

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038168.D
 Acq On : 19 Nov 2024 09:40
 Operator : SY/MD
 Sample : VSTD001
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 19 21:35:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 21:34:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	241064	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	261560	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	125047	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	21679	1.173	ug/L	0.00
7) Chloroethane-d5	1.529	69	18050	1.208	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	8788	1.105	ug/L	0.00
20) 2-Butanone-d5	3.841	46	12048	3.419	ug/L	0.04
24) Chloroform-d	4.246	84	38288	1.068	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	17454	1.077	ug/L	0.01
32) Benzene-d6	4.960	84	64671	0.957	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	19983	0.963	ug/L	0.00
41) Toluene-d8	7.243	98	56304	0.900	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	6086	0.805	ug/L	0.01
46) 2-Hexanone-d5	8.043	63	20413	7.114	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.149	84	17471	0.989	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	22566	1.059	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	22330	0.979	ug/L	96
3) Chloromethane	1.214	50	21046	1.072	ug/L	98
5) Vinyl chloride	1.278	62	22981	1.033	ug/L	88
6) Bromomethane	1.484	94	7642	0.881	ug/L	99
8) Chloroethane	1.545	64	15019	0.964	ug/L	95
9) Trichlorofluoromethane	1.709	101	30928	0.977	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	17835	0.987	ug/L	97
12) 1,1-Dichloroethene	2.066	96	17597	1.022	ug/L	88
13) Acetone	2.133	43	27149	9.931	ug/L	94
14) Carbon disulfide	2.236	76	52731	0.951	ug/L	99
15) Methyl Acetate	2.394	43	5037	0.749	ug/L #	88
16) Methylene chloride	2.442	84	21078	1.074	ug/L	97
17) Methyl tert-butyl Ether	2.699	73	35012	0.899	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	17156	0.946	ug/L	98
19) 1,1-Dichloroethane	3.111	63	34355	1.043	ug/L	99
21) 2-Butanone	3.924	43	16741	4.594	ug/L	79
22) cis-1,2-Dichloroethene	3.818	96	17483	0.932	ug/L	95
23) Bromochloromethane	4.153	128	8840	0.965	ug/L	92
25) Chloroform	4.275	83	35848	1.018	ug/L	95
27) 1,2-Dichloroethane	5.053	62	18128	0.946	ug/L	97
29) 1,1,1-Trichloroethane	4.510	97	29402	0.937	ug/L	96
30) Cyclohexane	4.574	56	19151	0.736	ug/L	98
31) Carbon tetrachloride	4.728	117	26246	0.948	ug/L	99
33) Benzene	5.011	78	64794	0.882	ug/L	100
34) Trichloroethene	5.834	95	17710	0.884	ug/L	95
35) Methylcyclohexane	6.043	83	21286	0.751	ug/L	97
37) 1,2-Dichloropropane	6.095	63	15411	0.837	ug/L #	95
38) Bromodichloromethane	6.436	83	22460	0.908	ug/L	94
39) cis-1,3-Dichloropropene	6.963	75	17987	0.723	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	67416	7.118	ug/L	98
42) Toluene	7.317	91	61372	0.789	ug/L	91
44) trans-1,3-Dichloropropene	7.593	75	15498	0.725	ug/L	97

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

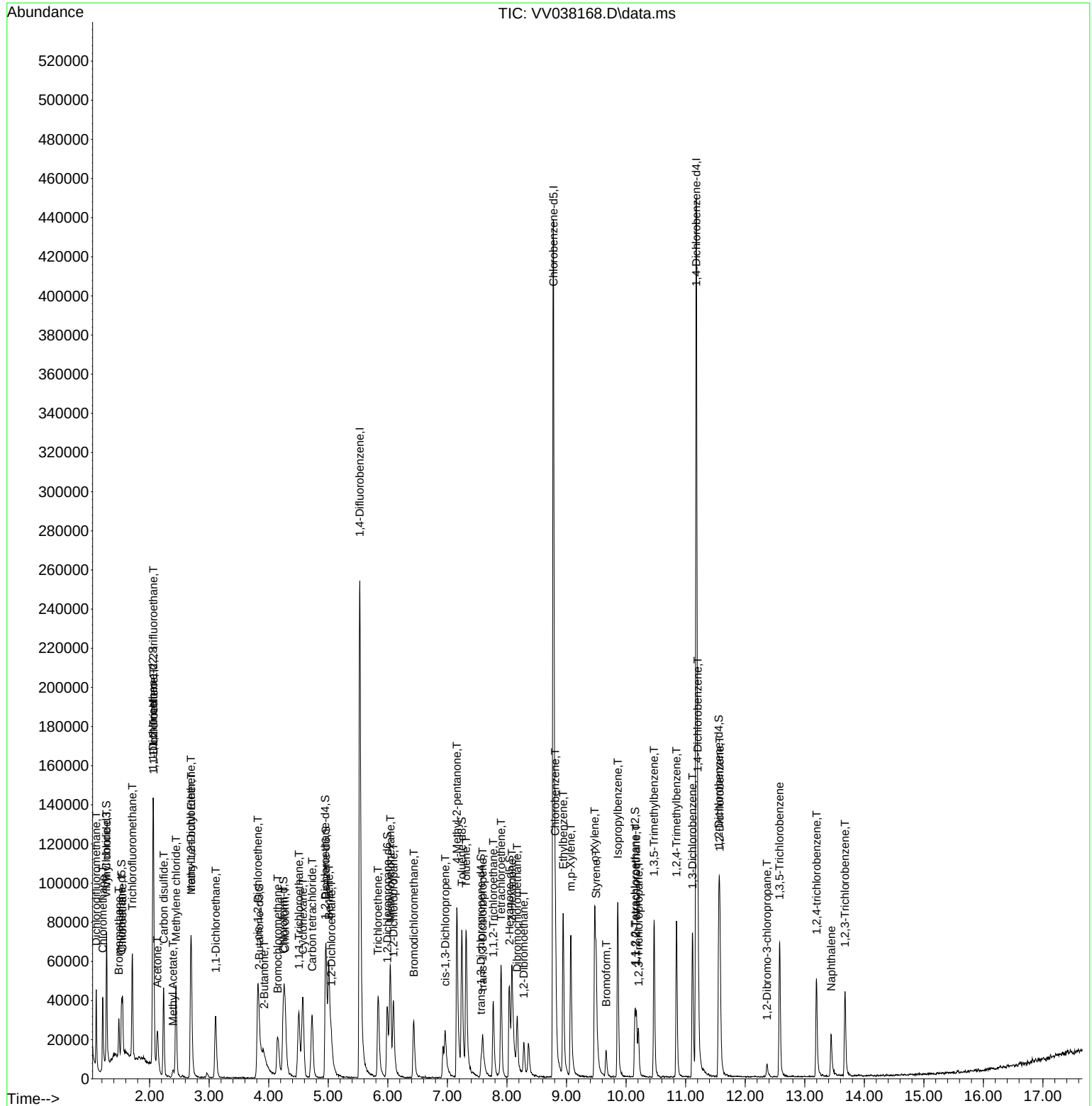
45) 1,1,2-Trichloroethane	7.770	97	14629	0.980	ug/L	96
47) Tetrachloroethene	7.902	164	13307	0.827	ug/L	99
48) 2-Hexanone	8.085	43	42988	6.576	ug/L	92
49) Dibromochloromethane	8.172	129	14788	0.909	ug/L	97
50) 1,2-Dibromoethane	8.284	107	12381	0.895	ug/L #	93
51) Chlorobenzene	8.812	112	48186	0.899	ug/L	98
52) Ethylbenzene	8.944	91	64911	0.786	ug/L	98
53) m,p-Xylene	9.072	106	22827	0.733	ug/L	90
54) o-Xylene	9.474	106	23354	0.770	ug/L	89
55) Styrene	9.497	104	36534	0.693	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.172	83	15797	0.905	ug/L	96
59) Bromoform	9.667	173	6837	0.939	ug/L #	98
60) Isopropylbenzene	9.863	105	58246	0.809	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	10729	1.002	ug/L	96
62) 1,3,5-Trimethylbenzene	10.471	105	46021	0.805	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	47614	0.835	ug/L	94
64) 1,3-Dichlorobenzene	11.117	146	33921	0.877	ug/L	97
65) 1,4-Dichlorobenzene	11.204	146	35307	0.903	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	33353	0.932	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	1868	0.777	ug/L #	65
69) 1,3,5-Trichlorobenzene	12.577	180	24700	0.902	ug/L	96
70) 1,2,4-trichlorobenzene	13.197	180	17096	0.755	ug/L	96
71) Naphthalene	13.445	128	19943	0.566	ug/L	97
72) 1,2,3-Trichlorobenzene	13.676	180	15625	0.747	ug/L	98

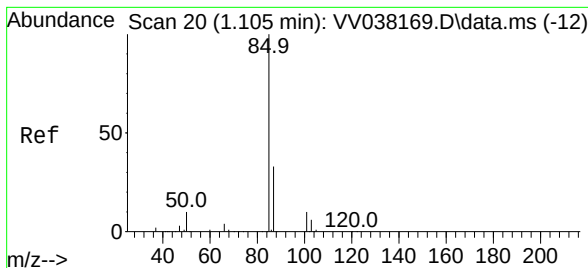
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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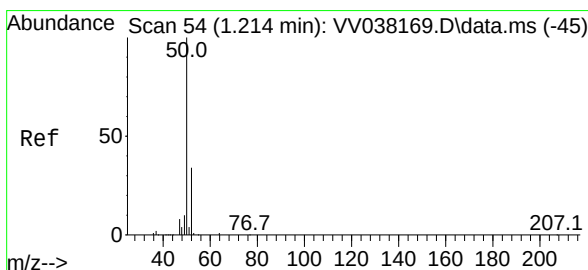
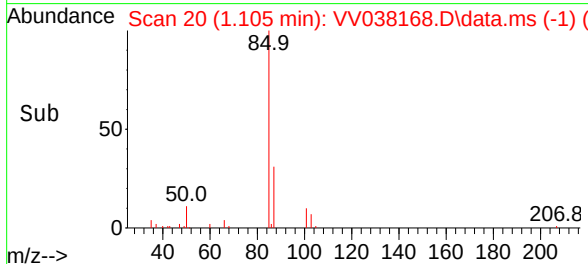
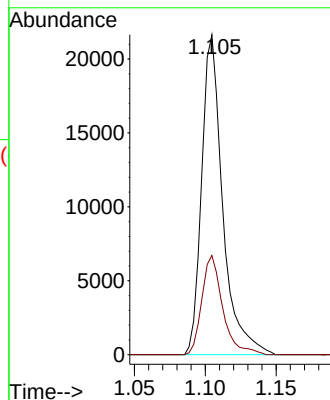
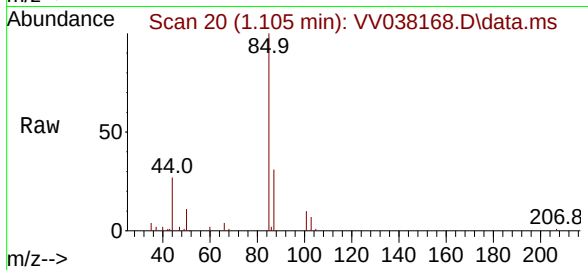




#2
 Dichlorodifluoromethane
 Concen: 0.979 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038168.D
 Acq: 19 Nov 2024 09:40

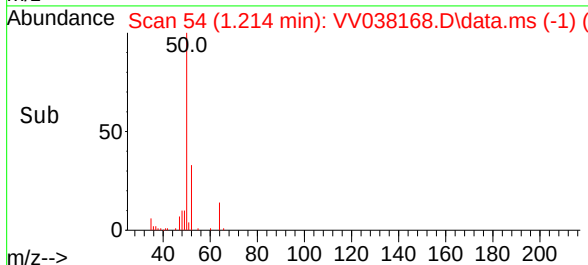
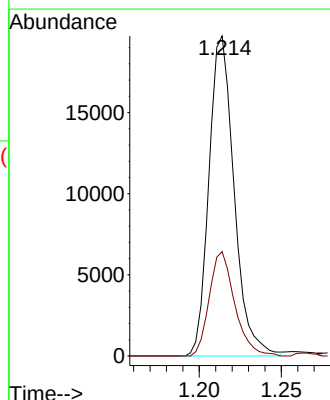
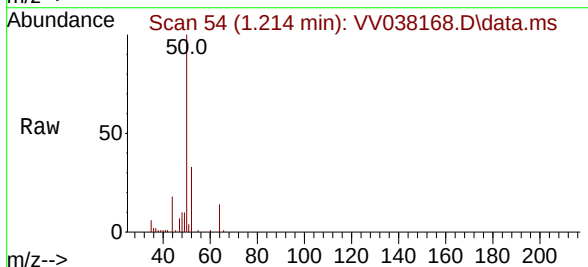
Instrument :
 MSVOA_V
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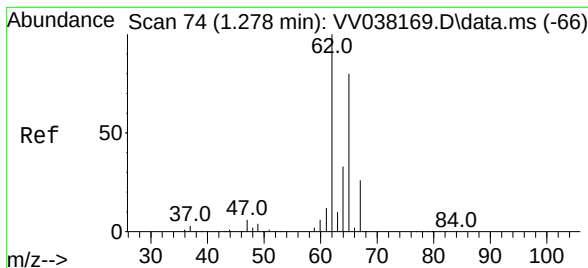
Tgt Ion: 85 Resp: 22330
 Ion Ratio Lower Upper
 85 100
 87 30.8 26.5 39.7



#3
 Chloromethane
 Concen: 1.072 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV038168.D
 Acq: 19 Nov 2024 09:40

Tgt Ion: 50 Resp: 21046
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.5 43.7





#5

Vinyl chloride

Concen: 1.033 ug/L

RT: 1.278 min Scan# 74

Delta R.T. 0.000 min

Lab File: VV038168.D

Acq: 19 Nov 2024 09:40

Instrument :

MSVOA_V

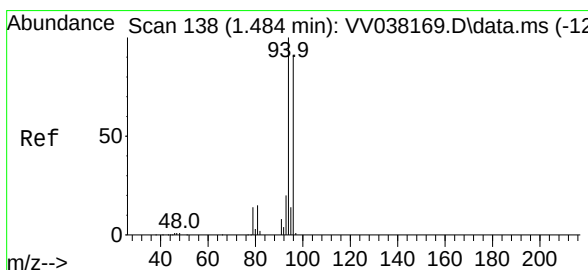
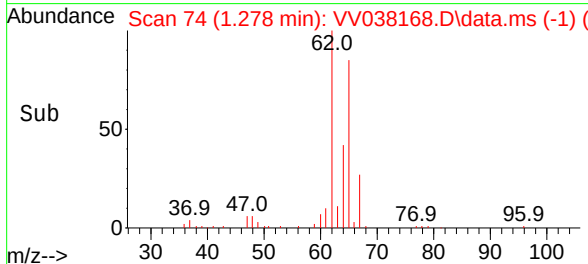
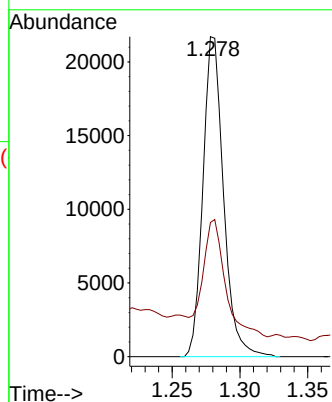
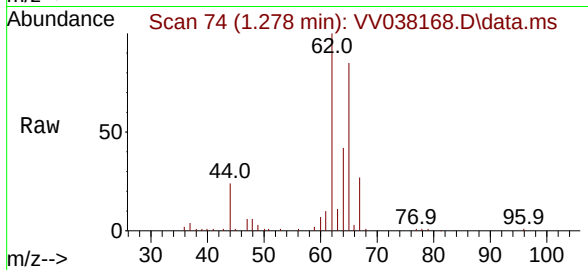
ClientSampleId :

Tgt Ion: 62 Resp: 22981

Ion Ratio Lower Upper

62 100

64 41.9 24.4 45.4



#6

Bromomethane

Concen: 0.881 ug/L

RT: 1.484 min Scan# 138

Delta R.T. 0.000 min

Lab File: VV038168.D

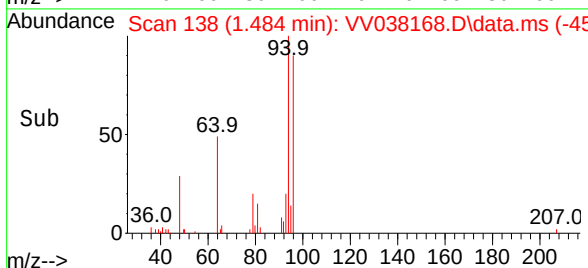
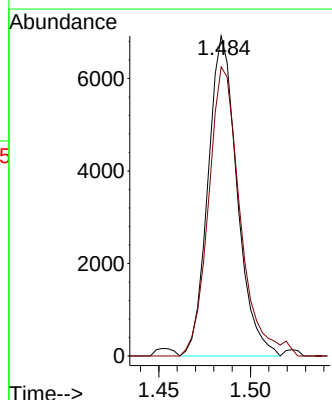
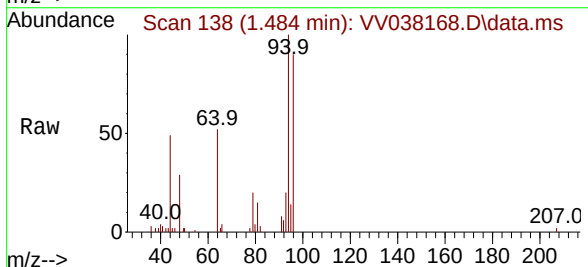
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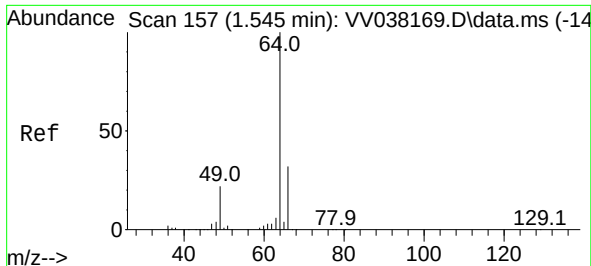
Tgt Ion: 94 Resp: 7642

Ion Ratio Lower Upper

94 100

96 90.4 63.7 118.3

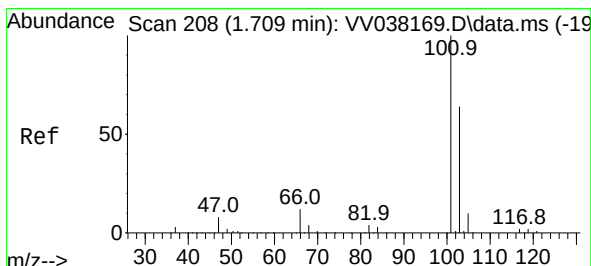
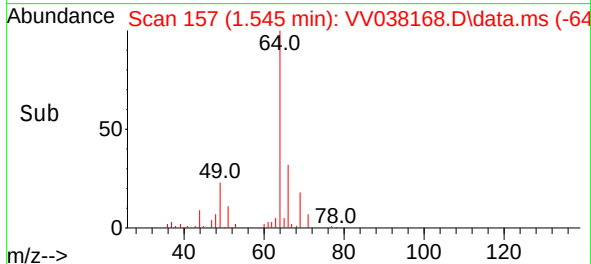
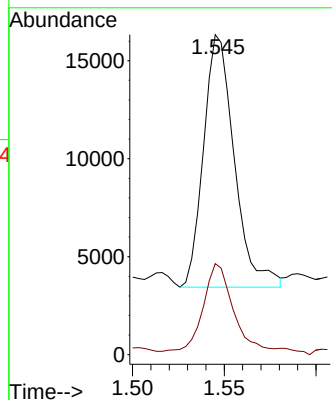
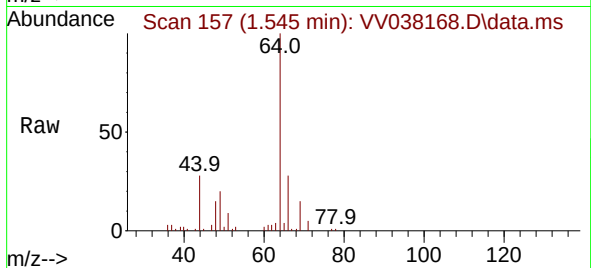




#8
Chloroethane
Concen: 0.964 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.000 min
Lab File: VV038168.D
Acq: 19 Nov 2024 09:40

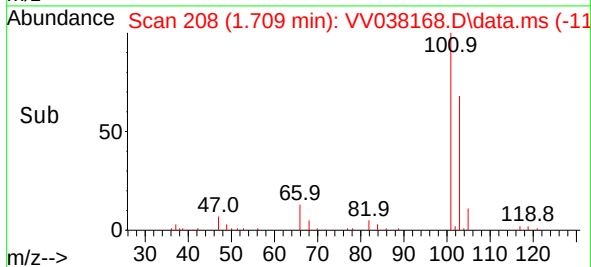
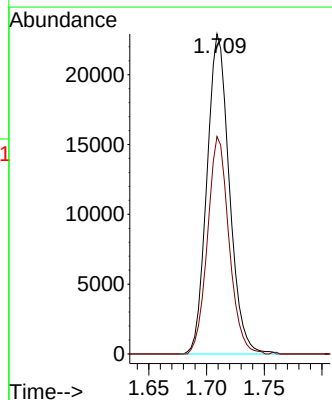
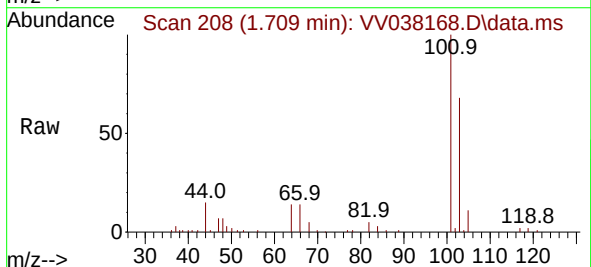
Instrument :
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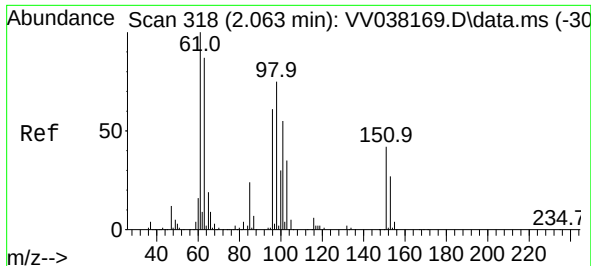
Tgt Ion: 64 Resp: 15019
Ion Ratio Lower Upper
64 100
66 28.5 22.0 40.8



#9
Trichlorofluoromethane
Concen: 0.977 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038168.D
Acq: 19 Nov 2024 09:40

Tgt Ion:101 Resp: 30928
Ion Ratio Lower Upper
101 100
103 65.2 51.5 77.3

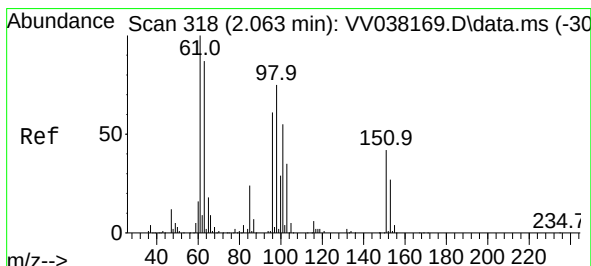
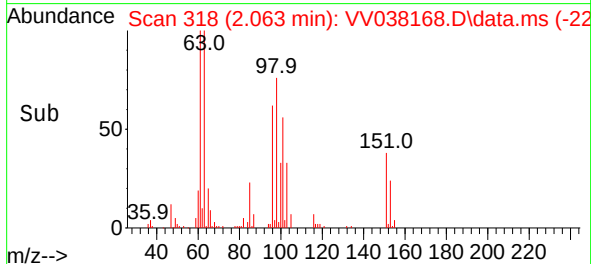
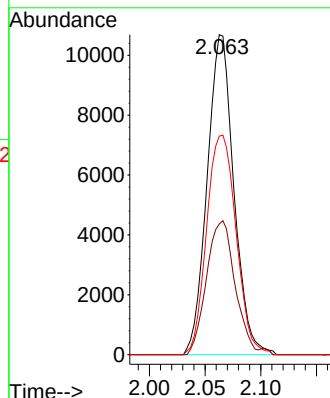
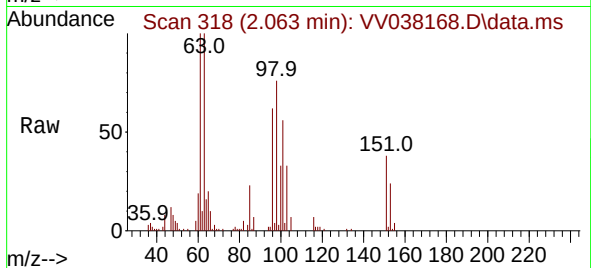




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.987 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV038168.D
 Acq: 19 Nov 2024 09:40

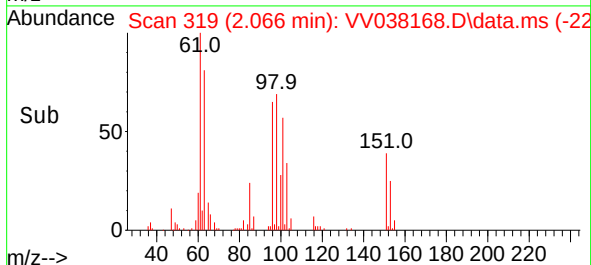
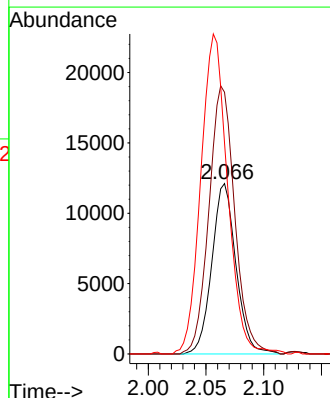
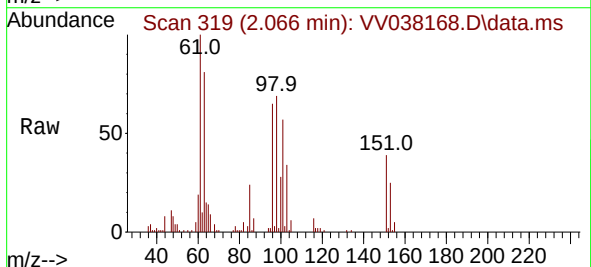
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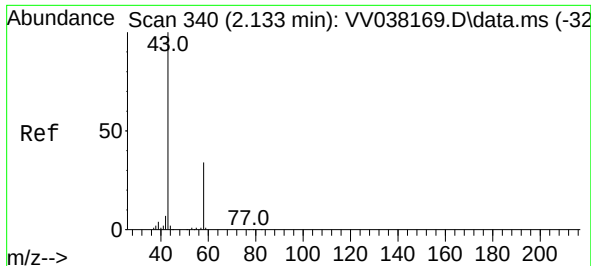
Tgt Ion:101 Resp: 17835
 Ion Ratio Lower Upper
 101 100
 85 44.6 33.4 50.0
 151 75.6 58.8 88.2



#12
 1,1-Dichloroethene
 Concen: 1.022 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.003 min
 Lab File: VV038168.D
 Acq: 19 Nov 2024 09:40

Tgt Ion: 96 Resp: 17597
 Ion Ratio Lower Upper
 96 100
 61 153.7 115.7 214.9
 63 124.0 101.1 187.7





#13

Acetone

Concen: 9.931 ug/L

RT: 2.133 min Scan# 340

Delta R.T. 0.000 min

Lab File: VV038168.D

Acq: 19 Nov 2024 09:40

Instrument :

MSVOA_V

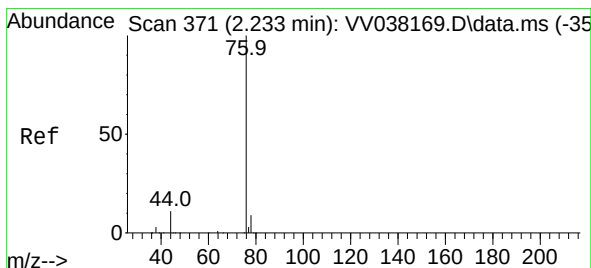
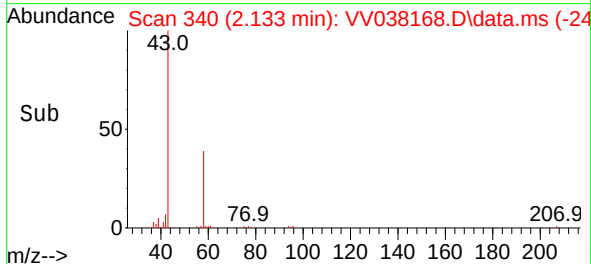
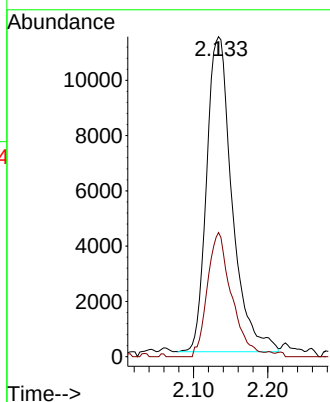
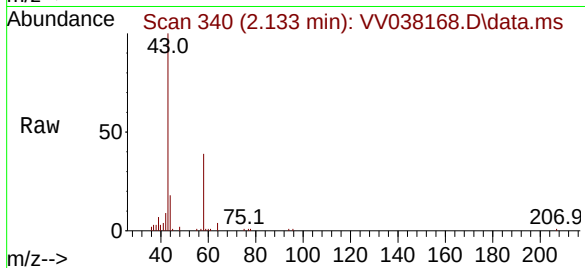
ClientSampleId :

Tgt Ion: 43 Resp: 27149

Ion Ratio Lower Upper

43 100

58 37.3 0.0 67.2



#14

Carbon disulfide

Concen: 0.951 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.003 min

Lab File: VV038168.D

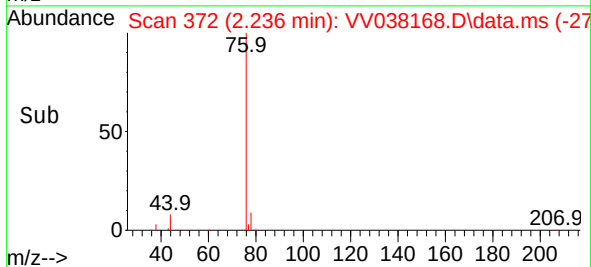
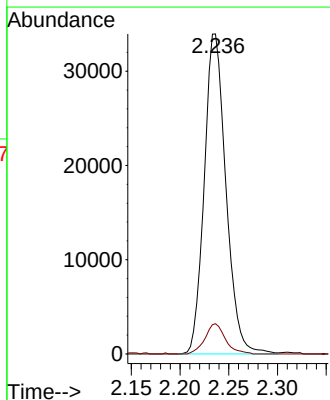
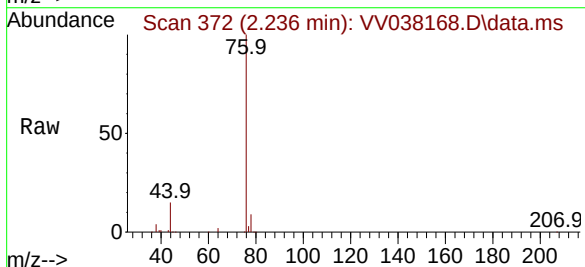
Acq: 19 Nov 2024 09:40

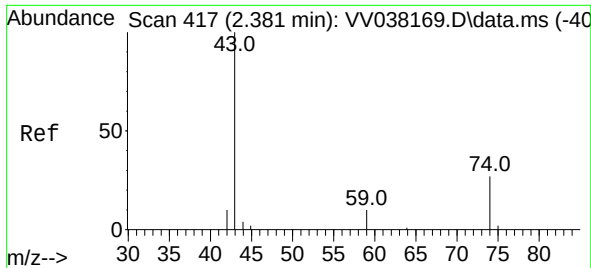
Tgt Ion: 76 Resp: 52731

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0

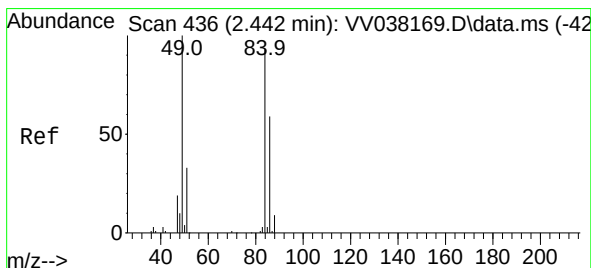
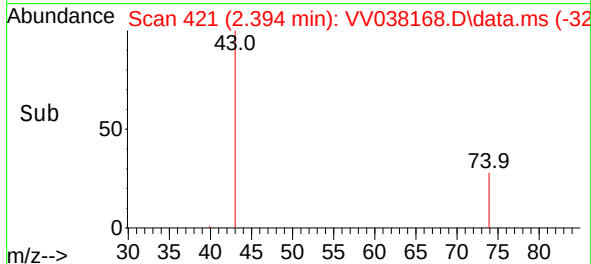
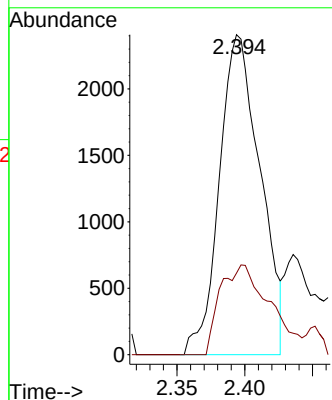
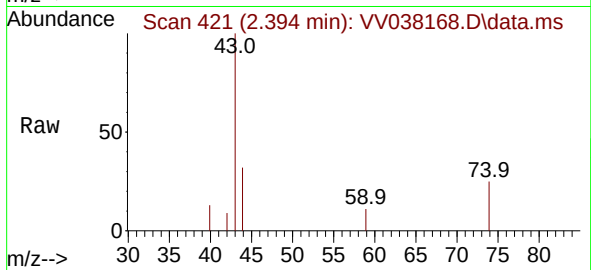




#15
Methyl Acetate
Concen: 0.749 ug/L
RT: 2.394 min Scan# 417
Delta R.T. 0.013 min
Lab File: VV038168.D
Acq: 19 Nov 2024 09:40

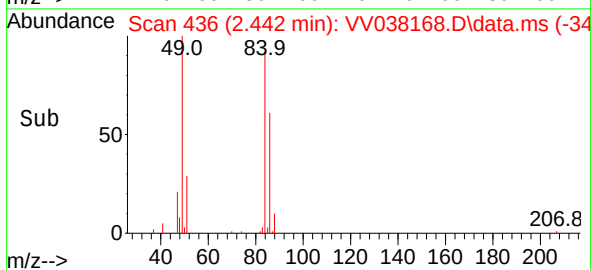
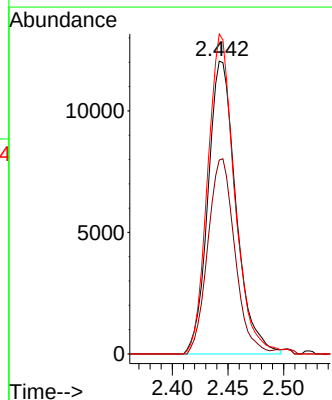
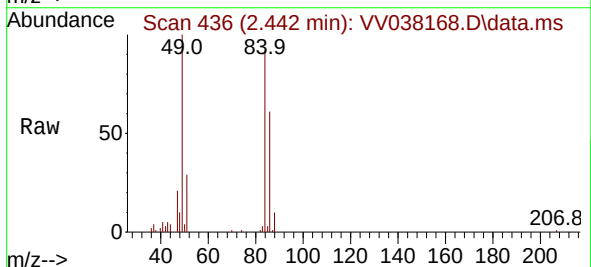
Instrument :
MSVOA_V
ClientSampleId :

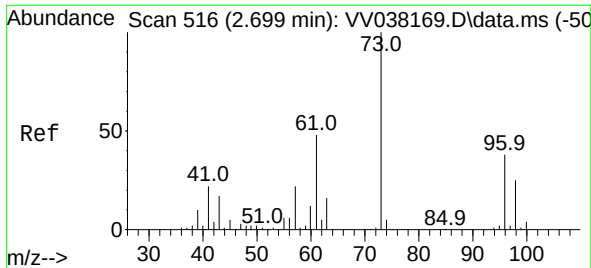
Tgt Ion: 43 Resp: 5037
Ion Ratio Lower Upper
43 100
74 34.2 22.4 33.6#



#16
Methylene chloride
Concen: 1.074 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV038168.D
Acq: 19 Nov 2024 09:40

Tgt Ion: 84 Resp: 21078
Ion Ratio Lower Upper
84 100
86 66.2 44.2 82.2
49 109.3 74.9 139.1





#17

Methyl tert-butyl Ether

Concen: 0.899 ug/L

RT: 2.699 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV038168.D

Acq: 19 Nov 2024 09:40

Instrument :

MSVOA_V

ClientSampleId :

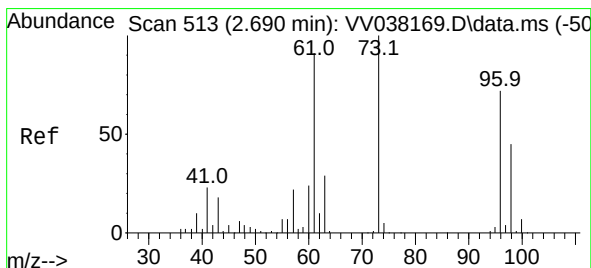
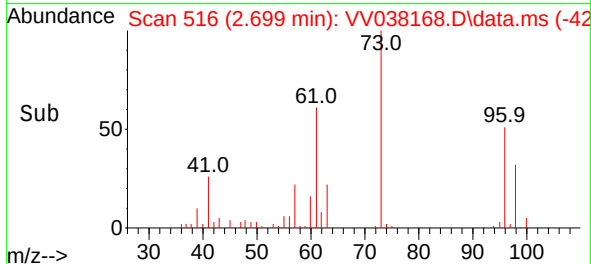
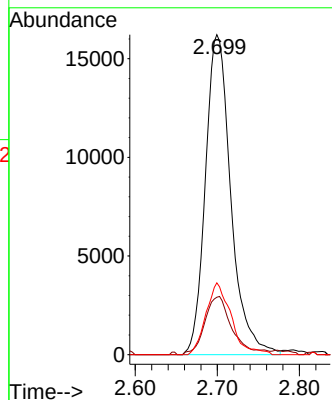
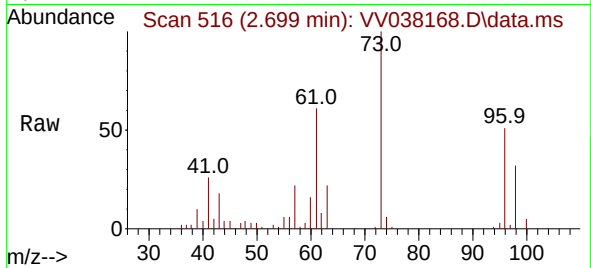
Tgt Ion: 73 Resp: 35012

Ion Ratio Lower Upper

73 100

43 19.5 14.2 21.2

57 22.2 17.6 26.4



#18

trans-1,2-Dichloroethene

Concen: 0.946 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.006 min

Lab File: VV038168.D

Acq: 19 Nov 2024 09:40

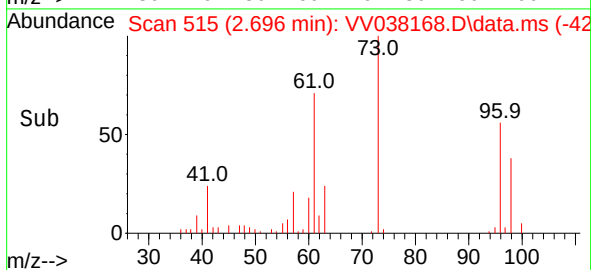
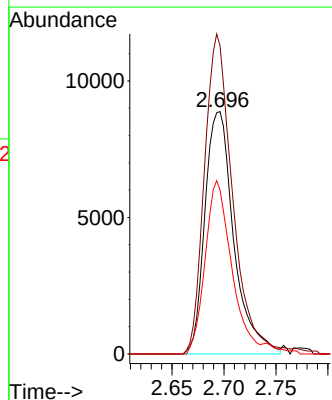
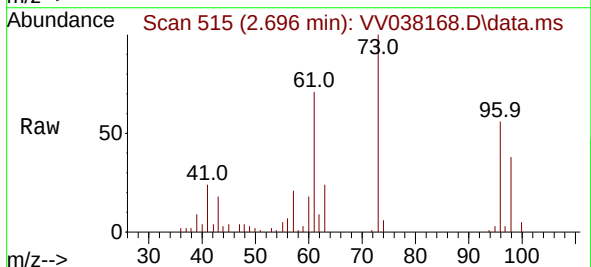
Tgt Ion: 96 Resp: 17156

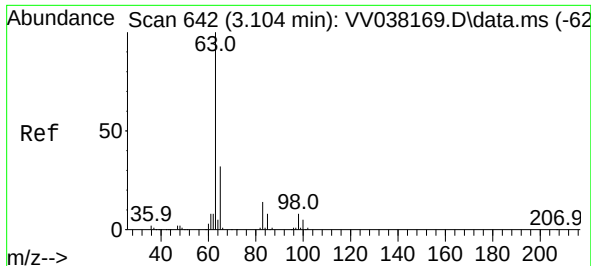
Ion Ratio Lower Upper

96 100

61 127.1 88.5 164.4

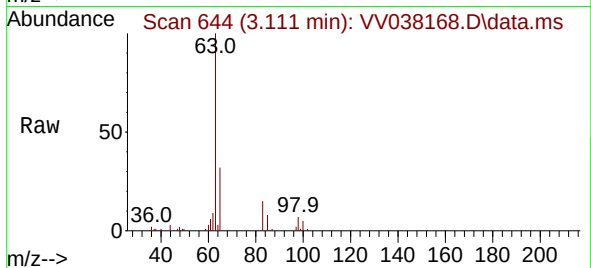
98 67.7 43.9 81.5



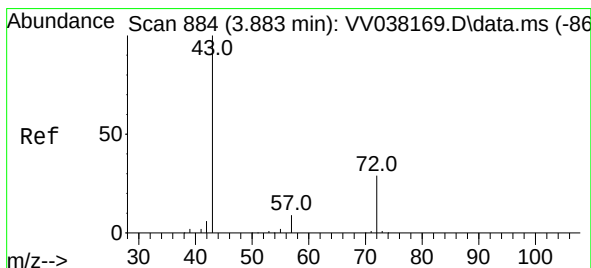
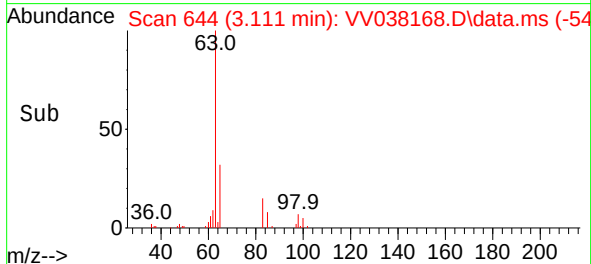
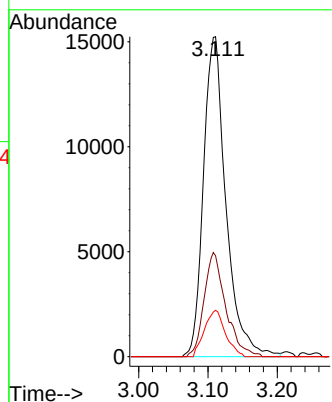


#19
1,1-Dichloroethane
Concen: 1.043 ug/L
RT: 3.111 min Scan# 642
Delta R.T. 0.006 min
Lab File: VV038168.D
Acq: 19 Nov 2024 09:40

Instrument :
MSVOA_V
ClientSampleId :

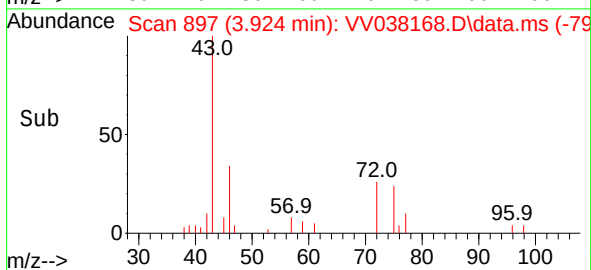
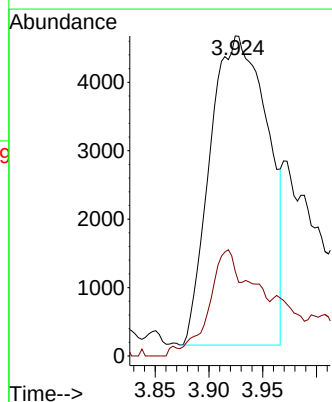
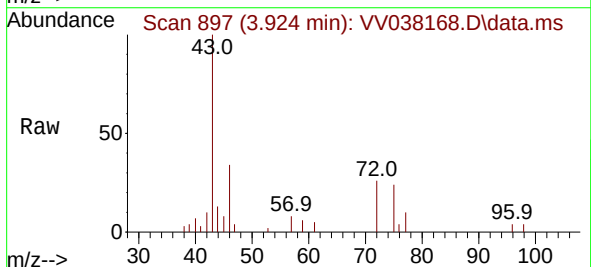


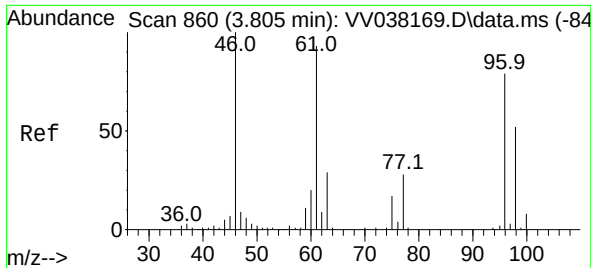
Tgt Ion: 63 Resp: 34355
Ion Ratio Lower Upper
63 100
65 31.5 22.5 41.7
83 14.5 10.1 18.9



#21
2-Butanone
Concen: 4.594 ug/L
RT: 3.924 min Scan# 897
Delta R.T. 0.042 min
Lab File: VV038168.D
Acq: 19 Nov 2024 09:40

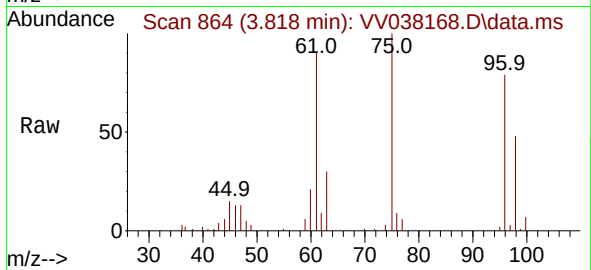
Tgt Ion: 43 Resp: 16741
Ion Ratio Lower Upper
43 100
72 15.3 13.0 39.0





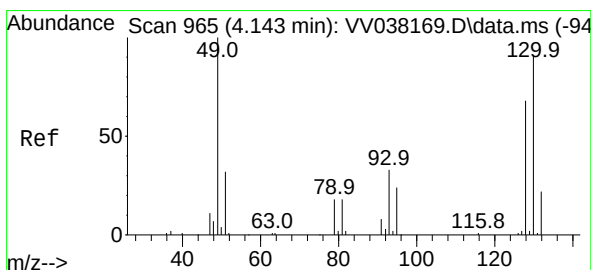
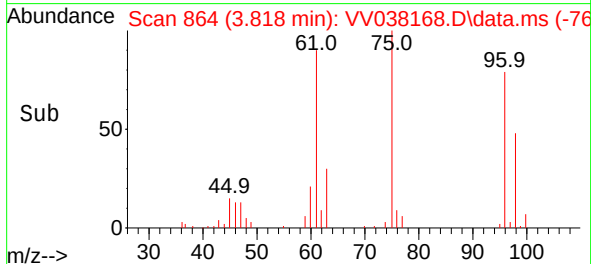
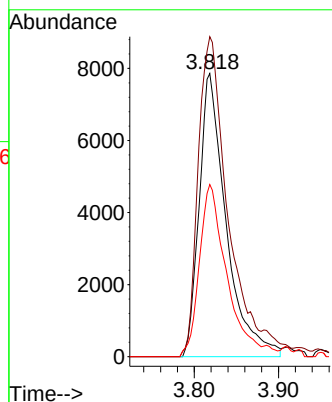
#22
 cis-1,2-Dichloroethene
 Concen: 0.932 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. 0.013 min
 Lab File: VV038168.D
 Acq: 19 Nov 2024 09:40

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 17483

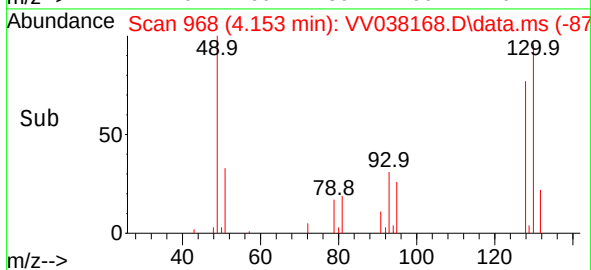
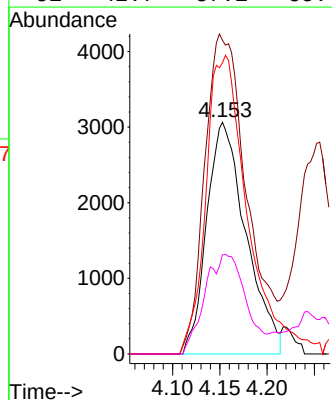
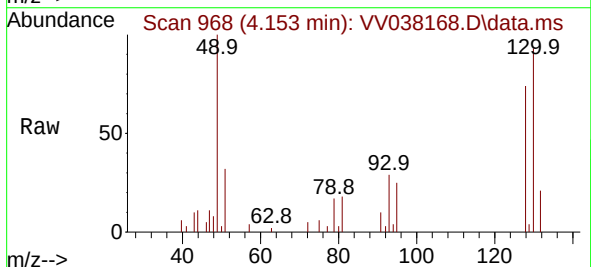
Ion	Ratio	Lower	Upper
96	100		
61	113.0	82.7	153.5
98	60.8	46.3	85.9

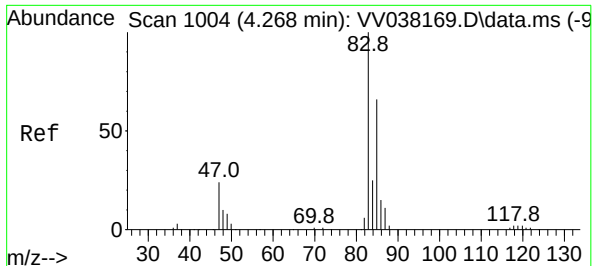


#23
 Bromochloromethane
 Concen: 0.965 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.010 min
 Lab File: VV038168.D
 Acq: 19 Nov 2024 09:40

Tgt Ion: 128 Resp: 8840

Ion	Ratio	Lower	Upper
128	100		
49	135.4	102.8	190.8
130	125.7	93.6	173.8
51	42.7	37.1	55.7





#25

Chloroform

Concen: 1.018 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV038168.D

Acq: 19 Nov 2024 09:40

Instrument :

MSVOA_V

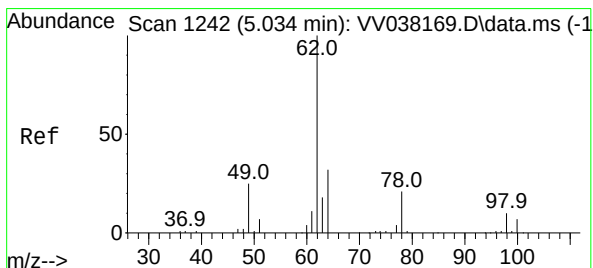
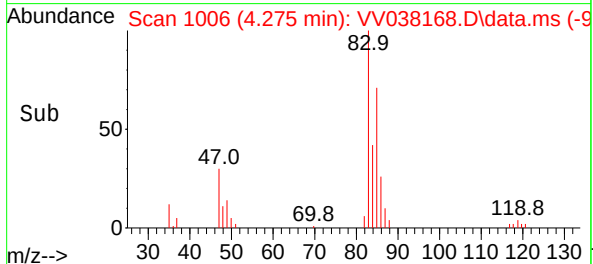
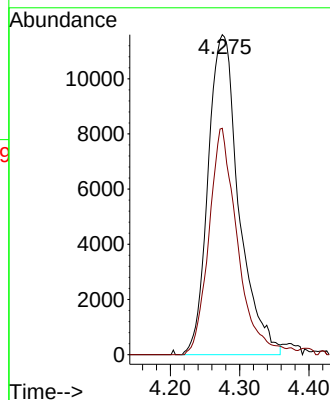
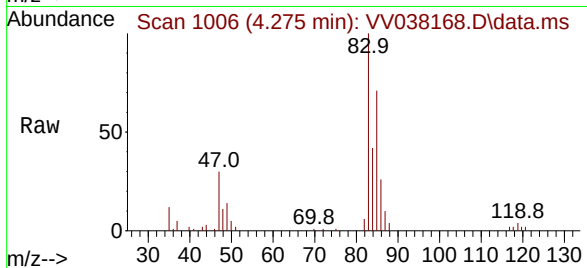
ClientSampleId :

Tgt Ion: 83 Resp: 35848

Ion Ratio Lower Upper

83 100

85 70.7 46.5 86.3



#27

1,2-Dichloroethane

Concen: 0.946 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. 0.019 min

Lab File: VV038168.D

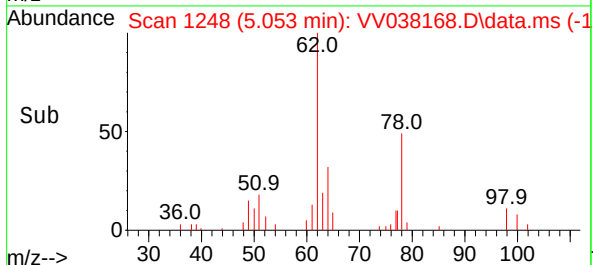
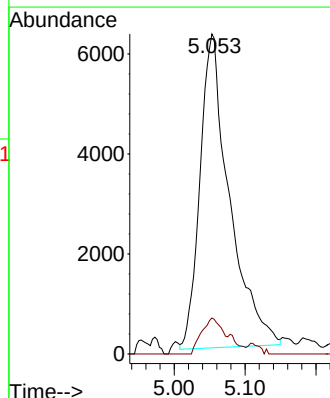
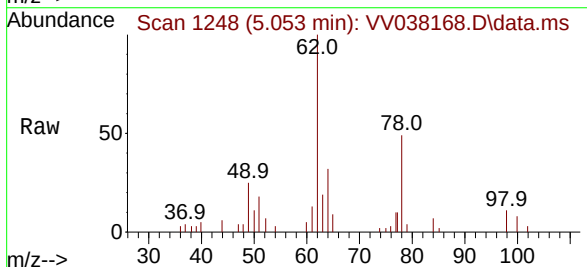
Acq: 19 Nov 2024 09:40

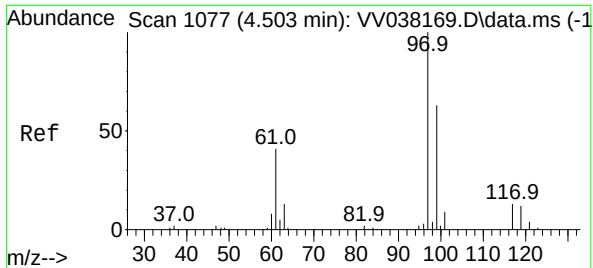
Tgt Ion: 62 Resp: 18128

Ion Ratio Lower Upper

62 100

98 11.3 8.2 12.4

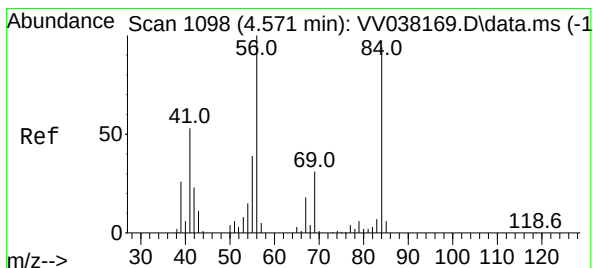
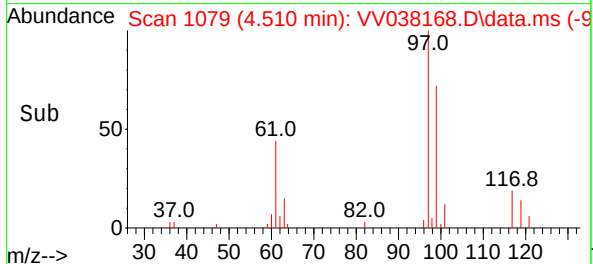
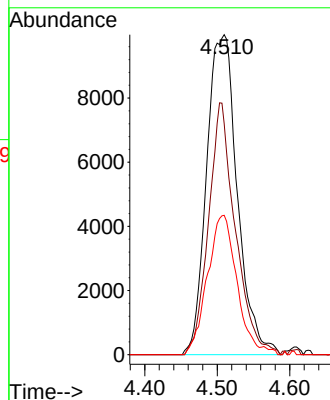
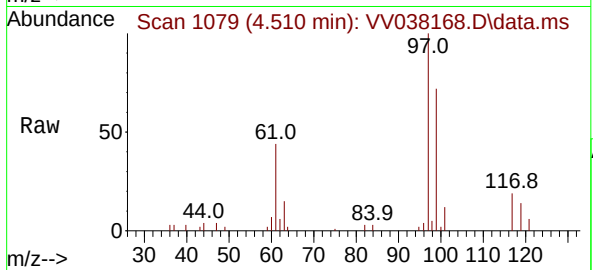




#29
1,1,1-Trichloroethane
Concen: 0.937 ug/L
RT: 4.510 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV038168.D
Acq: 19 Nov 2024 09:40

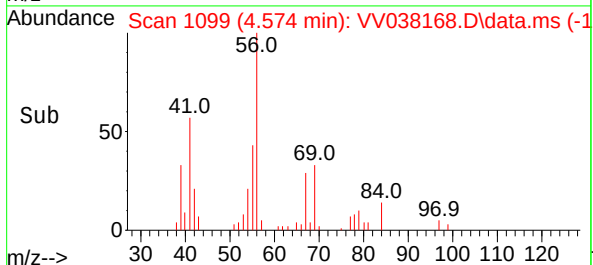
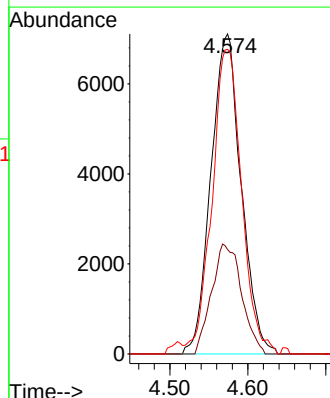
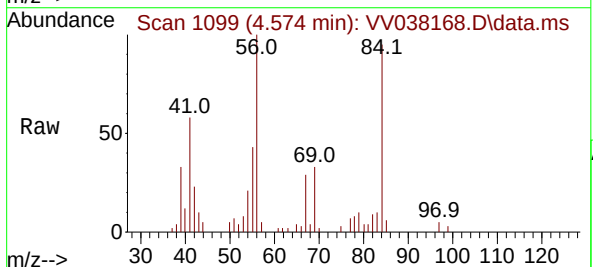
Instrument :
MSVOA_V
ClientSampleId :

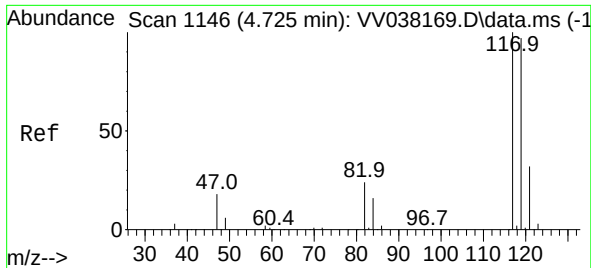
Tgt Ion: 97 Resp: 29402
Ion Ratio Lower Upper
97 100
99 68.5 51.8 77.8
61 42.1 32.2 48.2



#30
Cyclohexane
Concen: 0.736 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. 0.003 min
Lab File: VV038168.D
Acq: 19 Nov 2024 09:40

Tgt Ion: 56 Resp: 19151
Ion Ratio Lower Upper
56 100
69 34.0 26.0 39.0
84 93.1 75.6 113.4

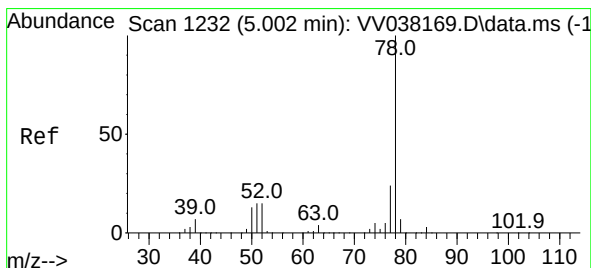
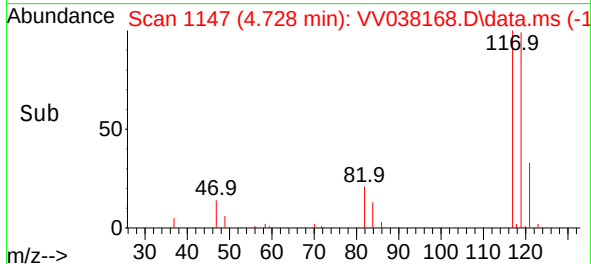
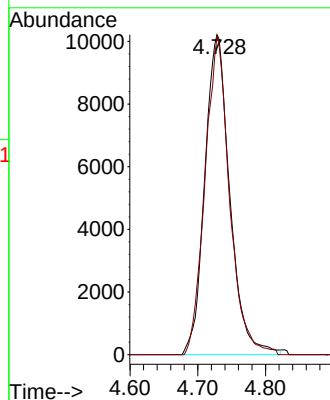
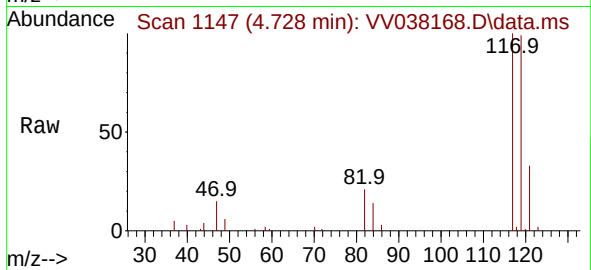




#31
Carbon tetrachloride
Concen: 0.948 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV038168.D
Acq: 19 Nov 2024 09:40

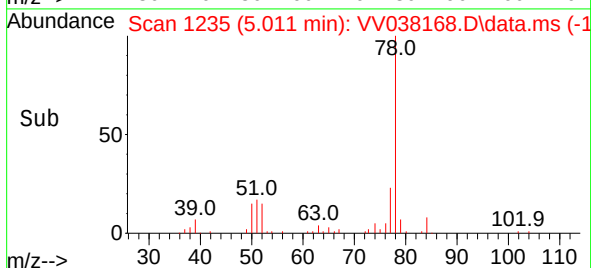
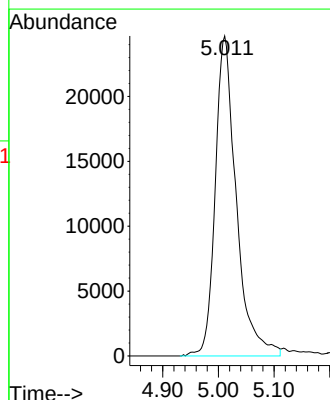
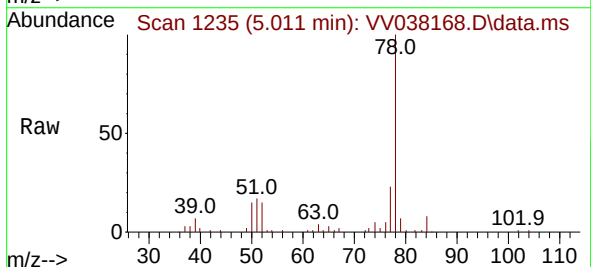
Instrument :
MSVOA_V
ClientSampleId :

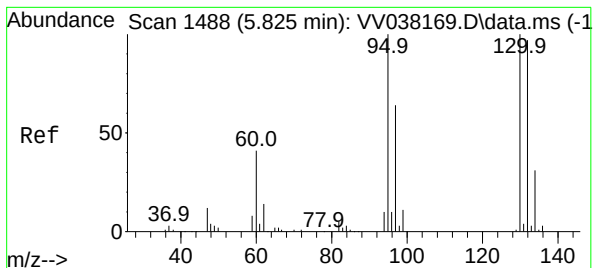
Tgt Ion:117 Resp: 26246
Ion Ratio Lower Upper
117 100
119 97.5 77.4 116.2



#33
Benzene
Concen: 0.882 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.010 min
Lab File: VV038168.D
Acq: 19 Nov 2024 09:40

Tgt Ion: 78 Resp: 64794





#34

Trichloroethene

Concen: 0.884 ug/L

RT: 5.834 min Scan# 1488

Delta R.T. 0.010 min

Lab File: VV038168.D

Acq: 19 Nov 2024 09:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 17710

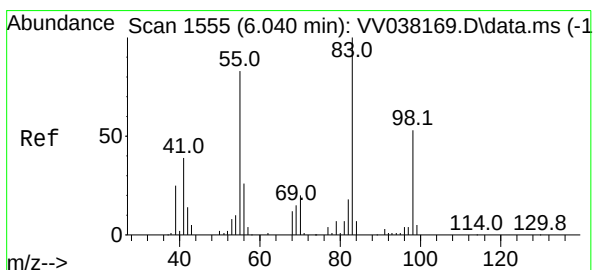
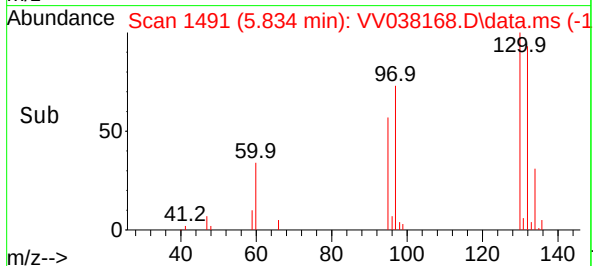
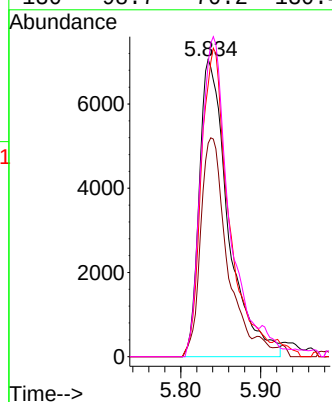
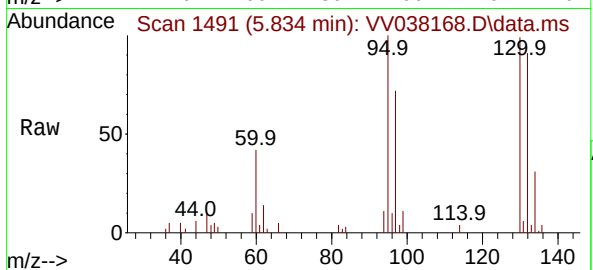
Ion Ratio Lower Upper

95 100

97 71.8 44.8 83.2

132 91.5 68.3 126.8

130 98.7 70.2 130.4



#35

Methylcyclohexane

Concen: 0.751 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.003 min

Lab File: VV038168.D

Acq: 19 Nov 2024 09:40

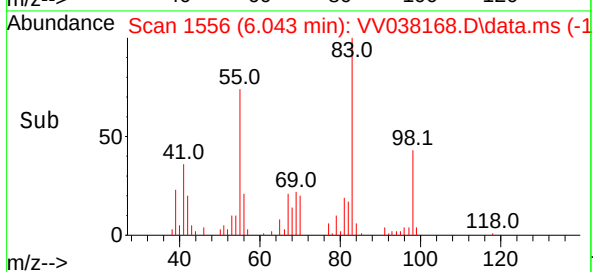
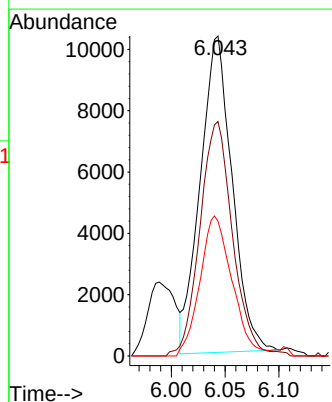
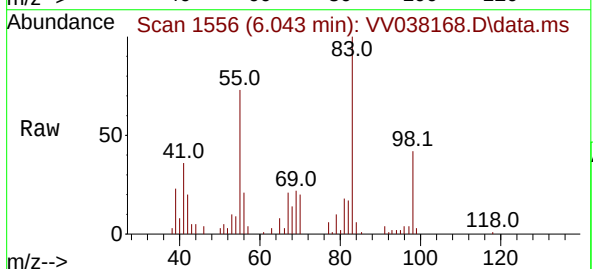
Tgt Ion: 83 Resp: 21286

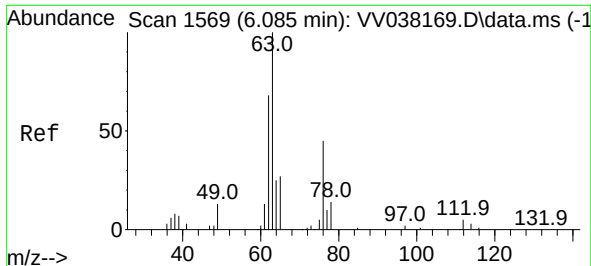
Ion Ratio Lower Upper

83 100

55 76.0 59.7 89.5

98 44.7 39.0 58.4

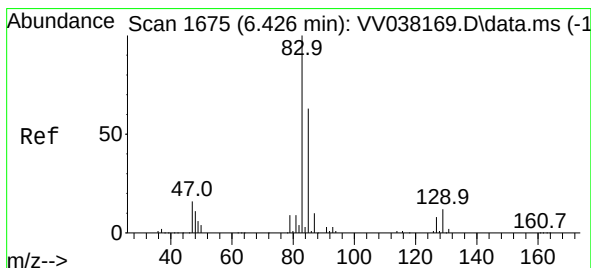
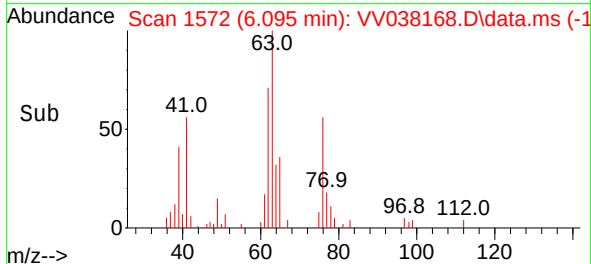
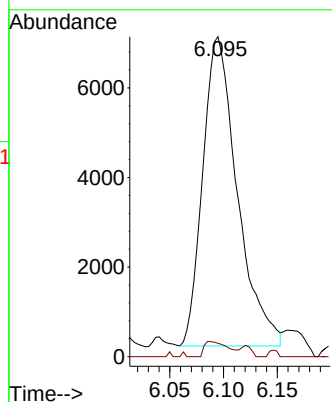
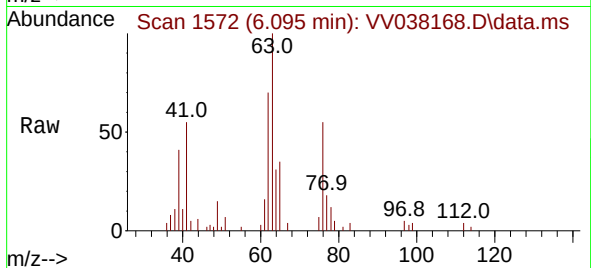




#37
1,2-Dichloropropane
Concen: 0.837 ug/L
RT: 6.095 min Scan# 1569
Delta R.T. 0.010 min
Lab File: VV038168.D
Acq: 19 Nov 2024 09:40

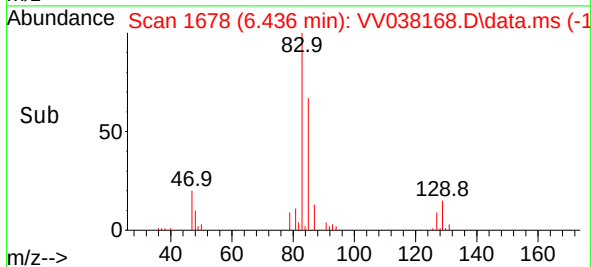
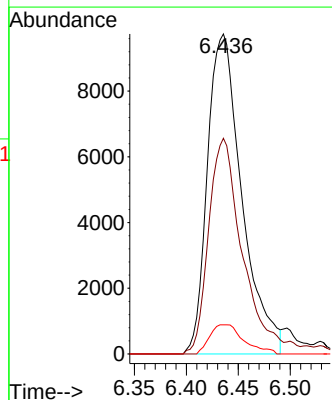
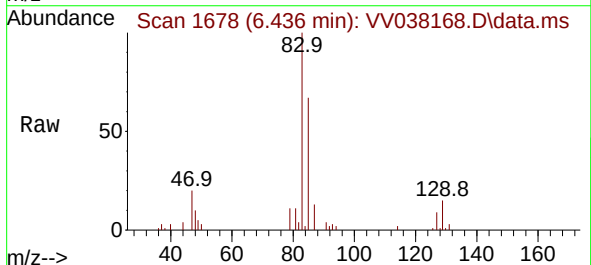
Instrument :
MSVOA_V
ClientSampleId :

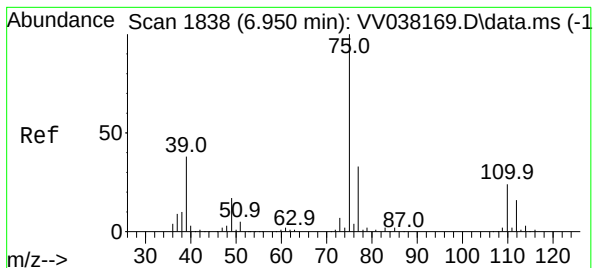
Tgt Ion: 63 Resp: 15411
Ion Ratio Lower Upper
63 100
112 3.2 3.9 5.9#



#38
Bromodichloromethane
Concen: 0.908 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.010 min
Lab File: VV038168.D
Acq: 19 Nov 2024 09:40

Tgt Ion: 83 Resp: 22460
Ion Ratio Lower Upper
83 100
85 67.4 43.9 81.5
127 9.1 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 0.723 ug/L

RT: 6.963 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV038168.D

Acq: 19 Nov 2024 09:40

Instrument :

MSVOA_V

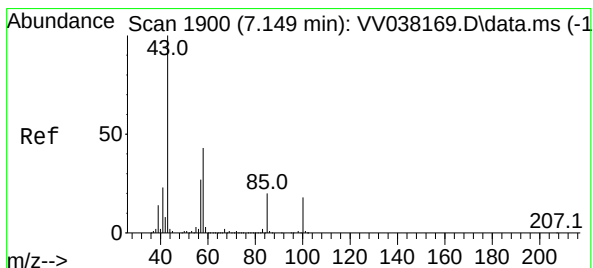
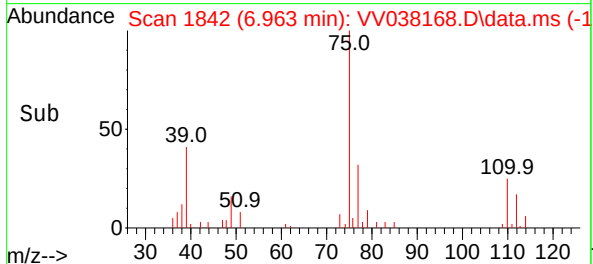
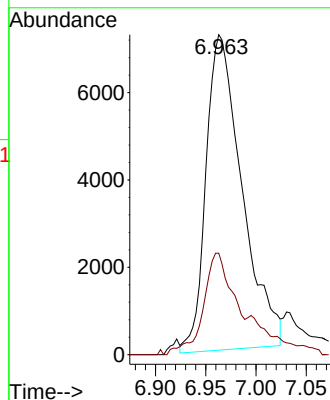
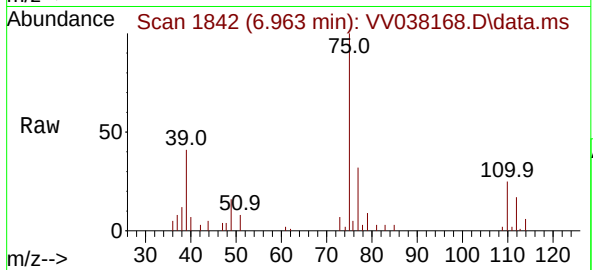
ClientSampleId :

Tgt Ion: 75 Resp: 17987

Ion Ratio Lower Upper

75 100

77 31.7 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 7.118 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.010 min

Lab File: VV038168.D

Acq: 19 Nov 2024 09:40

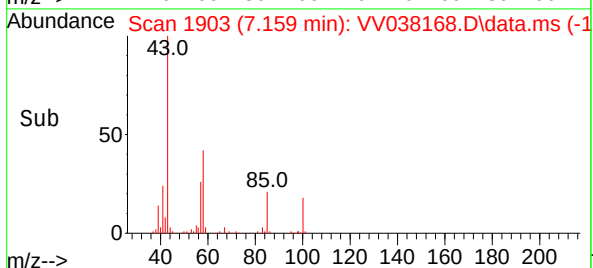
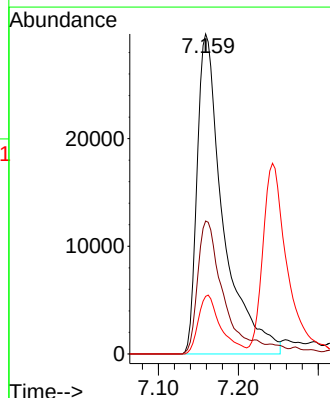
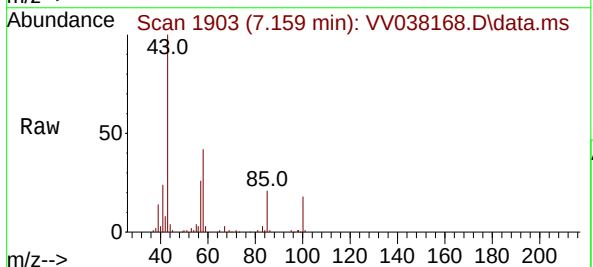
Tgt Ion: 43 Resp: 67416

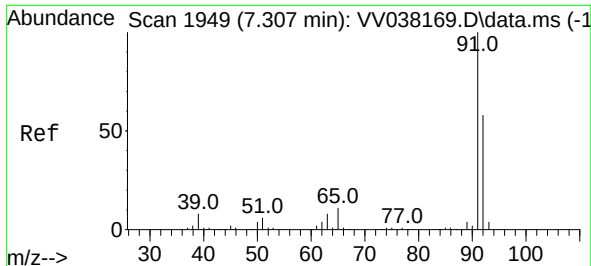
Ion Ratio Lower Upper

43 100

58 40.9 33.4 50.2

100 16.1 14.3 21.5





#42

Toluene

Concen: 0.789 ug/L

RT: 7.317 min Scan# 1949

Delta R.T. 0.010 min

Lab File: VV038168.D

Acq: 19 Nov 2024 09:40

Instrument :

MSVOA_V

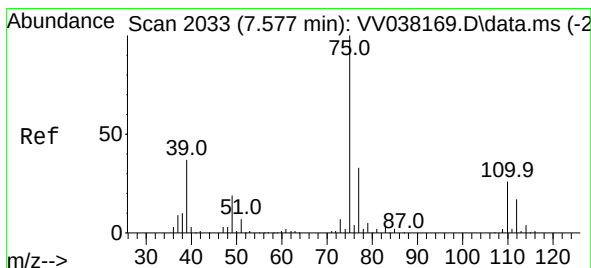
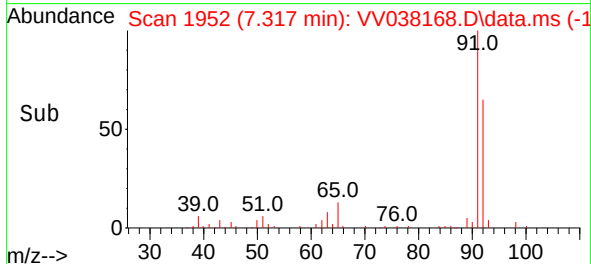
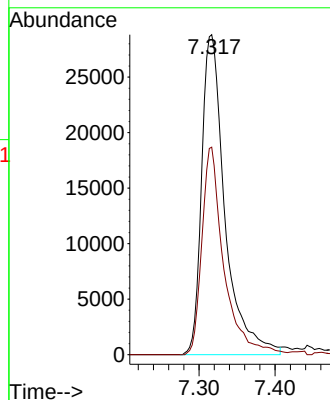
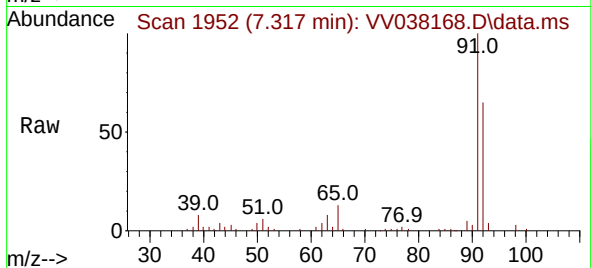
ClientSampleId :

Tgt Ion: 91 Resp: 61372

Ion Ratio Lower Upper

91 100

92 64.9 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.725 ug/L

RT: 7.593 min Scan# 2038

Delta R.T. 0.016 min

Lab File: VV038168.D

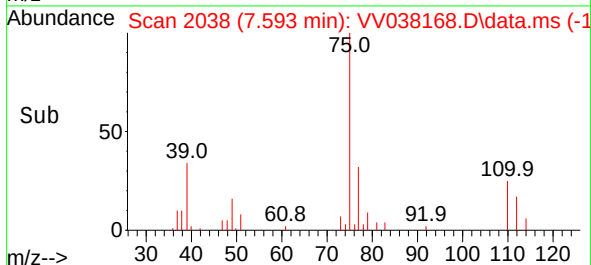
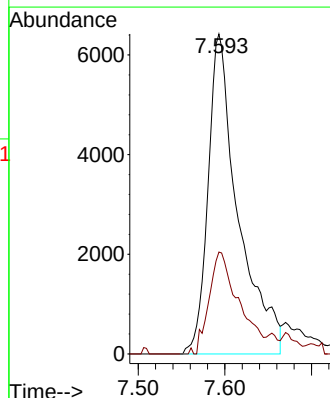
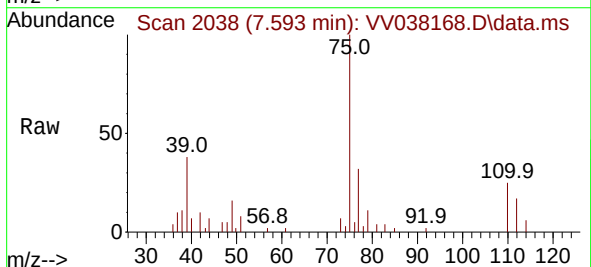
Acq: 19 Nov 2024 09:40

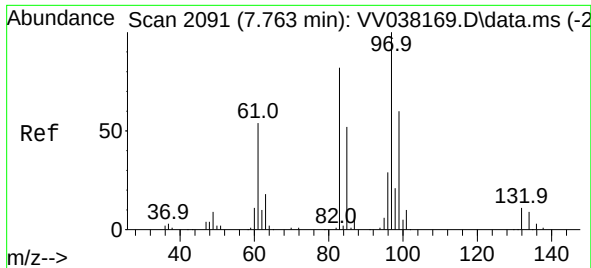
Tgt Ion: 75 Resp: 15498

Ion Ratio Lower Upper

75 100

77 31.9 23.4 43.4

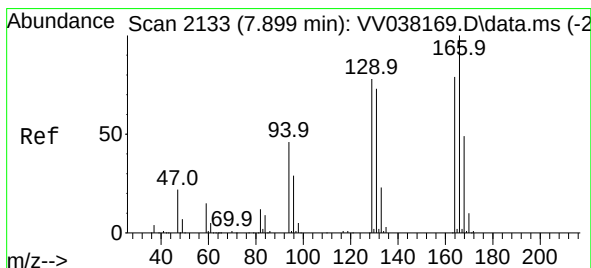
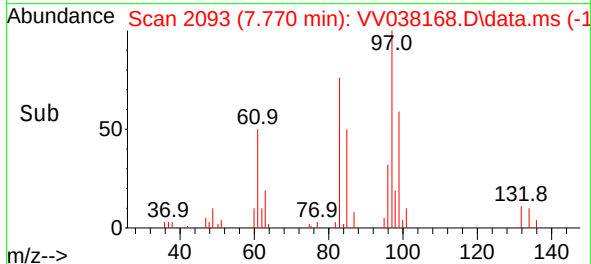
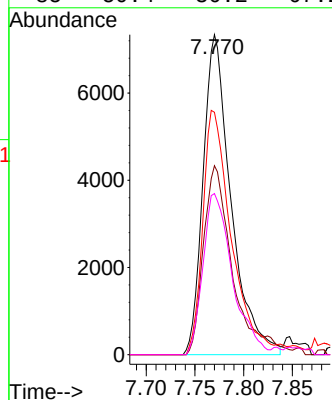
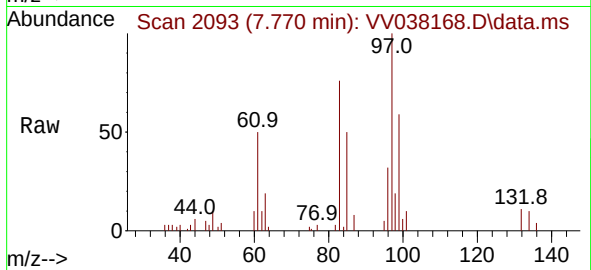




#45
1,1,2-Trichloroethane
Concen: 0.980 ug/L
RT: 7.770 min Scan# 2091
Delta R.T. 0.006 min
Lab File: VV038168.D
Acq: 19 Nov 2024 09:40

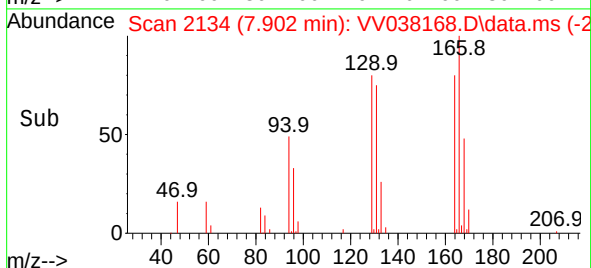
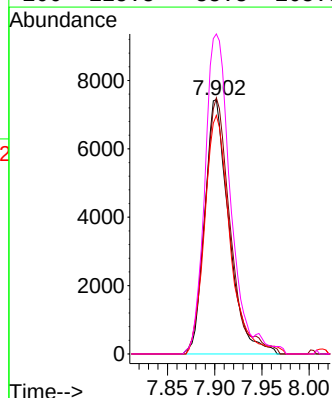
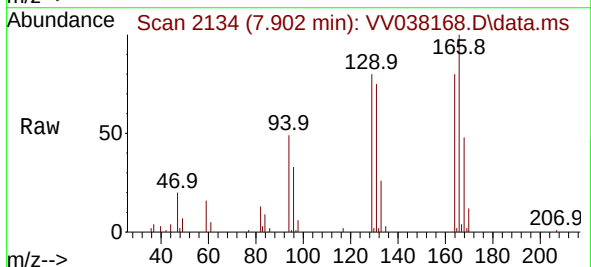
Instrument :
MSVOA_V
ClientSampleId :

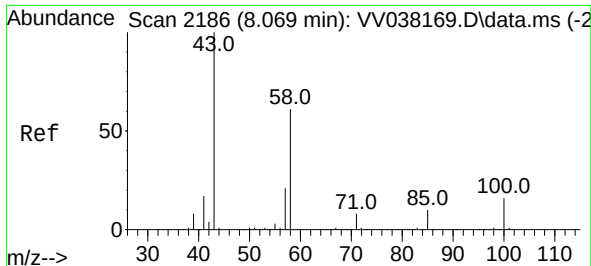
Tgt Ion:	97	Resp:	14629
Ion	Ratio	Lower	Upper
97	100		
99	59.1	41.9	77.7
83	75.8	57.7	107.1
85	50.4	36.2	67.2



#47
Tetrachloroethene
Concen: 0.827 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV038168.D
Acq: 19 Nov 2024 09:40

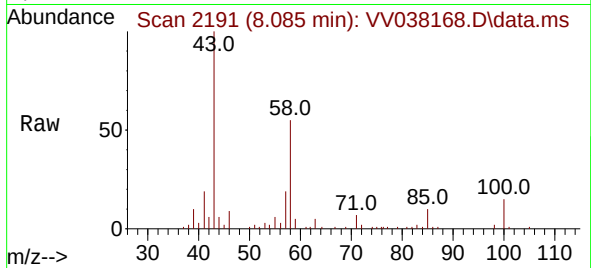
Tgt Ion:	164	Resp:	13307
Ion	Ratio	Lower	Upper
164	100		
129	100.7	68.5	127.1
131	93.8	64.8	120.4
166	125.8	88.3	163.9



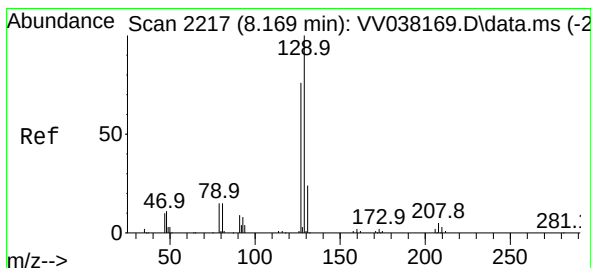
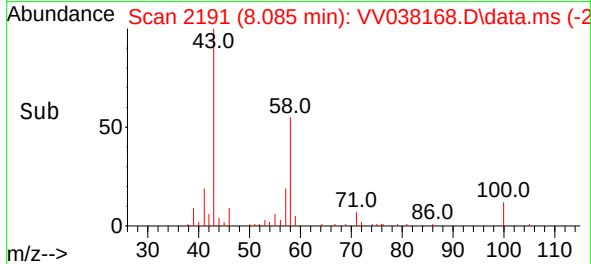
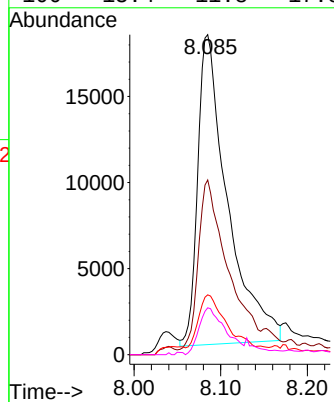


#48
2-Hexanone
Concen: 6.576 ug/L
RT: 8.085 min Scan# 2186
Delta R.T. 0.016 min
Lab File: VV038168.D
Acq: 19 Nov 2024 09:40

Instrument :
MSVOA_V
ClientSampleId :

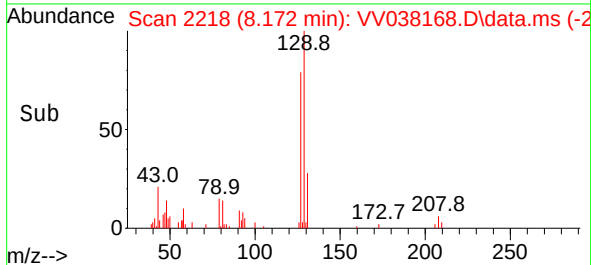
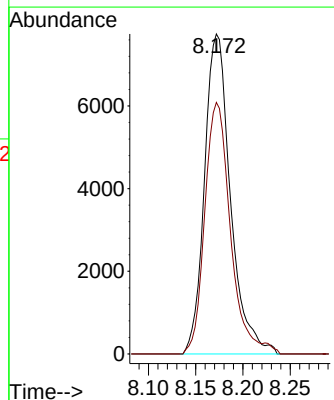
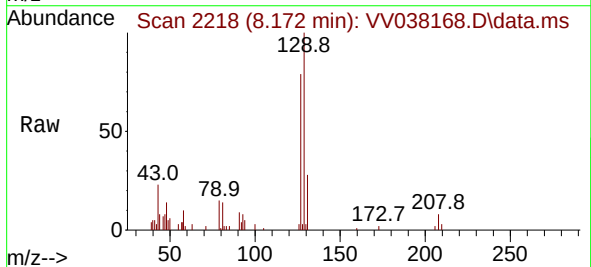


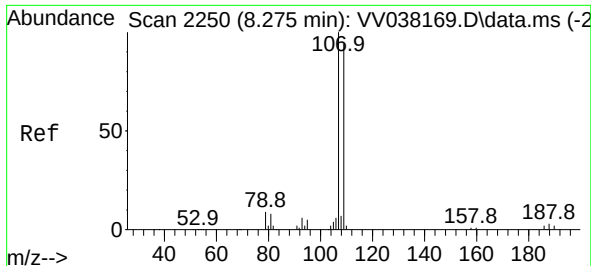
Tgt Ion:	43	Resp:	42988
Ion	Ratio	Lower	Upper
43	100		
58	54.2	49.2	73.8
57	17.0	16.9	25.3
100	13.4	11.8	17.8



#49
Dibromochloromethane
Concen: 0.909 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.003 min
Lab File: VV038168.D
Acq: 19 Nov 2024 09:40

Tgt Ion:	129	Resp:	14788
Ion	Ratio	Lower	Upper
129	100		
127	78.6	53.5	99.3

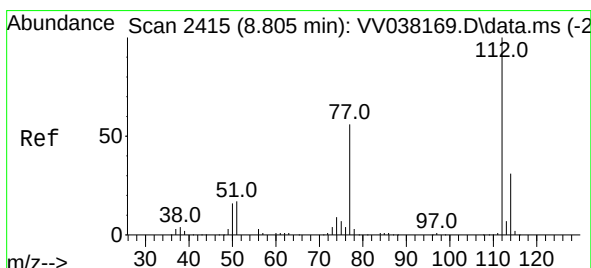
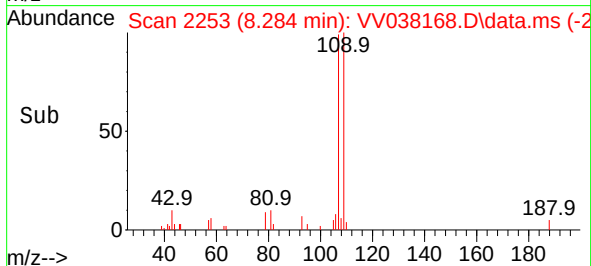
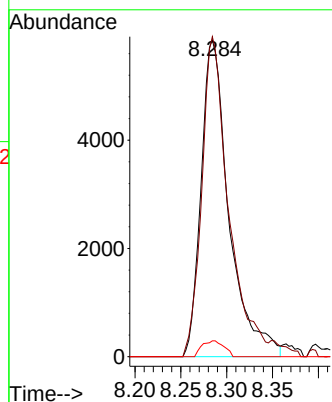
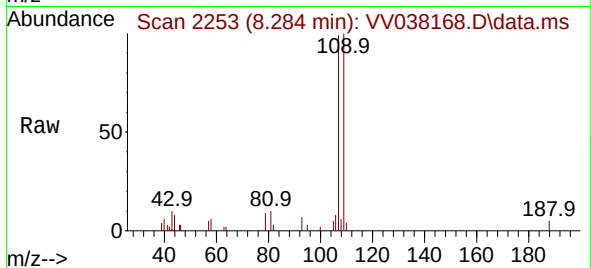




#50
1,2-Dibromoethane
Concen: 0.895 ug/L
RT: 8.284 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV038168.D
Acq: 19 Nov 2024 09:40

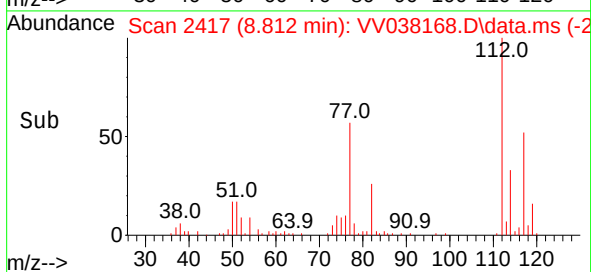
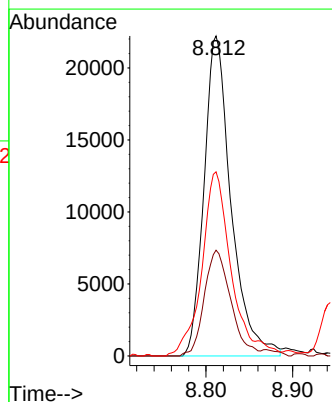
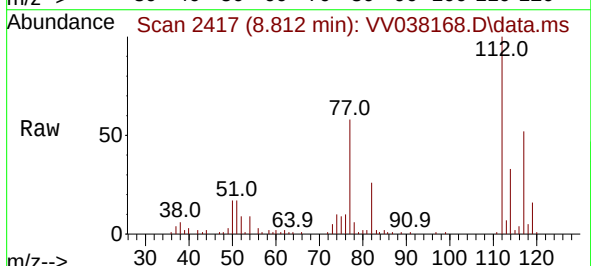
Instrument :
MSVOA_V
ClientSampleId :

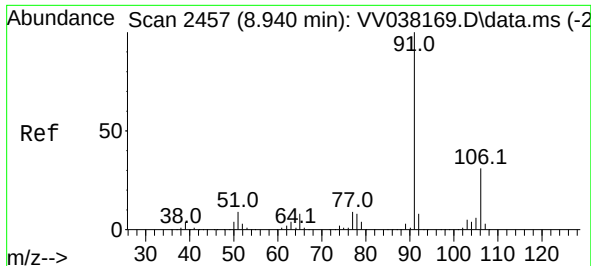
Tgt Ion:107 Resp: 12381
Ion Ratio Lower Upper
107 100
109 101.0 66.1 122.7
188 5.0 2.6 3.8#



#51
Chlorobenzene
Concen: 0.899 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.006 min
Lab File: VV038168.D
Acq: 19 Nov 2024 09:40

Tgt Ion:112 Resp: 48186
Ion Ratio Lower Upper
112 100
114 33.0 22.0 40.8
77 57.6 45.0 67.4





#52

Ethylbenzene

Concen: 0.786 ug/L

RT: 8.944 min Scan# 2457

Delta R.T. 0.003 min

Lab File: VV038168.D

Acq: 19 Nov 2024 09:40

Instrument :

MSVOA_V

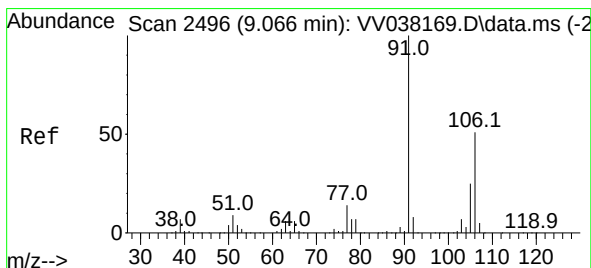
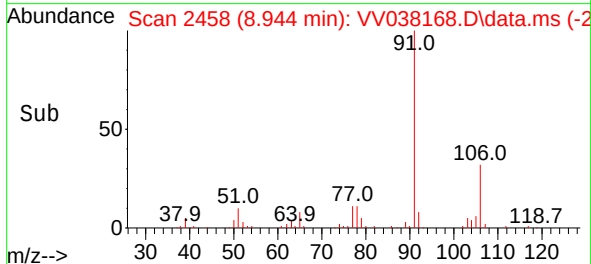
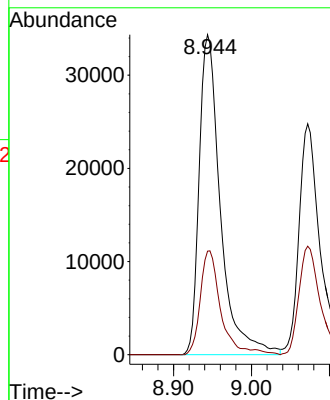
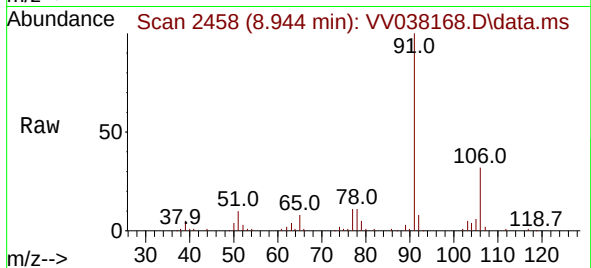
ClientSampleId :

Tgt Ion: 91 Resp: 64911

Ion Ratio Lower Upper

91 100

106 32.4 21.8 40.4



#53

m,p-Xylene

Concen: 0.733 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.006 min

Lab File: VV038168.D

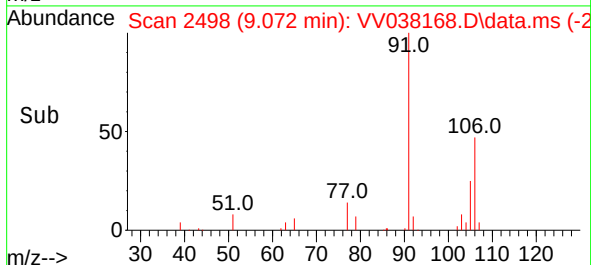
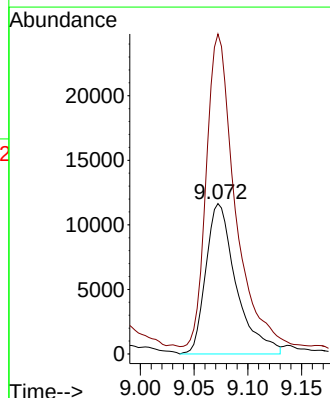
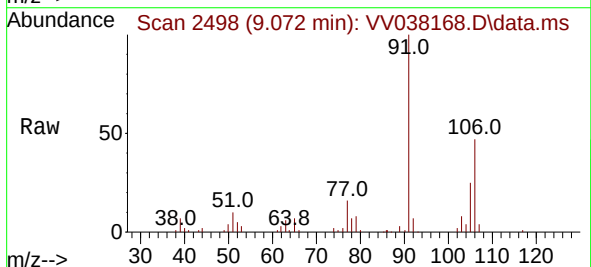
Acq: 19 Nov 2024 09:40

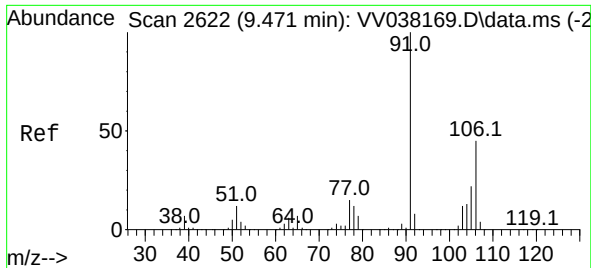
Tgt Ion: 106 Resp: 22827

Ion Ratio Lower Upper

106 100

91 212.7 138.7 257.5

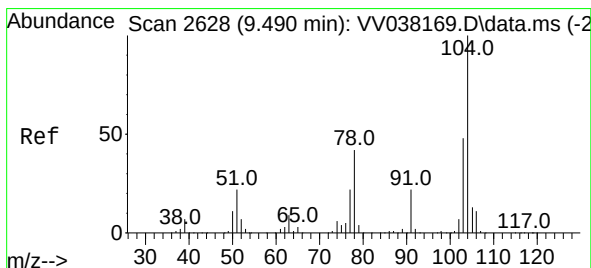
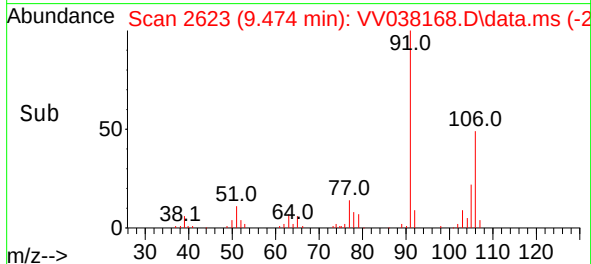
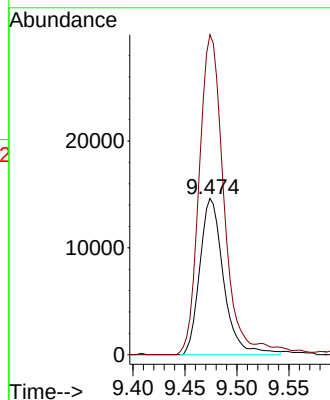
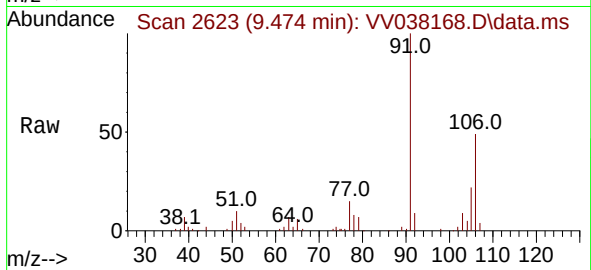




#54
o-Xylene
Concen: 0.770 ug/L
RT: 9.474 min Scan# 2622
Delta R.T. 0.003 min
Lab File: VV038168.D
Acq: 19 Nov 2024 09:40

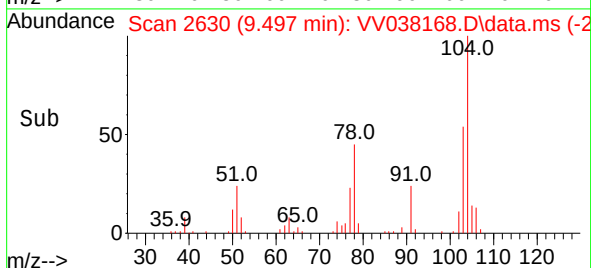
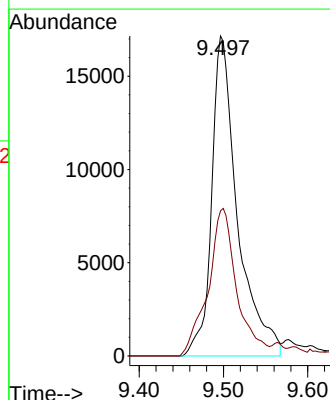
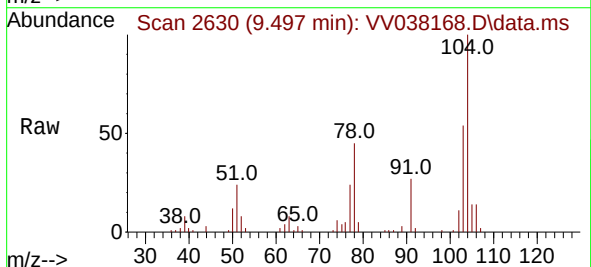
Instrument :
MSVOA_V
ClientSampleId :

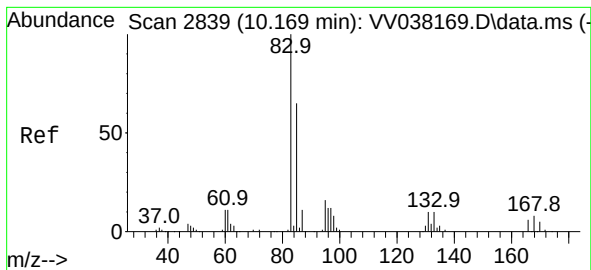
Tgt Ion:106 Resp: 23354
Ion Ratio Lower Upper
106 100
91 204.8 155.5 288.7



#55
Styrene
Concen: 0.693 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.006 min
Lab File: VV038168.D
Acq: 19 Nov 2024 09:40

Tgt Ion:104 Resp: 36534
Ion Ratio Lower Upper
104 100
78 45.4 29.7 55.1

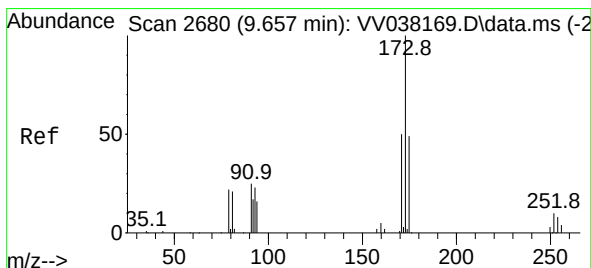
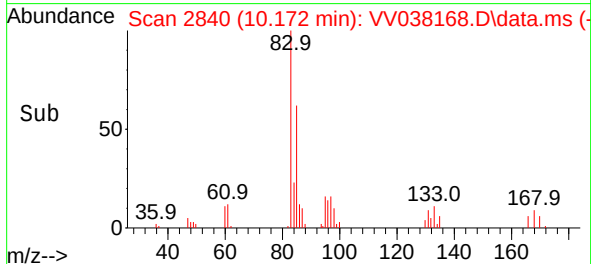
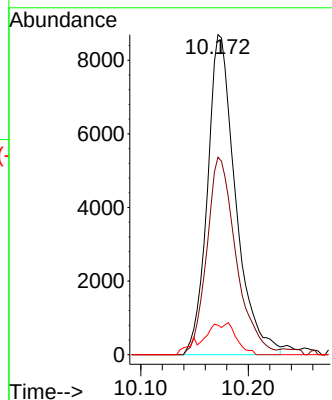
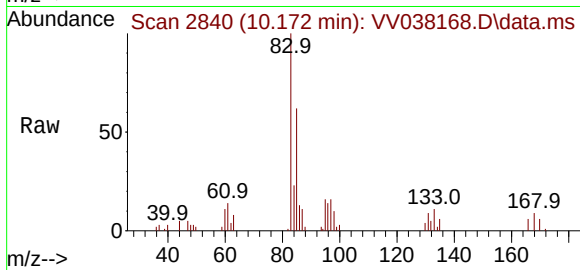




#57
1,1,2,2-Tetrachloroethane
Concen: 0.905 ug/L
RT: 10.172 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038168.D
Acq: 19 Nov 2024 09:40

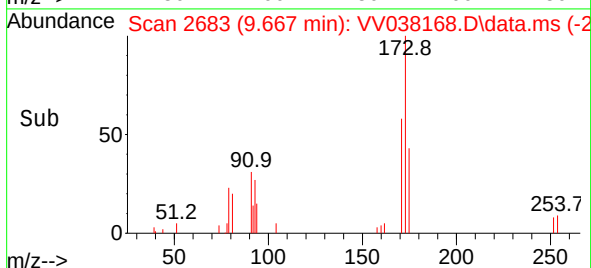
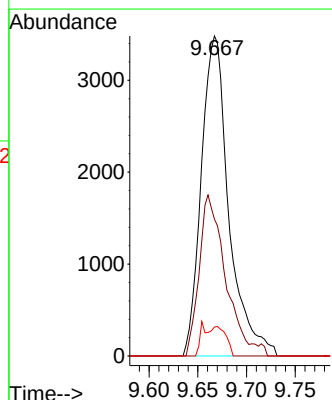
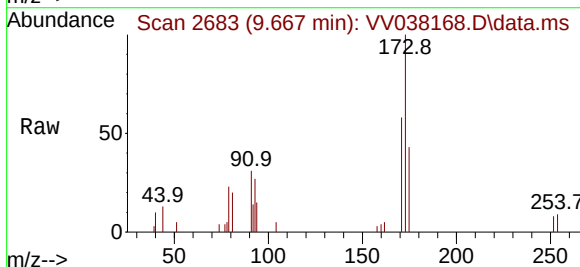
Instrument :
MSVOA_V
ClientSampleId :

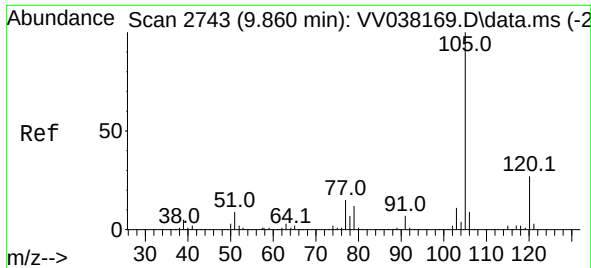
Tgt Ion: 83 Resp: 15797
Ion Ratio Lower Upper
83 100
85 61.7 45.7 84.9
131 9.2 8.2 12.4



#59
Bromoform
Concen: 0.939 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.010 min
Lab File: VV038168.D
Acq: 19 Nov 2024 09:40

Tgt Ion: 173 Resp: 6837
Ion Ratio Lower Upper
173 100
175 48.5 38.5 57.7
254 5.1 6.9 10.3#

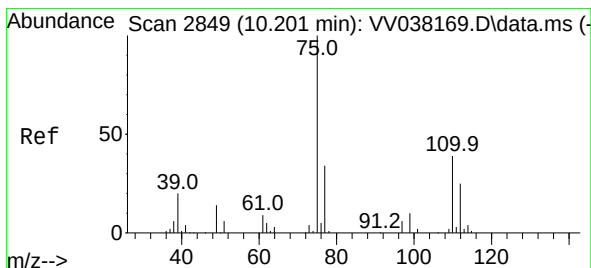
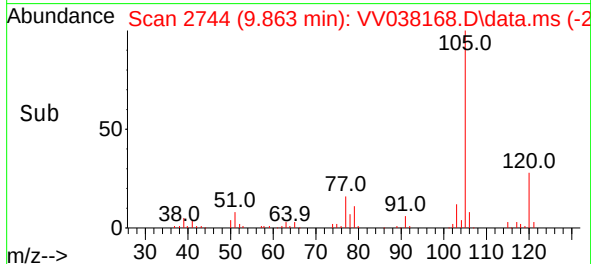
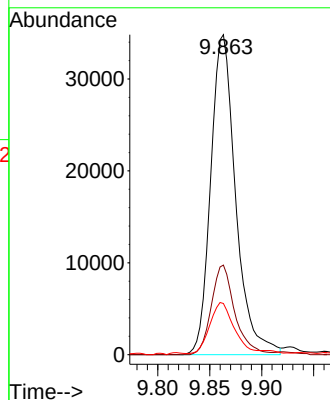
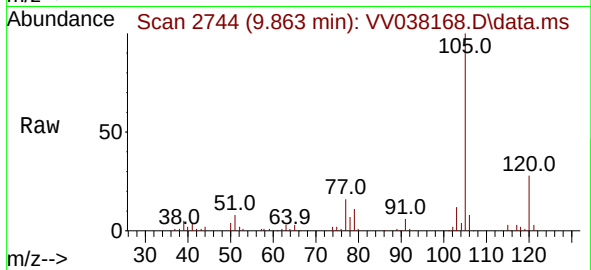




#60
Isopropylbenzene
Concen: 0.809 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038168.D
Acq: 19 Nov 2024 09:40

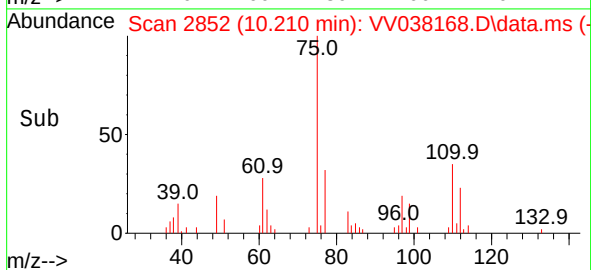
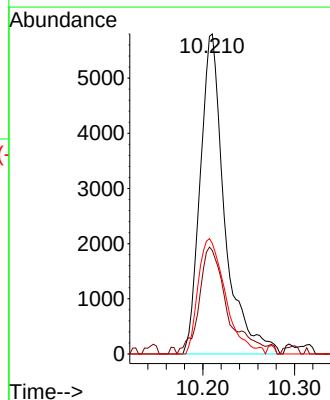
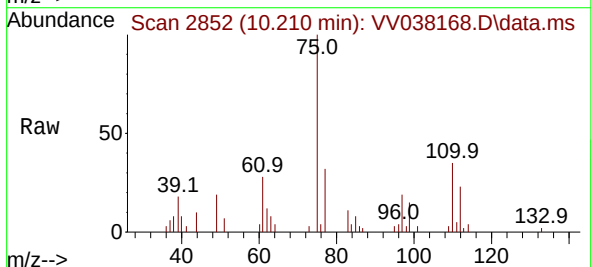
Instrument :
MSVOA_V
ClientSampleId :

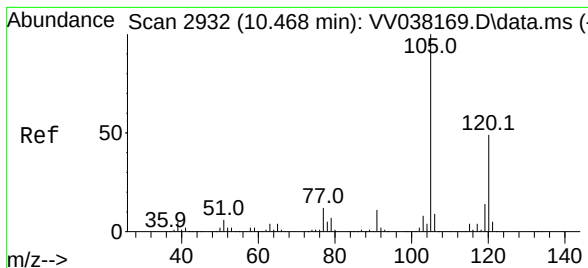
Tgt Ion:105 Resp: 58246
Ion Ratio Lower Upper
105 100
120 26.3 20.8 31.2
77 16.0 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 1.002 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.010 min
Lab File: VV038168.D
Acq: 19 Nov 2024 09:40

Tgt Ion: 75 Resp: 10729
Ion Ratio Lower Upper
75 100
77 38.1 26.4 39.6
110 40.3 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 0.805 ug/L

RT: 10.471 min Scan# 20

Delta R.T. 0.003 min

Lab File: VV038168.D

Acq: 19 Nov 2024 09:40

Instrument :

MSVOA_V

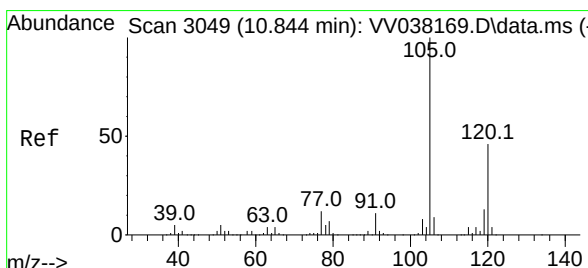
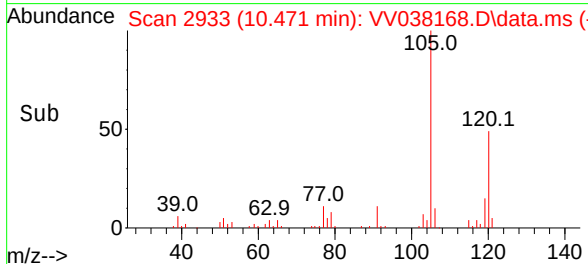
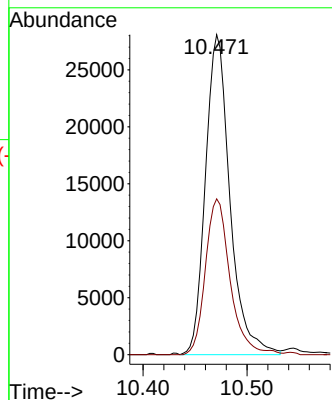
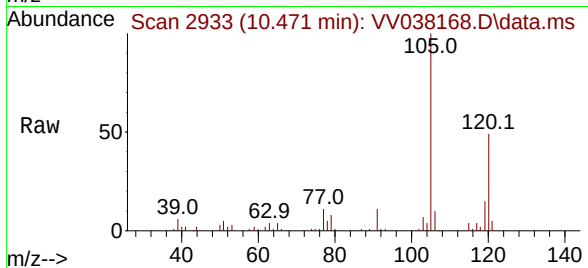
ClientSampleId :

Tgt Ion:105 Resp: 46021

Ion Ratio Lower Upper

105 100

120 49.2 39.2 58.8



#63

1,2,4-Trimethylbenzene

Concen: 0.835 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VV038168.D

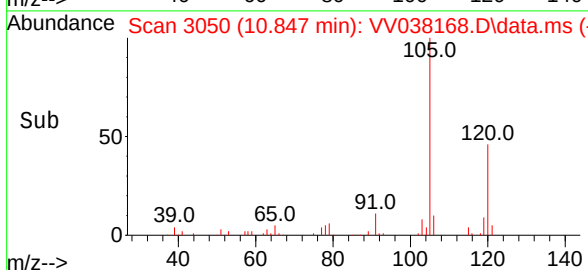
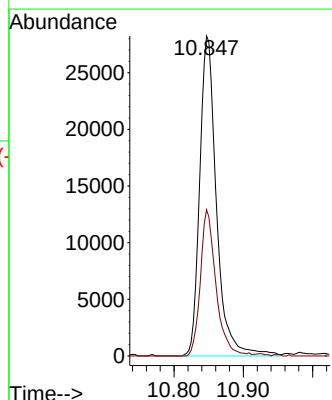
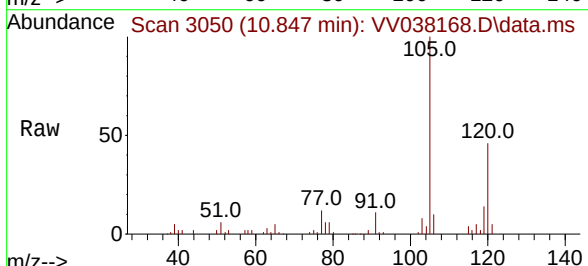
Acq: 19 Nov 2024 09:40

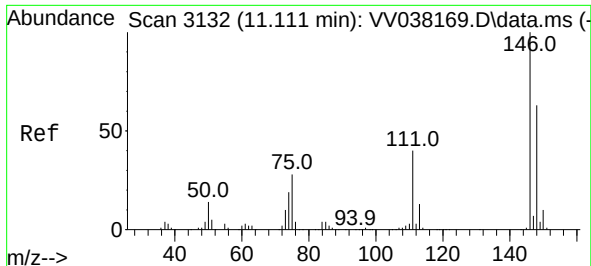
Tgt Ion:105 Resp: 47614

Ion Ratio Lower Upper

105 100

120 42.5 37.0 55.4





#64

1,3-Dichlorobenzene

Concen: 0.877 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.006 min

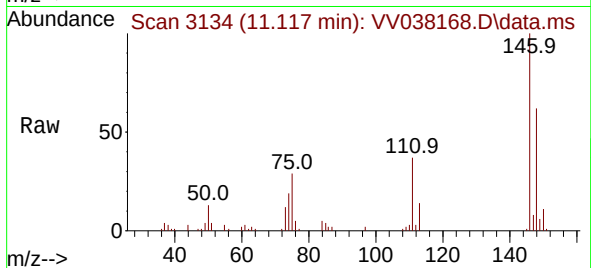
Lab File: VV038168.D

Acq: 19 Nov 2024 09:40

Instrument :

MSVOA_V

ClientSampleId :



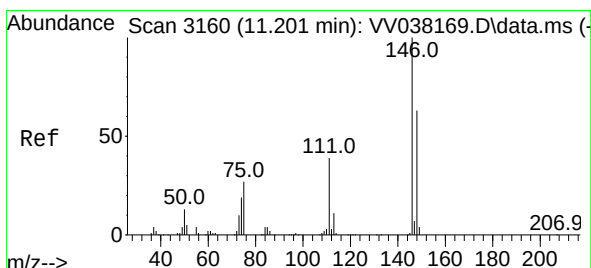
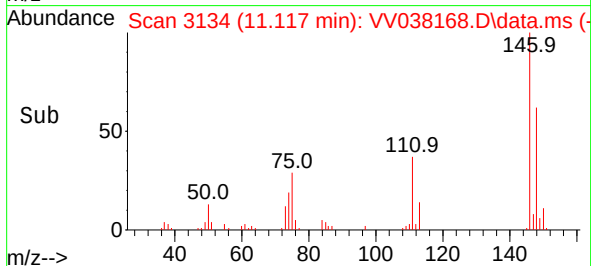
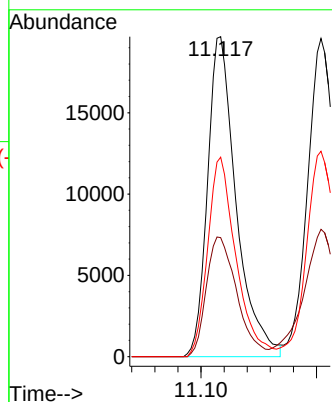
Tgt Ion:146 Resp: 33921

Ion Ratio Lower Upper

146 100

111 37.2 28.2 52.4

148 62.3 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 0.903 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV038168.D

Acq: 19 Nov 2024 09:40

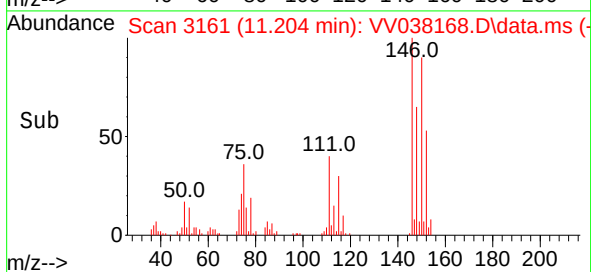
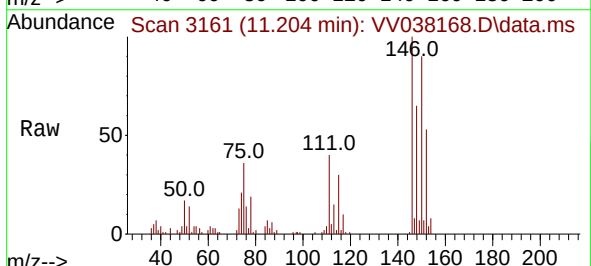
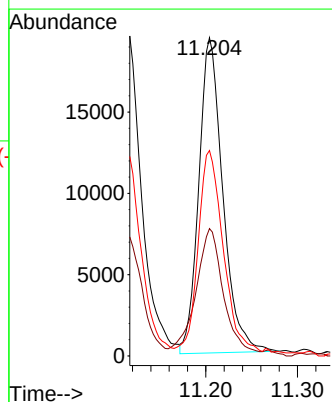
Tgt Ion:146 Resp: 35307

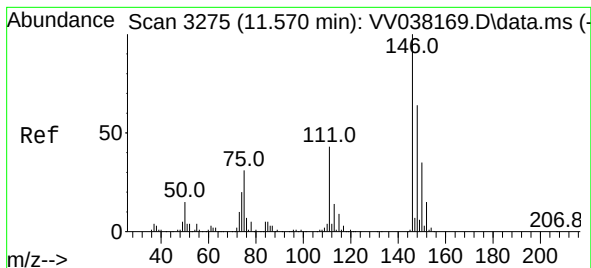
Ion Ratio Lower Upper

146 100

111 40.0 27.4 50.8

148 64.6 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 0.932 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038168.D

Acq: 19 Nov 2024 09:40

Instrument :

MSVOA_V

ClientSampleId :

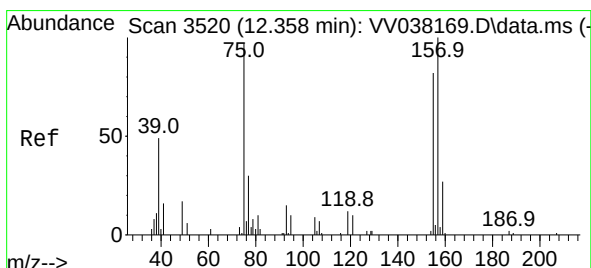
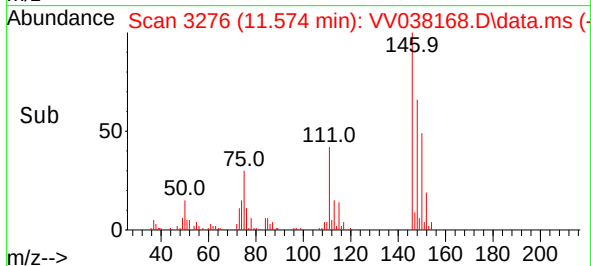
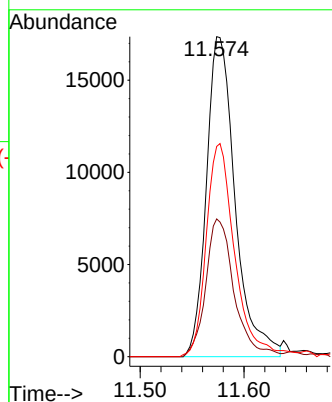
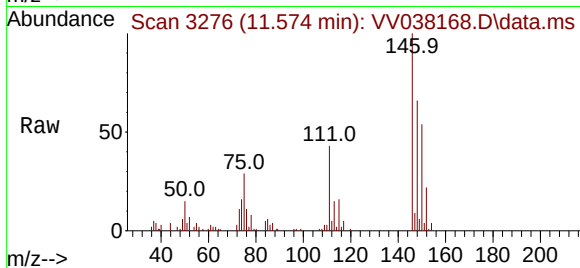
Tgt Ion:146 Resp: 33353

Ion Ratio Lower Upper

146 100

111 43.0 34.2 51.2

148 65.7 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 0.777 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.010 min

Lab File: VV038168.D

Acq: 19 Nov 2024 09:40

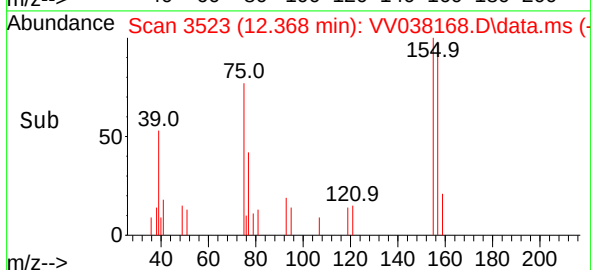
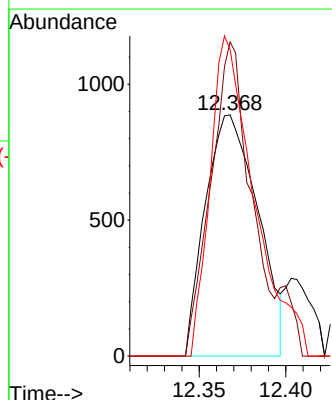
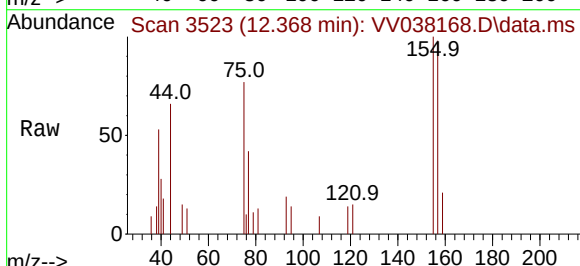
Tgt Ion: 75 Resp: 1868

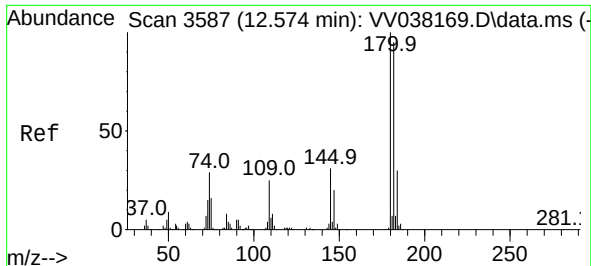
Ion Ratio Lower Upper

75 100

155 130.2 67.5 101.3#

157 127.0 82.7 124.1#





#69

1,3,5-Trichlorobenzene

Concen: 0.902 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.003 min

Lab File: VV038168.D

Acq: 19 Nov 2024 09:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 24700

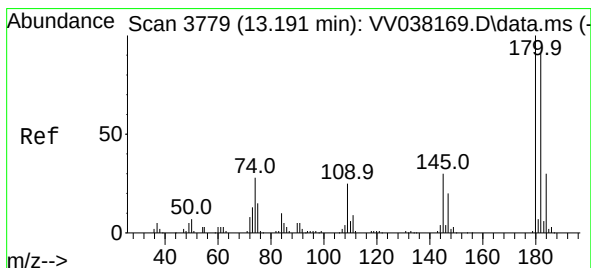
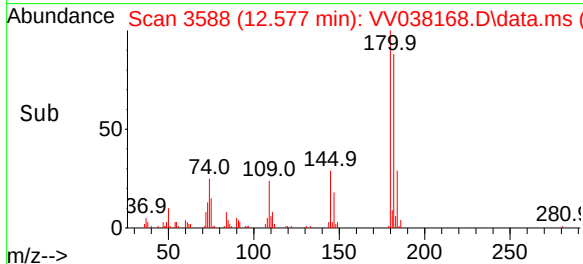
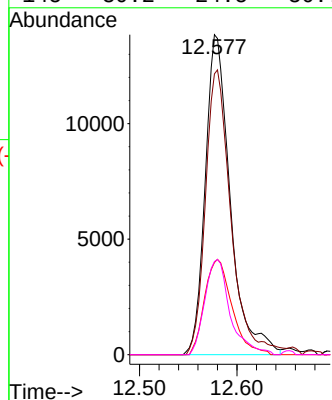
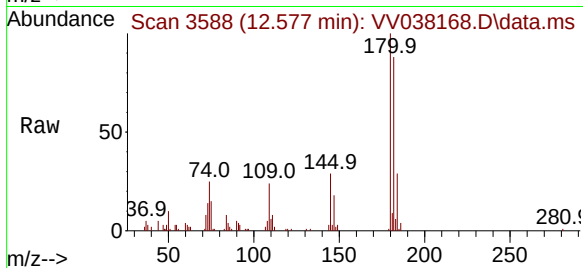
Ion Ratio Lower Upper

180 100

182 90.5 76.0 114.0

184 32.5 23.7 35.5

145 30.2 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 0.755 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.006 min

Lab File: VV038168.D

Acq: 19 Nov 2024 09:40

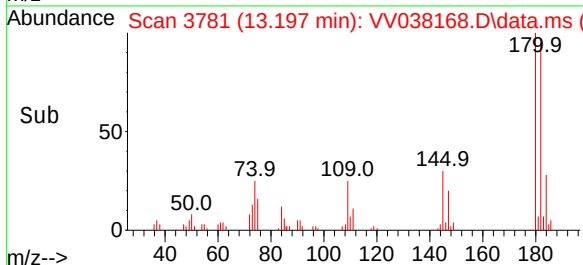
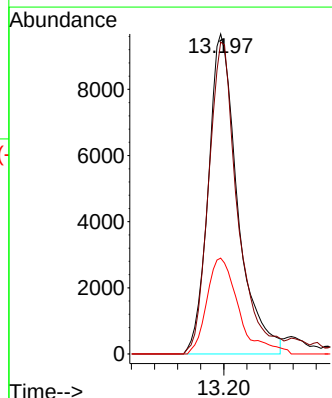
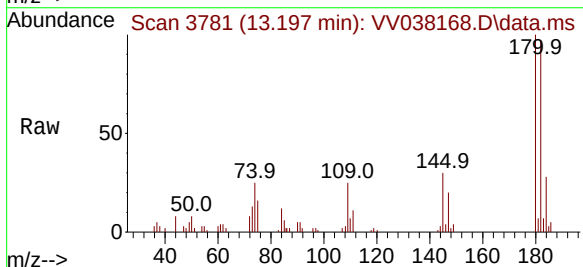
Tgt Ion:180 Resp: 17096

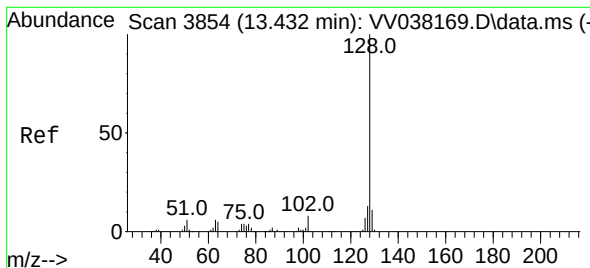
Ion Ratio Lower Upper

180 100

182 96.2 73.8 110.8

145 32.4 24.6 37.0





#71

Naphthalene

Concen: 0.566 ug/L

RT: 13.445 min Scan# 3854

Delta R.T. 0.013 min

Lab File: VV038168.D

Acq: 19 Nov 2024 09:40

Instrument :

MSVOA_V

ClientSampleId :

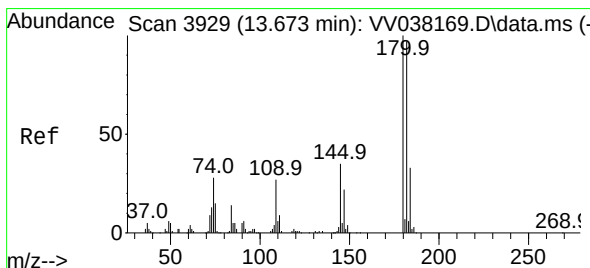
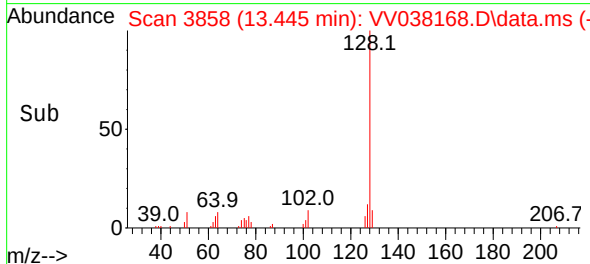
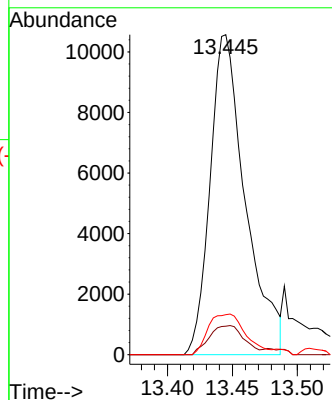
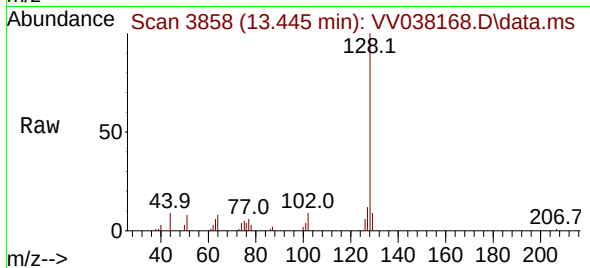
Tgt Ion:128 Resp: 19943

Ion Ratio Lower Upper

128 100

129 9.1 8.5 12.7

127 13.5 10.1 15.1



#72

1,2,3-Trichlorobenzene

Concen: 0.747 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. 0.003 min

Lab File: VV038168.D

Acq: 19 Nov 2024 09:40

Tgt Ion:180 Resp: 15625

Ion Ratio Lower Upper

180 100

182 92.2 75.1 112.7

145 31.5 27.0 40.4

