

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038195.D
 Acq On : 19 Nov 2024 22:36
 Operator : SY/MD
 Sample : P4882-09
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 20 00:23:22 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	221988	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	253078	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	106971	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	78966	4.641	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.526	69	75702	5.500	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.000%
11) 1,1-Dichloroethene-d2	2.050	65	35938	4.908	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.200%
20) 2-Butanone-d5	3.780	46	186218	54.709	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.420%
24) Chloroform-d	4.240	84	178492	5.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.200%
26) 1,2-Dichloroethane-d4	4.937	65	90329	6.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.000%
32) Benzene-d6	4.950	84	317982	4.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	5.982	67	103684	5.151	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.236	98	261450	4.320	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	7.558	79	32997	4.410	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.018	63	175537	60.346	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.700%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	92644	5.422	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	104021	5.707	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	75	0.004	ug/L #	42
3) Chloromethane	1.214	50	5321	0.294	ug/L	99
5) Vinyl chloride	1.282	62	574	0.028	ug/L #	1
6) Bromomethane	1.487	94	342	0.043	ug/L	98
8) Chloroethane	1.536	64	820	0.063	ug/L #	59
9) Trichlorofluoromethane	1.709	101	3317	0.114	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	2824	0.170	ug/L #	81
12) 1,1-Dichloroethene	2.053	96	1214	0.077	ug/L #	1
13) Acetone	2.108	43	7271	2.888	ug/L	94
14) Carbon disulfide	2.230	76	1711	0.033	ug/L #	75
15) Methyl Acetate	2.394	43	259	0.042	ug/L #	47
16) Methylene chloride	2.442	84	12067	0.667	ug/L	94
17) Methyl tert-butyl Ether	2.699	73	1069	0.030	ug/L #	79
18) trans-1,2-Dichloroethene	2.696	96	137	0.008	ug/L #	1
19) 1,1-Dichloroethane	3.114	63	1591	0.052	ug/L #	83
21) 2-Butanone	3.870	43	271	0.075	ug/L #	49
22) cis-1,2-Dichloroethene	3.809	96	1626	0.094	ug/L	82
25) Chloroform	4.265	83	4750	0.146	ug/L	95
27) 1,2-Dichloroethane	5.059	62	608	0.034	ug/L #	72

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

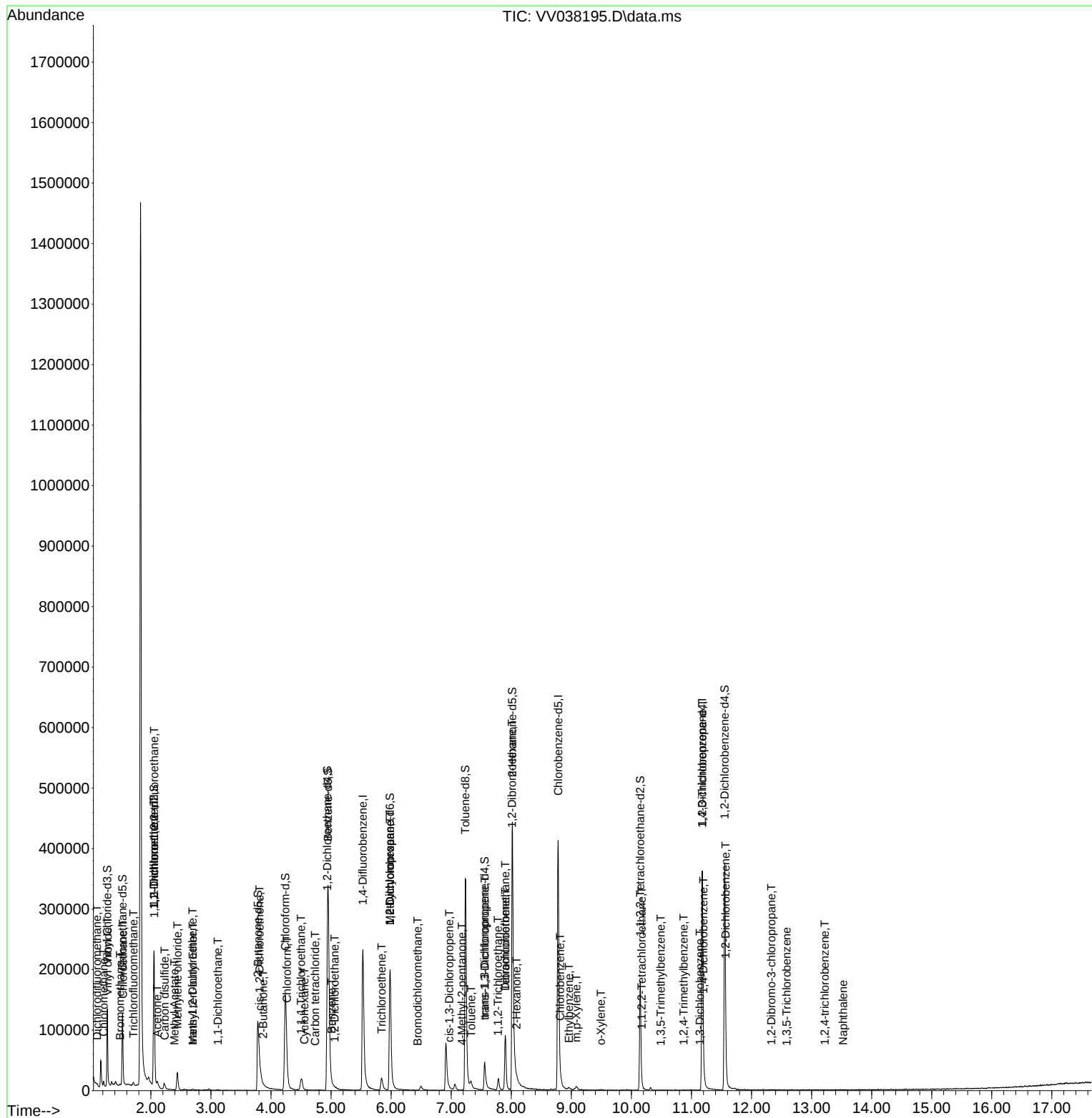
29) 1,1,1-Trichloroethane	4.503	97	16255	0.536	ug/L	99
30) Cyclohexane	4.555	56	20	0.001	ug/L #	1
31) Carbon tetrachloride	4.735	117	96	0.004	ug/L #	1
33) Benzene	5.008	78	436	0.006	ug/L	100
34) Trichloroethene	5.841	95	8413	0.434	ug/L	89
35) Methylcyclohexane	5.982	83	25956	0.947	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	11368	0.638	ug/L #	86
38) Bromodichloromethane	6.442	83	129	0.005	ug/L #	26
39) cis-1,3-Dichloropropene	6.969	75	257	0.010	ug/L #	65
40) 4-Methyl-2-pentanone	7.178	43	134	0.014	ug/L #	41
42) Toluene	7.333	91	10827	0.144	ug/L	95
44) trans-1,3-Dichloropropene	7.561	75	1351	0.064	ug/L	87
45) 1,1,2-Trichloroethane	7.780	97	112	0.008	ug/L #	1
47) Tetrachloroethene	7.902	164	22286	1.431	ug/L	94
48) 2-Hexanone	8.088	43	2006	0.297	ug/L #	74
49) Dibromochloromethane	7.902	129	21238	1.349	ug/L #	11
50) 1,2-Dibromoethane	8.011	107	84	0.006	ug/L #	5
51) Chlorobenzene	8.815	112	8312	0.160	ug/L	90
52) Ethylbenzene	8.960	91	3131	0.039	ug/L	98
53) m,p-Xylene	9.085	106	1878	0.062	ug/L	68
54) o-Xylene	9.490	106	542	0.018	ug/L	85
57) 1,1,2,2-Tetrachloroethane	10.172	83	1690	0.100	ug/L #	79
61) 1,2,3-Trichloropropane	11.178	75	12770	1.394	ug/L #	66
62) 1,3,5-Trimethylbenzene	10.487	105	234	0.005	ug/L #	28
63) 1,2,4-Trimethylbenzene	10.870	105	202	0.004	ug/L	86
64) 1,3-Dichlorobenzene	11.140	146	221	0.007	ug/L #	40
65) 1,4-Dichlorobenzene	11.201	146	641	0.019	ug/L #	59
67) 1,2-Dichlorobenzene	11.570	146	1938	0.063	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.329	75	42	0.020	ug/L #	2
69) 1,3,5-Trichlorobenzene	12.583	180	22	0.001	ug/L #	19
70) 1,2,4-trichlorobenzene	13.220	180	94	0.005	ug/L #	81
71) Naphthalene	13.525	128	44	0.001	ug/L #	70

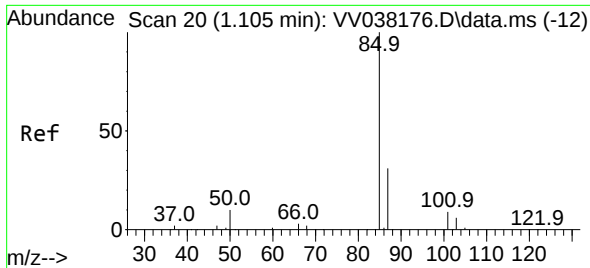
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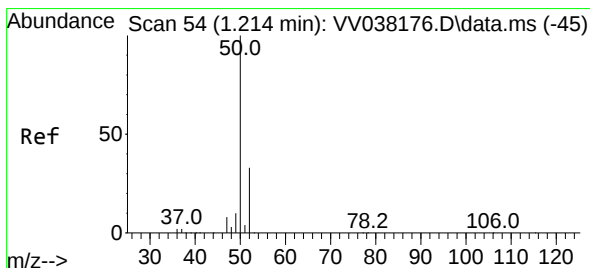
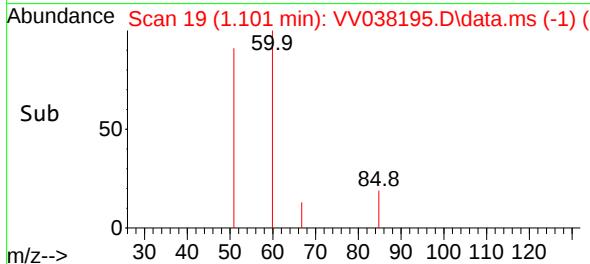
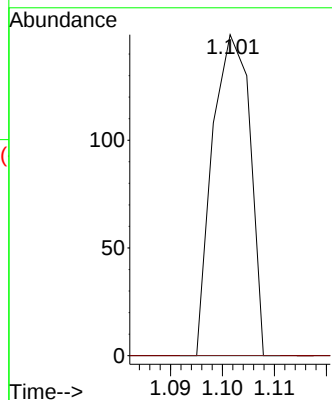
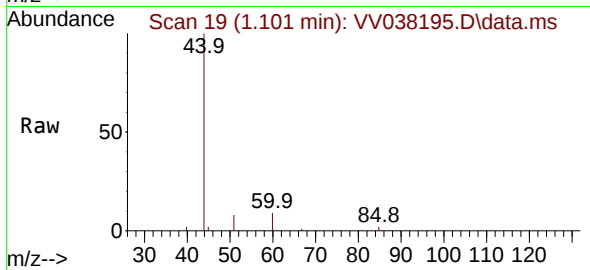




#2
 Dichlorodifluoromethane
 Concen: 0.004 ug/L
 RT: 1.101 min Scan# 19
 Delta R.T. -0.003 min
 Lab File: VV038195.D
 Acq: 19 Nov 2024 22:36

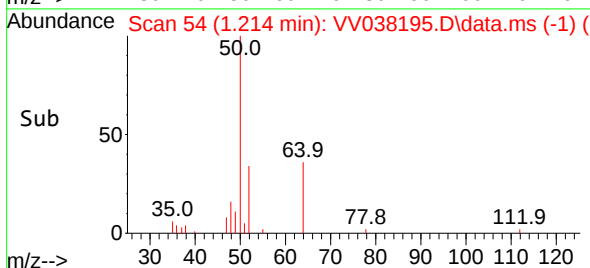
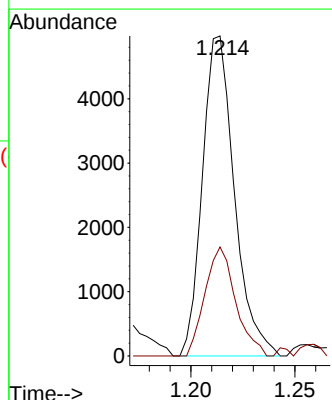
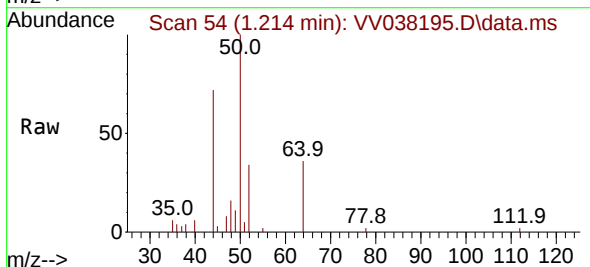
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 ClientSampleId :

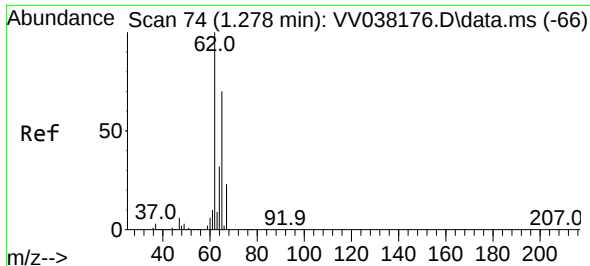
Tgt Ion: 85 Resp: 75
 Ion Ratio Lower Upper
 85 100
 87 0.0 26.5 39.7#



#3
 Chloromethane
 Concen: 0.294 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV038195.D
 Acq: 19 Nov 2024 22:36

Tgt Ion: 50 Resp: 5321
 Ion Ratio Lower Upper
 50 100
 52 34.1 23.5 43.7

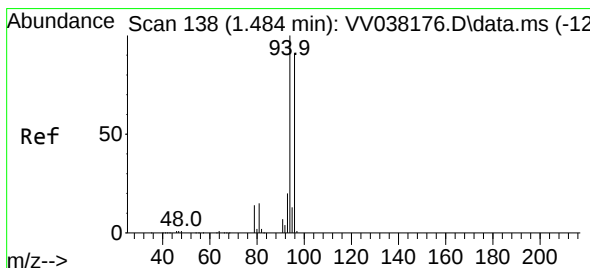
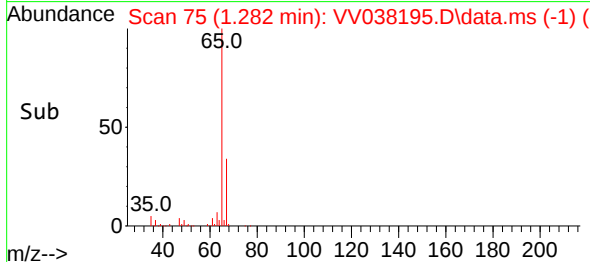
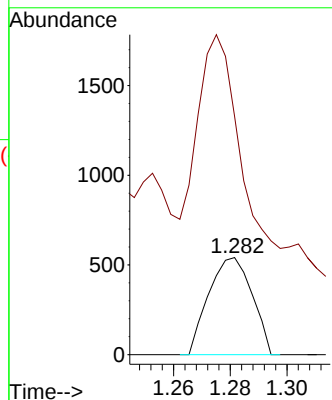
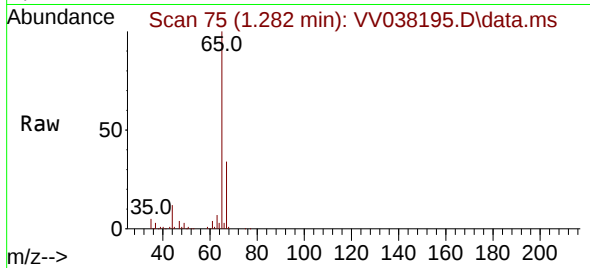




#5
 Vinyl chloride
 Concen: 0.028 ug/L
 RT: 1.282 min Scan# 74
 Delta R.T. 0.003 min
 Lab File: VV038195.D
 Acq: 19 Nov 2024 22:36

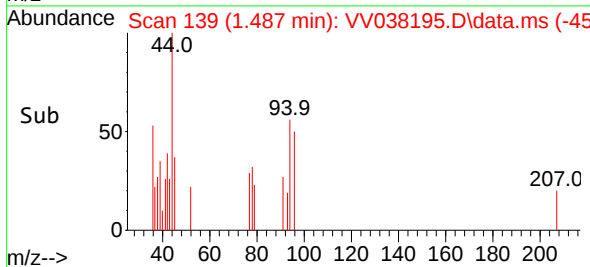
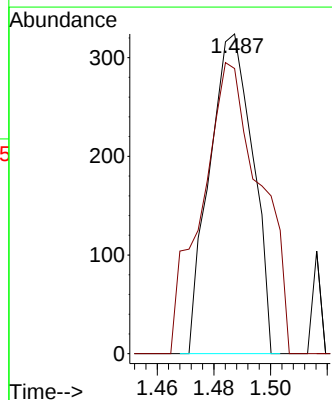
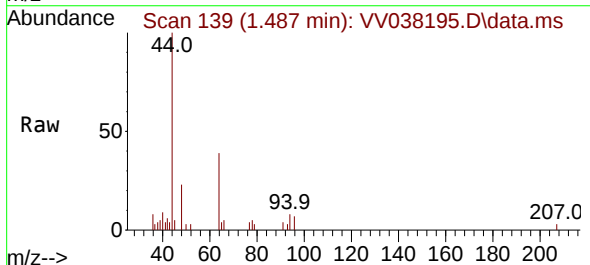
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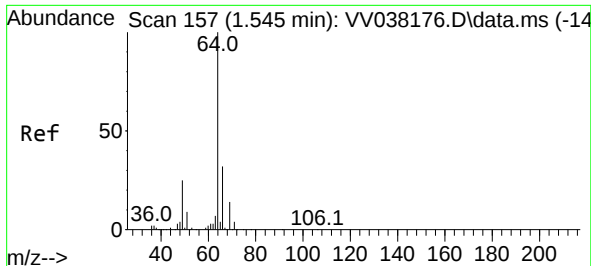
Tgt Ion: 62 Resp: 574
 Ion Ratio Lower Upper
 62 100
 64 245.5 24.4 45.4#



#6
 Bromomethane
 Concen: 0.043 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.003 min
 Lab File: VV038195.D
 Acq: 19 Nov 2024 22:36

Tgt Ion: 94 Resp: 342
 Ion Ratio Lower Upper
 94 100
 96 89.2 63.7 118.3

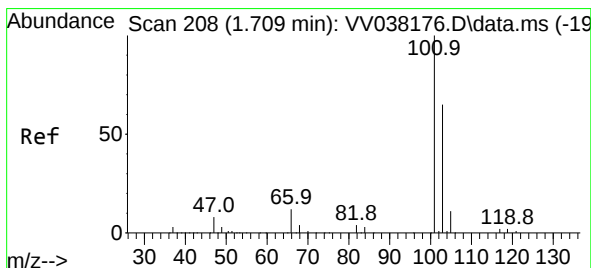
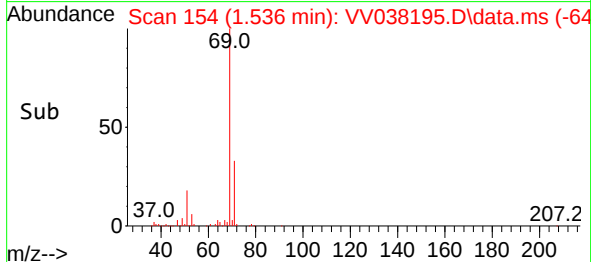
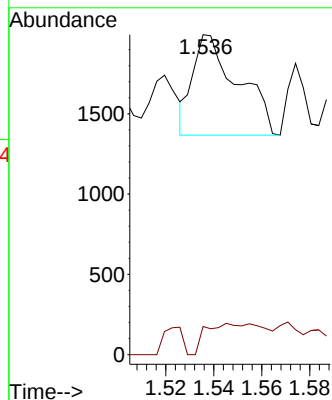
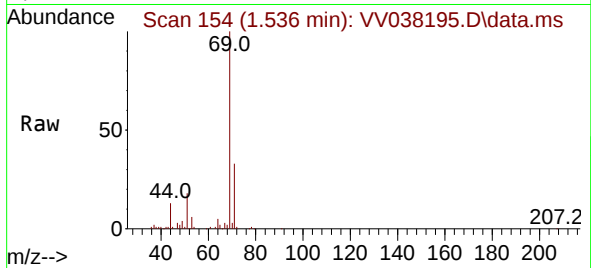




#8
Chloroethane
Concen: 0.063 ug/L
RT: 1.536 min Scan# 11
Delta R.T. -0.010 min
Lab File: VV038195.D
Acq: 19 Nov 2024 22:36

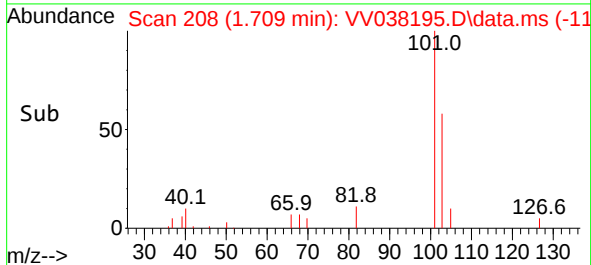
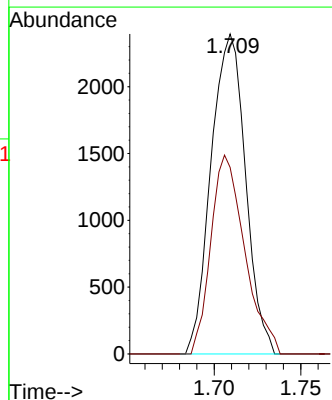
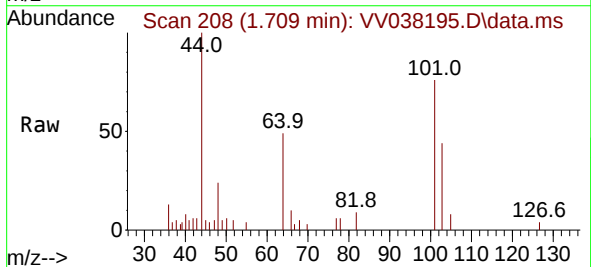
Instrument :
MSVOA_V
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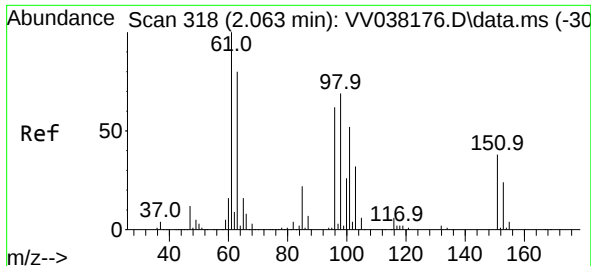
Tgt Ion: 64 Resp: 820
Ion Ratio Lower Upper
64 100
66 8.8 22.0 40.8#



#9
Trichlorofluoromethane
Concen: 0.114 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038195.D
Acq: 19 Nov 2024 22:36

Tgt Ion: 101 Resp: 3317
Ion Ratio Lower Upper
101 100
103 61.0 51.5 77.3

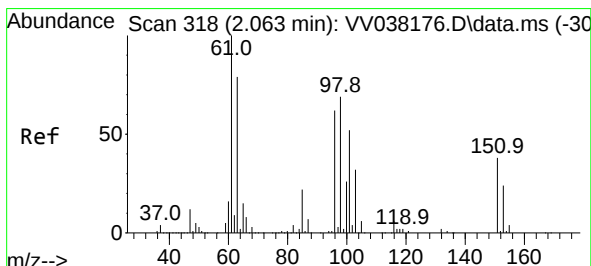
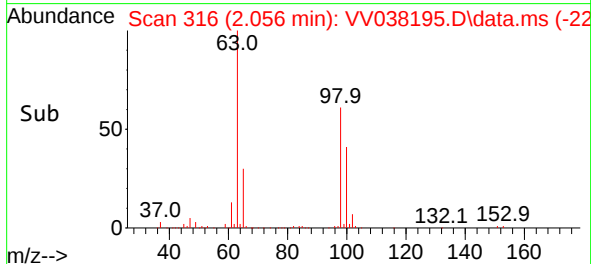
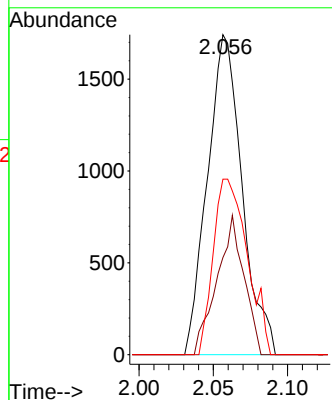
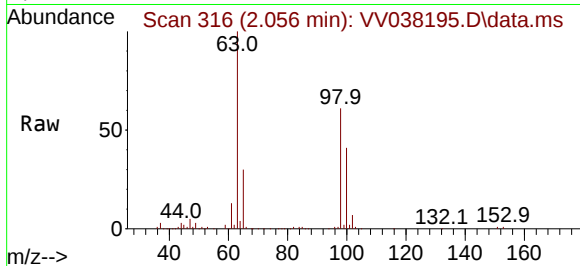




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.170 ug/L
RT: 2.056 min Scan# 316
Delta R.T. -0.006 min
Lab File: VV038195.D
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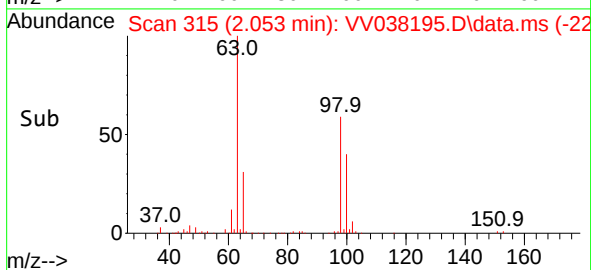
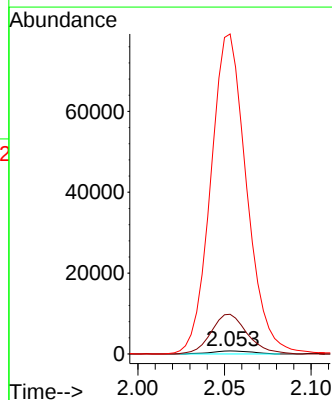
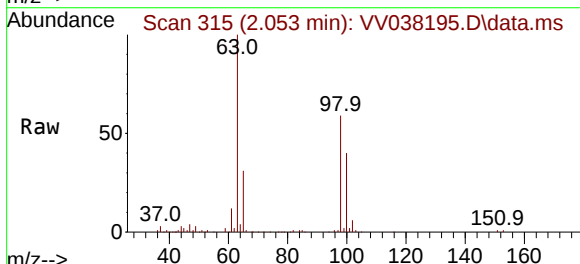
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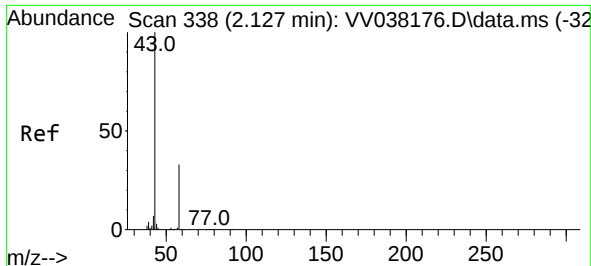
Tgt Ion:101 Resp: 2824
Ion Ratio Lower Upper
101 100
85 33.9 33.4 50.0
151 54.0 58.8 88.2#



#12
1,1-Dichloroethene
Concen: 0.077 ug/L
RT: 2.053 min Scan# 315
Delta R.T. -0.010 min
Lab File: VV038195.D
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Tgt Ion: 96 Resp: 1214
Ion Ratio Lower Upper
96 100
61 1274.8 115.7 214.9#
63 10293.9 101.1 187.7#





#13

Acetone

Concen: 2.888 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.019 min

Lab File: VV038195.D

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Instrument :

MSVOA_V

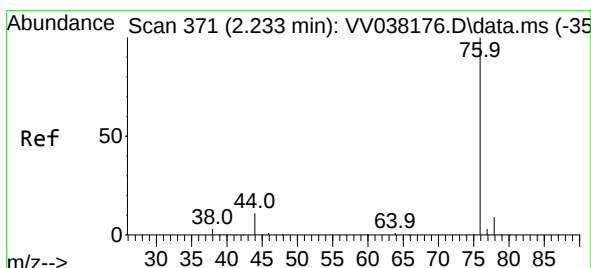
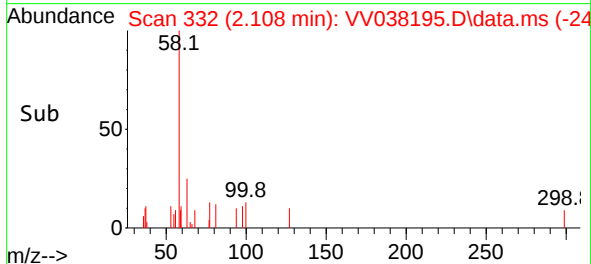
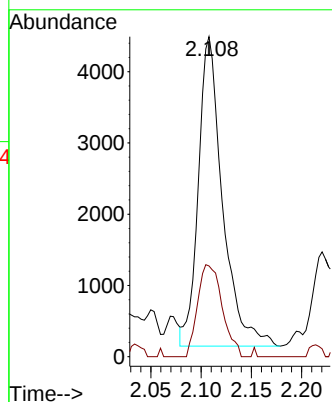
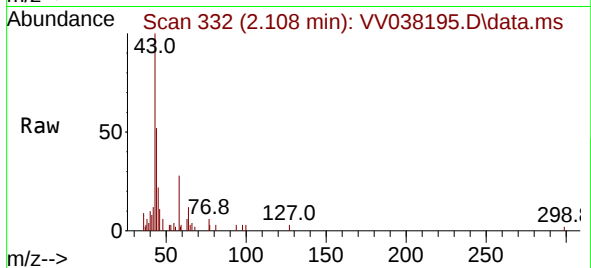
ClientSampleId :

Tgt Ion: 43 Resp: 7271

Ion Ratio Lower Upper

43 100

58 30.1 0.0 67.2



#14

Carbon disulfide

Concen: 0.033 ug/L

RT: 2.230 min Scan# 370

Delta R.T. -0.003 min

Lab File: VV038195.D

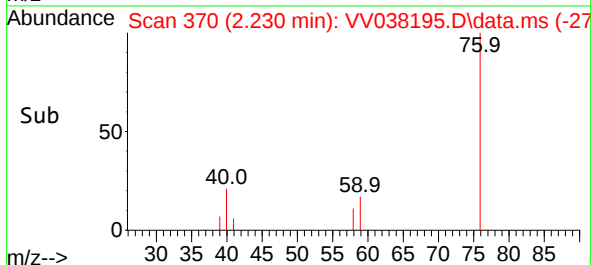
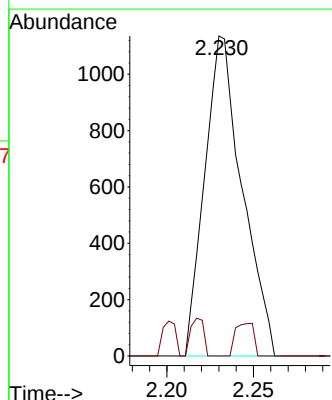
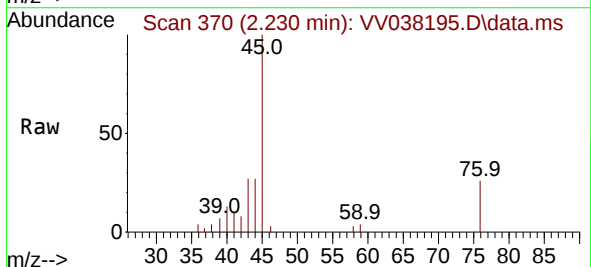
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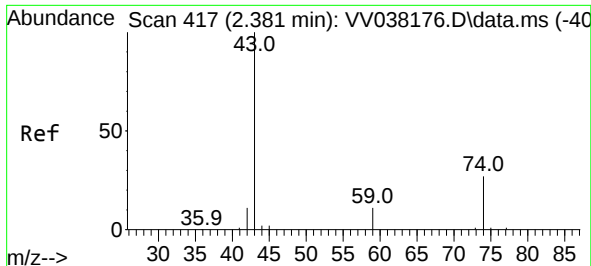
Tgt Ion: 76 Resp: 1711

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#





#15

Methyl Acetate

Concen: 0.042 ug/L

RT: 2.394 min Scan# 41

Delta R.T. 0.013 min

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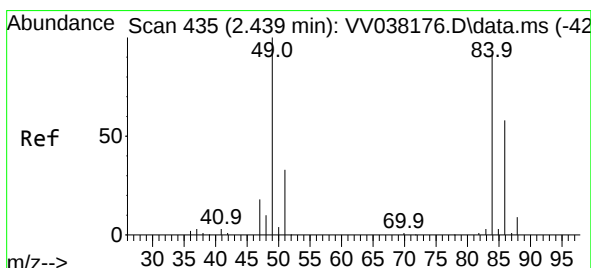
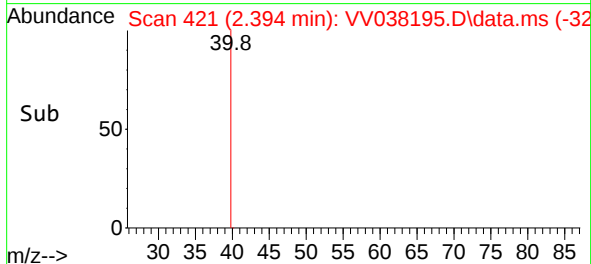
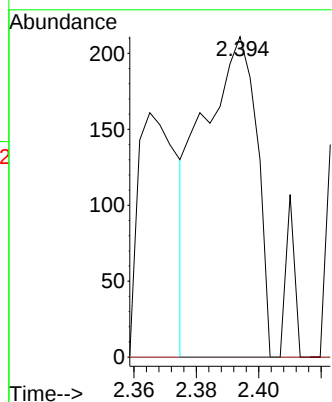
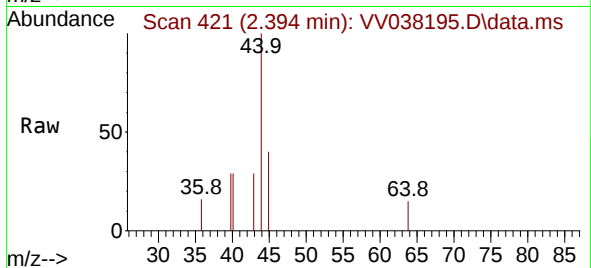
ClientSampleId :

Tgt Ion: 43 Resp: 259

Ion Ratio Lower Upper

43 100

74 0.0 22.4 33.6#



#16

Methylene chloride

Concen: 0.667 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV038195.D

Acq: 19 Nov 2024 22:36

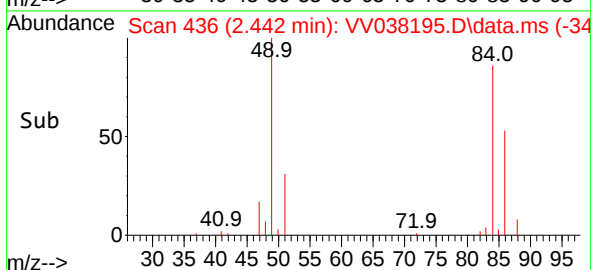
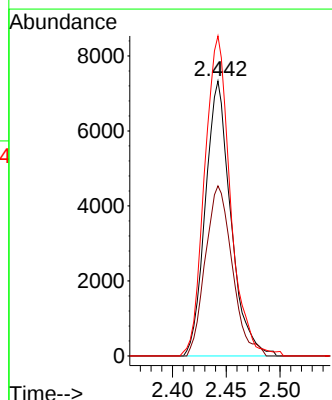
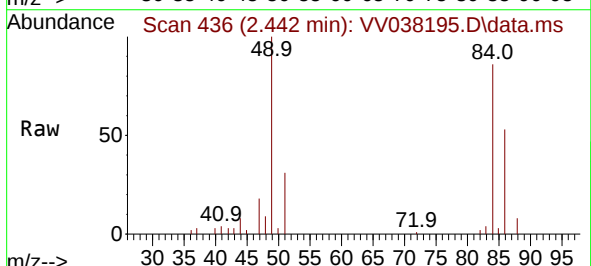
Tgt Ion: 84 Resp: 12067

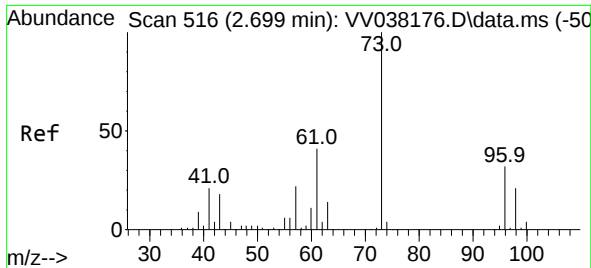
Ion Ratio Lower Upper

84 100

86 61.9 44.2 82.2

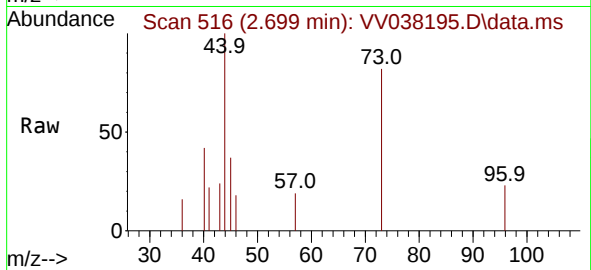
49 116.4 74.9 139.1



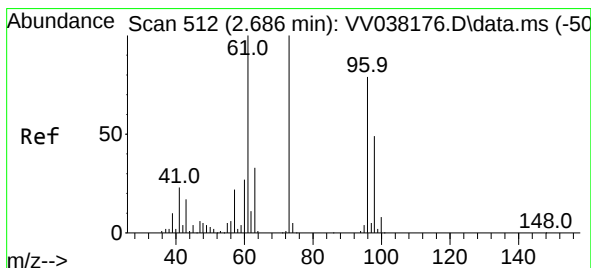
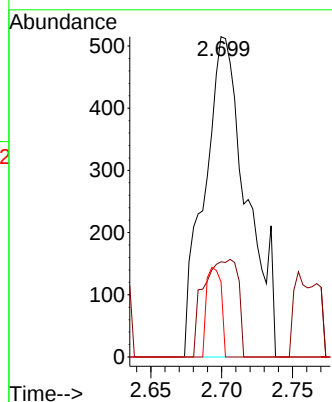
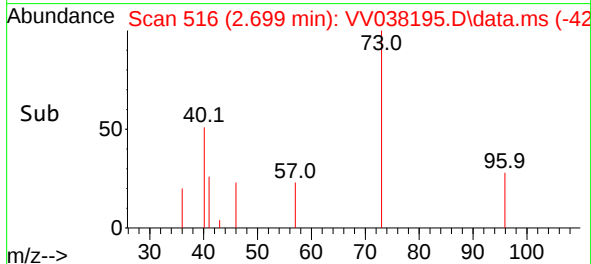


#17
Methyl tert-butyl Ether
Concen: 0.030 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV038195.D
Acq: 19 Nov 2024 22:36

Instrument :
MSVOA_V
ClientSampleId :

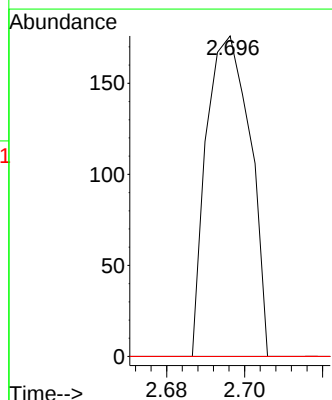
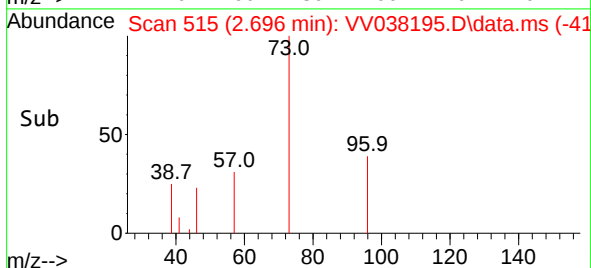
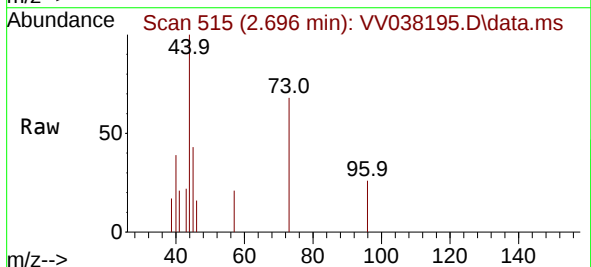


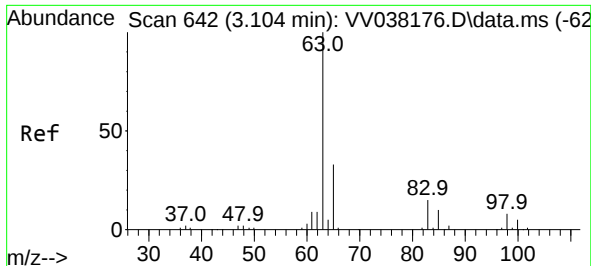
Tgt Ion: 73 Resp: 1069
Ion Ratio Lower Upper
73 100
43 24.6 14.2 21.2#
57 9.5 17.6 26.4#



#18
trans-1,2-Dichloroethene
Concen: 0.008 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.010 min
Lab File: VV038195.D
Acq: 19 Nov 2024 22:36

Tgt Ion: 96 Resp: 137
Ion Ratio Lower Upper
96 100
61 0.0 88.5 164.4#
98 0.0 43.9 81.5#





#19

1,1-Dichloroethane

Concen: 0.052 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.010 min

Lab File: VV038195.D

Acq: 19 Nov 2024 22:36

Instrument :

MSVOA_V

ClientSampleId :

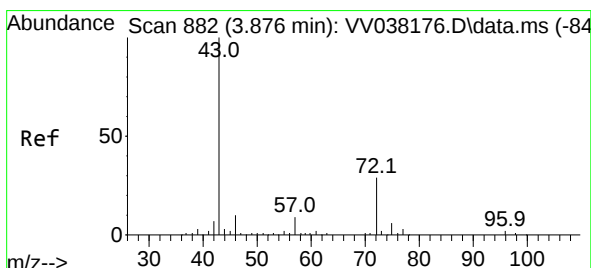
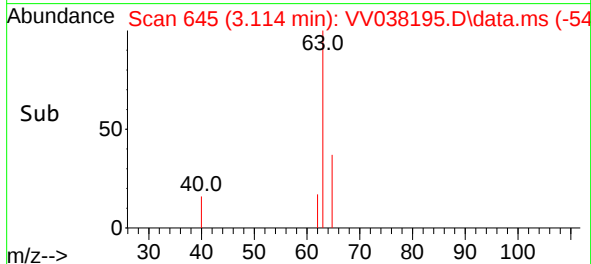
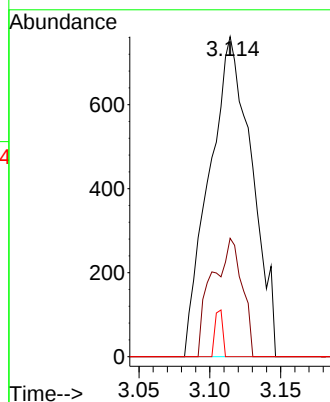
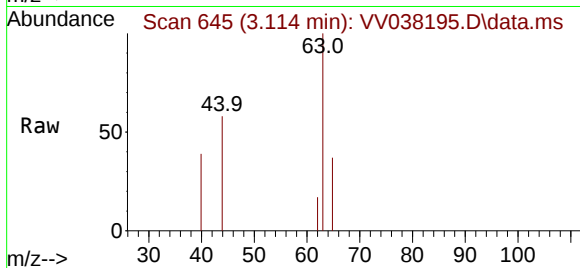
Tgt Ion: 63 Resp: 1591

Ion Ratio Lower Upper

63 100

65 37.0 22.5 41.7

83 0.0 10.1 18.9#



#21

2-Butanone

Concen: 0.075 ug/L

RT: 3.870 min Scan# 880

Delta R.T. -0.006 min

Lab File: VV038195.D

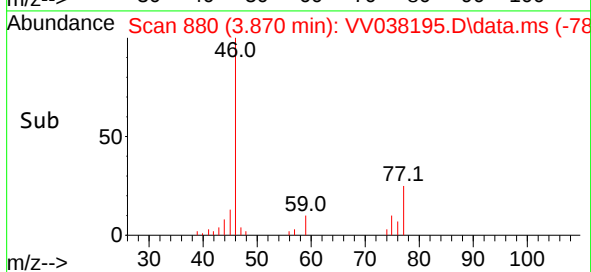
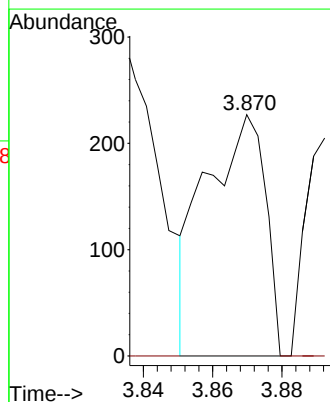
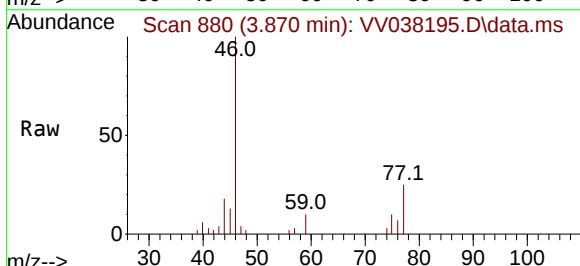
Acq: 19 Nov 2024 22:36

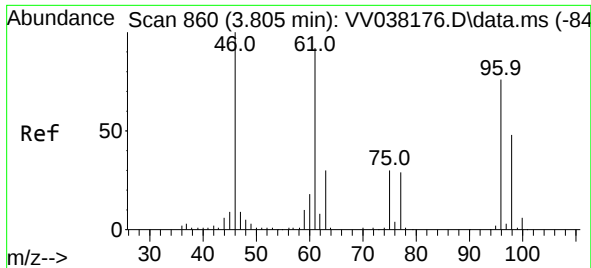
Tgt Ion: 43 Resp: 271

Ion Ratio Lower Upper

43 100

72 0.0 13.0 39.0#

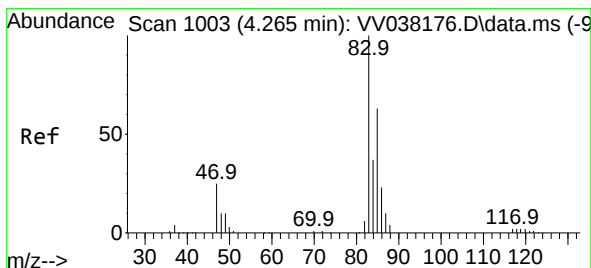
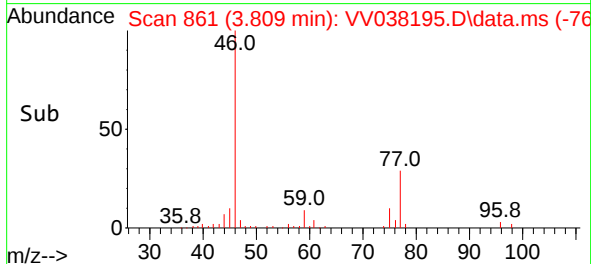
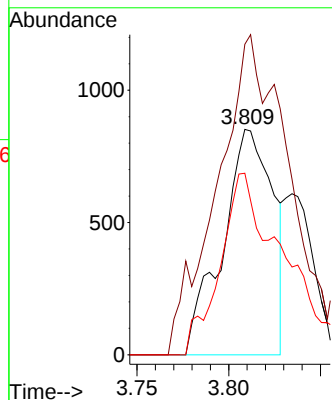
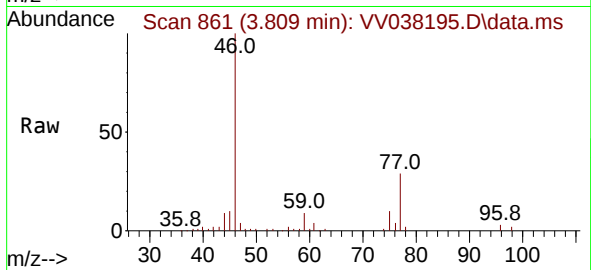




#22
 cis-1,2-Dichloroethene
 Concen: 0.094 ug/L
 RT: 3.809 min Scan# 861
 Delta R.T. 0.003 min
 Lab File: VV038195.D
 Acq: 19 Nov 2024 22:36

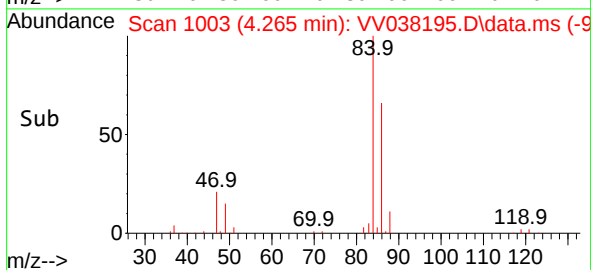
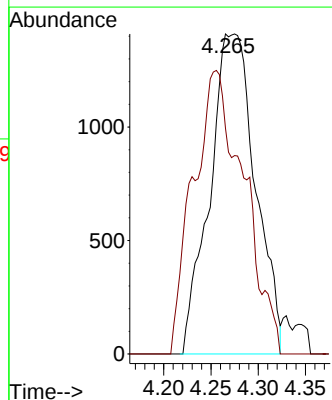
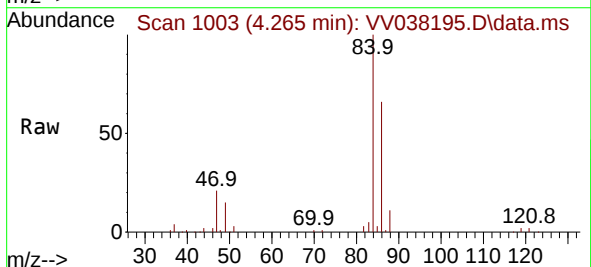
Instrument :
 MSVOA_V
 ClientSampleId :

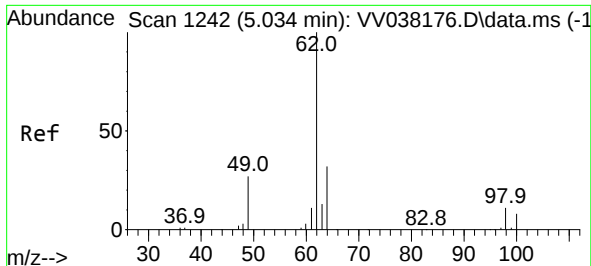
Tgt Ion: 96 Resp: 1626
 Ion Ratio Lower Upper
 96 100
 61 137.8 82.7 153.5
 98 80.5 46.3 85.9



#25
 Chloroform
 Concen: 0.146 ug/L
 RT: 4.265 min Scan# 1003
 Delta R.T. 0.000 min
 Lab File: VV038195.D
 Acq: 19 Nov 2024 22:36

Tgt Ion: 83 Resp: 4750
 Ion Ratio Lower Upper
 83 100
 85 70.6 46.5 86.3





#27

1,2-Dichloroethane

Concen: 0.034 ug/L

RT: 5.059 min Scan# 11

Delta R.T. 0.026 min

Lab File: VV038195.D

Acq: 19 Nov 2024 22:36

Instrument :

MSVOA_V

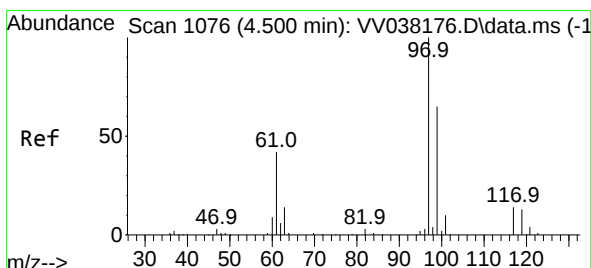
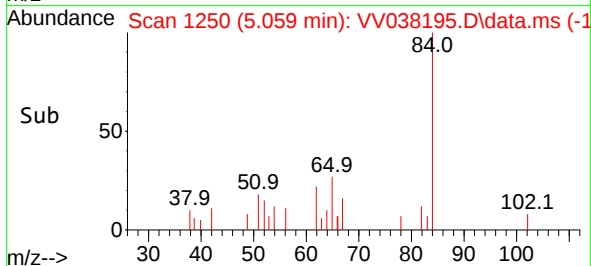
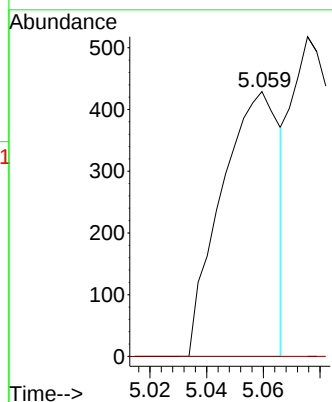
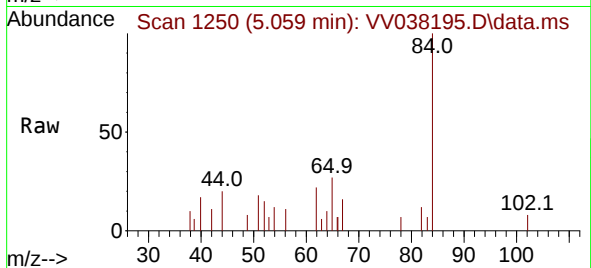
ClientSampleId :

Tgt Ion: 62 Resp: 608

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#29

1,1,1-Trichloroethane

Concen: 0.536 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV038195.D

Acq: 19 Nov 2024 22:36

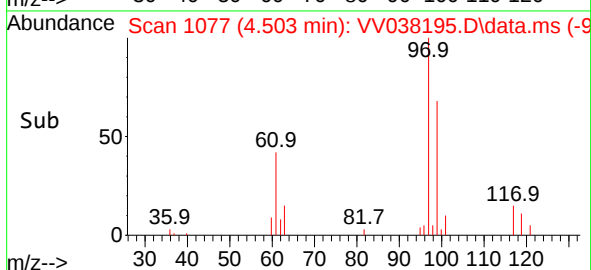
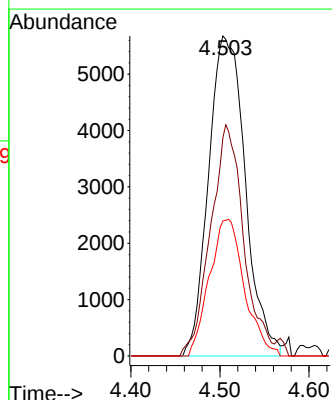
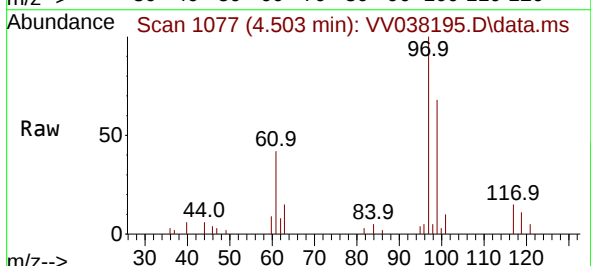
Tgt Ion: 97 Resp: 16255

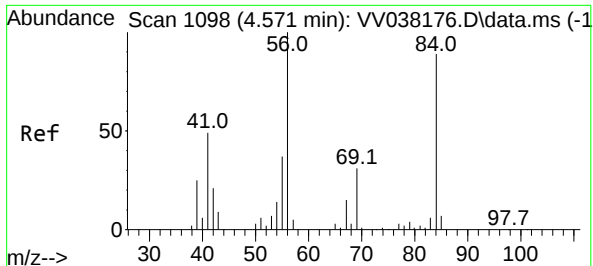
Ion Ratio Lower Upper

97 100

99 65.0 51.8 77.8

61 40.8 32.2 48.2

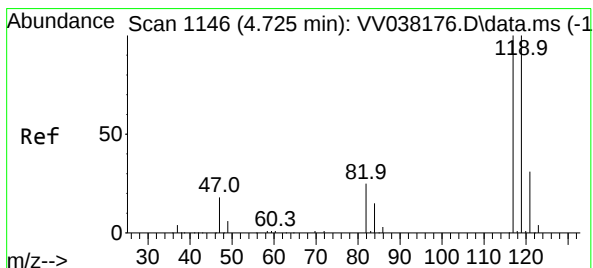
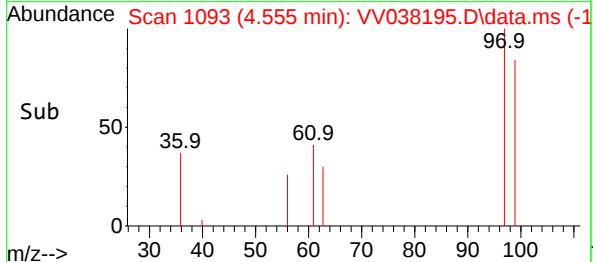
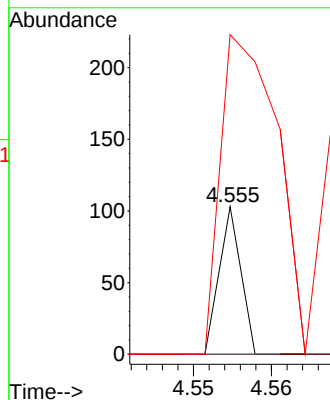
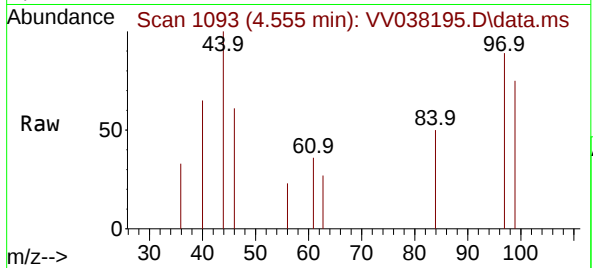




#30
Cyclohexane
Concen: 0.001 ug/L
RT: 4.555 min Scan# 1109
Delta R.T. -0.016 min
Lab File: VV038195.D
Acq: 19 Nov 2024 22:36

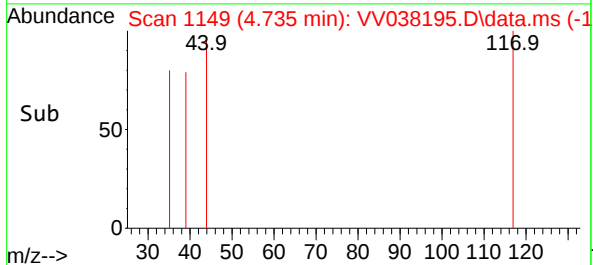
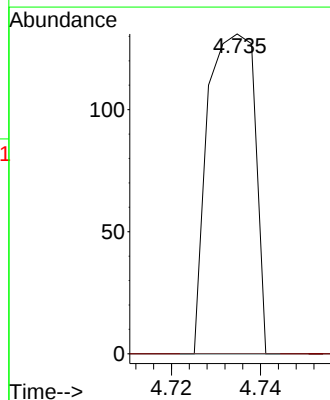
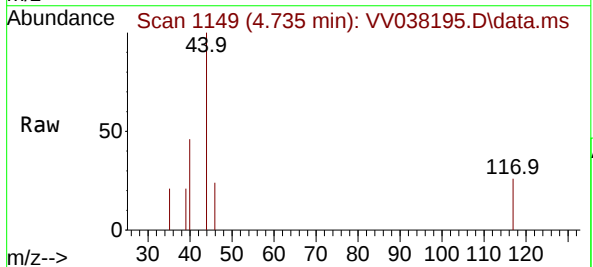
Instrument :
MSVOA_V
ClientSampleId :

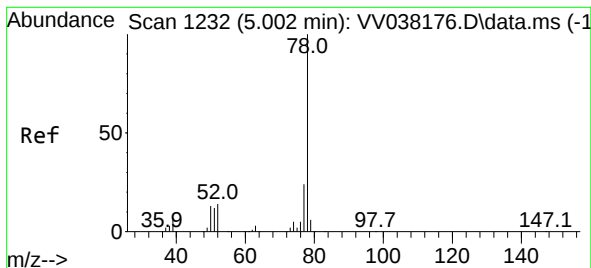
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
69 240.0 26.0 39.0#
84 11945.0 75.6 113.4#



#31
Carbon tetrachloride
Concen: 0.004 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.010 min
Lab File: VV038195.D
Acq: 19 Nov 2024 22:36

Tgt Ion: 117 Resp: 96
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.2#





#33

Benzene

Concen: 0.006 ug/L

RT: 5.008 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV038195.D

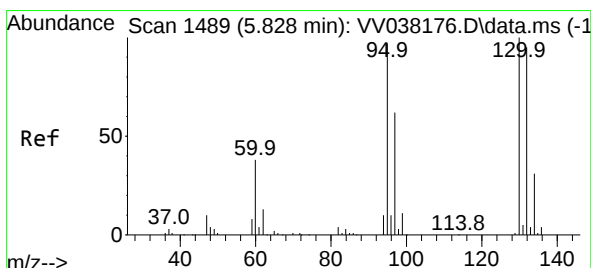
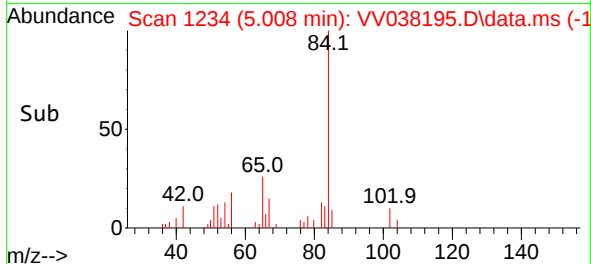
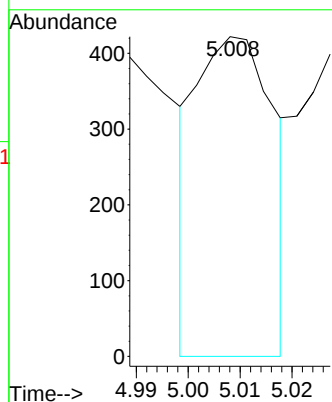
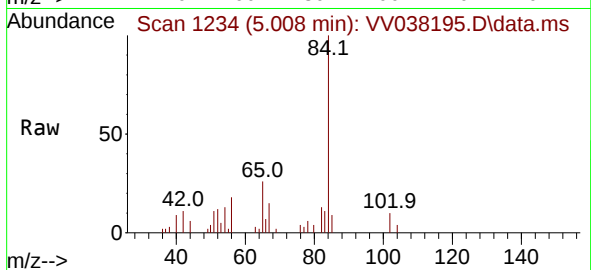
Acq: 19 Nov 2024 22:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 436



#34

Trichloroethene

Concen: 0.434 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.013 min

Lab File: VV038195.D

Acq: 19 Nov 2024 22:36

Tgt Ion: 95 Resp: 8413

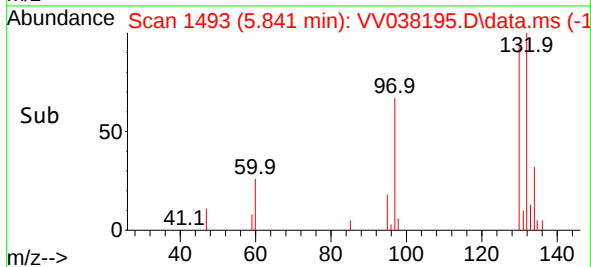
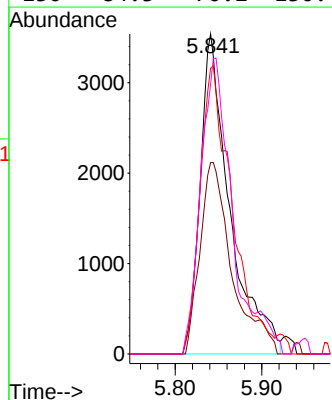
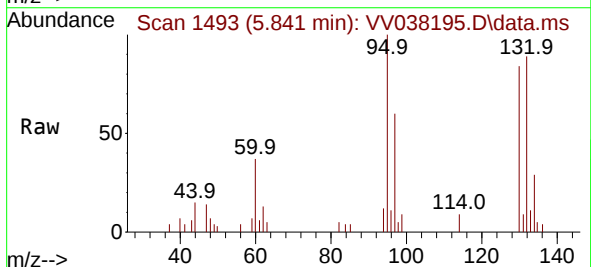
Ion Ratio Lower Upper

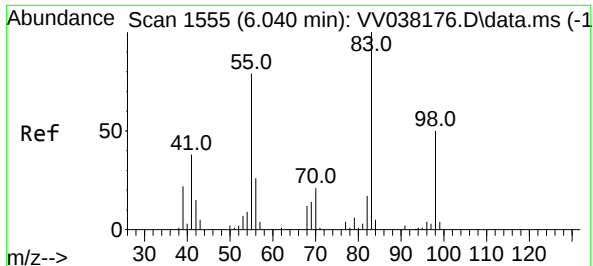
95 100

97 59.8 44.8 83.2

132 89.3 68.3 126.8

130 84.3 70.2 130.4





#35

Methylcyclohexane

Concen: 0.947 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.058 min

Lab File: VV038195.D

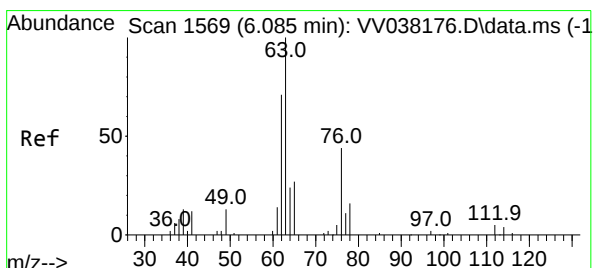
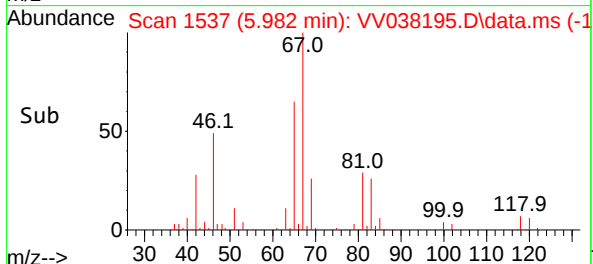
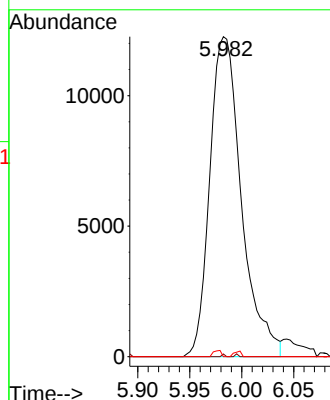
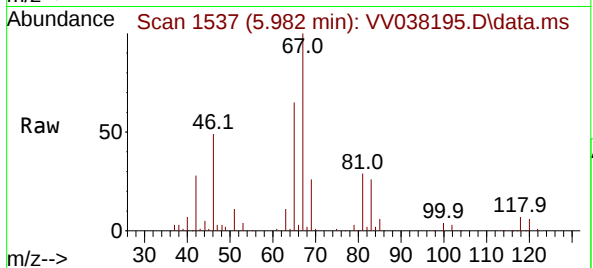
Acq: 19 Nov 2024 22:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	25956
Ion	Ratio	Lower	Upper
83	100		
55	0.1	59.7	89.5#
98	0.5	39.0	58.4#



#37

1,2-Dichloropropane

Concen: 0.638 ug/L

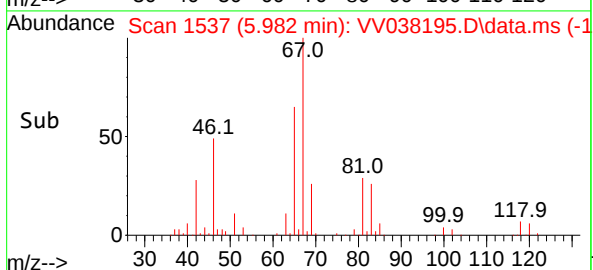
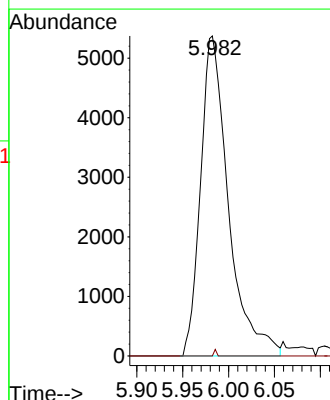
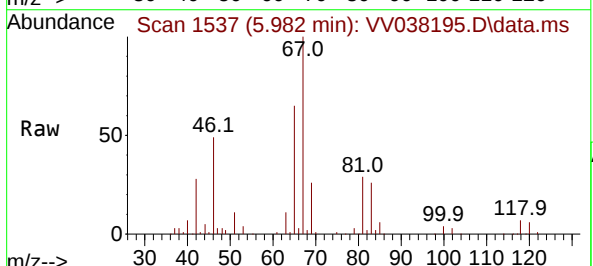
RT: 5.982 min Scan# 1537

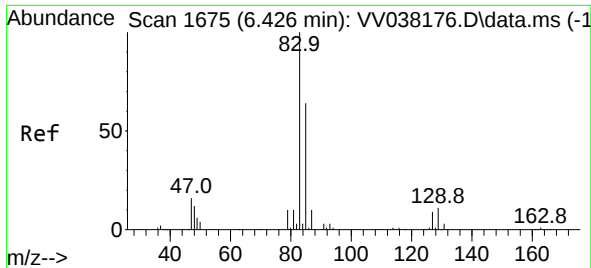
Delta R.T. -0.103 min

Lab File: VV038195.D

Acq: 19 Nov 2024 22:36

Tgt Ion:	63	Resp:	11368
Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.9	5.9#

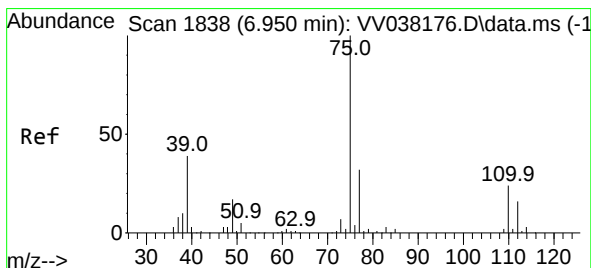
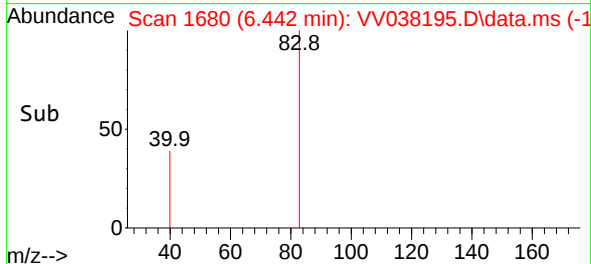
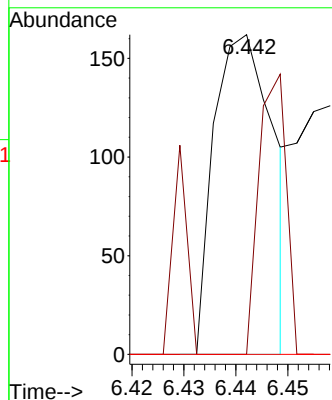
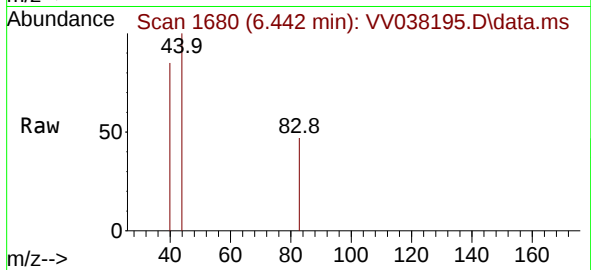




#38
Bromodichloromethane
Concen: 0.005 ug/L
RT: 6.442 min Scan# 1
Delta R.T. 0.016 min
Lab File: VV038195.D
Acq: 19 Nov 2024 22:36

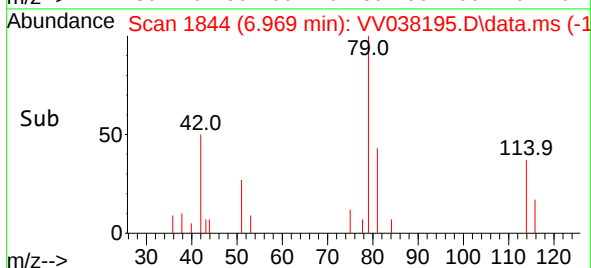
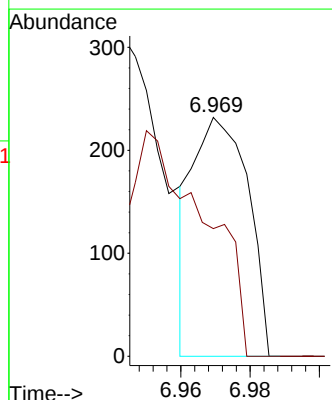
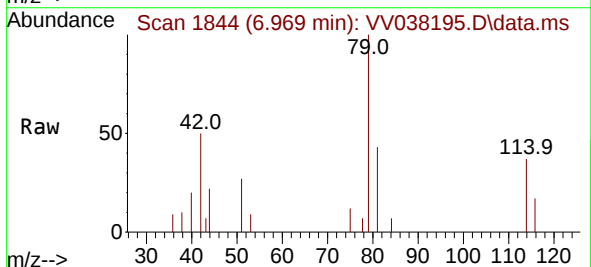
Instrument :
MSVOA_V
ClientSampleId :

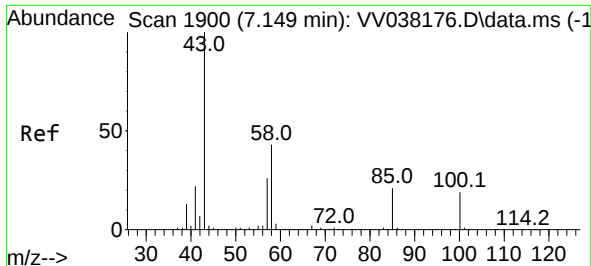
Tgt Ion: 83 Resp: 129
Ion Ratio Lower Upper
83 100
85 0.0 43.9 81.5#
127 0.0 6.7 10.1#



#39
cis-1,3-Dichloropropene
Concen: 0.010 ug/L
RT: 6.969 min Scan# 1844
Delta R.T. 0.019 min
Lab File: VV038195.D
Acq: 19 Nov 2024 22:36

Tgt Ion: 75 Resp: 257
Ion Ratio Lower Upper
75 100
77 53.4 23.4 43.6#





#40

4-Methyl-2-pentanone

Concen: 0.014 ug/L

RT: 7.178 min Scan# 1909

Delta R.T. 0.029 min

Lab File: VV038195.D

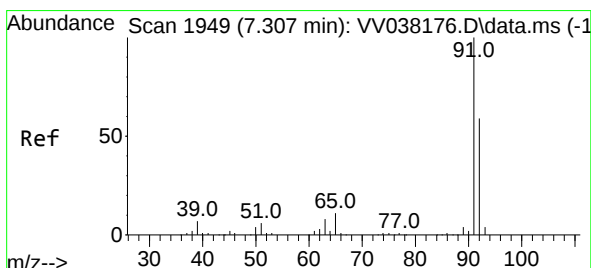
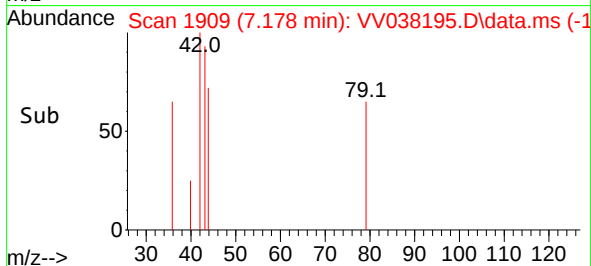
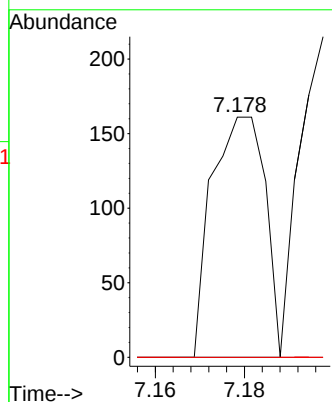
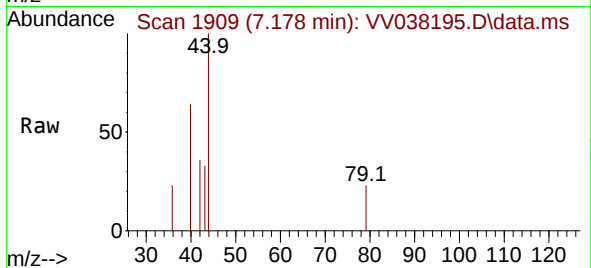
Acq: 19 Nov 2024 22:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43	Resp: 134
Ion Ratio	Lower Upper
43	100
58	0.0 33.4 50.2#
100	0.0 14.3 21.5#



#42

Toluene

Concen: 0.144 ug/L

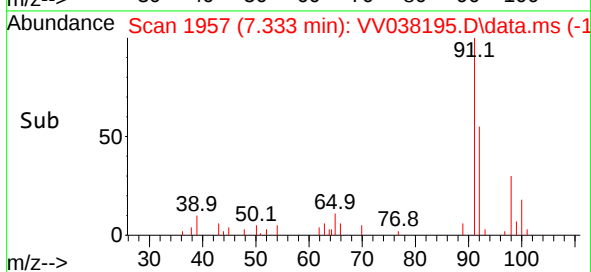
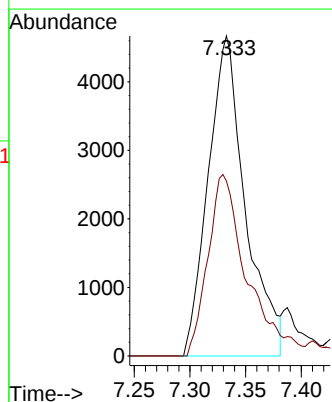
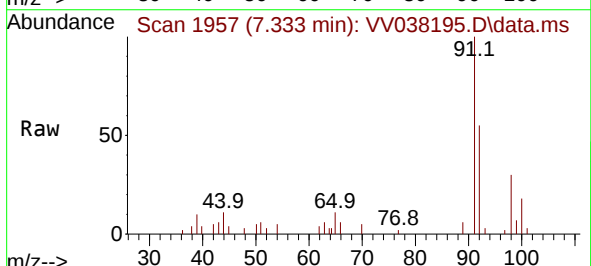
RT: 7.333 min Scan# 1957

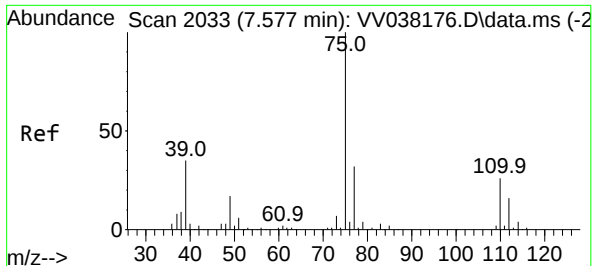
Delta R.T. 0.026 min

Lab File: VV038195.D

Acq: 19 Nov 2024 22:36

Tgt Ion: 91	Resp: 10827
Ion Ratio	Lower Upper
91	100
92	54.7 40.8 75.8

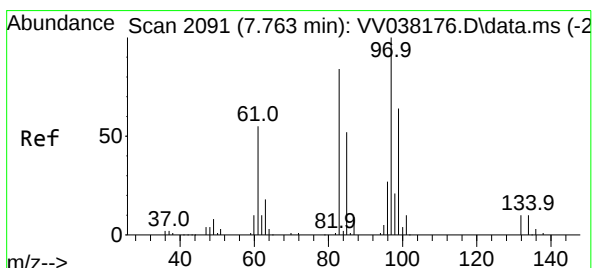
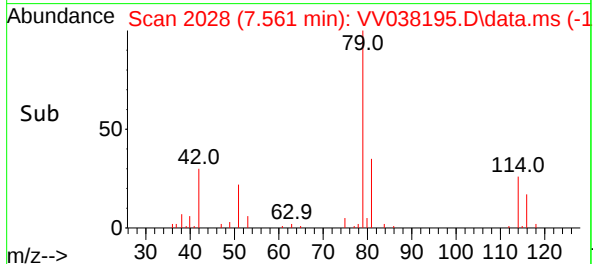
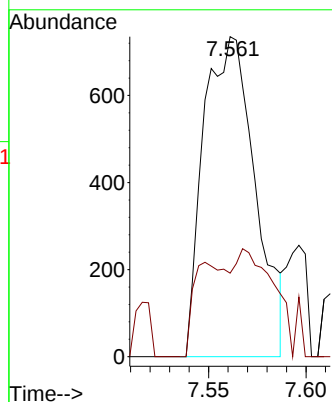
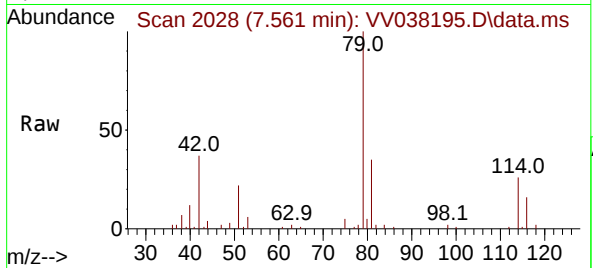




#44
trans-1,3-Dichloropropene
Concen: 0.064 ug/L
RT: 7.561 min Scan# 2033
Delta R.T. -0.016 min
Lab File: VV038195.D
Acq: 19 Nov 2024 22:36

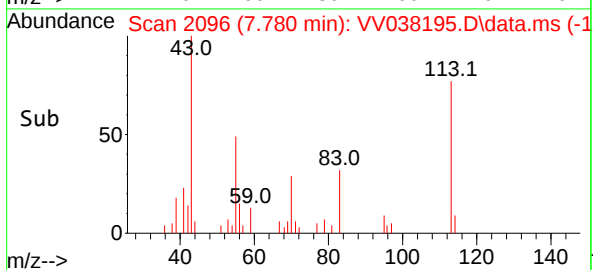
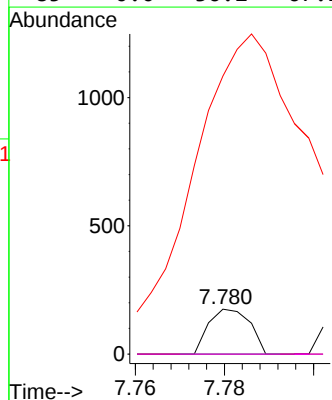
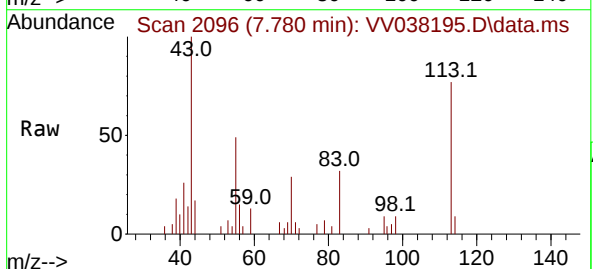
Instrument :
MSVOA_V
ClientSampleId :

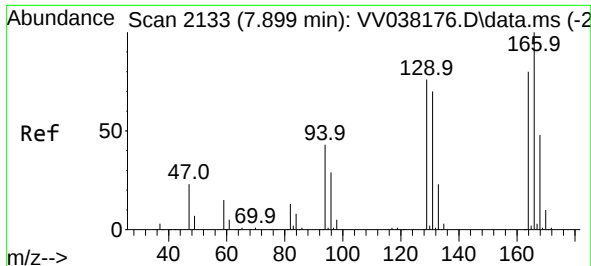
Tgt Ion: 75 Resp: 1351
Ion Ratio Lower Upper
75 100
77 26.1 23.4 43.4



#45
1,1,2-Trichloroethane
Concen: 0.008 ug/L
RT: 7.780 min Scan# 2096
Delta R.T. 0.016 min
Lab File: VV038195.D
Acq: 19 Nov 2024 22:36

Tgt Ion: 97 Resp: 112
Ion Ratio Lower Upper
97 100
99 0.0 41.9 77.7#
83 619.4 57.7 107.1#
85 0.0 36.2 67.2#





#47

Tetrachloroethene

Concen: 1.431 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.003 min

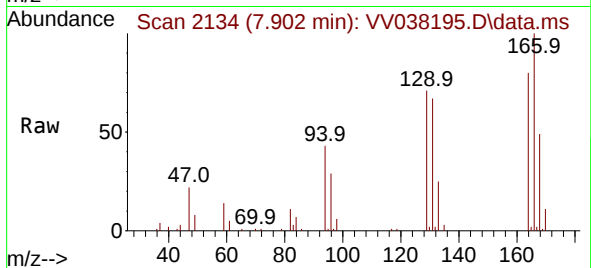
Lab File: VV038195.D

Acq: 19 Nov 2024 22:36

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 22286

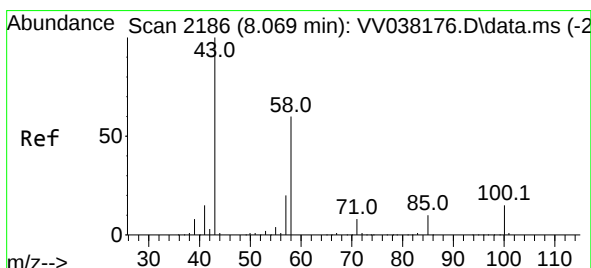
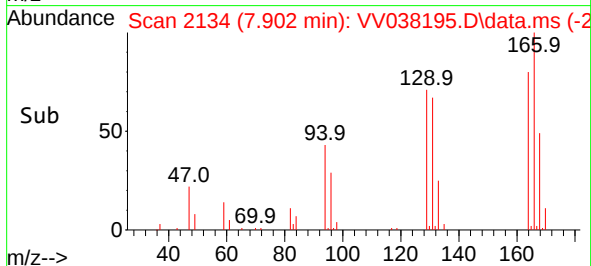
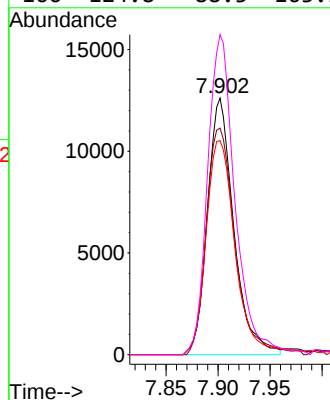
Ion Ratio Lower Upper

164 100

129 88.3 68.5 127.1

131 83.5 64.8 120.4

166 124.8 88.3 163.9



#48

2-Hexanone

Concen: 0.297 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. 0.019 min

Lab File: VV038195.D

Acq: 19 Nov 2024 22:36

Tgt Ion: 43 Resp: 2006

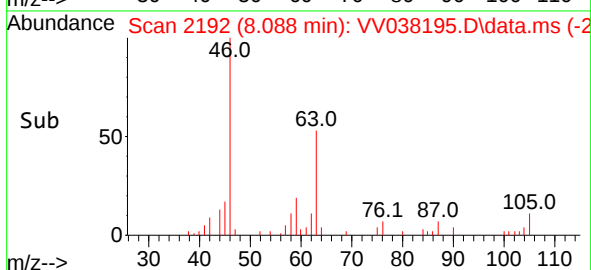
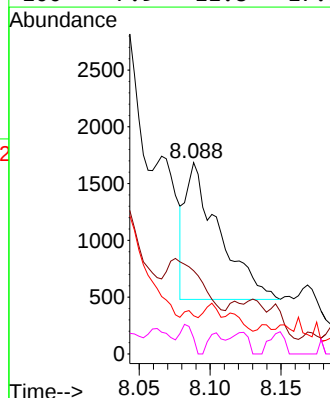
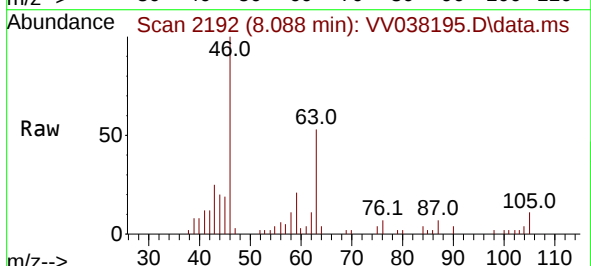
Ion Ratio Lower Upper

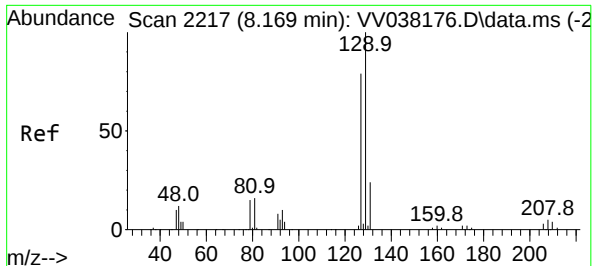
43 100

58 45.2 49.2 73.8#

57 0.0 16.9 25.3#

100 7.9 11.8 17.8#

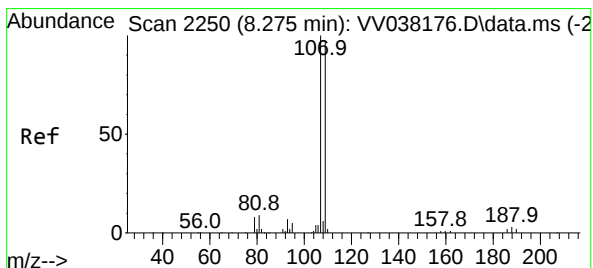
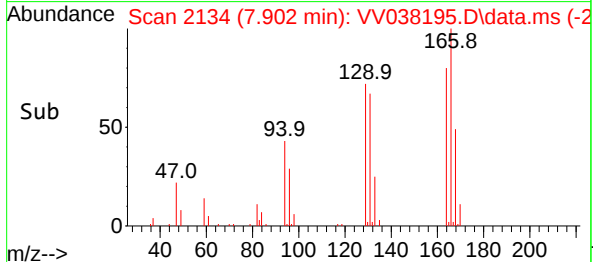
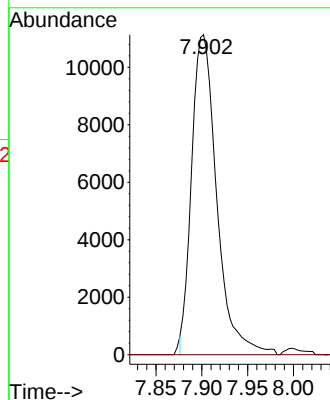
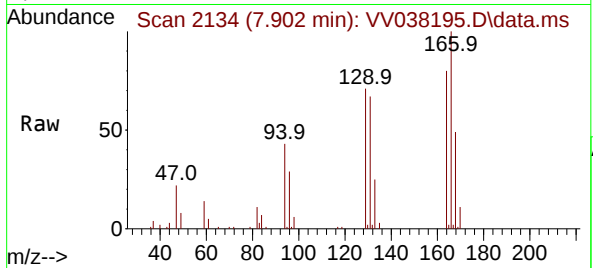




#49
Dibromochloromethane
Concen: 1.349 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.267 min
Lab File: VV038195.D
Acq: 19 Nov 2024 22:36

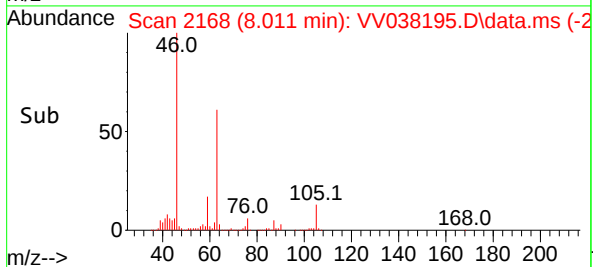
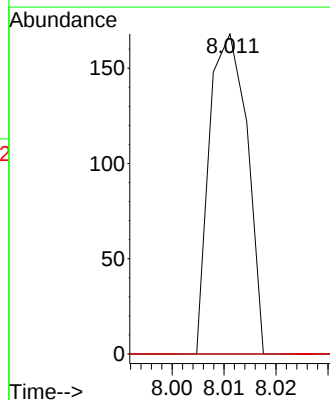
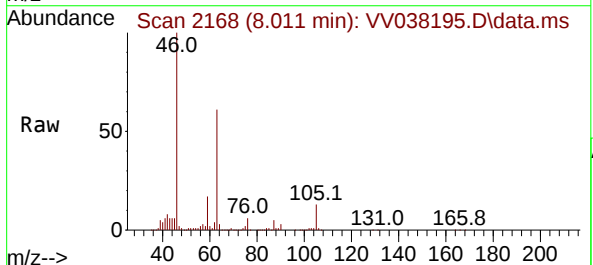
Instrument :
MSVOA_V
ClientSampleId :

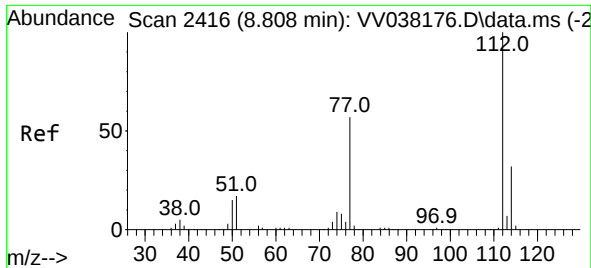
Tgt Ion:129 Resp: 21238
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#



#50
1,2-Dibromoethane
Concen: 0.006 ug/L
RT: 8.011 min Scan# 2168
Delta R.T. -0.264 min
Lab File: VV038195.D
Acq: 19 Nov 2024 22:36

Tgt Ion:107 Resp: 84
Ion Ratio Lower Upper
107 100
109 0.0 66.1 122.7#
188 0.0 2.6 3.8#

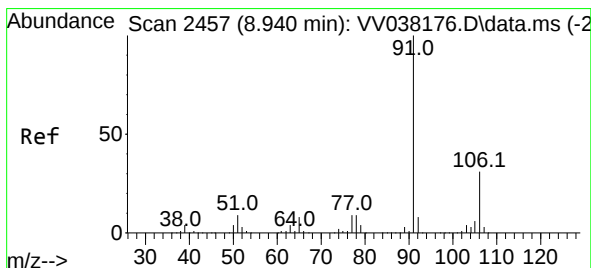
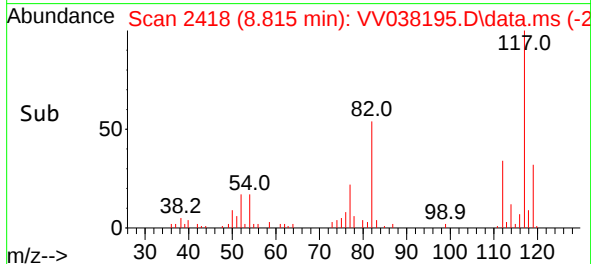
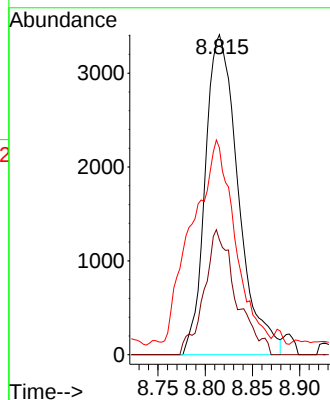
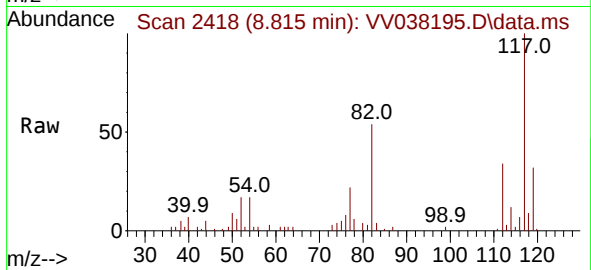




#51
Chlorobenzene
Concen: 0.160 ug/L
RT: 8.815 min Scan# 2416
Delta R.T. 0.007 min
Lab File: VV038195.D
Acq: 19 Nov 2024 22:36

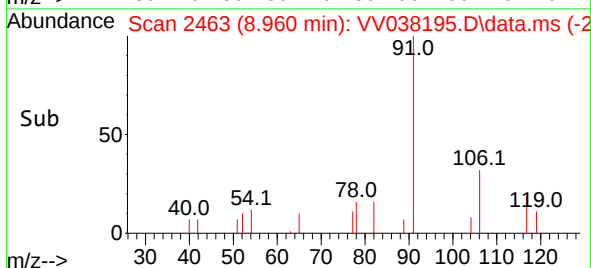
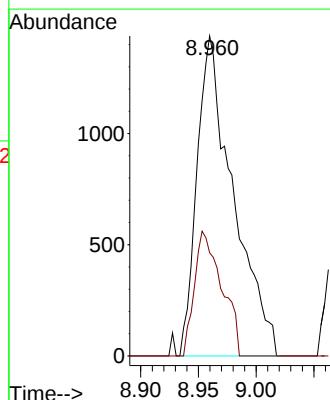
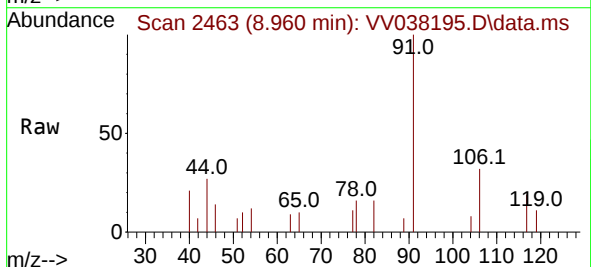
Instrument :
MSVOA_V
ClientSampleId :

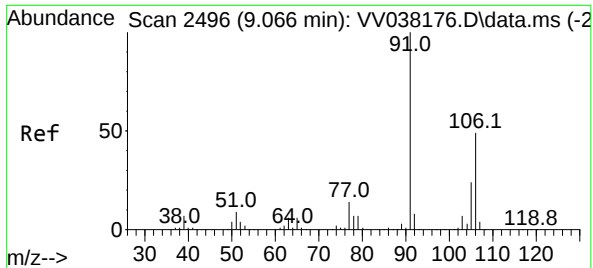
Tgt Ion:112 Resp: 8312
Ion Ratio Lower Upper
112 100
114 35.9 22.0 40.8
77 64.6 45.0 67.4



#52
Ethylbenzene
Concen: 0.039 ug/L
RT: 8.960 min Scan# 2463
Delta R.T. 0.019 min
Lab File: VV038195.D
Acq: 19 Nov 2024 22:36

Tgt Ion: 91 Resp: 3131
Ion Ratio Lower Upper
91 100
106 32.2 21.8 40.4

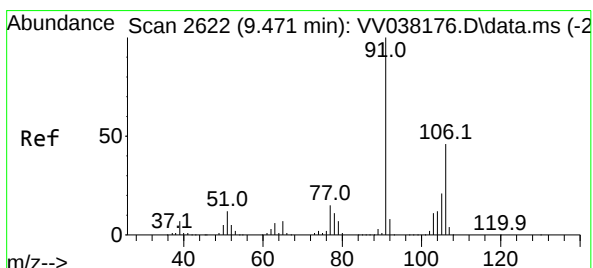
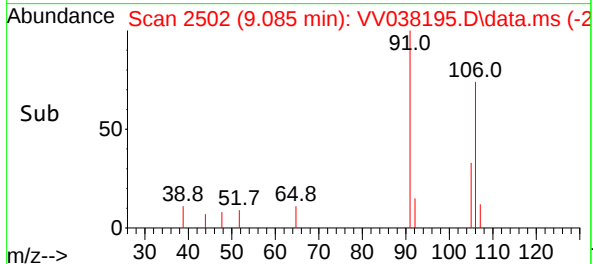
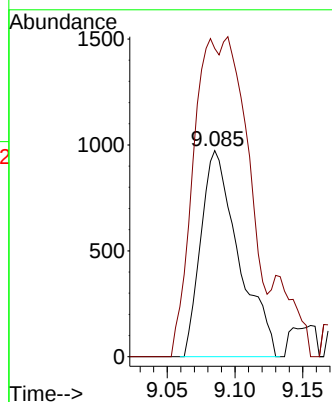
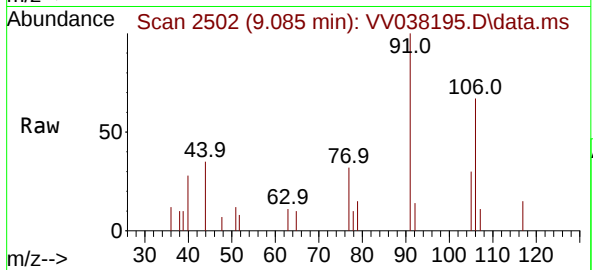




#53
m,p-Xylene
Concen: 0.062 ug/L
RT: 9.085 min Scan# 21
Delta R.T. 0.019 min
Lab File: VV038195.D
Acq: 19 Nov 2024 22:36

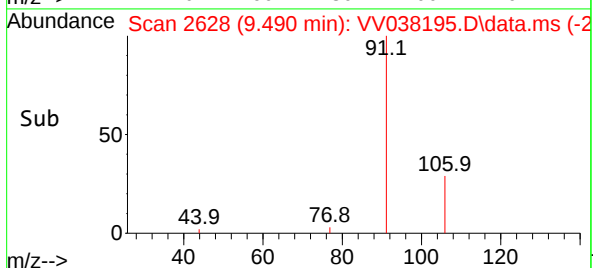
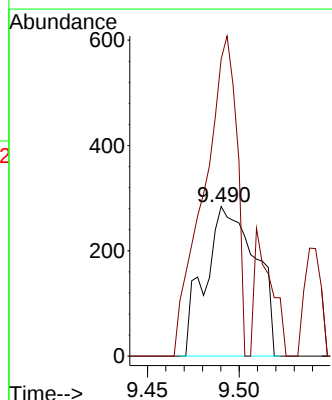
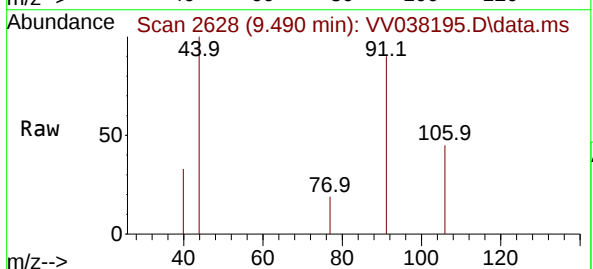
Instrument :
MSVOA_V
ClientSampleId :

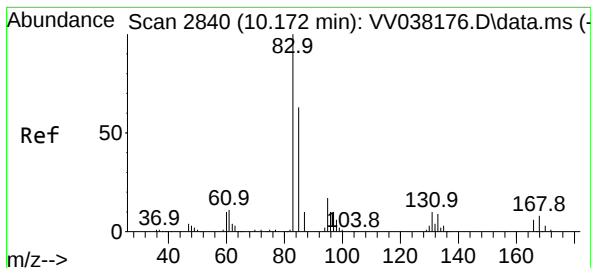
Tgt Ion:106 Resp: 1878
Ion Ratio Lower Upper
106 100
91 149.5 138.7 257.5



#54
o-Xylene
Concen: 0.018 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.019 min
Lab File: VV038195.D
Acq: 19 Nov 2024 22:36

Tgt Ion:106 Resp: 542
Ion Ratio Lower Upper
106 100
91 198.6 155.5 288.7

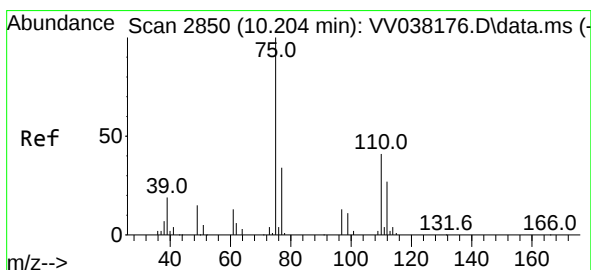
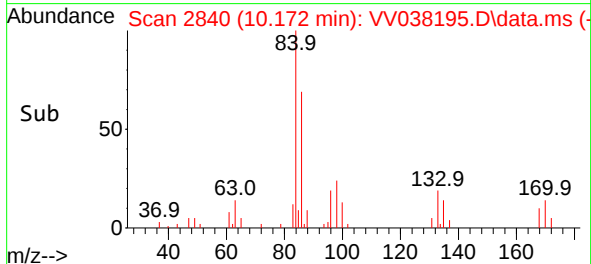
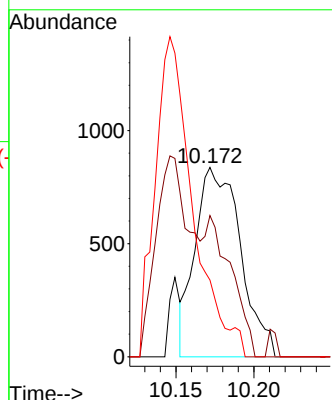
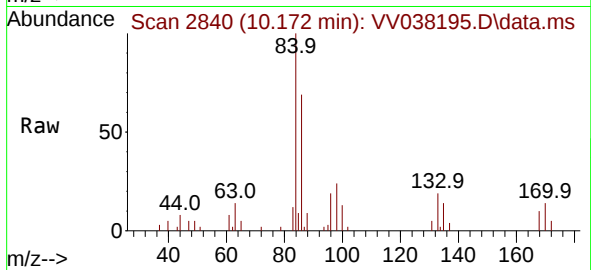




#57
 1,1,2,2-Tetrachloroethane
 Concen: 0.100 ug/L
 RT: 10.172 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV038195.D
 Acq: 19 Nov 2024 22:36

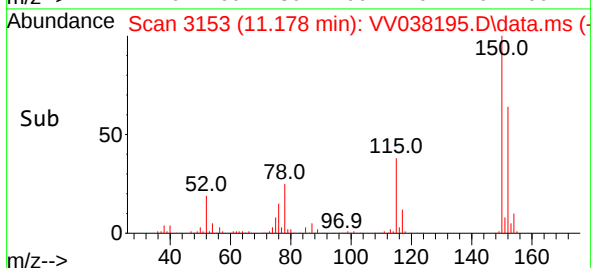
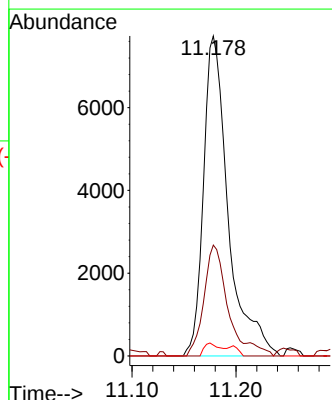
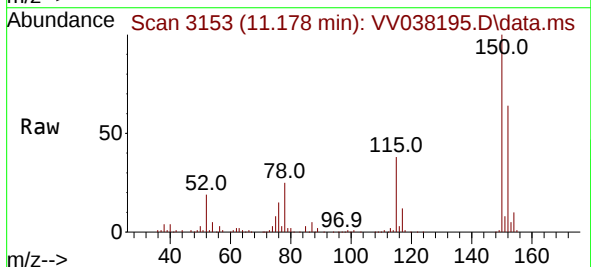
Instrument :
 MSVOA_V
 ClientSampleId :

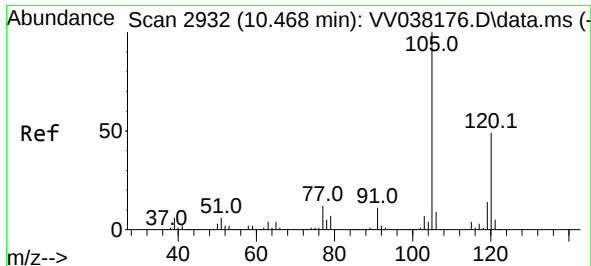
Tgt Ion: 83 Resp: 1690
 Ion Ratio Lower Upper
 83 100
 85 74.6 45.7 84.9
 131 40.5 8.2 12.4#



#61
 1,2,3-Trichloropropane
 Concen: 1.394 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. 0.974 min
 Lab File: VV038195.D
 Acq: 19 Nov 2024 22:36

Tgt Ion: 75 Resp: 12770
 Ion Ratio Lower Upper
 75 100
 77 33.8 26.4 39.6
 110 2.7 32.3 48.5#

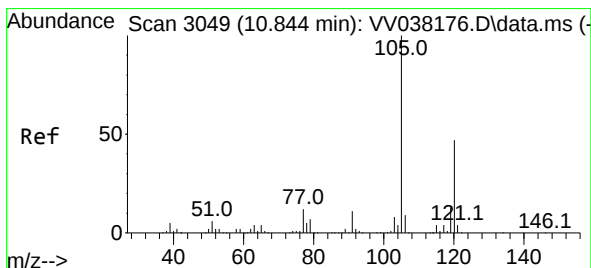
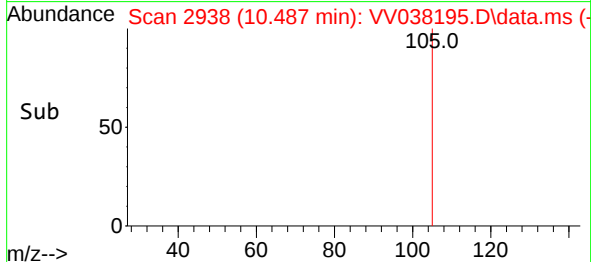
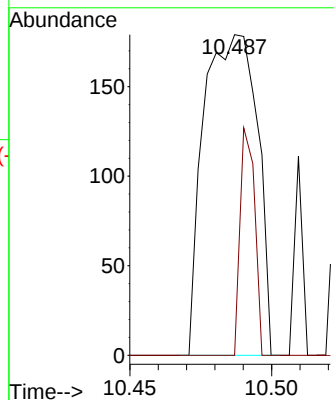
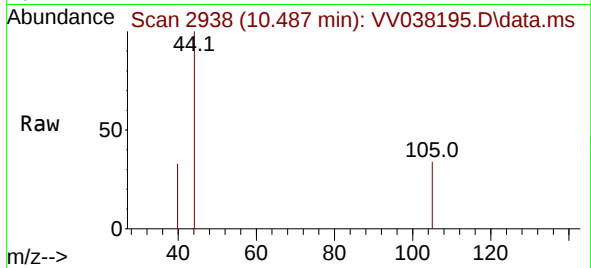




#62
 1,3,5-Trimethylbenzene
 Concen: 0.005 ug/L
 RT: 10.487 min Scan# 2932
 Delta R.T. 0.019 min
 Lab File: VV038195.D
 Acq: 19 Nov 2024 22:36

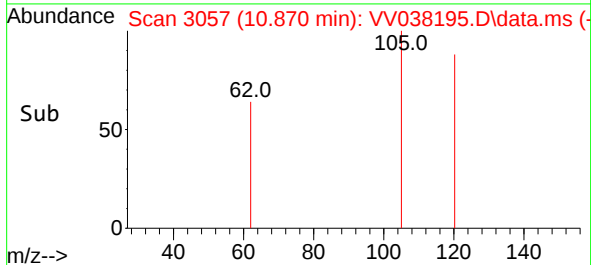
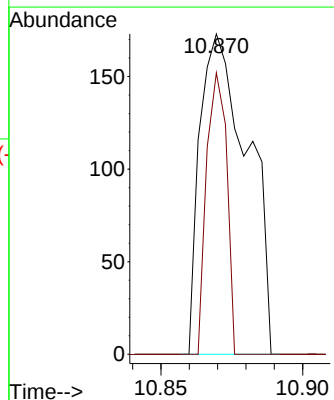
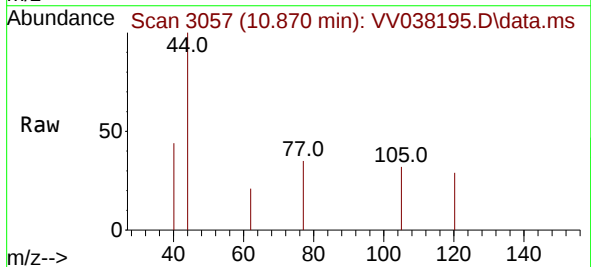
Instrument :
 MSVOA_V
 ClientSampleId :

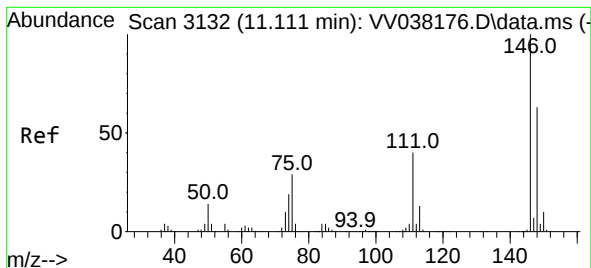
Tgt Ion:105 Resp: 234
 Ion Ratio Lower Upper
 105 100
 120 0.0 39.2 58.8#



#63
 1,2,4-Trimethylbenzene
 Concen: 0.004 ug/L
 RT: 10.870 min Scan# 3057
 Delta R.T. 0.026 min
 Lab File: VV038195.D
 Acq: 19 Nov 2024 22:36

Tgt Ion:105 Resp: 202
 Ion Ratio Lower Upper
 105 100
 120 37.1 37.0 55.4





#64

1,3-Dichlorobenzene

Concen: 0.007 ug/L

RT: 11.140 min Scan# 31

Delta R.T. 0.029 min

Lab File: VV038195.D

Acq: 19 Nov 2024 22:36

Instrument :

MSVOA_V

ClientSampleId :

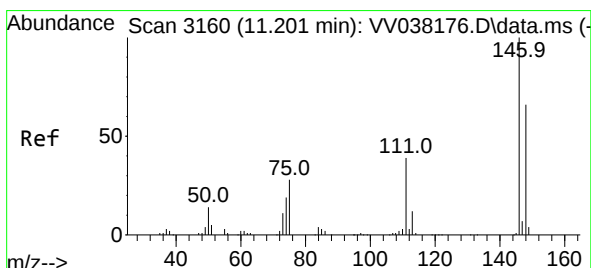
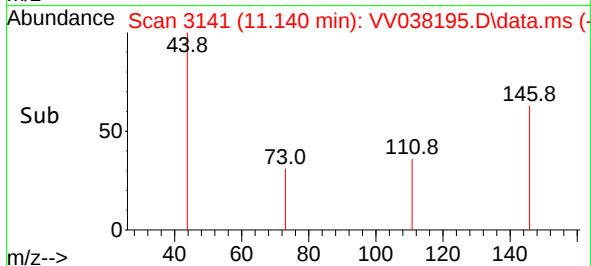
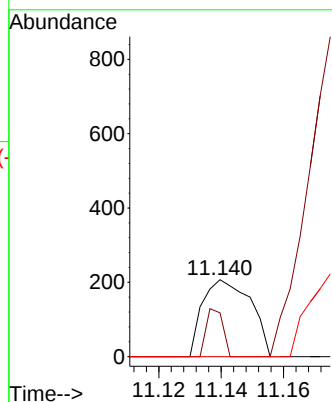
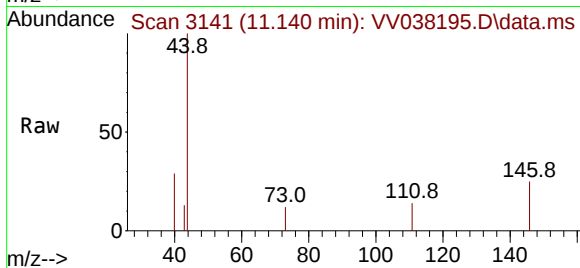
Tgt Ion:146 Resp: 221

Ion Ratio Lower Upper

146 100

111 57.0 28.2 52.4#

148 0.0 44.2 82.2#



#65

1,4-Dichlorobenzene

Concen: 0.019 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV038195.D

Acq: 19 Nov 2024 22:36

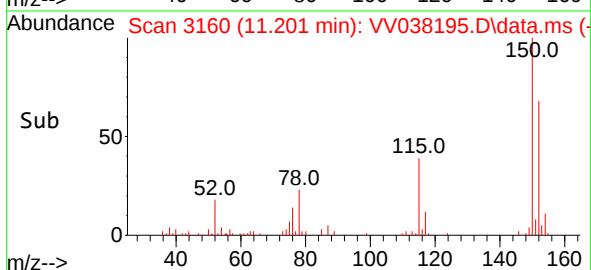
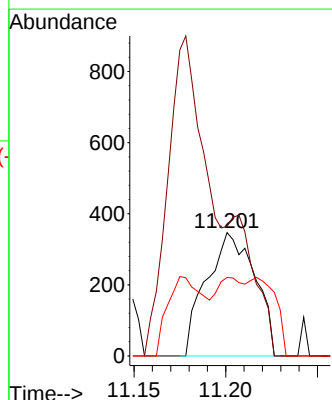
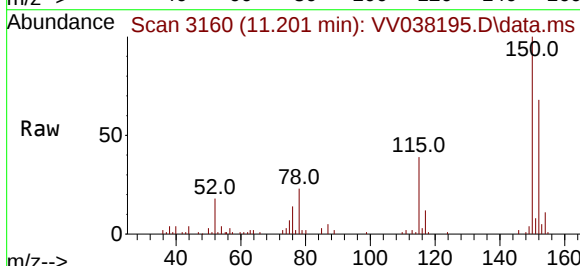
Tgt Ion:146 Resp: 641

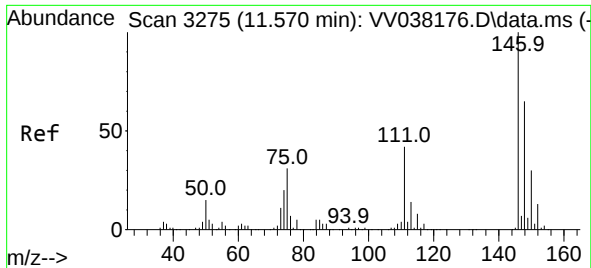
Ion Ratio Lower Upper

146 100

111 104.9 27.4 50.8#

148 63.7 44.4 82.4

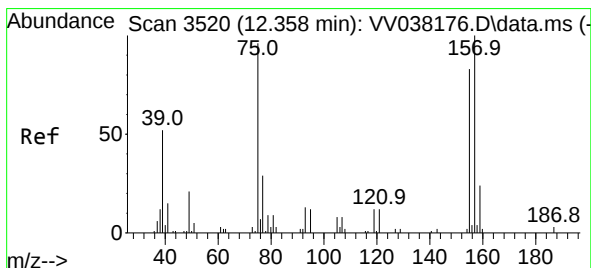
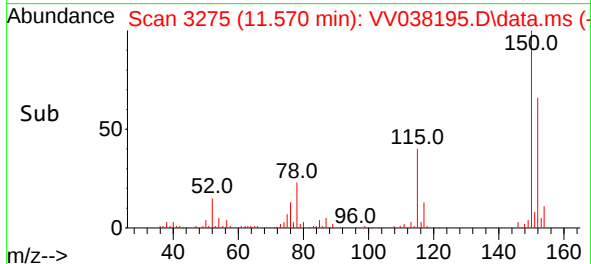
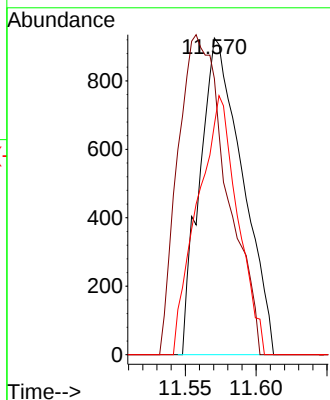
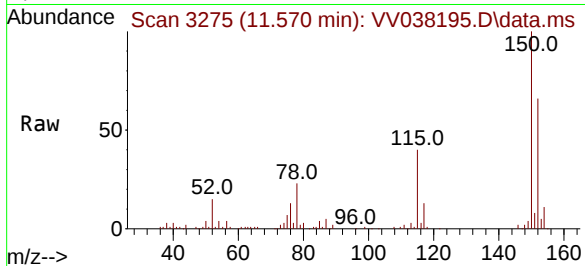




#67
1,2-Dichlorobenzene
Concen: 0.063 ug/L
RT: 11.570 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VV038195.D
Acq: 19 Nov 2024 22:36

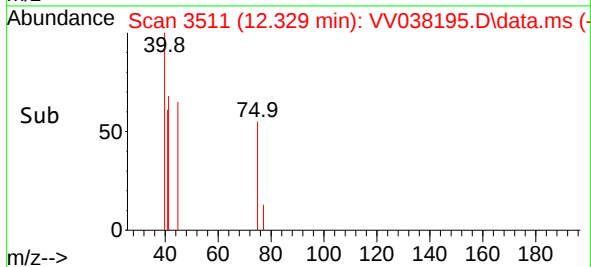
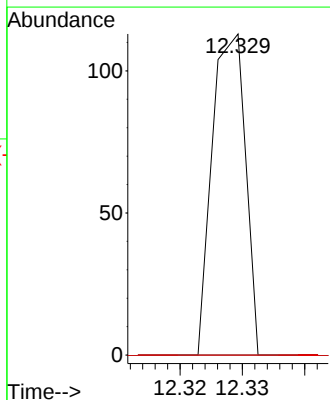
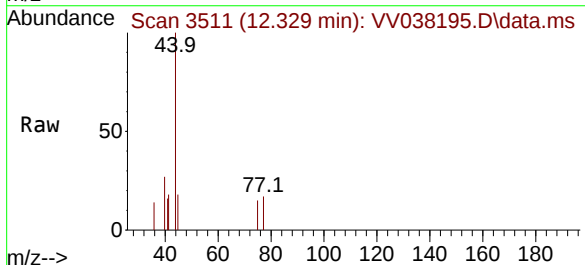
Instrument :
MSVOA_V
ClientSampleId :

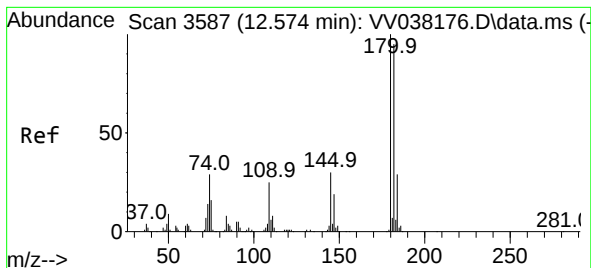
Tgt Ion:146 Resp: 1938
Ion Ratio Lower Upper
146 100
111 87.2 34.2 51.2#
148 72.6 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 0.020 ug/L
RT: 12.329 min Scan# 3511
Delta R.T. -0.029 min
Lab File: VV038195.D
Acq: 19 Nov 2024 22:36

Tgt Ion: 75 Resp: 42
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: 0.001 ug/L

RT: 12.583 min Scan# 31

Delta R.T. 0.010 min

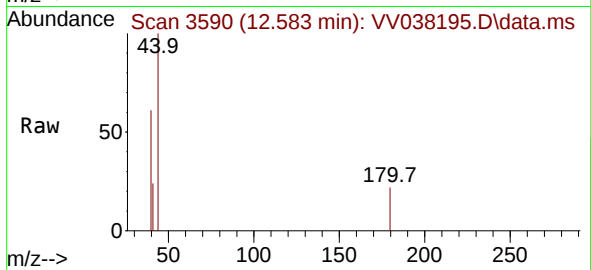
Lab File: VV038195.D

Acq: 19 Nov 2024 22:36

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 22

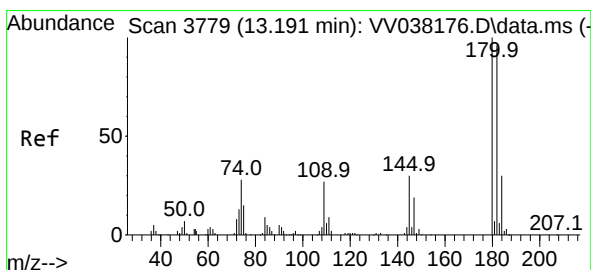
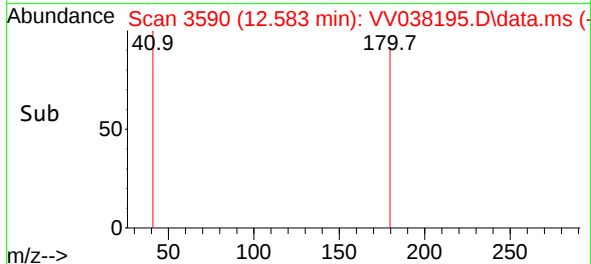
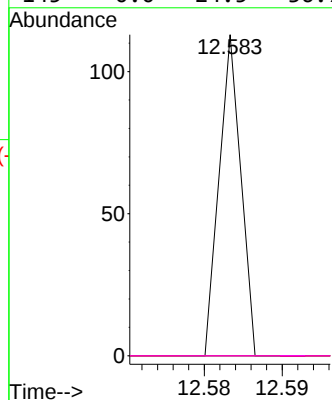
Ion Ratio Lower Upper

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: 0.005 ug/L

RT: 13.220 min Scan# 3788

Delta R.T. 0.029 min

Lab File: VV038195.D

Acq: 19 Nov 2024 22:36

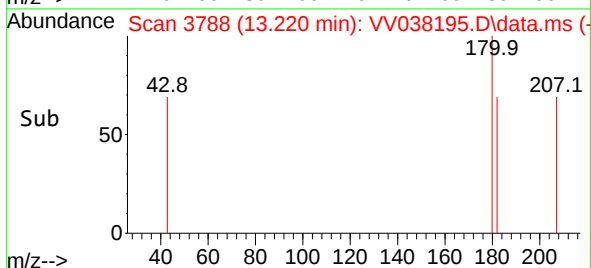
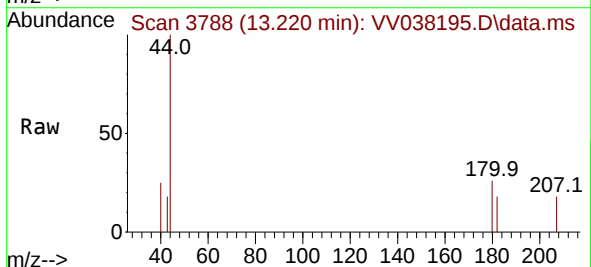
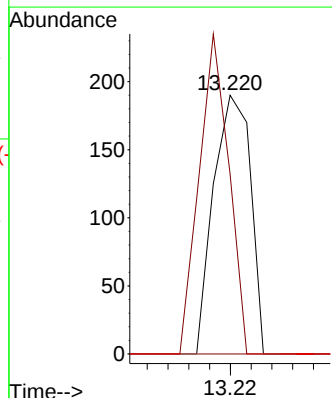
Tgt Ion:180 Resp: 94

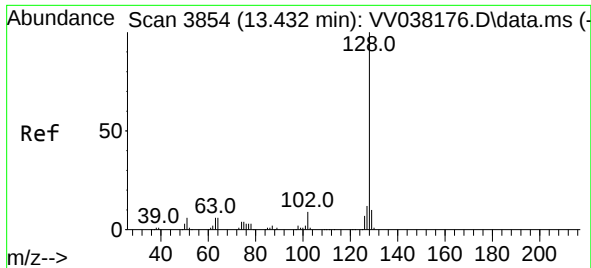
Ion Ratio Lower Upper

180 100

182 98.9 73.8 110.8

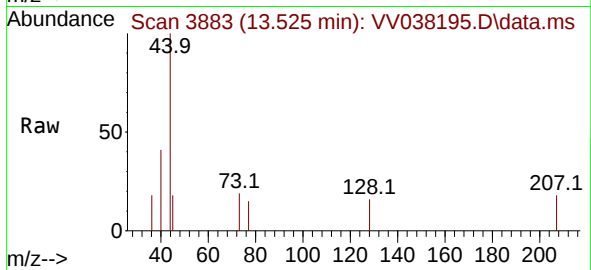
145 0.0 24.6 37.0#





#71
Naphthalene
Concen: 0.001 ug/L
RT: 13.525 min Scan# 3854
Delta R.T. 0.093 min
Lab File: VV038195.D
Acq: 19 Nov 2024 22:36

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 44
Ion Ratio Lower Upper
128 100
129 0.0 8.5 12.7#
127 0.0 10.1 15.1#

