

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112321\
 Data File : VW023664.D
 Acq On : 23 Nov 2021 11:57
 Operator : SY/MD
 Sample : VSTD00154
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 24 03:42:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 03:41:43 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	121052	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	123040	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62971	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	10232	1.333	ug/L	0.00
7) Chloroethane-d5	1.568	69	8292	1.341	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	18204	1.260	ug/L	0.00
20) 2-Butanone-d5	3.937	46	2662	2.120	ug/L	0.03
24) Chloroform-d	4.352	84	17972	1.143	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	8113	1.140	ug/L	0.00
32) Benzene-d6	5.056	84	33446	1.083	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	9915	1.101	ug/L	0.00
41) Toluene-d8	7.320	98	30001	1.031	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	3911	1.129	ug/L	0.00
46) 2-Hexanone-d5	8.101	63	9168	7.382	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	6960	1.075	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	11536	1.128	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	11969	1.016	ug/L	99
3) Chloromethane	1.243	50	10697	1.063	ug/L	98
5) Vinyl chloride	1.311	62	10556	1.040	ug/L	98
6) Bromomethane	1.523	94	6354	1.010	ug/L	95
8) Chloroethane	1.587	64	7289	1.230	ug/L	94
9) Trichlorofluoromethane	1.754	101	17919	1.152	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	9069	1.161	ug/L	96
12) 1,1-Dichloroethene	2.121	96	8609	1.151	ug/L	91
13) Acetone	2.449	43	1839	2.142	ug/L	87
14) Carbon disulfide	2.298	76	27652	1.008	ug/L	99
15) Methyl Acetate	2.449	43	1839	0.791	ug/L	95
16) Methylene chloride	2.510	84	13076	1.226	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	16581	1.025	ug/L #	94
18) trans-1,2-Dichloroethene	2.767	96	9104	1.013	ug/L	93
19) 1,1-Dichloroethane	3.195	63	15792	1.041	ug/L	96
21) 2-Butanone	4.018	43	2527	1.940	ug/L	80
22) cis-1,2-Dichloroethene	3.918	96	8528	0.982	ug/L	87
23) Bromochloromethane	4.256	128	4133	1.033	ug/L #	90
25) Chloroform	4.381	83	17547	1.071	ug/L	96
27) 1,2-Dichloroethane	5.140	62	9363	1.071	ug/L	98
29) 1,1,1-Trichloroethane	4.613	97	16336	1.064	ug/L	99
30) Cyclohexane	4.683	56	12129	0.892	ug/L	97
31) Carbon tetrachloride	4.828	117	15001	1.081	ug/L	98
33) Benzene	5.101	78	34044	0.977	ug/L	100
34) Trichloroethene	5.921	95	9177	0.983	ug/L	95
35) Methylcyclohexane	6.130	83	12268	0.833	ug/L	94
37) 1,2-Dichloropropane	6.178	63	8238	1.015	ug/L #	96
38) Bromodichloromethane	6.513	83	11358	1.027	ug/L #	95
39) cis-1,3-Dichloropropene	7.034	75	10882	0.925	ug/L	93
40) 4-Methyl-2-pentanone	7.233	43	30558	7.948	ug/L	97
42) Toluene	7.391	91	35864	0.954	ug/L	97
44) trans-1,3-Dichloropropene	7.658	75	8704	0.894	ug/L	95

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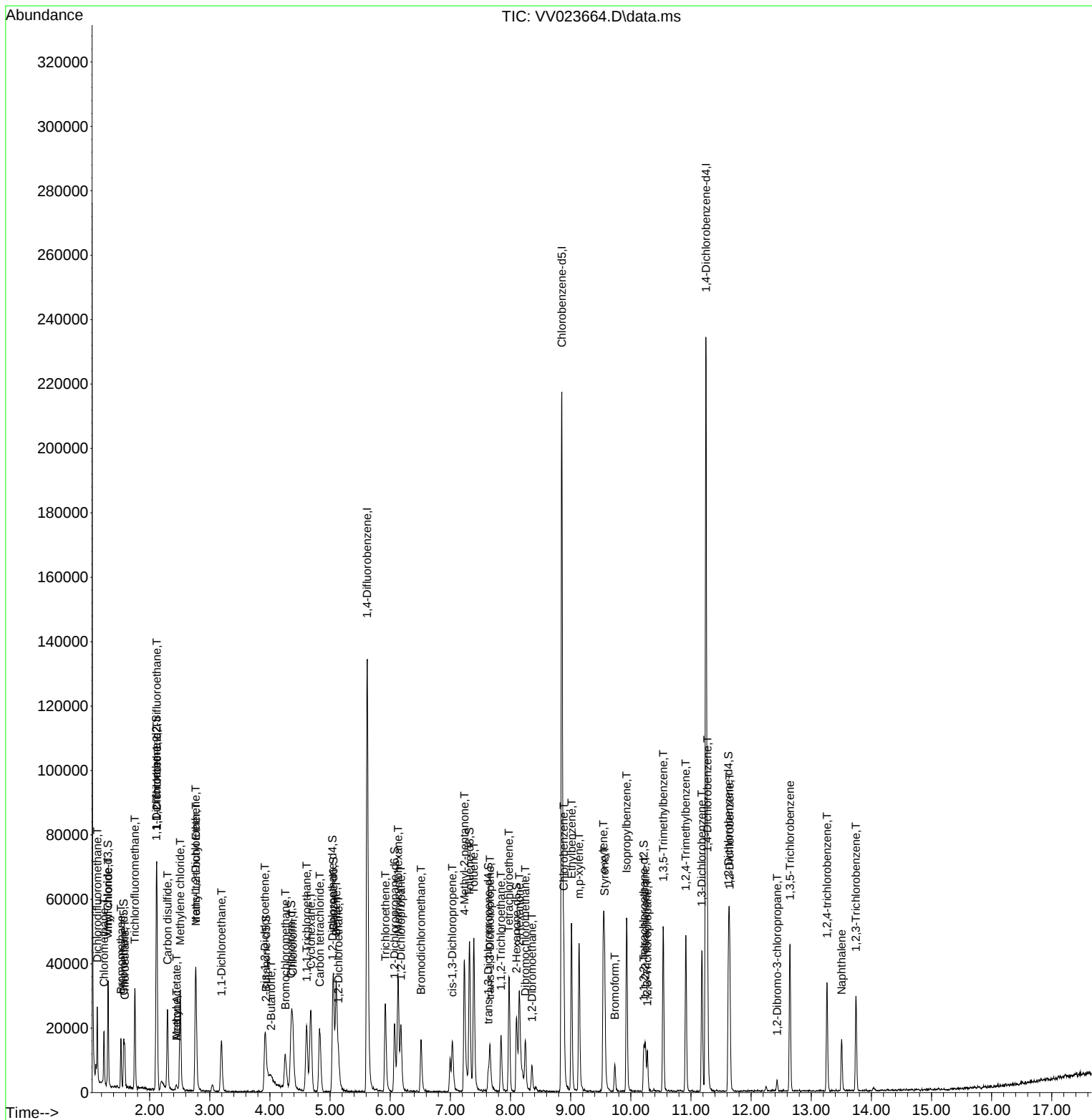
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 03:41:43 2021
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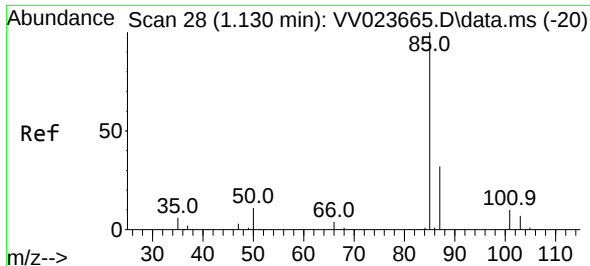
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.844	97	5675	0.958	ug/L	86
47) Tetrachloroethene	7.976	164	8523	1.045	ug/L	97
48) 2-Hexanone	8.146	43	23775	8.890	ug/L #	93
49) Dibromochloromethane	8.246	129	7708	1.021	ug/L	99
50) 1,2-Dibromoethane	8.358	107	5323	0.975	ug/L	99
51) Chlorobenzene	8.886	112	24647	0.988	ug/L	97
52) Ethylbenzene	9.014	91	35719	0.900	ug/L	97
53) m,p-xylene	9.140	106	13794	0.879	ug/L	96
54) o-xylene	9.545	106	13123	0.897	ug/L	95
55) Styrene	9.564	104	20790	0.826	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.243	83	6322	0.982	ug/L	94
59) Bromoform	9.735	173	4016	1.036	ug/L #	96
60) Isopropylbenzene	9.931	105	34524	0.935	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	4730	1.115	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	27754	0.905	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	25653	0.841	ug/L	96
64) 1,3-Dichlorobenzene	11.182	146	18795	1.000	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	19140	1.000	ug/L	96
67) 1,2-Dichlorobenzene	11.645	146	17307	1.024	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.432	75	773	0.859	ug/L	88
69) 1,3,5-Trichlorobenzene	12.648	180	14167	0.958	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	10693	0.909	ug/L	100
71) Naphthalene	13.506	128	13058	0.766	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	9048	0.880	ug/L	98

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

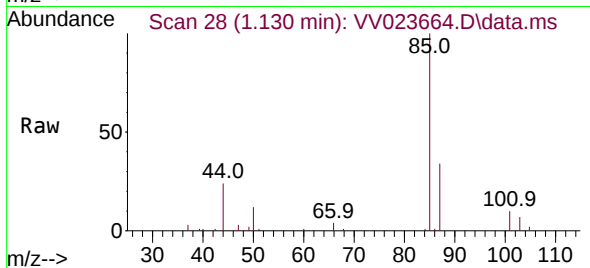
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
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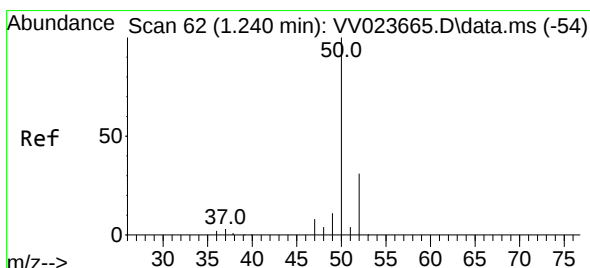
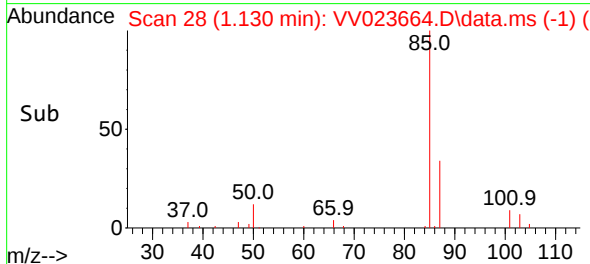
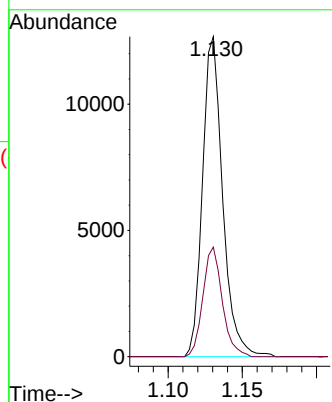


#2
 Dichlorodifluoromethane
 Concen: 1.016 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023664.D
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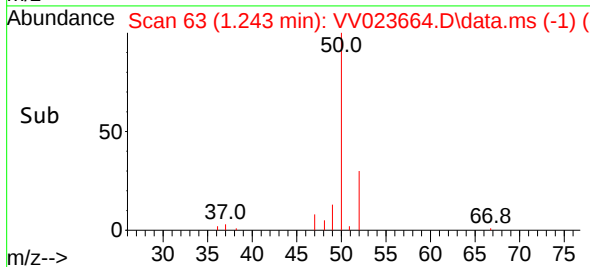
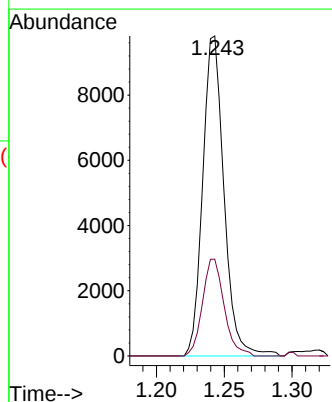
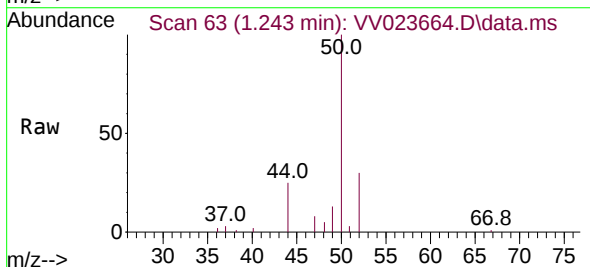


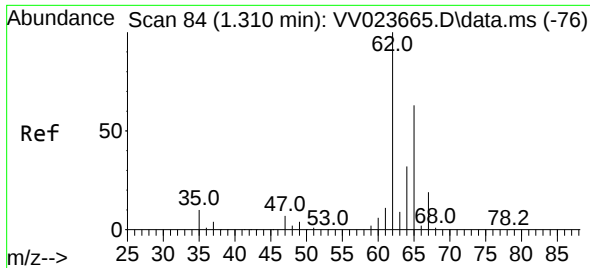
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 Ion Ratio Lower Upper
 85 100
 87 32.9 26.0 39.0



#3
 Chloromethane
 Concen: 1.063 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV023664.D
 Acq: 23 Nov 2021 11:57

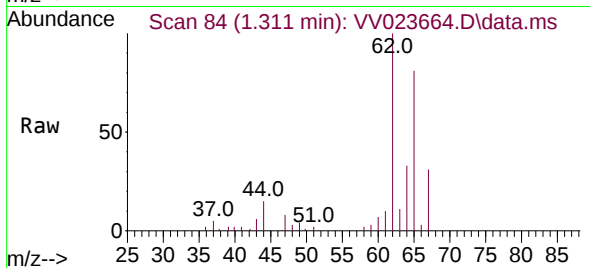
Tgt Ion: 50 Resp: 10697
 Ion Ratio Lower Upper
 50 100
 52 30.2 22.0 41.0



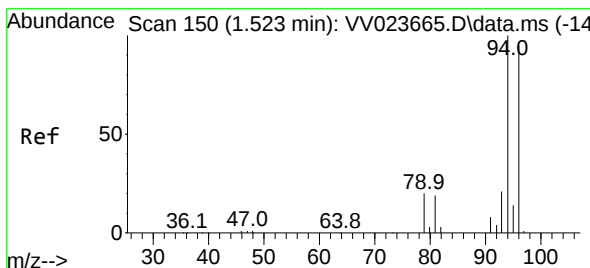
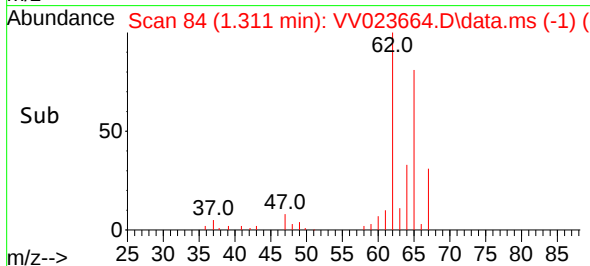
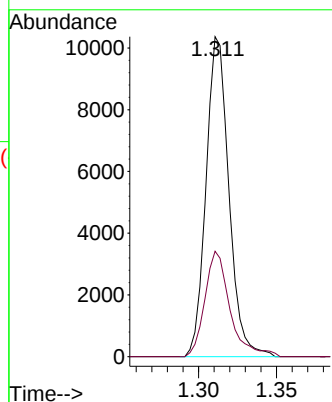


#5
 Vinyl chloride
 Concen: 1.040 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023664.D
 Acq: 23 Nov 2021 11:57

Instrument :
 MSVOA_V
 ClientSampleId :

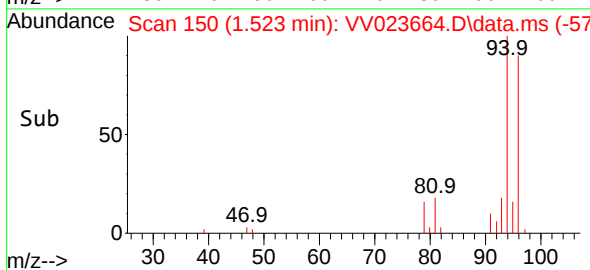
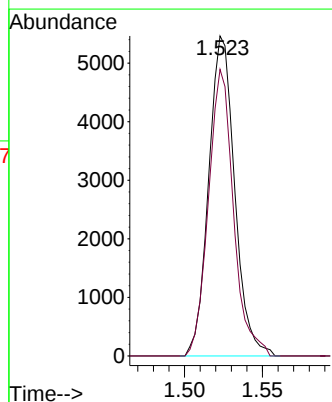
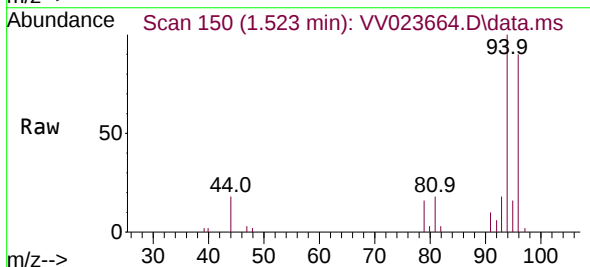


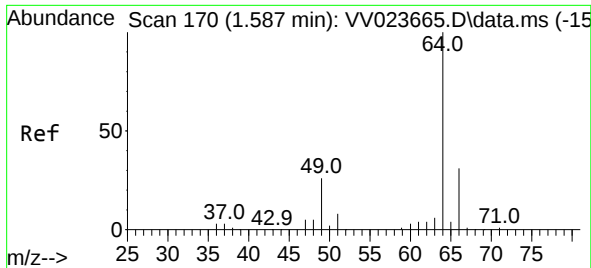
Tgt Ion: 62 Resp: 10556
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.4 41.6



#6
 Bromomethane
 Concen: 1.010 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV023664.D
 Acq: 23 Nov 2021 11:57

Tgt Ion: 94 Resp: 6354
 Ion Ratio Lower Upper
 94 100
 96 89.6 66.2 123.0

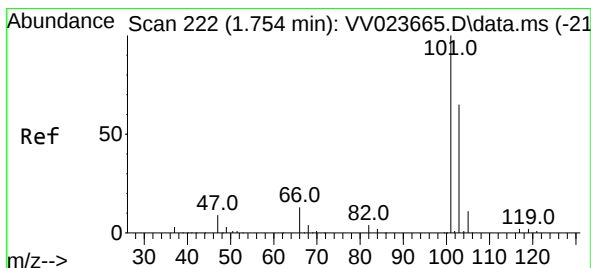
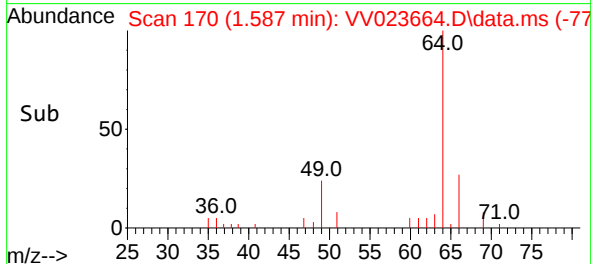
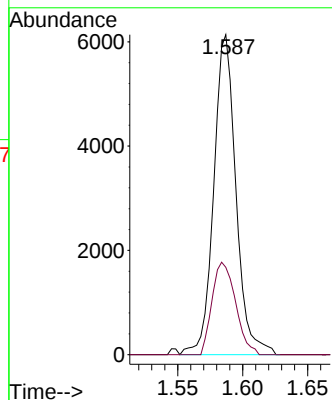
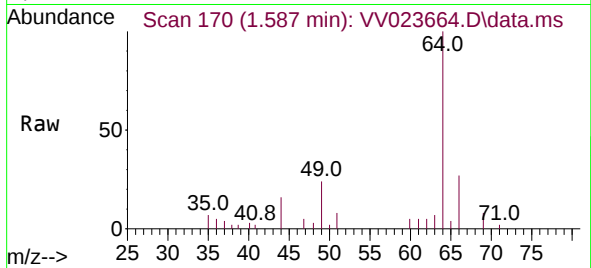




#8
Chloroethane
Concen: 1.230 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV023664.D
Acq: 23 Nov 2021 11:57

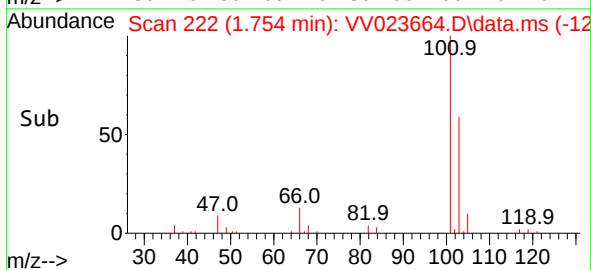
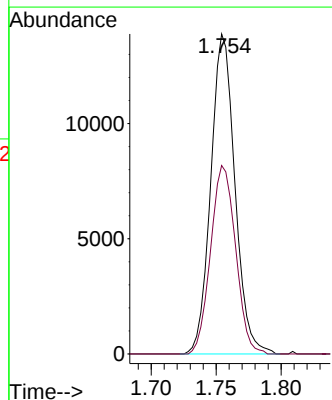
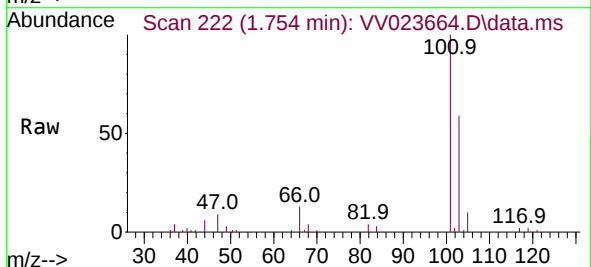
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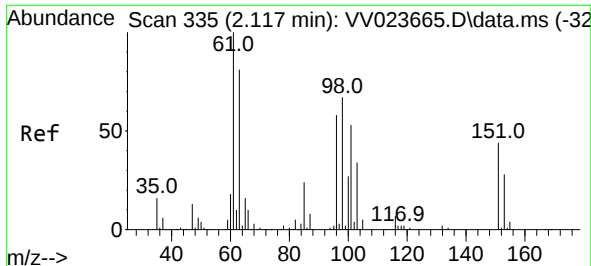
Tgt Ion: 64 Resp: 7289
Ion Ratio Lower Upper
64 100
66 27.3 21.4 39.8



#9
Trichlorofluoromethane
Concen: 1.152 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV023664.D
Acq: 23 Nov 2021 11:57

Tgt Ion:101 Resp: 17919
Ion Ratio Lower Upper
101 100
103 61.0 51.6 77.4

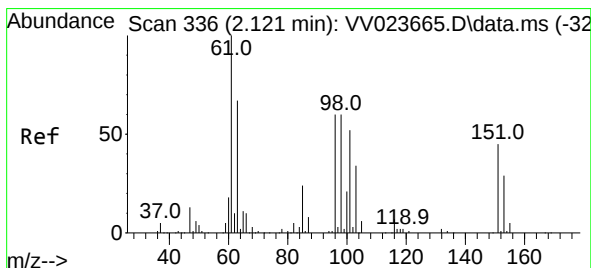
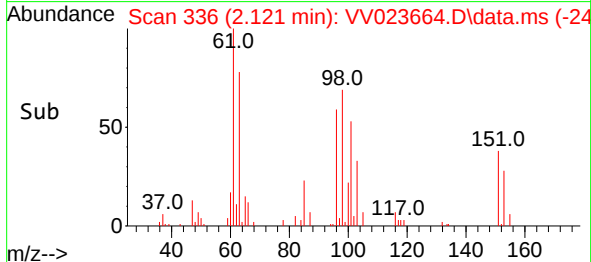
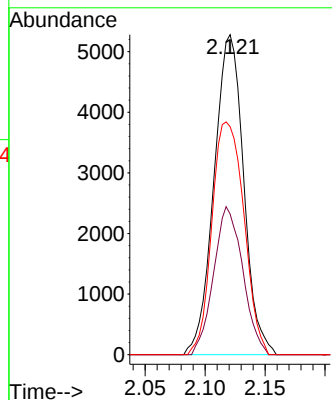
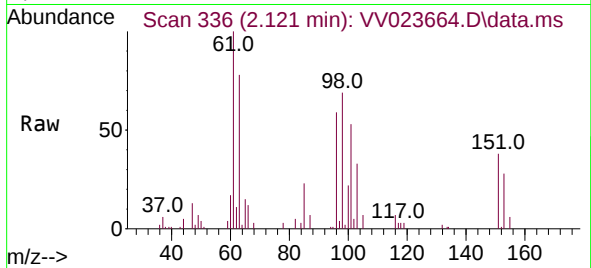




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.161 ug/L
 RT: 2.121 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV023664.D
 Acq: 23 Nov 2021 11:57

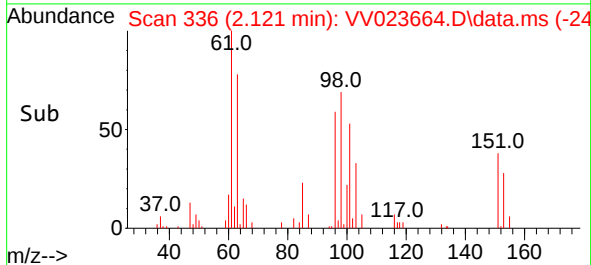
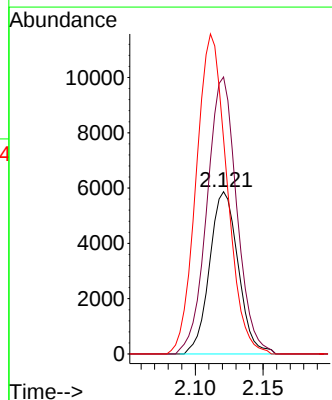
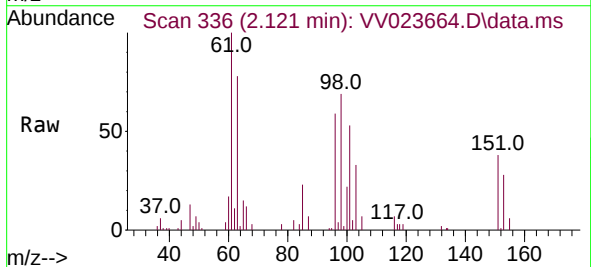
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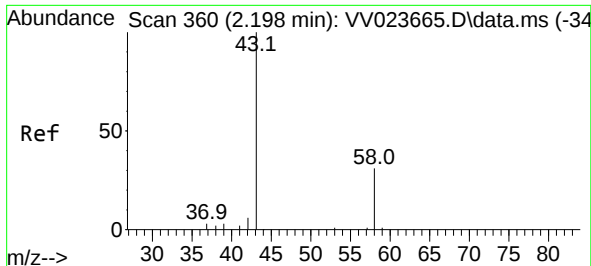
Tgt Ion:101 Resp: 9069
 Ion Ratio Lower Upper
 101 100
 85 45.5 36.0 54.0
 151 78.3 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 1.151 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV023664.D
 Acq: 23 Nov 2021 11:57

Tgt Ion: 96 Resp: 8609
 Ion Ratio Lower Upper
 96 100
 61 170.7 116.1 215.5
 63 132.6 79.4 147.4





#13

Acetone

Concen: 2.142 ug/L

RT: 2.449 min Scan# 41

Delta R.T. 0.251 min

Lab File: VV023664.D

Acq: 23 Nov 2021 11:57

Instrument :

MSVOA_V

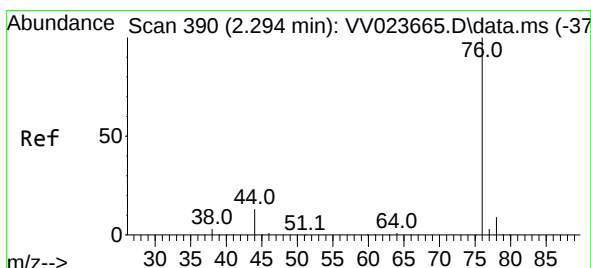
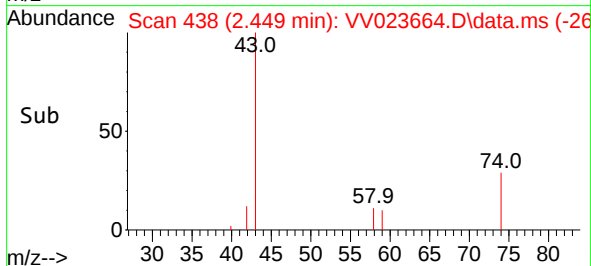
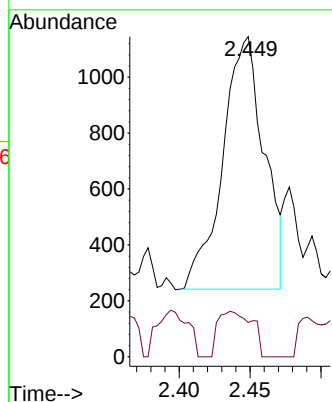
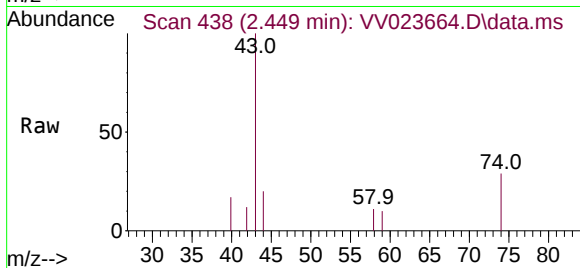
ClientSampleId :

Tgt Ion: 43 Resp: 1839

Ion Ratio Lower Upper

43 100

58 14.8 0.0 41.4



#14

Carbon disulfide

Concen: 1.008 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV023664.D

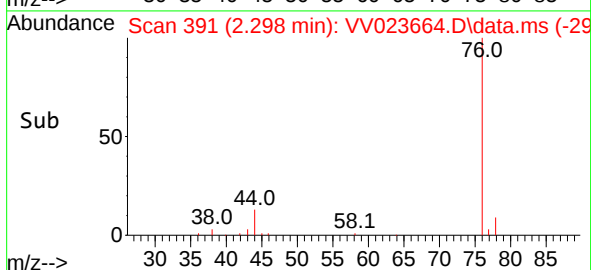
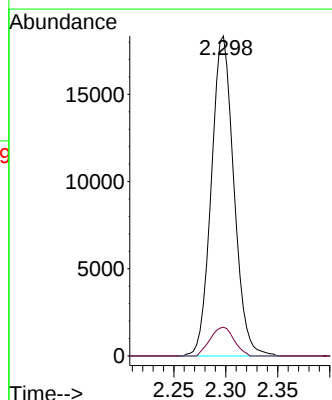
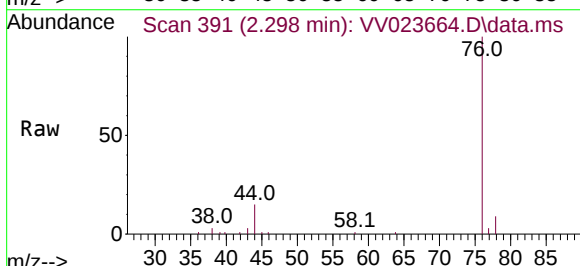
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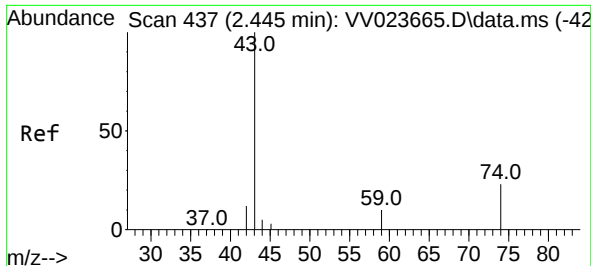
Tgt Ion: 76 Resp: 27652

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

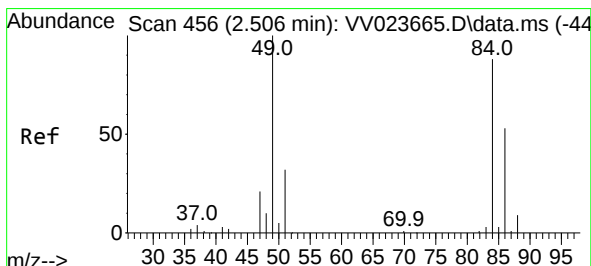
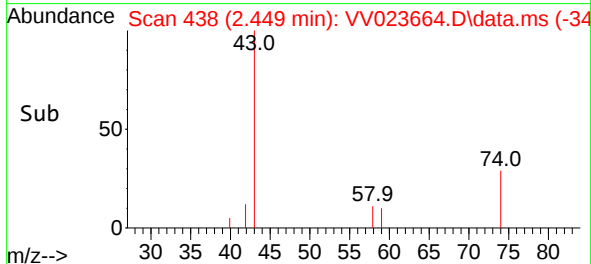
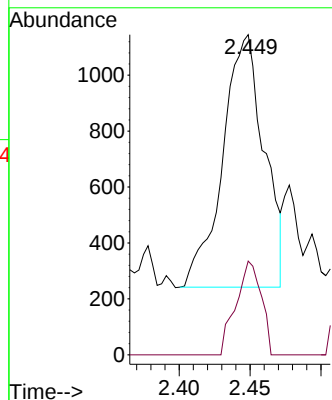
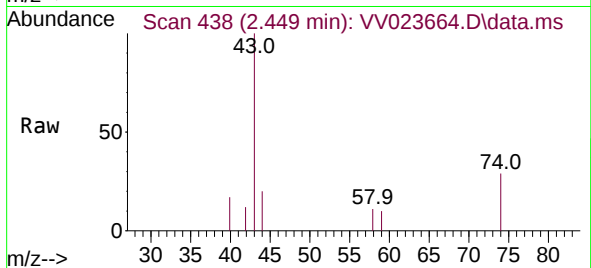




#15
Methyl Acetate
Concen: 0.791 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV023664.D
Acq: 23 Nov 2021 11:57

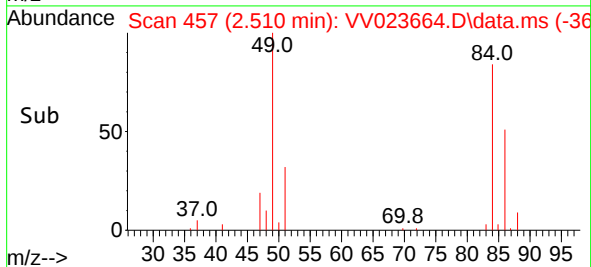
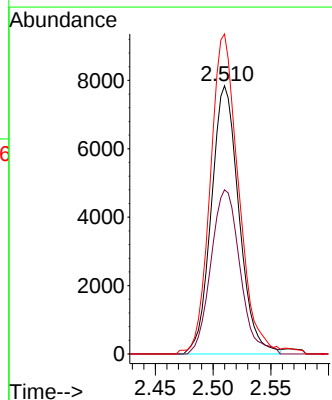
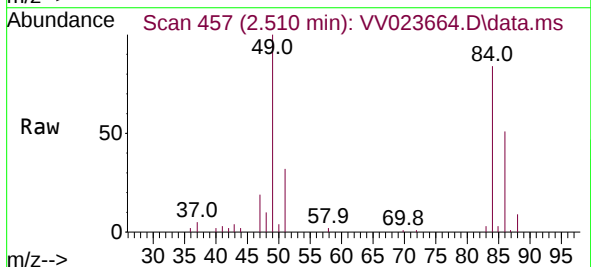
Instrument :
MSVOA_V
ClientSampleId :

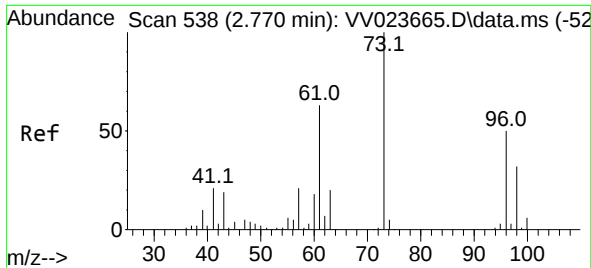
Tgt Ion: 43 Resp: 1839
Ion Ratio Lower Upper
43 100
74 22.5 20.2 30.2



#16
Methylene chloride
Concen: 1.226 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV023664.D
Acq: 23 Nov 2021 11:57

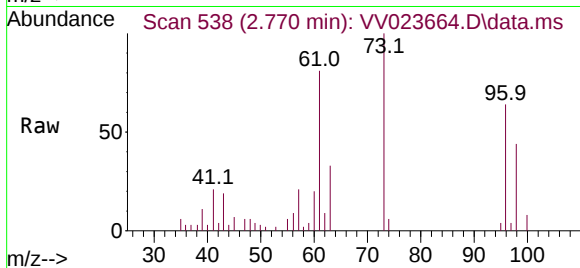
Tgt Ion: 84 Resp: 13076
Ion Ratio Lower Upper
84 100
86 61.2 42.6 79.0
49 119.3 79.7 147.9



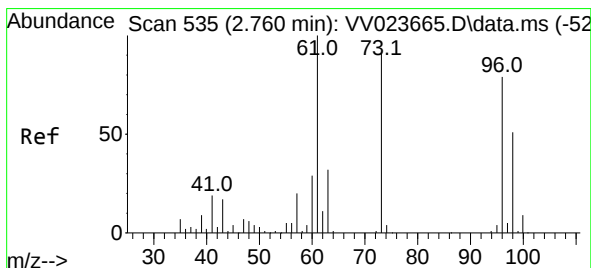
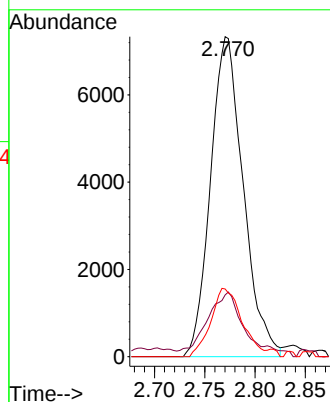
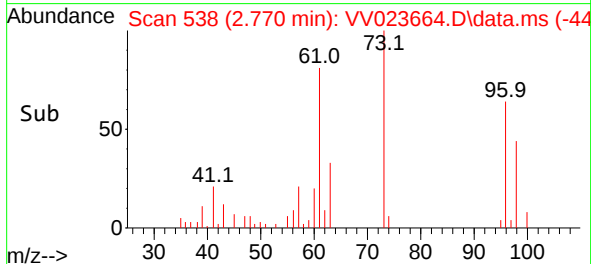


#17
Methyl tert-butyl Ether
Concen: 1.025 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023664.D
Acq: 23 Nov 2021 11:57

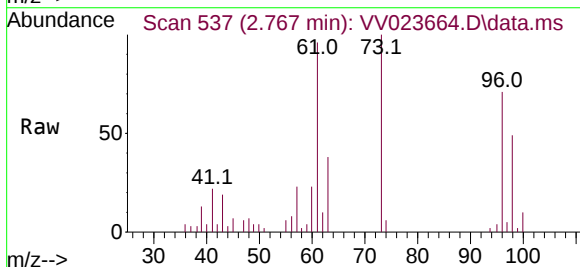
Instrument :
MSVOA_V
ClientSampleId :



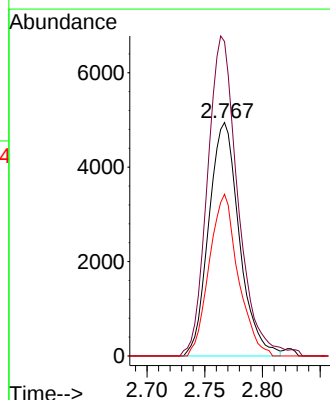
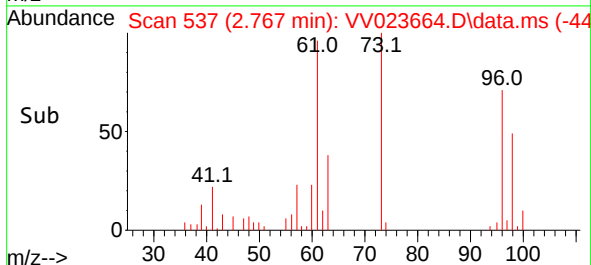
Tgt Ion: 73 Resp: 16581
Ion Ratio Lower Upper
73 100
43 23.5 15.5 23.3#
57 20.3 17.1 25.7

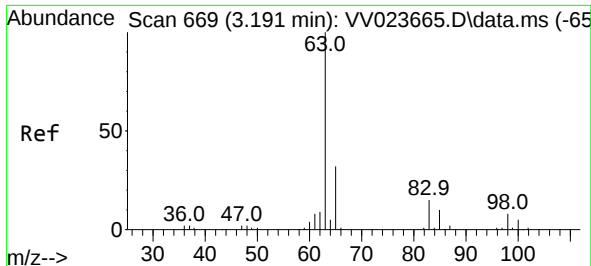


#18
trans-1,2-Dichloroethene
Concen: 1.013 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.007 min
Lab File: VV023664.D
Acq: 23 Nov 2021 11:57



Tgt Ion: 96 Resp: 9104
Ion Ratio Lower Upper
96 100
61 134.6 88.2 163.8
98 69.3 44.9 83.5





#19

1,1-Dichloroethane

Concen: 1.041 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV023664.D

Acq: 23 Nov 2021 11:57

Instrument :

MSVOA_V

ClientSampleId :

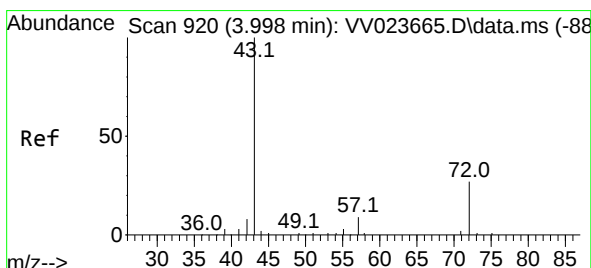
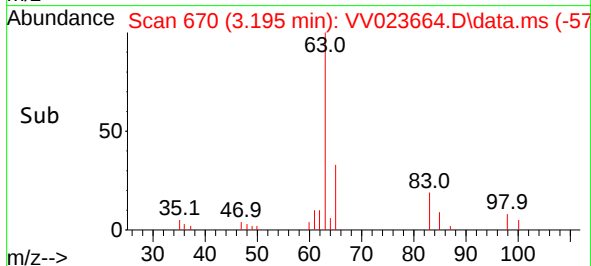
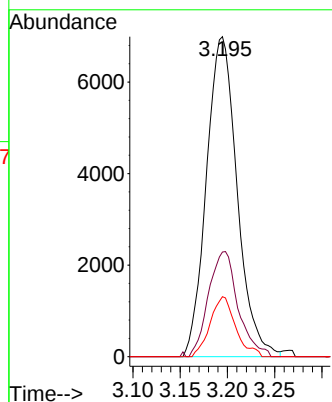
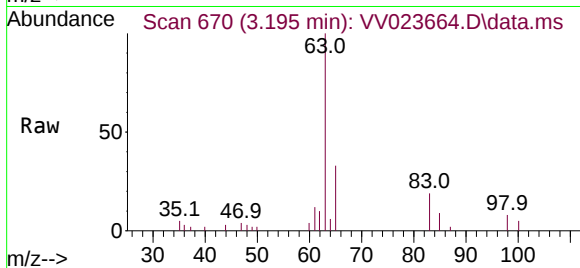
Tgt Ion: 63 Resp: 15792

Ion Ratio Lower Upper

63 100

65 32.7 22.3 41.3

83 18.8 10.7 19.9



#21

2-Butanone

Concen: 1.940 ug/L

RT: 4.018 min Scan# 926

Delta R.T. 0.020 min

Lab File: VV023664.D

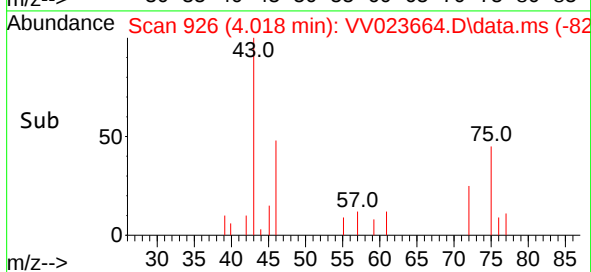
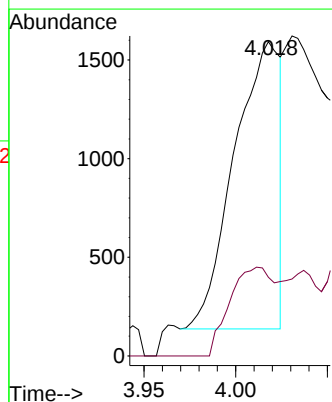
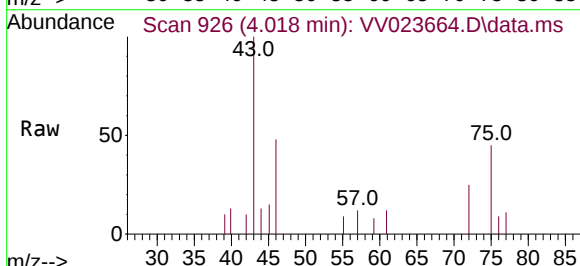
Acq: 23 Nov 2021 11:57

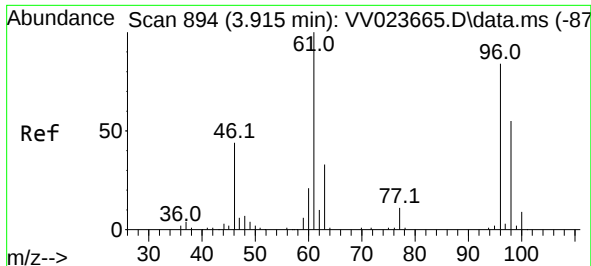
Tgt Ion: 43 Resp: 2527

Ion Ratio Lower Upper

43 100

72 31.6 11.1 33.1





#22

cis-1,2-Dichloroethene

Concen: 0.982 ug/L

RT: 3.918 min Scan# 894

Delta R.T. 0.003 min

Lab File: VV023664.D

Acq: 23 Nov 2021 11:57

Instrument :

MSVOA_V

ClientSampleId :

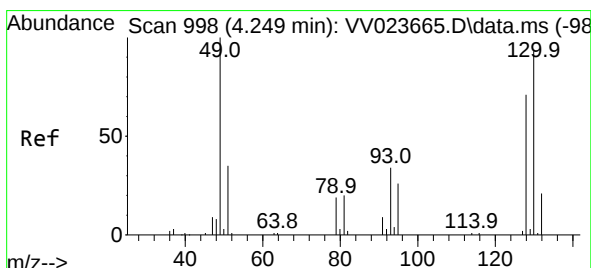
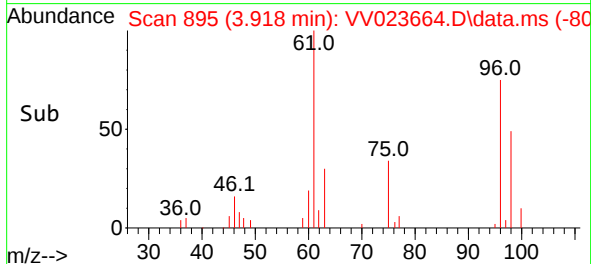
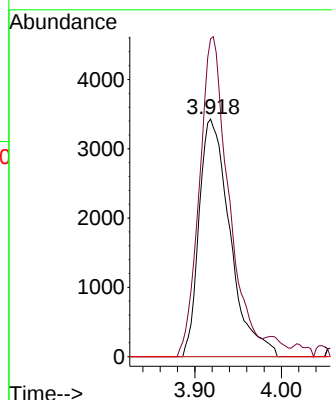
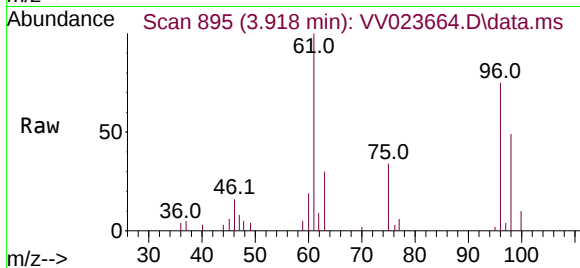
Tgt Ion: 96 Resp: 8528

Ion Ratio Lower Upper

96 100

61 133.8 83.4 154.8

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 1.033 ug/L

RT: 4.256 min Scan# 1000

Delta R.T. 0.007 min

Lab File: VV023664.D

Acq: 23 Nov 2021 11:57

Tgt Ion: 128 Resp: 4133

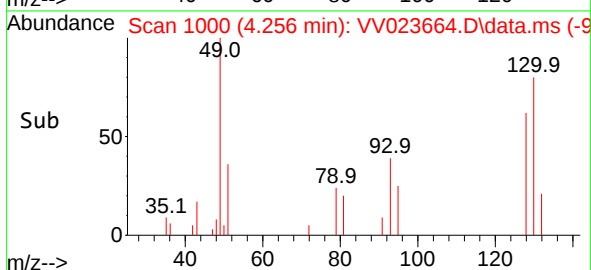
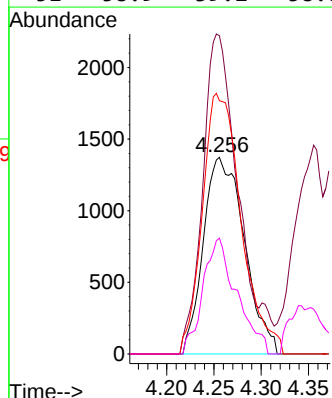
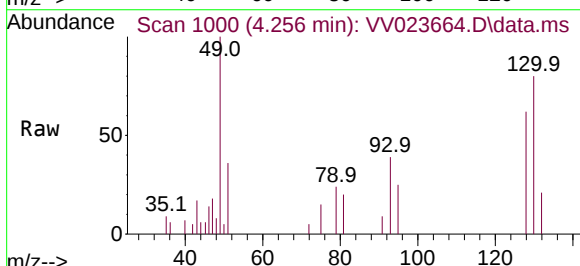
Ion Ratio Lower Upper

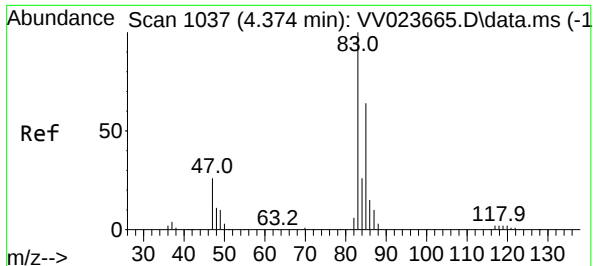
128 100

49 161.8 100.2 186.2

130 128.8 92.5 171.7

51 58.9 39.2 58.8#





#25

Chloroform

Concen: 1.071 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.007 min

Lab File: VV023664.D

Acq: 23 Nov 2021 11:57

Instrument :

MSVOA_V

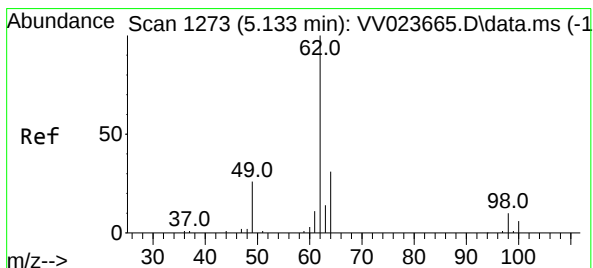
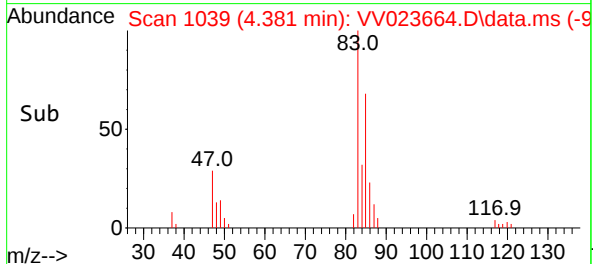
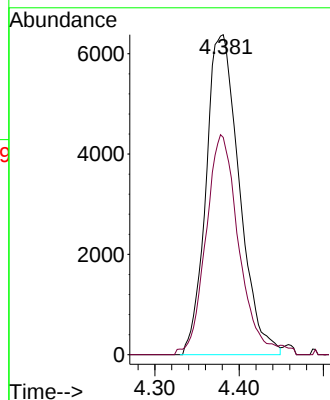
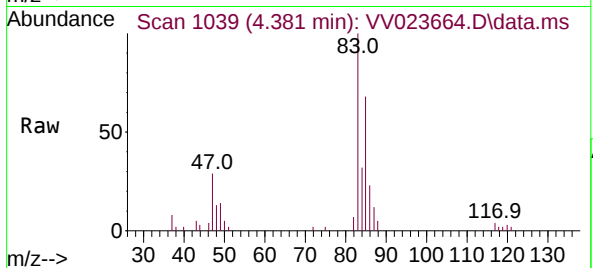
ClientSampleId :

Tgt Ion: 83 Resp: 17547

Ion Ratio Lower Upper

83 100

85 67.9 45.2 84.0



#27

1,2-Dichloroethane

Concen: 1.071 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. 0.007 min

Lab File: VV023664.D

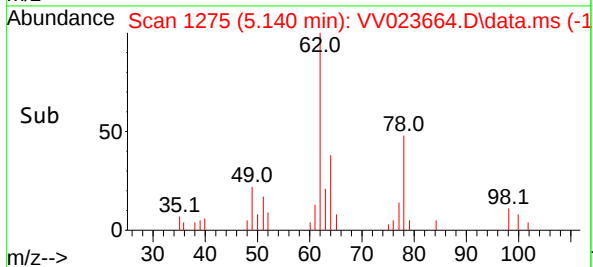
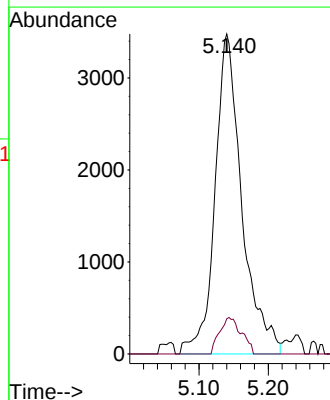
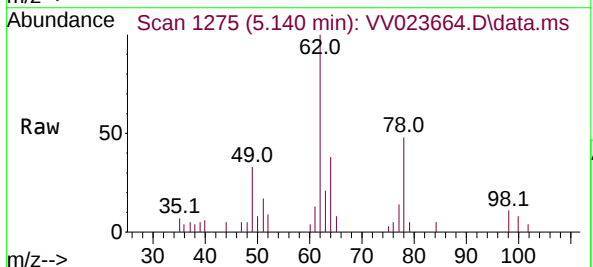
Acq: 23 Nov 2021 11:57

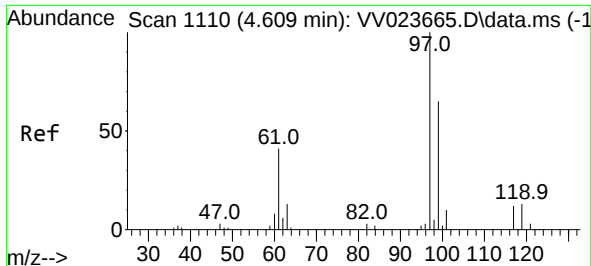
Tgt Ion: 62 Resp: 9363

Ion Ratio Lower Upper

62 100

98 11.0 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 1.064 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VV023664.D

Acq: 23 Nov 2021 11:57

Instrument :

MSVOA_V

ClientSampleId :

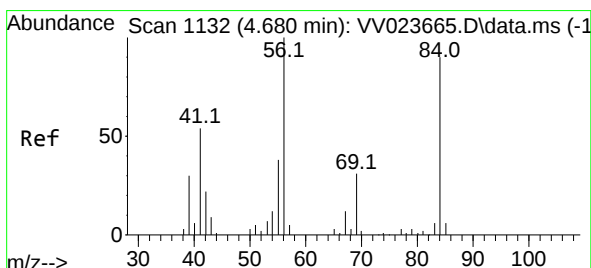
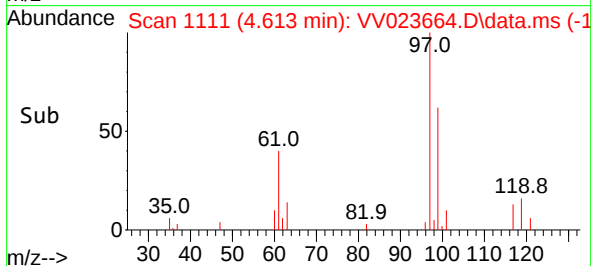
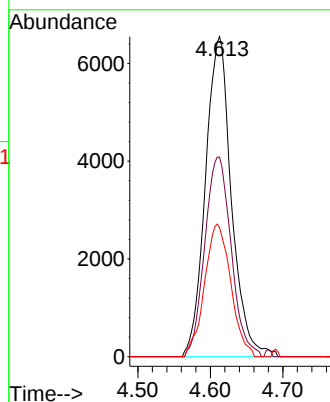
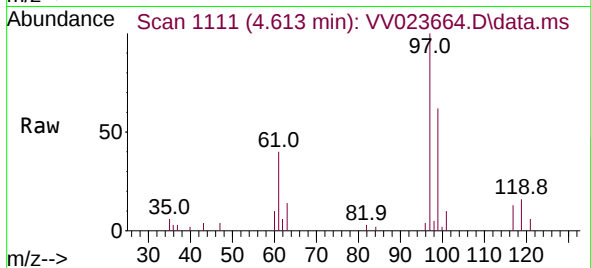
Tgt Ion: 97 Resp: 16336

Ion Ratio Lower Upper

97 100

99 63.4 51.9 77.9

61 41.7 33.2 49.8



#30

Cyclohexane

Concen: 0.892 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. 0.003 min

Lab File: VV023664.D

Acq: 23 Nov 2021 11:57

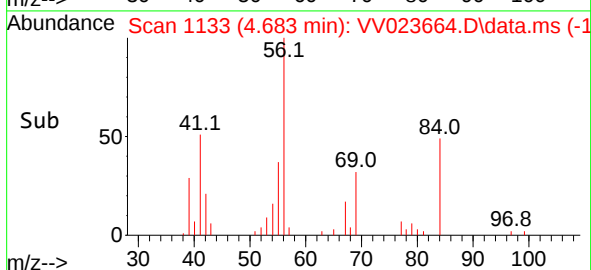
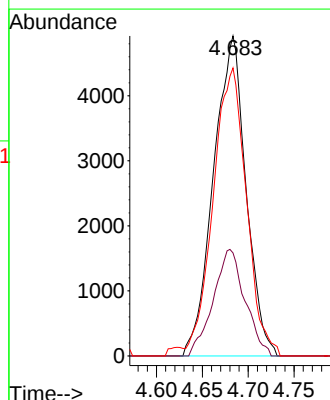
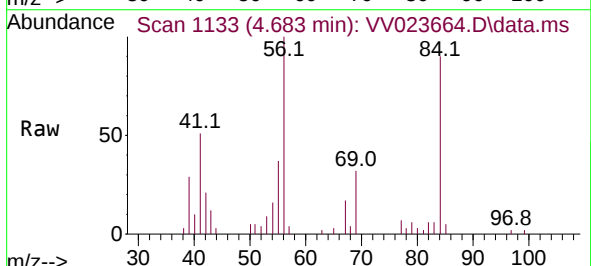
Tgt Ion: 56 Resp: 12129

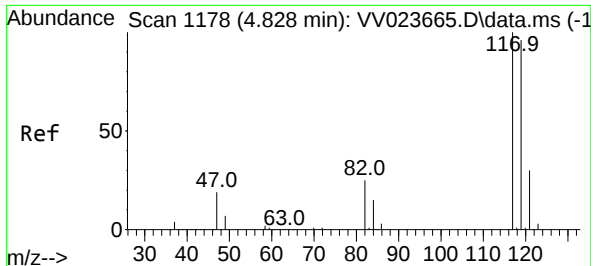
Ion Ratio Lower Upper

56 100

69 32.5 24.8 37.2

84 91.8 75.9 113.9

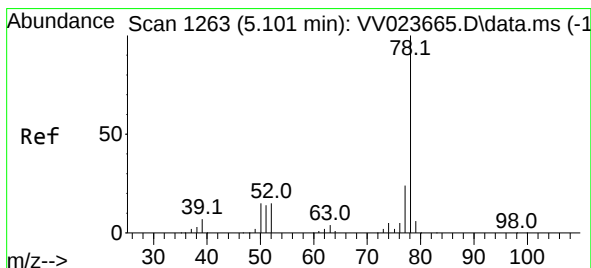
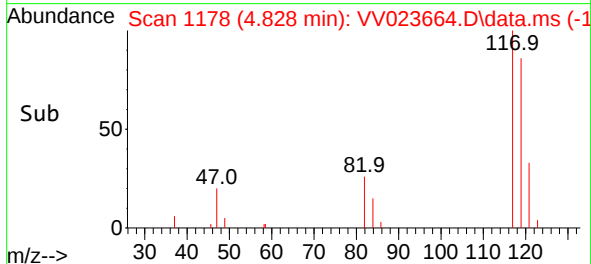
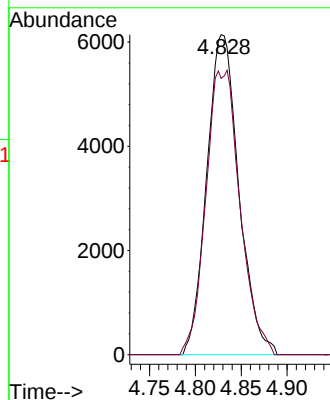
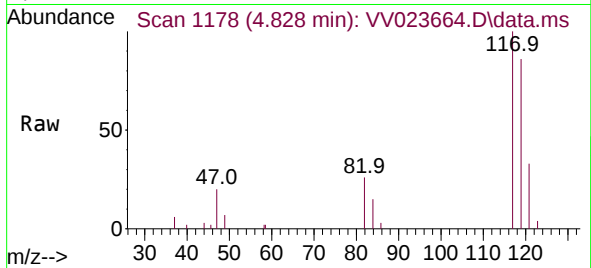




#31
Carbon tetrachloride
Concen: 1.081 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV023664.D
Acq: 23 Nov 2021 11:57

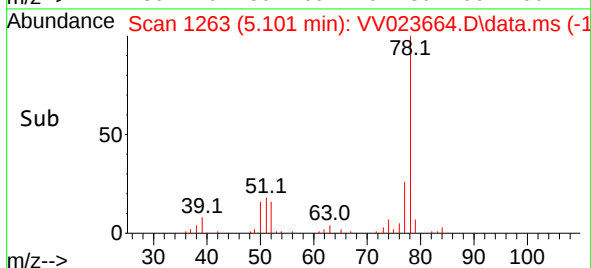
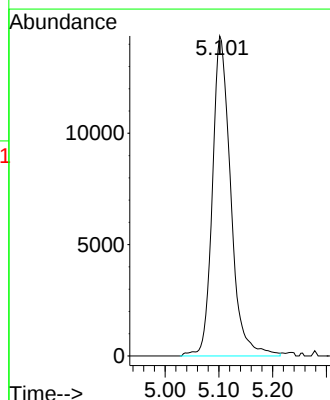
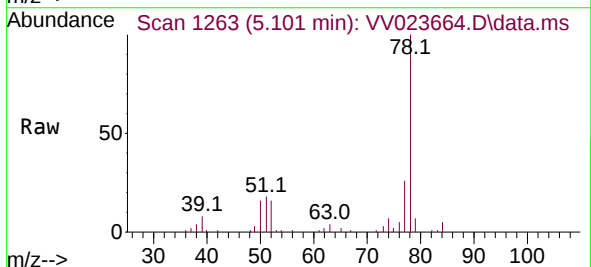
Instrument :
MSVOA_V
ClientSampleId :

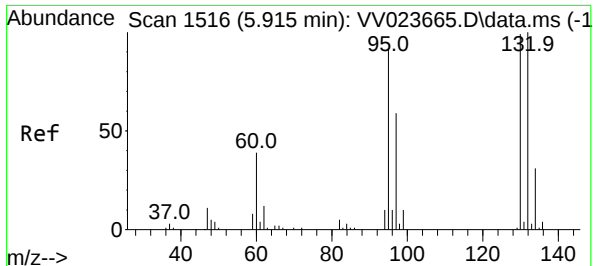
Tgt Ion:117 Resp: 15001
Ion Ratio Lower Upper
117 100
119 94.0 76.6 114.8



#33
Benzene
Concen: 0.977 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV023664.D
Acq: 23 Nov 2021 11:57

Tgt Ion: 78 Resp: 34044

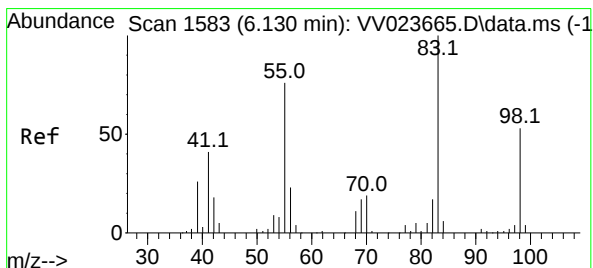
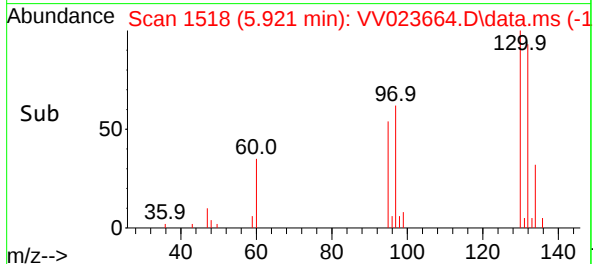
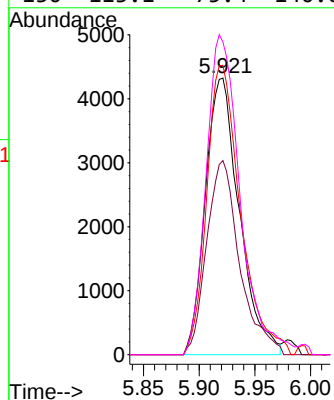
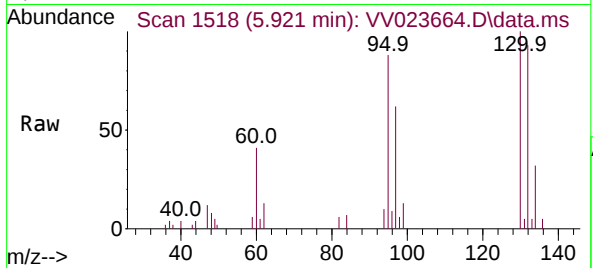




#34
Trichloroethene
Concen: 0.983 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.007 min
Lab File: VV023664.D
Acq: 23 Nov 2021 11:57

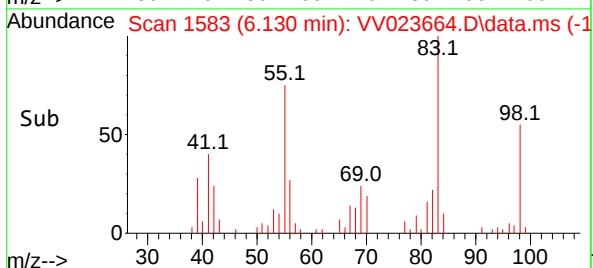
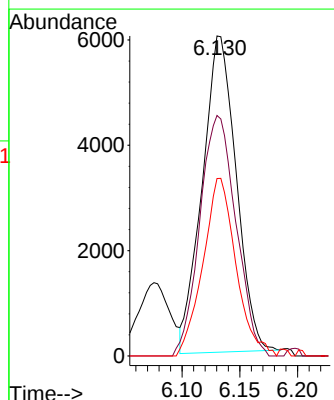
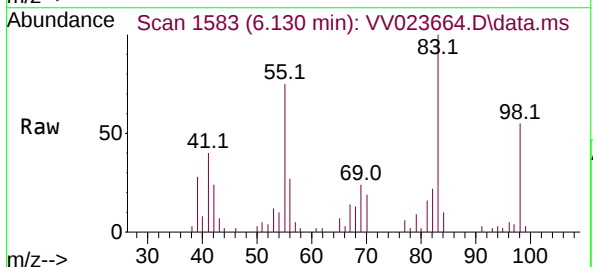
Instrument :
MSVOA_V
ClientSampleId :

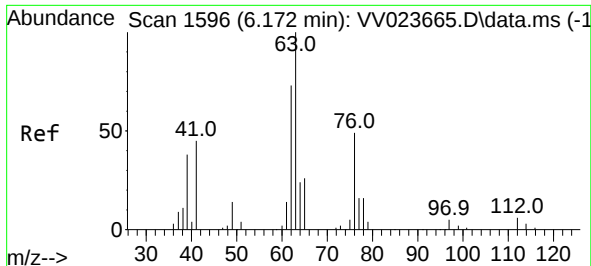
Tgt Ion: 95 Resp: 9177
Ion Ratio Lower Upper
95 100
97 70.2 45.2 84.0
132 104.7 76.1 141.3
130 113.1 75.4 140.0



#35
Methylcyclohexane
Concen: 0.833 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV023664.D
Acq: 23 Nov 2021 11:57

Tgt Ion: 83 Resp: 12268
Ion Ratio Lower Upper
83 100
55 81.0 60.2 90.2
98 54.7 41.0 61.4





#37

1,2-Dichloropropane

Concen: 1.015 ug/L

RT: 6.178 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV023664.D

Acq: 23 Nov 2021 11:57

Instrument :

MSVOA_V

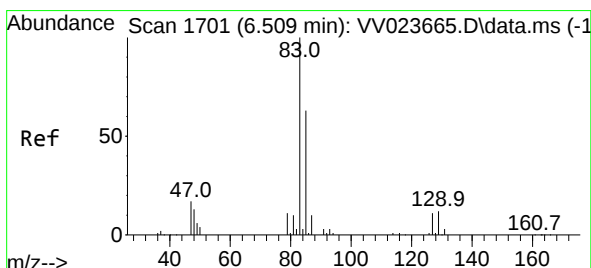
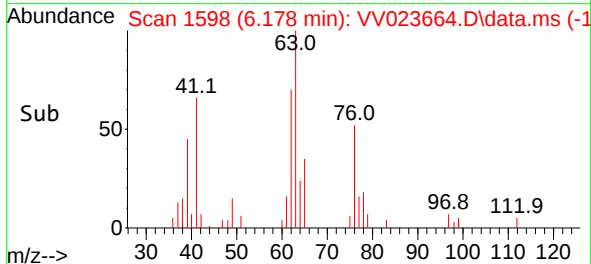
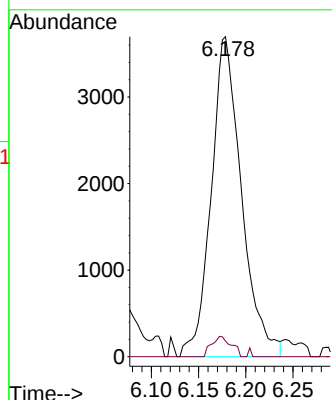
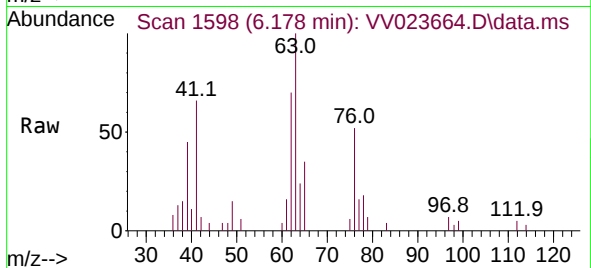
ClientSampleId :

Tgt Ion: 63 Resp: 8238

Ion Ratio Lower Upper

63 100

112 4.1 4.3 6.5#



#38

Bromodichloromethane

Concen: 1.027 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.003 min

Lab File: VV023664.D

Acq: 23 Nov 2021 11:57

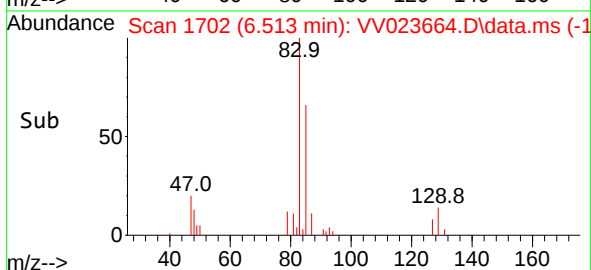
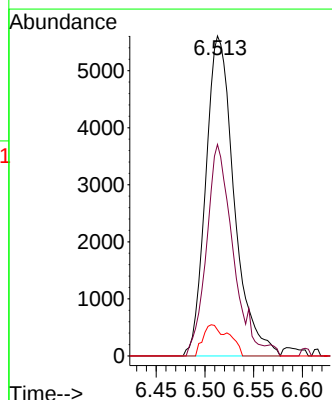
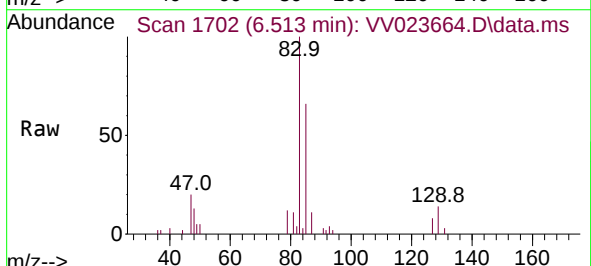
Tgt Ion: 83 Resp: 11358

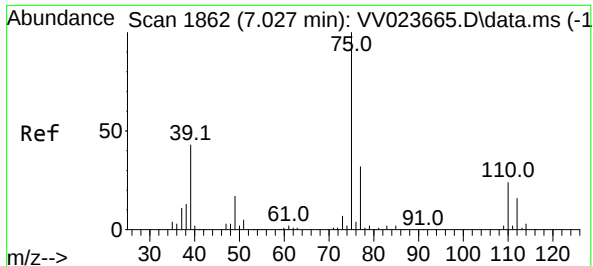
Ion Ratio Lower Upper

83 100

85 66.1 44.0 81.8

127 8.1 8.6 12.8#





#39

cis-1,3-Dichloropropene

Concen: 0.925 ug/L

RT: 7.034 min Scan# 1864

Delta R.T. 0.007 min

Lab File: VV023664.D

Acq: 23 Nov 2021 11:57

Instrument :

MSVOA_V

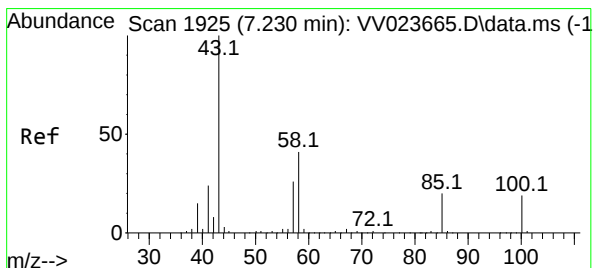
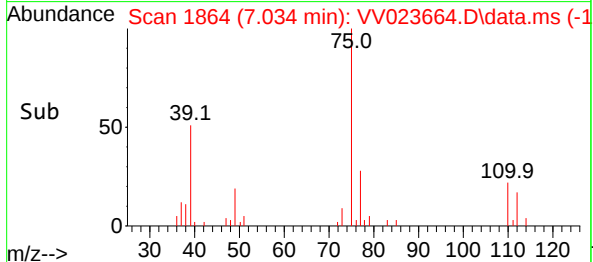
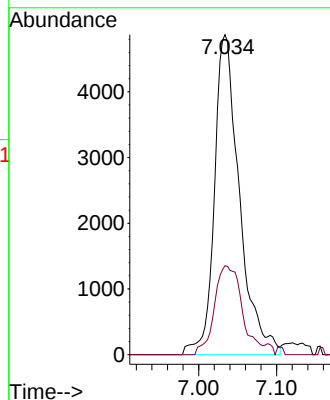
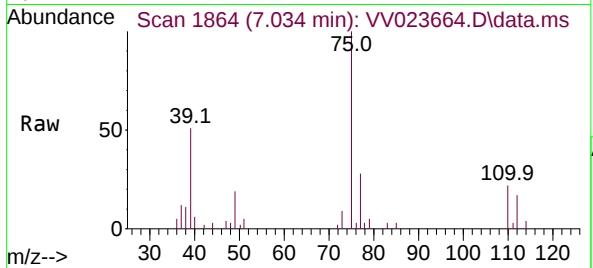
ClientSampleId :

Tgt Ion: 75 Resp: 10882

Ion Ratio Lower Upper

75 100

77 27.8 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 7.948 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.003 min

Lab File: VV023664.D

Acq: 23 Nov 2021 11:57

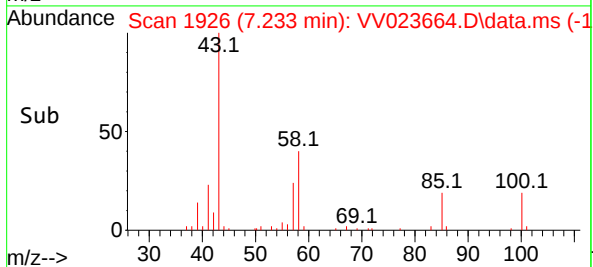
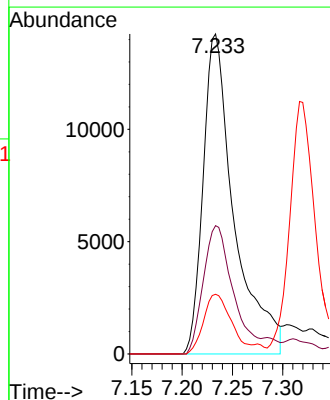
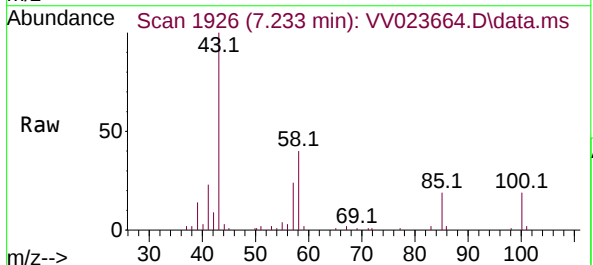
Tgt Ion: 43 Resp: 30558

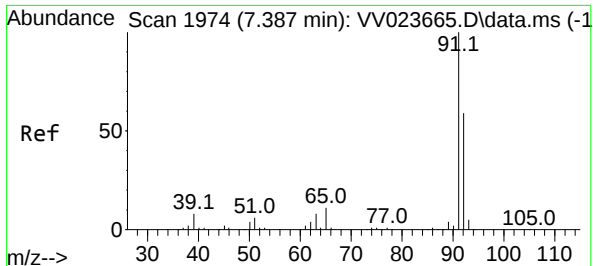
Ion Ratio Lower Upper

43 100

58 38.4 32.3 48.5

100 16.8 13.0 19.6

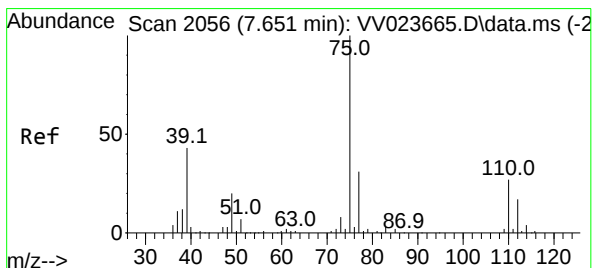
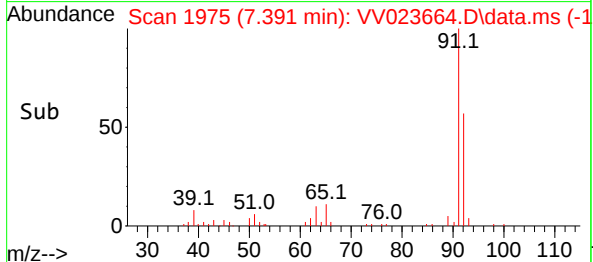
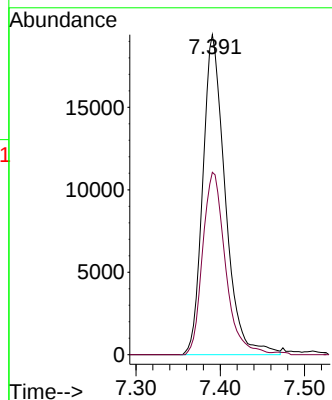
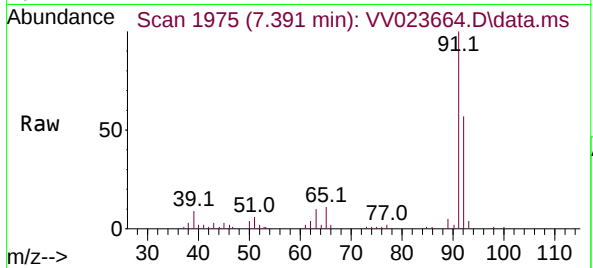




#42
Toluene
Concen: 0.954 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV023664.D
Acq: 23 Nov 2021 11:57

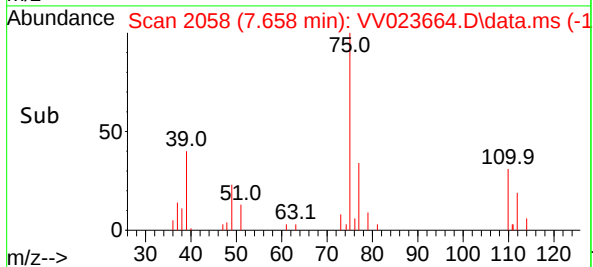
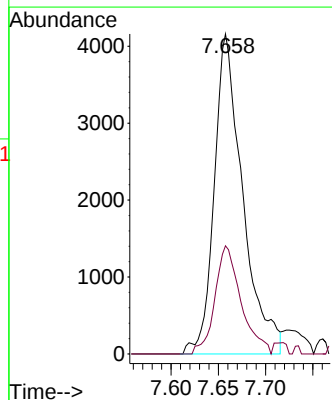
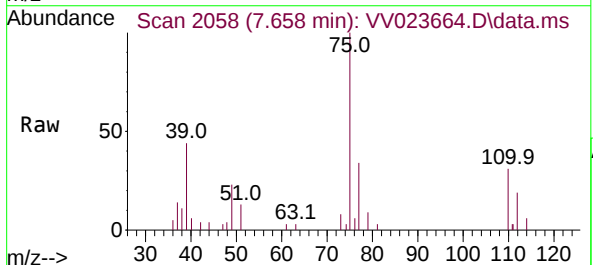
Instrument :
MSVOA_V
ClientSampleId :

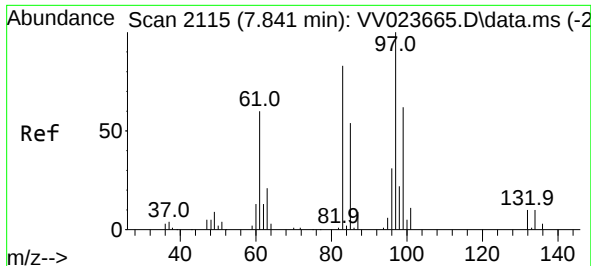
Tgt Ion: 91 Resp: 35864
Ion Ratio Lower Upper
91 100
92 57.0 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 0.894 ug/L
RT: 7.658 min Scan# 2058
Delta R.T. 0.007 min
Lab File: VV023664.D
Acq: 23 Nov 2021 11:57

Tgt Ion: 75 Resp: 8704
Ion Ratio Lower Upper
75 100
77 33.8 21.8 40.4

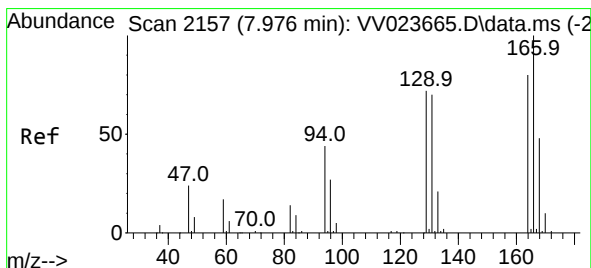
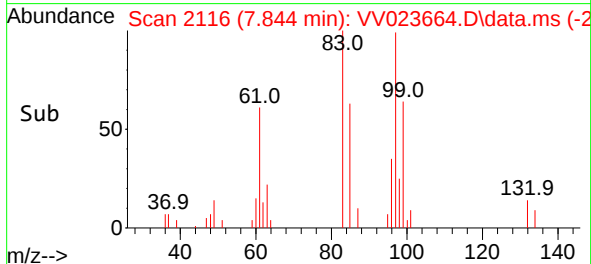
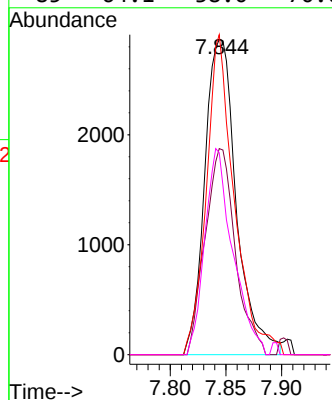
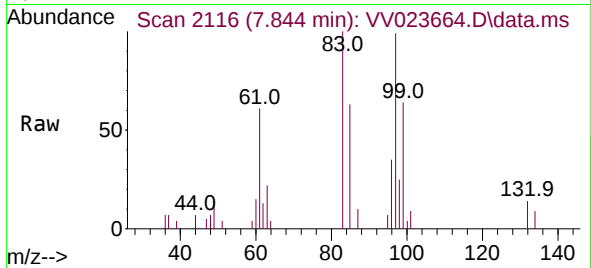




#45
1,1,2-Trichloroethane
Concen: 0.958 ug/L
RT: 7.844 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV023664.D
Acq: 23 Nov 2021 11:57

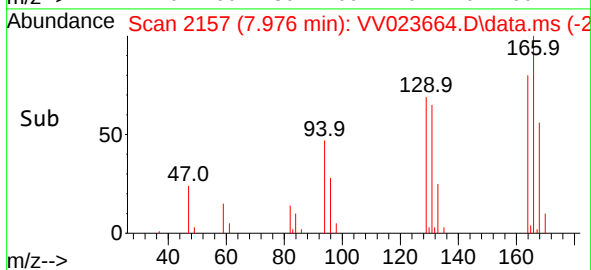
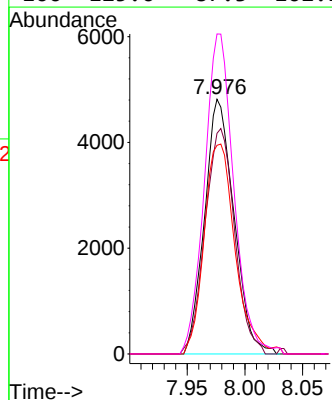
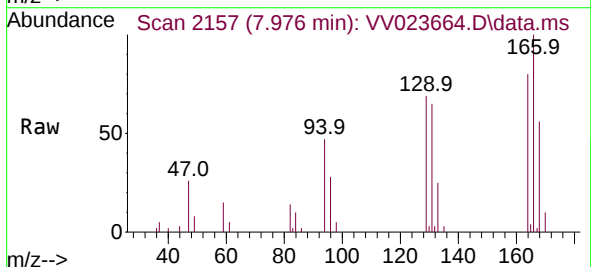
Instrument :
MSVOA_V
ClientSampleId :

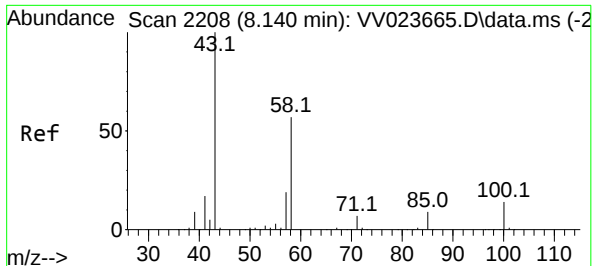
Tgt Ion: 97	Resp: 5675
Ion Ratio	Lower Upper
97 100	
99 65.3	43.1 80.1
83 101.5	57.9 107.5
85 64.1	38.0 70.6



#47
Tetrachloroethene
Concen: 1.045 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV023664.D
Acq: 23 Nov 2021 11:57

Tgt Ion: 164	Resp: 8523
Ion Ratio	Lower Upper
164 100	
129 86.6	62.6 116.2
131 81.9	61.0 113.4
166 125.6	87.3 162.1

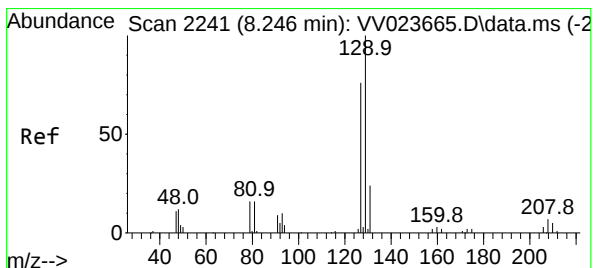
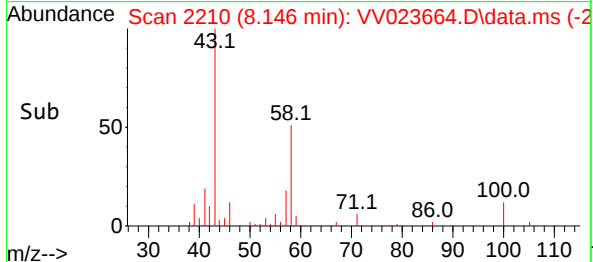
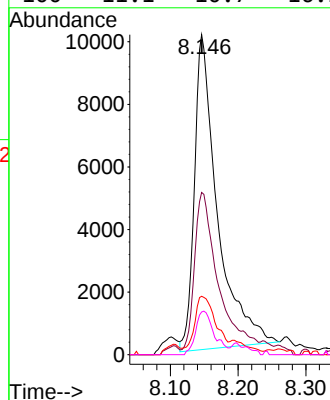
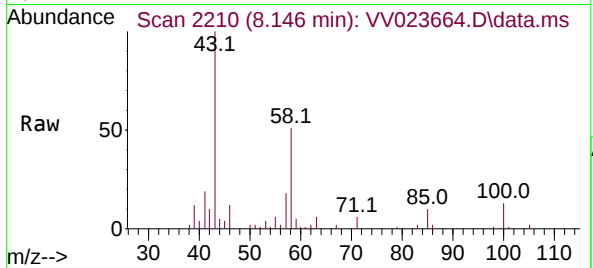




#48
2-Hexanone
Concen: 8.890 ug/L
RT: 8.146 min Scan# 2110
Delta R.T. 0.007 min
Lab File: VV023664.D
Acq: 23 Nov 2021 11:57

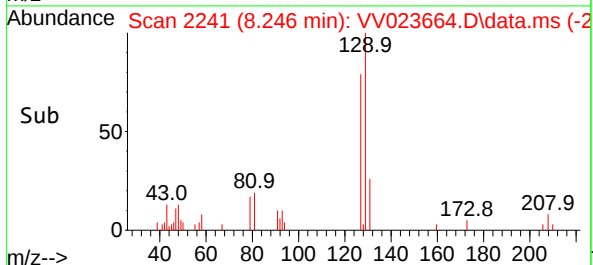
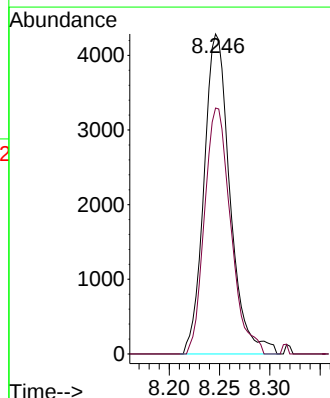
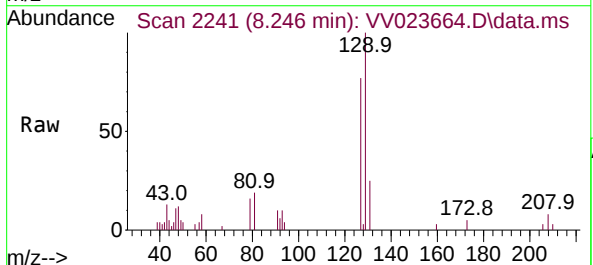
Instrument :
MSVOA_V
ClientSampleId :

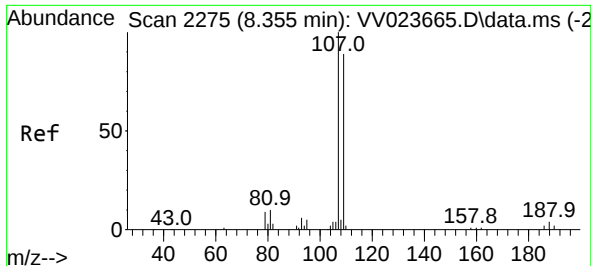
Tgt Ion: 43 Resp: 23775
Ion Ratio Lower Upper
43 100
58 51.2 44.5 66.7
57 14.7 15.1 22.7#
100 11.1 10.7 16.1



#49
Dibromochloromethane
Concen: 1.021 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV023664.D
Acq: 23 Nov 2021 11:57

Tgt Ion: 129 Resp: 7708
Ion Ratio Lower Upper
129 100
127 76.9 53.5 99.3





#50

1,2-Dibromoethane

Concen: 0.975 ug/L

RT: 8.358 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV023664.D

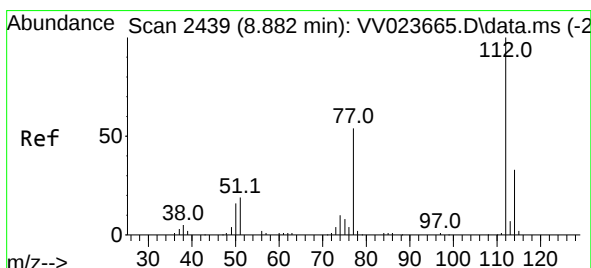
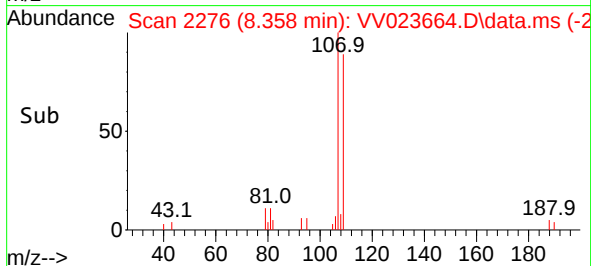
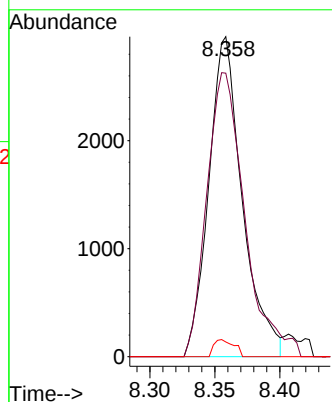
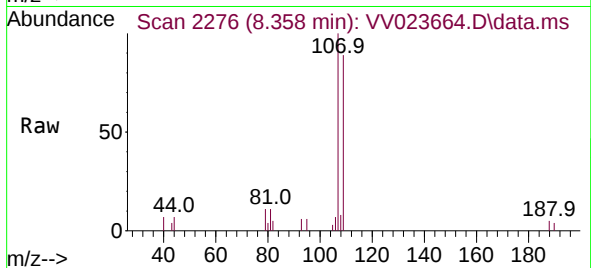
Acq: 23 Nov 2021 11:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	5323
Ion Ratio	Lower	Upper
107	100	
109	88.6	62.5 116.1
188	4.6	3.4 5.2



#51

Chlorobenzene

Concen: 0.988 ug/L

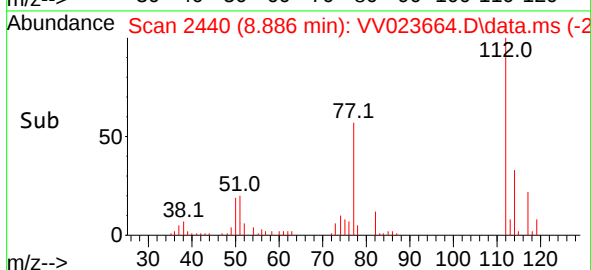
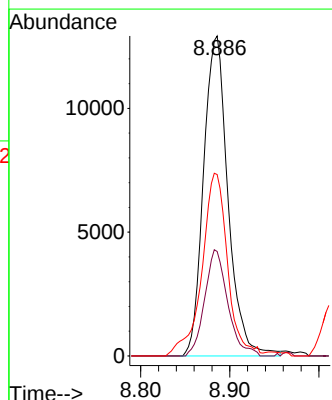
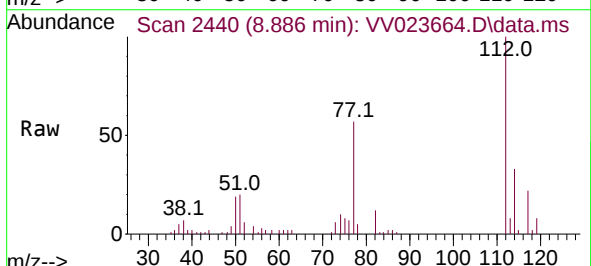
RT: 8.886 min Scan# 2440

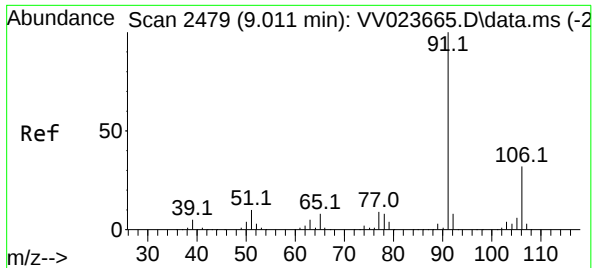
Delta R.T. 0.003 min

Lab File: VV023664.D

Acq: 23 Nov 2021 11:57

Tgt Ion:112	Resp:	24647
Ion Ratio	Lower	Upper
112	100	
114	32.6	23.3 43.3
77	56.7	43.3 64.9

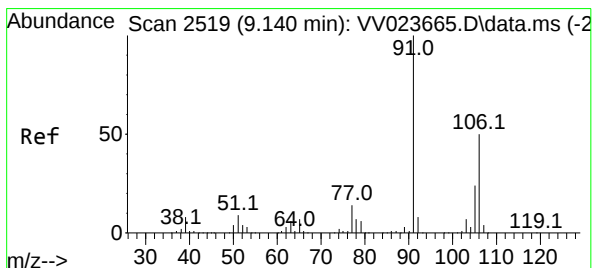
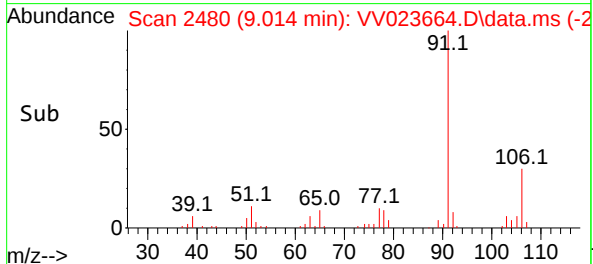
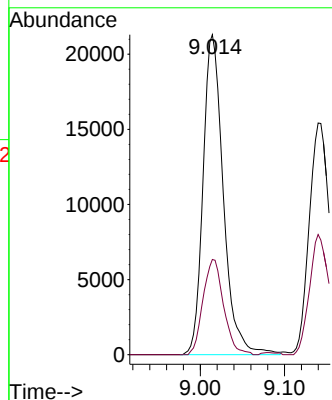
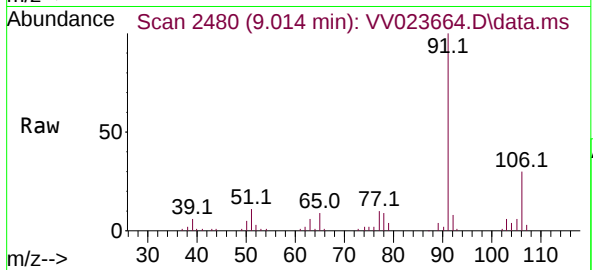




#52
Ethylbenzene
Concen: 0.900 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV023664.D
Acq: 23 Nov 2021 11:57

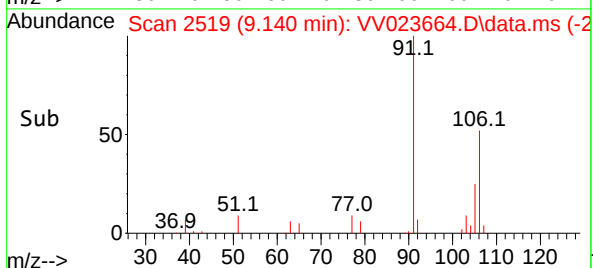
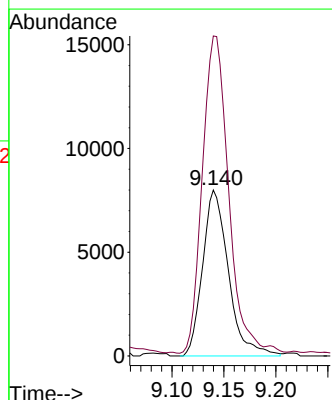
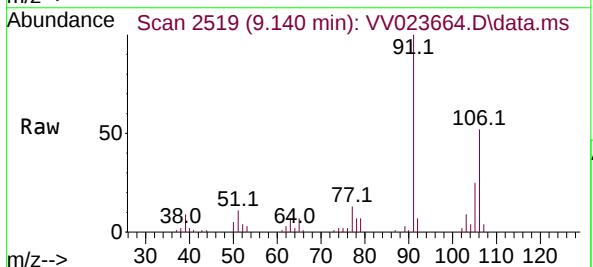
Instrument :
MSVOA_V
ClientSampleId :

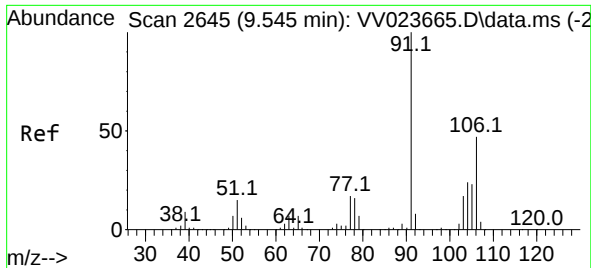
Tgt Ion: 91 Resp: 35719
Ion Ratio Lower Upper
91 100
106 29.7 22.0 41.0



#53
m,p-xylene
Concen: 0.879 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV023664.D
Acq: 23 Nov 2021 11:57

Tgt Ion: 106 Resp: 13794
Ion Ratio Lower Upper
106 100
91 192.8 139.5 259.1

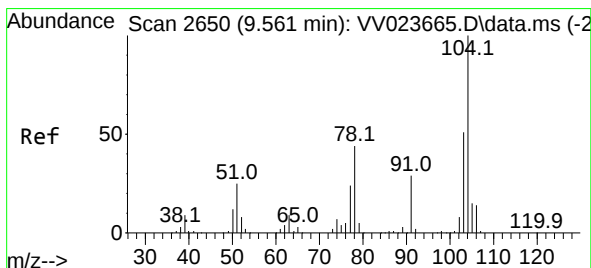
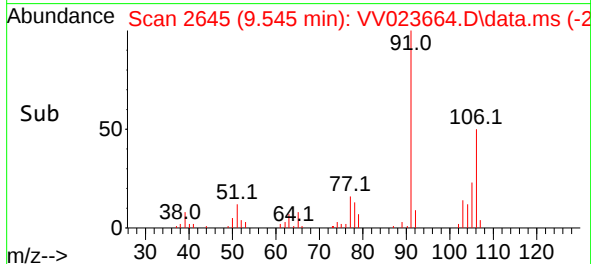
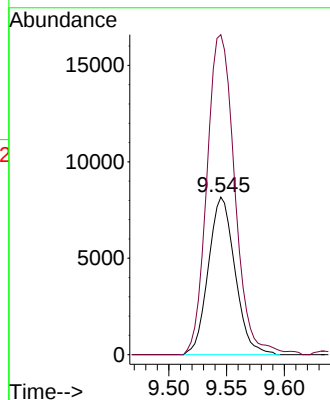
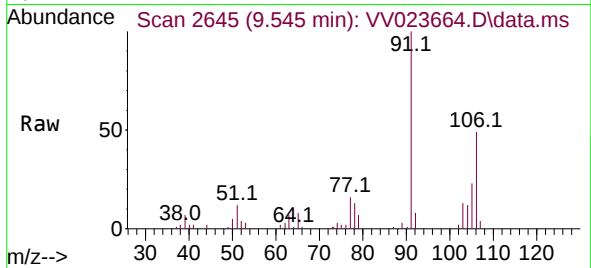




#54
o-xylene
Concen: 0.897 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV023664.D
Acq: 23 Nov 2021 11:57

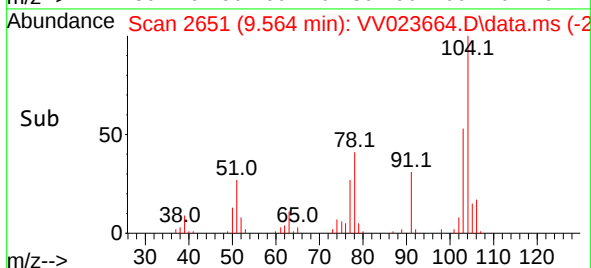
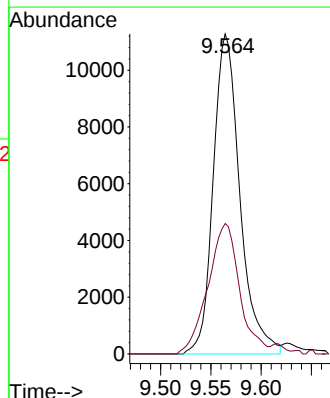
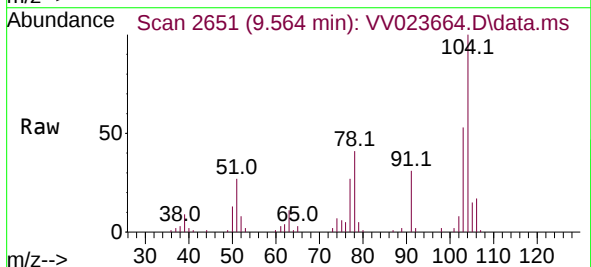
Instrument :
MSVOA_V
ClientSampleId :

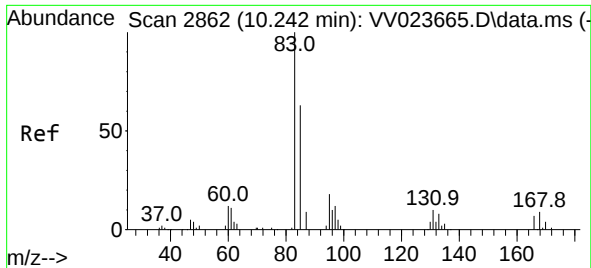
Tgt Ion:106 Resp: 13123
Ion Ratio Lower Upper
106 100
91 203.1 147.9 274.7



#55
Styrene
Concen: 0.826 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV023664.D
Acq: 23 Nov 2021 11:57

Tgt Ion:104 Resp: 20790
Ion Ratio Lower Upper
104 100
78 40.8 31.0 57.6

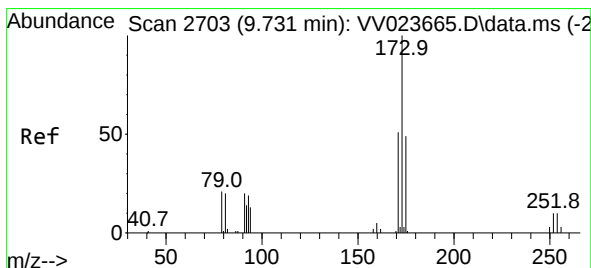
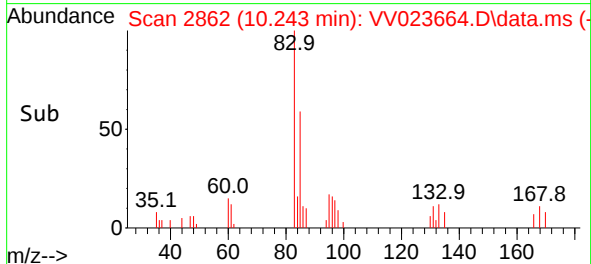
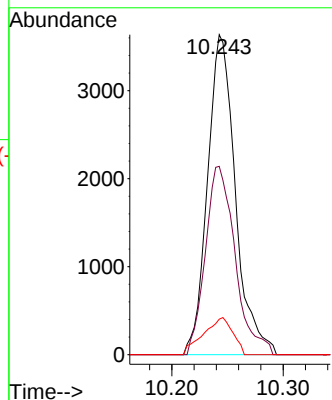
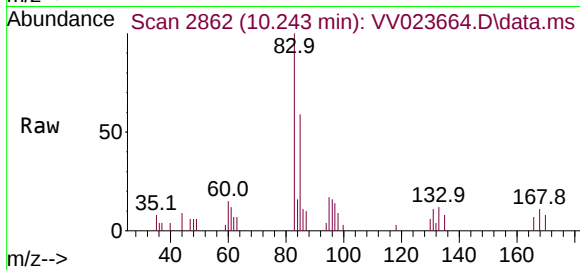




#57
 1,1,2,2-Tetrachloroethane
 Concen: 0.982 ug/L
 RT: 10.243 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023664.D
 Acq: 23 Nov 2021 11:57

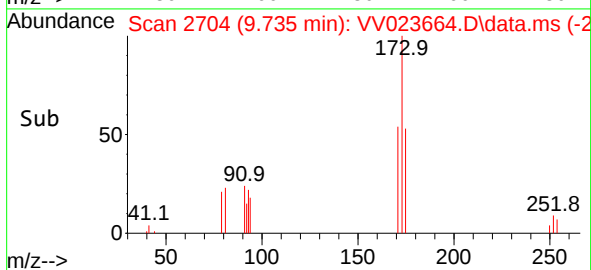
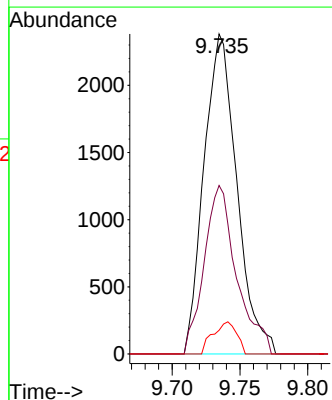
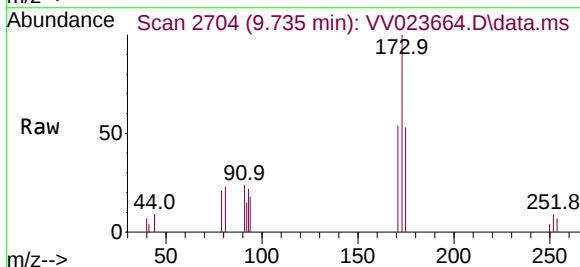
Instrument :
 MSVOA_V
 ClientSampleId :

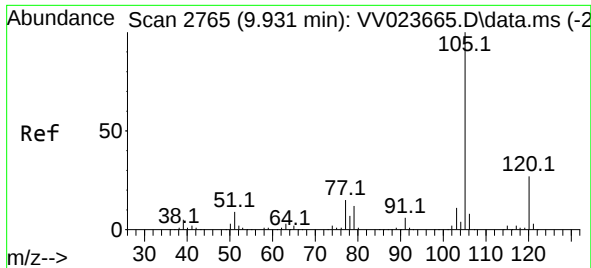
Tgt Ion: 83	Resp: 6322
Ion Ratio	Lower Upper
83 100	
85 58.9	44.6 82.8
131 11.1	8.3 12.5



#59
 Bromoform
 Concen: 1.036 ug/L
 RT: 9.735 min Scan# 2704
 Delta R.T. 0.003 min
 Lab File: VV023664.D
 Acq: 23 Nov 2021 11:57

Tgt Ion: 173	Resp: 4016
Ion Ratio	Lower Upper
173 100	
175 51.9	39.4 59.2
254 7.3	7.4 11.0

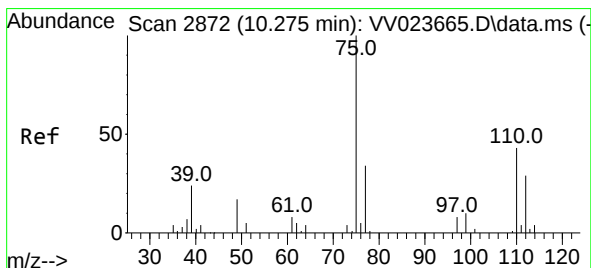
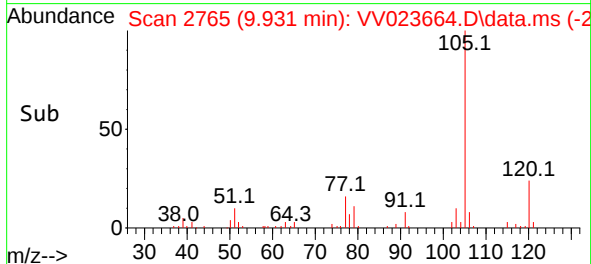
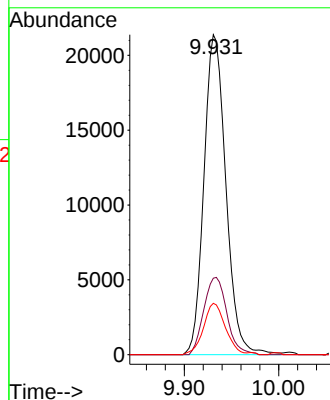
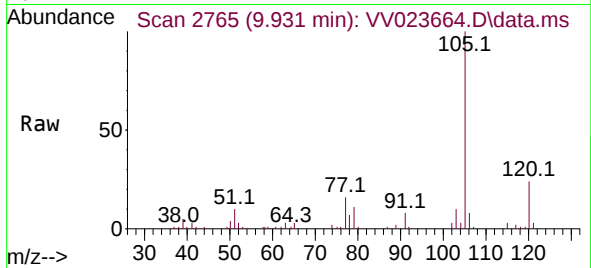




#60
Isopropylbenzene
Concen: 0.935 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV023664.D
Acq: 23 Nov 2021 11:57

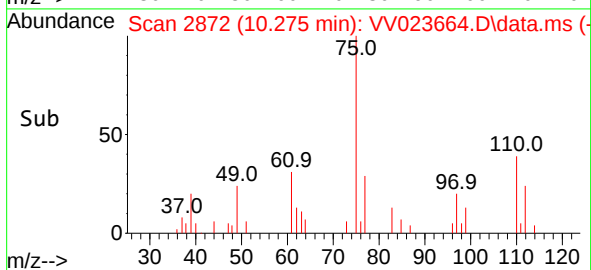
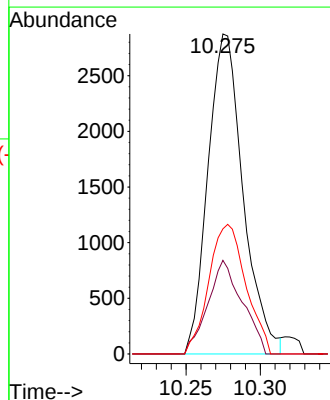
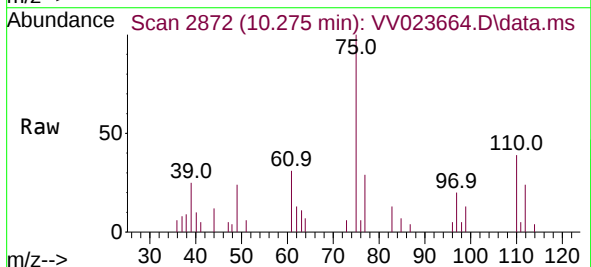
Instrument :
MSVOA_V
ClientSampleId :

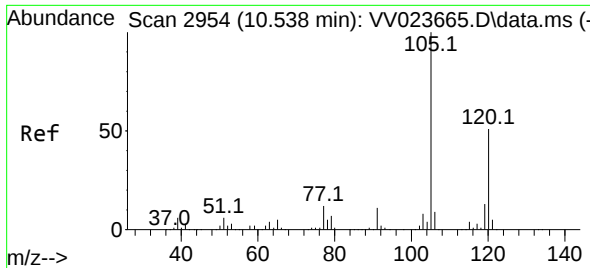
Tgt Ion:105 Resp: 34524
Ion Ratio Lower Upper
105 100
120 25.4 21.4 32.0
77 16.0 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 1.115 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV023664.D
Acq: 23 Nov 2021 11:57

Tgt Ion: 75 Resp: 4730
Ion Ratio Lower Upper
75 100
77 28.5 26.4 39.6
110 42.7 34.2 51.2

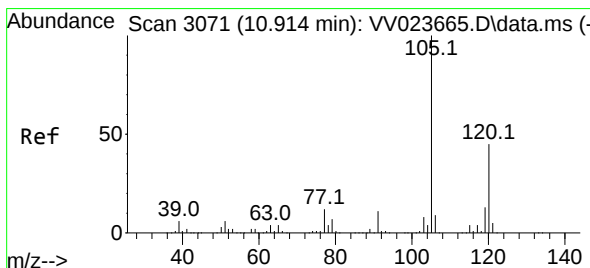
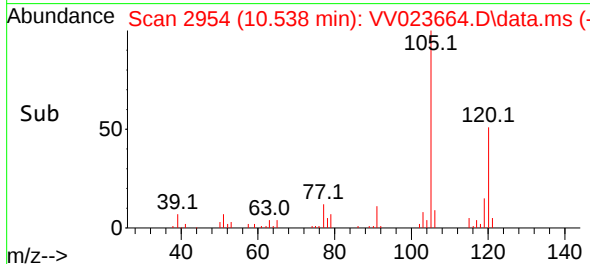
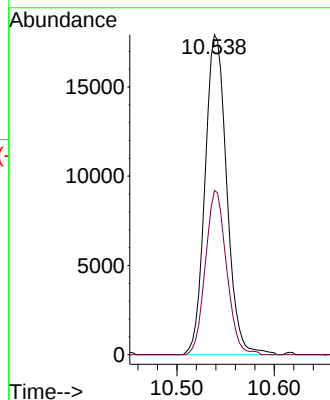
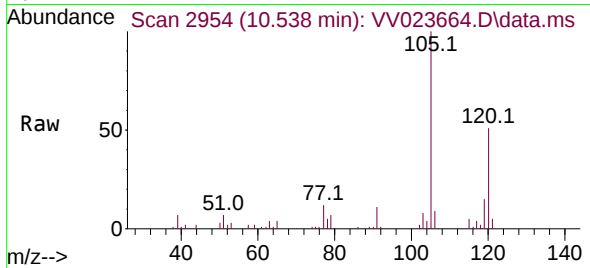




#62
 1,3,5-Trimethylbenzene
 Concen: 0.905 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV023664.D
 Acq: 23 Nov 2021 11:57

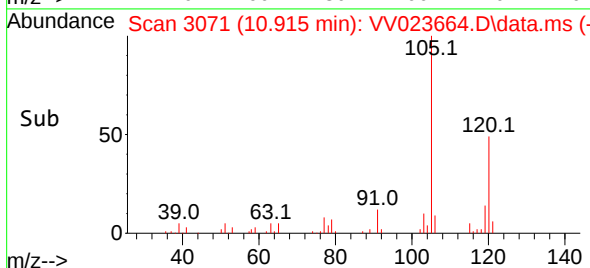
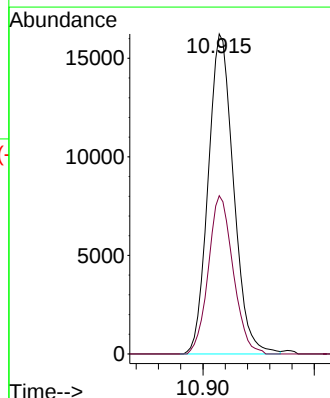
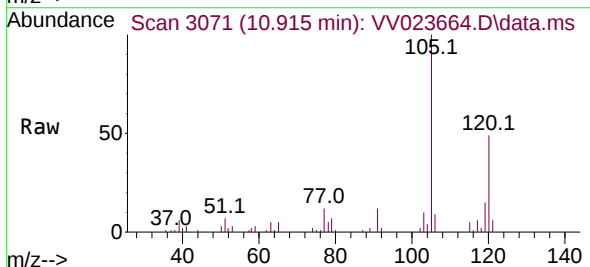
Instrument :
 MSVOA_V
 ClientSampleId :

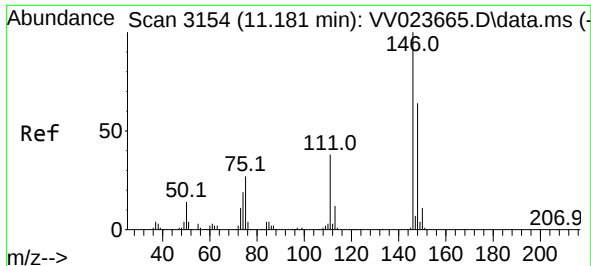
Tgt Ion:105 Resp: 27754
 Ion Ratio Lower Upper
 105 100
 120 50.0 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 0.841 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV023664.D
 Acq: 23 Nov 2021 11:57

Tgt Ion:105 Resp: 25653
 Ion Ratio Lower Upper
 105 100
 120 48.2 36.7 55.1

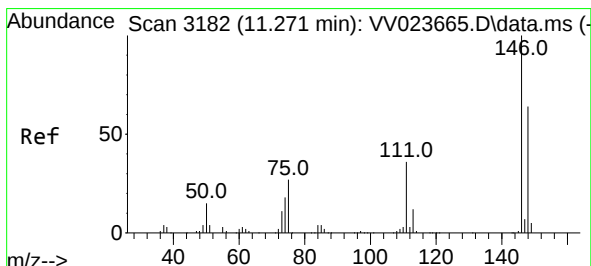
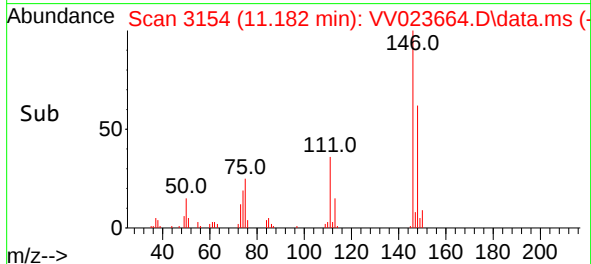
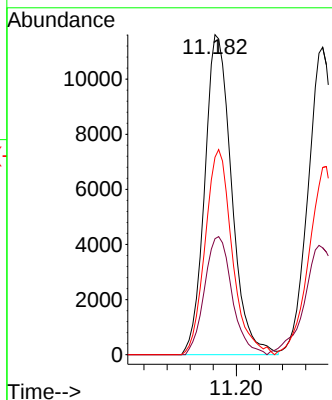
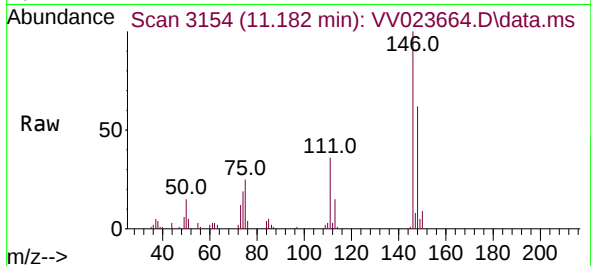




#64
1,3-Dichlorobenzene
Concen: 1.000 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV023664.D
Acq: 23 Nov 2021 11:57

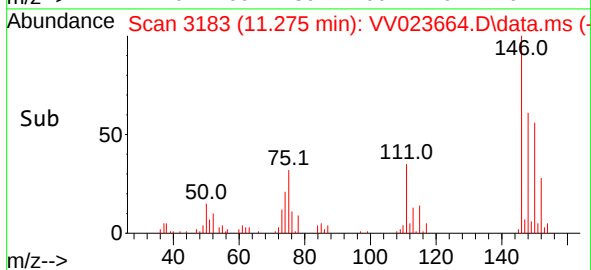
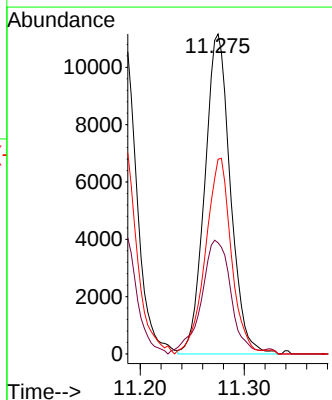
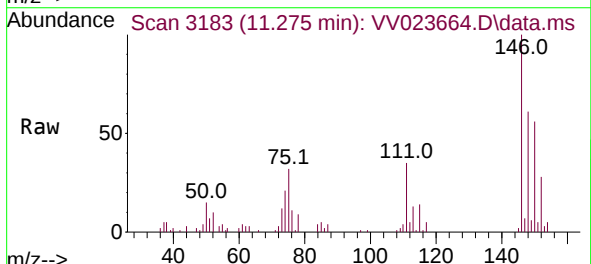
Instrument :
MSVOA_V
ClientSampleId :

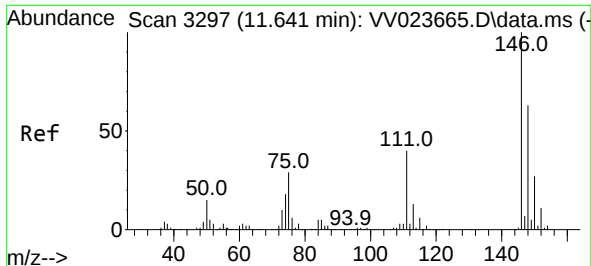
Tgt Ion:146 Resp: 18795
Ion Ratio Lower Upper
146 100
111 36.2 26.3 48.9
148 61.7 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 1.000 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV023664.D
Acq: 23 Nov 2021 11:57

Tgt Ion:146 Resp: 19140
Ion Ratio Lower Upper
146 100
111 34.8 25.6 47.6
148 60.9 44.8 83.2

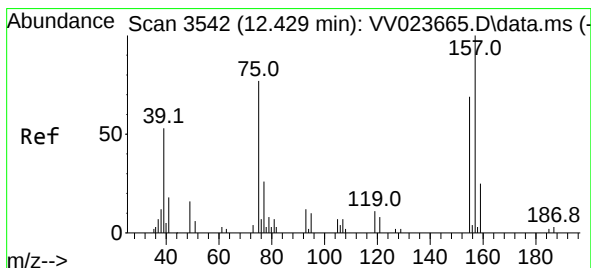
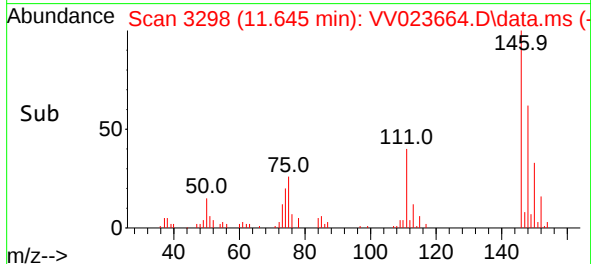
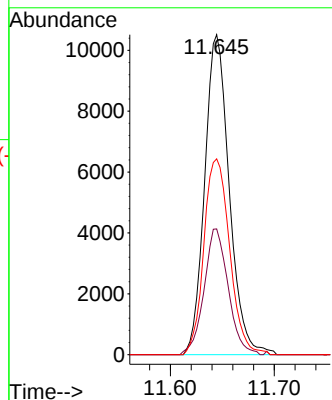
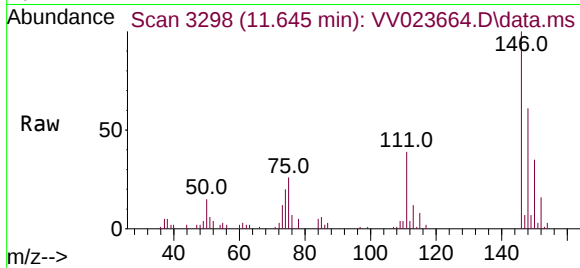




#67
1,2-Dichlorobenzene
Concen: 1.024 ug/L
RT: 11.645 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV023664.D
Acq: 23 Nov 2021 11:57

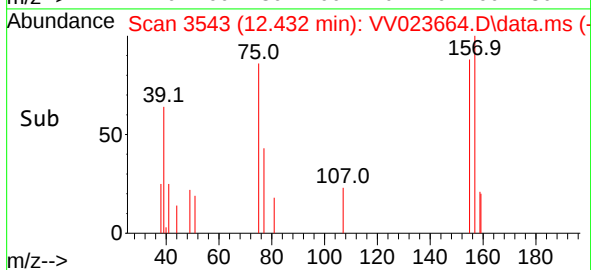
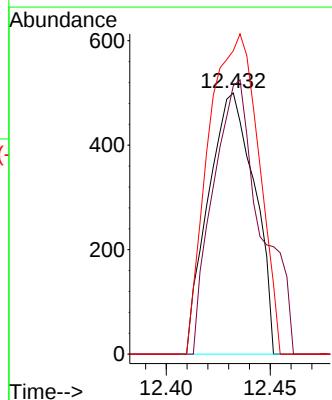
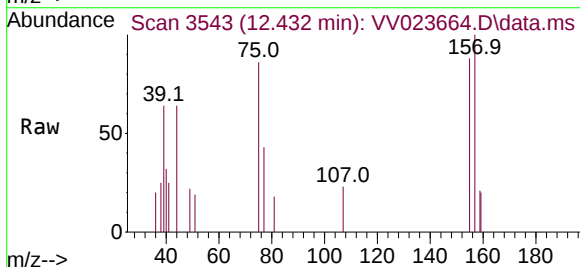
Instrument :
MSVOA_V
ClientSampleId :

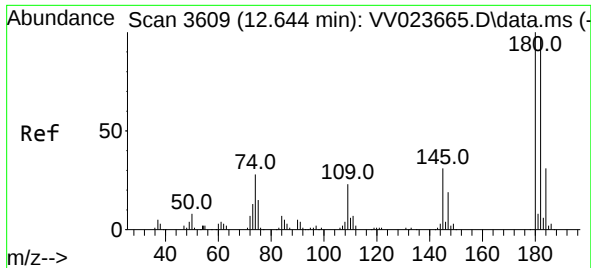
Tgt Ion:146 Resp: 17307
Ion Ratio Lower Upper
146 100
111 39.3 31.9 47.9
148 61.2 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 0.859 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV023664.D
Acq: 23 Nov 2021 11:57

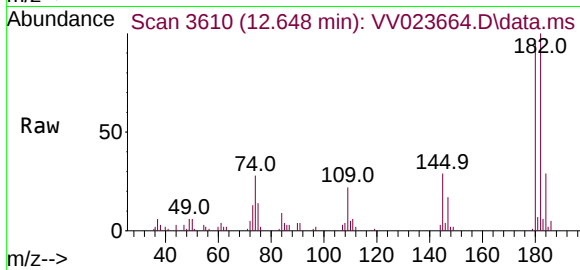
Tgt Ion: 75 Resp: 773
Ion Ratio Lower Upper
75 100
155 102.8 71.7 107.5
157 116.2 103.3 154.9



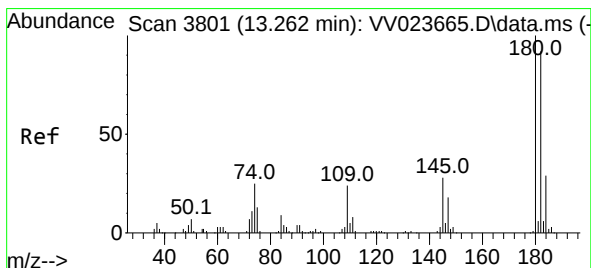
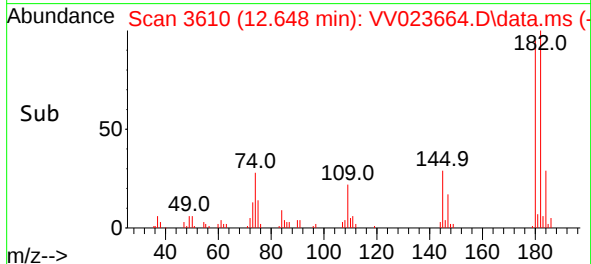
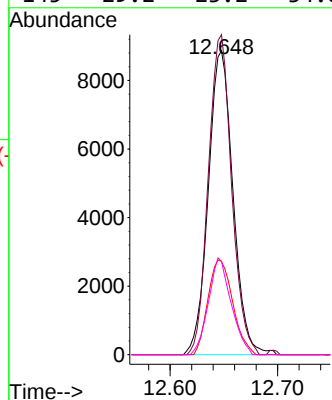


#69
 1,3,5-Trichlorobenzene
 Concen: 0.958 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. 0.003 min
 Lab File: VV023664.D
 Acq: 23 Nov 2021 11:57

Instrument :
 MSVOA_V
 ClientSampleId :

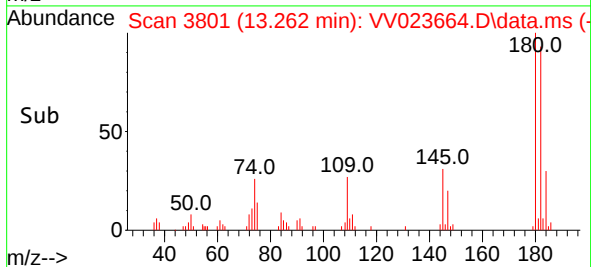
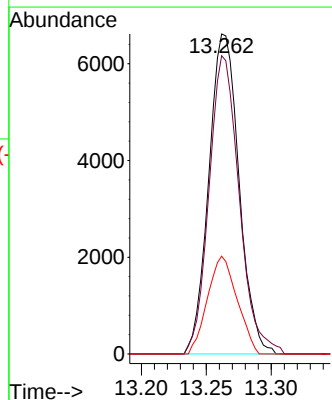
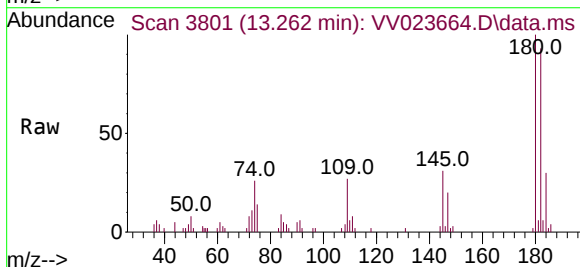


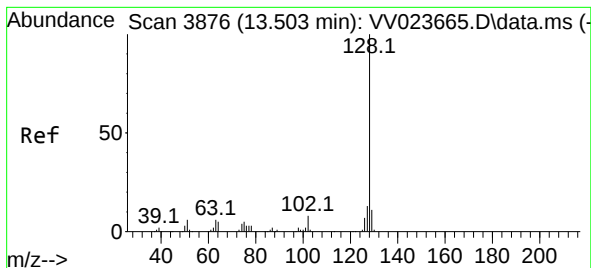
Tgt Ion:180 Resp: 14167
 Ion Ratio Lower Upper
 180 100
 182 98.9 76.4 114.6
 184 31.2 24.2 36.4
 145 29.2 23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 0.909 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV023664.D
 Acq: 23 Nov 2021 11:57

Tgt Ion:180 Resp: 10693
 Ion Ratio Lower Upper
 180 100
 182 93.1 74.4 111.6
 145 29.9 23.3 34.9





#71

Naphthalene

Concen: 0.766 ug/L

RT: 13.506 min Scan# 3876

Delta R.T. 0.003 min

Lab File: VV023664.D

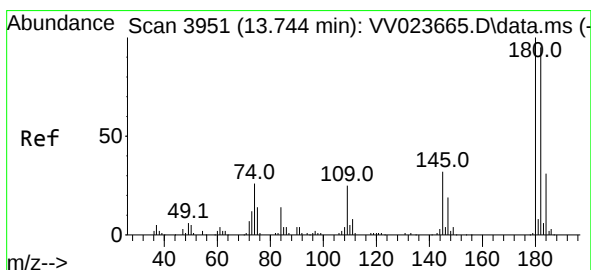
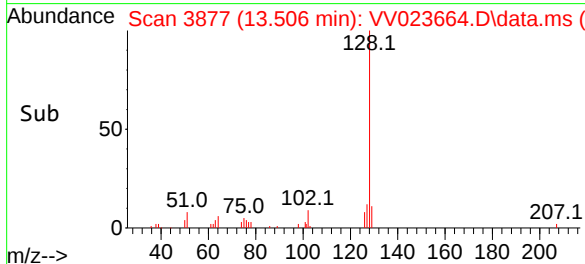
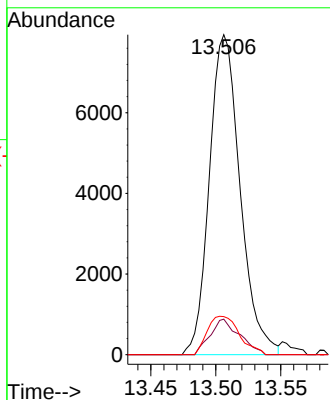
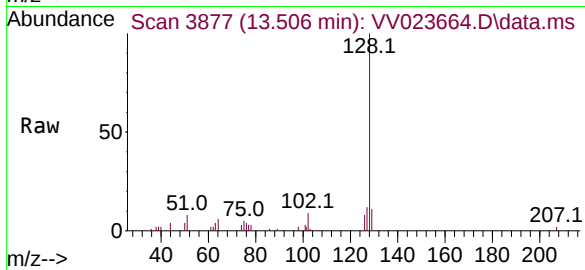
Acq: 23 Nov 2021 11:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	13058
Ion Ratio	Lower	Upper	
128	100		
129	10.7	9.0	13.4
127	12.6	10.2	15.4



#72

1,2,3-Trichlorobenzene

Concen: 0.880 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.000 min

Lab File: VV023664.D

Acq: 23 Nov 2021 11:57

Tgt Ion:	180	Resp:	9048
Ion Ratio	Lower	Upper	
180	100		
182	97.2	76.8	115.2
145	30.2	25.8	38.6

