

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111224\
 Data File : VV038017.D
 Acq On : 12 Nov 2024 13:13
 Operator : SY/MD
 Sample : VSTD010
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 00:01:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 12 23:59:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	292753	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	292006	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	161898	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	253167	9.935	ug/L	0.00
7) Chloroethane-d5	1.529	69	209424	10.083	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.050	65	106295	9.519	ug/L	0.00
20) 2-Butanone-d5	3.806	46	686000	123.417	ug/L	0.00
24) Chloroform-d	4.236	84	502483	10.462	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.931	65	248352	10.887	ug/L	0.00
32) Benzene-d6	4.947	84	967201	10.720	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.979	67	293869	10.071	ug/L	0.00
41) Toluene-d8	7.233	98	913994	11.077	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	126115	11.585	ug/L	0.00
46) 2-Hexanone-d5	8.014	63	636074	128.734	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.143	84	258739	11.066	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	352148	10.461	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	310149	9.716	ug/L	99
3) Chloromethane	1.214	50	295926	9.993	ug/L	99
5) Vinyl chloride	1.278	62	300101	10.096	ug/L	100
6) Bromomethane	1.484	94	191943	10.143	ug/L	100
8) Chloroethane	1.545	64	180317	10.012	ug/L	97
9) Trichlorofluoromethane	1.709	101	406648	9.898	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	231055	9.742	ug/L	99
12) 1,1-Dichloroethene	2.063	96	221387	9.948	ug/L	97
13) Acetone	2.146	43	397707	95.280	ug/L	97
14) Carbon disulfide	2.233	76	747198	10.241	ug/L	99
15) Methyl Acetate	2.384	43	94845	11.092	ug/L	97
16) Methylene chloride	2.439	84	255158	9.681	ug/L	97
17) Methyl tert-butyl Ether	2.699	73	597178	11.013	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	248928	10.336	ug/L	98
19) 1,1-Dichloroethane	3.101	63	436105	10.080	ug/L	98
21) 2-Butanone	3.886	43	616374	119.135	ug/L	99
22) cis-1,2-Dichloroethene	3.802	96	268207	10.597	ug/L	97
23) Bromochloromethane	4.137	128	125429	10.791	ug/L	98
25) Chloroform	4.262	83	466645	10.215	ug/L	100
27) 1,2-Dichloroethane	5.031	62	279580	10.883	ug/L	97
29) 1,1,1-Trichloroethane	4.500	97	404834	10.269	ug/L	98
30) Cyclohexane	4.571	56	374775	10.738	ug/L	100
31) Carbon tetrachloride	4.722	117	354857	10.337	ug/L	100
33) Benzene	4.998	78	992612	10.688	ug/L	100
34) Trichloroethene	5.825	95	265471	10.456	ug/L	99
35) Methylcyclohexane	6.040	83	407885	10.641	ug/L	98
37) 1,2-Dichloropropane	6.082	63	246532	10.731	ug/L	100
38) Bromodichloromethane	6.423	83	325015	10.648	ug/L	99
39) cis-1,3-Dichloropropene	6.944	75	390347	11.397	ug/L	99
40) 4-Methyl-2-pentanone	7.149	43	1499210	120.015	ug/L	100
42) Toluene	7.307	91	1068199	11.010	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	331481	11.600	ug/L	97

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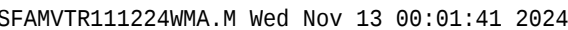
Instrument :
 MSVOA_V
 ClientSampleId :

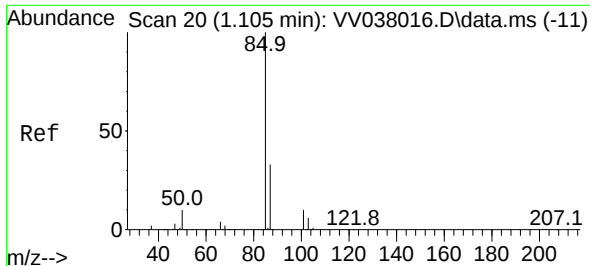
Quant Time: Nov 13 00:01:31 2024
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.760	97	198970	10.797	ug/L	96
47) Tetrachloroethene	7.895	164	203168	10.199	ug/L	97
48) 2-Hexanone	8.066	43	1073571	125.119	ug/L	99
49) Dibromochloromethane	8.169	129	215129	10.829	ug/L	100
50) 1,2-Dibromoethane	8.275	107	190671	10.898	ug/L	100
51) Chlorobenzene	8.805	112	698200	10.562	ug/L	99
52) Ethylbenzene	8.937	91	1170688	11.108	ug/L	100
53) m,p-Xylene	9.063	106	456465	11.489	ug/L	99
54) o-Xylene	9.471	106	437219	11.370	ug/L	100
55) Styrene	9.487	104	786835	11.747	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	241743	10.990	ug/L	99
59) Bromoform	9.657	173	116766	10.971	ug/L	99
60) Isopropylbenzene	9.857	105	1171933	10.852	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	165629	10.472	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	970947	11.225	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	987957	11.400	ug/L	100
64) 1,3-Dichlorobenzene	11.107	146	573510	10.295	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	581260	10.142	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	539726	10.361	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	38110	10.629	ug/L	95
69) 1,3,5-Trichlorobenzene	12.574	180	410016	10.007	ug/L	100
70) 1,2,4-trichlorobenzene	13.188	180	375179	10.312	ug/L	98
71) Naphthalene	13.429	128	711093	10.738	ug/L	100
72) 1,2,3-Trichlorobenzene	13.670	180	354321	10.320	ug/L	100

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

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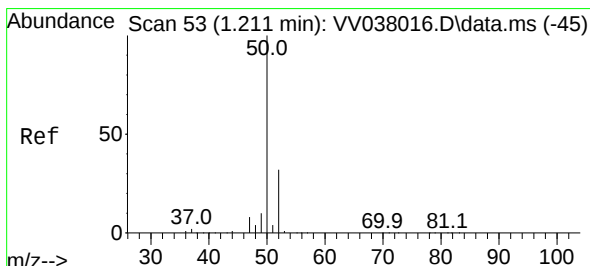
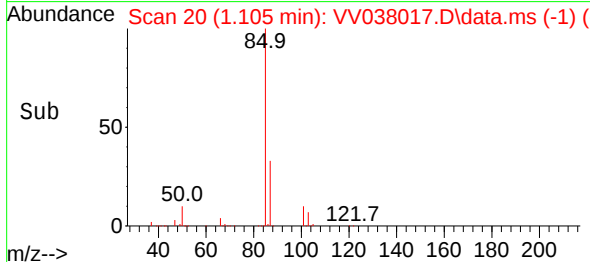
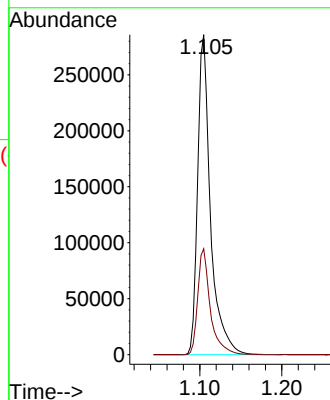
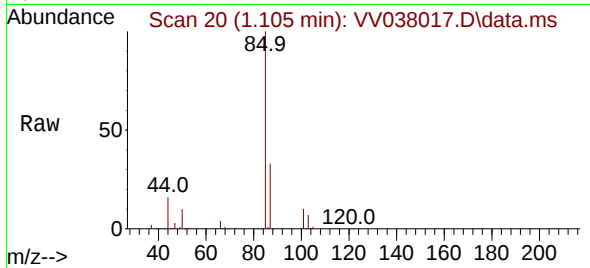




#2
 Dichlorodifluoromethane
 Concen: 9.716 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV038017.D
 Acq: 12 Nov 2024 13:13

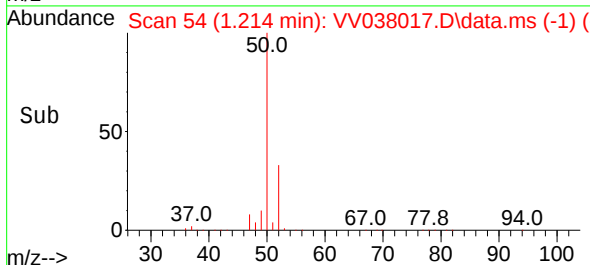
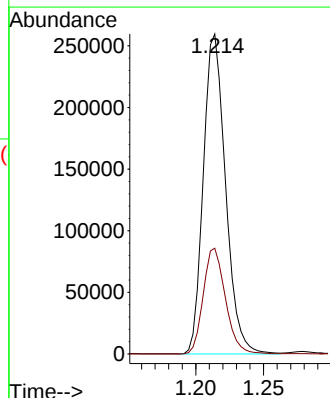
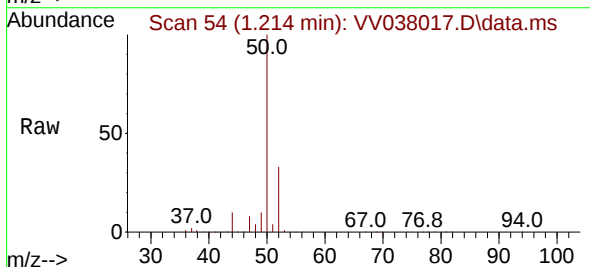
Instrument :
 MSVOA_V
 ClientSampleId :

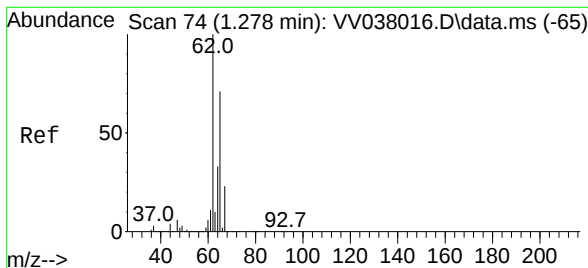
Tgt Ion: 85 Resp: 310149
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.4 39.6



#3
 Chloromethane
 Concen: 9.993 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.003 min
 Lab File: VV038017.D
 Acq: 12 Nov 2024 13:13

Tgt Ion: 50 Resp: 295926
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.6 42.0





#5

Vinyl chloride

Concen: 10.096 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.000 min MSVOA_V

Lab File: VV038017.D

Acq: 12 Nov 2024 13:13

Instrument :

MSVOA_V

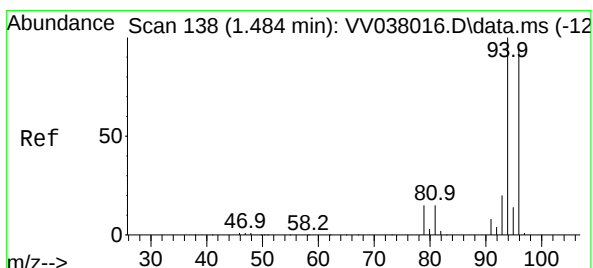
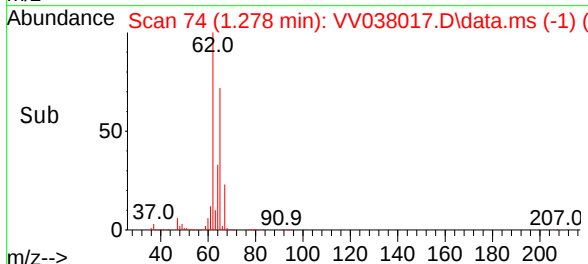
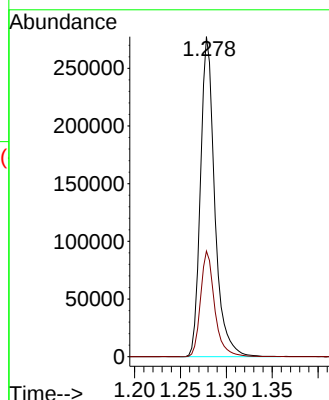
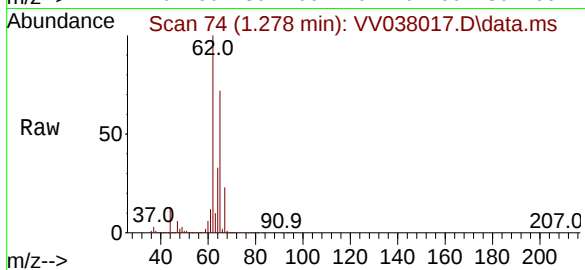
ClientSampleId :

Tgt Ion: 62 Resp: 300101

Ion Ratio Lower Upper

62 100

64 33.0 23.0 42.6



#6

Bromomethane

Concen: 10.143 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.000 min

Lab File: VV038017.D

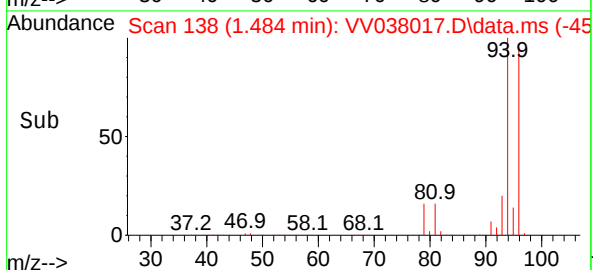
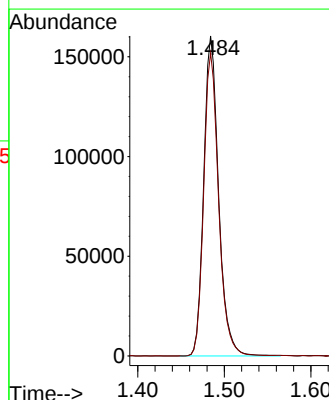
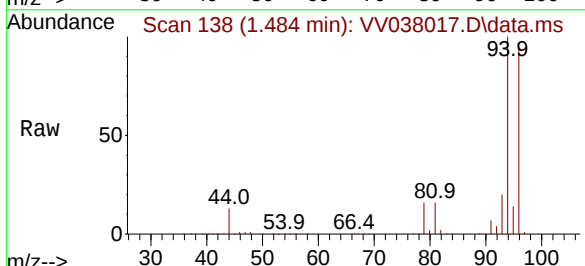
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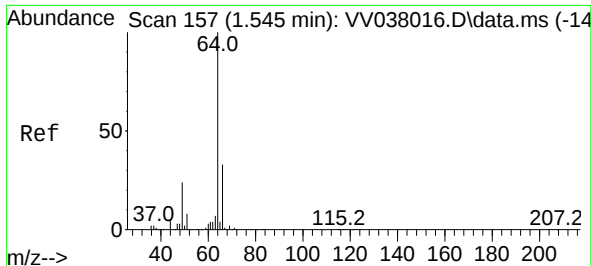
Tgt Ion: 94 Resp: 191943

Ion Ratio Lower Upper

94 100

96 94.7 66.0 122.6

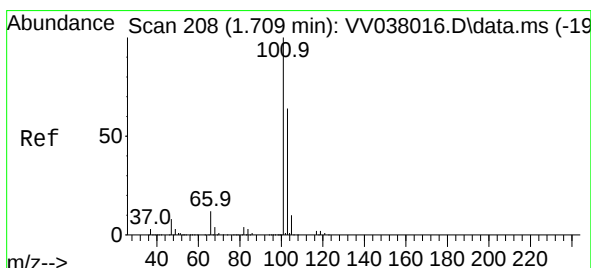
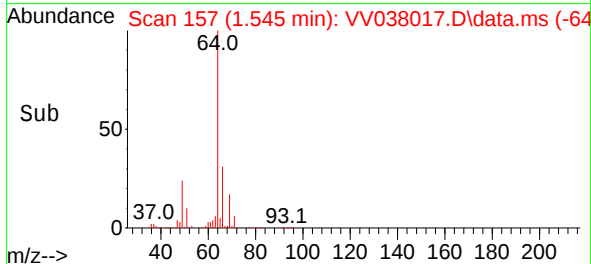
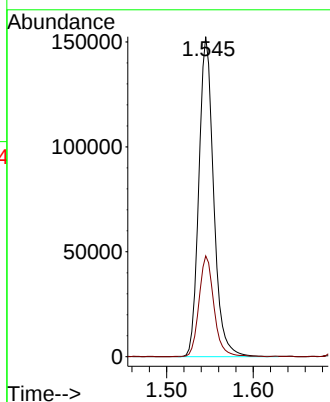
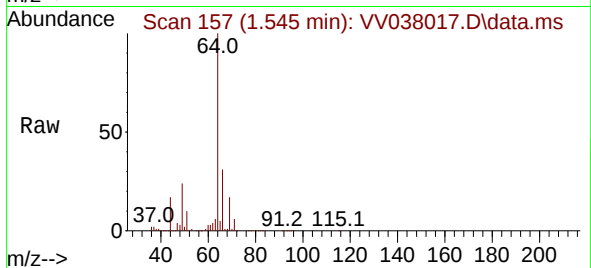




#8
Chloroethane
Concen: 10.012 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038017.D
Acq: 12 Nov 2024 13:13

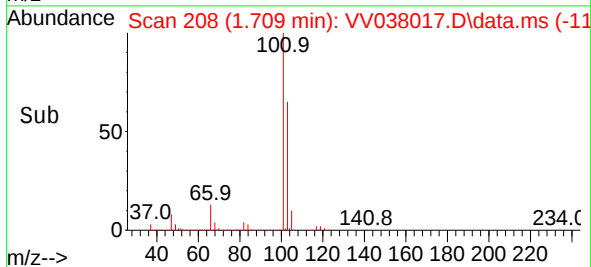
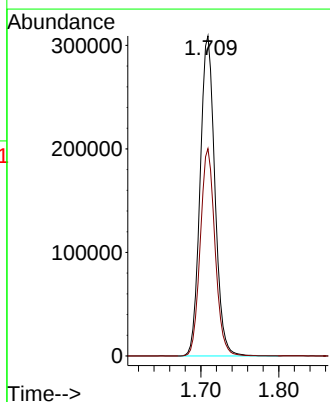
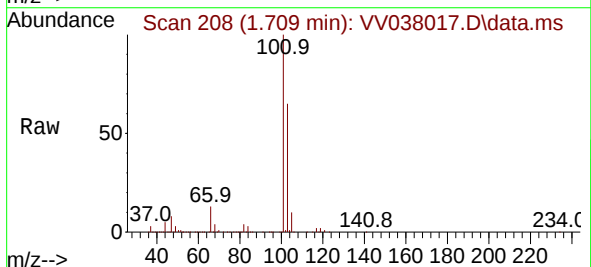
Instrument :
MSVOA_V
ClientSampleId :

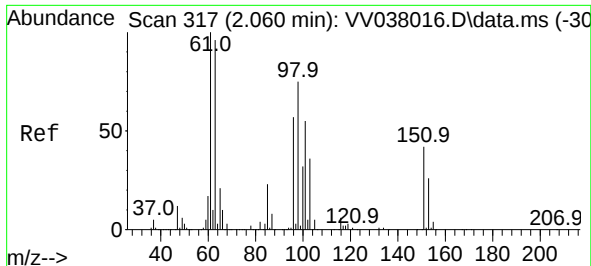
Tgt Ion: 64 Resp: 180317
Ion Ratio Lower Upper
64 100
66 31.5 23.1 42.9



#9
Trichlorofluoromethane
Concen: 9.898 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV038017.D
Acq: 12 Nov 2024 13:13

Tgt Ion:101 Resp: 406648
Ion Ratio Lower Upper
101 100
103 64.8 50.9 76.3





#10

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

Concen: 9.742 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.000 min

Lab File: VV038017.D

Acq: 12 Nov 2024 13:13

Instrument :

MSVOA_V

ClientSampleId :

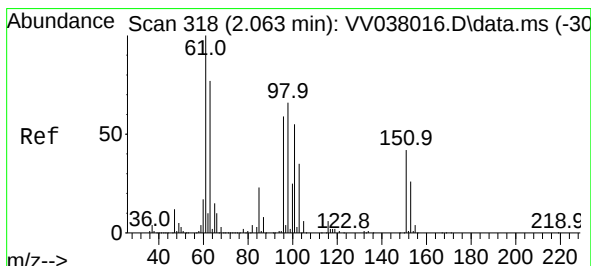
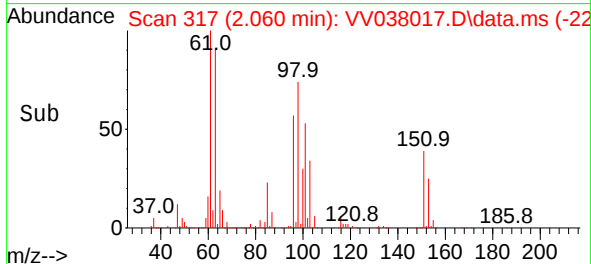
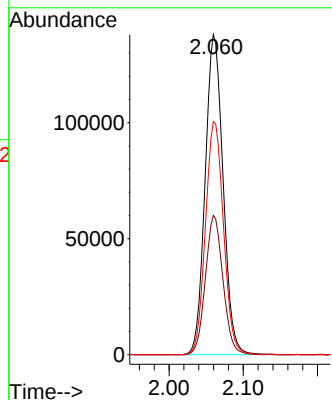
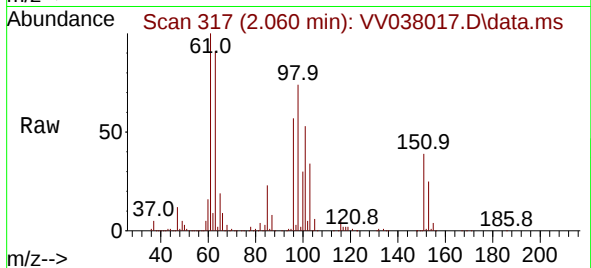
Tgt Ion:101 Resp: 231055

Ion Ratio Lower Upper

101 100

85 42.6 33.7 50.5

151 73.4 59.0 88.6



#12

1,1-Dichloroethene

Concen: 9.948 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.000 min

Lab File: VV038017.D

Acq: 12 Nov 2024 13:13

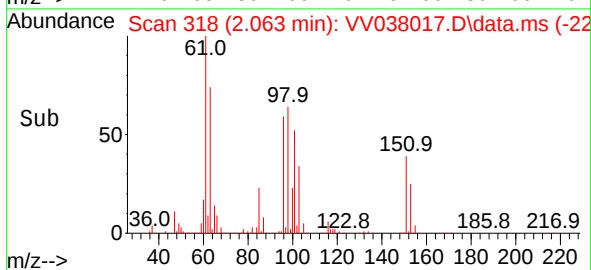
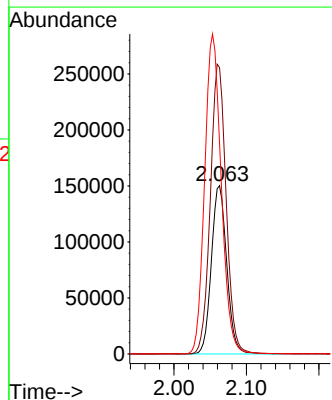
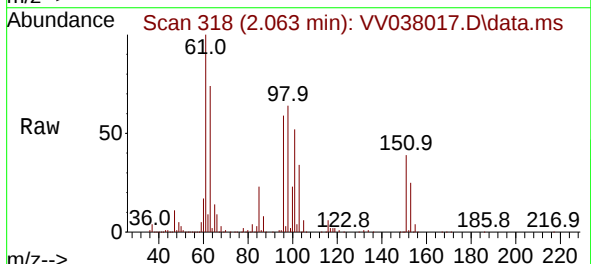
Tgt Ion: 96 Resp: 221387

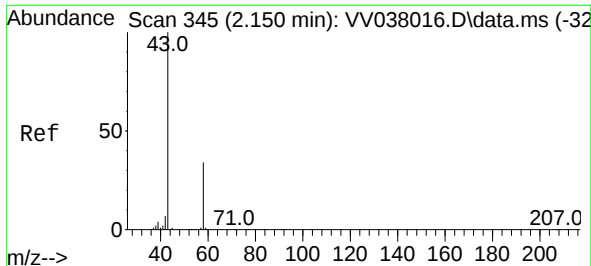
Ion Ratio Lower Upper

96 100

61 170.2 118.1 219.3

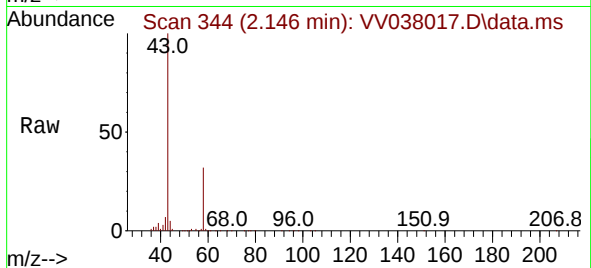
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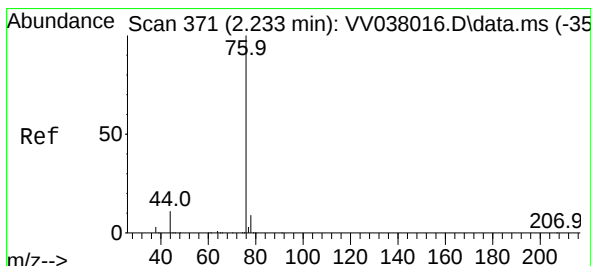
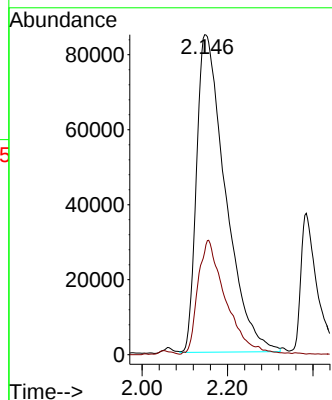
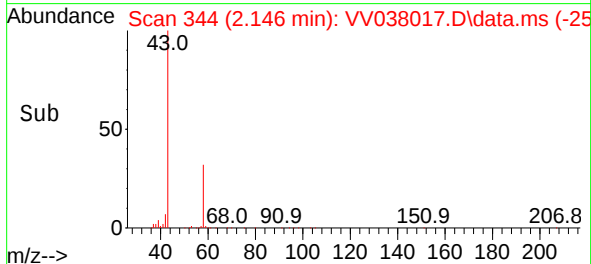


#13
Acetone
Concen: 95.280 ug/L
RT: 2.146 min Scan# 345
Delta R.T. -0.003 min
Lab File: VV038017.D
Acq: 12 Nov 2024 13:13

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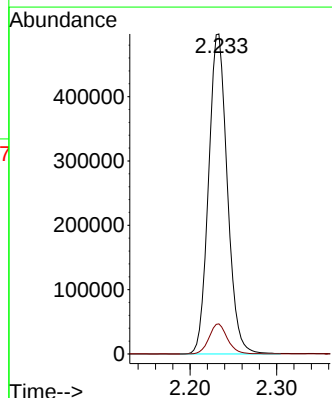
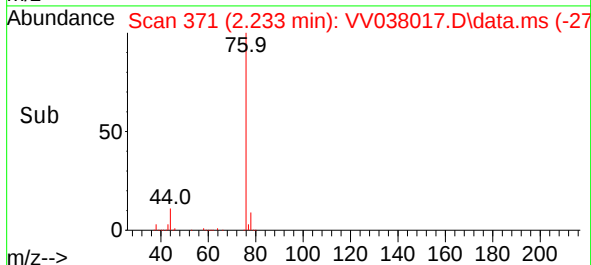
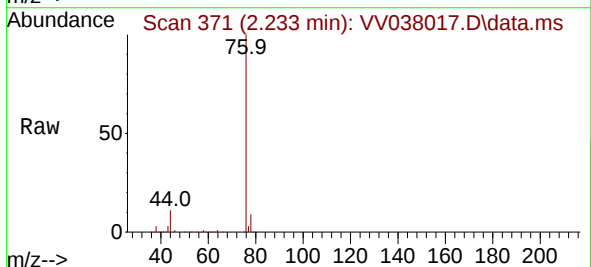


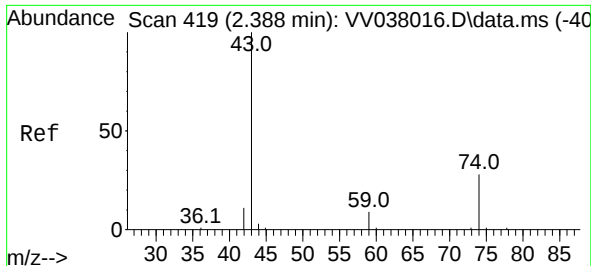
Tgt Ion: 43 Resp: 397707
Ion Ratio Lower Upper
43 100
58 33.5 0.0 70.0



#14
Carbon disulfide
Concen: 10.241 ug/L
RT: 2.233 min Scan# 371
Delta R.T. -0.000 min
Lab File: VV038017.D
Acq: 12 Nov 2024 13:13

Tgt Ion: 76 Resp: 747198
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0





#15

Methyl Acetate

Concen: 11.092 ug/L

RT: 2.384 min Scan# 419

Delta R.T. -0.003 min

Lab File: VV038017.D

Acq: 12 Nov 2024 13:13

Instrument :

MSVOA_V

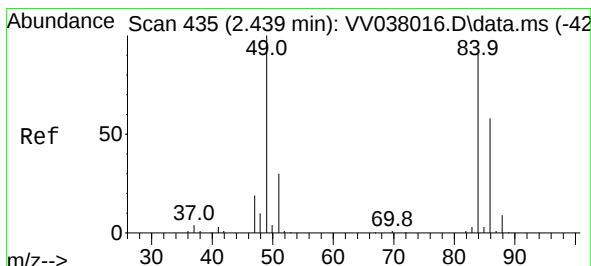
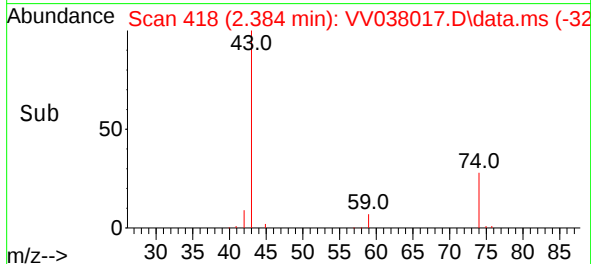
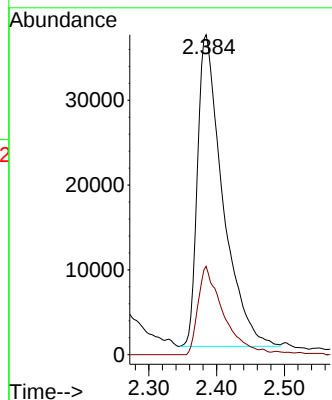
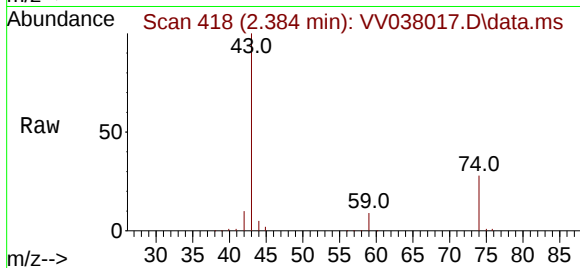
ClientSampleId :

Tgt Ion: 43 Resp: 94845

Ion Ratio Lower Upper

43 100

74 28.4 21.7 32.5



#16

Methylene chloride

Concen: 9.681 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.000 min

Lab File: VV038017.D

Acq: 12 Nov 2024 13:13

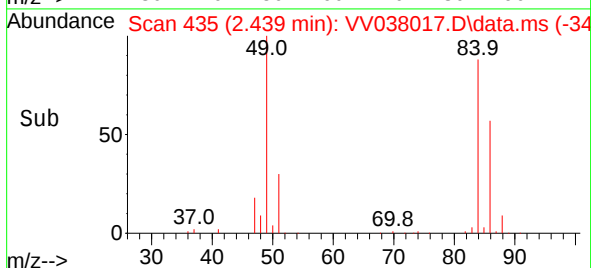
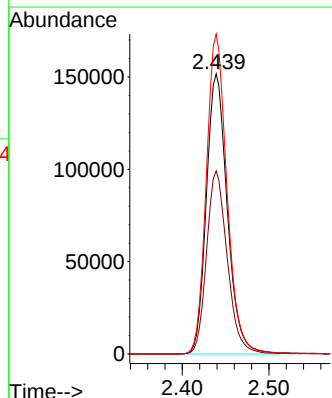
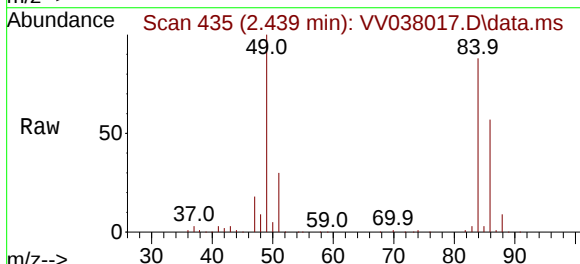
Tgt Ion: 84 Resp: 255158

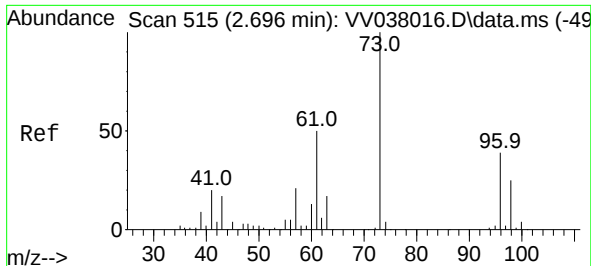
Ion Ratio Lower Upper

84 100

86 65.3 44.4 82.5

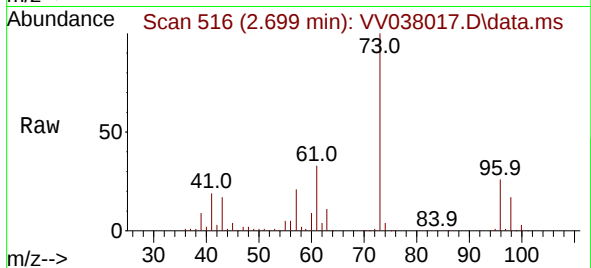
49 114.2 77.1 143.3



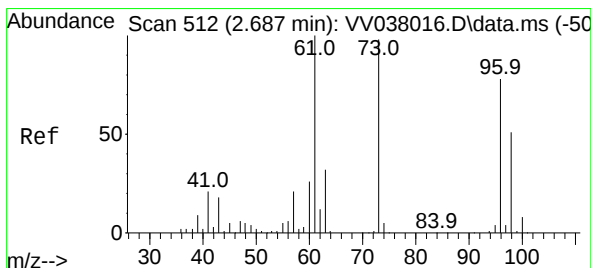
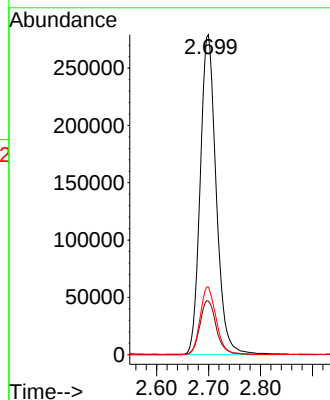
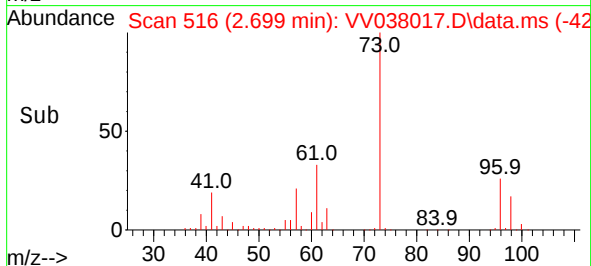


#17
Methyl tert-butyl Ether
Concen: 11.013 ug/L
RT: 2.699 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV038017.D
Acq: 12 Nov 2024 13:13

Instrument :
MSVOA_V
ClientSampleId :

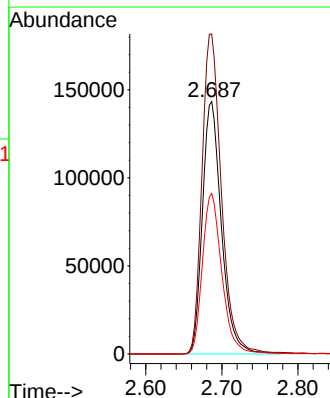
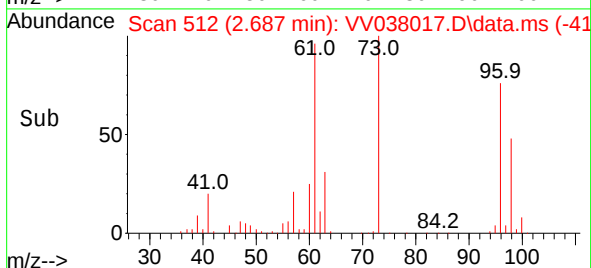
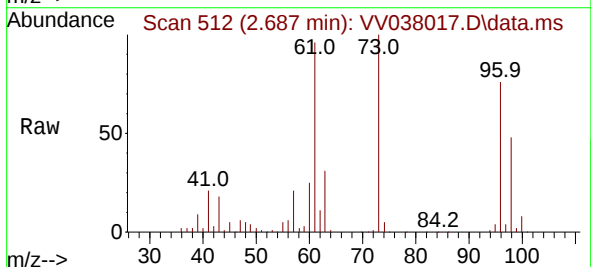


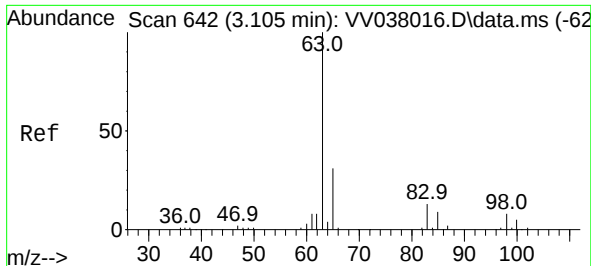
Tgt Ion: 73 Resp: 597178
Ion Ratio Lower Upper
73 100
43 16.9 14.1 21.1
57 21.3 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 10.336 ug/L
RT: 2.687 min Scan# 512
Delta R.T. -0.000 min
Lab File: VV038017.D
Acq: 12 Nov 2024 13:13

Tgt Ion: 96 Resp: 248928
Ion Ratio Lower Upper
96 100
61 126.9 90.2 167.6
98 63.6 45.7 84.9





#19

1,1-Dichloroethane

Concen: 10.080 ug/L

RT: 3.101 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV038017.D

Acq: 12 Nov 2024 13:13

Instrument :

MSVOA_V

ClientSampleId :

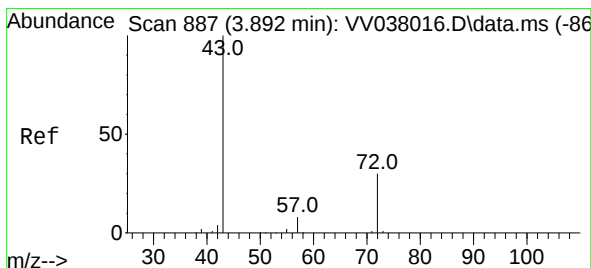
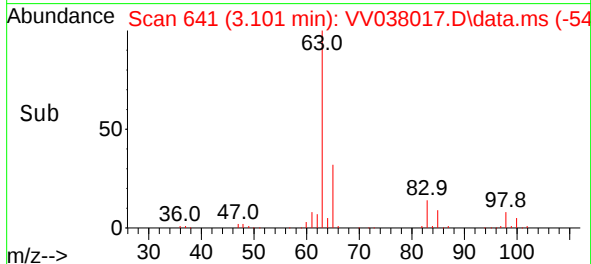
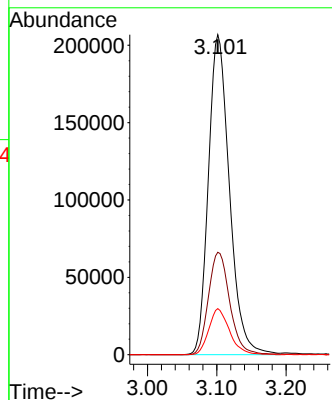
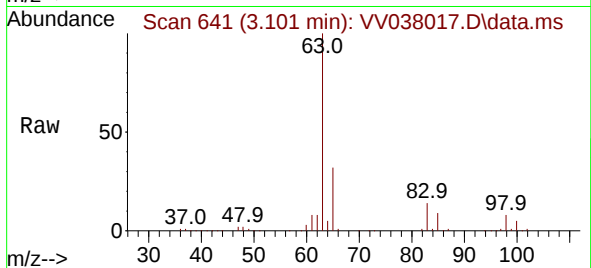
Tgt Ion: 63 Resp: 436105

Ion Ratio Lower Upper

63 100

65 32.0 22.0 40.8

83 14.4 9.2 17.2



#21

2-Butanone

Concen: 119.135 ug/L

RT: 3.886 min Scan# 885

Delta R.T. -0.007 min

Lab File: VV038017.D

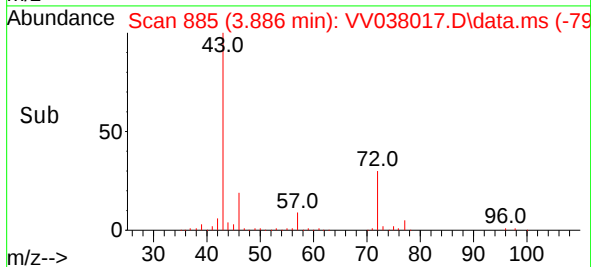
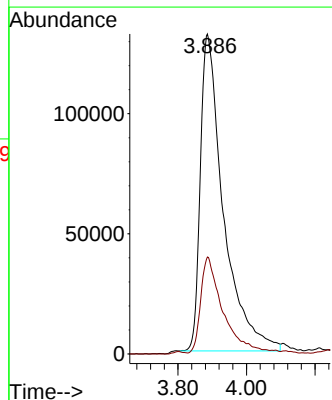
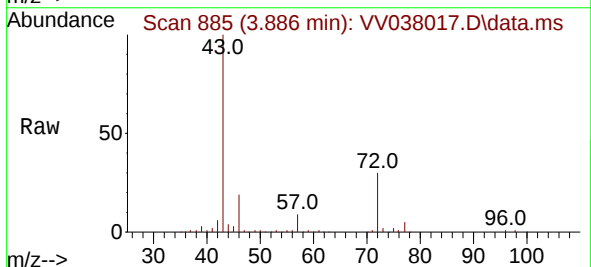
Acq: 12 Nov 2024 13:13

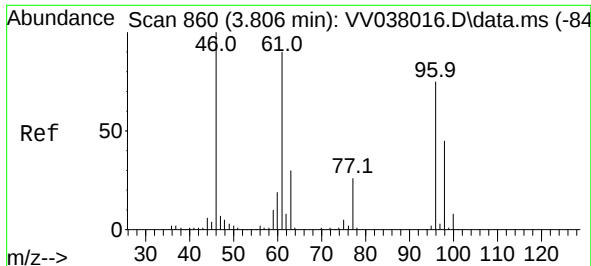
Tgt Ion: 43 Resp: 616374

Ion Ratio Lower Upper

43 100

72 28.9 14.2 42.6





#22

cis-1,2-Dichloroethene

Concen: 10.597 ug/L

RT: 3.802 min Scan# 860

Delta R.T. -0.003 min

Lab File: VV038017.D

Acq: 12 Nov 2024 13:13

Instrument :

MSVOA_V

ClientSampleId :

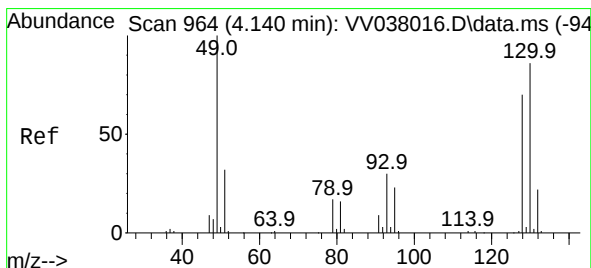
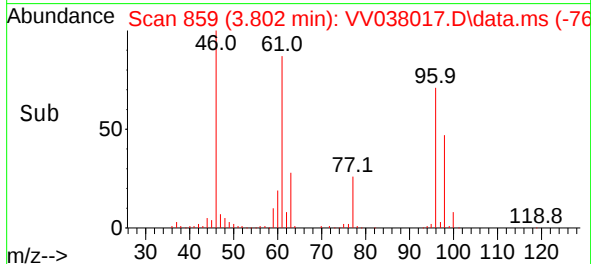
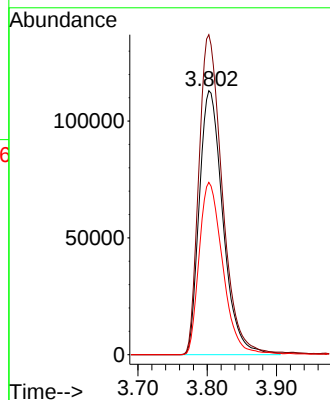
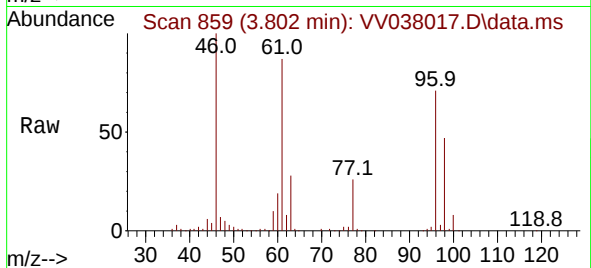
Tgt Ion: 96 Resp: 268207

Ion Ratio Lower Upper

96 100

61 121.2 84.1 156.3

98 65.2 42.6 79.0



#23

Bromochloromethane

Concen: 10.791 ug/L

RT: 4.137 min Scan# 963

Delta R.T. -0.003 min

Lab File: VV038017.D

Acq: 12 Nov 2024 13:13

Tgt Ion:128 Resp: 125429

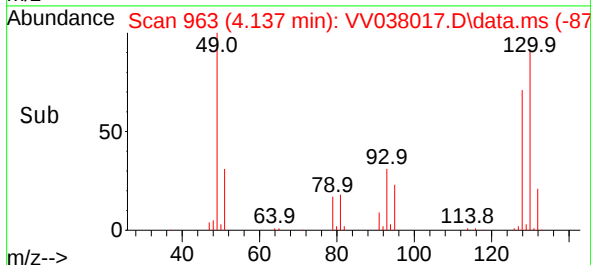
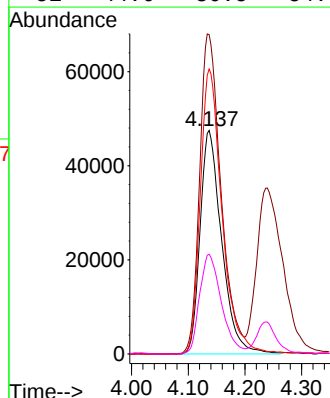
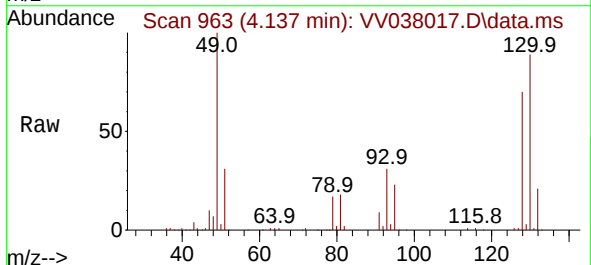
Ion Ratio Lower Upper

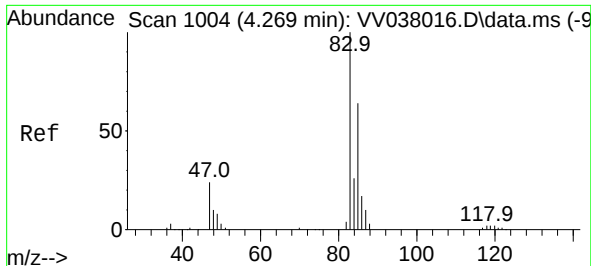
128 100

49 142.9 100.4 186.4

130 127.5 86.1 159.9

51 44.6 36.5 54.7





#25

Chloroform

Concen: 10.215 ug/L

RT: 4.262 min Scan# 1002

Delta R.T. -0.007 min

Lab File: VV038017.D

Acq: 12 Nov 2024 13:13

Instrument :

MSVOA_V

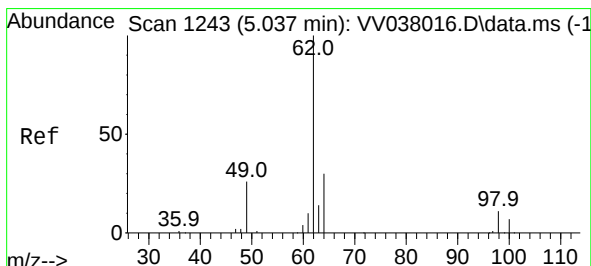
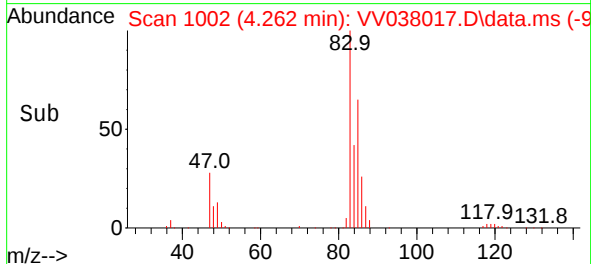
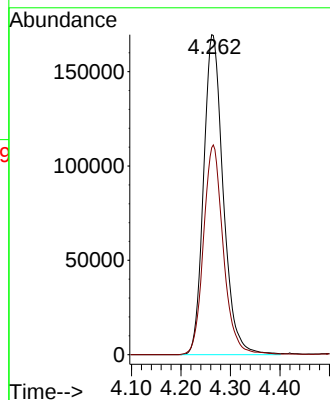
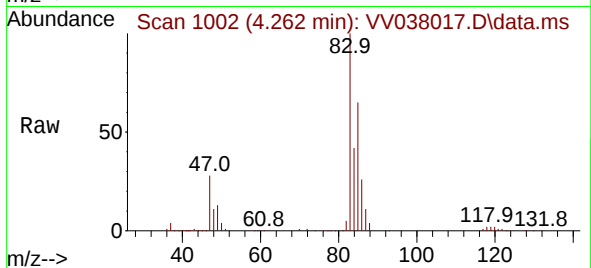
ClientSampleId :

Tgt Ion: 83 Resp: 466645

Ion Ratio Lower Upper

83 100

85 64.7 45.1 83.7



#27

1,2-Dichloroethane

Concen: 10.883 ug/L

RT: 5.031 min Scan# 1241

Delta R.T. -0.007 min

Lab File: VV038017.D

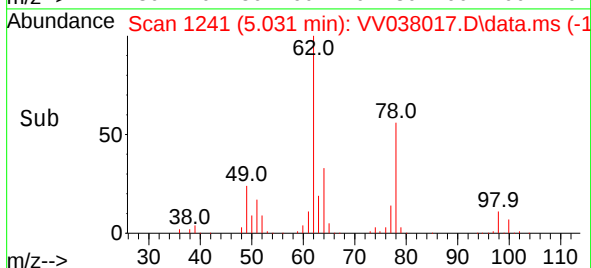
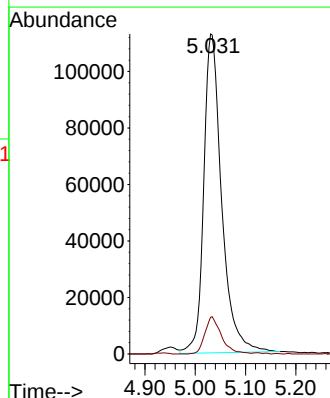
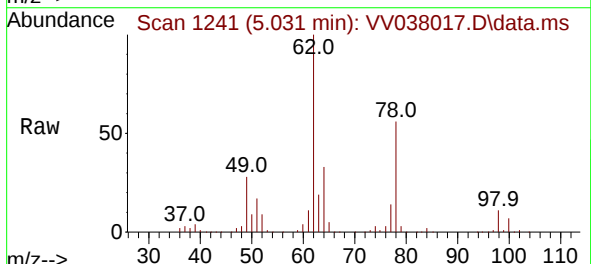
Acq: 12 Nov 2024 13:13

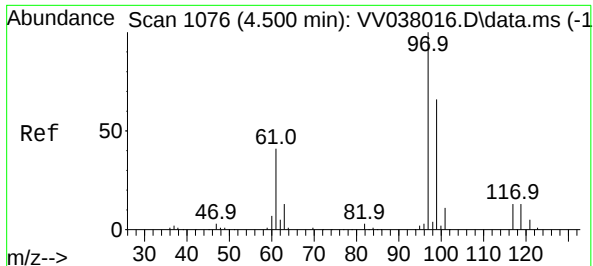
Tgt Ion: 62 Resp: 279580

Ion Ratio Lower Upper

62 100

98 11.5 8.3 12.5

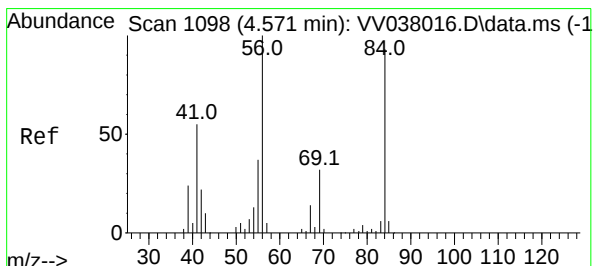
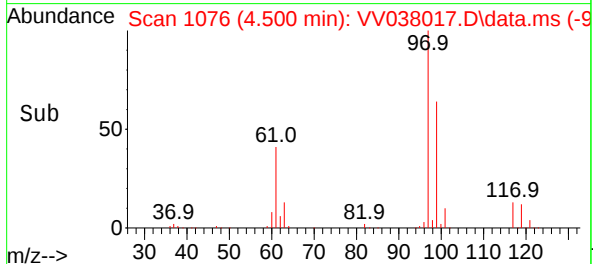
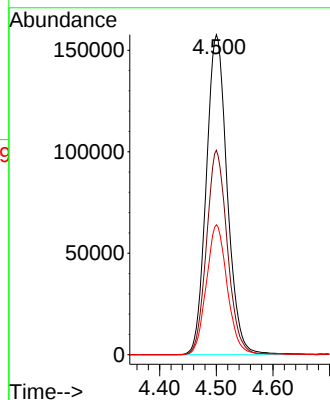
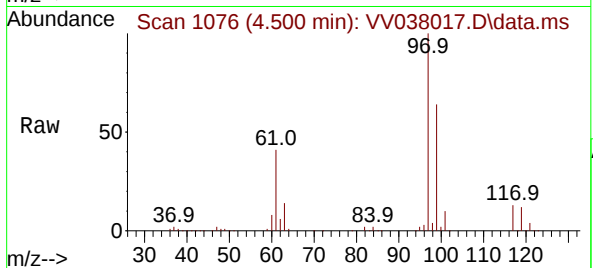




#29
1,1,1-Trichloroethane
Concen: 10.269 ug/L
RT: 4.500 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VV038017.D
Acq: 12 Nov 2024 13:13

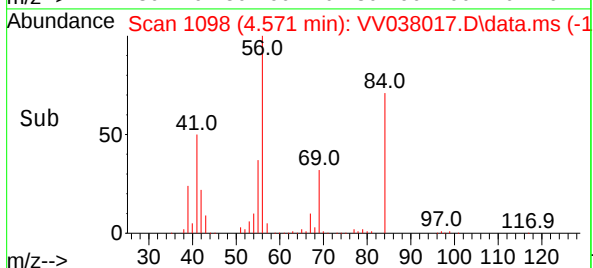
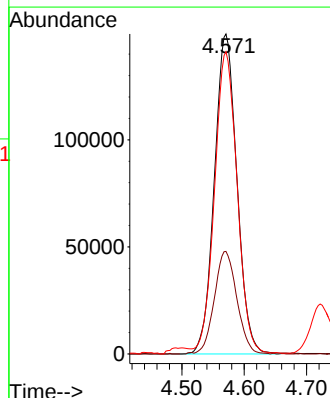
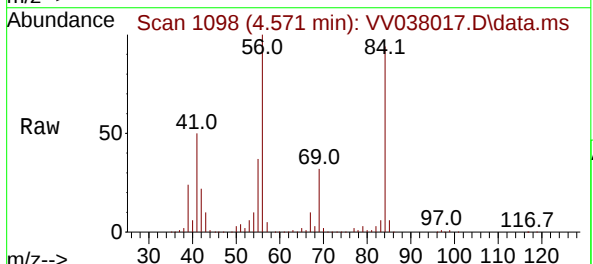
Instrument :
MSVOA_V
ClientSampleId :

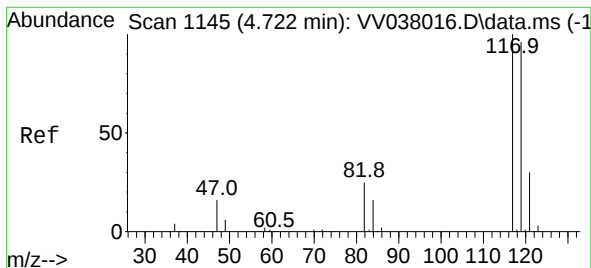
Tgt Ion: 97 Resp: 404834
Ion Ratio Lower Upper
97 100
99 63.7 52.3 78.5
61 40.8 33.6 50.4



#30
Cyclohexane
Concen: 10.738 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. -0.000 min
Lab File: VV038017.D
Acq: 12 Nov 2024 13:13

Tgt Ion: 56 Resp: 374775
Ion Ratio Lower Upper
56 100
69 31.9 25.4 38.2
84 94.0 75.7 113.5





#31

Carbon tetrachloride

Concen: 10.337 ug/L

RT: 4.722 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VV038017.D

Acq: 12 Nov 2024 13:13

Instrument :

MSVOA_V

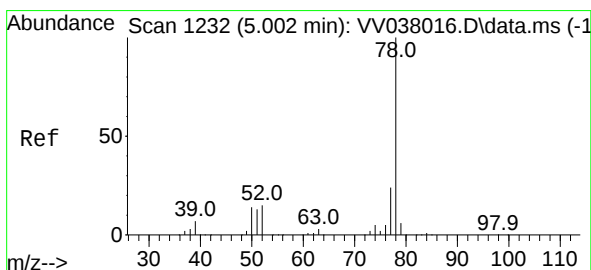
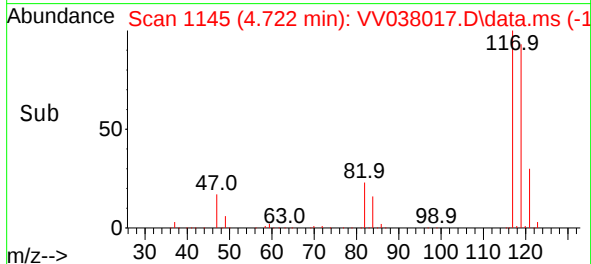
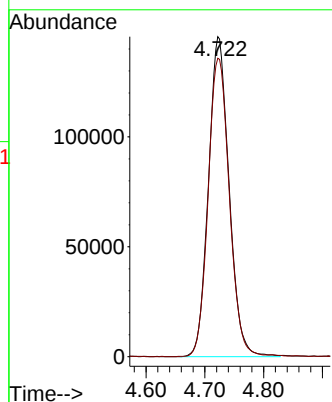
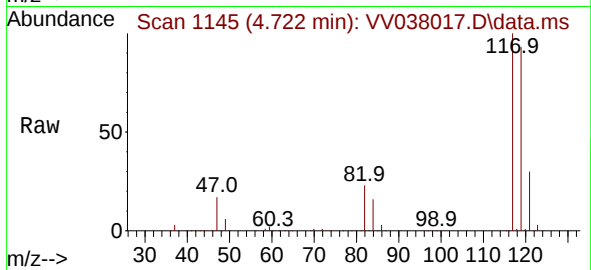
ClientSampleId :

Tgt Ion:117 Resp: 354857

Ion Ratio Lower Upper

117 100

119 95.9 76.6 115.0



#33

Benzene

Concen: 10.688 ug/L

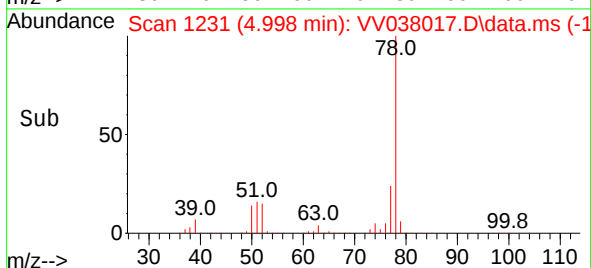
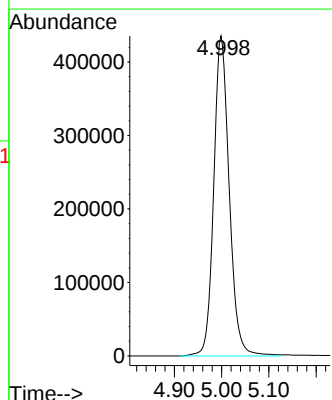
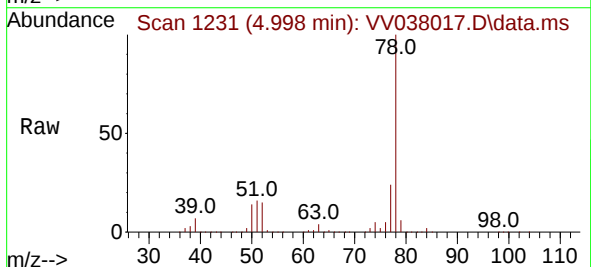
RT: 4.998 min Scan# 1231

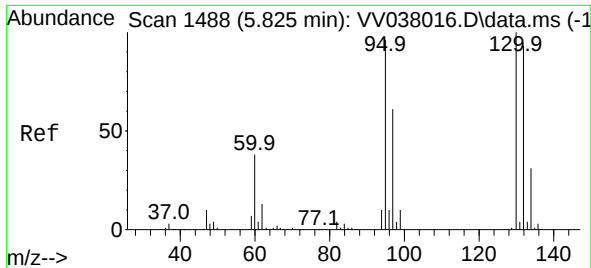
Delta R.T. -0.003 min

Lab File: VV038017.D

Acq: 12 Nov 2024 13:13

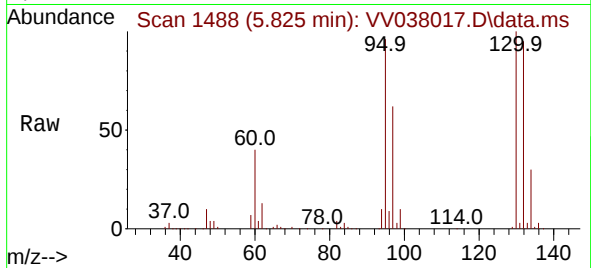
Tgt Ion: 78 Resp: 992612



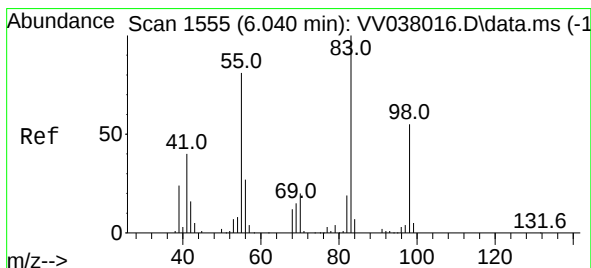
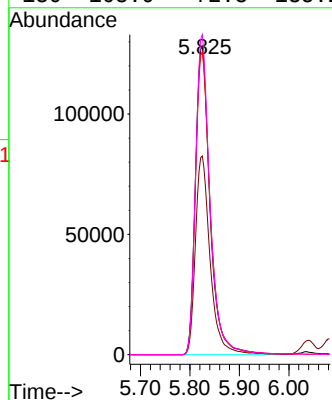
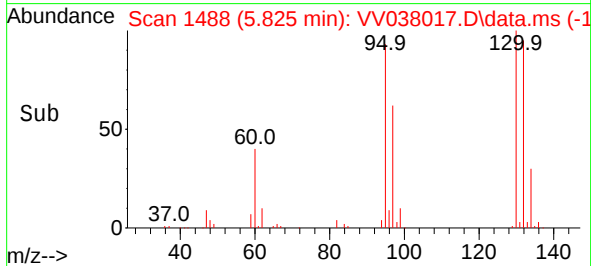


#34
Trichloroethene
Concen: 10.456 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VV038017.D
Acq: 12 Nov 2024 13:13

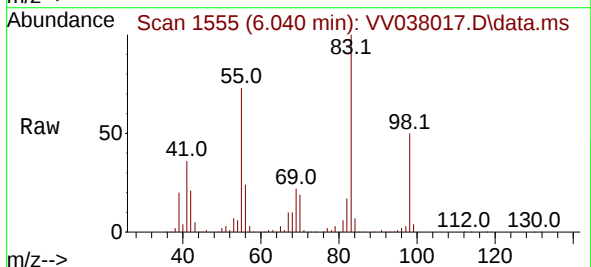
Instrument :
MSVOA_V
ClientSampleId :



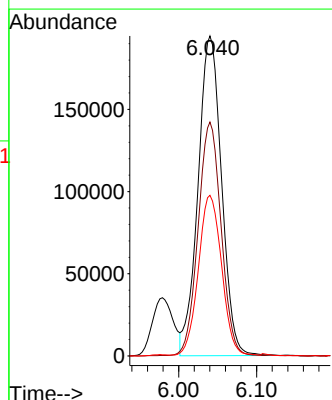
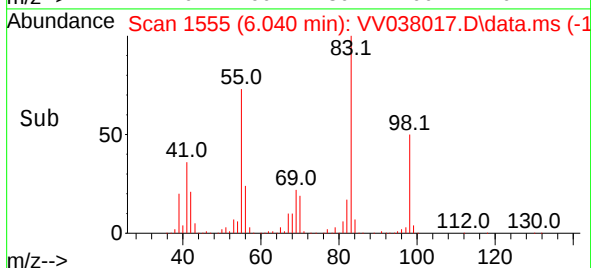
Tgt Ion: 95 Resp: 265471
Ion Ratio Lower Upper
95 100
97 64.5 44.5 82.7
132 98.3 67.9 126.1
130 103.9 72.8 135.2

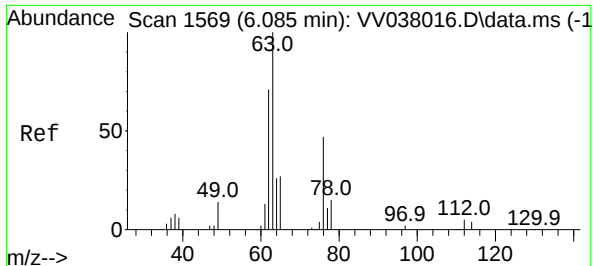


#35
Methylcyclohexane
Concen: 10.641 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VV038017.D
Acq: 12 Nov 2024 13:13



Tgt Ion: 83 Resp: 407885
Ion Ratio Lower Upper
83 100
55 71.7 58.8 88.2
98 49.0 40.2 60.2

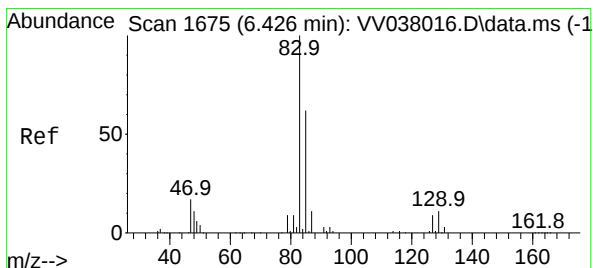
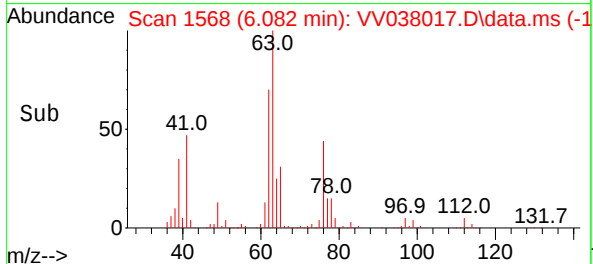
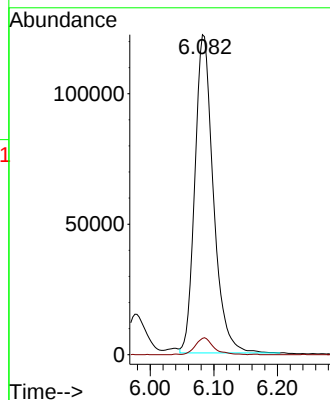
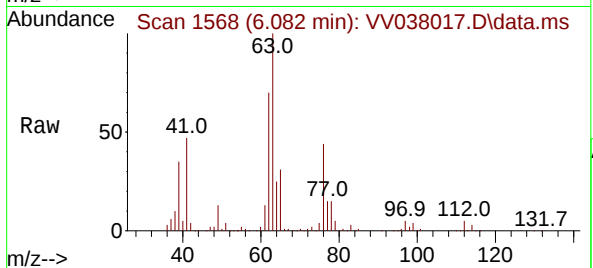




#37
1,2-Dichloropropane
Concen: 10.731 ug/L
RT: 6.082 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VV038017.D
Acq: 12 Nov 2024 13:13

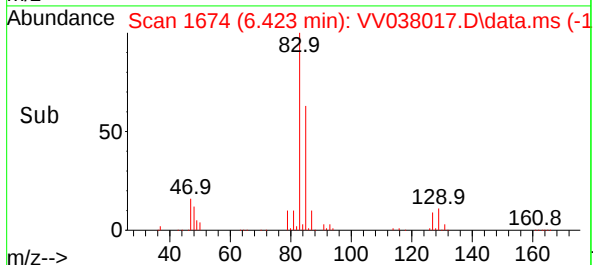
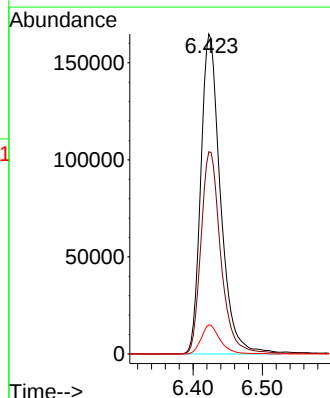
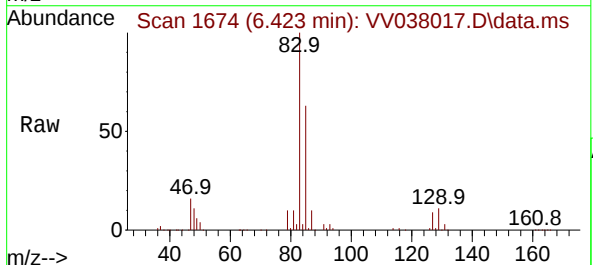
Instrument :
MSVOA_V
ClientSampleId :

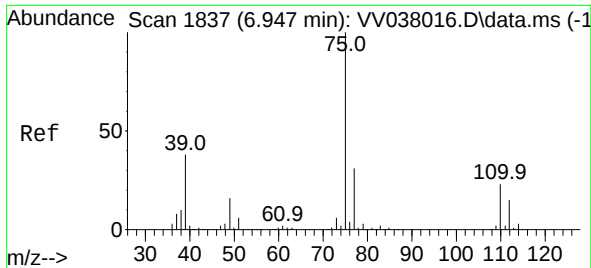
Tgt Ion: 63 Resp: 246532
Ion Ratio Lower Upper
63 100
112 5.2 4.1 6.1



#38
Bromodichloromethane
Concen: 10.648 ug/L
RT: 6.423 min Scan# 1674
Delta R.T. -0.003 min
Lab File: VV038017.D
Acq: 12 Nov 2024 13:13

Tgt Ion: 83 Resp: 325015
Ion Ratio Lower Upper
83 100
85 63.2 43.6 81.0
127 9.1 7.0 10.6

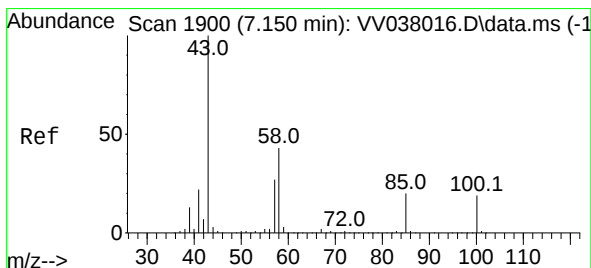
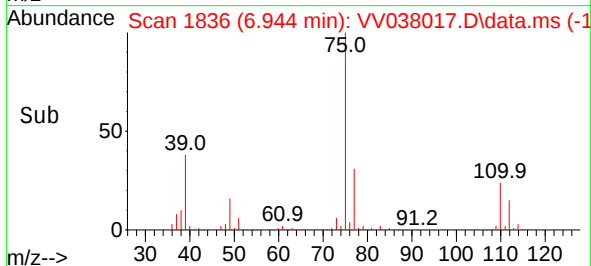
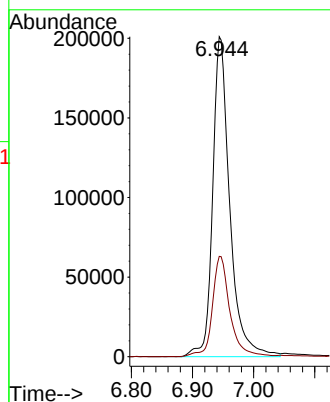
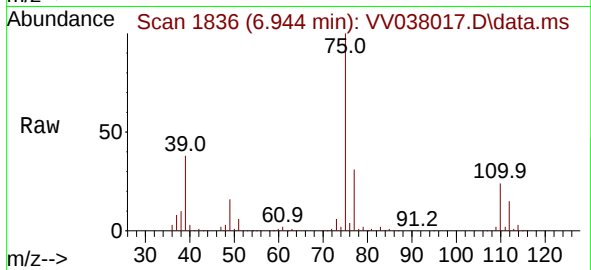




#39
 cis-1,3-Dichloropropene
 Concen: 11.397 ug/L
 RT: 6.944 min Scan# 1836
 Delta R.T. -0.003 min
 Lab File: VV038017.D
 Acq: 12 Nov 2024 13:13

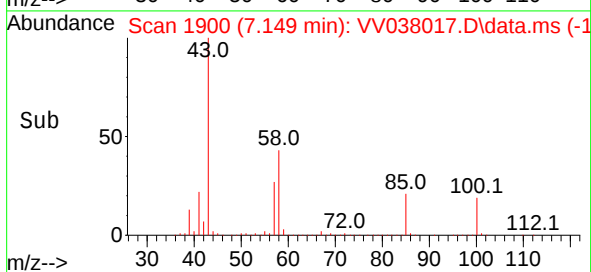
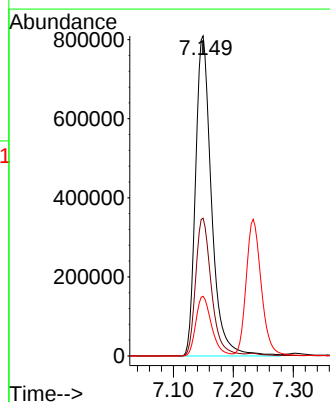
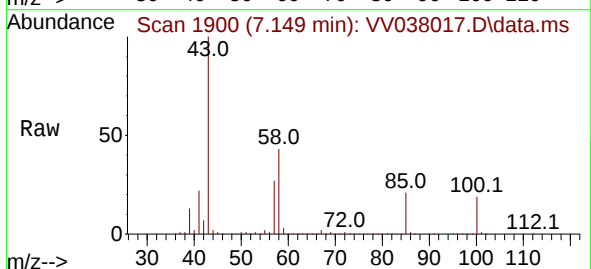
Instrument :
 MSVOA_V
 ClientSampleId :

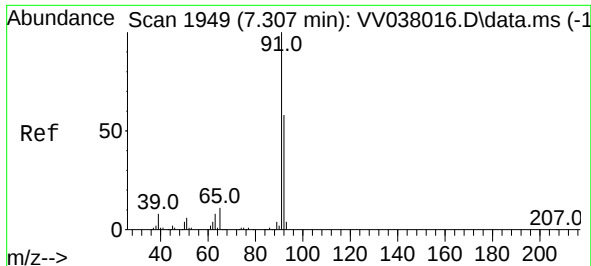
Tgt Ion: 75 Resp: 390347
 Ion Ratio Lower Upper
 75 100
 77 31.4 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 120.015 ug/L
 RT: 7.149 min Scan# 1900
 Delta R.T. -0.000 min
 Lab File: VV038017.D
 Acq: 12 Nov 2024 13:13

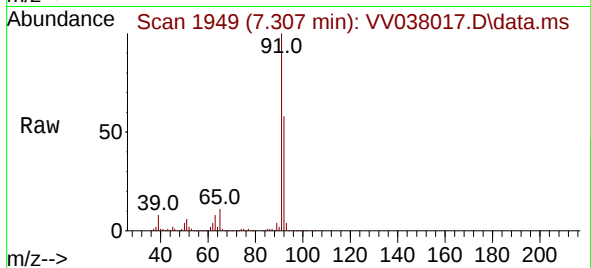
Tgt Ion: 43 Resp: 1499210
 Ion Ratio Lower Upper
 43 100
 58 42.6 34.1 51.1
 100 18.4 14.7 22.1



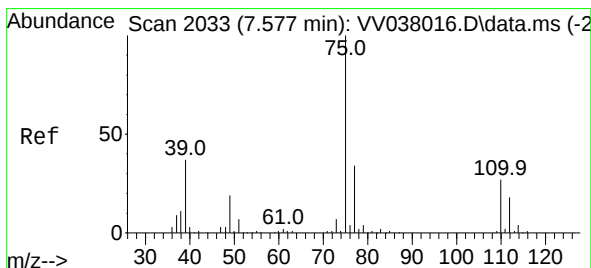
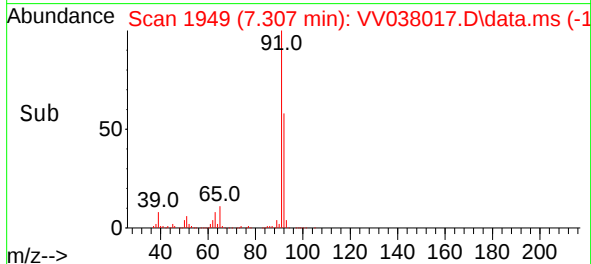
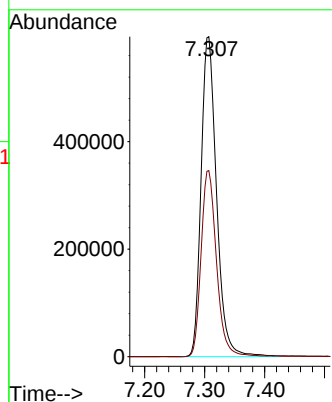


#42
Toluene
Concen: 11.010 ug/L
RT: 7.307 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VV038017.D
Acq: 12 Nov 2024 13:13

Instrument :
MSVOA_V
ClientSampleId :

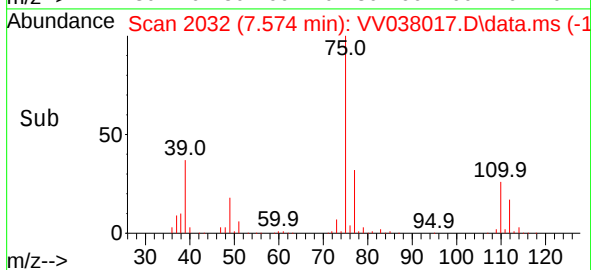
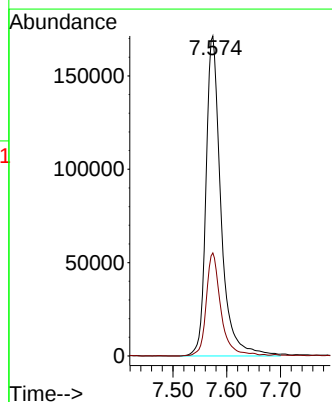
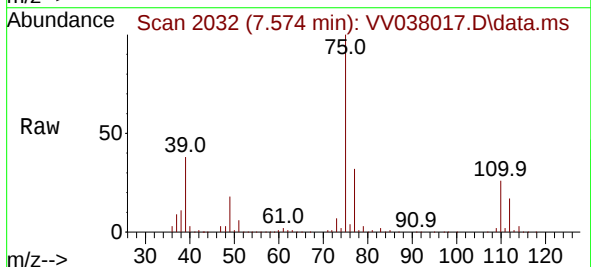


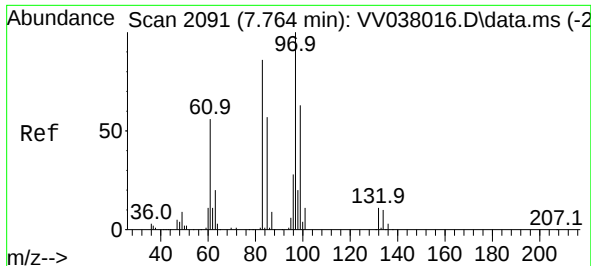
Tgt Ion: 91 Resp: 1068199
Ion Ratio Lower Upper
91 100
92 58.2 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 11.600 ug/L
RT: 7.574 min Scan# 2032
Delta R.T. -0.003 min
Lab File: VV038017.D
Acq: 12 Nov 2024 13:13

Tgt Ion: 75 Resp: 331481
Ion Ratio Lower Upper
75 100
77 32.2 23.6 43.8





#45

1,1,2-Trichloroethane

Concen: 10.797 ug/L

RT: 7.760 min Scan# 2091

Delta R.T. -0.003 min

Lab File: VV038017.D

Acq: 12 Nov 2024 13:13

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 198970

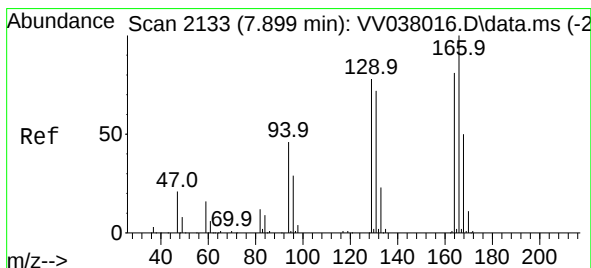
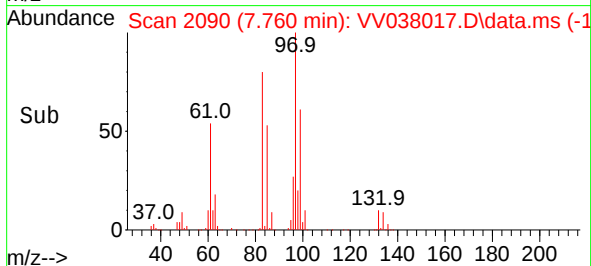
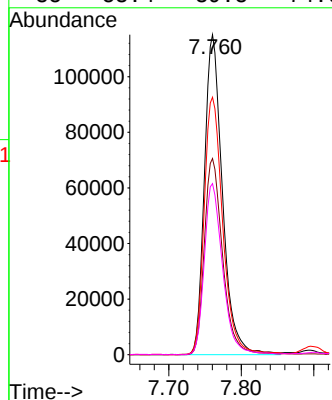
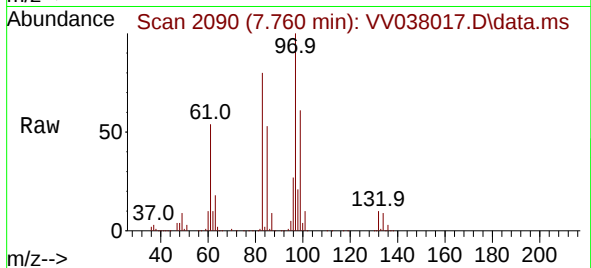
Ion Ratio Lower Upper

97 100

99 61.3 44.0 81.8

83 80.4 60.1 111.5

85 53.4 39.8 74.0



#47

Tetrachloroethene

Concen: 10.199 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. -0.003 min

Lab File: VV038017.D

Acq: 12 Nov 2024 13:13

Tgt Ion:164 Resp: 203168

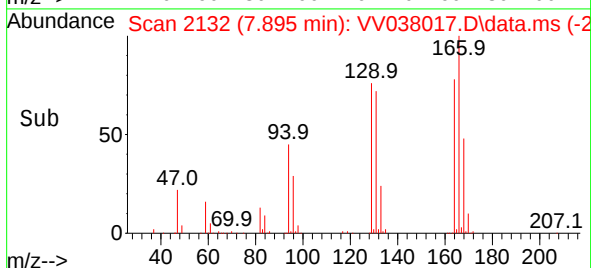
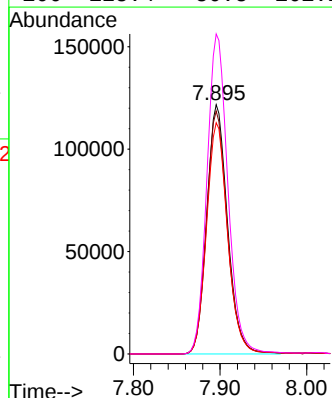
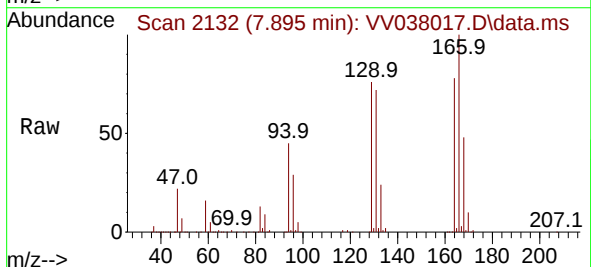
Ion Ratio Lower Upper

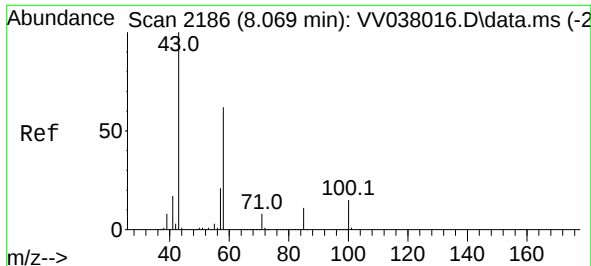
164 100

129 97.4 67.8 125.8

131 92.8 62.6 116.3

166 128.4 86.8 161.2





#48

2-Hexanone

Concen: 125.119 ug/L

RT: 8.066 min Scan# 2186

Delta R.T. -0.003 min

Lab File: VV038017.D

Acq: 12 Nov 2024 13:13

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 1073571

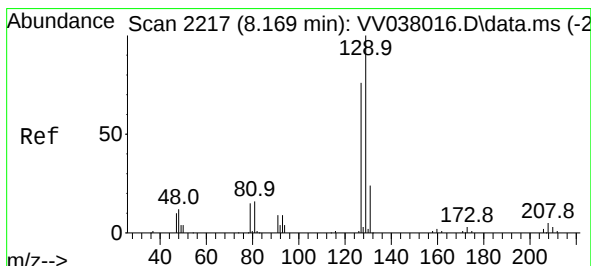
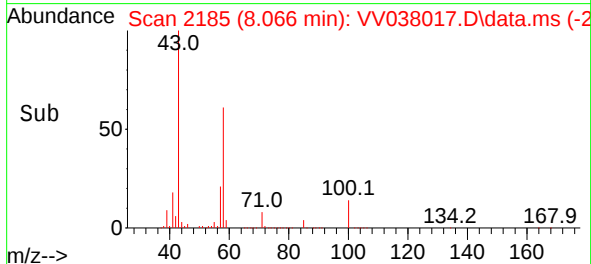
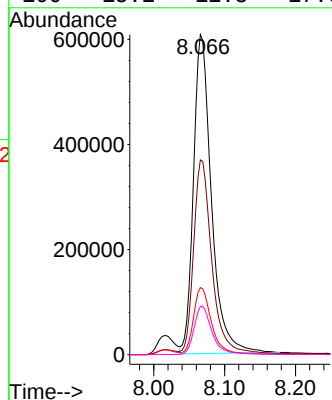
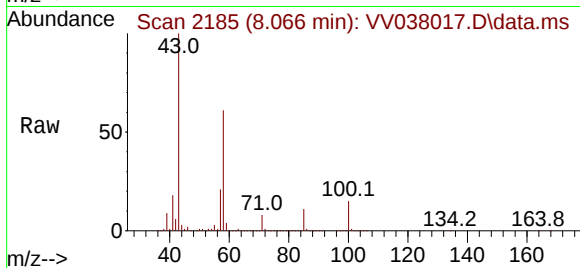
Ion Ratio Lower Upper

43 100

58 61.8 48.9 73.3

57 21.0 16.6 24.8

100 15.1 11.8 17.6



#49

Dibromochloromethane

Concen: 10.829 ug/L

RT: 8.169 min Scan# 2217

Delta R.T. -0.000 min

Lab File: VV038017.D

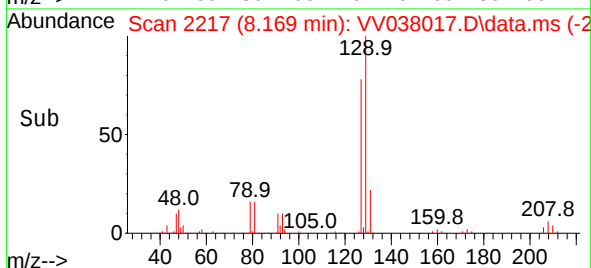
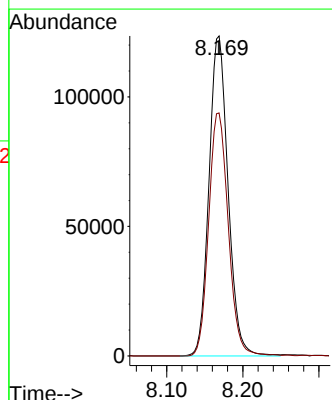
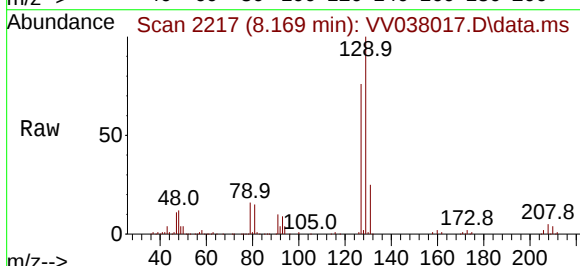
Acq: 12 Nov 2024 13:13

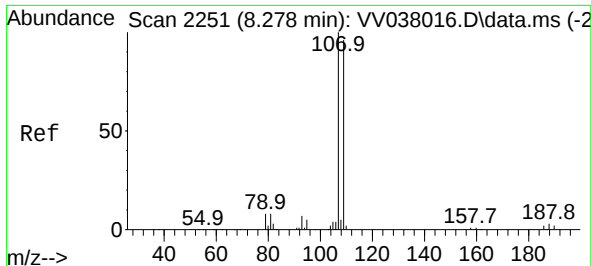
Tgt Ion:129 Resp: 215129

Ion Ratio Lower Upper

129 100

127 75.9 53.3 99.1





#50

1,2-Dibromoethane

Concen: 10.898 ug/L

RT: 8.275 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV038017.D

Acq: 12 Nov 2024 13:13

Instrument :

MSVOA_V

ClientSampleId :

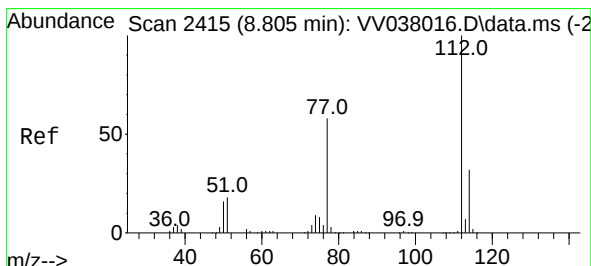
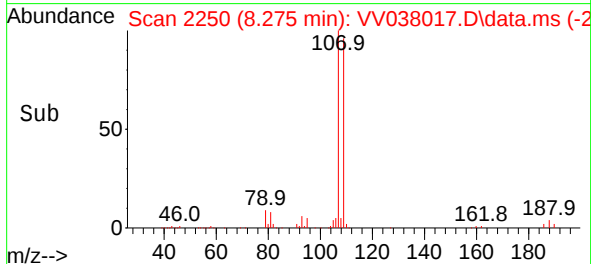
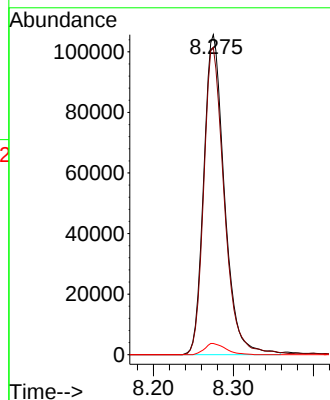
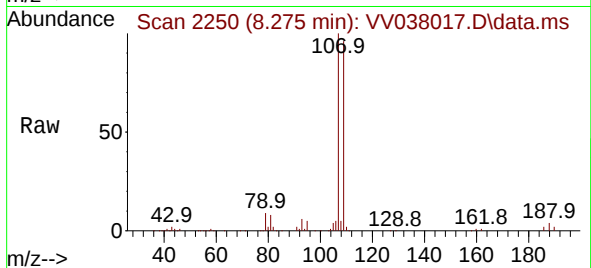
Tgt Ion:107 Resp: 190671

Ion Ratio Lower Upper

107 100

109 96.0 67.1 124.7

188 3.5 2.7 4.1



#51

Chlorobenzene

Concen: 10.562 ug/L

RT: 8.805 min Scan# 2415

Delta R.T. -0.000 min

Lab File: VV038017.D

Acq: 12 Nov 2024 13:13

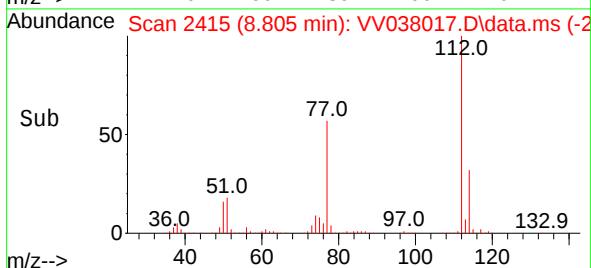
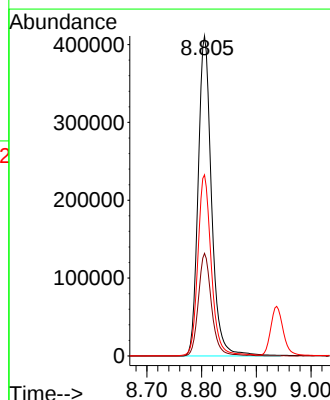
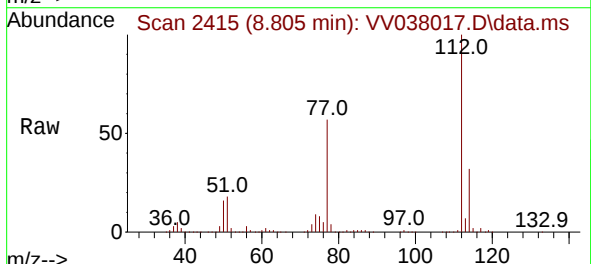
Tgt Ion:112 Resp: 698200

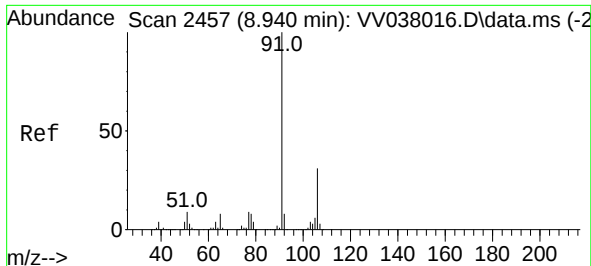
Ion Ratio Lower Upper

112 100

114 32.0 22.3 41.3

77 56.6 46.5 69.7





#52

Ethylbenzene

Concen: 11.108 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. -0.003 min

Lab File: VV038017.D

Acq: 12 Nov 2024 13:13

Instrument :

MSVOA_V

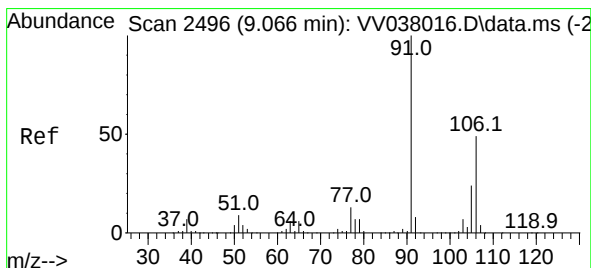
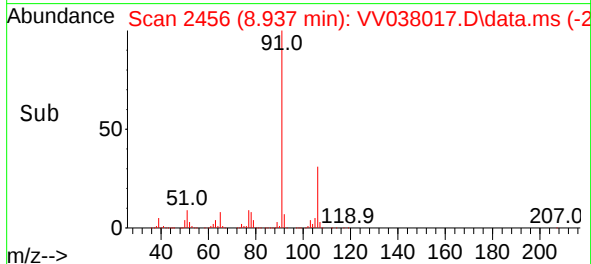
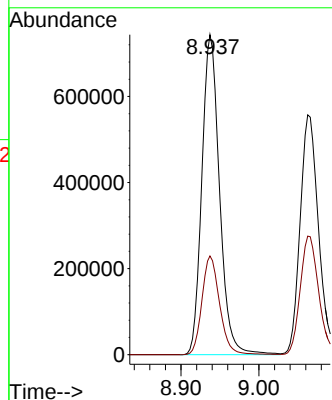
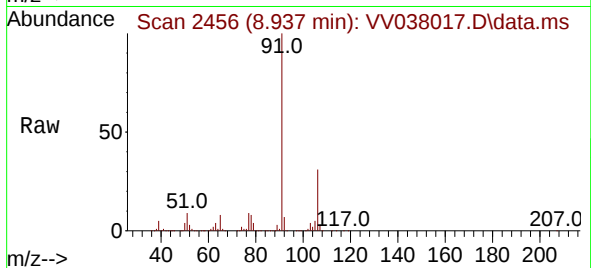
ClientSampleId :

Tgt Ion: 91 Resp: 1170688

Ion Ratio Lower Upper

91 100

106 30.9 21.6 40.0



#53

m,p-Xylene

Concen: 11.489 ug/L

RT: 9.063 min Scan# 2495

Delta R.T. -0.003 min

Lab File: VV038017.D

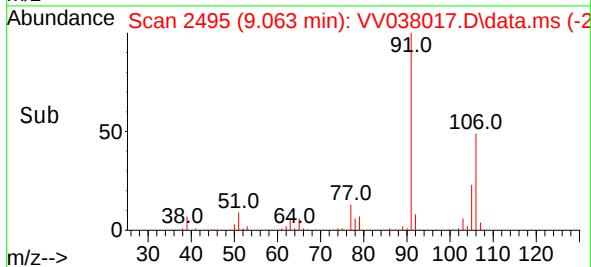
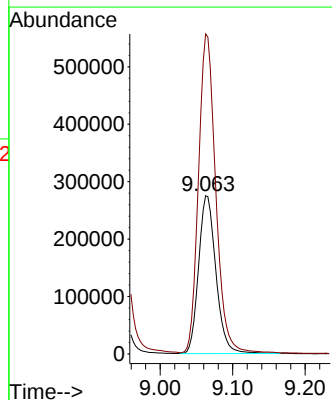
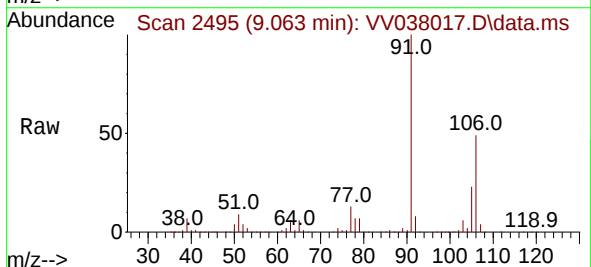
Acq: 12 Nov 2024 13:13

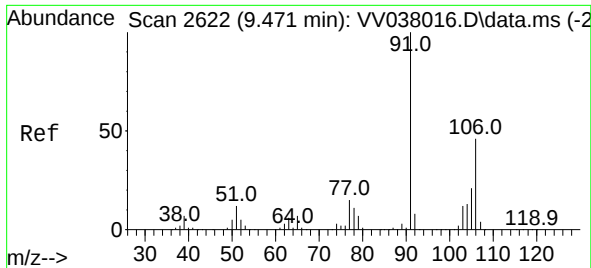
Tgt Ion:106 Resp: 456465

Ion Ratio Lower Upper

106 100

91 202.2 142.7 264.9

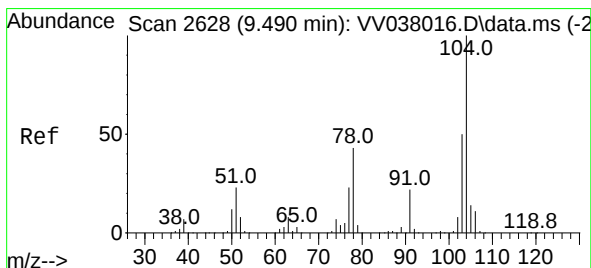
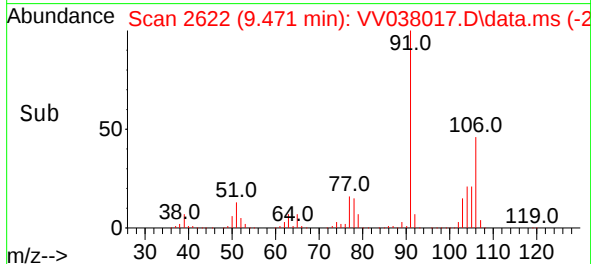
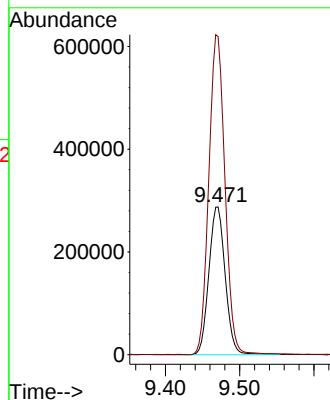
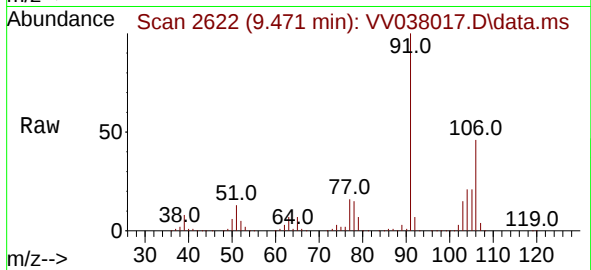




#54
o-Xylene
Concen: 11.370 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV038017.D
Acq: 12 Nov 2024 13:13

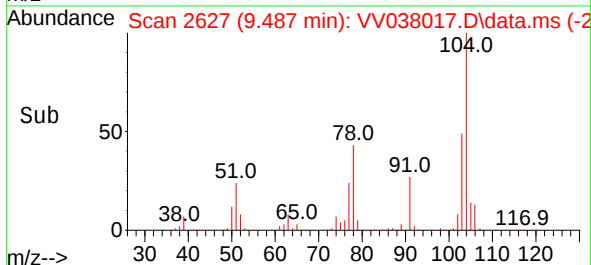
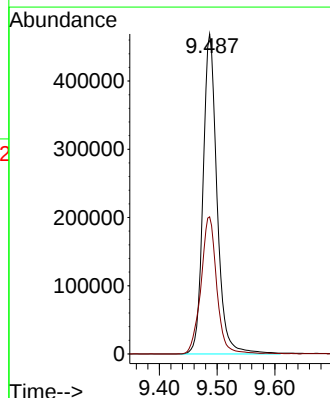
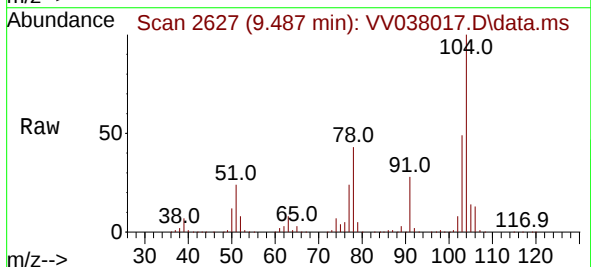
Instrument :
MSVOA_V
ClientSampleId :

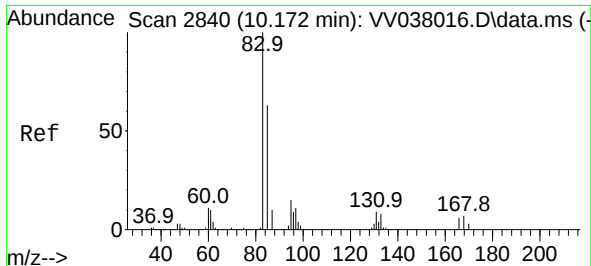
Tgt Ion:106 Resp: 437219
Ion Ratio Lower Upper
106 100
91 215.4 151.0 280.4



#55
Styrene
Concen: 11.747 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.003 min
Lab File: VV038017.D
Acq: 12 Nov 2024 13:13

Tgt Ion:104 Resp: 786835
Ion Ratio Lower Upper
104 100
78 42.9 30.1 55.9

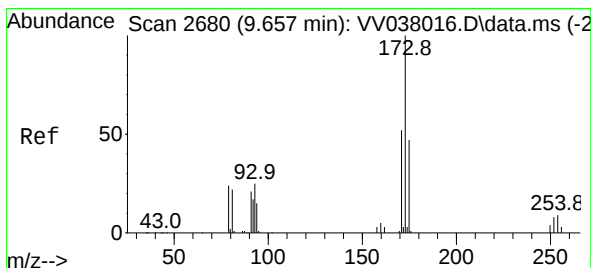
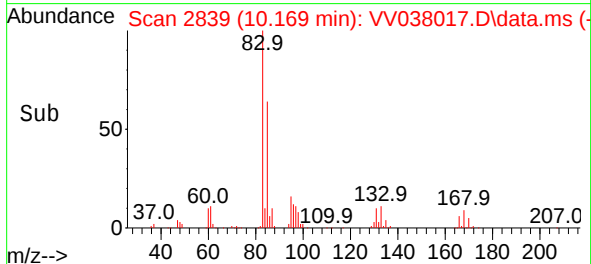
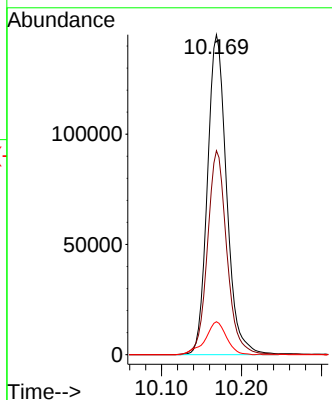
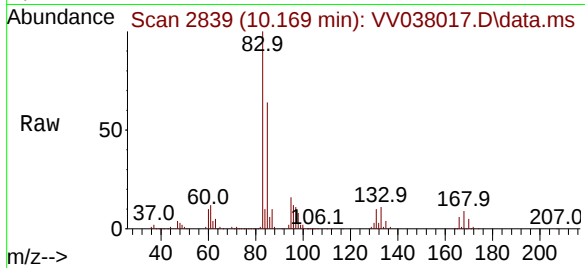




#57
1,1,2,2-Tetrachloroethane
Concen: 10.990 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. -0.003 min
Lab File: VV038017.D
Acq: 12 Nov 2024 13:13

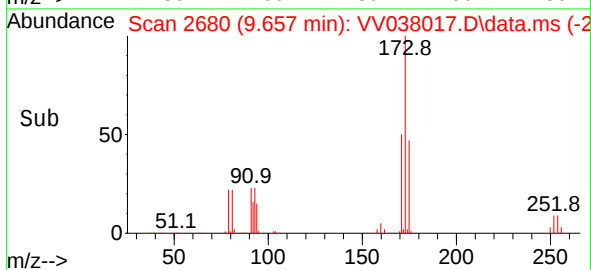
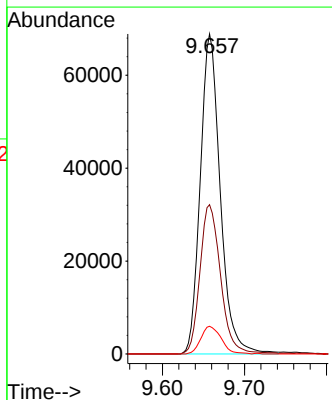
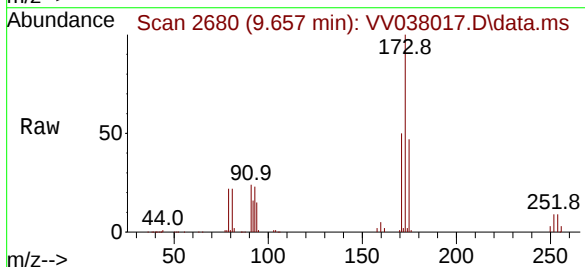
Instrument :
MSVOA_V
ClientSampleId :

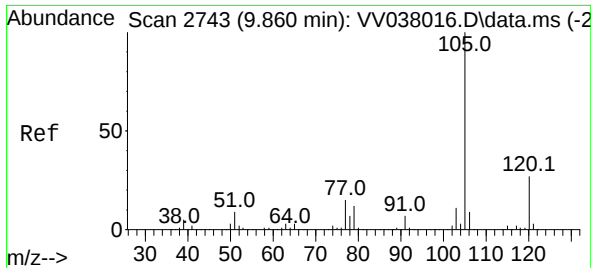
Tgt Ion: 83 Resp: 241743
Ion Ratio Lower Upper
83 100
85 63.7 44.4 82.4
131 10.3 7.8 11.6



#59
Bromoform
Concen: 10.971 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.000 min
Lab File: VV038017.D
Acq: 12 Nov 2024 13:13

Tgt Ion: 173 Resp: 116766
Ion Ratio Lower Upper
173 100
175 48.2 39.3 58.9
254 8.8 7.5 11.3

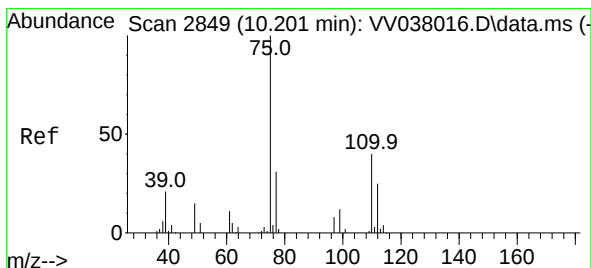
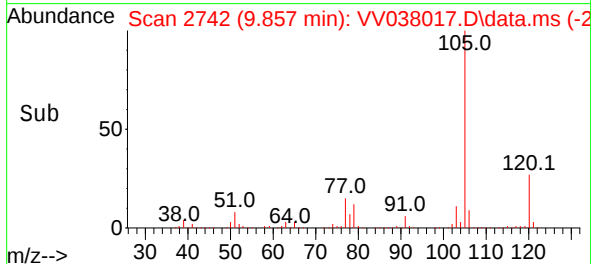
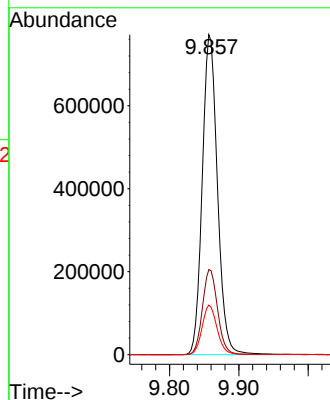
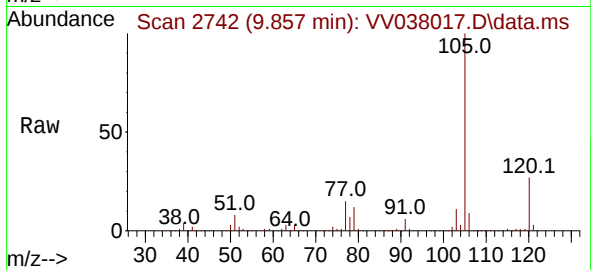




#60
Isopropylbenzene
Concen: 10.852 ug/L
RT: 9.857 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV038017.D
Acq: 12 Nov 2024 13:13

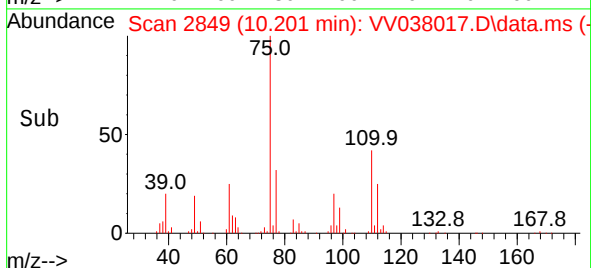
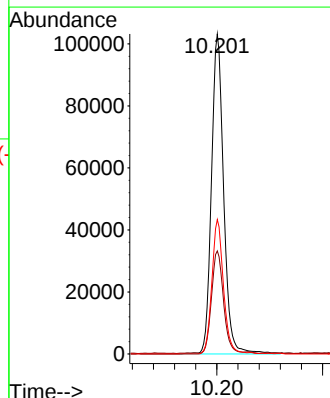
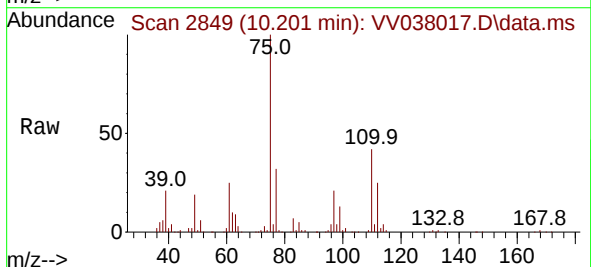
Instrument :
MSVOA_V
ClientSampleId :

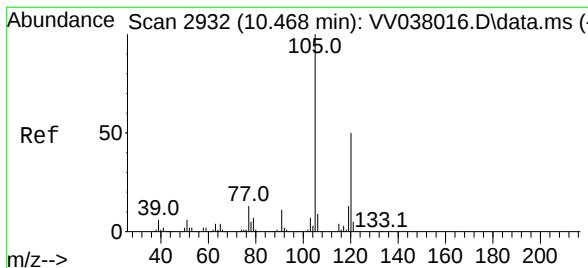
Tgt Ion:105 Resp: 1171933
Ion Ratio Lower Upper
105 100
120 26.6 20.8 31.2
77 15.3 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 10.472 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.000 min
Lab File: VV038017.D
Acq: 12 Nov 2024 13:13

Tgt Ion: 75 Resp: 165629
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9
110 39.8 33.5 50.3

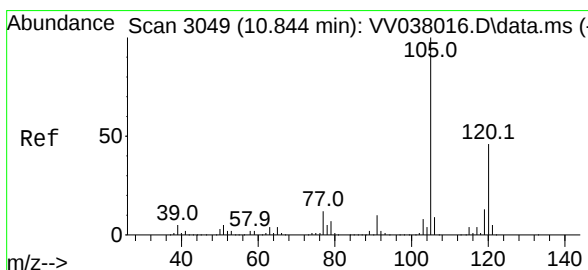
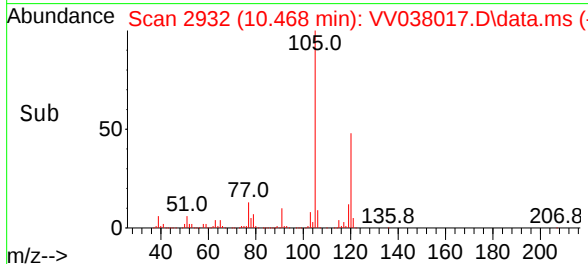
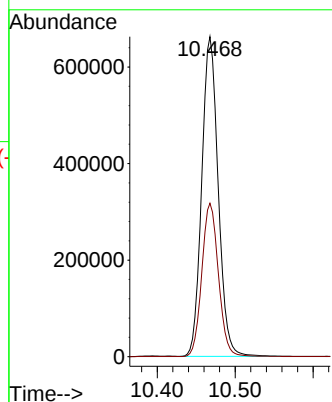
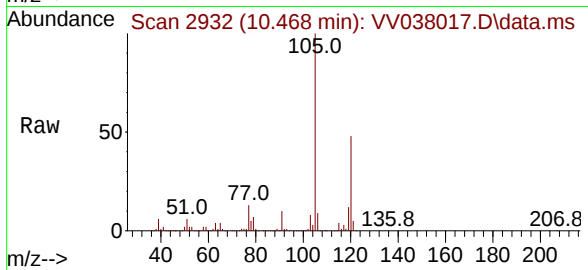




#62
 1,3,5-Trimethylbenzene
 Concen: 11.225 ug/L
 RT: 10.468 min Scan# 2932
 Delta R.T. -0.000 min
 Lab File: VV038017.D
 Acq: 12 Nov 2024 13:13

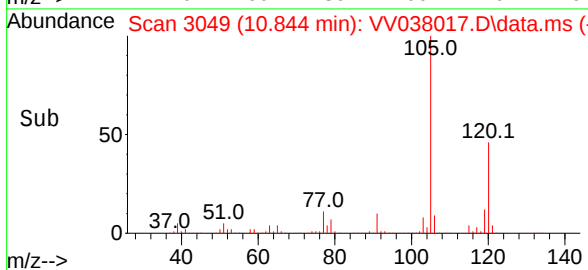
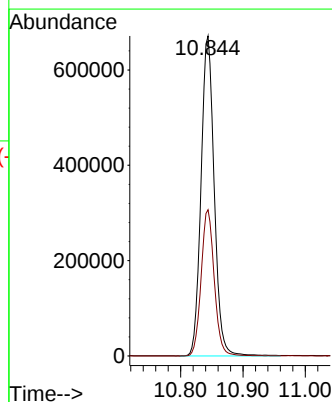
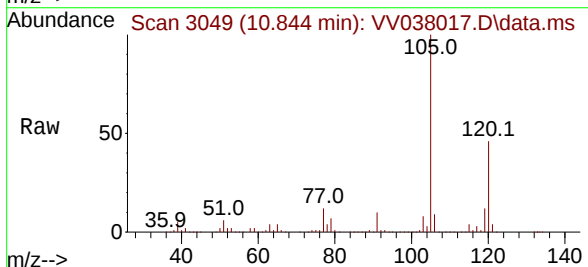
Instrument :
 MSVOA_V
 ClientSampleId :

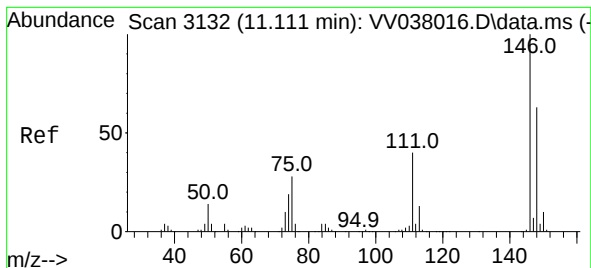
Tgt Ion:105 Resp: 970947
 Ion Ratio Lower Upper
 105 100
 120 48.5 39.5 59.3



#63
 1,2,4-Trimethylbenzene
 Concen: 11.400 ug/L
 RT: 10.844 min Scan# 3049
 Delta R.T. -0.000 min
 Lab File: VV038017.D
 Acq: 12 Nov 2024 13:13

Tgt Ion:105 Resp: 987957
 Ion Ratio Lower Upper
 105 100
 120 45.4 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 10.295 ug/L

RT: 11.107 min Scan# 3131

Delta R.T. -0.003 min

Lab File: VV038017.D

Acq: 12 Nov 2024 13:13

Instrument :

MSVOA_V

ClientSampleId :

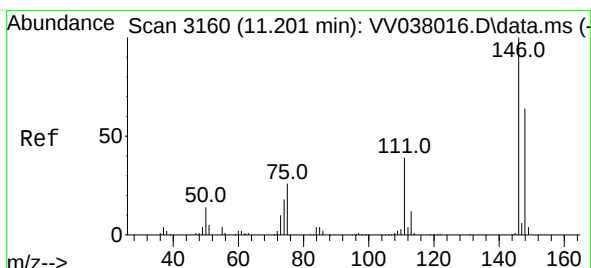
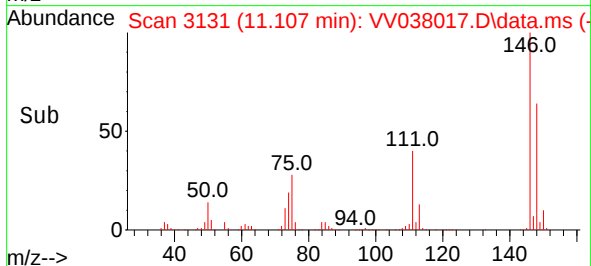
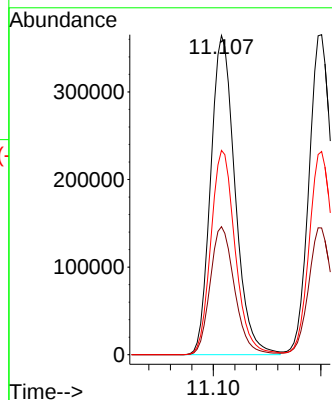
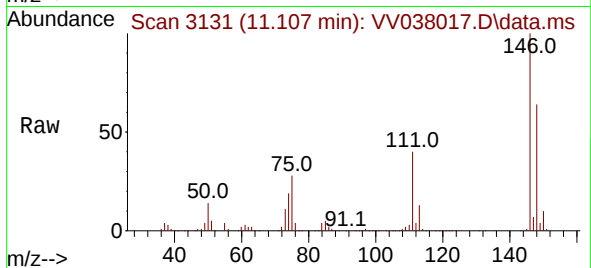
Tgt Ion:146 Resp: 573510

Ion Ratio Lower Upper

146 100

111 40.1 27.6 51.4

148 64.0 43.9 81.5



#65

1,4-Dichlorobenzene

Concen: 10.142 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. -0.000 min

Lab File: VV038017.D

Acq: 12 Nov 2024 13:13

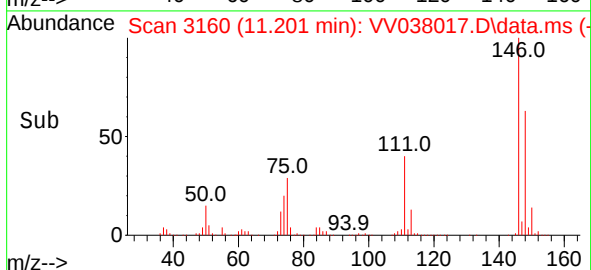
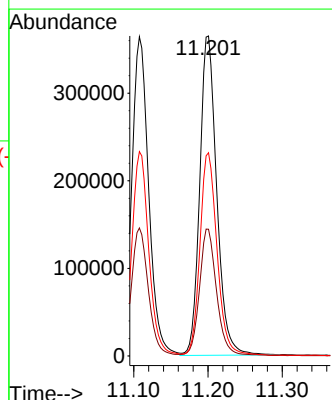
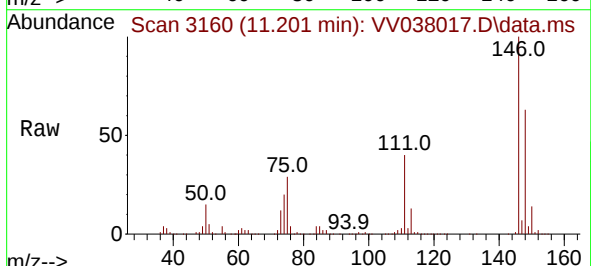
Tgt Ion:146 Resp: 581260

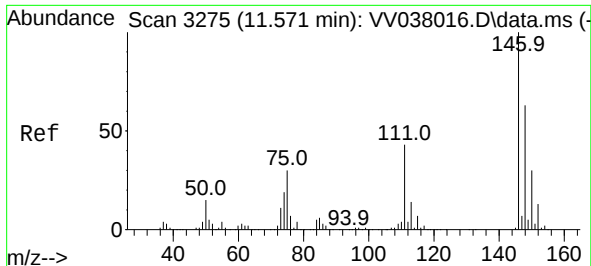
Ion Ratio Lower Upper

146 100

111 39.6 27.8 51.6

148 63.5 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 10.361 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038017.D

Acq: 12 Nov 2024 13:13

Instrument :

MSVOA_V

ClientSampleId :

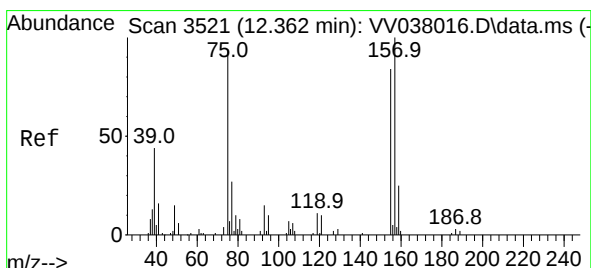
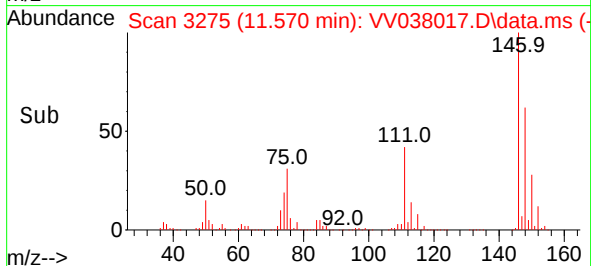
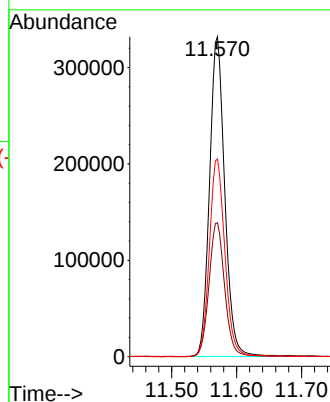
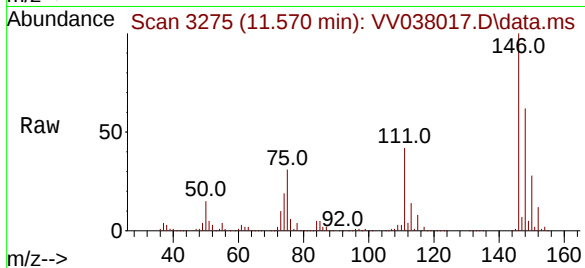
Tgt Ion:146 Resp: 539726

Ion Ratio Lower Upper

146 100

111 41.9 34.5 51.7

148 61.8 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 10.629 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.003 min

Lab File: VV038017.D

Acq: 12 Nov 2024 13:13

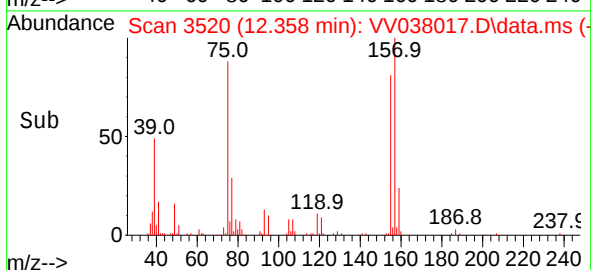
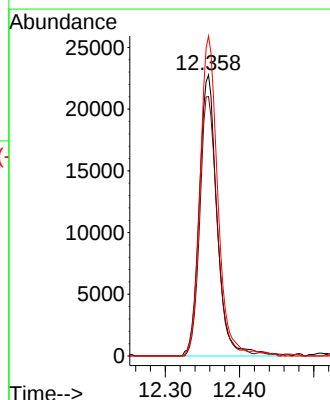
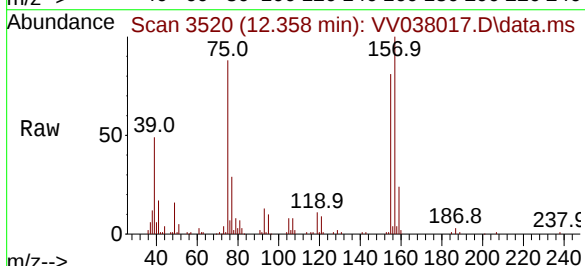
Tgt Ion: 75 Resp: 38110

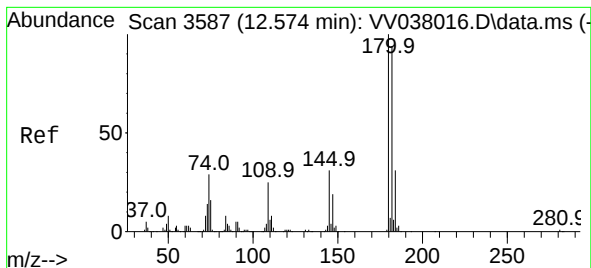
Ion Ratio Lower Upper

75 100

155 92.2 72.0 108.0

157 113.8 85.4 128.0





#69

1,3,5-Trichlorobenzene

Concen: 10.007 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.000 min

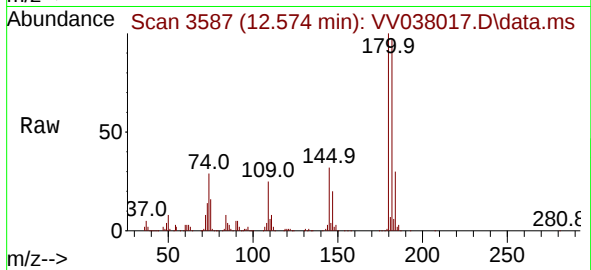
Lab File: VV038017.D

Acq: 12 Nov 2024 13:13

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 410016

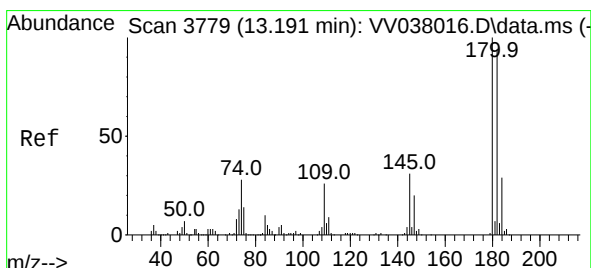
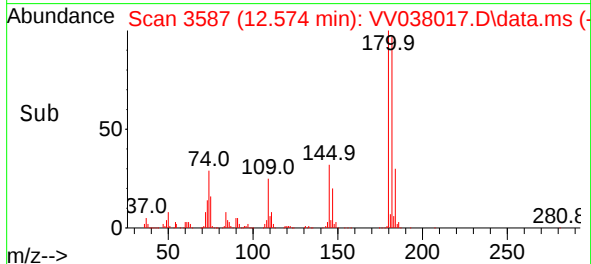
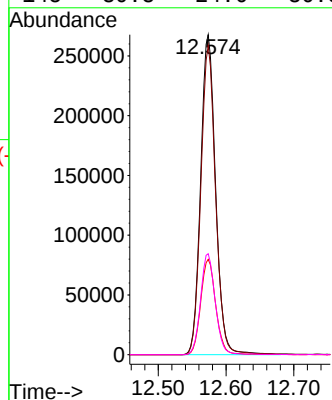
Ion Ratio Lower Upper

180 100

182 94.8 76.2 114.2

184 29.9 24.2 36.2

145 30.8 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 10.312 ug/L

RT: 13.188 min Scan# 3778

Delta R.T. -0.003 min

Lab File: VV038017.D

Acq: 12 Nov 2024 13:13

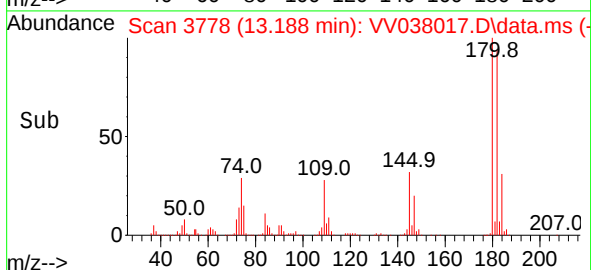
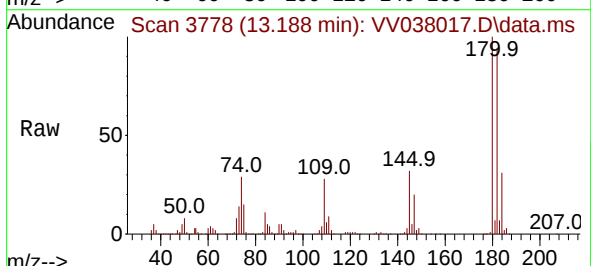
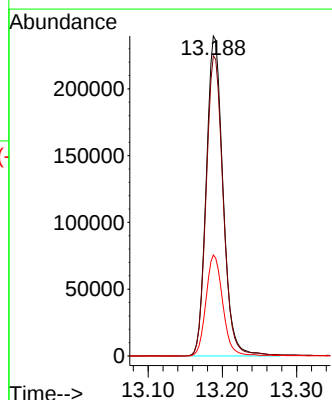
Tgt Ion:180 Resp: 375179

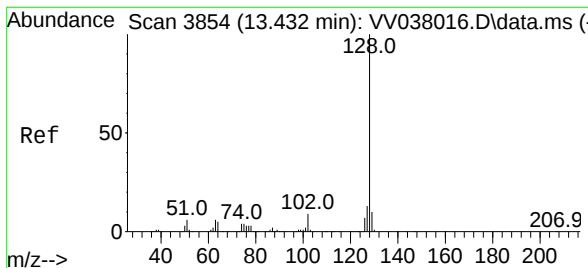
Ion Ratio Lower Upper

180 100

182 95.4 74.6 112.0

145 31.5 24.8 37.2





#71

Naphthalene

Concen: 10.738 ug/L

RT: 13.429 min Scan# 3853

Delta R.T. -0.003 min

Lab File: VV038017.D

Acq: 12 Nov 2024 13:13

Instrument :

MSVOA_V

ClientSampleId :

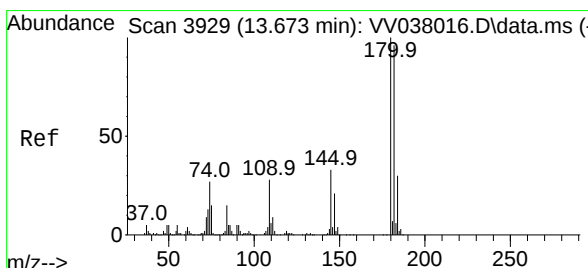
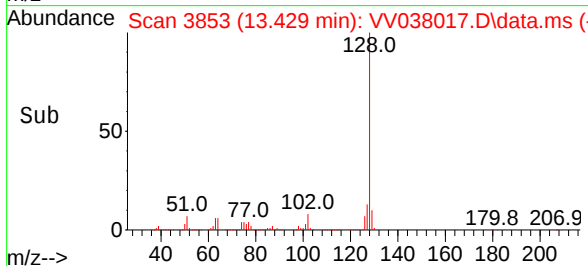
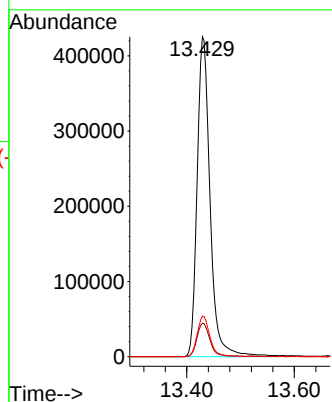
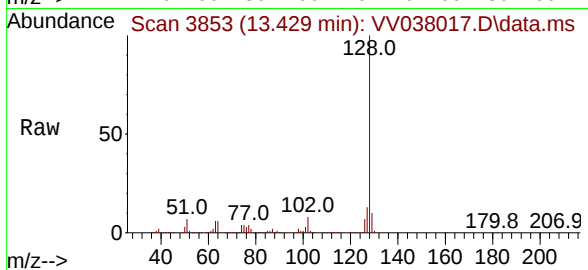
Tgt Ion:128 Resp: 711093

Ion Ratio Lower Upper

128 100

129 10.5 8.6 12.8

127 12.5 9.9 14.9



#72

1,2,3-Trichlorobenzene

Concen: 10.320 ug/L

RT: 13.670 min Scan# 3928

Delta R.T. -0.003 min

Lab File: VV038017.D

Acq: 12 Nov 2024 13:13

Tgt Ion:180 Resp: 354321

Ion Ratio Lower Upper

180 100

182 95.6 76.6 114.8

145 33.6 26.2 39.2

