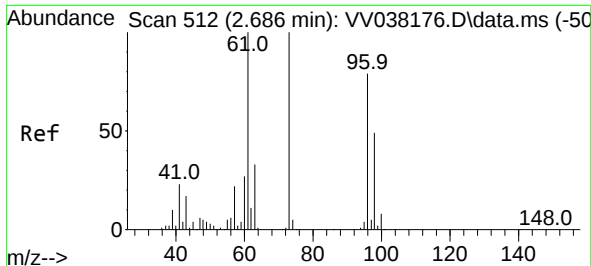
Tgt Ion: 84 Resp: 16847
Ion Ratio Lower Upper
84 100
86 54.1 44.2 82.2
49 104.4 74.9 139.1



#17
Methyl tert-butyl Ether
Concen: 1.478 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

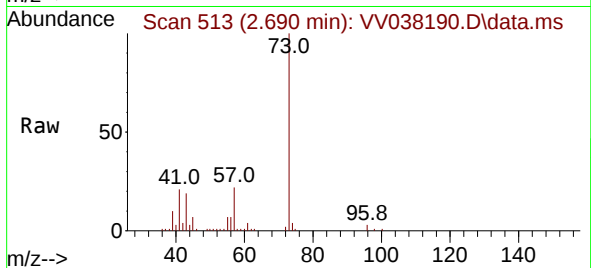
Tgt Ion: 73 Resp: 54662
Ion Ratio Lower Upper
73 100
43 20.0 14.2 21.2
57 22.0 17.6 26.4



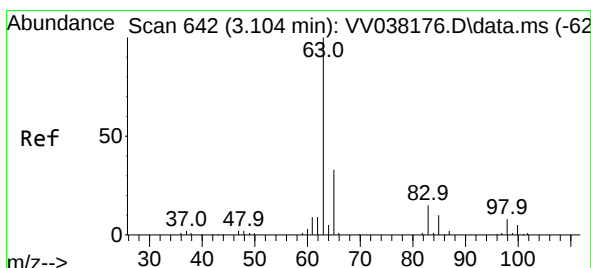
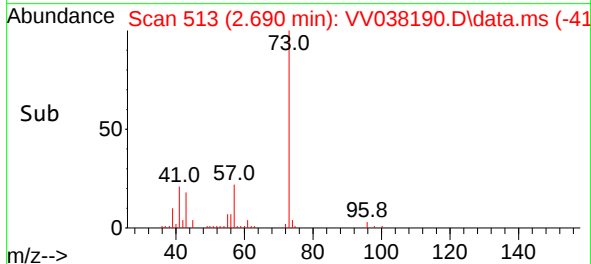
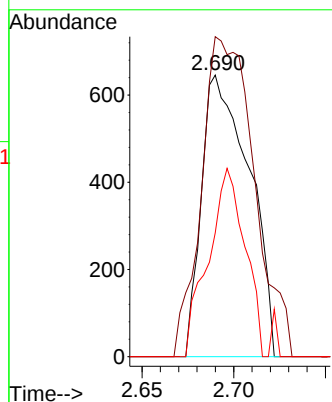


#18
trans-1,2-Dichloroethene
Concen: 0.068 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

Instrument :
MSVOA_V
ClientSampleId :

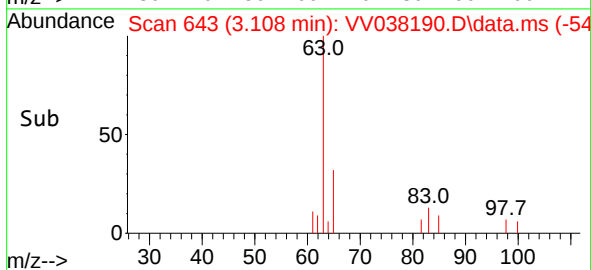
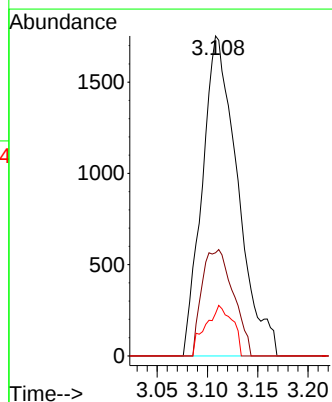
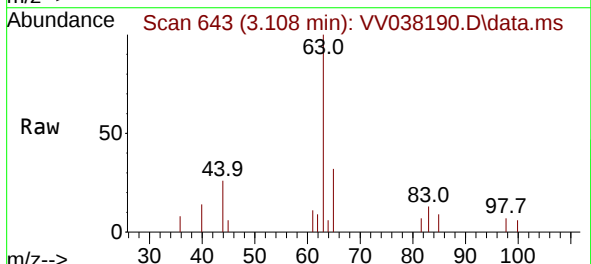


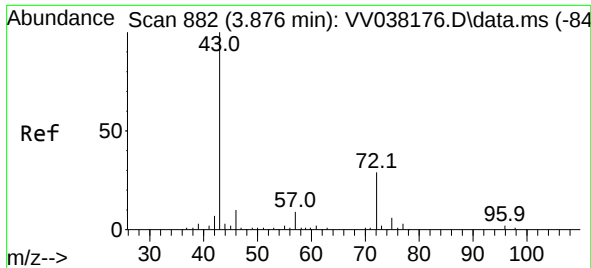
Tgt Ion: 96 Resp: 1165
Ion Ratio Lower Upper
96 100
61 113.6 88.5 164.4
98 44.0 43.9 81.5



#19
1,1-Dichloroethane
Concen: 0.137 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.003 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

Tgt Ion: 63 Resp: 4282
Ion Ratio Lower Upper
63 100
65 32.2 22.5 41.7
83 13.3 10.1 18.9

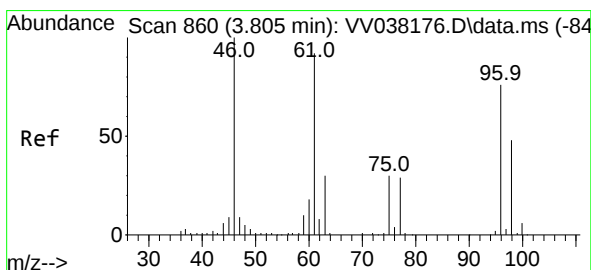
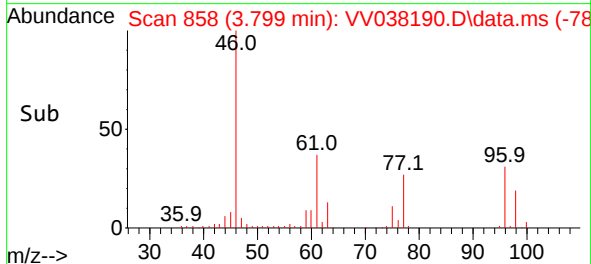
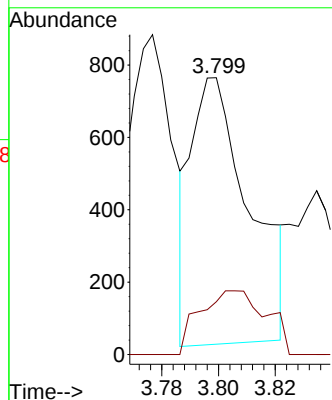
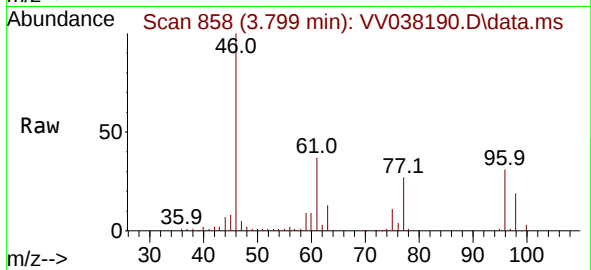




#21
2-Butanone
Concen: 0.282 ug/L
RT: 3.799 min Scan# 81
Delta R.T. -0.077 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

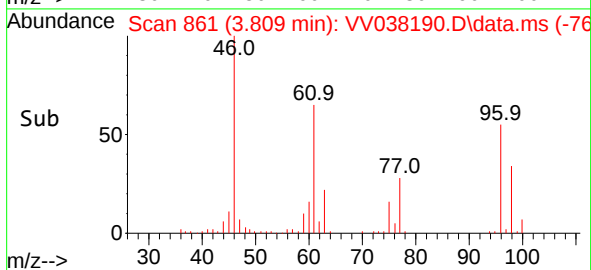
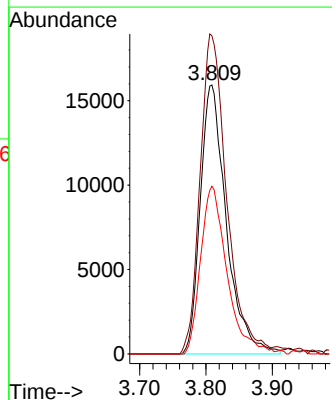
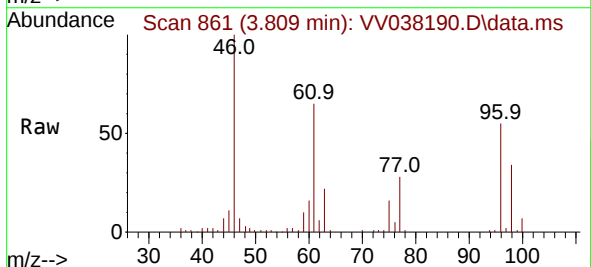
Instrument :
MSVOA_V
ClientSampleId :

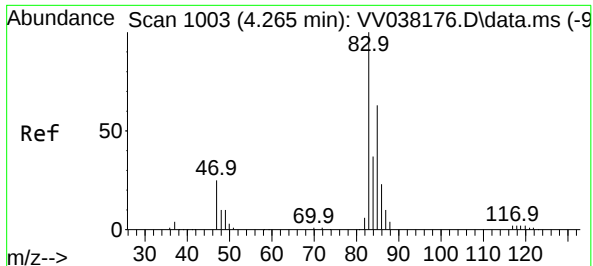
Tgt Ion: 43 Resp: 1050
Ion Ratio Lower Upper
43 100
72 27.3 13.0 39.0



#22
cis-1,2-Dichloroethene
Concen: 2.438 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

Tgt Ion: 96 Resp: 43452
Ion Ratio Lower Upper
96 100
61 118.3 82.7 153.5
98 62.3 46.3 85.9





#25

Chloroform

Concen: 0.361 ug/L

RT: 4.269 min Scan# 1003

Delta R.T. 0.003 min

Lab File: VV038190.D

Acq: 19 Nov 2024 20:34

Instrument :

MSVOA_V

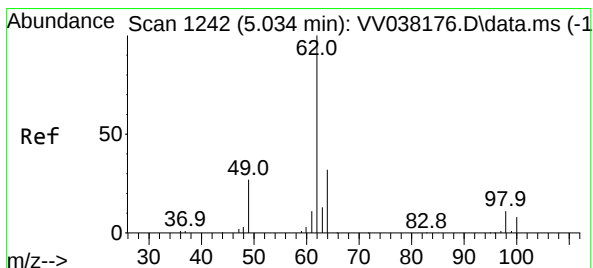
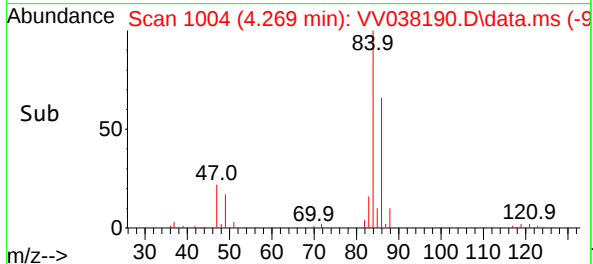
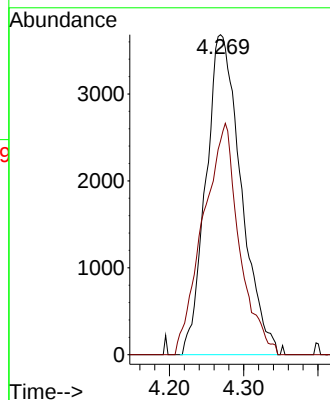
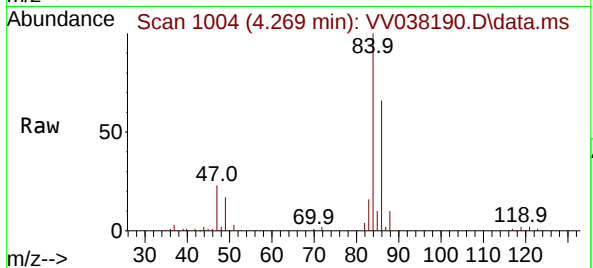
ClientSampleId :

Tgt Ion: 83 Resp: 12099

Ion Ratio Lower Upper

83 100

85 66.8 46.5 86.3



#27

1,2-Dichloroethane

Concen: 0.140 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.016 min

Lab File: VV038190.D

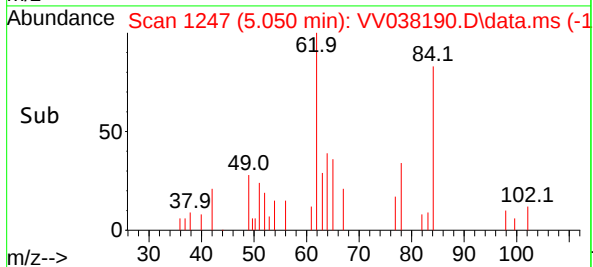
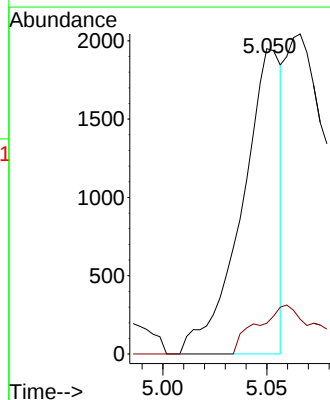
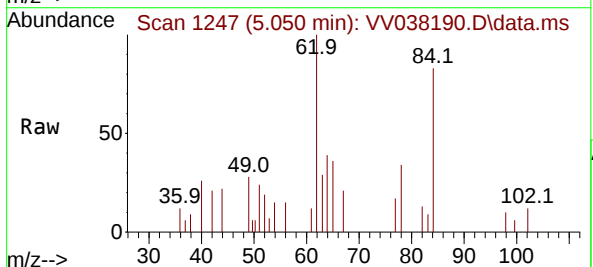
Acq: 19 Nov 2024 20:34

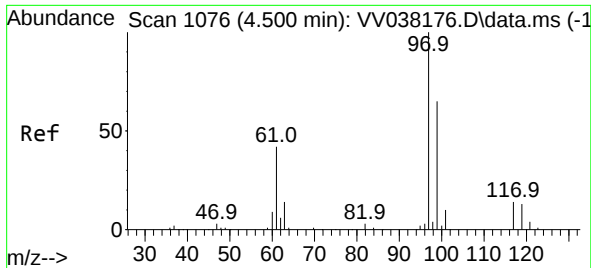
Tgt Ion: 62 Resp: 2557

Ion Ratio Lower Upper

62 100

98 10.1 8.2 12.4

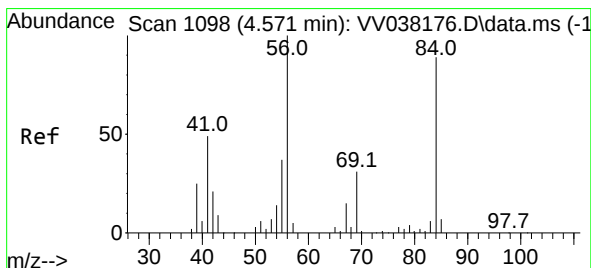
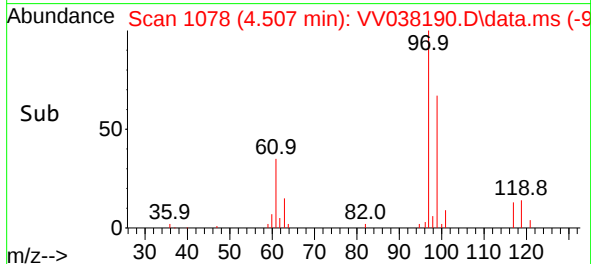
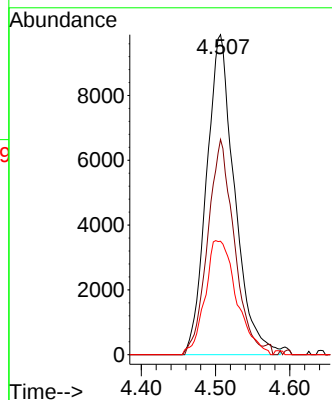
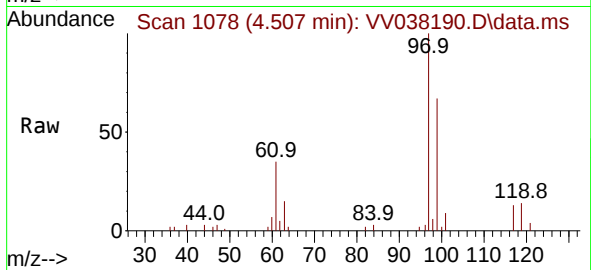




#29
1,1,1-Trichloroethane
Concen: 0.857 ug/L
RT: 4.507 min Scan# 1076
Delta R.T. 0.007 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

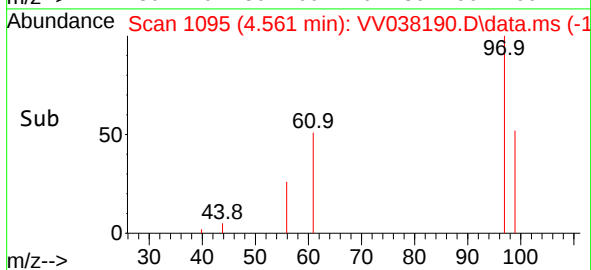
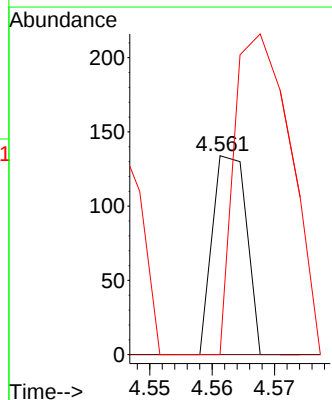
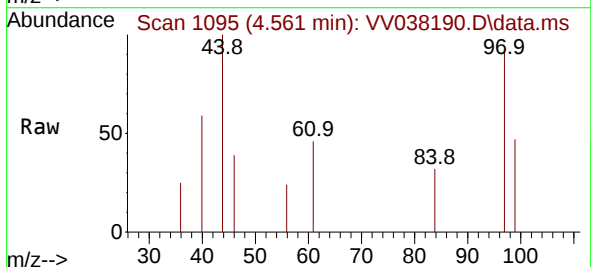
Instrument :
MSVOA_V
ClientSampleId :

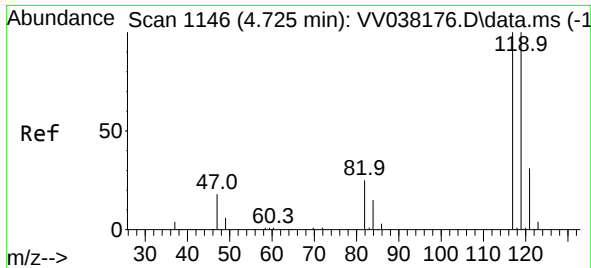
Tgt Ion: 97 Resp: 25932
Ion Ratio Lower Upper
97 100
99 63.5 51.8 77.8
61 39.9 32.2 48.2



#30
Cyclohexane
Concen: 0.002 ug/L
RT: 4.561 min Scan# 1095
Delta R.T. -0.009 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

Tgt Ion: 56 Resp: 51
Ion Ratio Lower Upper
56 100
69 0.0 26.0 39.0#
84 1402.0 75.6 113.4#

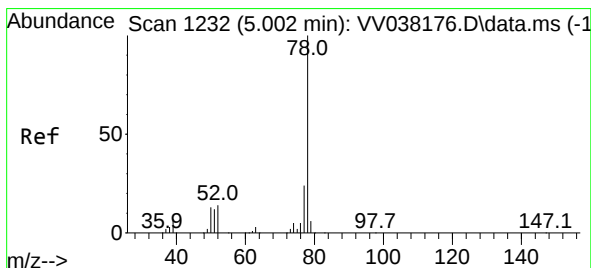
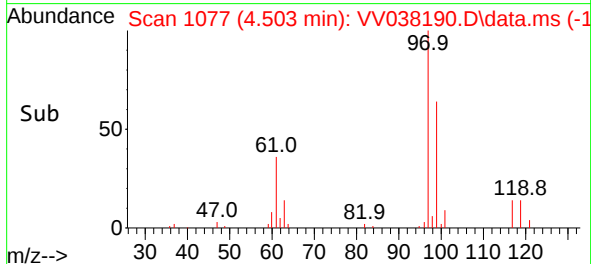
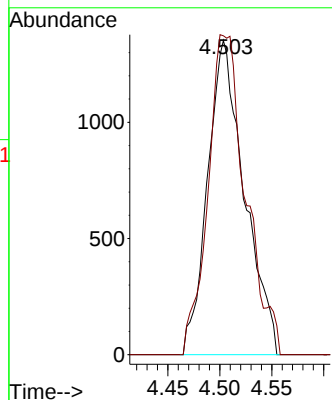
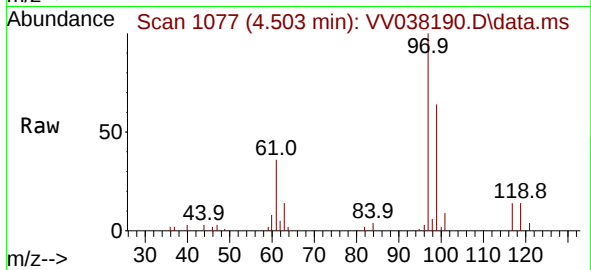




#31
Carbon tetrachloride
Concen: 0.125 ug/L
RT: 4.503 min Scan# 1146
Delta R.T. -0.222 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

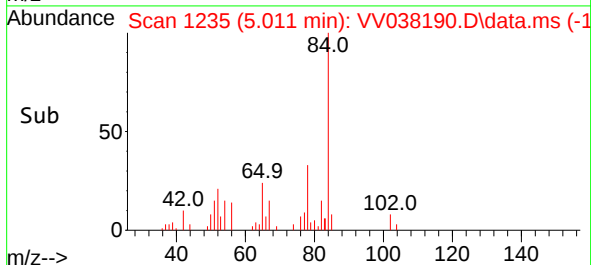
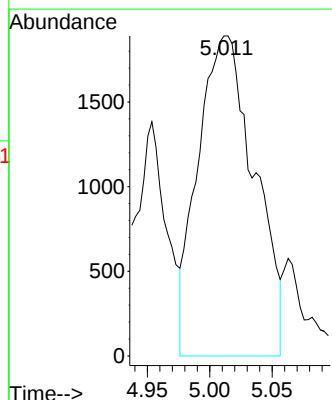
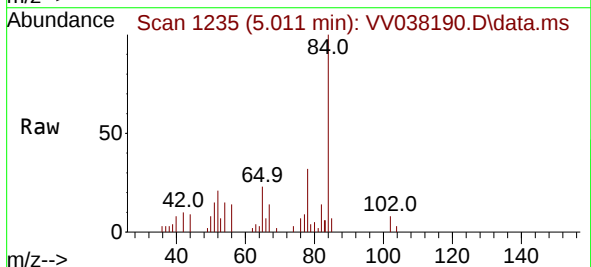
Instrument :
MSVOA_V
ClientSampleId :

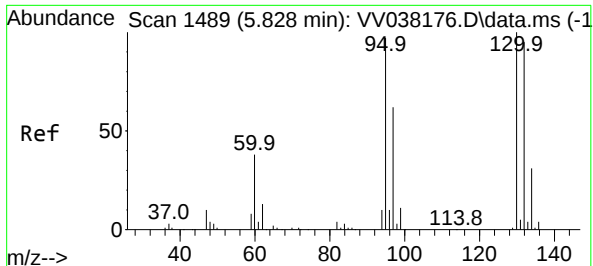
Tgt Ion:117 Resp: 3330
Ion Ratio Lower Upper
117 100
119 104.0 77.4 116.2



#33
Benzene
Concen: 0.084 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.010 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

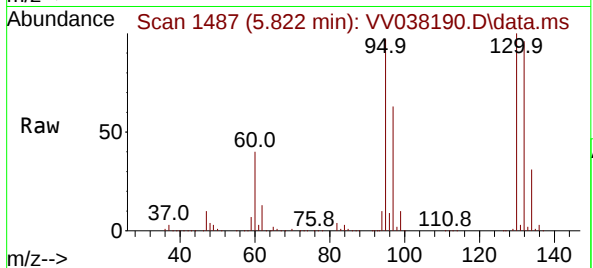
Tgt Ion: 78 Resp: 5958





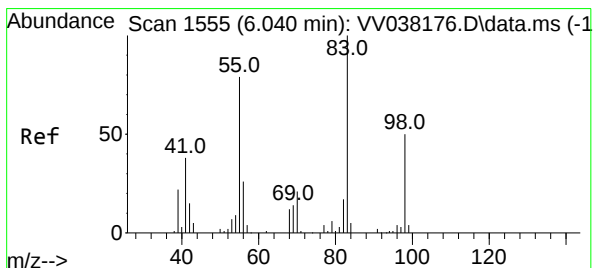
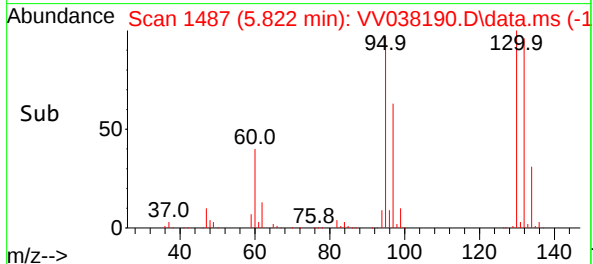
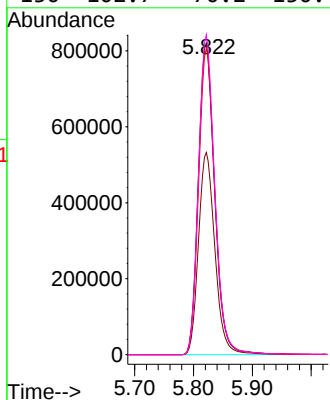
#34
Trichloroethene
Concen: 82.330 ug/L
RT: 5.822 min Scan# 1489
Delta R.T. -0.006 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 1590792

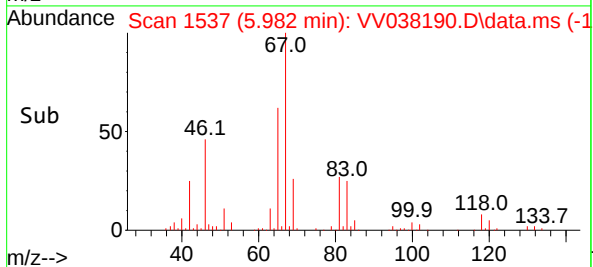
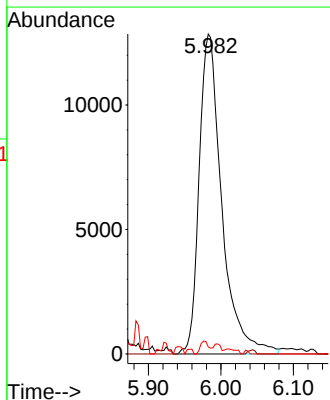
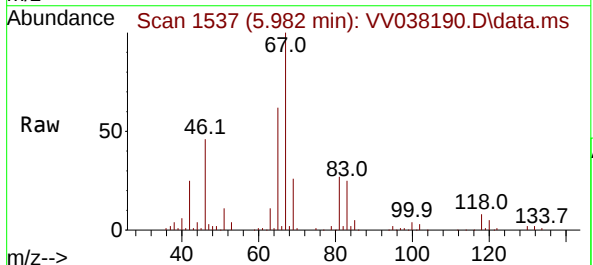
Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.8	83.2
132	98.5	68.3	126.8
130	102.7	70.2	130.4

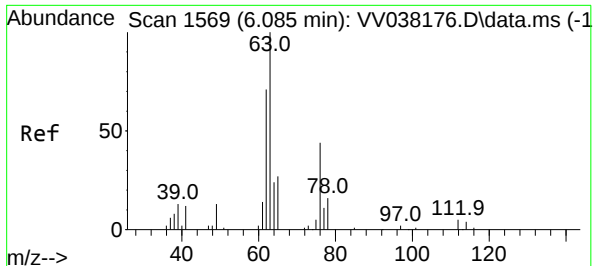


#35
Methylcyclohexane
Concen: 1.019 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

Tgt Ion: 83 Resp: 27862

Ion	Ratio	Lower	Upper
83	100		
55	0.4	59.7	89.5#
98	0.0	39.0	58.4#





#37

1,2-Dichloropropane

Concen: 0.648 ug/L

RT: 5.982 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV038190.D

Acq: 19 Nov 2024 20:34

Instrument :

MSVOA_V

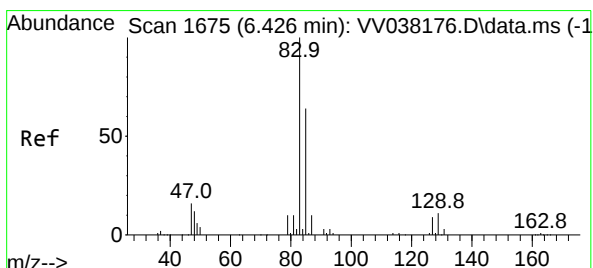
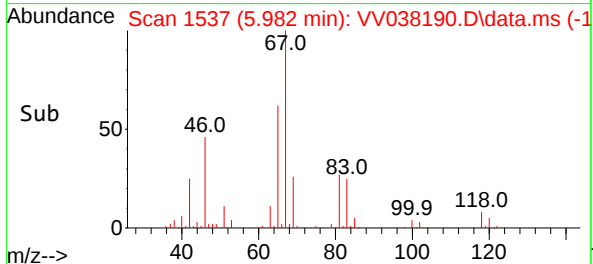
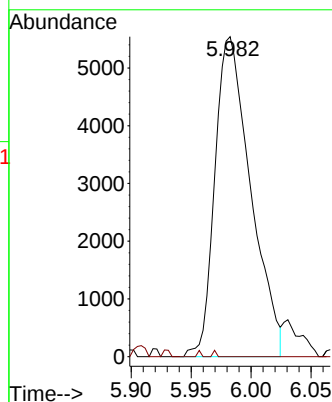
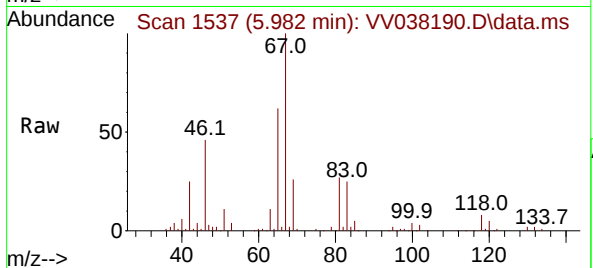
ClientSampleId :

Tgt Ion: 63 Resp: 11500

Ion Ratio Lower Upper

63 100

112 0.2 3.9 5.9#



#38

Bromodichloromethane

Concen: 0.002 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.016 min

Lab File: VV038190.D

Acq: 19 Nov 2024 20:34

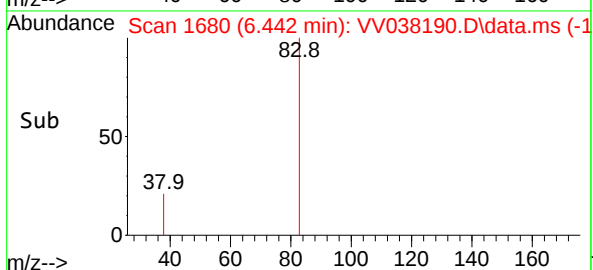
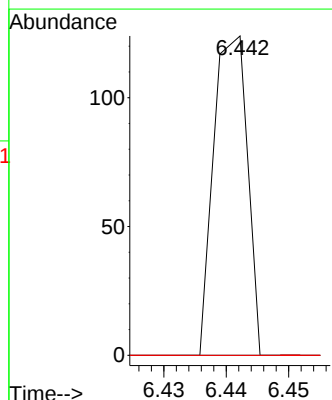
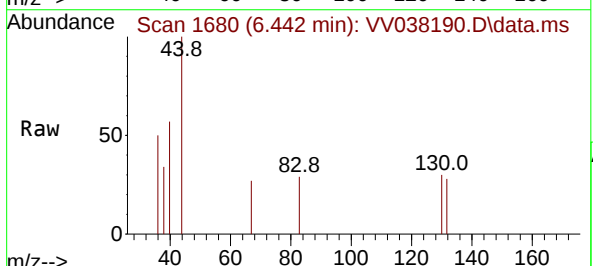
Tgt Ion: 83 Resp: 46

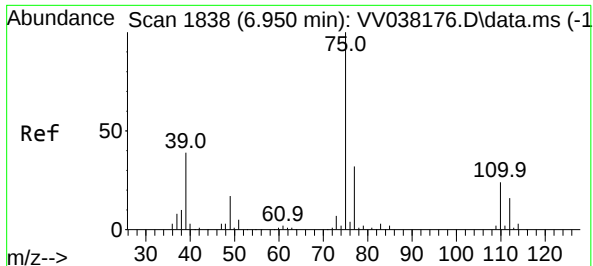
Ion Ratio Lower Upper

83 100

85 0.0 43.9 81.5#

127 0.0 6.7 10.1#





#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 6.912 min Scan# 1826

Delta R.T. -0.038 min

Lab File: VV038190.D

Acq: 19 Nov 2024 20:34

Instrument :

MSVOA_V

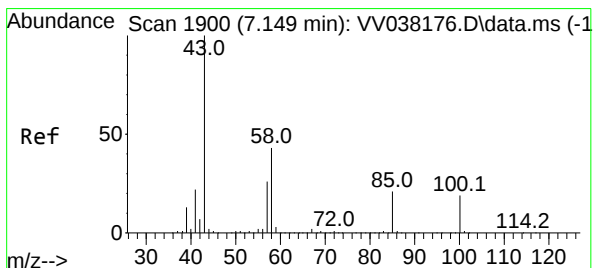
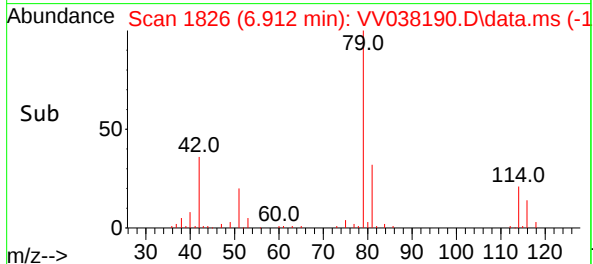
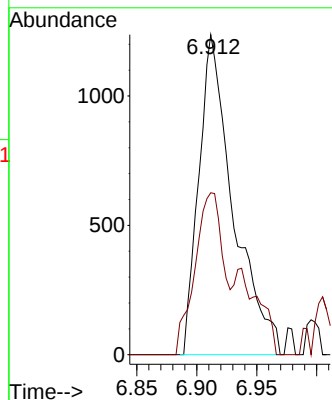
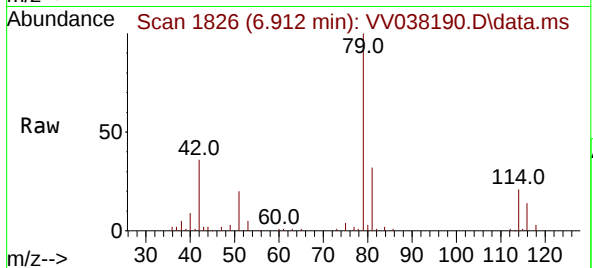
ClientSampleId :

Tgt Ion: 75 Resp: 2465

Ion Ratio Lower Upper

75 100

77 50.6 23.4 43.6#



#40

4-Methyl-2-pentanone

Concen: 0.008 ug/L

RT: 7.137 min Scan# 1896

Delta R.T. -0.013 min

Lab File: VV038190.D

Acq: 19 Nov 2024 20:34

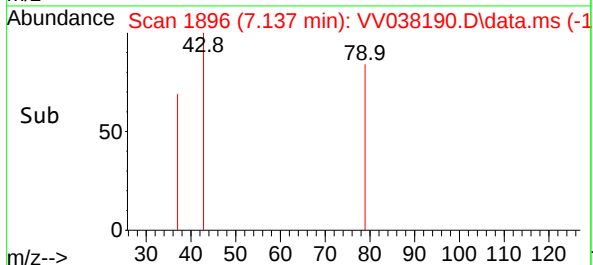
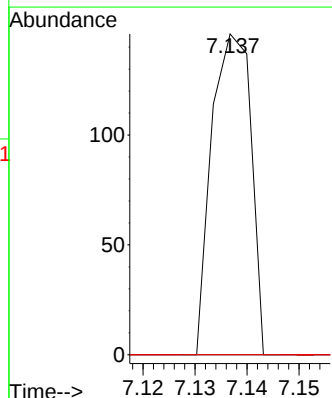
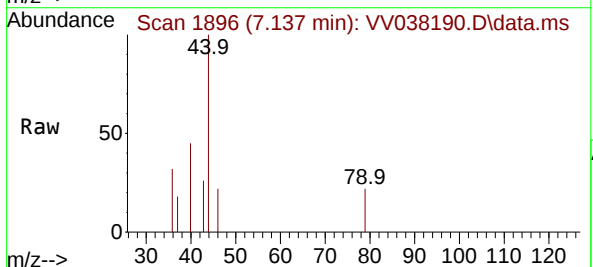
Tgt Ion: 43 Resp: 77

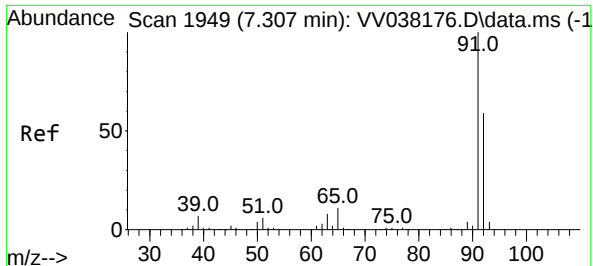
Ion Ratio Lower Upper

43 100

58 0.0 33.4 50.2#

100 0.0 14.3 21.5#





#42

Toluene

Concen: 0.205 ug/L

RT: 7.323 min Scan# 1949

Delta R.T. 0.016 min

Lab File: VV038190.D

Acq: 19 Nov 2024 20:34

Instrument :

MSVOA_V

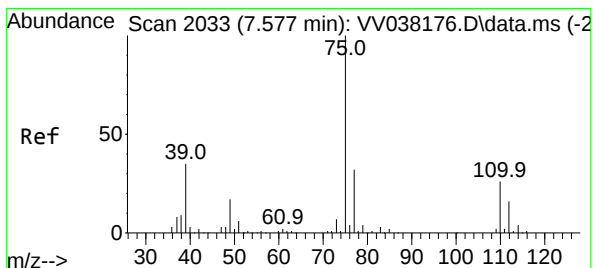
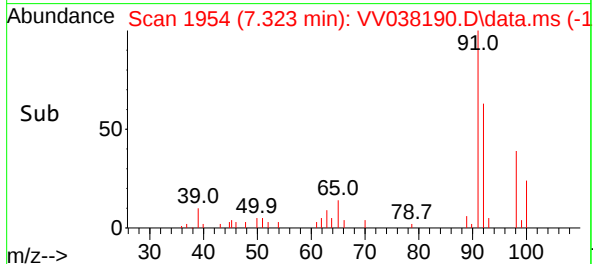
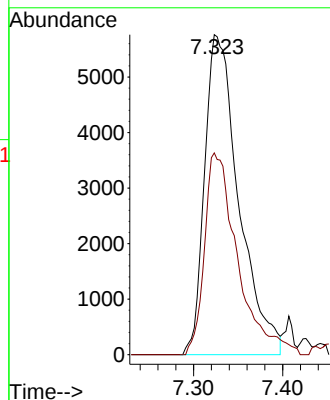
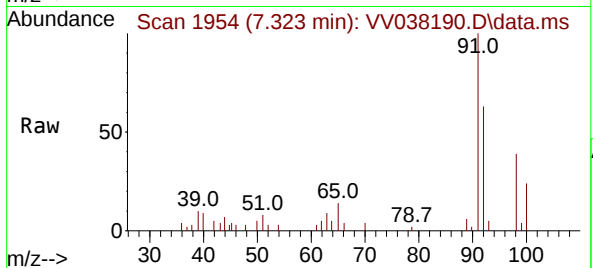
ClientSampleId :

Tgt Ion: 91 Resp: 15359

Ion Ratio Lower Upper

91 100

92 63.1 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.036 ug/L

RT: 7.555 min Scan# 2026

Delta R.T. -0.022 min

Lab File: VV038190.D

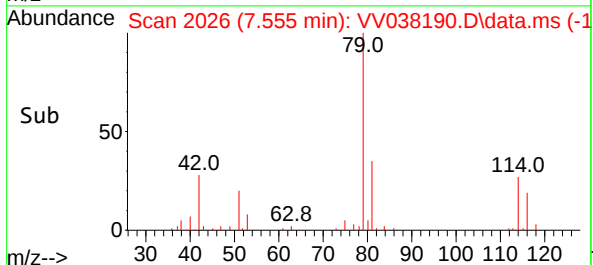
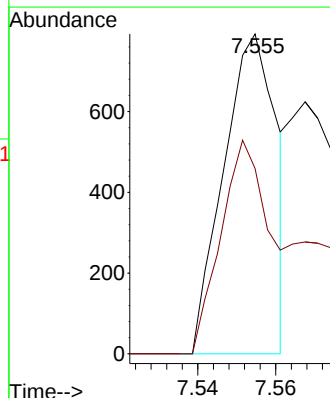
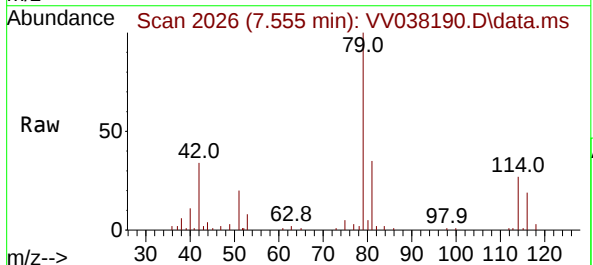
Acq: 19 Nov 2024 20:34

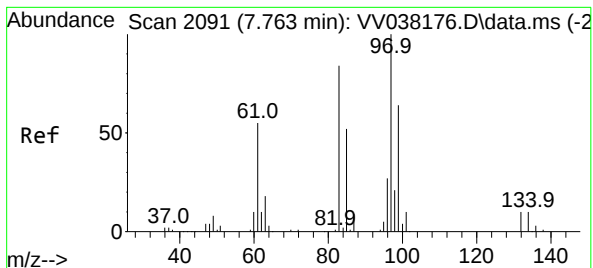
Tgt Ion: 75 Resp: 744

Ion Ratio Lower Upper

75 100

77 58.0 23.4 43.4#





#45

1,1,2-Trichloroethane

Concen: 0.041 ug/L

RT: 7.786 min Scan# 2098

Delta R.T. 0.023 min

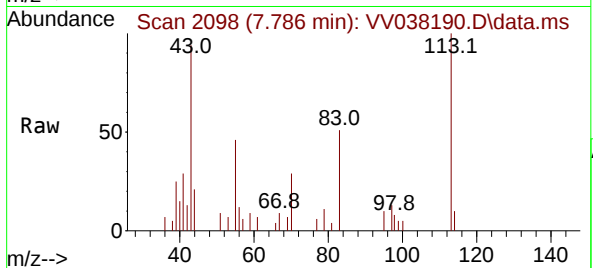
Lab File: VV038190.D

Acq: 19 Nov 2024 20:34

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 590

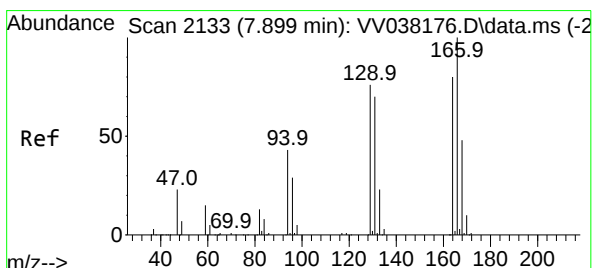
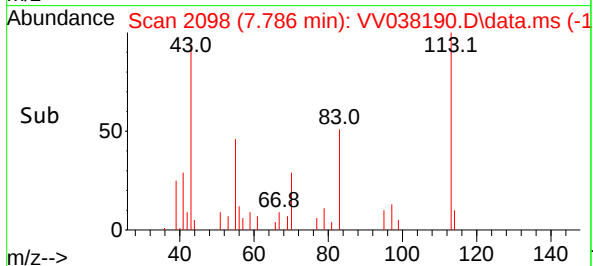
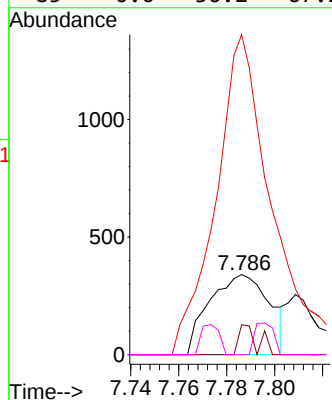
Ion Ratio Lower Upper

97 100

99 37.2 41.9 77.7#

83 399.1 57.7 107.1#

85 0.0 36.2 67.2#



#47

Tetrachloroethene

Concen: 25.452 ug/L

RT: 7.896 min Scan# 2132

Delta R.T. -0.003 min

Lab File: VV038190.D

Acq: 19 Nov 2024 20:34

Tgt Ion:164 Resp: 395175

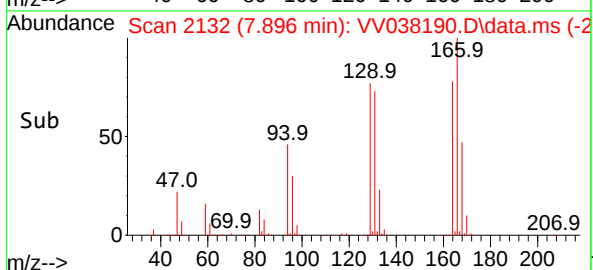
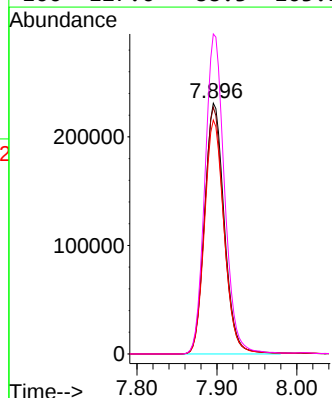
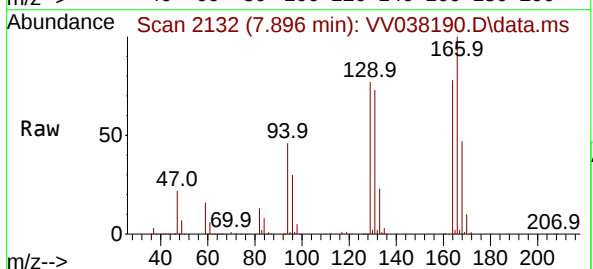
Ion Ratio Lower Upper

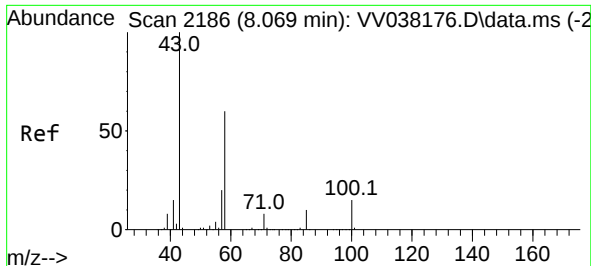
164 100

129 98.4 68.5 127.1

131 93.3 64.8 120.4

166 127.6 88.3 163.9

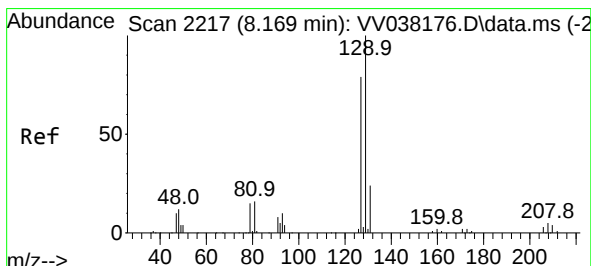
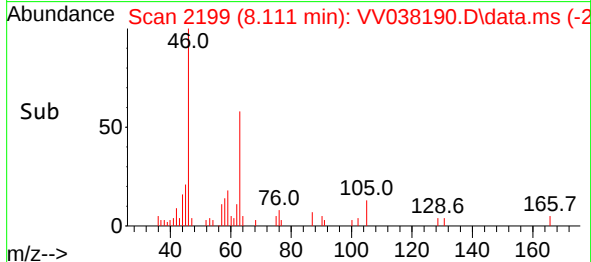
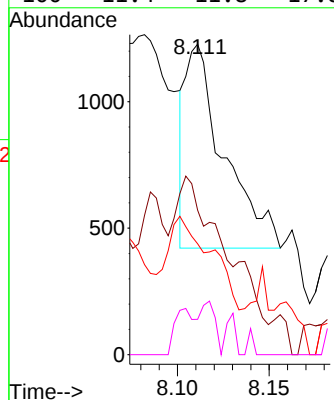
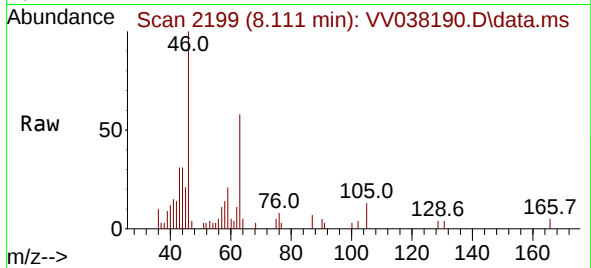




#48
2-Hexanone
Concen: 0.175 ug/L
RT: 8.111 min Scan# 2117
Delta R.T. 0.042 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

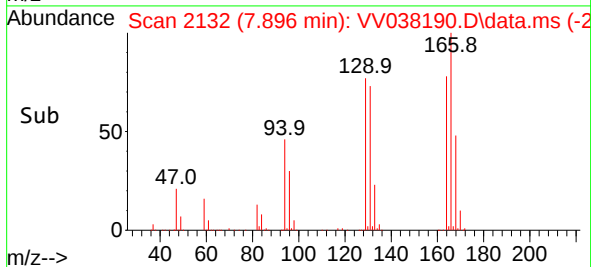
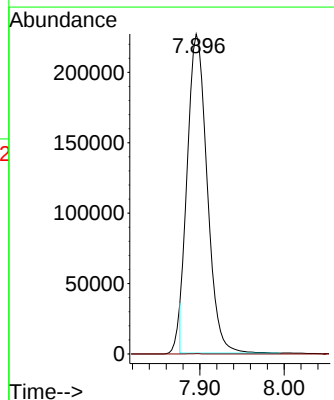
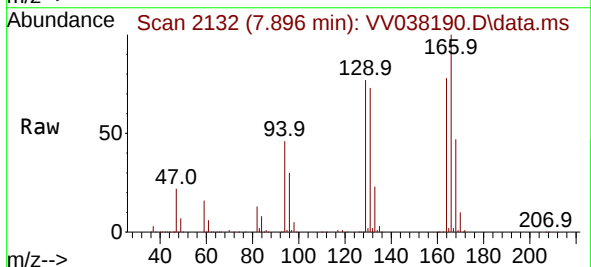
Instrument :
MSVOA_V
ClientSampleId :

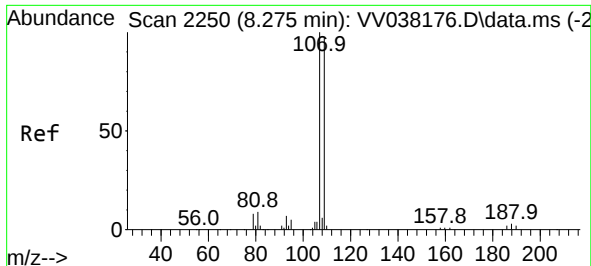
Tgt Ion: 43	Resp: 1177
Ion Ratio	Lower Upper
43 100	
58 0.0	49.2 73.8#
57 0.0	16.9 25.3#
100 11.4	11.8 17.8#



#49
Dibromochloromethane
Concen: 23.332 ug/L
RT: 7.896 min Scan# 2132
Delta R.T. -0.273 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

Tgt Ion:129	Resp: 366279		
Ion Ratio	Lower	Upper	
129 100			
127 0.1	53.5	99.3#	





#50

1,2-Dibromoethane

Concen: 0.003 ug/L

RT: 8.034 min Scan# 2175

Delta R.T. -0.241 min

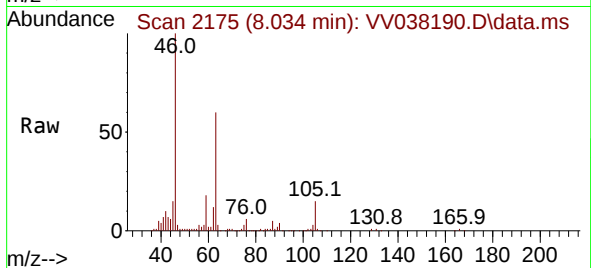
Lab File: VV038190.D

Acq: 19 Nov 2024 20:34

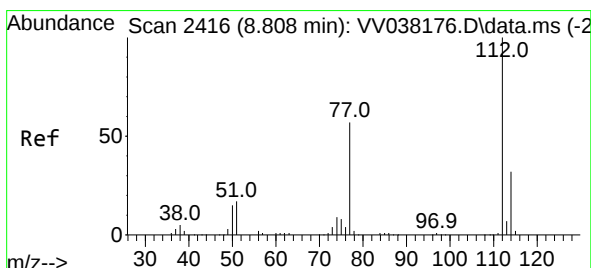
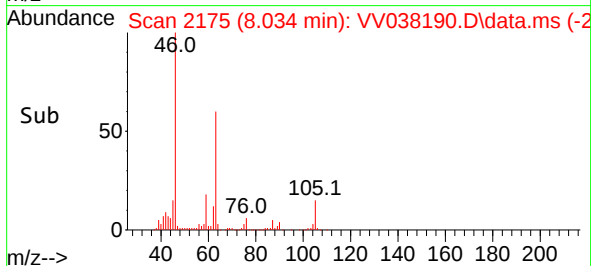
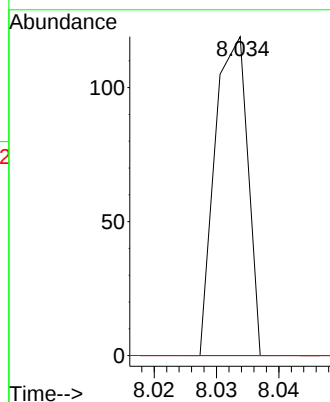
Instrument :

MSVOA_V

ClientSampleId :



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: 0.177 ug/L

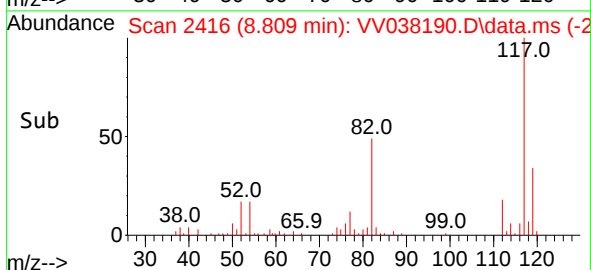
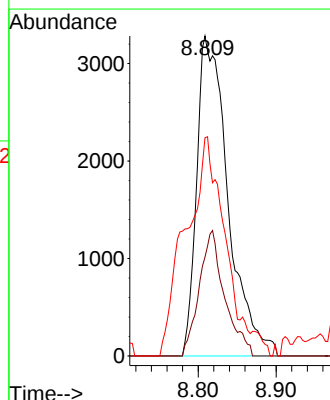
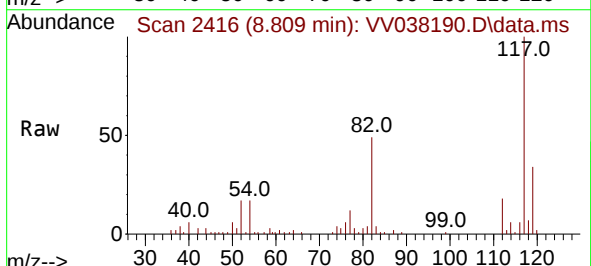
RT: 8.809 min Scan# 2416

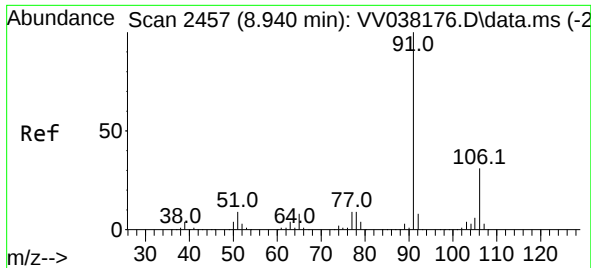
Delta R.T. 0.000 min

Lab File: VV038190.D

Acq: 19 Nov 2024 20:34

Tgt Ion:	112	Resp:	9159
Ion	Ratio	Lower	Upper
112	100		
114	30.9	22.0	40.8
77	68.2	45.0	67.4#

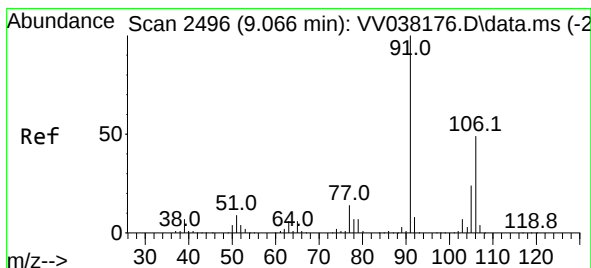
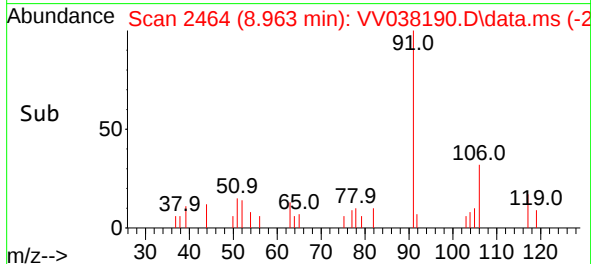
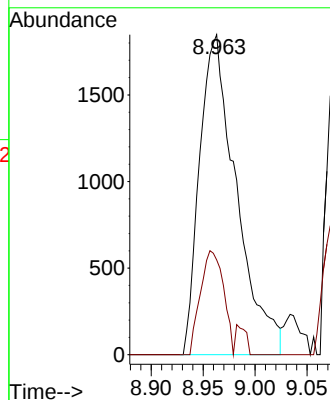
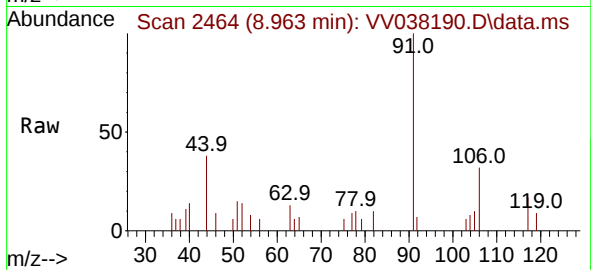




#52
Ethylbenzene
Concen: 0.057 ug/L
RT: 8.963 min Scan# 2457
Delta R.T. 0.023 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

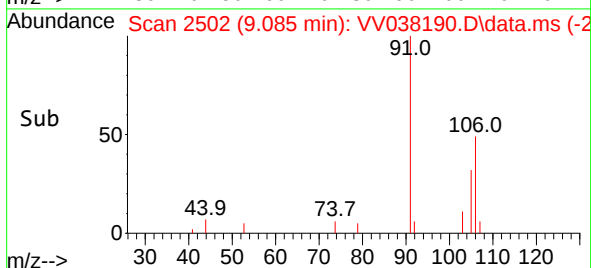
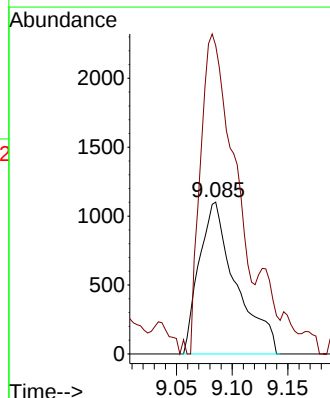
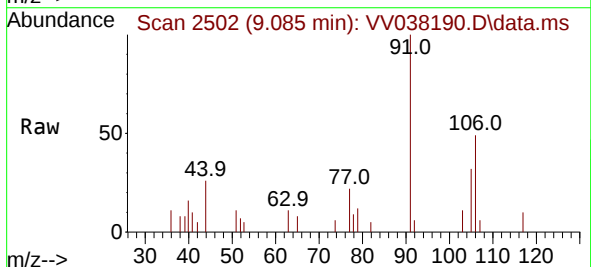
Instrument :
MSVOA_V
ClientSampleId :

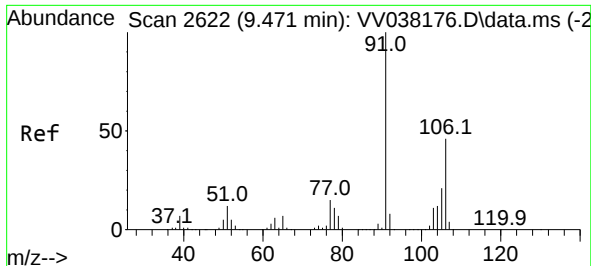
Tgt Ion: 91 Resp: 4552
Ion Ratio Lower Upper
91 100
106 29.6 21.8 40.4



#53
m,p-Xylene
Concen: 0.085 ug/L
RT: 9.085 min Scan# 2502
Delta R.T. 0.020 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

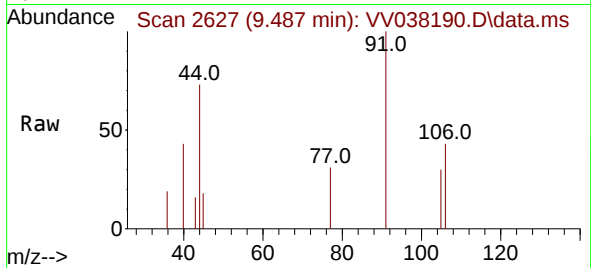
Tgt Ion: 106 Resp: 2540
Ion Ratio Lower Upper
106 100
91 203.0 138.7 257.5



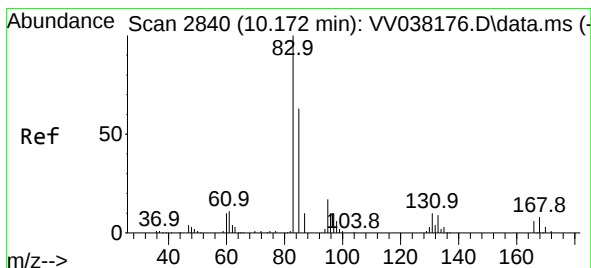
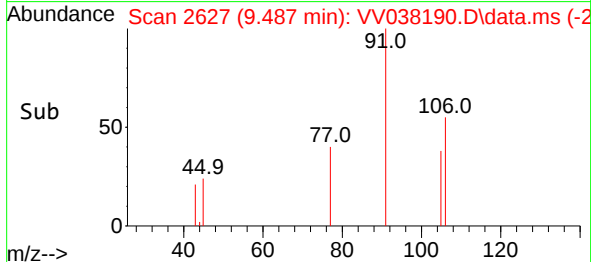
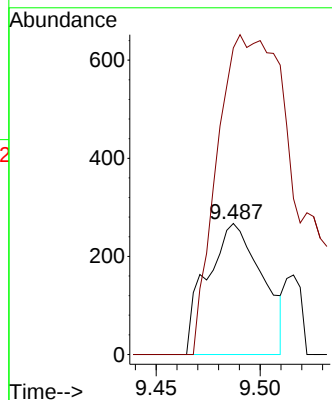


#54
o-Xylene
Concen: 0.017 ug/L
RT: 9.487 min Scan# 20
Delta R.T. 0.016 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

Instrument :
MSVOA_V
ClientSampleId :

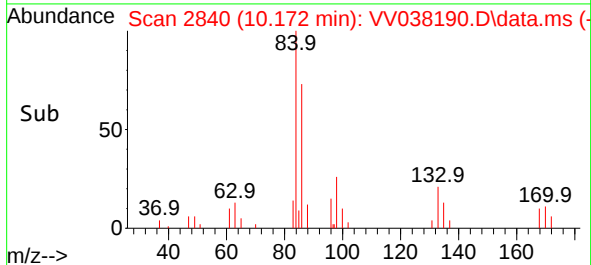
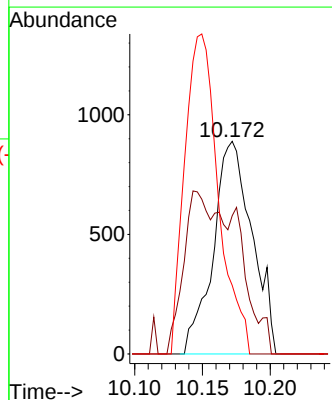
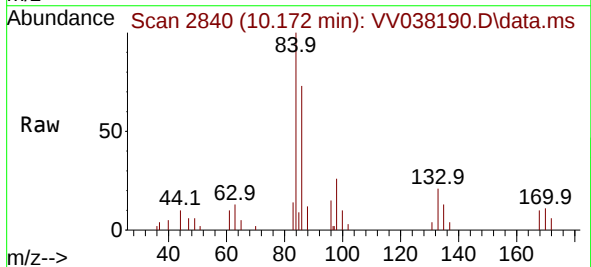


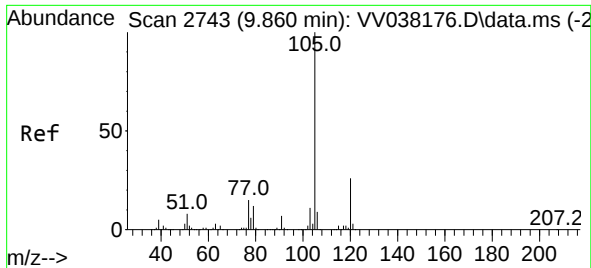
Tgt Ion:106 Resp: 493
Ion Ratio Lower Upper
106 100
91 234.1 155.5 288.7



#57
1,1,2,2-Tetrachloroethane
Concen: 0.106 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

Tgt Ion: 83 Resp: 1777
Ion Ratio Lower Upper
83 100
85 65.0 45.7 84.9
131 32.3 8.2 12.4#

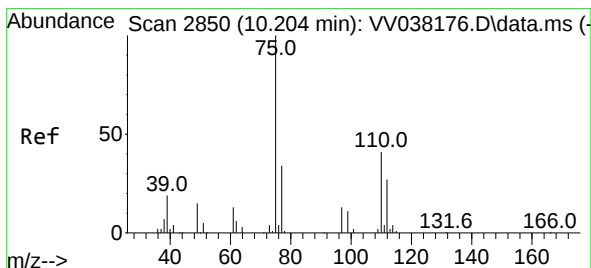
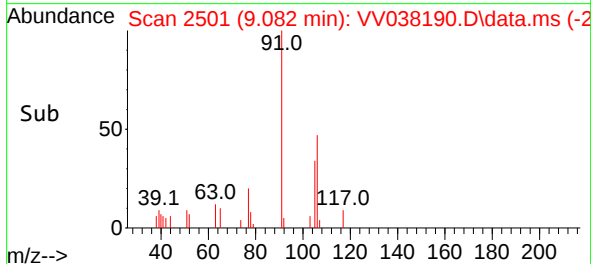
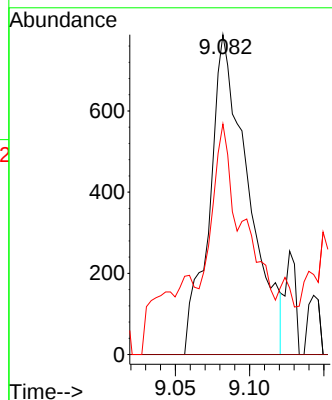
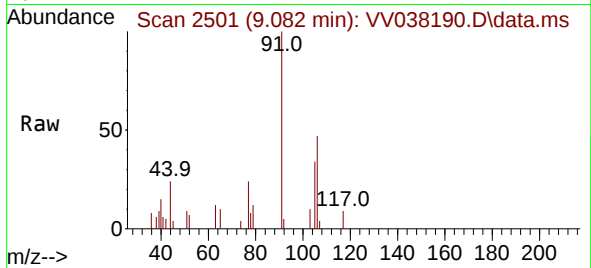




#60
Isopropylbenzene
Concen: 0.023 ug/L
RT: 9.082 min Scan# 21
Delta R.T. -0.778 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

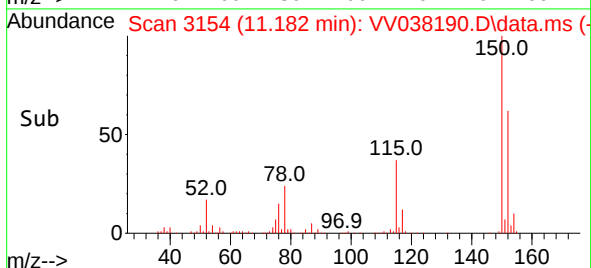
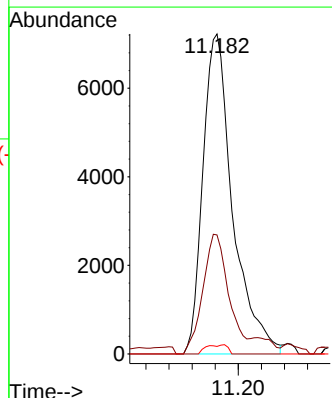
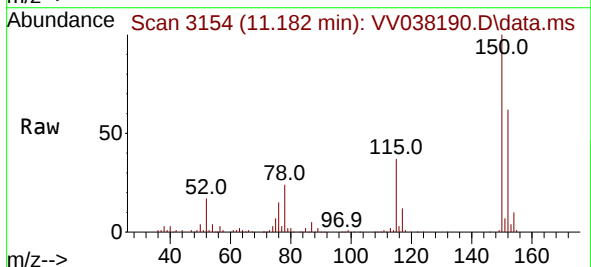
Instrument :
MSVOA_V
ClientSampleId :

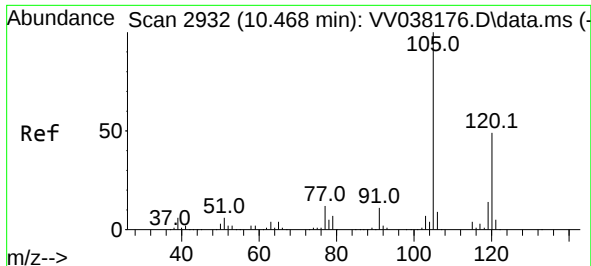
Tgt Ion:105 Resp: 1433
Ion Ratio Lower Upper
105 100
120 0.0 20.8 31.2#
77 51.2 12.2 18.2#



#61
1,2,3-Trichloropropane
Concen: 1.372 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.978 min
Lab File: VV038190.D
Acq: 19 Nov 2024 20:34

Tgt Ion: 75 Resp: 12926
Ion Ratio Lower Upper
75 100
77 32.8 26.4 39.6
110 2.0 32.3 48.5#





#62

1,3,5-Trimethylbenzene

Concen: 0.003 ug/L

RT: 10.487 min Scan# 2932

Delta R.T. 0.020 min

Lab File: VV038190.D

Acq: 19 Nov 2024 20:34

Instrument :

MSVOA_V

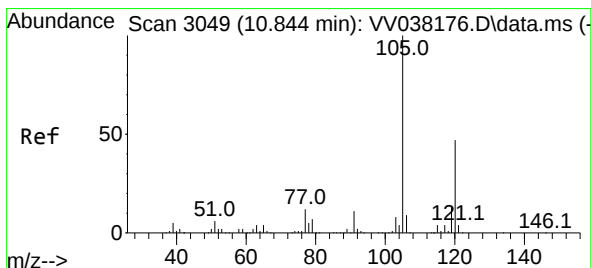
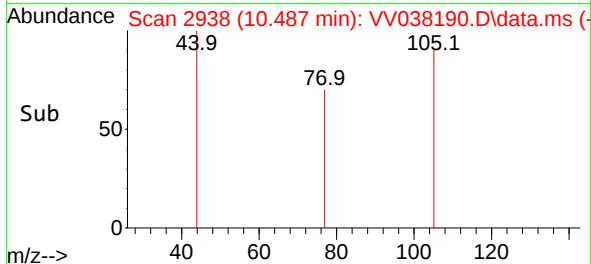
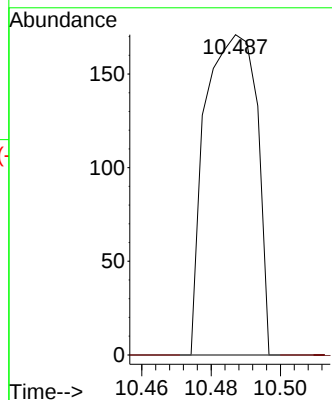
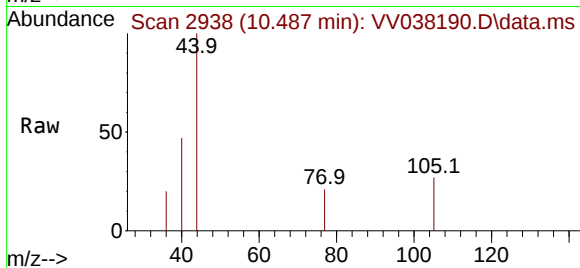
ClientSampleId :

Tgt Ion:105 Resp: 176

Ion Ratio Lower Upper

105 100

120 0.0 39.2 58.8#



#63

1,2,4-Trimethylbenzene

Concen: 0.004 ug/L

RT: 10.873 min Scan# 3058

Delta R.T. 0.029 min

Lab File: VV038190.D

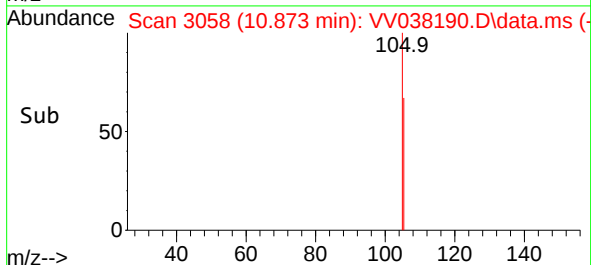
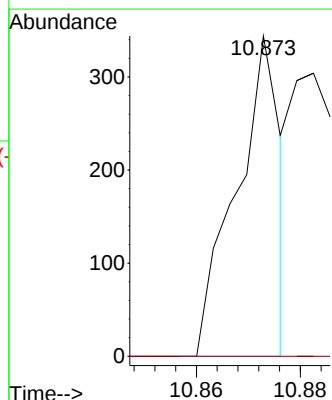
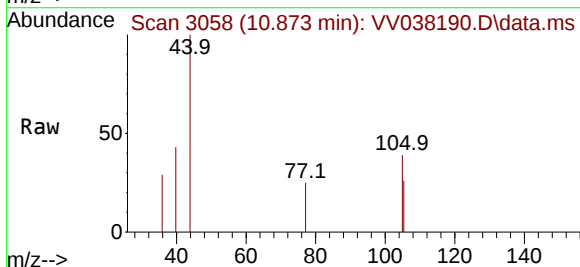
Acq: 19 Nov 2024 20:34

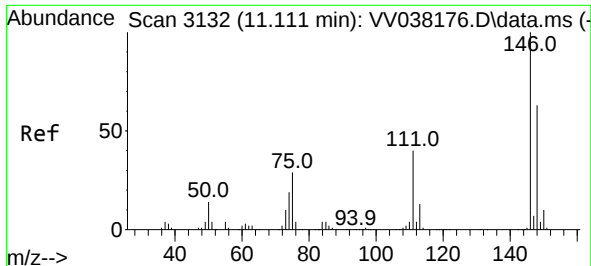
Tgt Ion:105 Resp: 204

Ion Ratio Lower Upper

105 100

120 0.0 37.0 55.4#

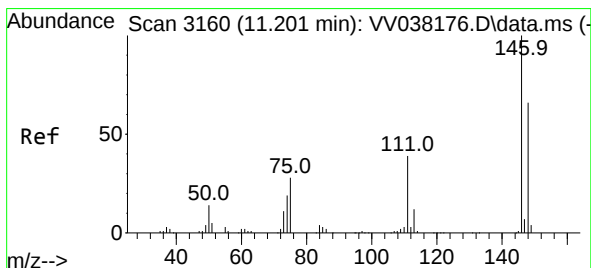
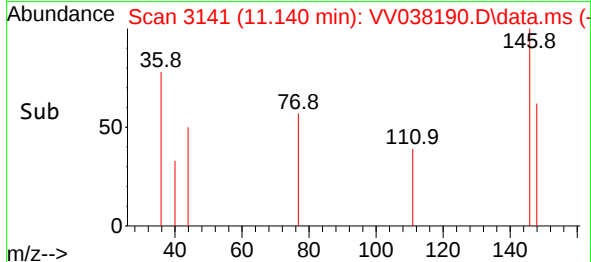
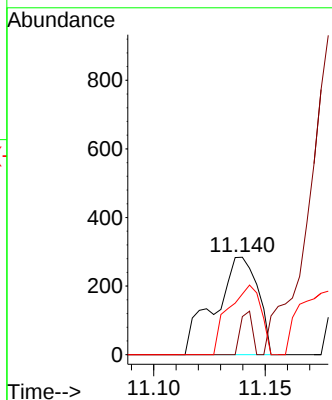
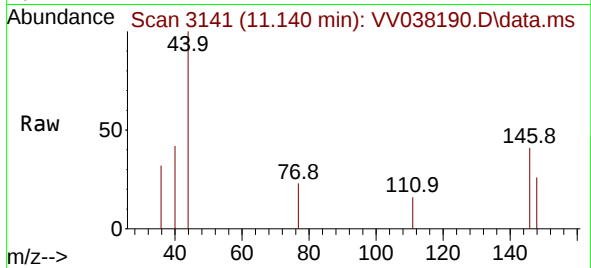




#64
 1,3-Dichlorobenzene
 Concen: 0.011 ug/L
 RT: 11.140 min Scan# 3141
 Delta R.T. 0.029 min
 Lab File: VV038190.D
 Acq: 19 Nov 2024 20:34

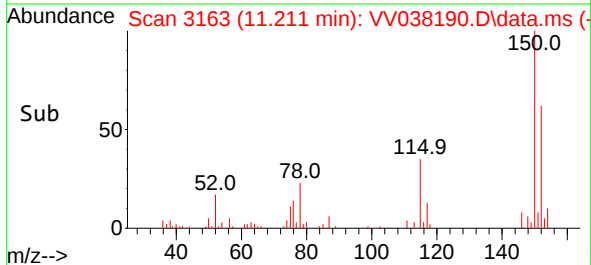
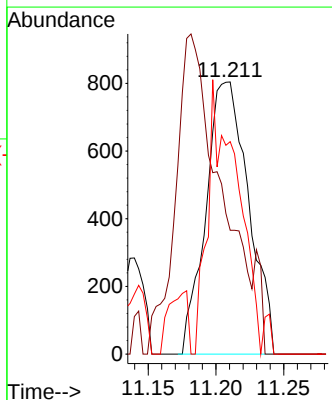
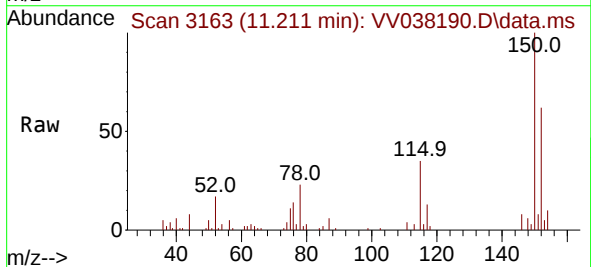
Instrument :
 MSVOA_V
 ClientSampleId :

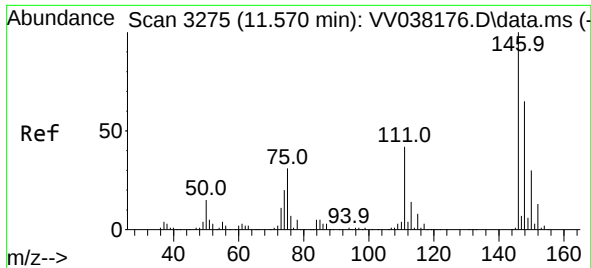
Tgt Ion:146 Resp: 384
 Ion Ratio Lower Upper
 146 100
 111 39.1 28.2 52.4
 148 62.3 44.2 82.2



#65
 1,4-Dichlorobenzene
 Concen: 0.051 ug/L
 RT: 11.211 min Scan# 3163
 Delta R.T. 0.010 min
 Lab File: VV038190.D
 Acq: 19 Nov 2024 20:34

Tgt Ion:146 Resp: 1764
 Ion Ratio Lower Upper
 146 100
 111 45.5 27.4 50.8
 148 78.1 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 0.097 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038190.D

Acq: 19 Nov 2024 20:34

Instrument :

MSVOA_V

ClientSampleId :

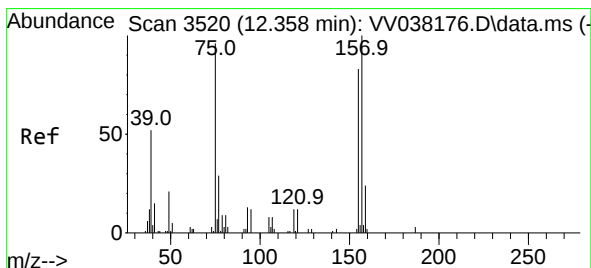
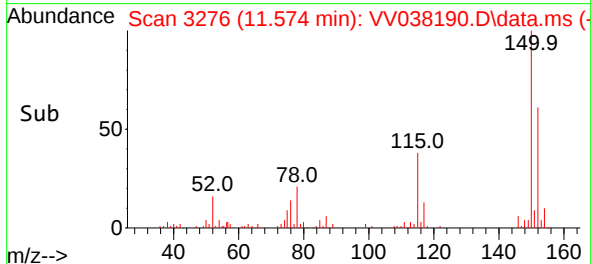
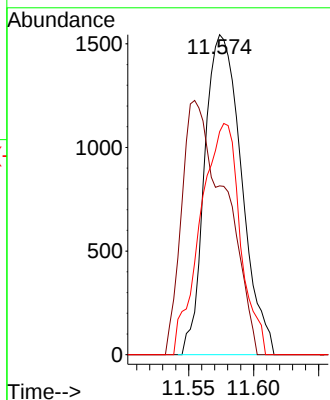
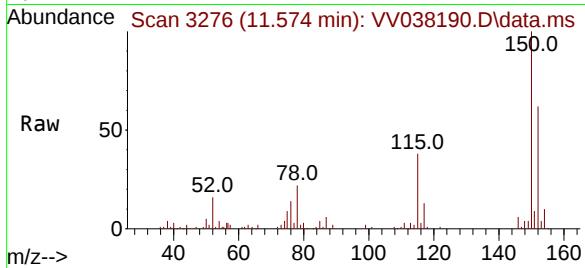
Tgt Ion:146 Resp: 3048

Ion Ratio Lower Upper

146 100

111 52.8 34.2 51.2#

148 69.7 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 0.098 ug/L

RT: 12.185 min Scan# 3466

Delta R.T. -0.173 min

Lab File: VV038190.D

Acq: 19 Nov 2024 20:34

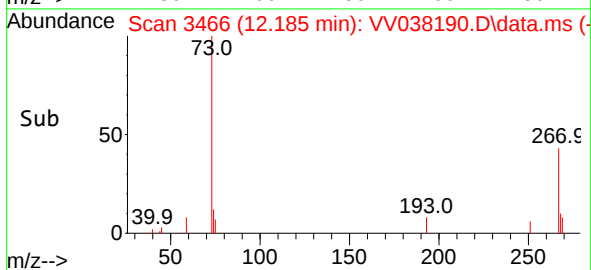
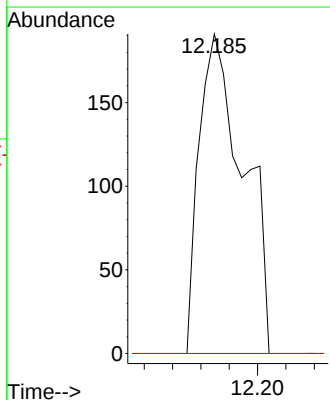
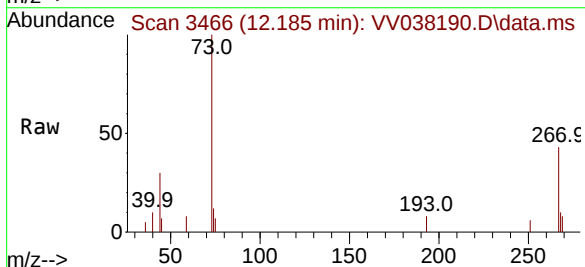
Tgt Ion: 75 Resp: 207

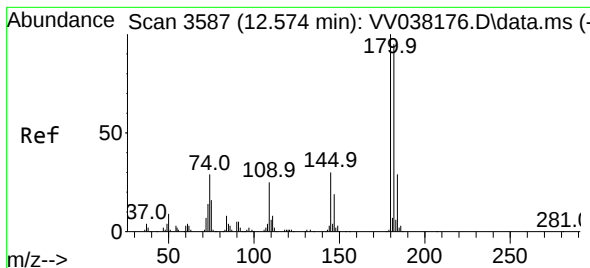
Ion Ratio Lower Upper

75 100

155 0.0 67.5 101.3#

157 0.0 82.7 124.1#





#69

1,3,5-Trichlorobenzene

Concen: 0.003 ug/L

RT: 12.596 min Scan# 3

Delta R.T. 0.023 min

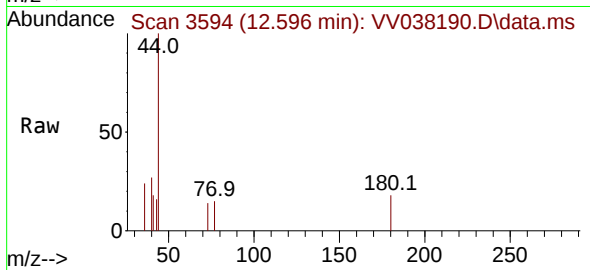
Lab File: VV038190.D

Acq: 19 Nov 2024 20:34

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 74

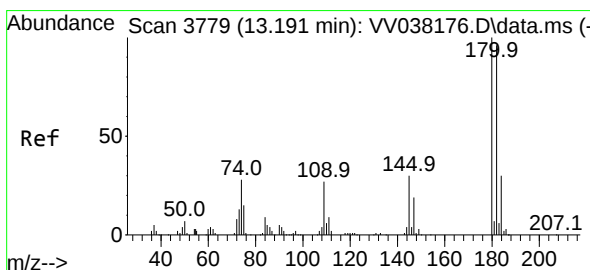
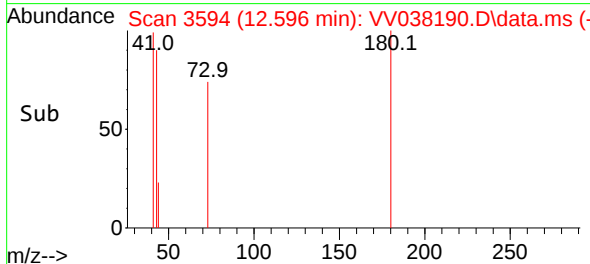
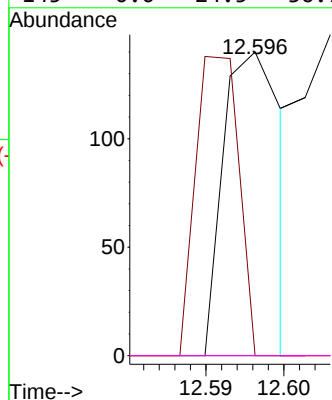
Ion Ratio Lower Upper

180 100

182 71.6 76.0 114.0#

184 0.0 23.7 35.5#

145 0.0 24.5 36.7#



#70

1,2,4-trichlorobenzene

Concen: 0.017 ug/L

RT: 13.217 min Scan# 3787

Delta R.T. 0.026 min

Lab File: VV038190.D

Acq: 19 Nov 2024 20:34

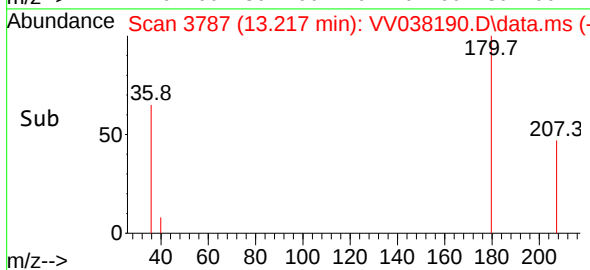
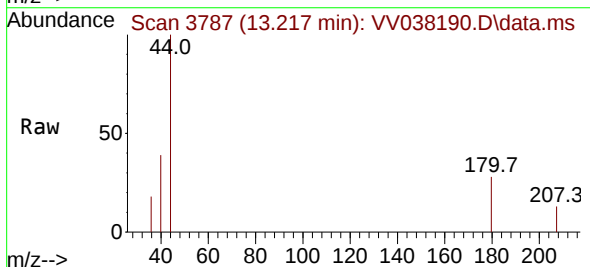
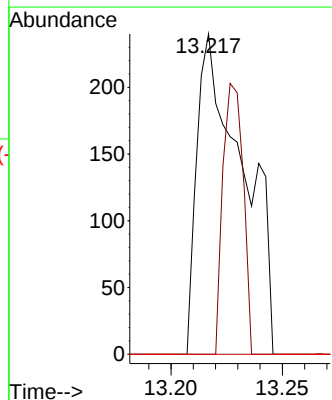
Tgt Ion:180 Resp: 341

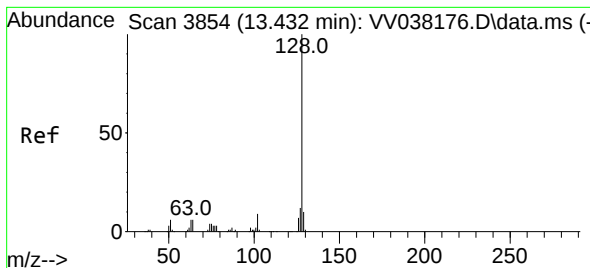
Ion Ratio Lower Upper

180 100

182 37.5 73.8 110.8#

145 0.0 24.6 37.0#





#71

Naphthalene

Concen: 0.003 ug/L

RT: 13.471 min Scan# 3937

Delta R.T. 0.039 min

Lab File: VV038190.D

Acq: 19 Nov 2024 20:34

Instrument :

MSVOA_V

ClientSampleId :

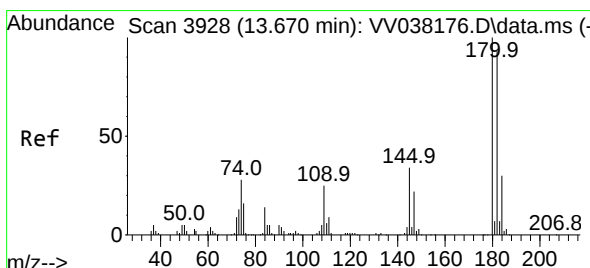
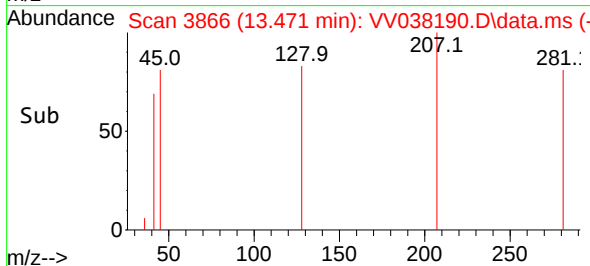
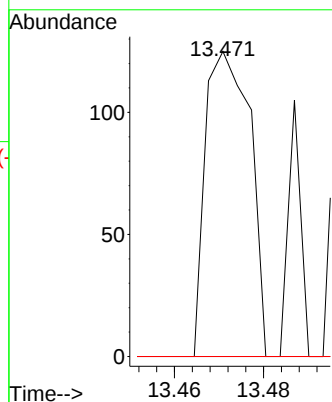
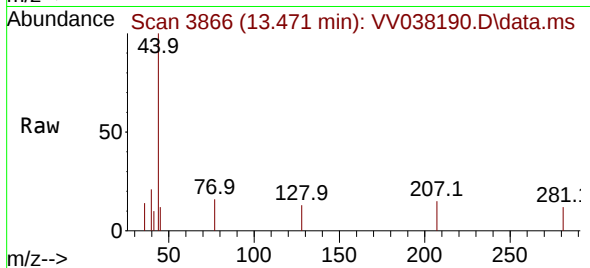
Tgt Ion:128 Resp: 87

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: 0.003 ug/L

RT: 13.699 min Scan# 3937

Delta R.T. 0.029 min

Lab File: VV038190.D

Acq: 19 Nov 2024 20:34

Tgt Ion:180 Resp: 54

Ion Ratio Lower Upper

180 100

182 96.3 75.1 112.7

145 0.0 27.0 40.4#

