

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071921\
 Data File : VV021678.D
 Acq On : 19 Jul 2021 13:25
 Operator : SY/MD
 Sample : VSTD05027
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050227

Quant Time: Jul 20 01:28:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 20 01:26:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	434836	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	406968	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	213578	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	150075	53.477	ug/L	0.00
7) Chloroethane-d5	1.558	69	115926	51.440	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	238079	47.279	ug/L	0.00
21) 2-Butanone-d5	3.873	46	233133	99.525	ug/L	0.00
24) Chloroform-d	4.349	84	280647	48.689	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	168083	49.438	ug/L	0.00
32) Benzene-d6	5.050	84	571701	49.363	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	177683	48.564	ug/L	0.00
41) Toluene-d8	7.317	98	529783	49.359	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	89787	49.378	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	165816	98.672	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	244212	49.974	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	211304	48.966	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	119106	32.912	ug/L	100
3) Chloromethane	1.240	50	119558	34.355	ug/L	100
5) Vinyl chloride	1.307	62	119650	34.332	ug/L	99
6) Bromomethane	1.507	94	73104	38.750	ug/L	98
8) Chloroethane	1.577	64	71834	35.966	ug/L	99
9) Trichlorofluoromethane	1.748	101	165993	37.066	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	92849	36.616	ug/L	99
12) 1,1-Dichloroethene	2.114	96	87752	36.136	ug/L	92
13) Acetone	2.159	43	119020	65.633	ug/L	99
14) Carbon disulfide	2.291	76	262559	31.322	ug/L	99
15) Methyl Acetate	2.426	43	128027	36.109	ug/L	100
16) Methylene chloride	2.503	84	123616	37.102	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	105732	35.688	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	356776	36.854	ug/L	99
19) 1,1-Dichloroethane	3.188	63	201081	37.003	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	121142	36.502	ug/L	99
22) 2-Butanone	3.957	43	187623	72.418	ug/L	98
23) Bromochloromethane	4.249	128	64105	36.627	ug/L	98
25) Chloroform	4.378	83	207189	37.341	ug/L	97
27) 1,2-Dichloroethane	5.133	62	151648	37.769	ug/L	99
29) Cyclohexane	4.677	56	169183	33.600	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	182671	36.032	ug/L	100
31) Carbon tetrachloride	4.828	117	158077	35.656	ug/L	99
33) Benzene	5.101	78	450835	36.718	ug/L	100
34) Trichloroethene	5.915	95	118962	35.915	ug/L	98
35) Methylcyclohexane	6.133	83	173899	33.422	ug/L	99
37) 1,2-Dichloropropane	6.175	63	115678	36.021	ug/L	100
38) Bromodichloromethane	6.513	83	158421	36.791	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	183268	34.900	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	349260	74.585	ug/L	100
42) Toluene	7.391	91	484641	36.888	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	180856	36.903	ug/L	99

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

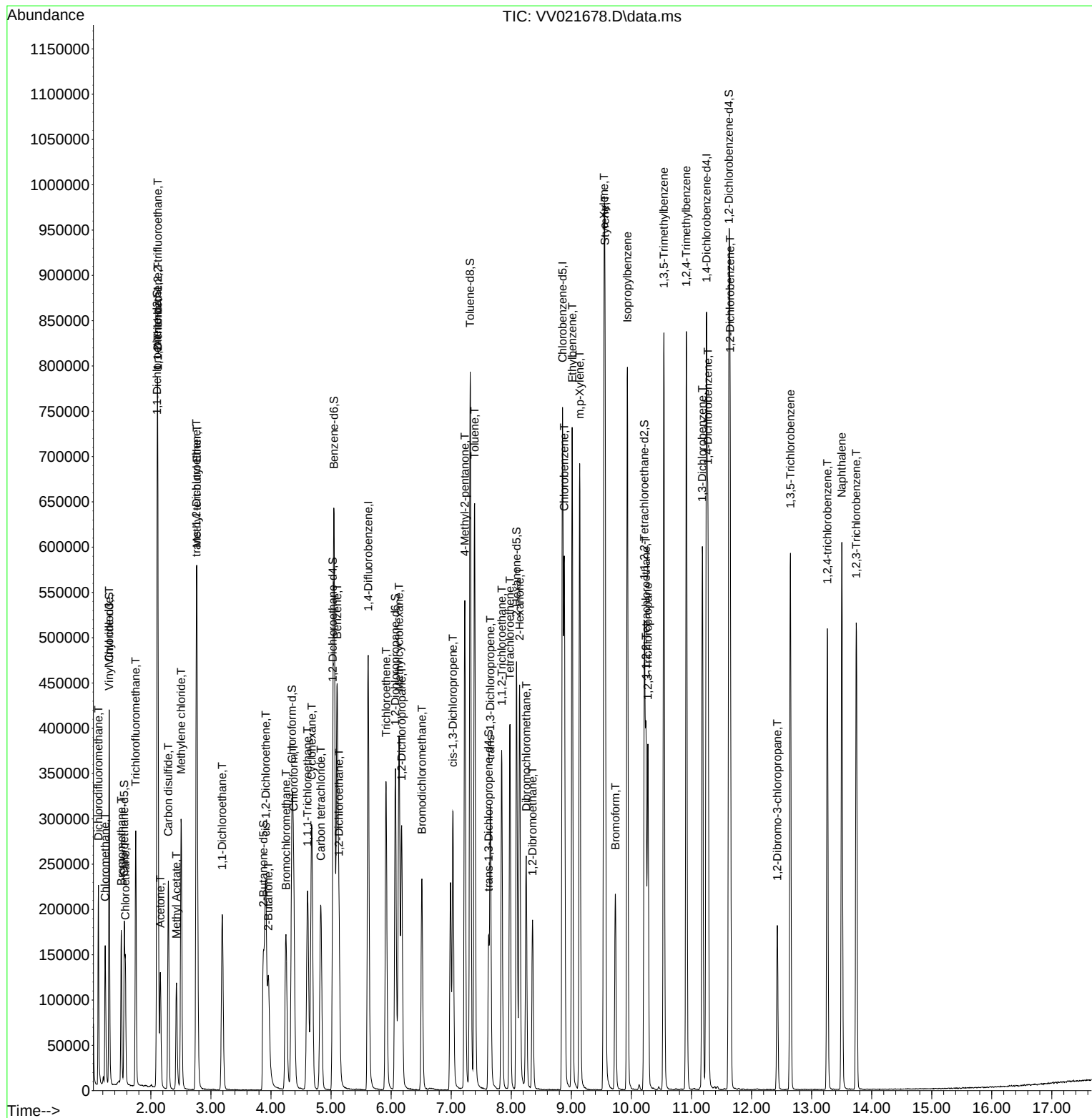
45) 1,1,2-Trichloroethane	7.841	97	118459	37.674	ug/L	99
46) Tetrachloroethene	7.979	164	92048	35.043	ug/L	98
48) 2-Hexanone	8.140	43	271016	73.545	ug/L	99
49) Dibromochloromethane	8.249	129	134783	37.462	ug/L	98
50) 1,2-Dibromoethane	8.355	107	126297	36.817	ug/L	98
51) Chlorobenzene	8.883	112	314717	36.780	ug/L	99
52) Ethylbenzene	9.014	91	513802	36.039	ug/L	99
53) m,p-Xylene	9.140	106	201834	36.885	ug/L	96
54) o-Xylene	9.545	106	200652	36.736	ug/L	100
55) Styrene	9.561	104	344749	37.295	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	186387	38.128	ug/L	99
59) Bromoform	9.735	173	98501	36.271	ug/L	97
60) Isopropylbenzene	9.934	105	524468	36.268	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	152567	37.147	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	447393	36.316	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	452719	36.367	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	250843	36.867	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	247590	36.330	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	255934	37.469	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	42941	35.870	ug/L	96
69) 1,3,5-Trichlorobenzene	12.648	180	185325	36.496	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	158514	36.190	ug/L	99
71) Naphthalene	13.503	128	477434	35.752	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	160129	36.774	ug/L	98

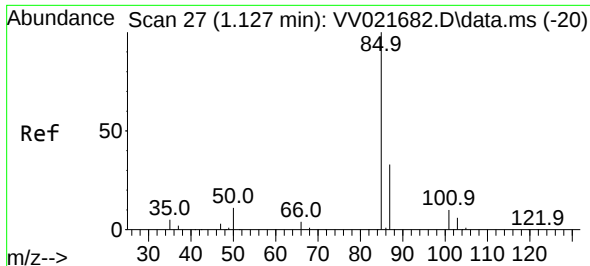
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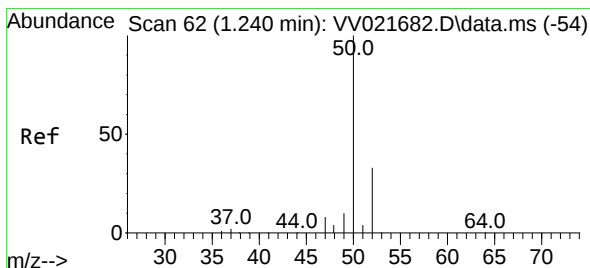
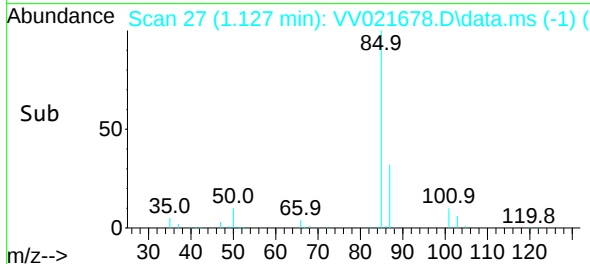
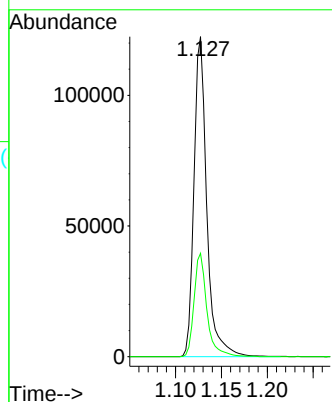
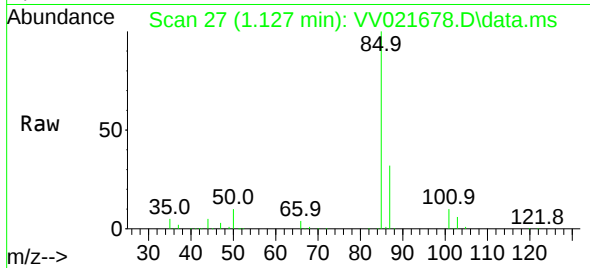




#2
 Dichlorodifluoromethane
 Concen: 32.912 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV021678.D
 Acq: 19 Jul 2021 13:25

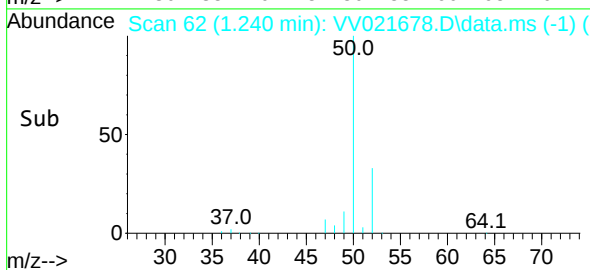
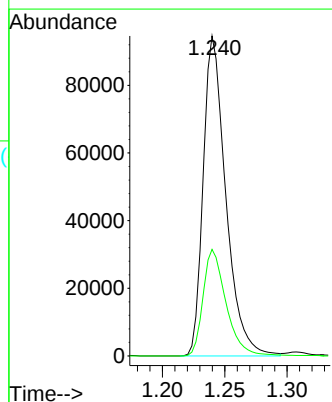
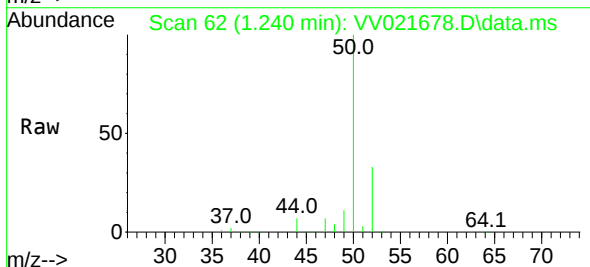
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050227

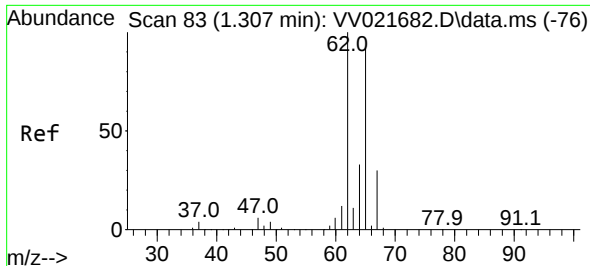
Tgt Ion: 85 Resp: 119106
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.0 39.0



#3
 Chloromethane
 Concen: 34.355 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV021678.D
 Acq: 19 Jul 2021 13:25

Tgt Ion: 50 Resp: 119558
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.2 43.2

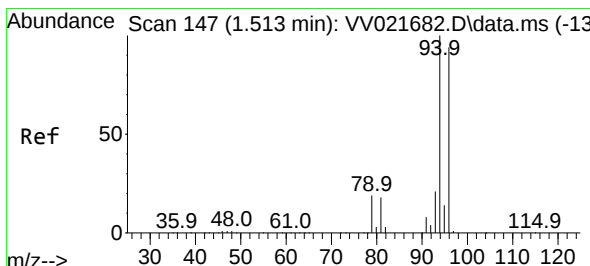
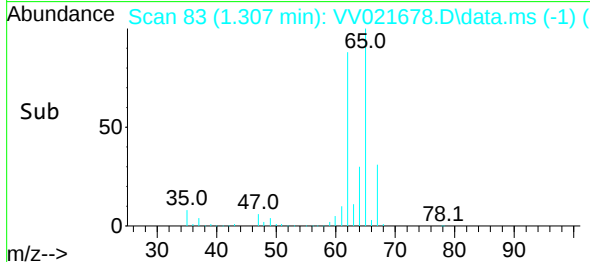
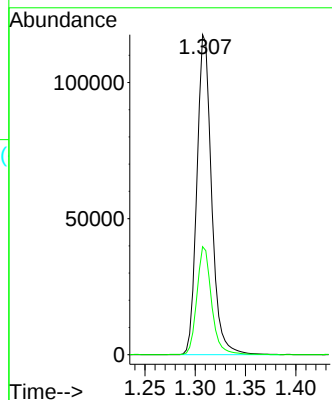
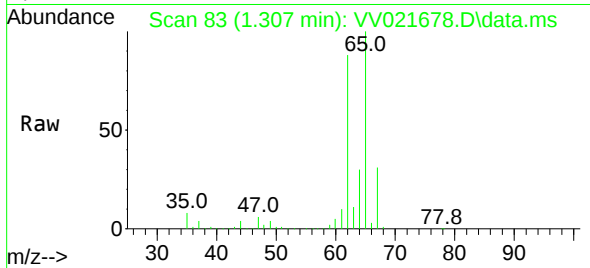




#5
 Vinyl chloride
 Concen: 34.332 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV021678.D
 Acq: 19 Jul 2021 13:25

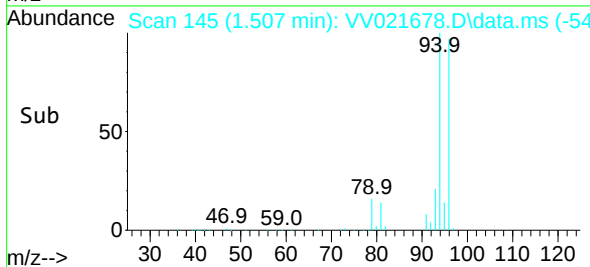
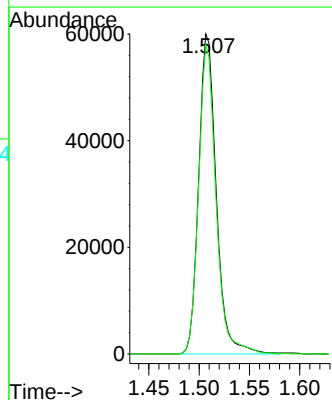
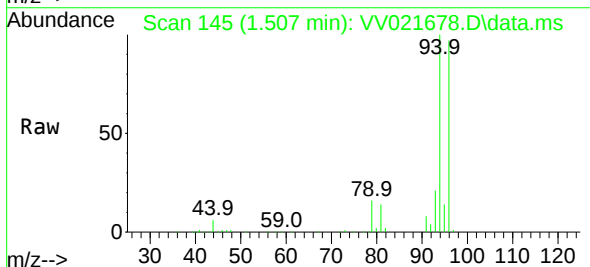
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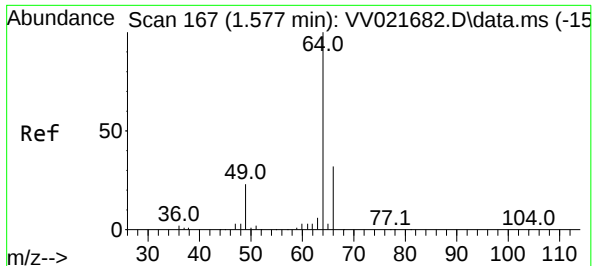
Tgt Ion: 62 Resp: 119650
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.4 43.4



#6
 Bromomethane
 Concen: 38.750 ug/L
 RT: 1.507 min Scan# 145
 Delta R.T. -0.006 min
 Lab File: VV021678.D
 Acq: 19 Jul 2021 13:25

Tgt Ion: 94 Resp: 73104
 Ion Ratio Lower Upper
 94 100
 96 96.6 66.0 122.6

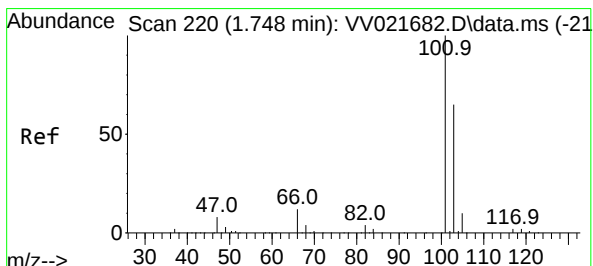
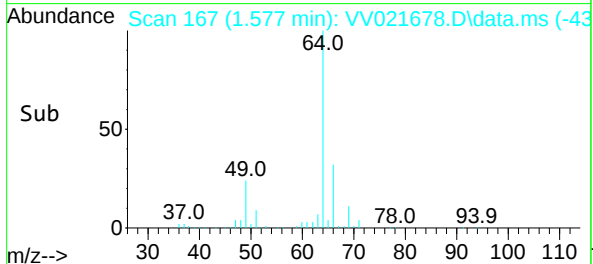
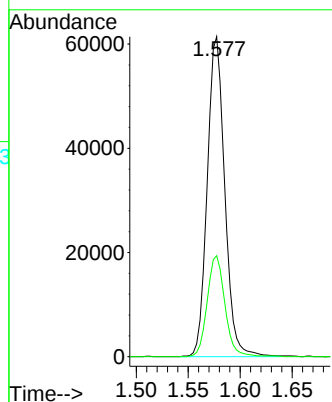
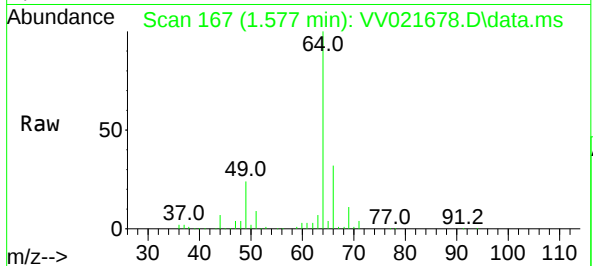




#8
Chloroethane
Concen: 35.966 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.000 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

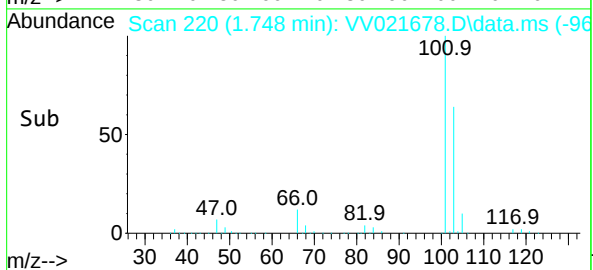
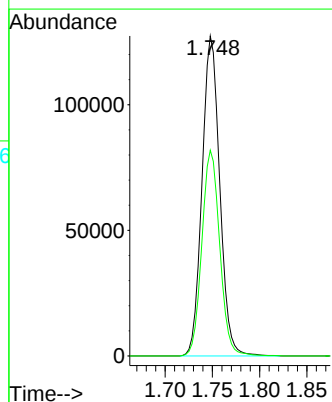
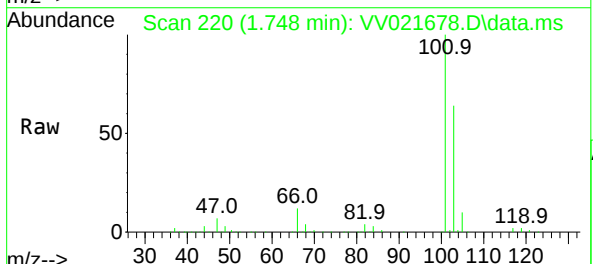
Instrument :
MSVOA_V
ClientSampleId :
VSTD050227

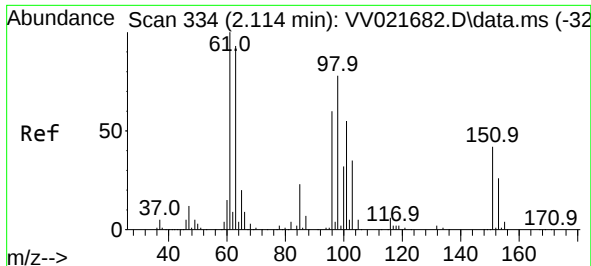
Tgt Ion: 64 Resp: 71834
Ion Ratio Lower Upper
64 100
66 31.6 22.7 42.1



#9
Trichlorofluoromethane
Concen: 37.066 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

Tgt Ion:101 Resp: 165993
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.0





#10

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

Concen: 36.616 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV021678.D

Acq: 19 Jul 2021 13:25

Tgt Ion:101 Resp: 92849

Ion Ratio Lower Upper

101 100

85 40.6 33.6 50.4

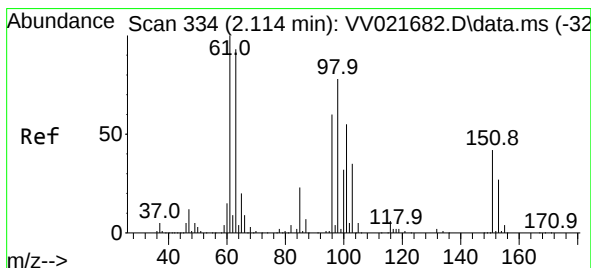
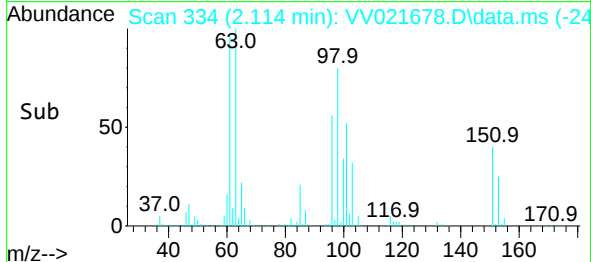
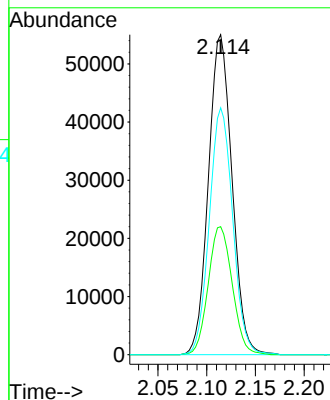
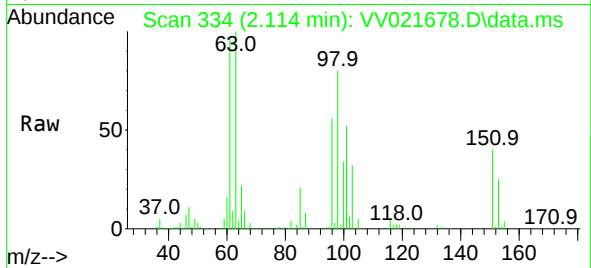
151 76.7 62.0 93.0

Instrument :

MSVOA_V

ClientSampleId :

VSTD050227



#12

1,1-Dichloroethene

Concen: 36.136 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV021678.D

Acq: 19 Jul 2021 13:25

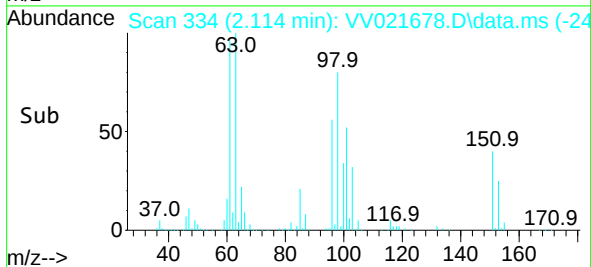
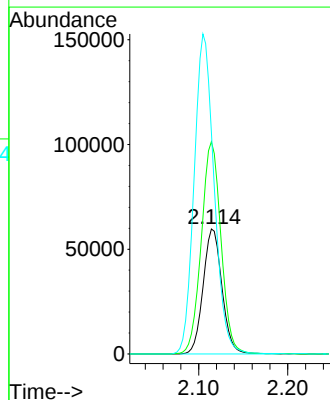
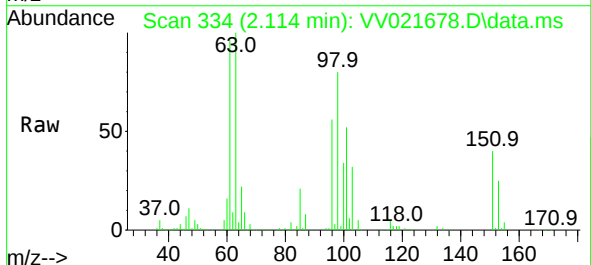
Tgt Ion: 96 Resp: 87752

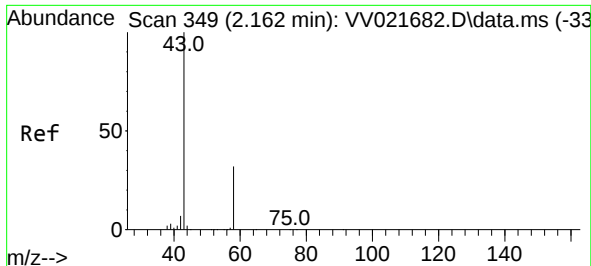
Ion Ratio Lower Upper

96 100

61 169.9 117.5 218.1

63 177.5 110.1 204.5

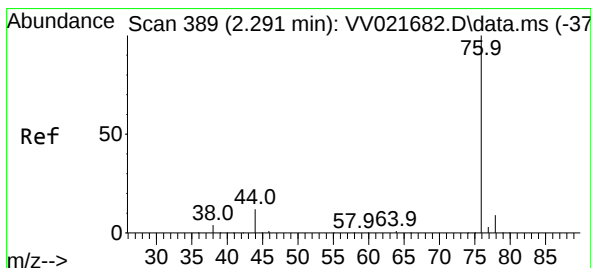
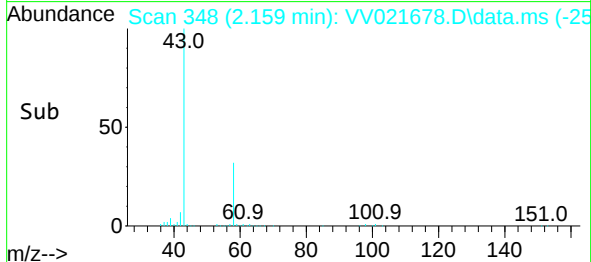
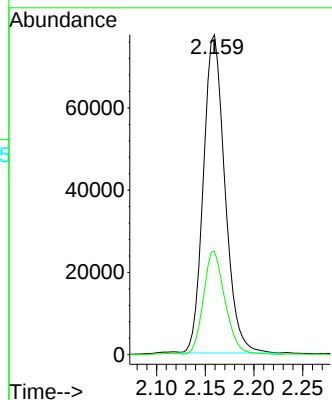
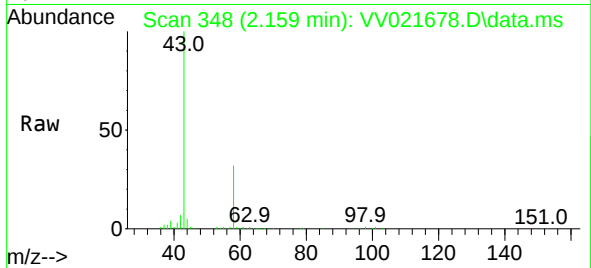




#13
Acetone
Concen: 65.633 ug/L
RT: 2.159 min Scan# 348
Delta R.T. -0.003 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

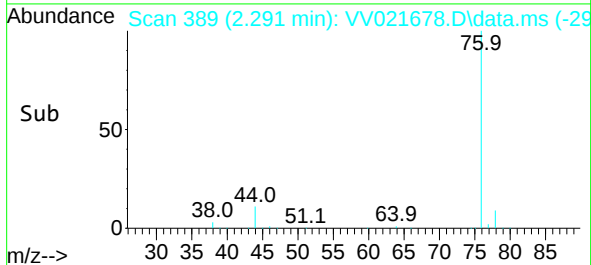
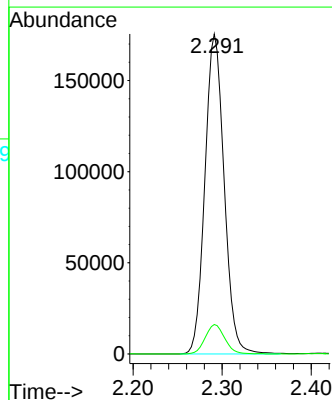
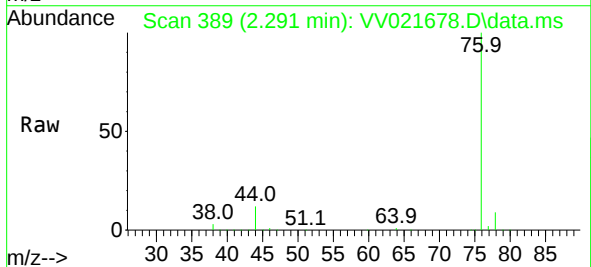
Instrument :
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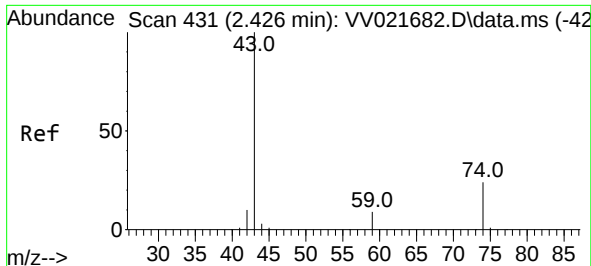
Tgt Ion: 43 Resp: 119020
Ion Ratio Lower Upper
43 100
58 32.9 0.0 64.6



#14
Carbon disulfide
Concen: 31.322 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

Tgt Ion: 76 Resp: 262559
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

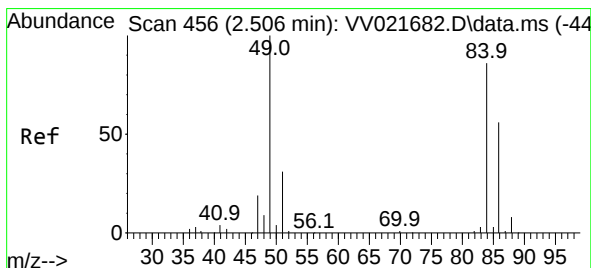
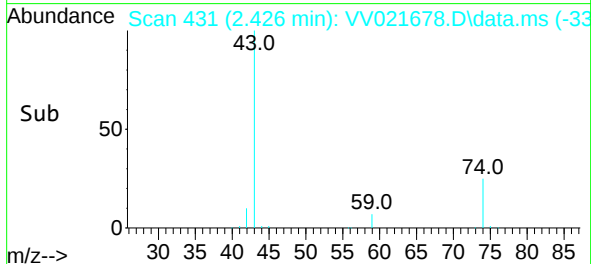
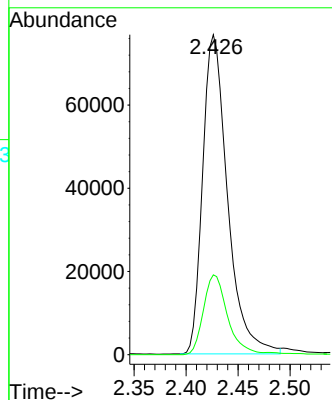
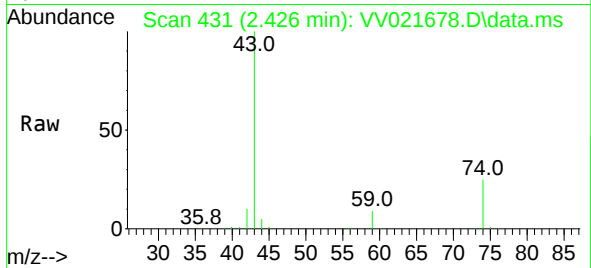




#15
Methyl Acetate
Concen: 36.109 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.000 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

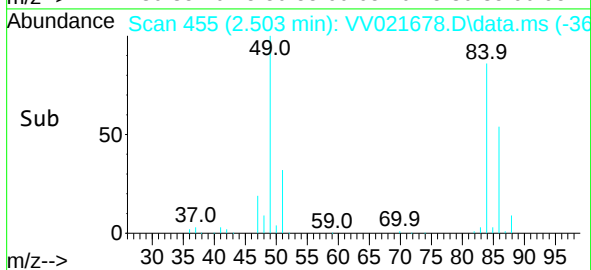
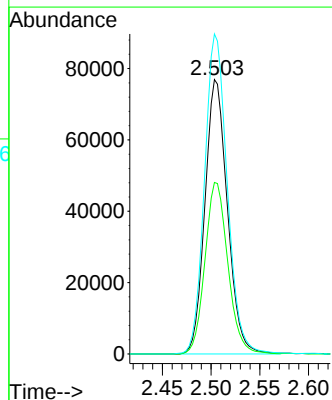
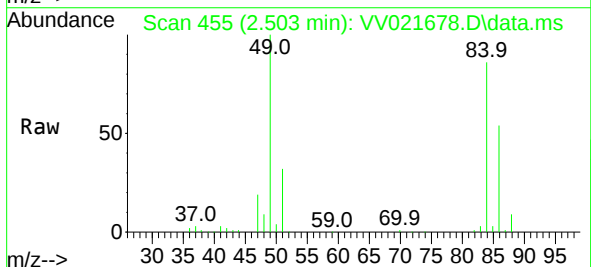
Instrument :
MSVOA_V
ClientSampleId :
VSTD050227

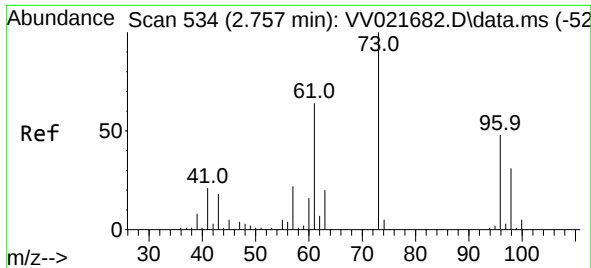
Tgt Ion: 43 Resp: 128027
Ion Ratio Lower Upper
43 100
74 24.1 19.3 28.9



#16
Methylene chloride
Concen: 37.102 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

Tgt Ion: 84 Resp: 123616
Ion Ratio Lower Upper
84 100
86 62.5 45.1 83.9
49 116.6 81.1 150.7

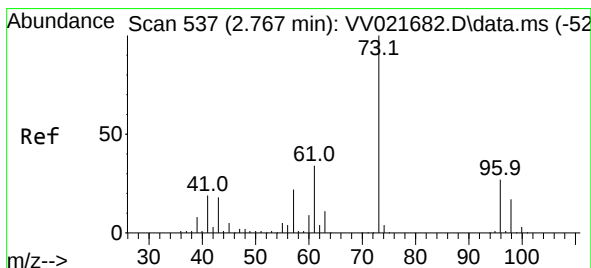
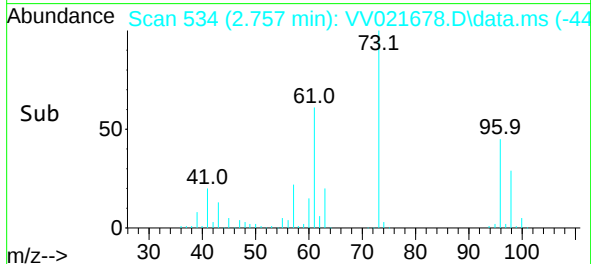
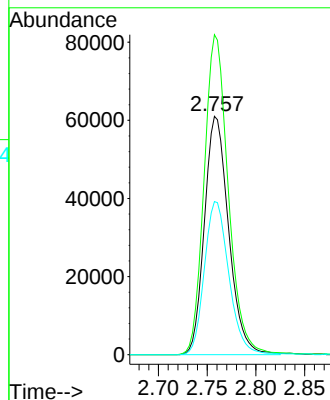
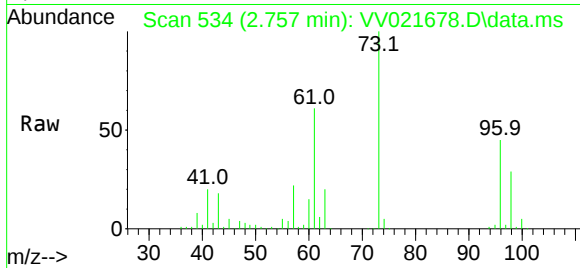




#17
trans-1,2-Dichloroethene
Concen: 35.688 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

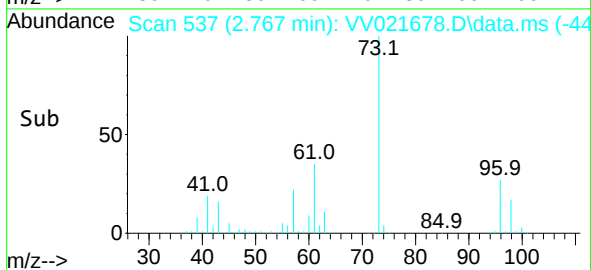
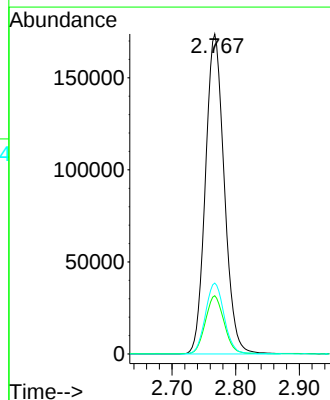
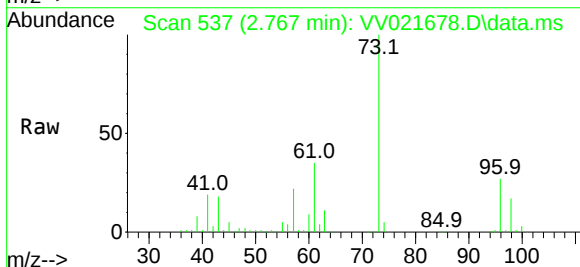
Instrument :
MSVOA_V
ClientSampleId :
VSTD050227

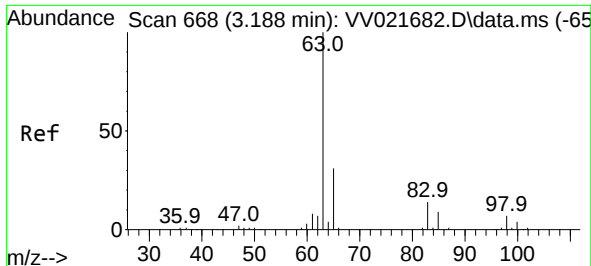
Tgt Ion: 96 Resp: 105732
Ion Ratio Lower Upper
96 100
61 134.2 93.7 174.1
98 64.2 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 36.854 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

Tgt Ion: 73 Resp: 356776
Ion Ratio Lower Upper
73 100
43 17.8 14.3 21.5
57 22.2 17.3 25.9





#19

1,1-Dichloroethane

Concen: 37.003 ug/L

RT: 3.188 min Scan# 668

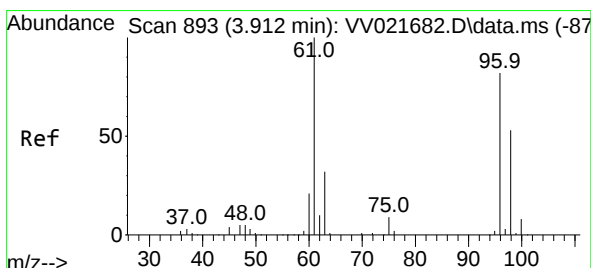
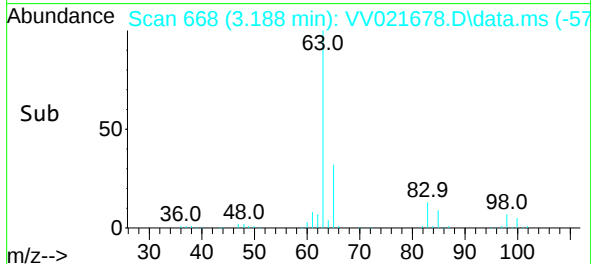
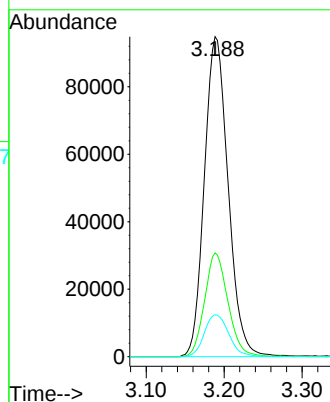
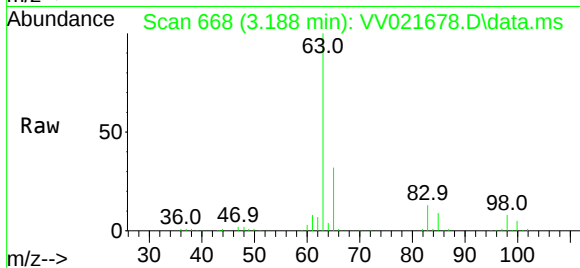
Delta R.T. 0.000 min

Lab File: VV021678.D

Acq: 19 Jul 2021 13:25

Tgt Ion: 63 Resp: 201081

Ion	Ratio	Lower	Upper
63	100		
65	32.5	22.0	40.8
83	13.1	9.7	18.1



#20

cis-1,2-Dichloroethene

Concen: 36.502 ug/L

RT: 3.912 min Scan# 893

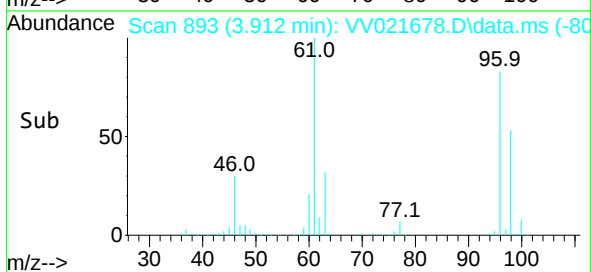
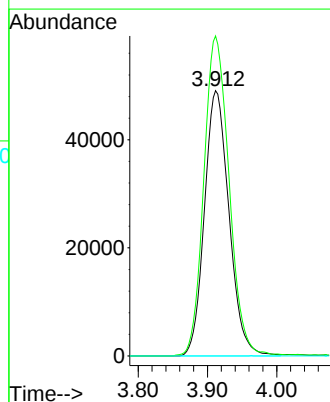
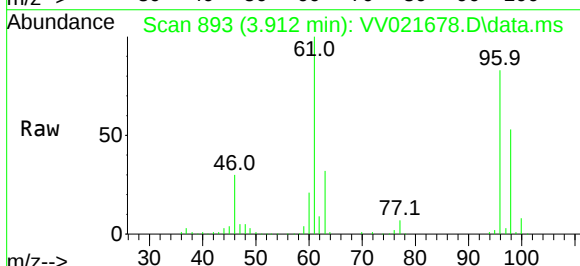
Delta R.T. 0.000 min

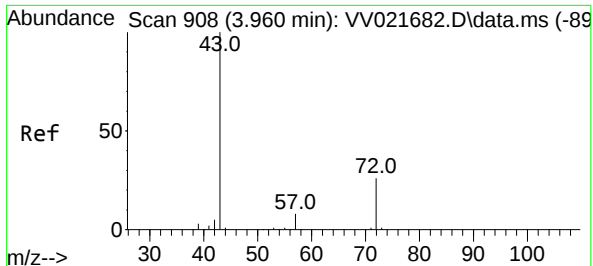
Lab File: VV021678.D

Acq: 19 Jul 2021 13:25

Tgt Ion: 96 Resp: 121142

Ion	Ratio	Lower	Upper
96	100		
61	120.7	85.3	158.3
68	0.0	0.0	0.0

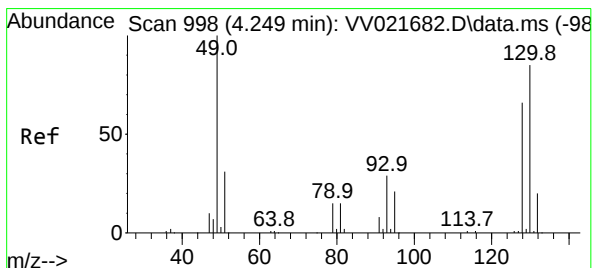
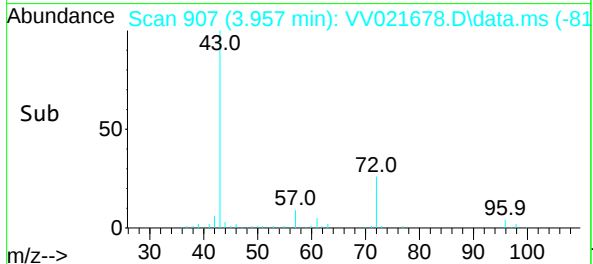
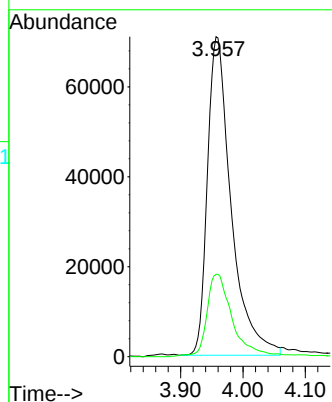
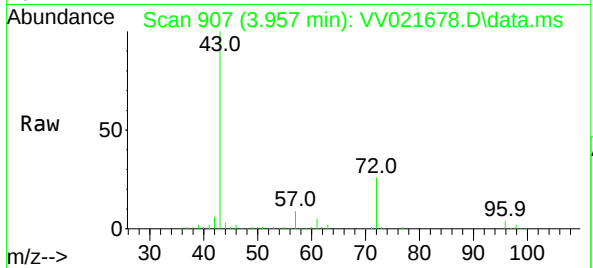




#22
2-Butanone
Concen: 72.418 ug/L
RT: 3.957 min Scan# 907
Delta R.T. -0.003 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

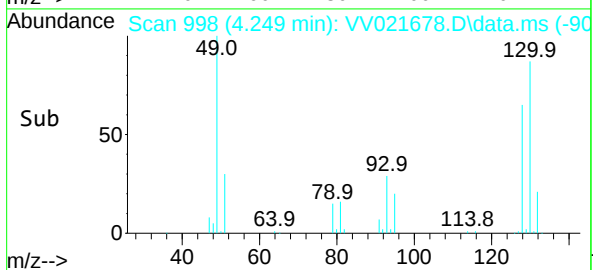
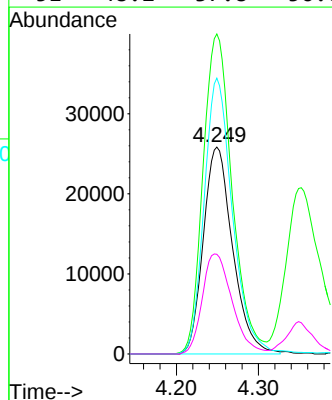
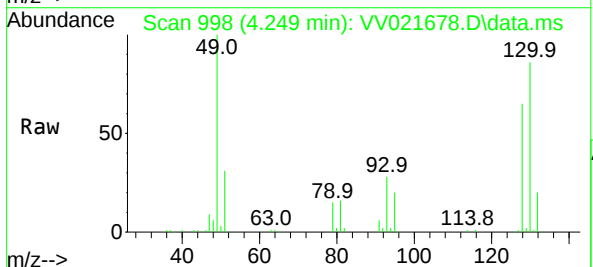
Instrument :
MSVOA_V
ClientSampleId :
VSTD050227

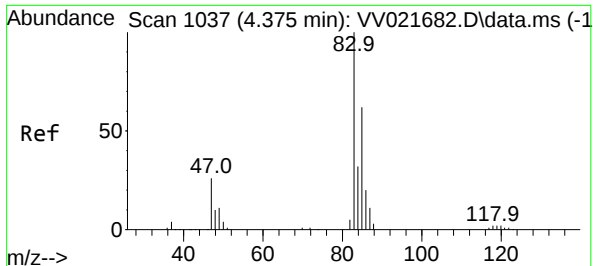
Tgt Ion: 43 Resp: 187623
Ion Ratio Lower Upper
43 100
72 27.4 13.2 39.5



#23
Bromochloromethane
Concen: 36.627 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.000 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

Tgt Ion: 128 Resp: 64105
Ion Ratio Lower Upper
128 100
49 154.7 106.8 198.4
130 133.4 90.6 168.2
51 48.2 37.8 56.6





#25

Chloroform

Concen: 37.341 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VV021678.D

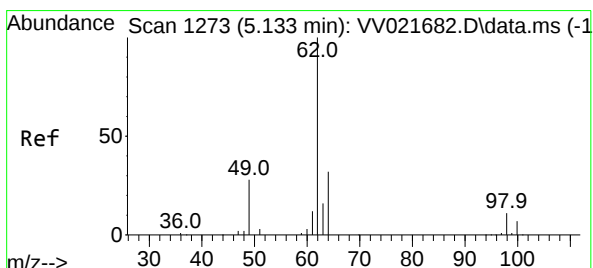
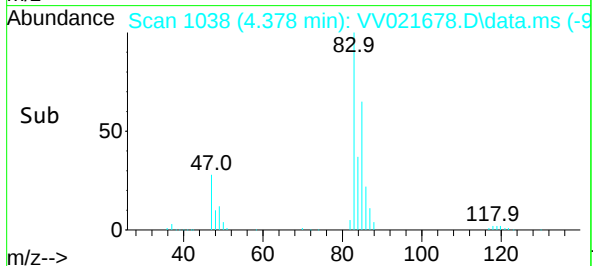
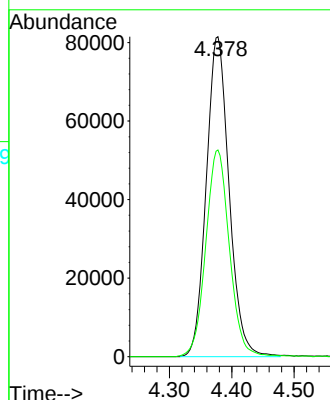
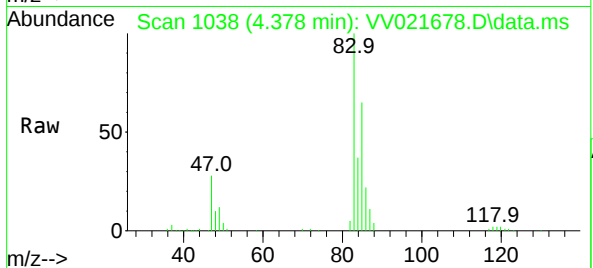
Acq: 19 Jul 2021 13:25

Tgt Ion: 83 Resp: 207189

Ion Ratio Lower Upper

83 100

85 64.6 43.8 81.4



#27

1,2-Dichloroethane

Concen: 37.769 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VV021678.D

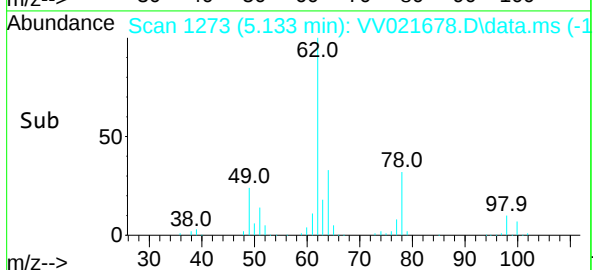
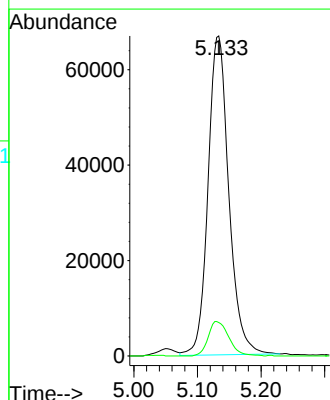
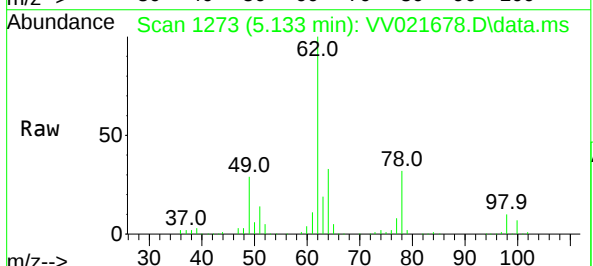
Acq: 19 Jul 2021 13:25

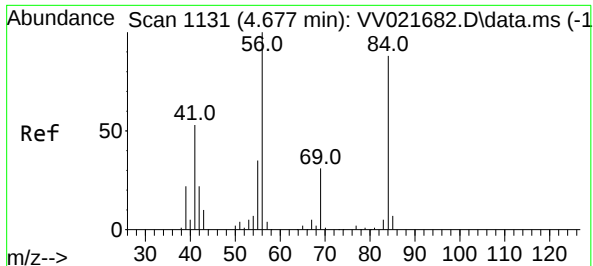
Tgt Ion: 62 Resp: 151648

Ion Ratio Lower Upper

62 100

98 10.4 8.7 13.1





#29

Cyclohexane

Concen: 33.600 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VV021678.D

Acq: 19 Jul 2021 13:25

Tgt Ion: 56 Resp: 169183

Ion Ratio Lower Upper

56 100

69 30.5 24.5 36.7

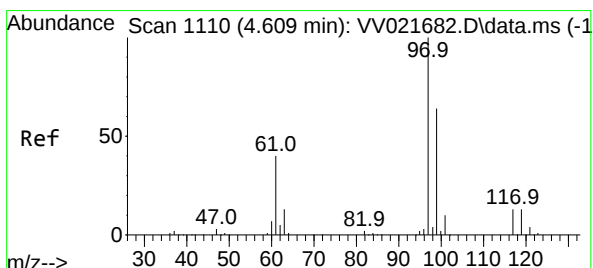
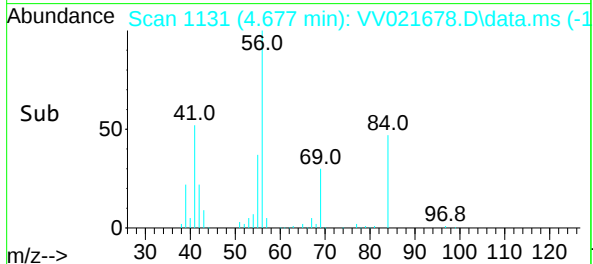
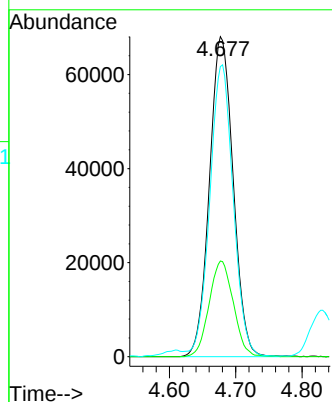
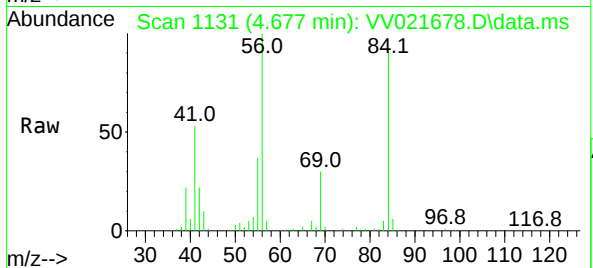
84 90.1 71.4 107.0

Instrument :

MSVOA_V

ClientSampleId :

VSTD050227



#30

1,1,1-Trichloroethane

Concen: 36.032 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV021678.D

Acq: 19 Jul 2021 13:25

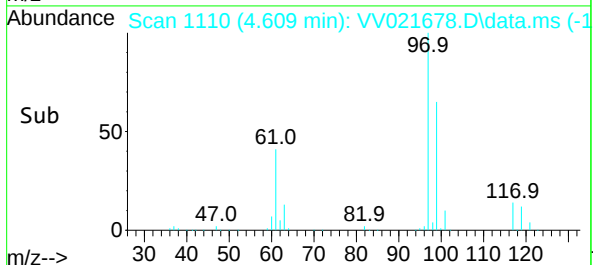
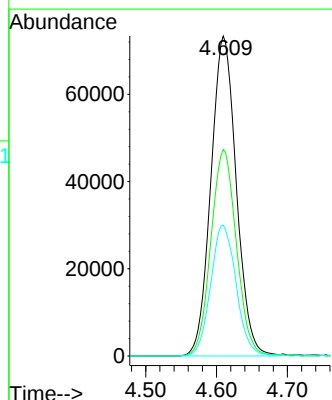
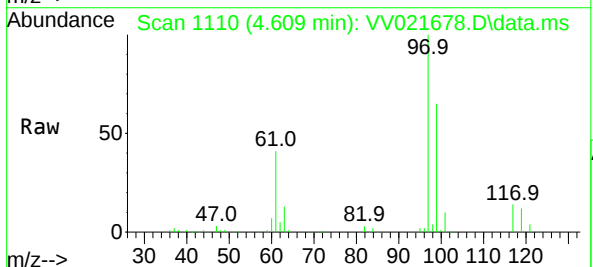
Tgt Ion: 97 Resp: 182671

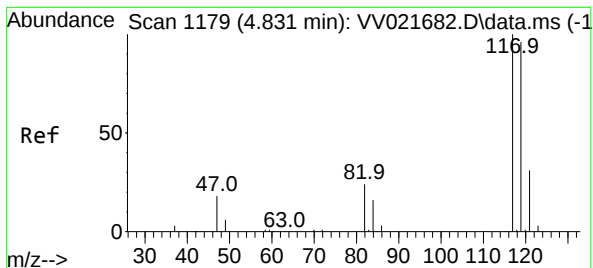
Ion Ratio Lower Upper

97 100

99 64.6 51.6 77.4

61 41.0 32.6 49.0

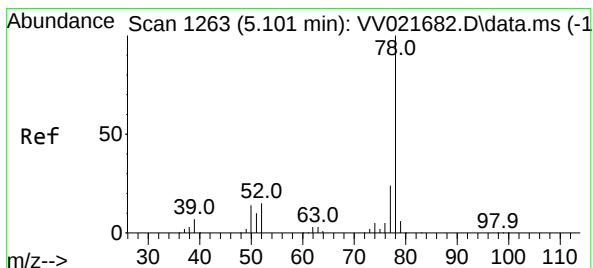
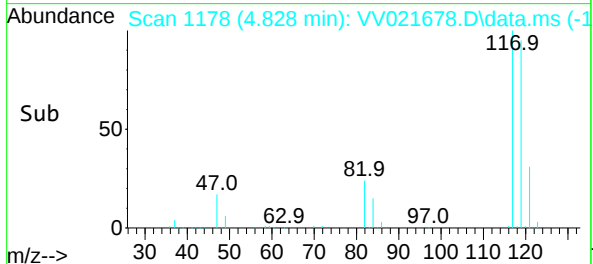
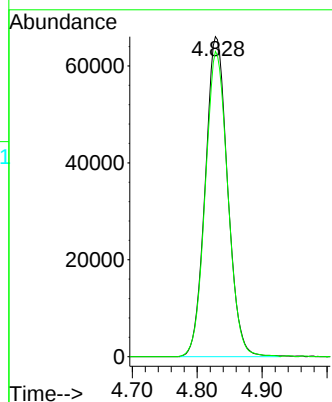
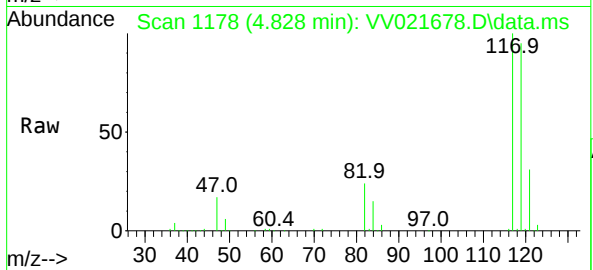




#31
Carbon tetrachloride
Concen: 35.656 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

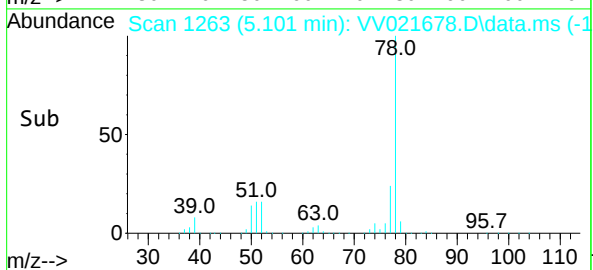
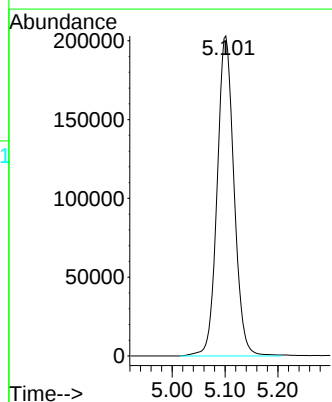
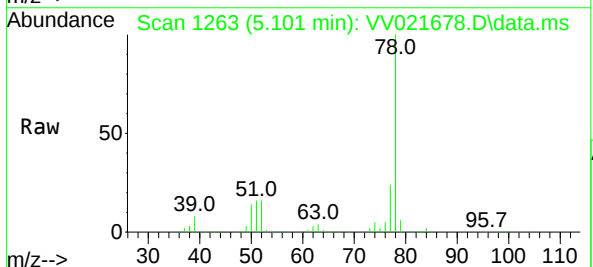
Instrument :
MSVOA_V
ClientSampleId :
VSTD050227

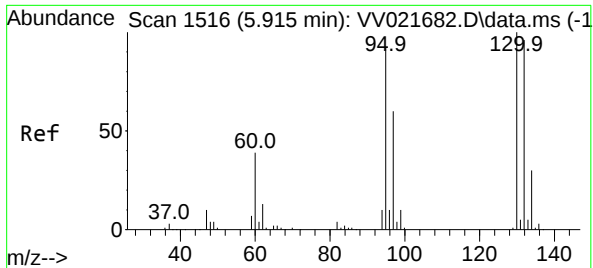
Tgt Ion:117 Resp: 158077
Ion Ratio Lower Upper
117 100
119 96.3 77.7 116.5



#33
Benzene
Concen: 36.718 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

Tgt Ion: 78 Resp: 450835

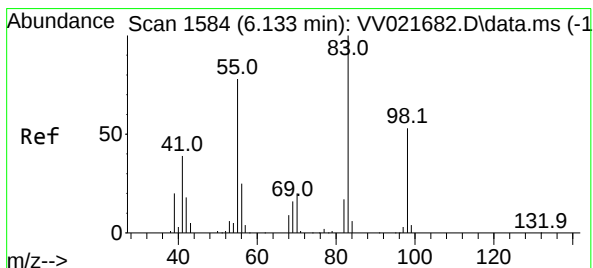
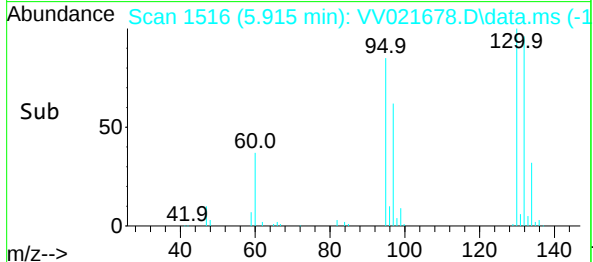
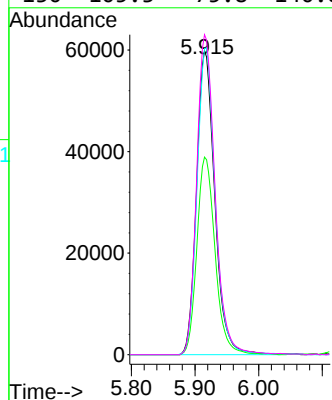
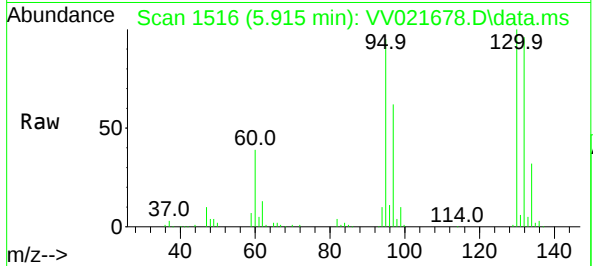




#34
Trichloroethene
Concen: 35.915 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

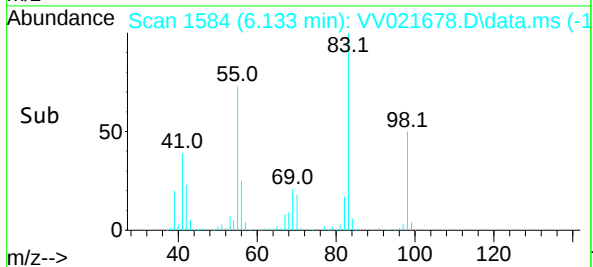
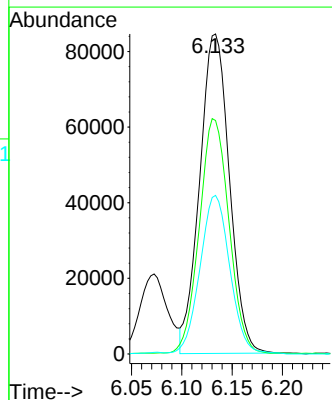
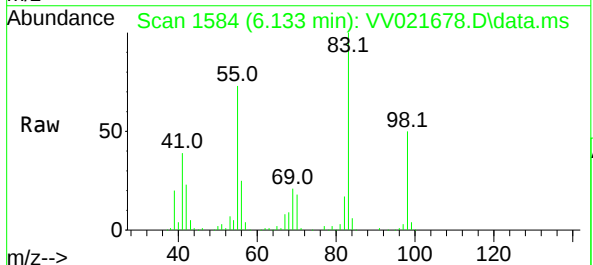
Instrument :
MSVOA_V
ClientSampleId :
VSTD050227

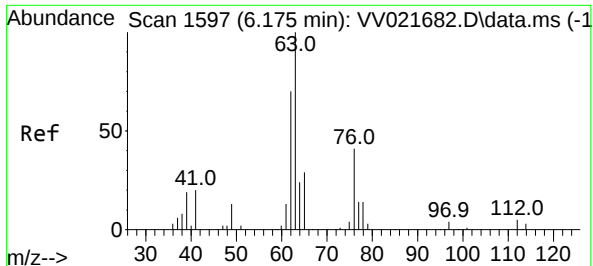
Tgt Ion: 95 Resp: 118962
Ion Ratio Lower Upper
95 100
97 65.0 45.6 84.6
132 100.7 72.4 134.5
130 105.3 75.8 140.8



#35
Methylcyclohexane
Concen: 33.422 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

Tgt Ion: 83 Resp: 173899
Ion Ratio Lower Upper
83 100
55 73.0 59.3 88.9
98 50.0 40.2 60.4

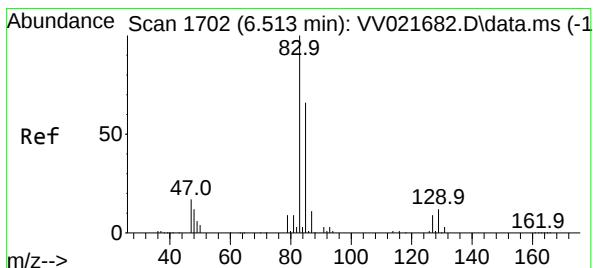
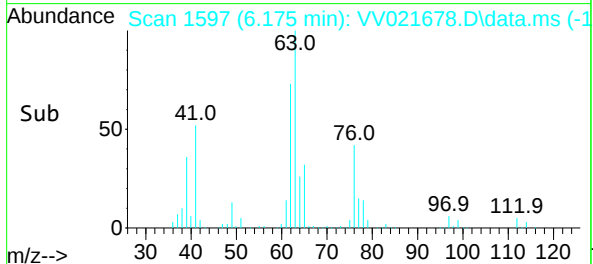
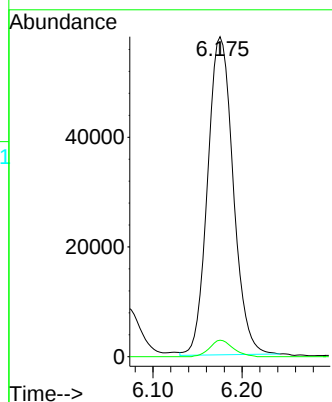
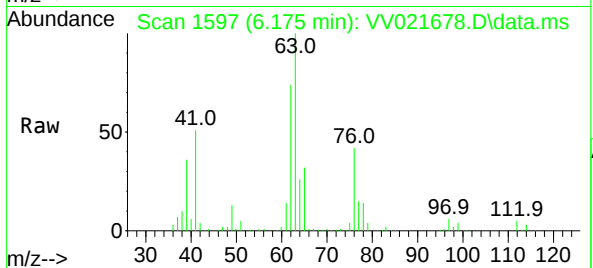




#37
1,2-Dichloropropane
Concen: 36.021 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

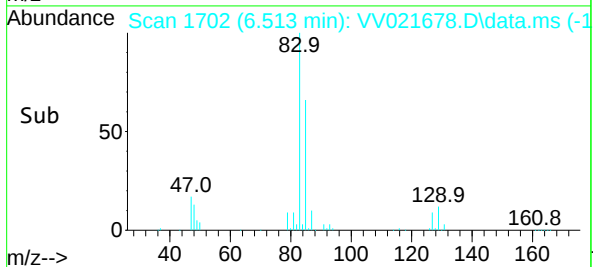
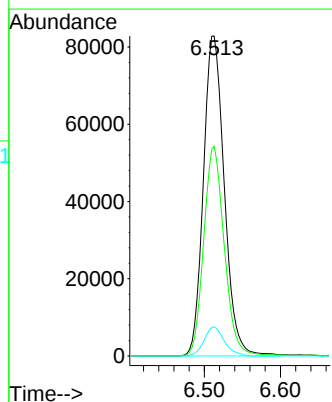
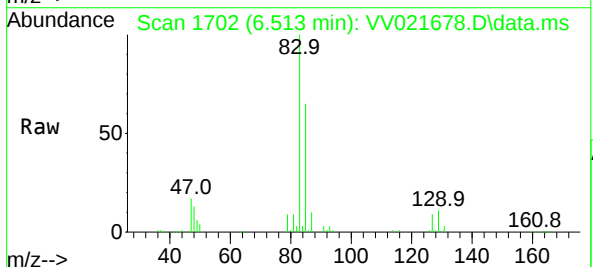
Instrument :
MSVOA_V
ClientSampleId :
VSTD050227

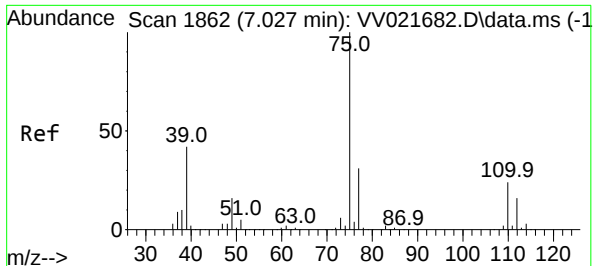
Tgt Ion: 63 Resp: 115678
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.6



#38
Bromodichloromethane
Concen: 36.791 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

Tgt Ion: 83 Resp: 158421
Ion Ratio Lower Upper
83 100
85 65.5 46.1 85.5
127 9.1 7.4 11.0



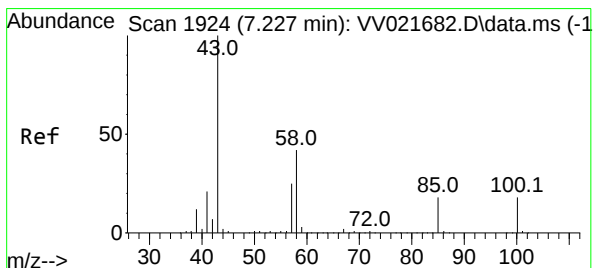
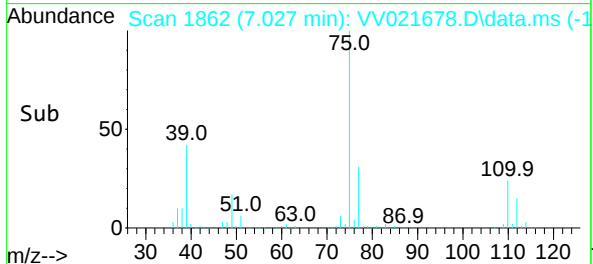
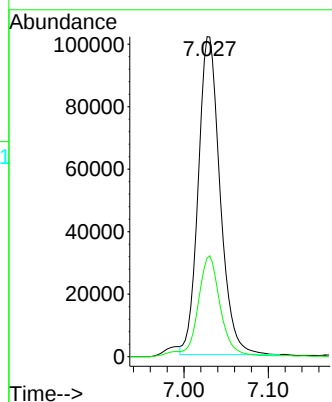
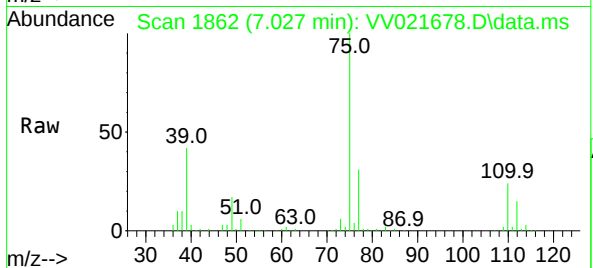


#39

cis-1,3-Dichloropropene
Concen: 34.900 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. 0.000 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

Instrument :
MSVOA_V
ClientSampleId :
VSTD050227

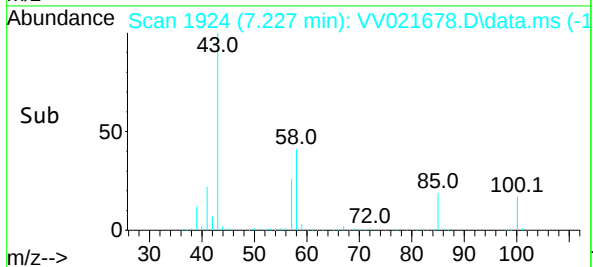
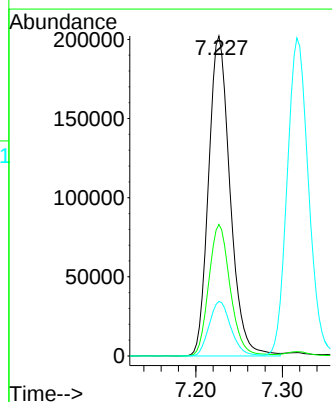
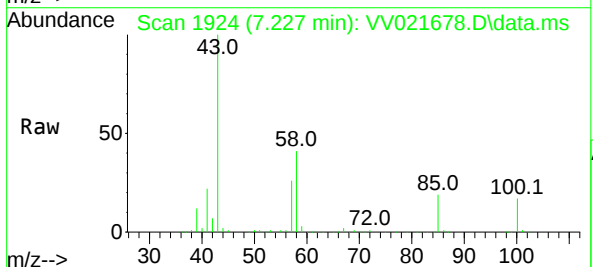
Tgt Ion: 75 Resp: 183268
Ion Ratio Lower Upper
75 100
77 30.9 21.9 40.7

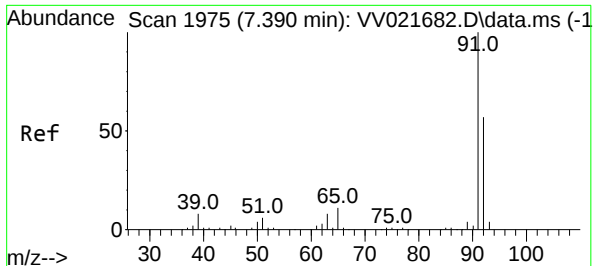


#40

4-Methyl-2-pentanone
Concen: 74.585 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

Tgt Ion: 43 Resp: 349260
Ion Ratio Lower Upper
43 100
58 41.0 33.1 49.7
100 17.2 13.8 20.8





#42

Toluene

Concen: 36.888 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.000 min

Lab File: VV021678.D

Acq: 19 Jul 2021 13:25

Tgt Ion: 91 Resp: 484641

Ion Ratio Lower Upper

91 100

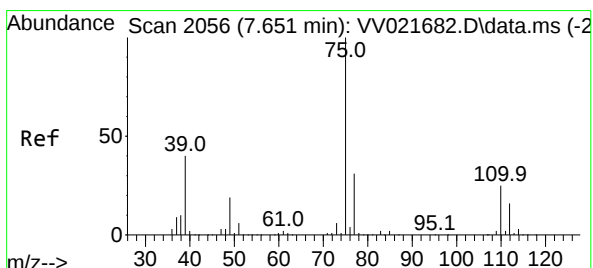
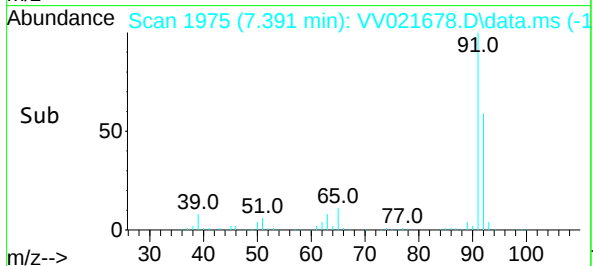
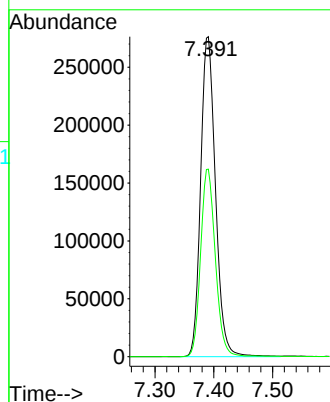
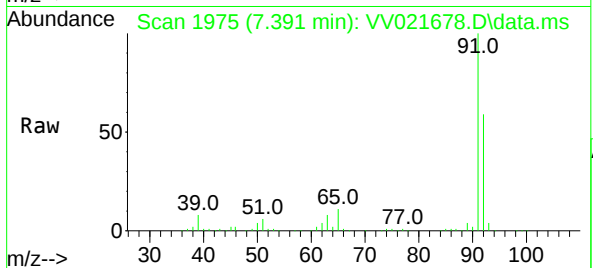
92 58.6 40.2 74.6

Instrument :

MSVOA_V

ClientSampleId :

VSTD050227



#44

trans-1,3-Dichloropropene

Concen: 36.903 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV021678.D

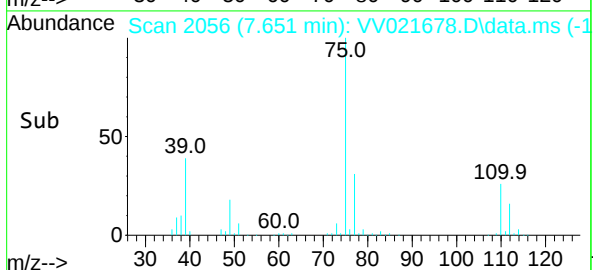
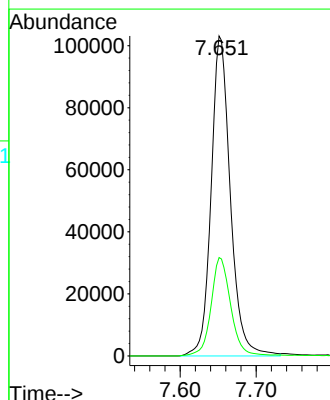
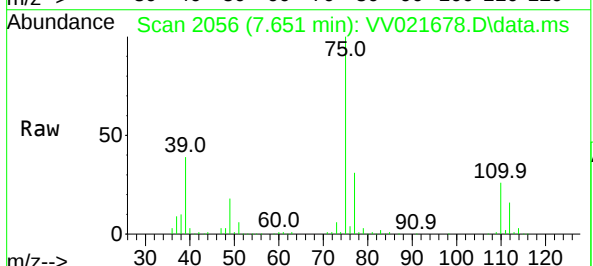
Acq: 19 Jul 2021 13:25

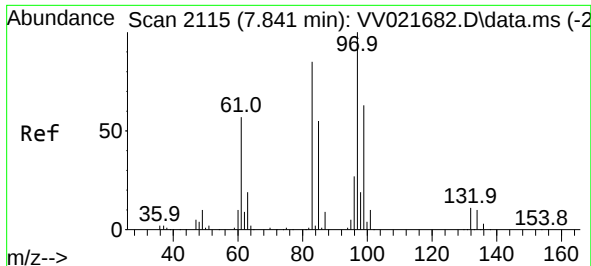
Tgt Ion: 75 Resp: 180856

Ion Ratio Lower Upper

75 100

77 30.7 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 37.674 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.000 min

Lab File: VV021678.D

Acq: 19 Jul 2021 13:25

Tgt Ion: 97 Resp: 118459

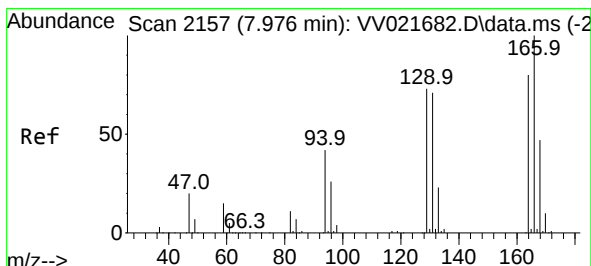
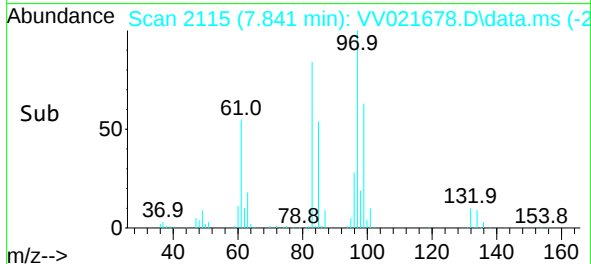
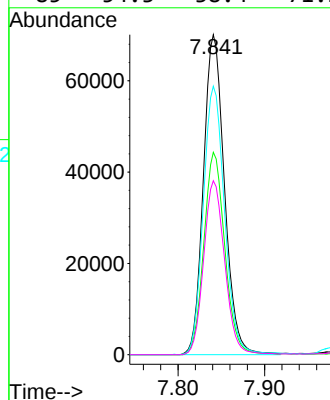
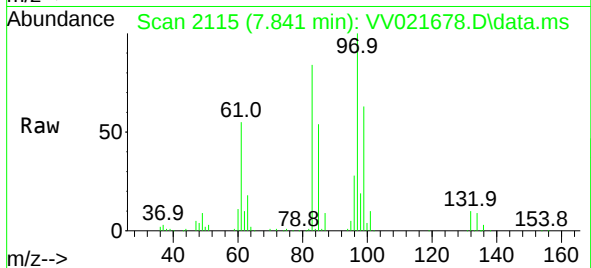
Ion Ratio Lower Upper

97 100

99 63.2 44.0 81.8

83 83.9 59.1 109.9

85 54.3 38.4 71.2



#46

Tetrachloroethene

Concen: 35.043 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV021678.D

Acq: 19 Jul 2021 13:25

Tgt Ion: 164 Resp: 92048

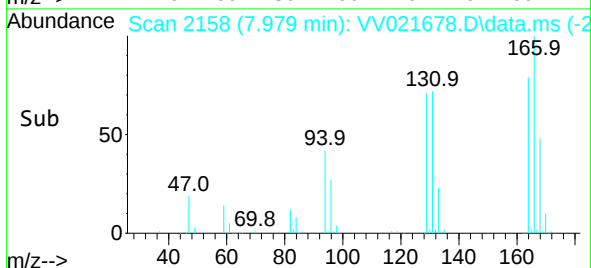
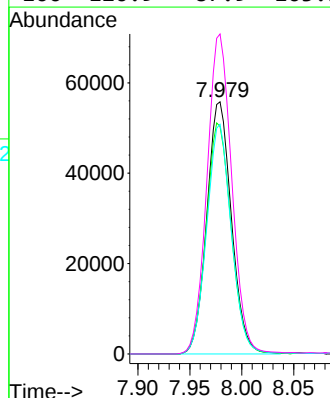
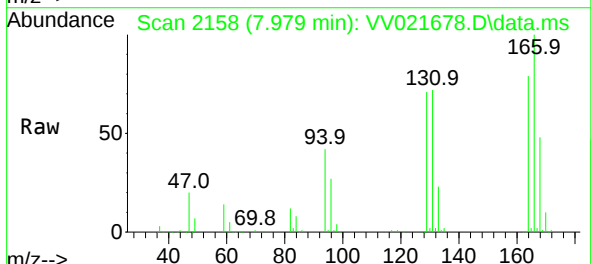
Ion Ratio Lower Upper

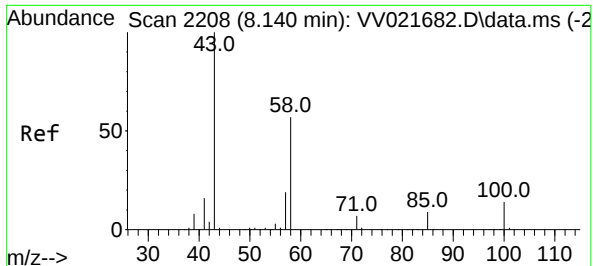
164 100

129 90.3 63.8 118.6

131 91.1 62.1 115.3

166 126.9 87.9 163.3

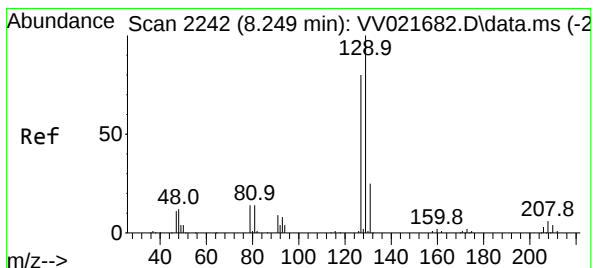
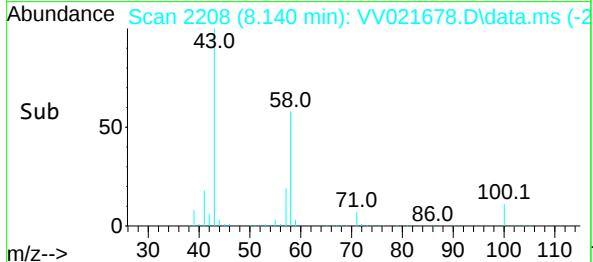
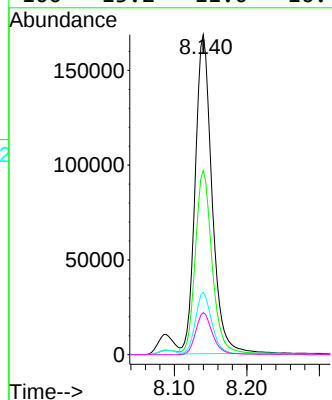
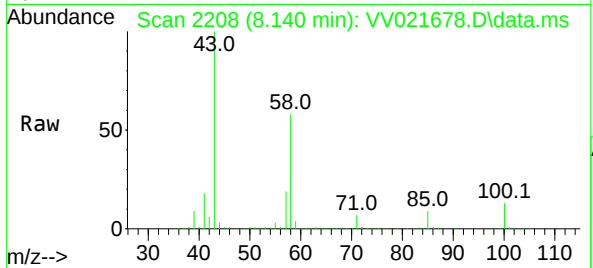




#48
2-Hexanone
Concen: 73.545 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

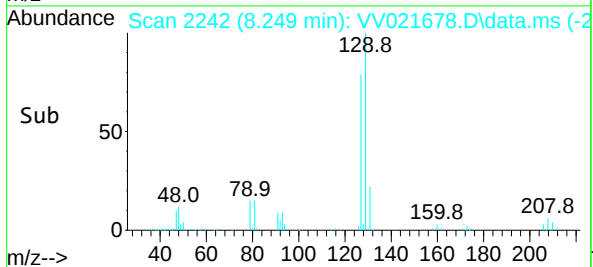
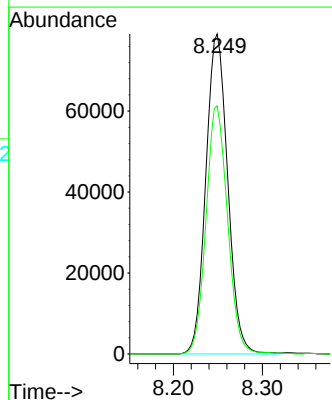
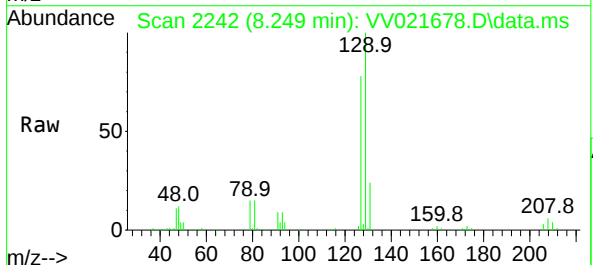
Instrument :
MSVOA_V
ClientSampleId :
VSTD050227

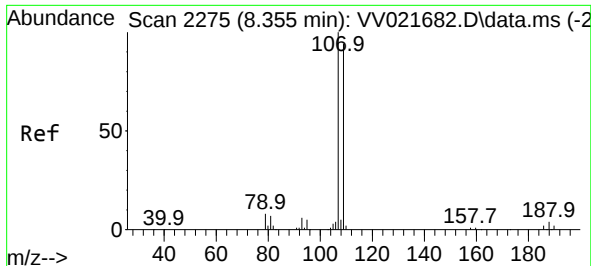
Tgt Ion:	43	Resp:	271016
Ion	Ratio	Lower	Upper
43	100		
58	56.9	46.0	69.0
57	18.5	15.6	23.4
100	13.2	11.0	16.4



#49
Dibromochloromethane
Concen: 37.462 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

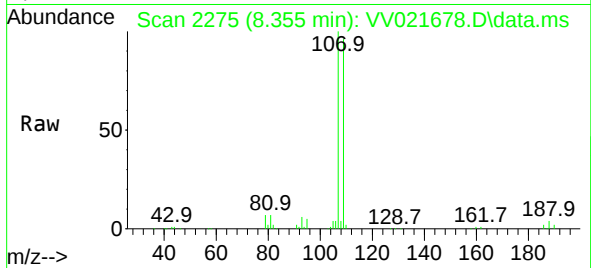
Tgt Ion:	129	Resp:	134783
Ion	Ratio	Lower	Upper
129	100		
127	77.6	55.6	103.4



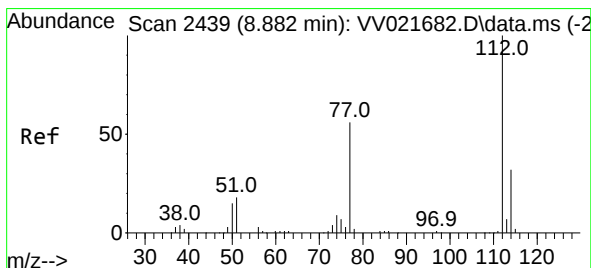
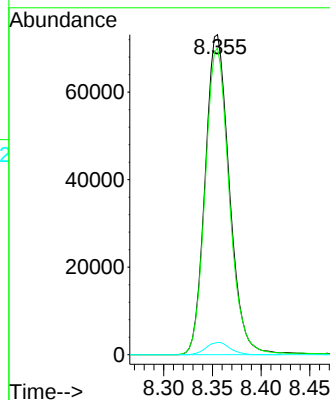
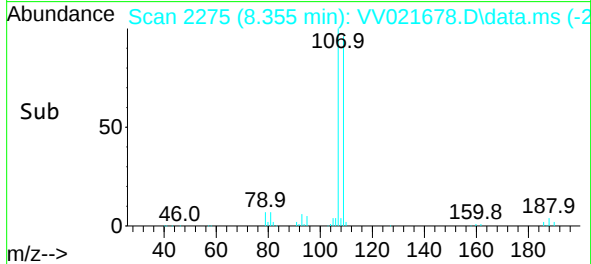


#50
1,2-Dibromoethane
Concen: 36.817 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

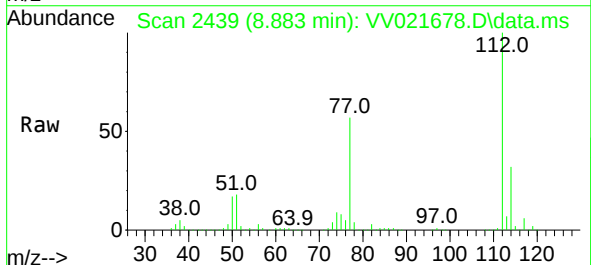
Instrument :
MSVOA_V
ClientSampleId :
VSTD050227



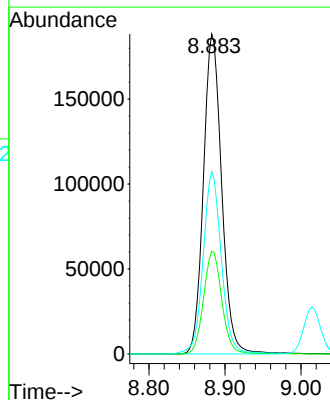
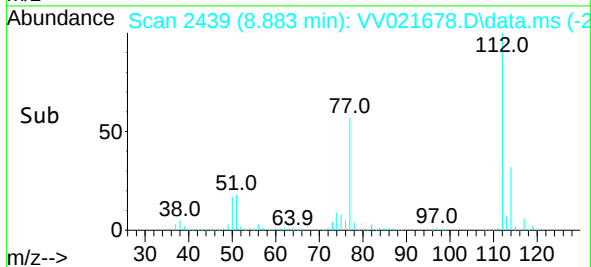
Tgt Ion:107 Resp: 126297
Ion Ratio Lower Upper
107 100
109 95.9 65.7 122.1
188 3.8 2.9 4.3

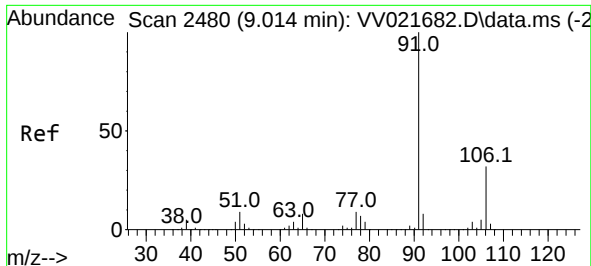


#51
Chlorobenzene
Concen: 36.780 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25



Tgt Ion:112 Resp: 314717
Ion Ratio Lower Upper
112 100
114 32.1 22.5 41.9
77 57.0 45.0 67.6





#52

Ethylbenzene

Concen: 36.039 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.000 min

Lab File: VV021678.D

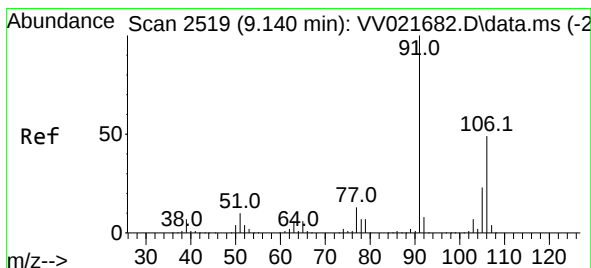
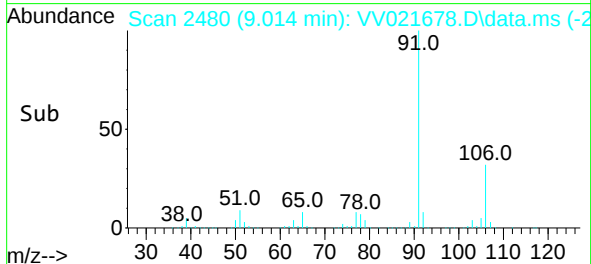
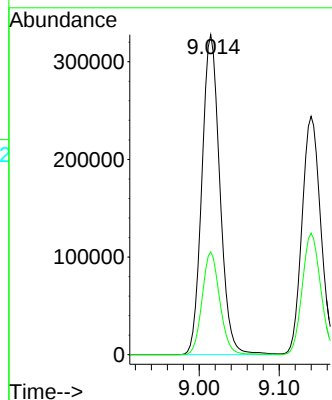
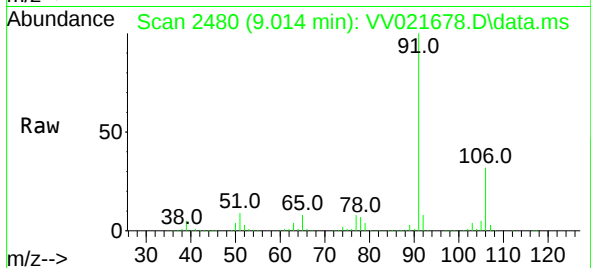
Acq: 19 Jul 2021 13:25

Tgt Ion: 91 Resp: 513802

Ion Ratio Lower Upper

91 100

106 32.2 22.1 41.1



#53

m,p-Xylene

Concen: 36.885 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.000 min

Lab File: VV021678.D

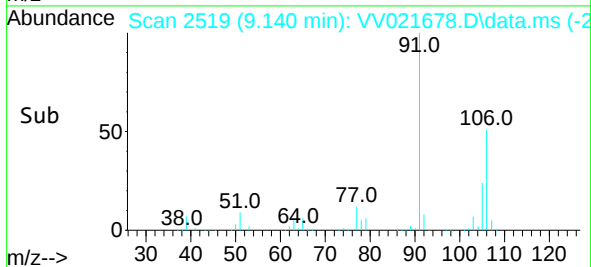
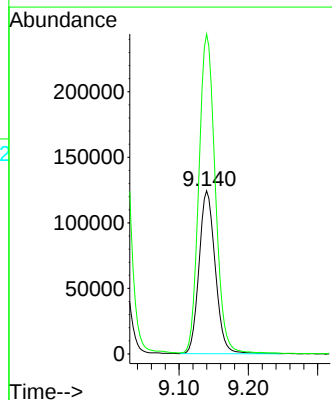
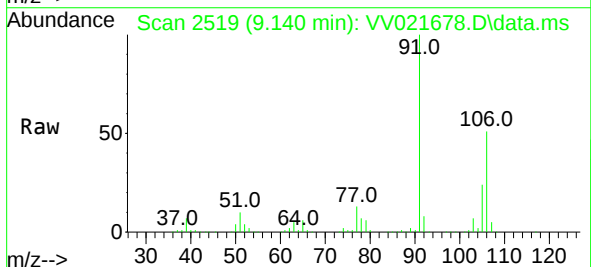
Acq: 19 Jul 2021 13:25

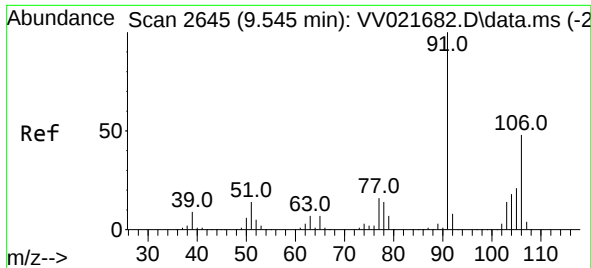
Tgt Ion: 106 Resp: 201834

Ion Ratio Lower Upper

106 100

91 196.1 142.0 263.6

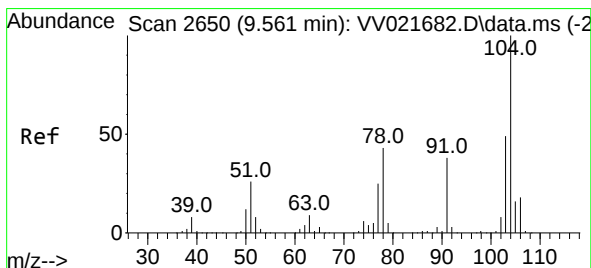
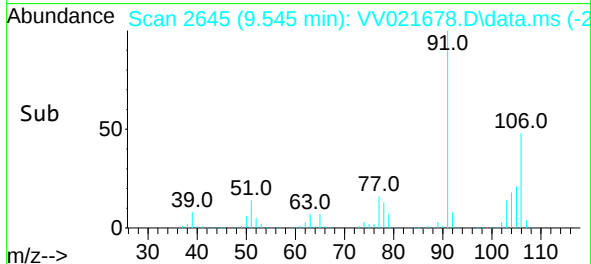
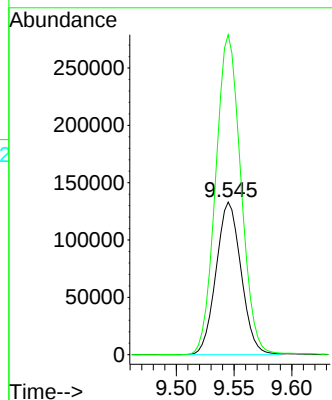
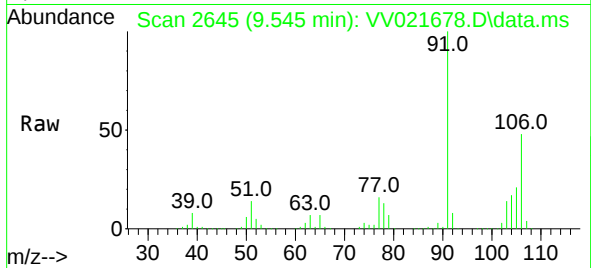




#54
o-Xylene
Concen: 36.736 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

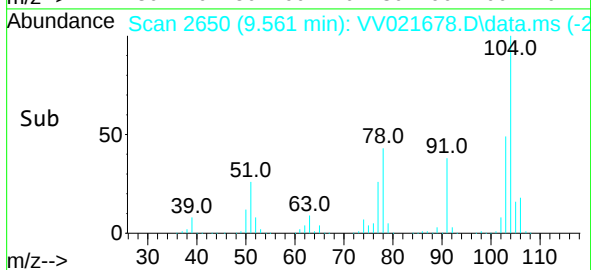
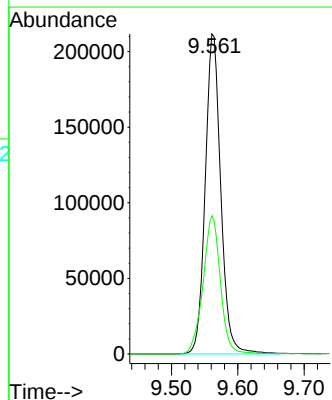
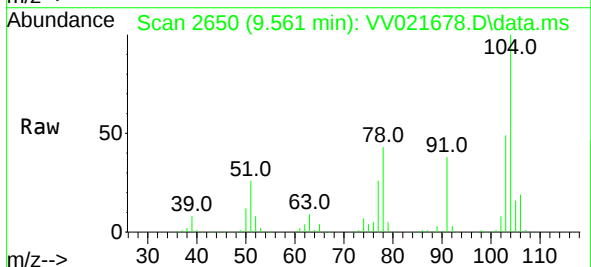
Instrument :
MSVOA_V
ClientSampleId :
VSTD050227

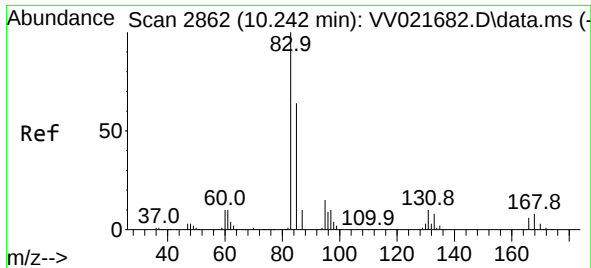
Tgt Ion:106 Resp: 200652
Ion Ratio Lower Upper
106 100
91 209.6 146.8 272.6



#55
Styrene
Concen: 37.295 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

Tgt Ion:104 Resp: 344749
Ion Ratio Lower Upper
104 100
78 43.2 30.1 55.9

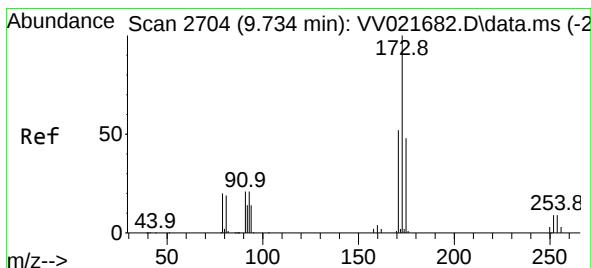
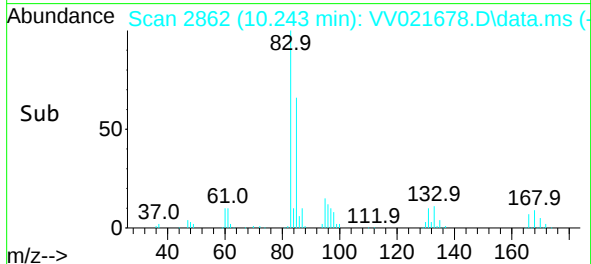
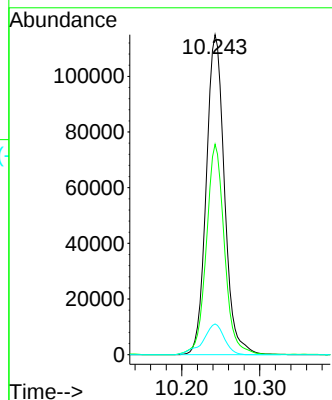
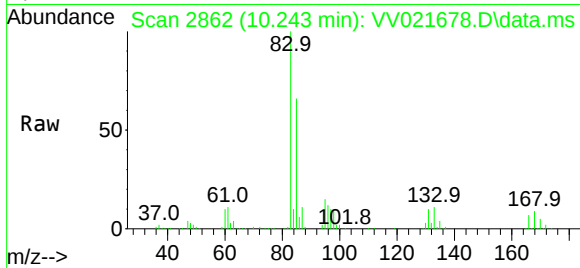




#57
1,1,2,2-Tetrachloroethane
Concen: 38.128 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

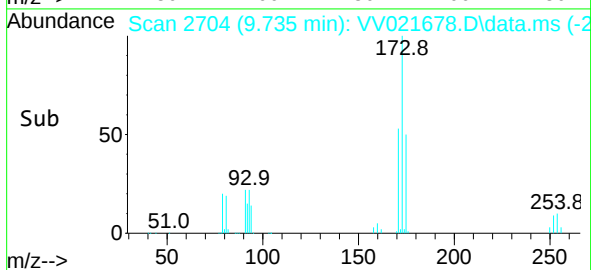
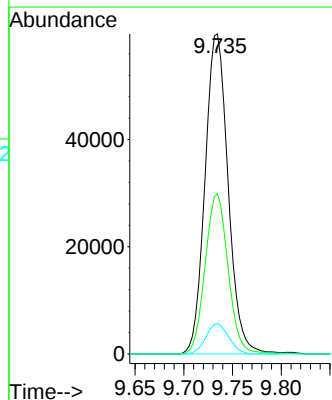
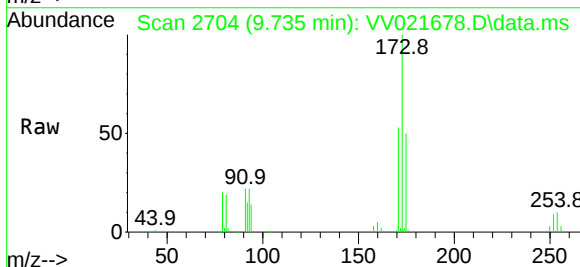
Instrument :
MSVOA_V
ClientSampleId :
VSTD050227

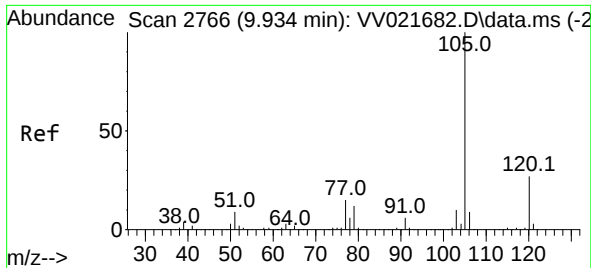
Tgt Ion: 83 Resp: 186387
Ion Ratio Lower Upper
83 100
85 65.8 45.3 84.1
131 9.6 8.2 12.2



#59
Bromoform
Concen: 36.271 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

Tgt Ion: 173 Resp: 98501
Ion Ratio Lower Upper
173 100
175 49.8 38.3 57.5
254 9.4 7.0 10.4

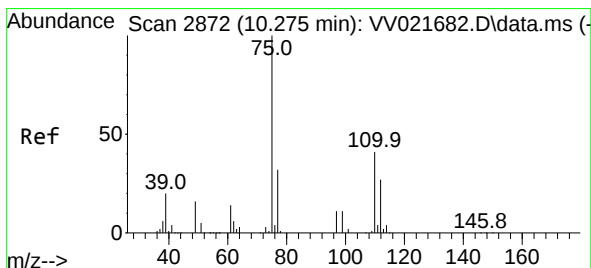
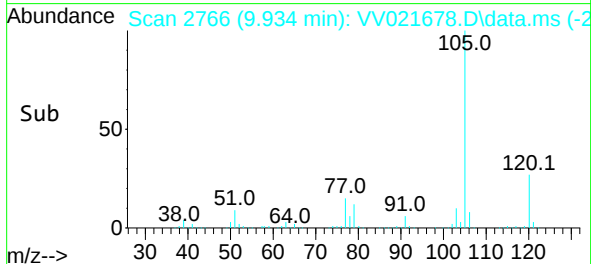
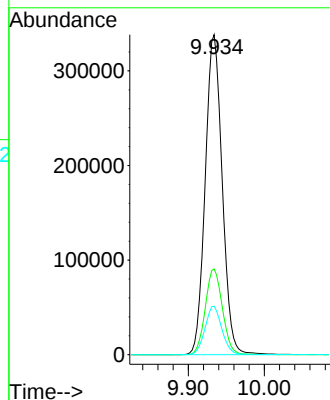
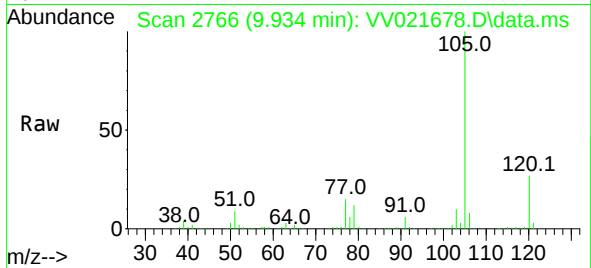




#60
Isopropylbenzene
Concen: 36.268 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

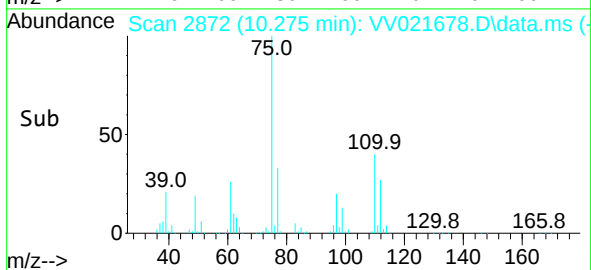
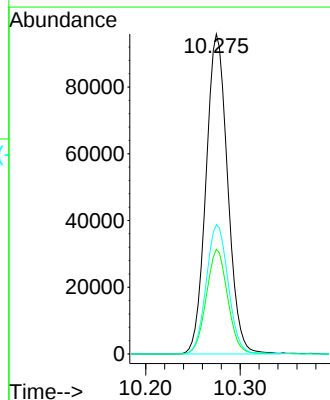
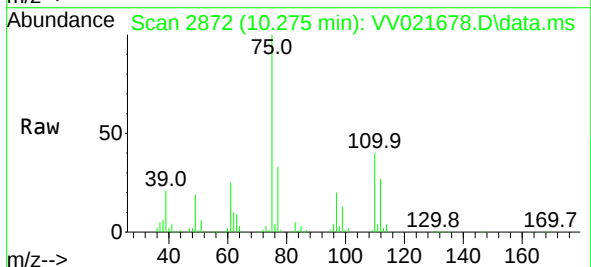
Instrument :
MSVOA_V
ClientSampleId :
VSTD050227

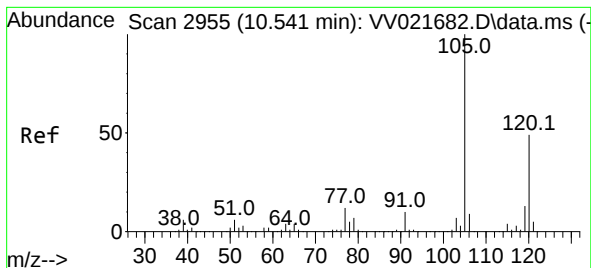
Tgt Ion:105 Resp: 524468
Ion Ratio Lower Upper
105 100
120 27.0 21.5 32.3
77 15.1 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 37.147 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

Tgt Ion: 75 Resp: 152567
Ion Ratio Lower Upper
75 100
77 32.2 26.1 39.1
110 40.9 32.9 49.3

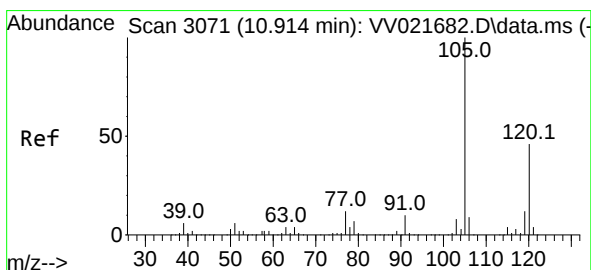
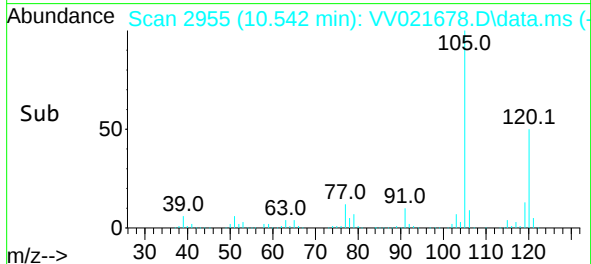
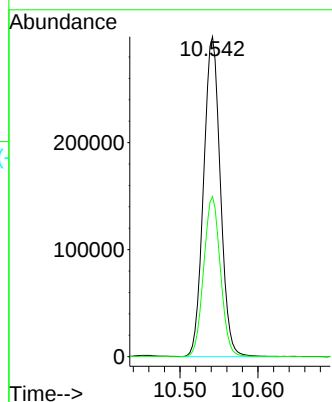
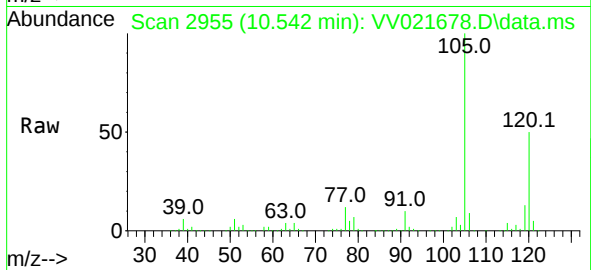




#62
1,3,5-Trimethylbenzene
Concen: 36.316 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

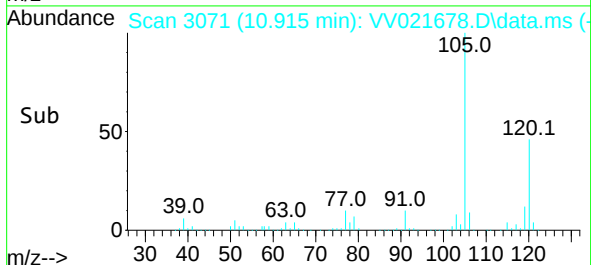
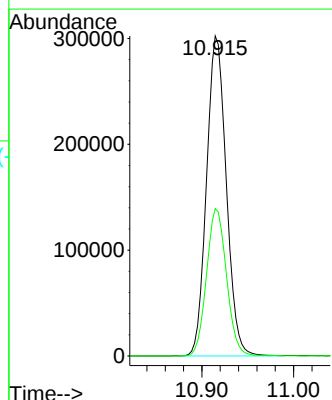
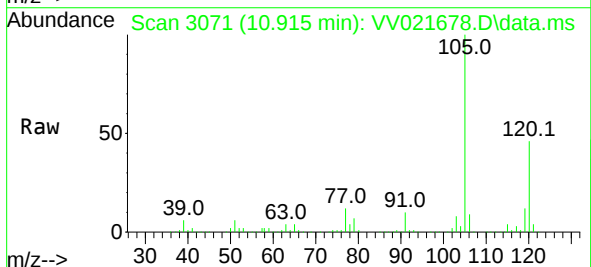
Instrument :
MSVOA_V
ClientSampleId :
VSTD050227

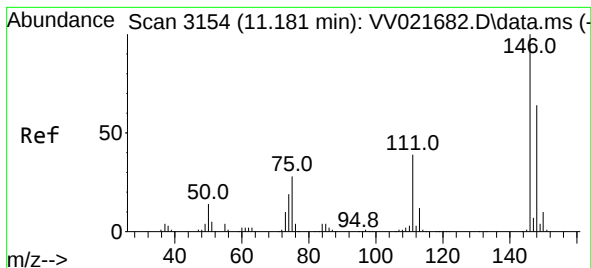
Tgt Ion:105 Resp: 447393
Ion Ratio Lower Upper
105 100
120 49.9 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 36.367 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

Tgt Ion:105 Resp: 452719
Ion Ratio Lower Upper
105 100
120 46.5 37.0 55.4





#64

1,3-Dichlorobenzene

Concen: 36.867 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.000 min

Lab File: VV021678.D

Acq: 19 Jul 2021 13:25

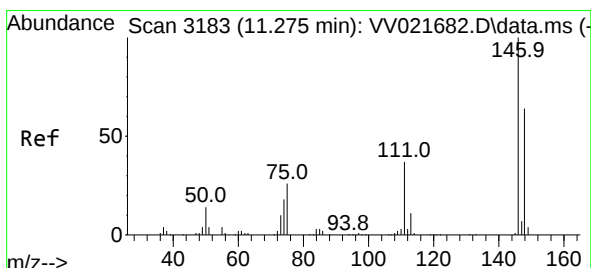
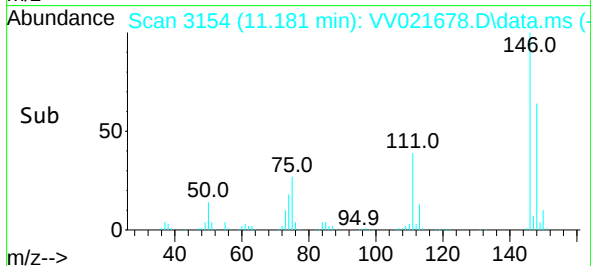
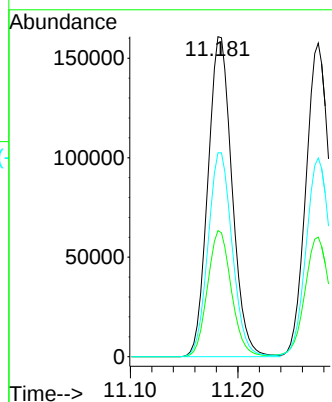
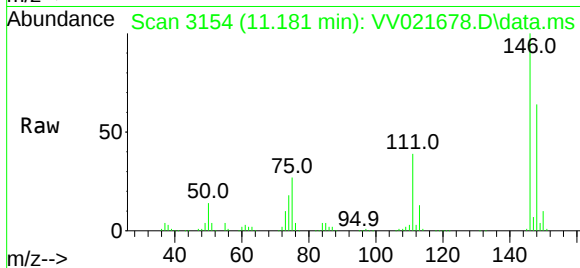
Tgt Ion:146 Resp: 250843

Ion Ratio Lower Upper

146 100

111 39.4 27.2 50.6

148 63.7 44.7 82.9



#65

1,4-Dichlorobenzene

Concen: 36.330 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.000 min

Lab File: VV021678.D

Acq: 19 Jul 2021 13:25

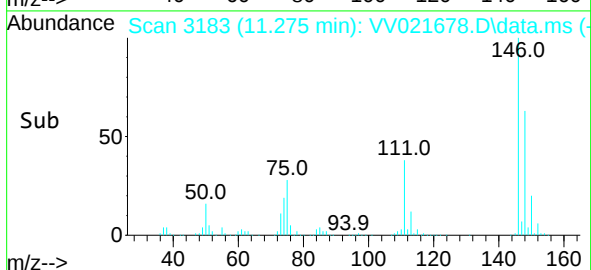
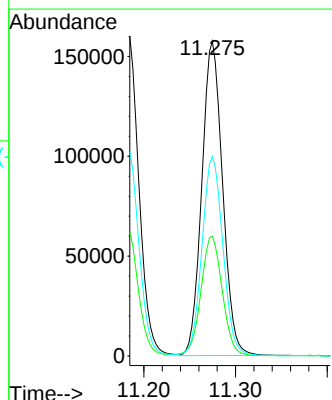
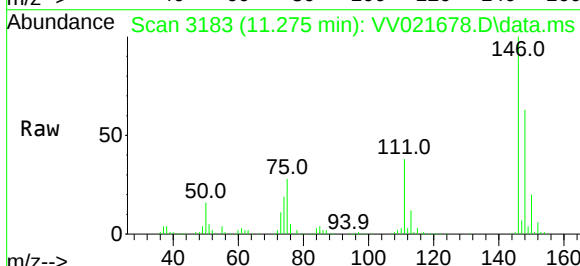
Tgt Ion:146 Resp: 247590

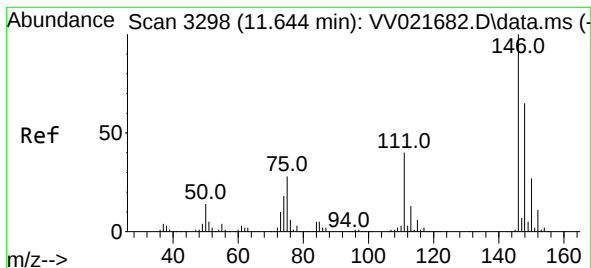
Ion Ratio Lower Upper

146 100

111 38.1 26.1 48.5

148 63.4 44.8 83.2

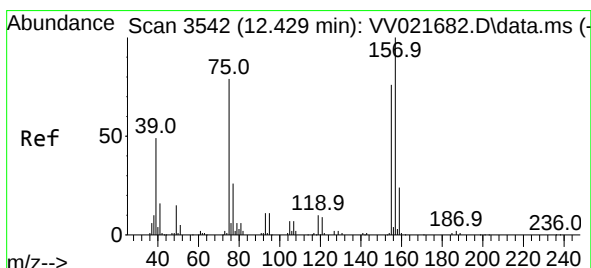
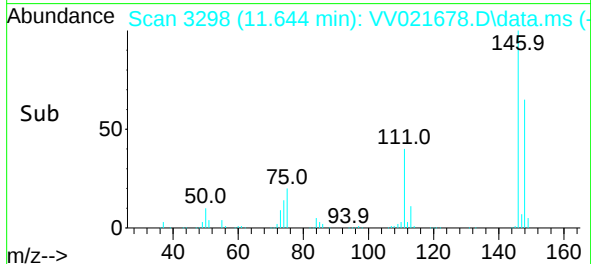
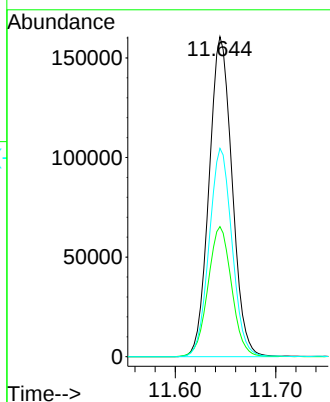
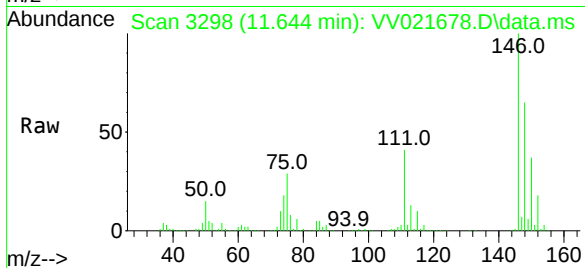




#67
1,2-Dichlorobenzene
Concen: 37.469 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

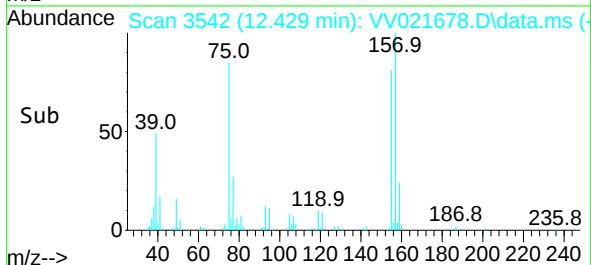
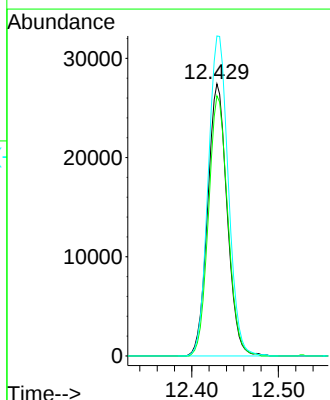
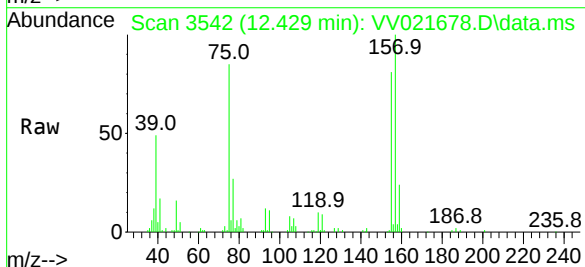
Instrument :
MSVOA_V
ClientSampleId :
VSTD050227

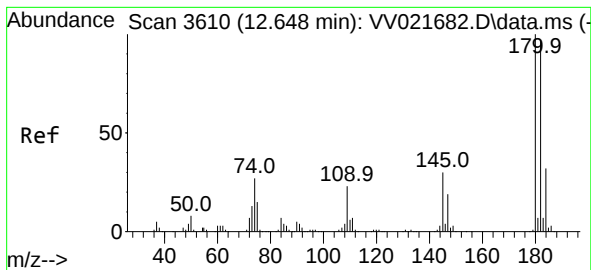
Tgt Ion:146 Resp: 255934
Ion Ratio Lower Upper
146 100
111 40.7 32.1 48.1
148 65.1 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 35.870 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

Tgt Ion: 75 Resp: 42941
Ion Ratio Lower Upper
75 100
155 95.6 77.0 115.4
157 117.6 100.7 151.1

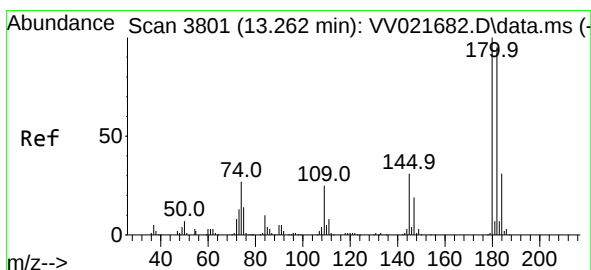
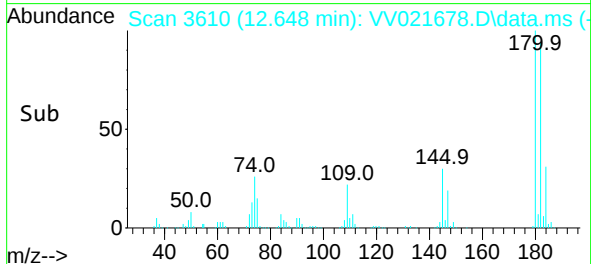
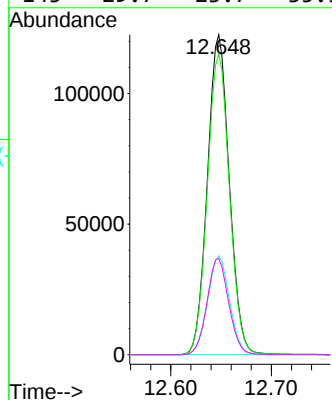
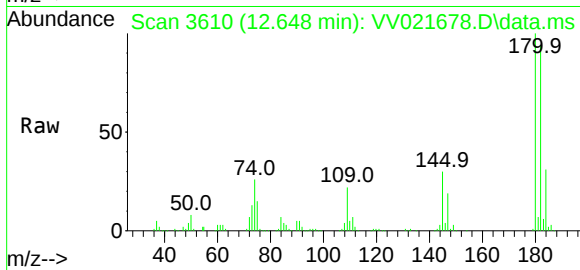




#69
 1,3,5-Trichlorobenzene
 Concen: 36.496 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. 0.000 min
 Lab File: VV021678.D
 Acq: 19 Jul 2021 13:25

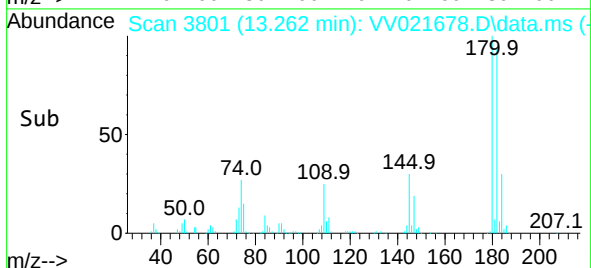
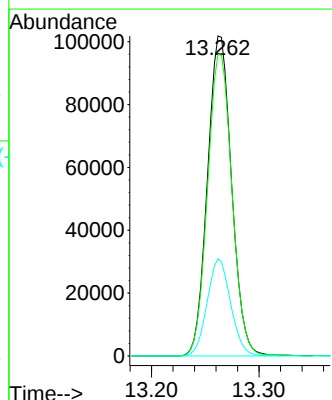
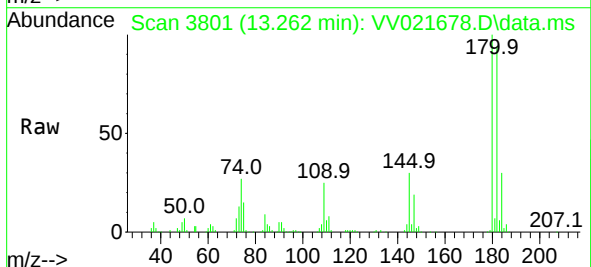
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050227

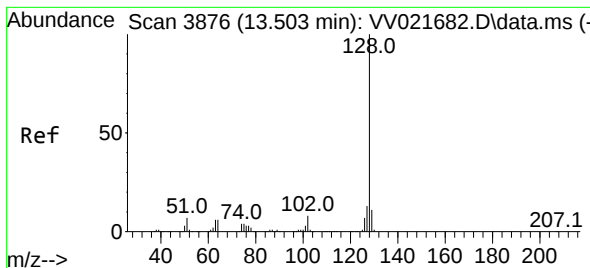
Tgt Ion:	180	Resp:	185325
Ion Ratio	Lower	Upper	
180	100		
182	95.2	75.9	113.9
184	30.8	24.9	37.3
145	29.7	23.7	35.5



#70
 1,2,4-trichlorobenzene
 Concen: 36.190 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV021678.D
 Acq: 19 Jul 2021 13:25

Tgt Ion:	180	Resp:	158514
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.7	115.1
145	29.6	24.5	36.7

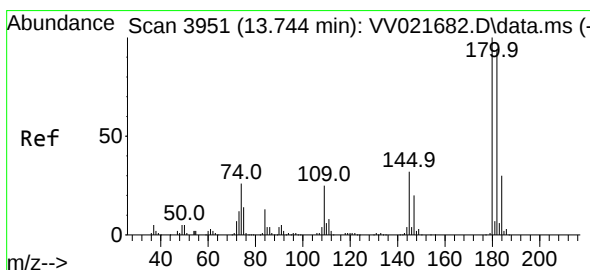
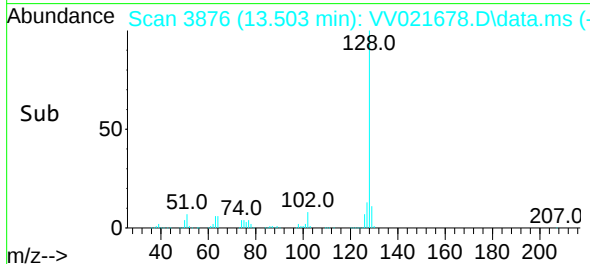
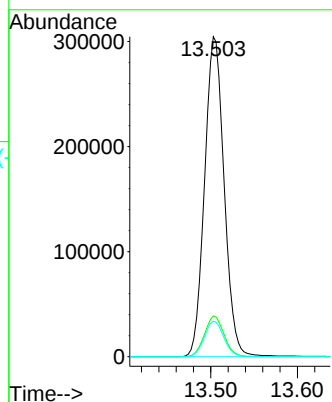
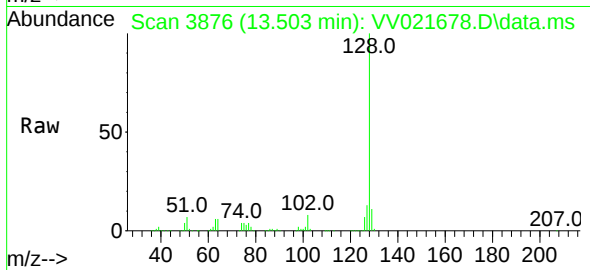




#71
Naphthalene
Concen: 35.752 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

Instrument :
MSVOA_V
ClientSampleId :
VSTD050227

Tgt Ion:128 Resp: 477434
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.1 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 36.774 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV021678.D
Acq: 19 Jul 2021 13:25

Tgt Ion:180 Resp: 160129
Ion Ratio Lower Upper
180 100
182 96.5 75.8 113.8
145 32.6 25.5 38.3

