

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071921\
 Data File : VW021676.D
 Acq On : 19 Jul 2021 12:37
 Operator : SY/MD
 Sample : VSTD00525
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005225

Quant Time: Jul 20 01:27:18 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	5.616	114	482209	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	449509	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	224182	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	17538	5.635	ug/L	0.00
7) Chloroethane-d5	1.564	69	12542	5.019	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	28859	5.168	ug/L	0.00
21) 2-Butanone-d5	3.895	46	22823	8.786	ug/L	0.02
24) Chloroform-d	4.352	84	31912	4.992	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	18518	4.912	ug/L	0.00
32) Benzene-d6	5.050	84	63812	4.988	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	20027	4.956	ug/L	0.00
41) Toluene-d8	7.320	98	59246	4.997	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	9396	4.678	ug/L	0.00
47) 2-Hexanone-d5	8.095	63	15030	8.097	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25509	4.726	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	22937	5.064	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	19330	4.817	ug/L	96
3) Chloromethane	1.240	50	17899	4.638	ug/L	100
5) Vinyl chloride	1.307	62	18276	4.729	ug/L	98
6) Bromomethane	1.519	94	11373	5.436	ug/L	100
8) Chloroethane	1.584	64	11046	4.987	ug/L	97
9) Trichlorofluoromethane	1.751	101	26415	5.319	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	15369	5.465	ug/L	97
12) 1,1-Dichloroethene	2.117	96	14210	5.277	ug/L	85
13) Acetone	2.169	43	22191	11.035	ug/L	99
14) Carbon disulfide	2.291	76	42239	4.544	ug/L	99
15) Methyl Acetate	2.432	43	18424	4.686	ug/L	100
16) Methylene chloride	2.506	84	22899	6.198	ug/L	97
17) trans-1,2-Dichloroethene	2.760	96	16059	4.888	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	53553	4.988	ug/L	97
19) 1,1-Dichloroethane	3.188	63	29822	4.949	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	18446	5.012	ug/L	94
22) 2-Butanone	3.979	43	26158	9.105	ug/L	94
23) Bromochloromethane	4.252	128	9811	5.055	ug/L	96
25) Chloroform	4.378	83	31850	5.176	ug/L	100
27) 1,2-Dichloroethane	5.133	62	22615	5.079	ug/L	96
29) Cyclohexane	4.677	56	26098	4.693	ug/L	97
30) 1,1,1-Trichloroethane	4.609	97	28300	5.054	ug/L	98
31) Carbon tetrachloride	4.825	117	23665	4.833	ug/L	98
33) Benzene	5.101	78	65487	4.829	ug/L	100
34) Trichloroethene	5.915	95	18380	5.024	ug/L	90
35) Methylcyclohexane	6.130	83	27786	4.835	ug/L	96
37) 1,2-Dichloropropane	6.175	63	17168	4.840	ug/L	100
38) Bromodichloromethane	6.513	83	23348	4.909	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	27272	4.702	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	47771	9.236	ug/L	99
42) Toluene	7.390	91	72400	4.989	ug/L	100
44) trans-1,3-Dichloropropene	7.657	75	25529	4.716	ug/L	97

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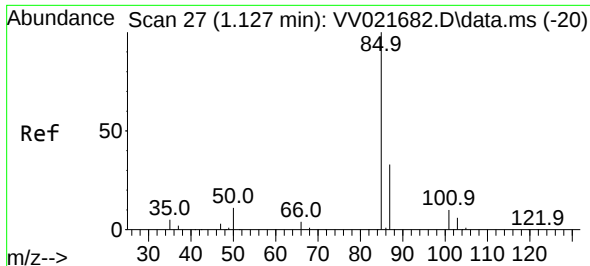
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.841	97	17512	5.042	ug/L	99
46) Tetrachloroethene	7.976	164	14442	4.978	ug/L	97
48) 2-Hexanone	8.143	43	39313	9.659	ug/L	97
49) Dibromochloromethane	8.246	129	19423	4.888	ug/L	96
50) 1,2-Dibromoethane	8.355	107	18572	4.902	ug/L	92
51) Chlorobenzene	8.882	112	47560	5.032	ug/L	99
52) Ethylbenzene	9.014	91	76536	4.860	ug/L	98
53) m,p-Xylene	9.140	106	29664	4.908	ug/L	98
54) o-Xylene	9.545	106	30058	4.982	ug/L	99
55) Styrene	9.564	104	49533	4.851	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.242	83	25426	4.709	ug/L	99
59) Bromoform	9.734	173	14210	4.985	ug/L	98
60) Isopropylbenzene	9.934	105	77592	5.112	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	22599	5.242	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	65346	5.053	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	65373	5.003	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	36658	5.133	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	37006	5.173	ug/L	96
67) 1,2-Dichlorobenzene	11.644	146	37726	5.262	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5261	4.187	ug/L	92
69) 1,3,5-Trichlorobenzene	12.648	180	25775	4.836	ug/L	96
70) 1,2,4-trichlorobenzene	13.265	180	21374	4.649	ug/L	99
71) Naphthalene	13.506	128	61411	4.381	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	22587	4.942	ug/L	97

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

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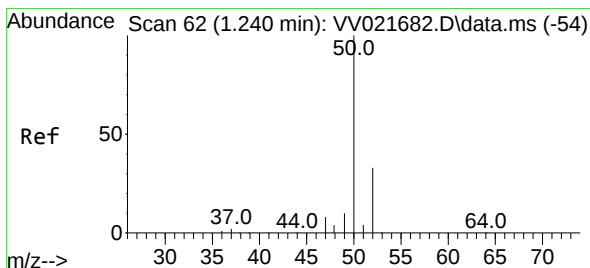
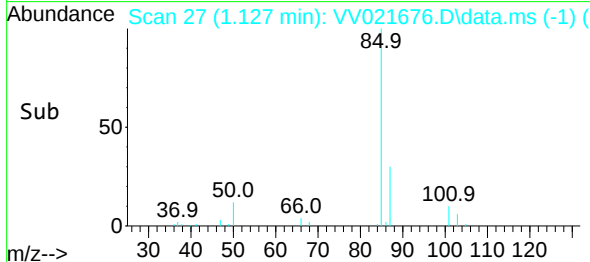
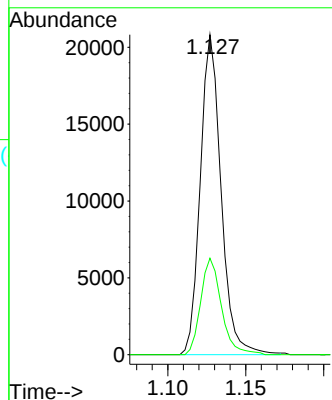
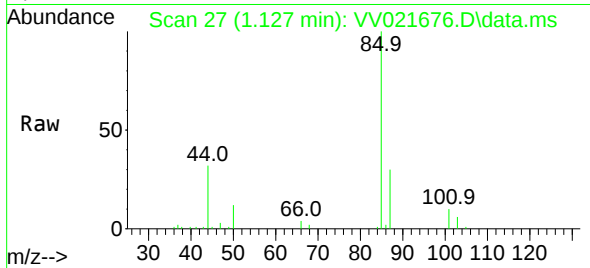




#2
 Dichlorodifluoromethane
 Concen: 4.817 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV021676.D
 Acq: 19 Jul 2021 12:37

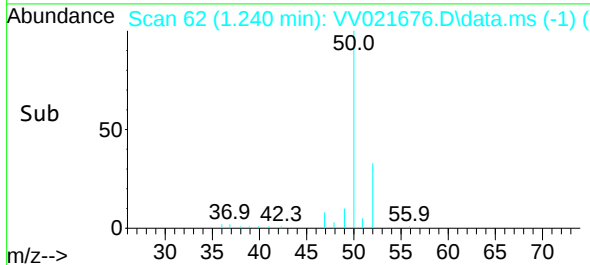
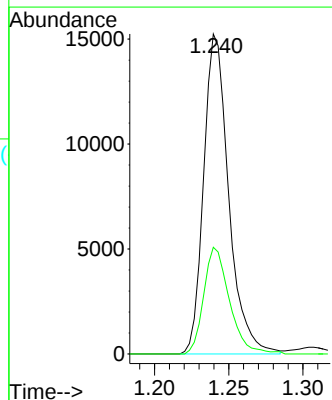
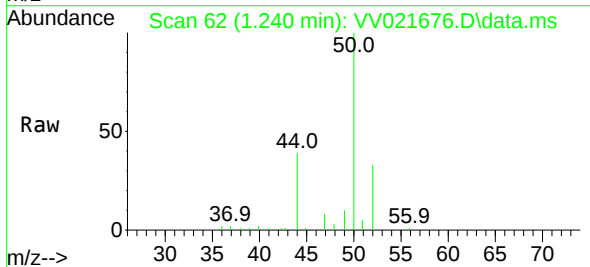
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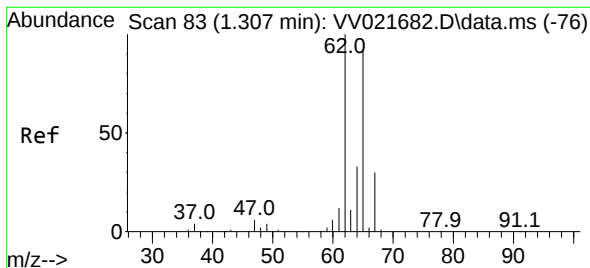
Tgt Ion: 85 Resp: 19330
 Ion Ratio Lower Upper
 85 100
 87 30.0 26.0 39.0



#3
 Chloromethane
 Concen: 4.638 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV021676.D
 Acq: 19 Jul 2021 12:37

Tgt Ion: 50 Resp: 17899
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.2 43.2

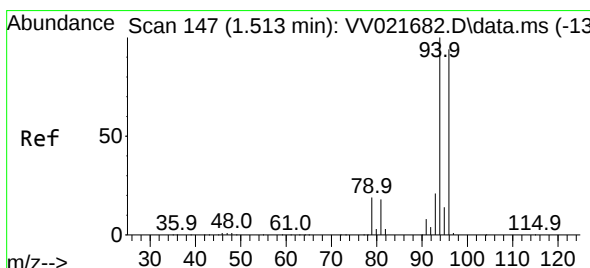
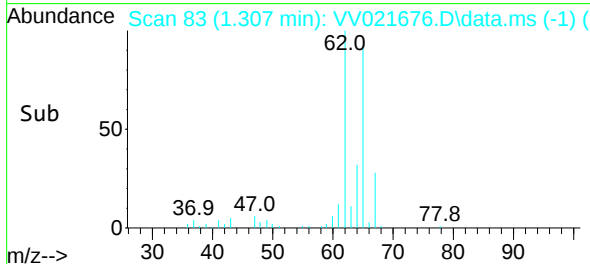
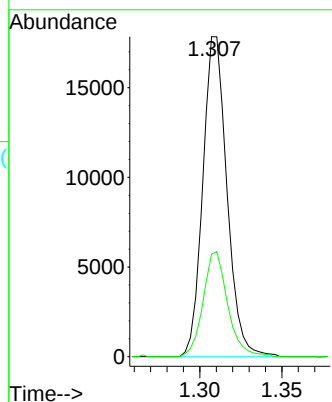
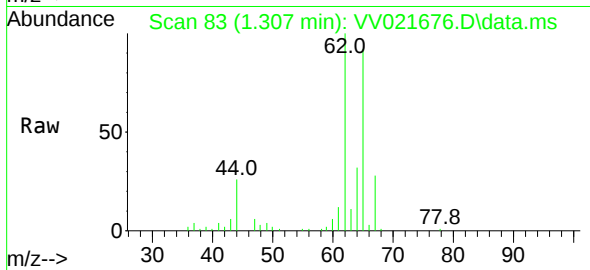




#5
 Vinyl chloride
 Concen: 4.729 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV021676.D
 Acq: 19 Jul 2021 12:37

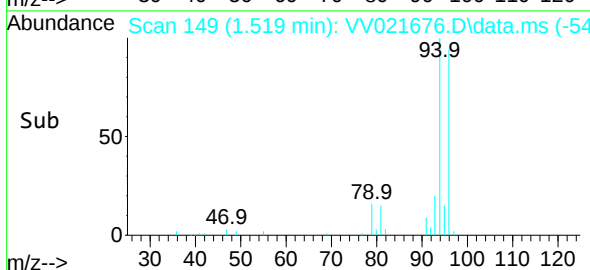
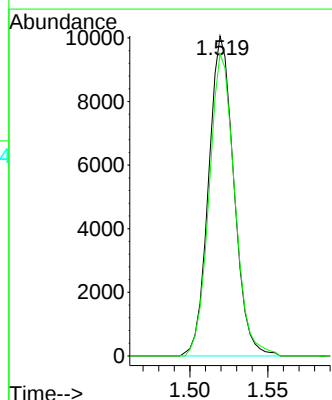
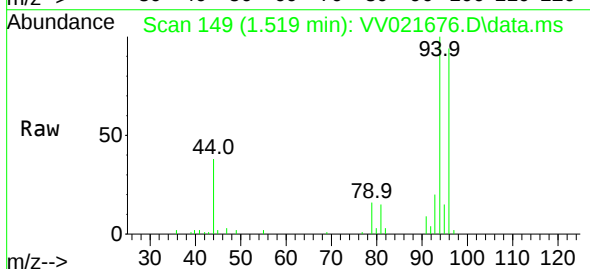
Instrument :
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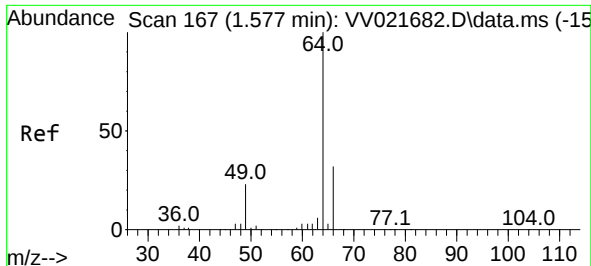
Tgt Ion: 62 Resp: 18276
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.4 43.4



#6
 Bromomethane
 Concen: 5.436 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VV021676.D
 Acq: 19 Jul 2021 12:37

Tgt Ion: 94 Resp: 11373
 Ion Ratio Lower Upper
 94 100
 96 94.4 66.0 122.6

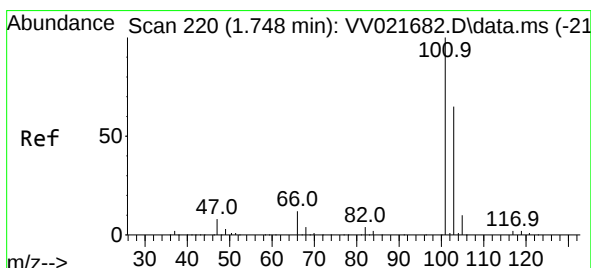
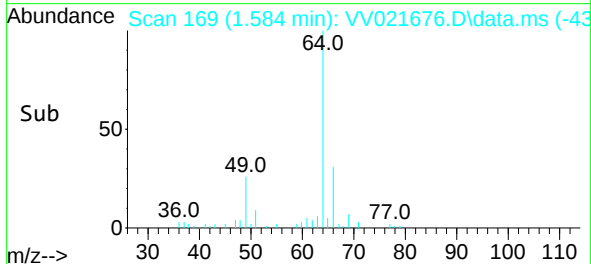
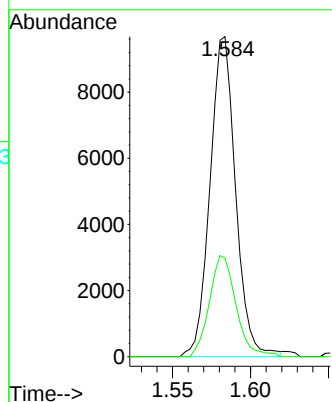
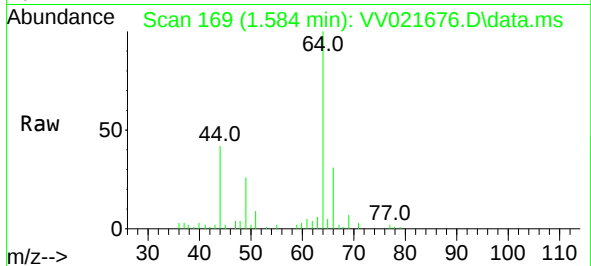




#8
Chloroethane
Concen: 4.987 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.006 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

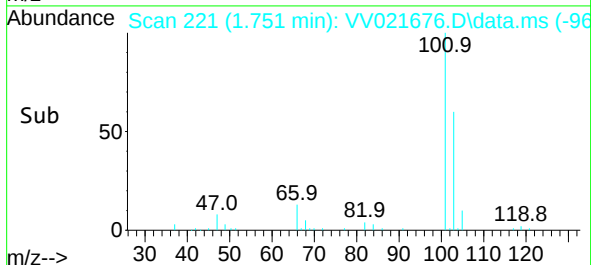
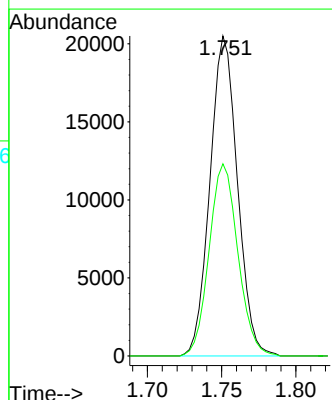
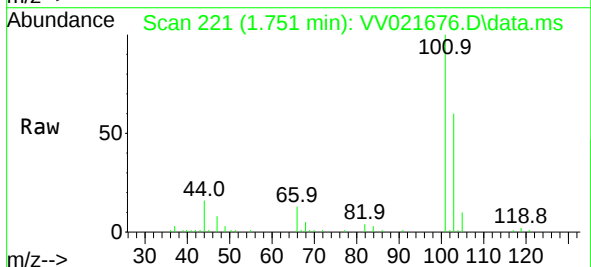
Instrument :
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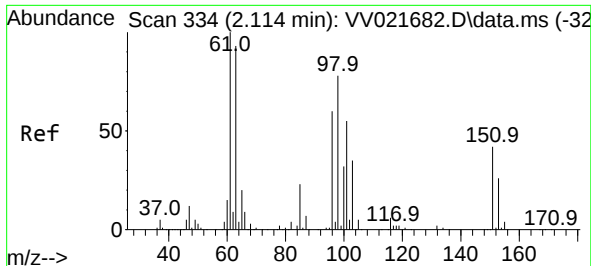
Tgt Ion: 64 Resp: 11046
Ion Ratio Lower Upper
64 100
66 30.8 22.7 42.1



#9
Trichlorofluoromethane
Concen: 5.319 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

Tgt Ion:101 Resp: 26415
Ion Ratio Lower Upper
101 100
103 62.7 51.4 77.0





#10

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

Concen: 5.465 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV021676.D

Acq: 19 Jul 2021 12:37

Tgt Ion:101 Resp: 15369

Ion Ratio Lower Upper

101 100

85 41.0 33.6 50.4

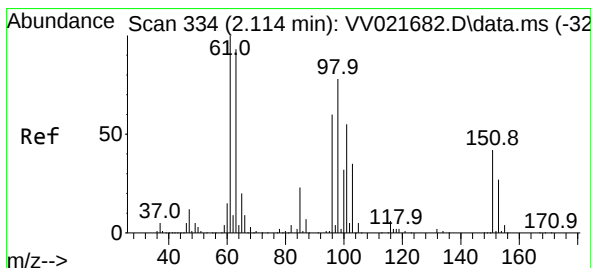
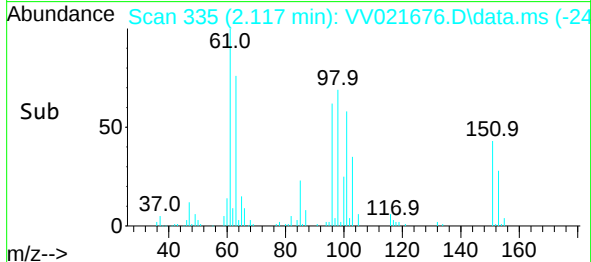
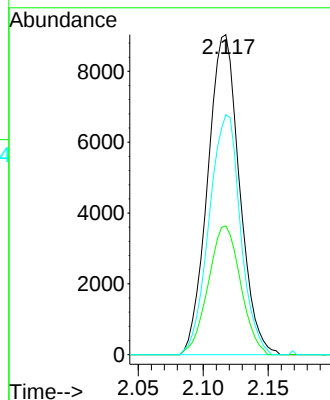
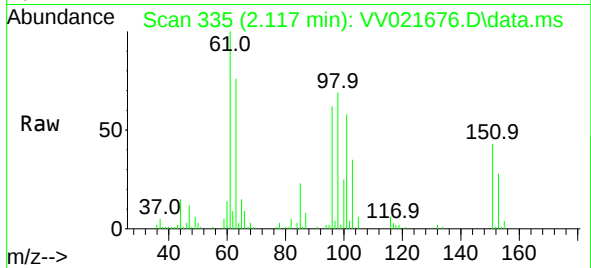
151 73.9 62.0 93.0

Instrument :

MSVOA_V

ClientSampleId :

VSTD005225



#12

1,1-Dichloroethene

Concen: 5.277 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV021676.D

Acq: 19 Jul 2021 12:37

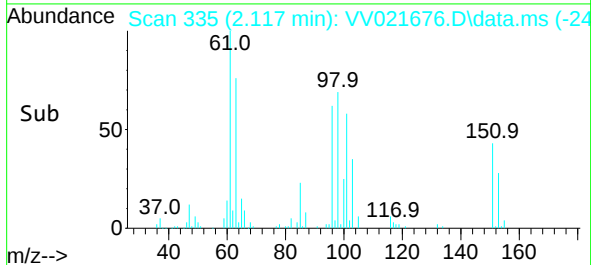
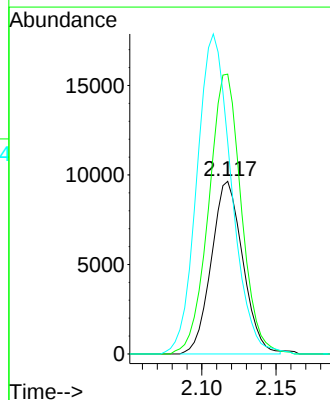
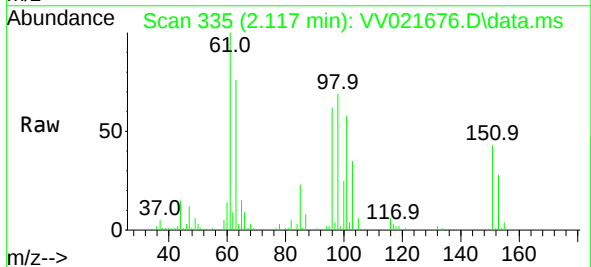
Tgt Ion: 96 Resp: 14210

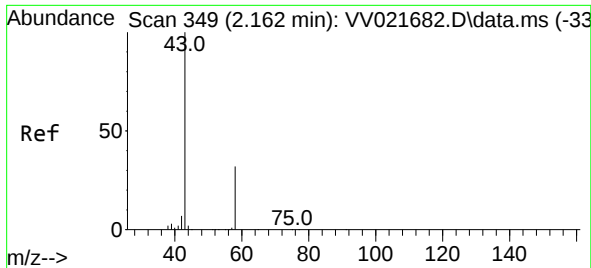
Ion Ratio Lower Upper

96 100

61 162.1 117.5 218.1

63 122.7 110.1 204.5

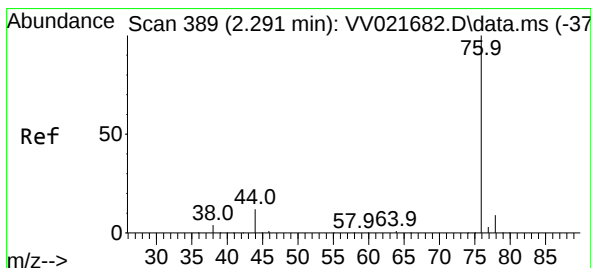
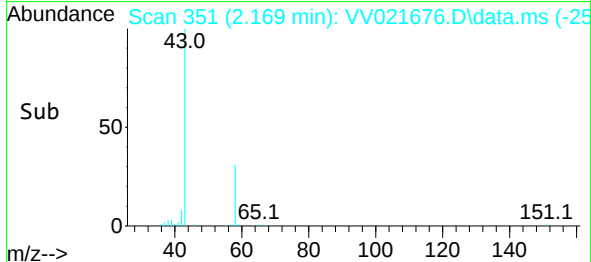
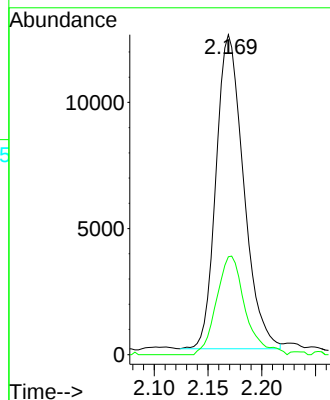
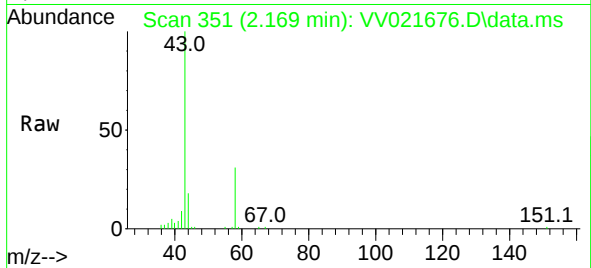




#13
Acetone
Concen: 11.035 ug/L
RT: 2.169 min Scan# 351
Delta R.T. 0.006 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

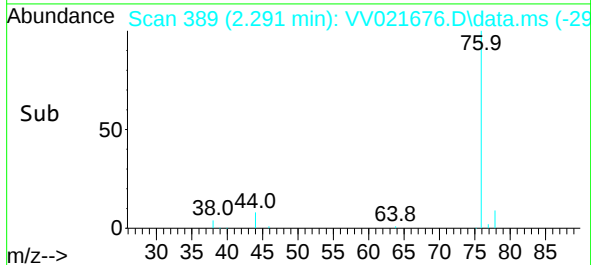
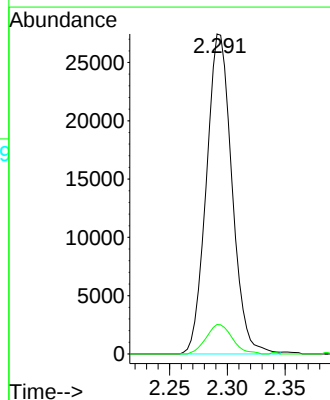
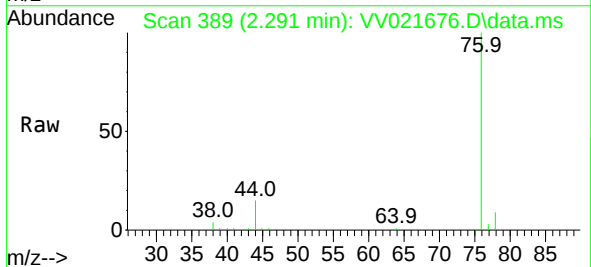
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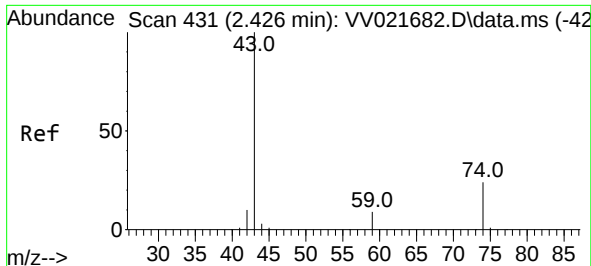
Tgt Ion: 43 Resp: 22191
Ion Ratio Lower Upper
43 100
58 31.9 0.0 64.6



#14
Carbon disulfide
Concen: 4.544 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

Tgt Ion: 76 Resp: 42239
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

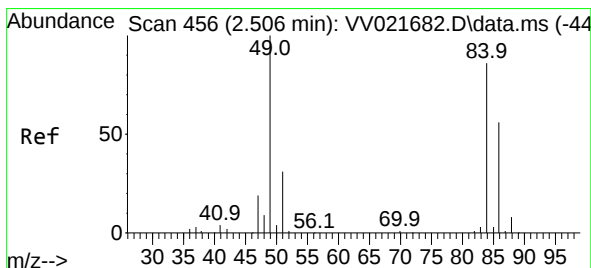
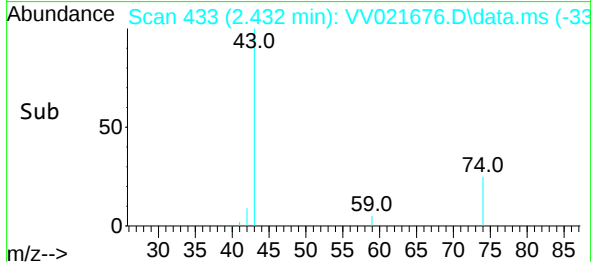
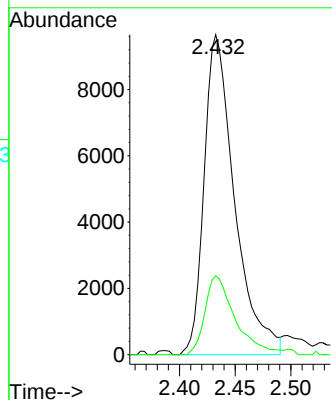
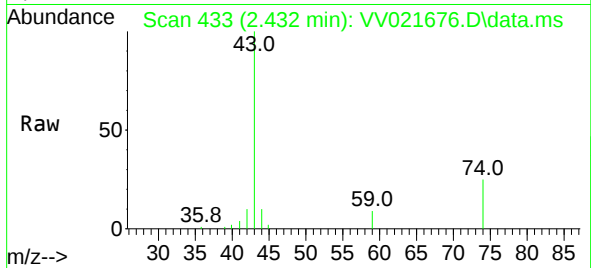




#15
Methyl Acetate
Concen: 4.686 ug/L
RT: 2.432 min Scan# 433
Delta R.T. 0.006 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

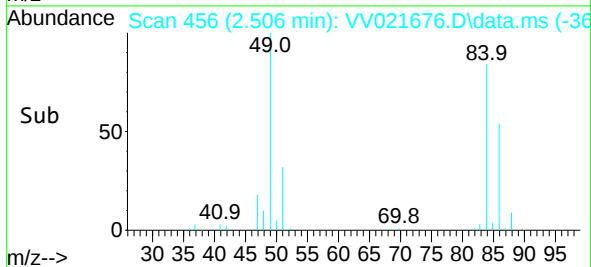
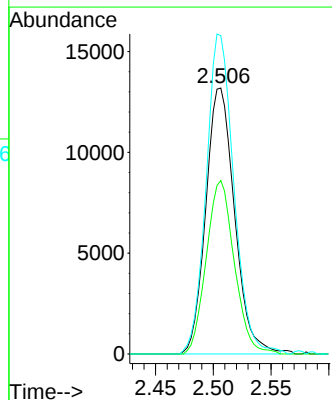
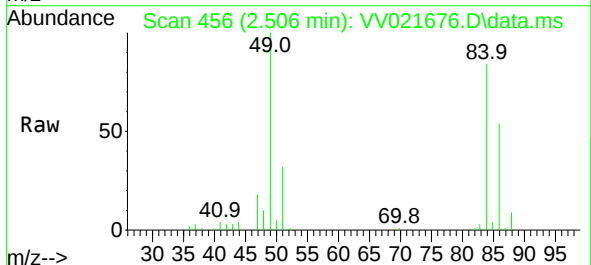
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ClientSampleId :
VSTD005225

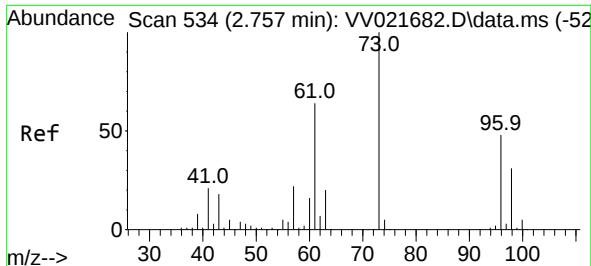
Tgt Ion: 43 Resp: 18424
Ion Ratio Lower Upper
43 100
74 24.0 19.3 28.9



#16
Methylene chloride
Concen: 6.198 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

Tgt Ion: 84 Resp: 22899
Ion Ratio Lower Upper
84 100
86 65.2 45.1 83.9
49 119.7 81.1 150.7

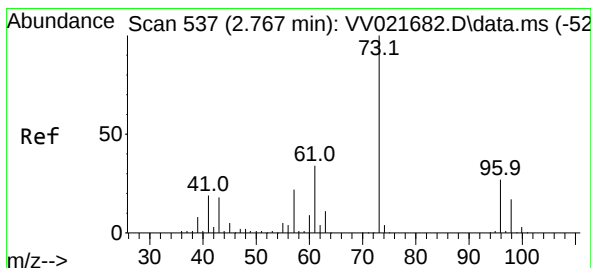
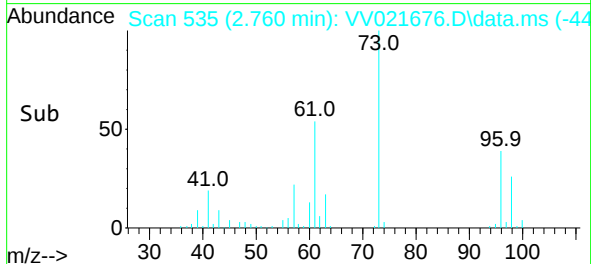
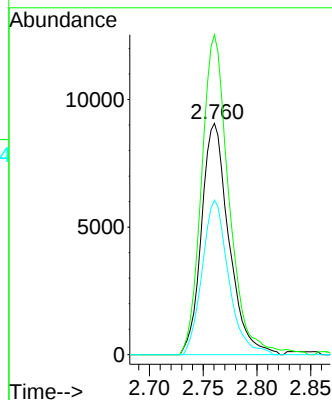
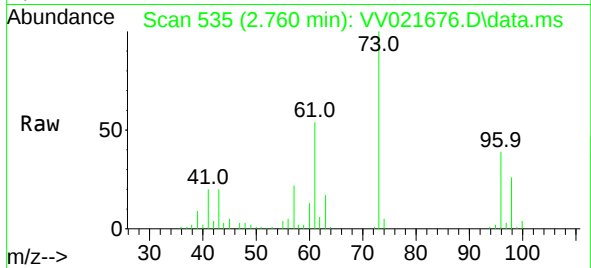




#17
trans-1,2-Dichloroethene
Concen: 4.888 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

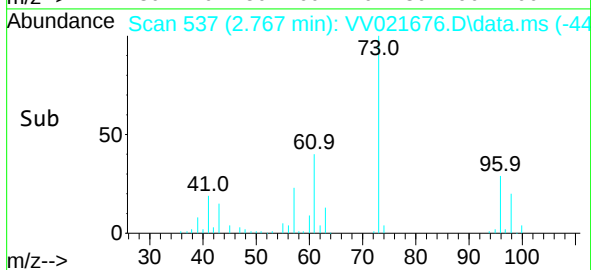
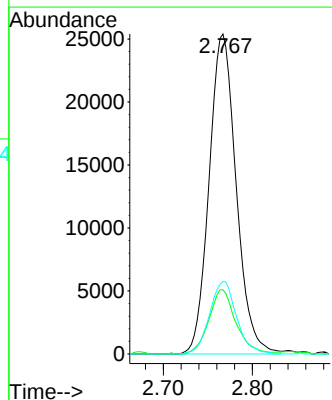
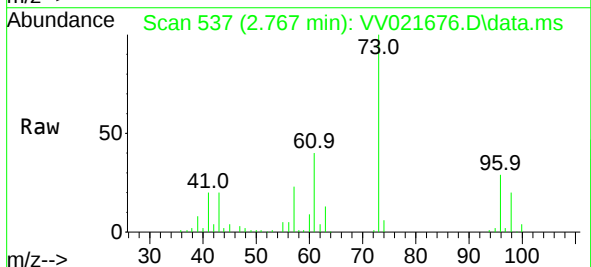
Instrument :
MSVOA_V
ClientSampleId :
VSTD005225

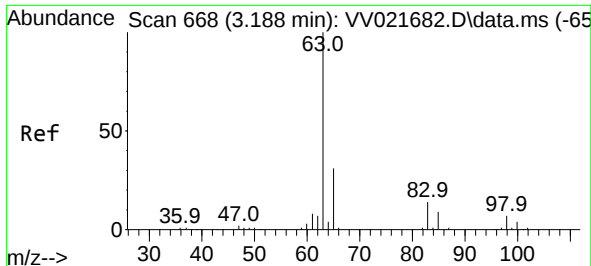
Tgt Ion: 96 Resp: 16059
Ion Ratio Lower Upper
96 100
61 138.3 93.7 174.1
98 66.8 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 4.988 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

Tgt Ion: 73 Resp: 53553
Ion Ratio Lower Upper
73 100
43 20.1 14.3 21.5
57 22.6 17.3 25.9





#19

1,1-Dichloroethane

Concen: 4.949 ug/L

RT: 3.188 min Scan# 668

Delta R.T. -0.000 min

Lab File: VV021676.D

Acq: 19 Jul 2021 12:37

Tgt Ion: 63 Resp: 29822

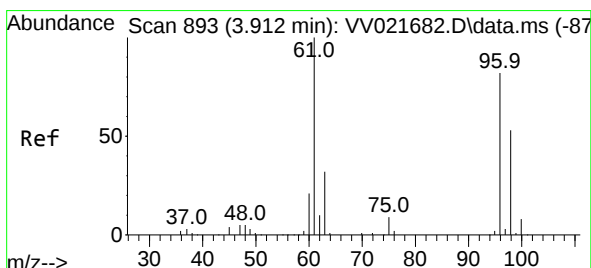
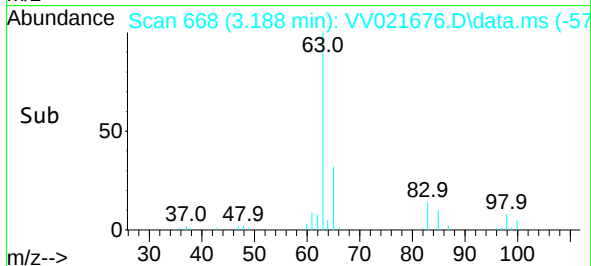
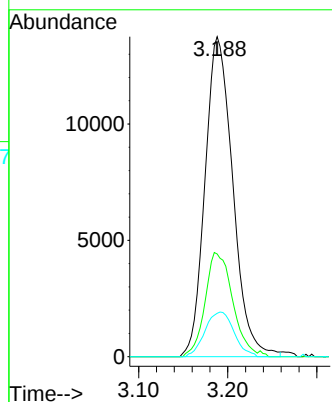
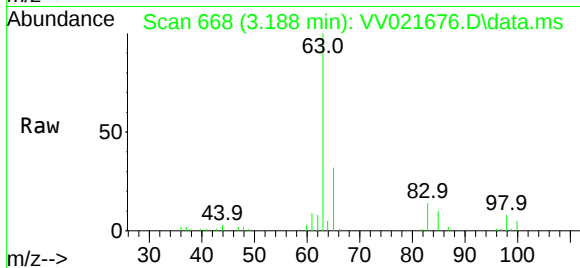
Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.0	40.8
83	13.5	9.7	18.1

Instrument :

MSVOA_V

ClientSampleId :

VSTD005225



#20

cis-1,2-Dichloroethene

Concen: 5.012 ug/L

RT: 3.912 min Scan# 893

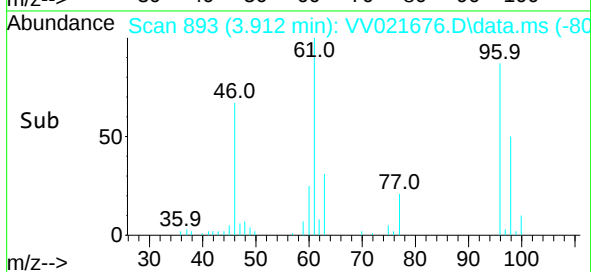
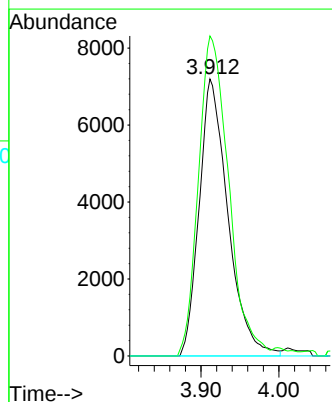
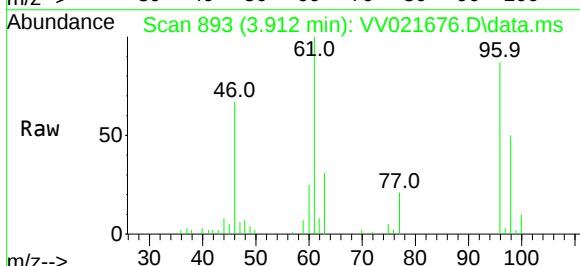
Delta R.T. -0.000 min

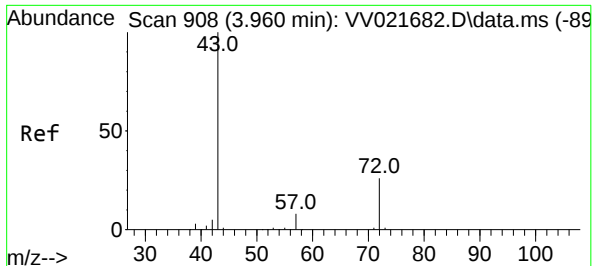
Lab File: VV021676.D

Acq: 19 Jul 2021 12:37

Tgt Ion: 96 Resp: 18446

Ion	Ratio	Lower	Upper
96	100		
61	115.6	85.3	158.3
68	0.0	0.0	0.0

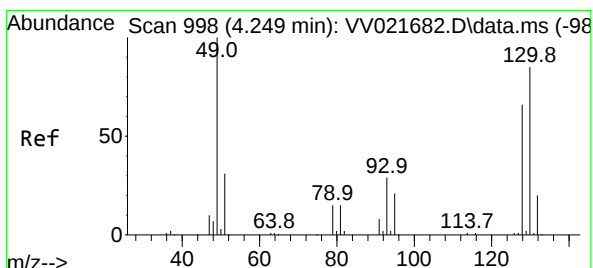
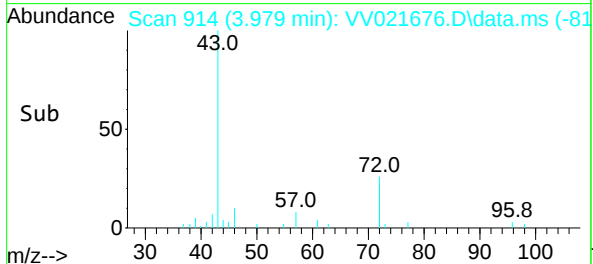
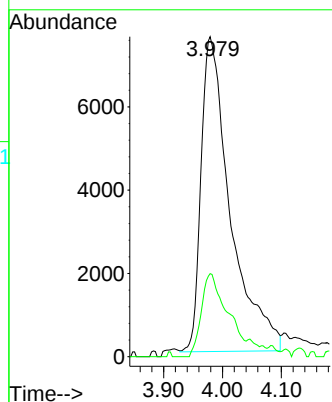
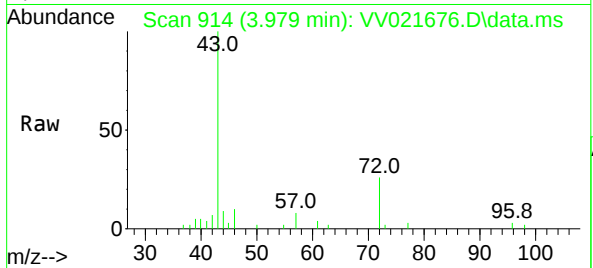




#22
2-Butanone
Concen: 9.105 ug/L
RT: 3.979 min Scan# 914
Delta R.T. 0.019 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

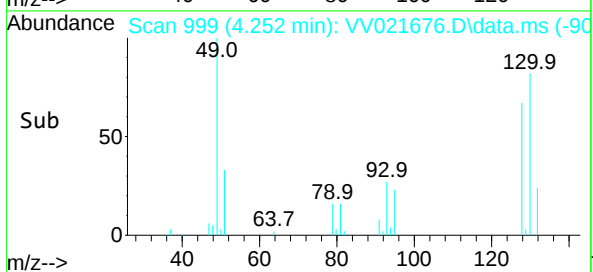
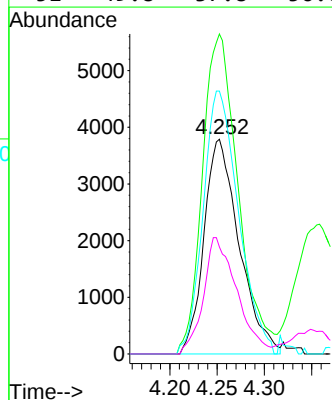
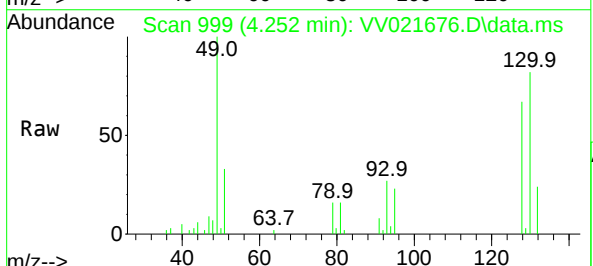
Instrument :
MSVOA_V
ClientSampleId :
VSTD005225

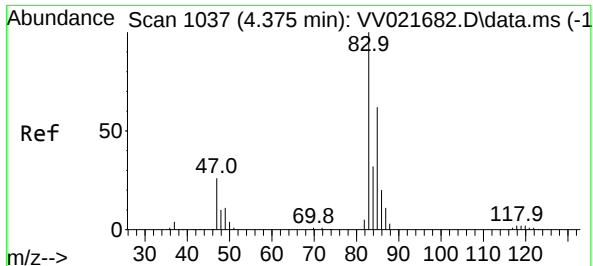
Tgt Ion: 43 Resp: 26158
Ion Ratio Lower Upper
43 100
72 23.4 13.2 39.5



#23
Bromochloromethane
Concen: 5.055 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.003 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

Tgt Ion: 128 Resp: 9811
Ion Ratio Lower Upper
128 100
49 149.0 106.8 198.4
130 122.5 90.6 168.2
51 49.8 37.8 56.6





#25

Chloroform

Concen: 5.176 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VV021676.D

Acq: 19 Jul 2021 12:37

Instrument :

MSVOA_V

ClientSampleId :

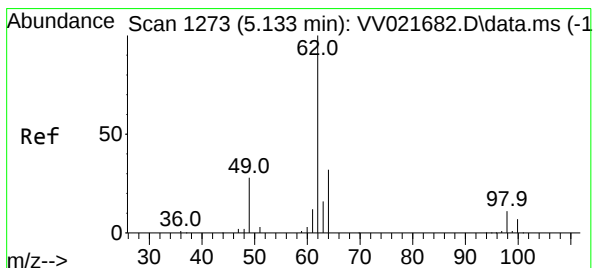
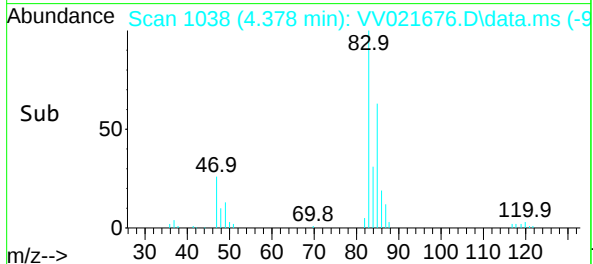
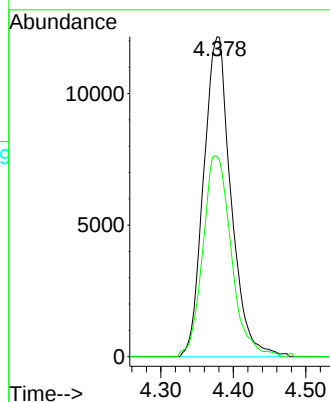
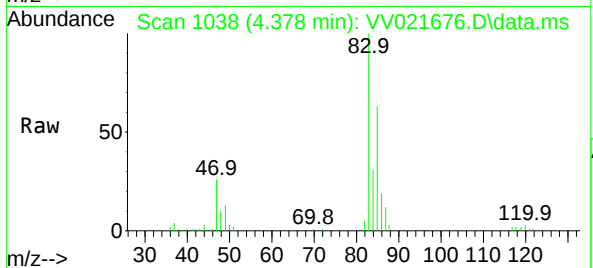
VSTD005225

Tgt Ion: 83 Resp: 31850

Ion Ratio Lower Upper

83 100

85 62.5 43.8 81.4



#27

1,2-Dichloroethane

Concen: 5.079 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VV021676.D

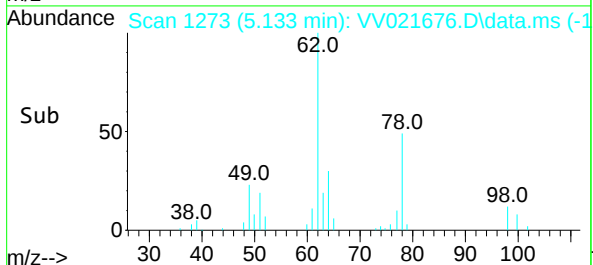
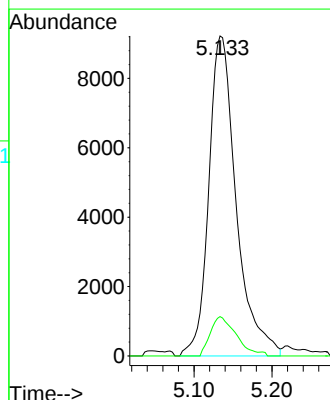
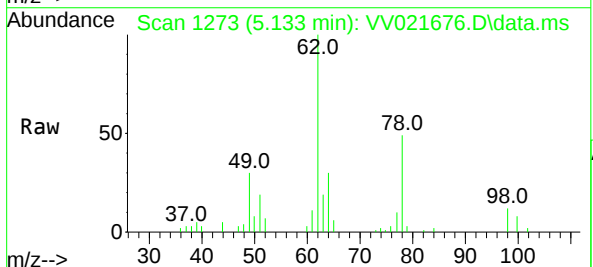
Acq: 19 Jul 2021 12:37

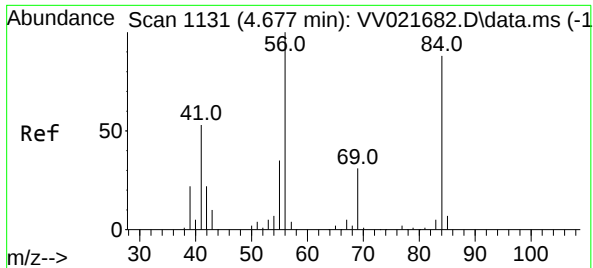
Tgt Ion: 62 Resp: 22615

Ion Ratio Lower Upper

62 100

98 12.3 8.7 13.1

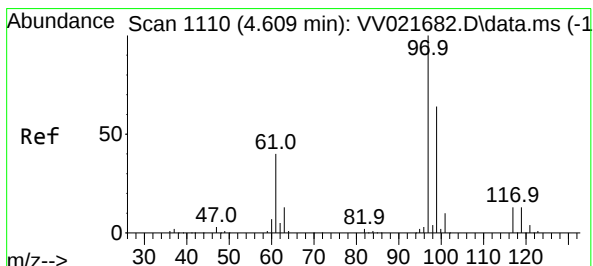
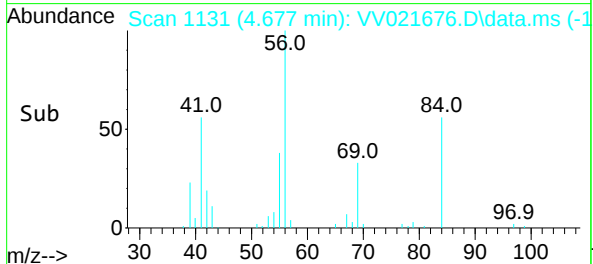
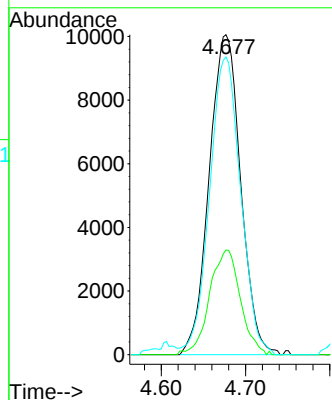
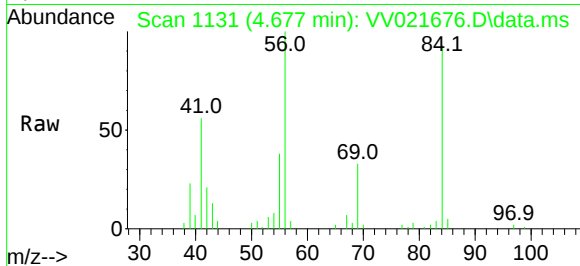




#29
Cyclohexane
Concen: 4.693 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

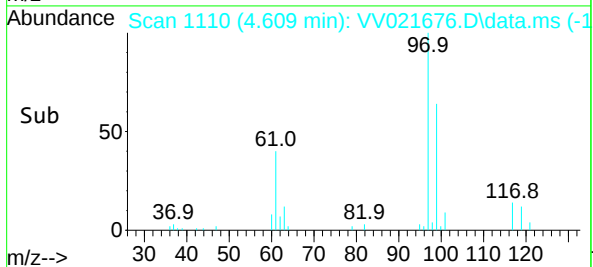
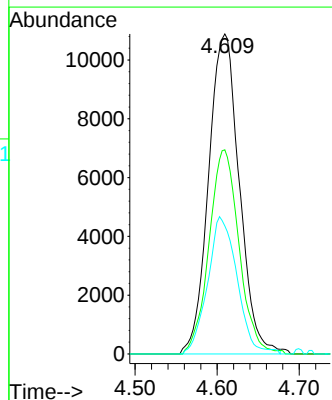
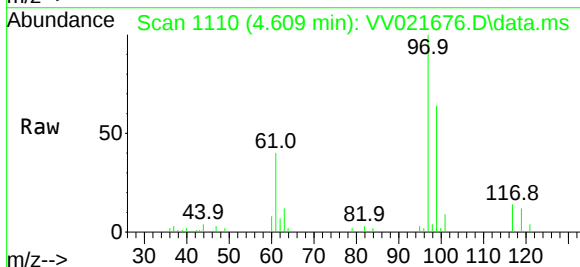
Instrument :
MSVOA_V
ClientSampleId :
VSTD005225

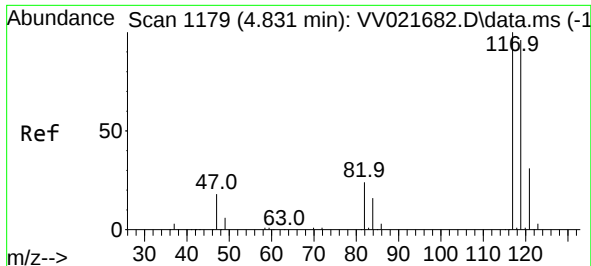
Tgt Ion:	56	Resp:	26098
Ion	Ratio	Lower	Upper
56	100		
69	31.7	24.5	36.7
84	92.2	71.4	107.0



#30
1,1,1-Trichloroethane
Concen: 5.054 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

Tgt Ion:	97	Resp:	28300
Ion	Ratio	Lower	Upper
97	100		
99	62.2	51.6	77.4
61	40.9	32.6	49.0

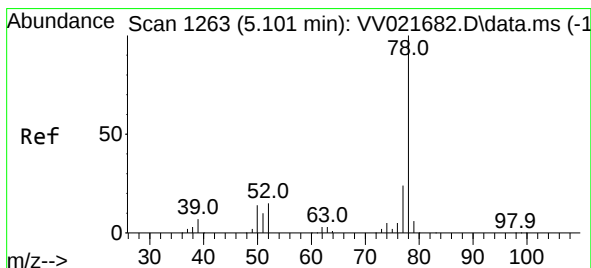
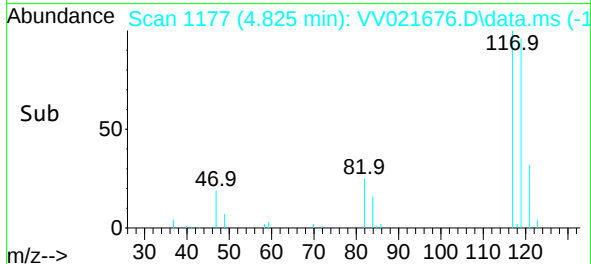
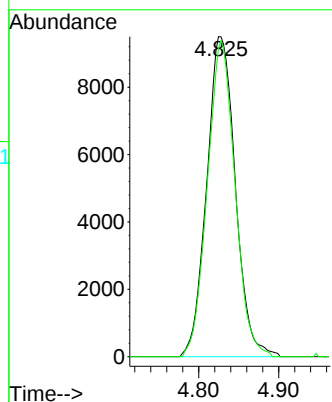
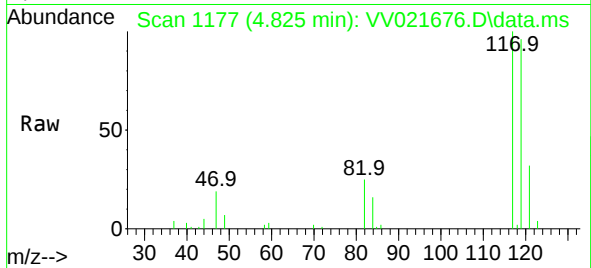




#31
Carbon tetrachloride
Concen: 4.833 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.006 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

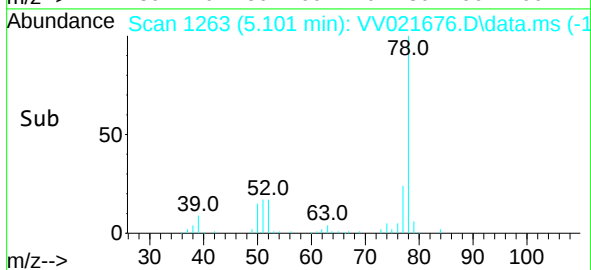
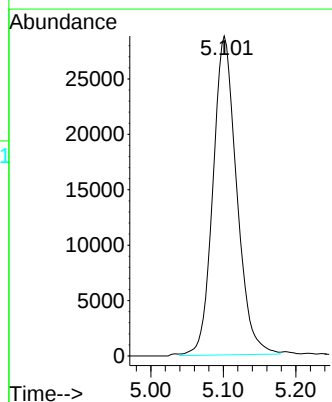
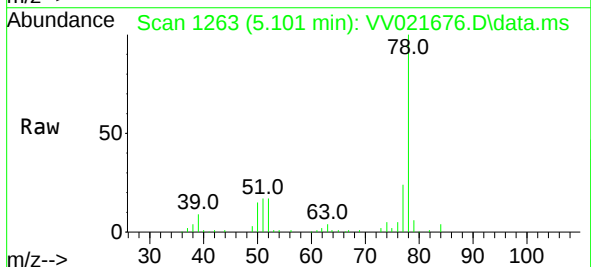
Instrument :
MSVOA_V
ClientSampleId :
VSTD005225

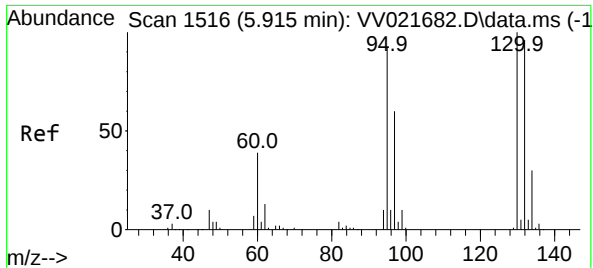
Tgt Ion:117 Resp: 23665
Ion Ratio Lower Upper
117 100
119 94.9 77.7 116.5



#33
Benzene
Concen: 4.829 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

Tgt Ion: 78 Resp: 65487



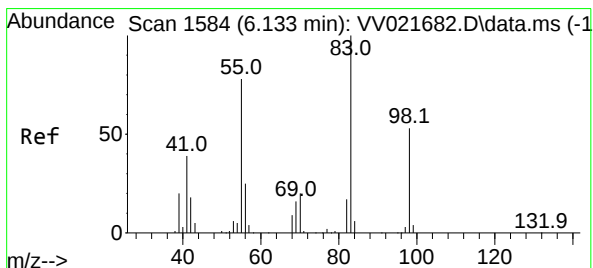
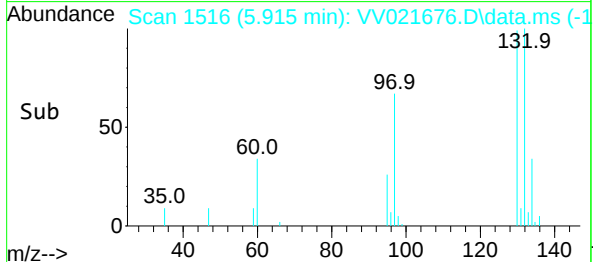
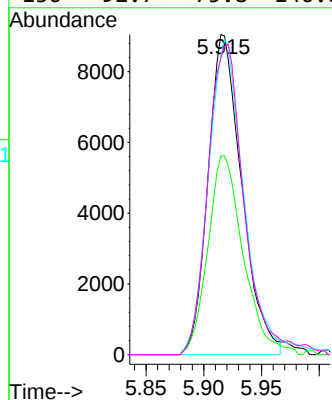
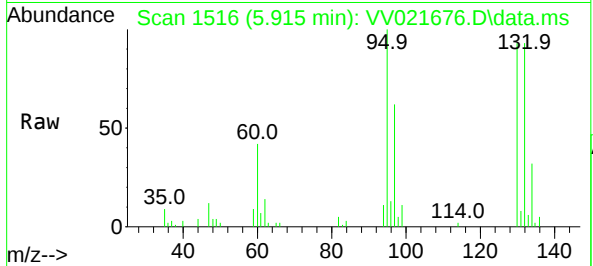


#34
Trichloroethene
Concen: 5.024 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD005225

Tgt Ion: 95 Resp: 18380

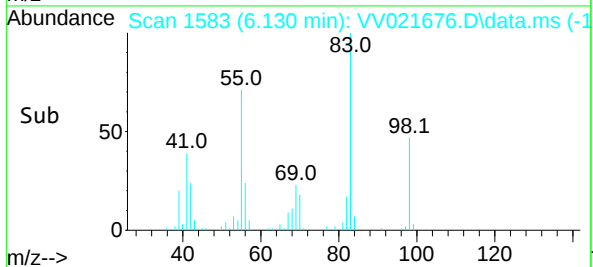
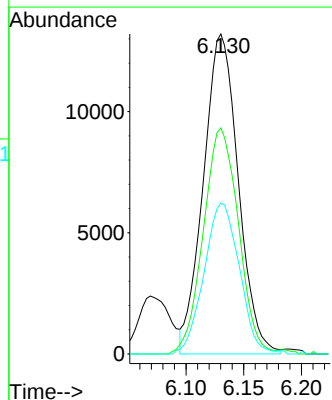
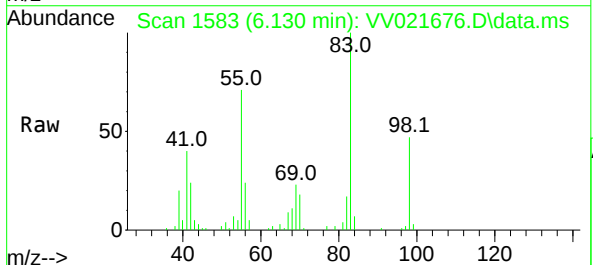
Ion	Ratio	Lower	Upper
95	100		
97	62.1	45.6	84.6
132	93.3	72.4	134.5
130	92.7	75.8	140.8

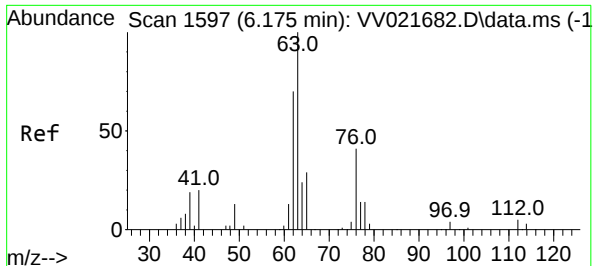


#35
Methylcyclohexane
Concen: 4.835 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.003 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

Tgt Ion: 83 Resp: 27786

Ion	Ratio	Lower	Upper
83	100		
55	70.8	59.3	88.9
98	47.4	40.2	60.4

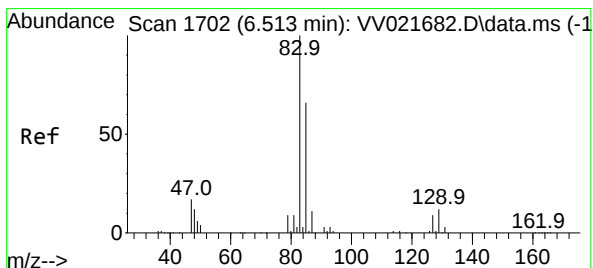
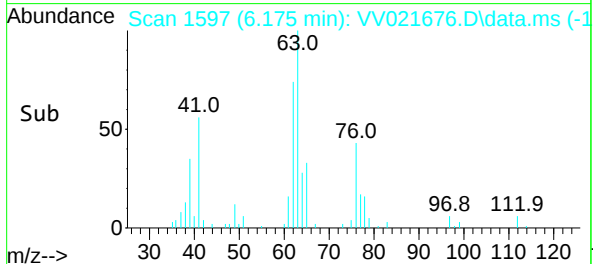
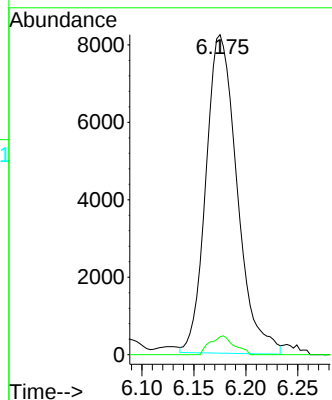
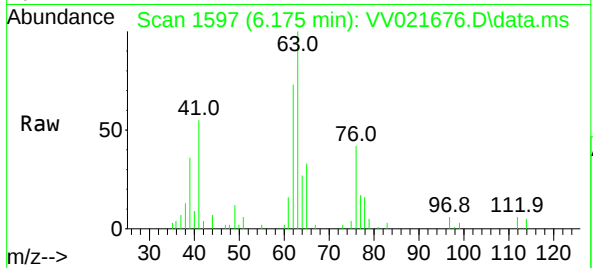




#37
1,2-Dichloropropane
Concen: 4.840 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

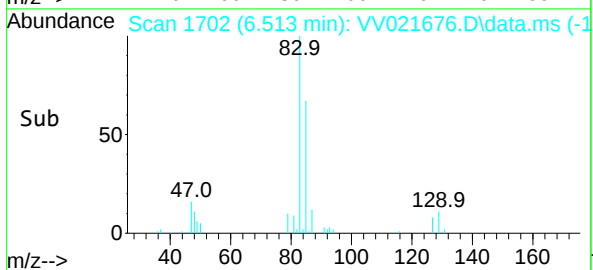
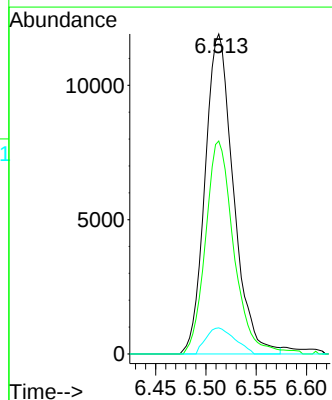
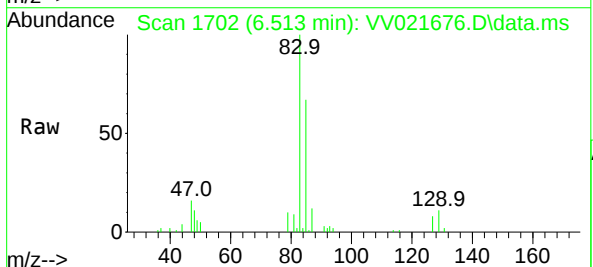
Instrument :
MSVOA_V
ClientSampleId :
VSTD005225

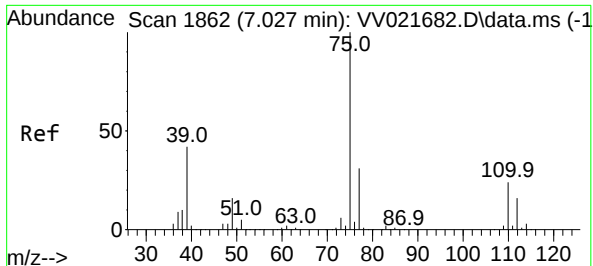
Tgt Ion: 63 Resp: 17168
Ion Ratio Lower Upper
63 100
112 4.5 3.8 5.6



#38
Bromodichloromethane
Concen: 4.909 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

Tgt Ion: 83 Resp: 23348
Ion Ratio Lower Upper
83 100
85 66.6 46.1 85.5
127 8.2 7.4 11.0



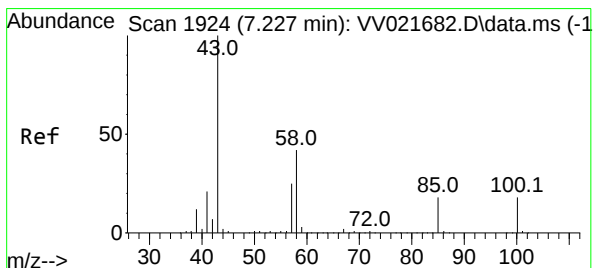
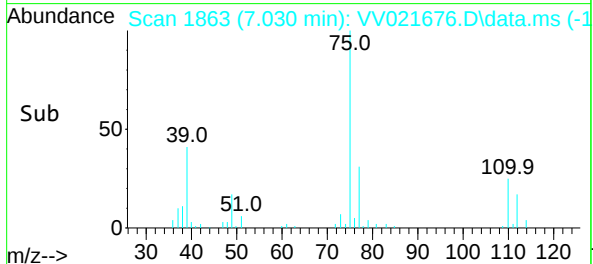
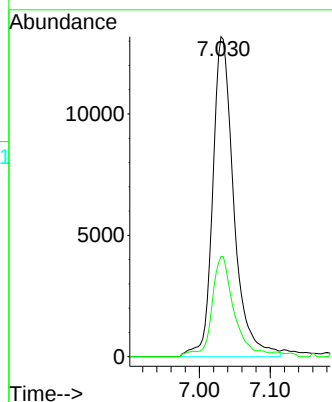
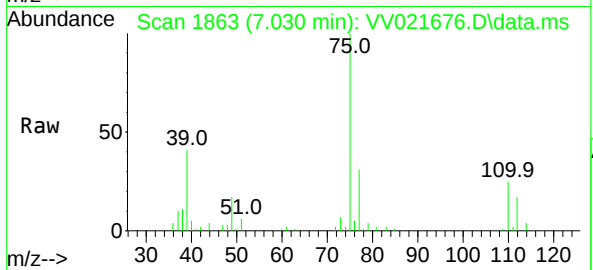


#39

cis-1,3-Dichloropropene
 Concen: 4.702 ug/L
 RT: 7.030 min Scan# 1863
 Delta R.T. 0.003 min
 Lab File: VV021676.D
 Acq: 19 Jul 2021 12:37

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005225

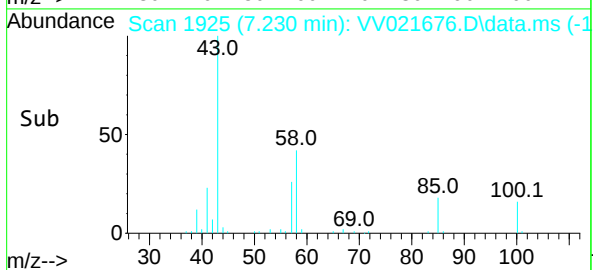
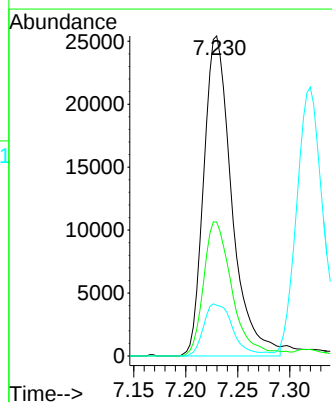
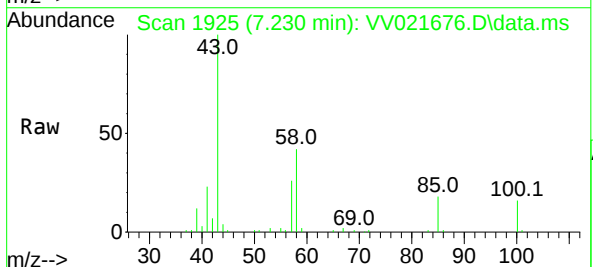
Tgt Ion: 75 Resp: 27272
 Ion Ratio Lower Upper
 75 100
 77 31.3 21.9 40.7

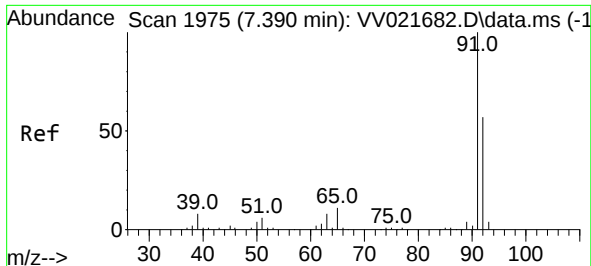


#40

4-Methyl-2-pentanone
 Concen: 9.236 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. 0.003 min
 Lab File: VV021676.D
 Acq: 19 Jul 2021 12:37

Tgt Ion: 43 Resp: 47771
 Ion Ratio Lower Upper
 43 100
 58 42.0 33.1 49.7
 100 16.7 13.8 20.8

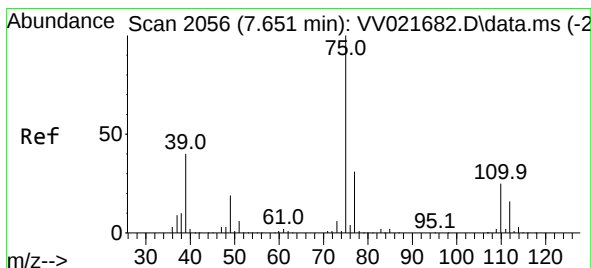
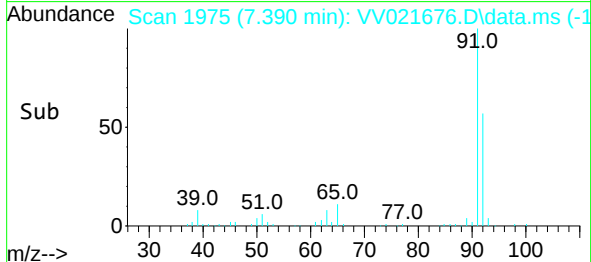
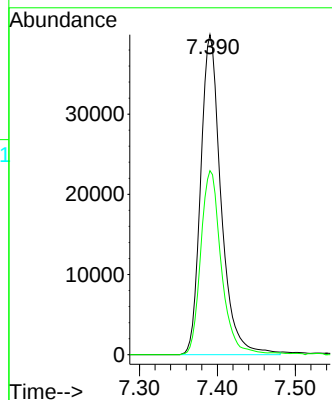
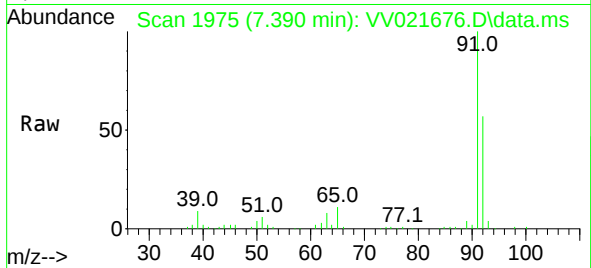




#42
Toluene
Concen: 4.989 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

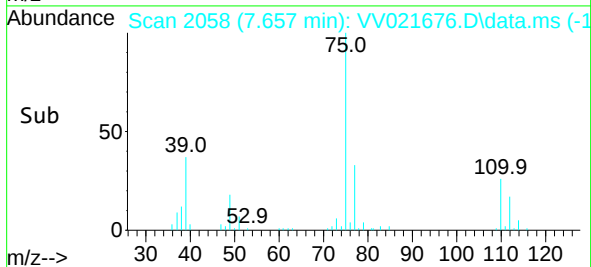
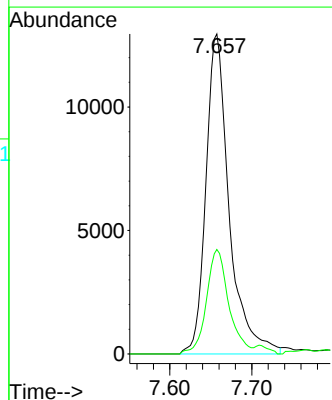
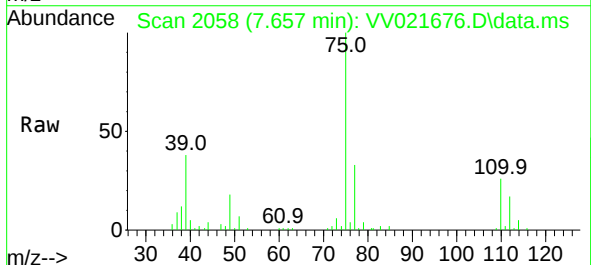
Instrument :
MSVOA_V
ClientSampleId :
VSTD005225

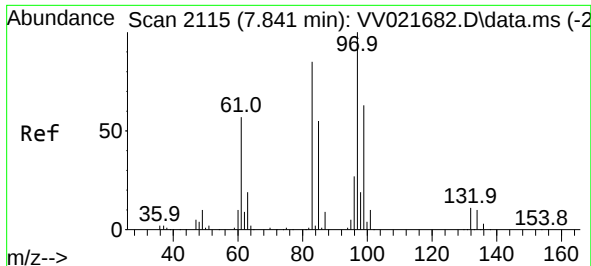
Tgt Ion: 91 Resp: 72400
Ion Ratio Lower Upper
91 100
92 57.5 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 4.716 ug/L
RT: 7.657 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

Tgt Ion: 75 Resp: 25529
Ion Ratio Lower Upper
75 100
77 32.6 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 5.042 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. -0.000 min

Lab File: VV021676.D

Acq: 19 Jul 2021 12:37

Tgt Ion: 97 Resp: 17512

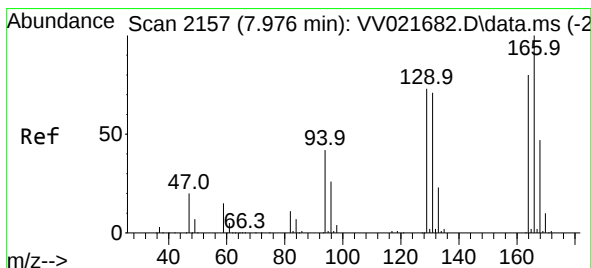
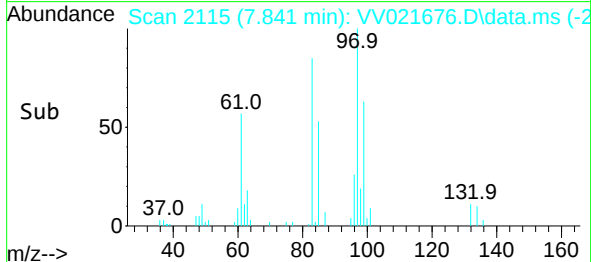
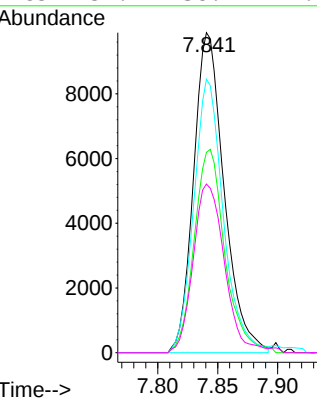
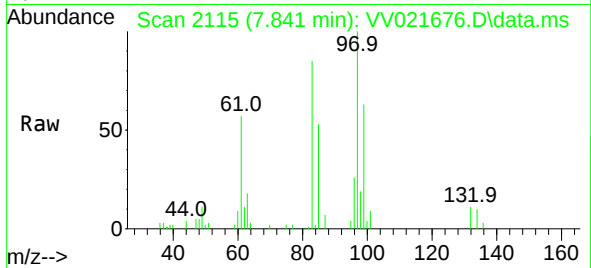
Ion Ratio Lower Upper

97 100

99 62.6 44.0 81.8

83 85.4 59.1 109.9

85 52.7 38.4 71.2



#46

Tetrachloroethene

Concen: 4.978 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV021676.D

Acq: 19 Jul 2021 12:37

Tgt Ion: 164 Resp: 14442

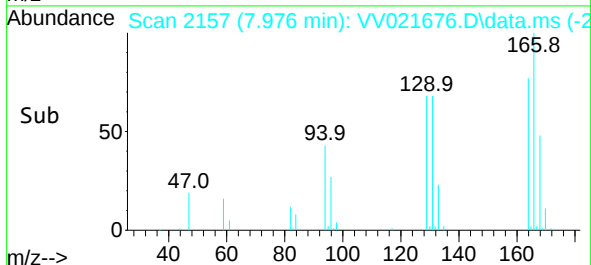
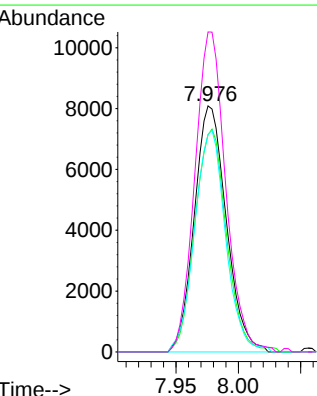
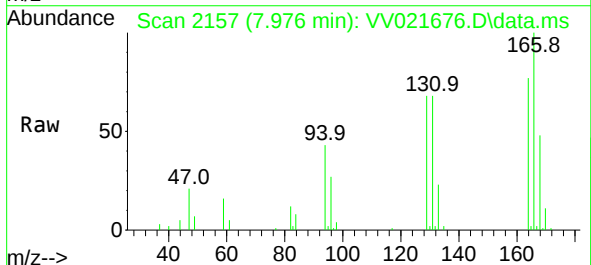
Ion Ratio Lower Upper

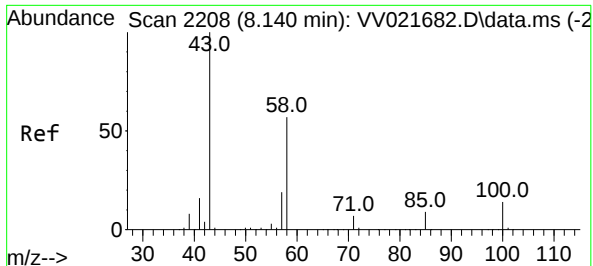
164 100

129 88.3 63.8 118.6

131 88.4 62.1 115.3

166 130.0 87.9 163.3

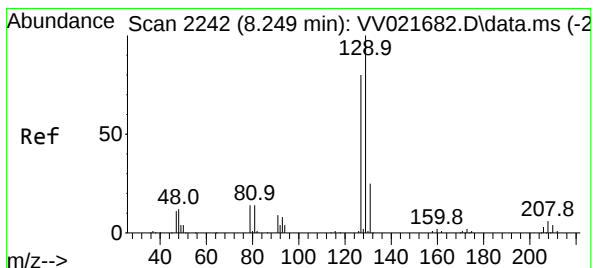
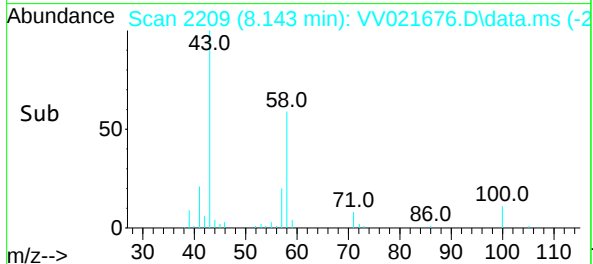
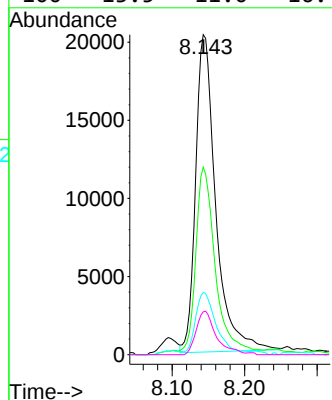
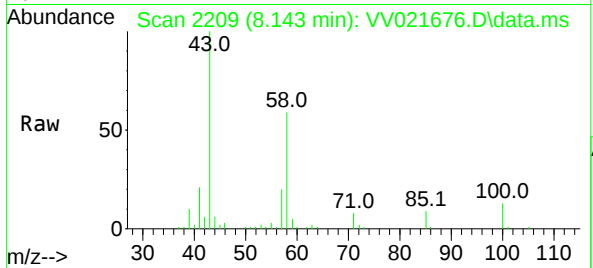




#48
2-Hexanone
Concen: 9.659 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

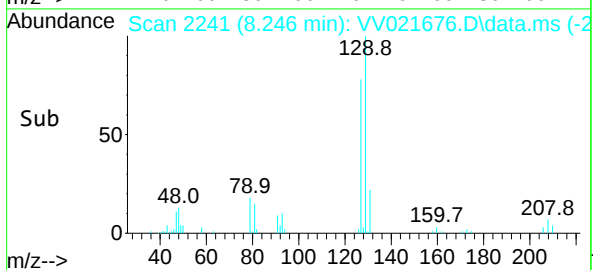
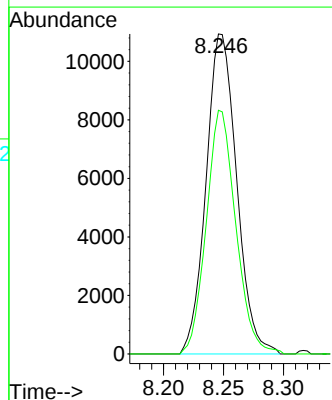
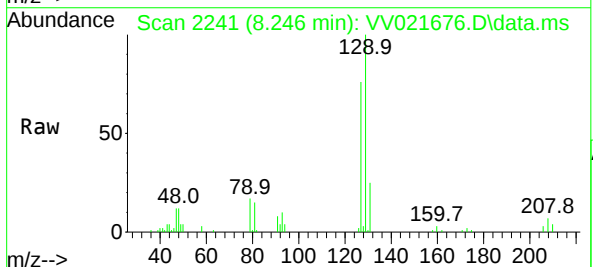
Instrument :
MSVOA_V
ClientSampleId :
VSTD005225

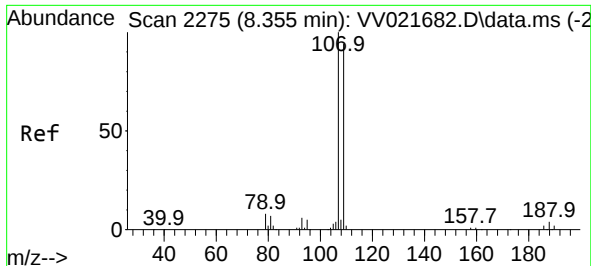
Tgt Ion:	43	Resp:	39313
Ion	Ratio	Lower	Upper
43	100		
58	55.1	46.0	69.0
57	18.4	15.6	23.4
100	13.5	11.0	16.4



#49
Dibromochloromethane
Concen: 4.888 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

Tgt Ion:	129	Resp:	19423
Ion	Ratio	Lower	Upper
129	100		
127	76.2	55.6	103.4

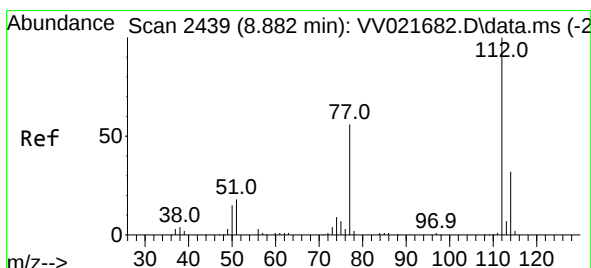
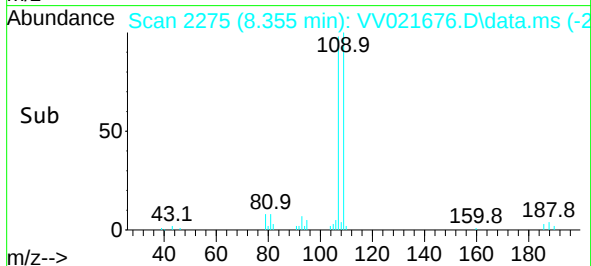
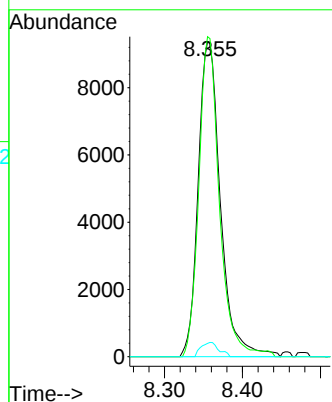
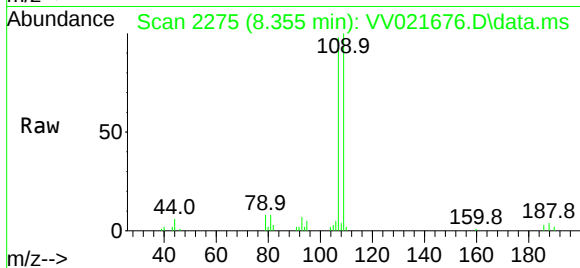




#50
1,2-Dibromoethane
Concen: 4.902 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

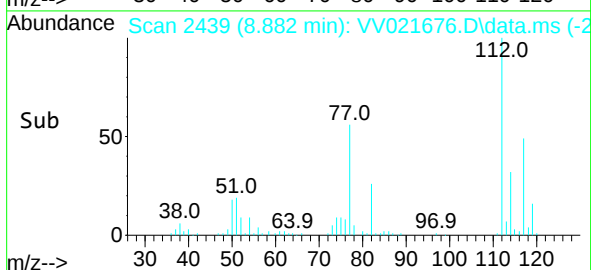
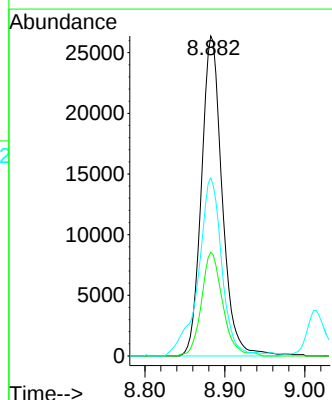
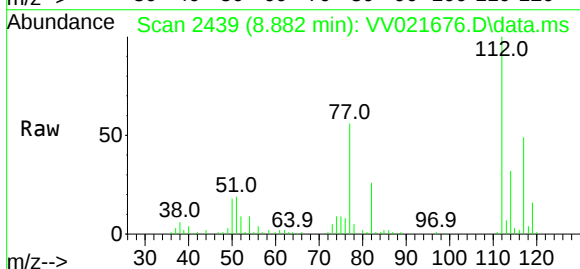
Instrument :
MSVOA_V
ClientSampleId :
VSTD005225

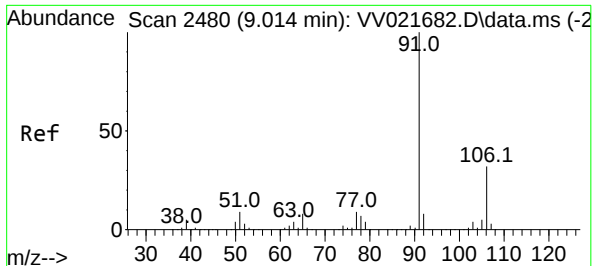
Tgt Ion:	107	Resp:	18572
Ion	Ratio	Lower	Upper
107	100		
109	101.6	65.7	122.1
188	4.2	2.9	4.3



#51
Chlorobenzene
Concen: 5.032 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

Tgt Ion:	112	Resp:	47560
Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.5	41.9
77	55.6	45.0	67.6





#52

Ethylbenzene

Concen: 4.860 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. -0.000 min

Lab File: VV021676.D

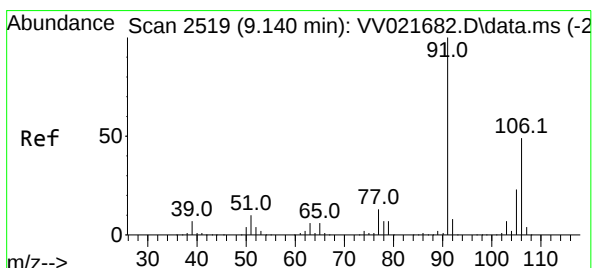
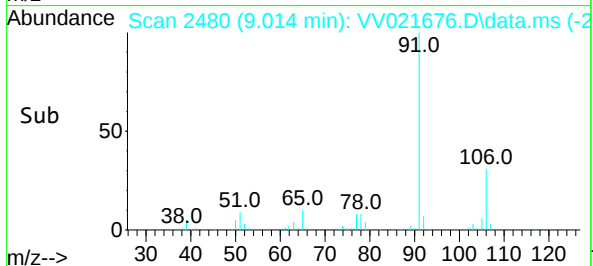
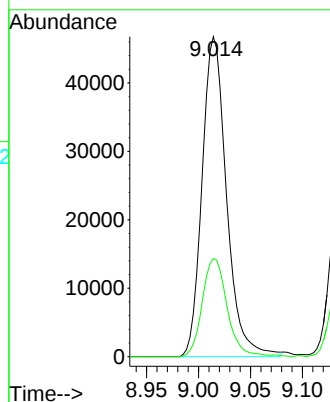
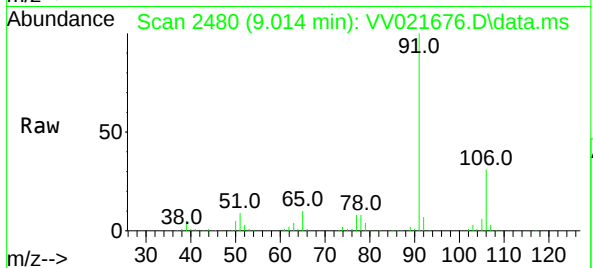
Acq: 19 Jul 2021 12:37

Tgt Ion: 91 Resp: 76536

Ion Ratio Lower Upper

91 100

106 30.7 22.1 41.1



#53

m,p-Xylene

Concen: 4.908 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. -0.000 min

Lab File: VV021676.D

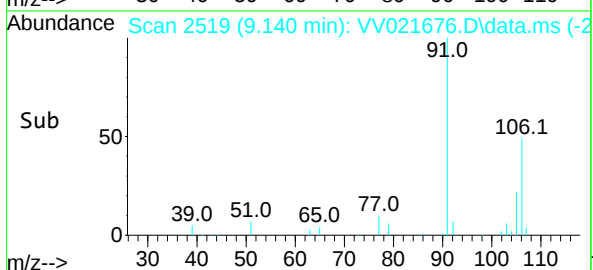
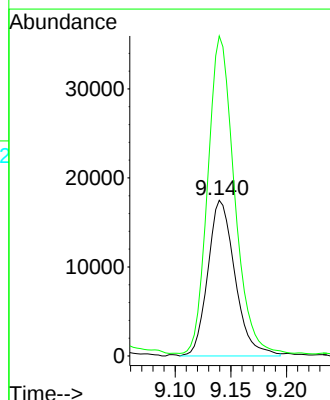
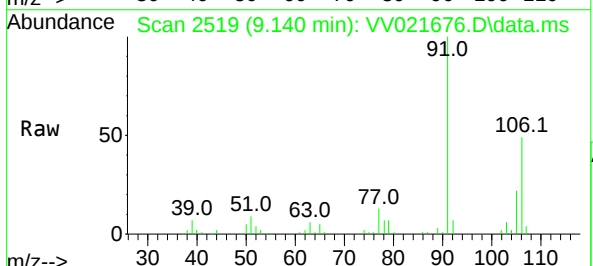
Acq: 19 Jul 2021 12:37

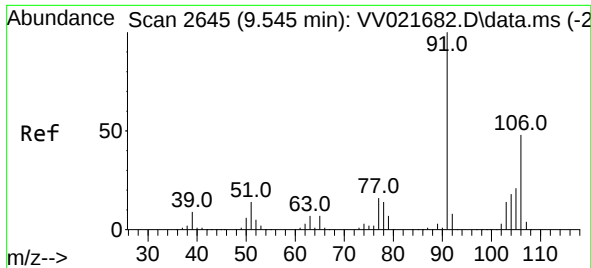
Tgt Ion: 106 Resp: 29664

Ion Ratio Lower Upper

106 100

91 205.5 142.0 263.6

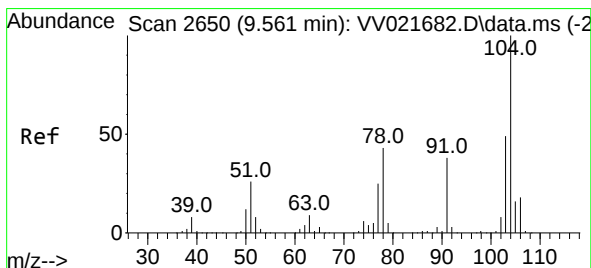
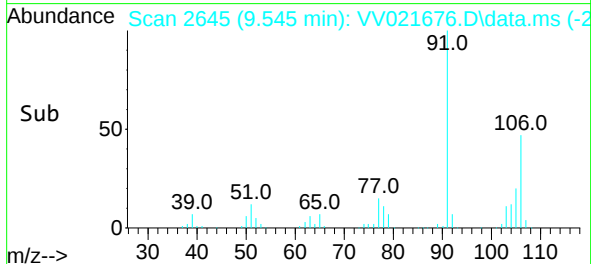
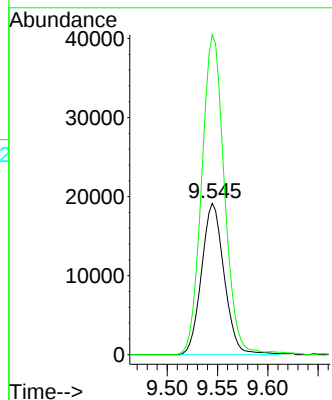
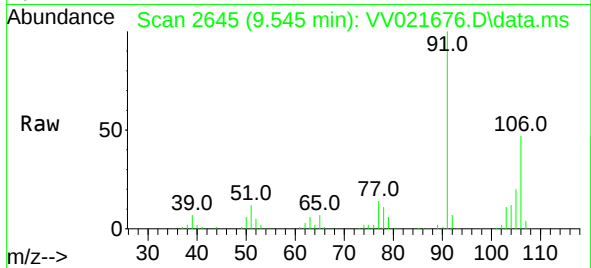




#54
o-Xylene
Concen: 4.982 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

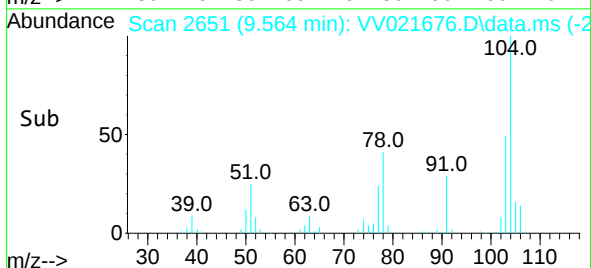
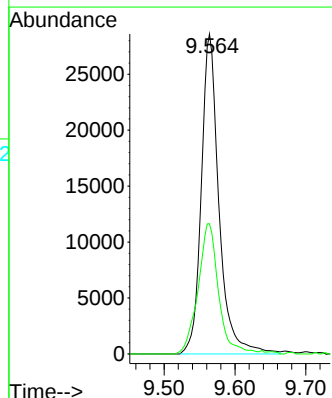
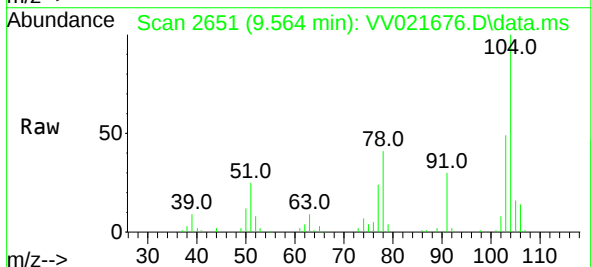
Instrument :
MSVOA_V
ClientSampleId :
VSTD005225

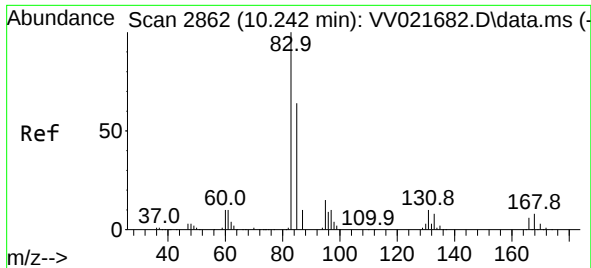
Tgt Ion:106 Resp: 30058
Ion Ratio Lower Upper
106 100
91 211.4 146.8 272.6



#55
Styrene
Concen: 4.851 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

Tgt Ion:104 Resp: 49533
Ion Ratio Lower Upper
104 100
78 40.7 30.1 55.9

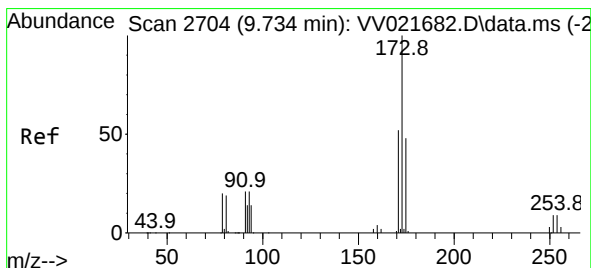
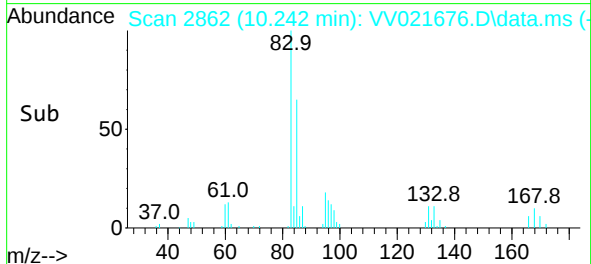
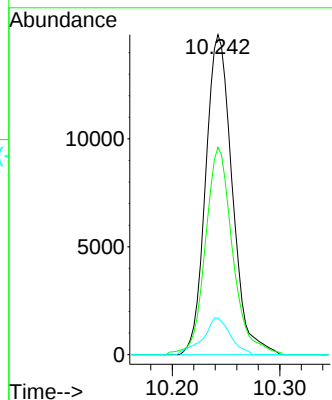
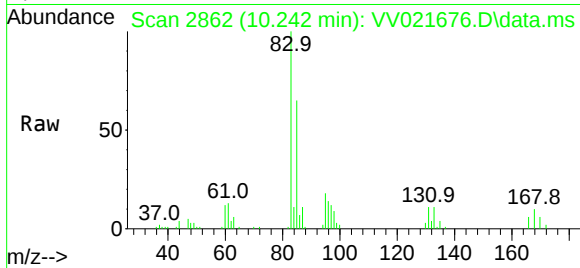




#57
1,1,2,2-Tetrachloroethane
Concen: 4.709 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

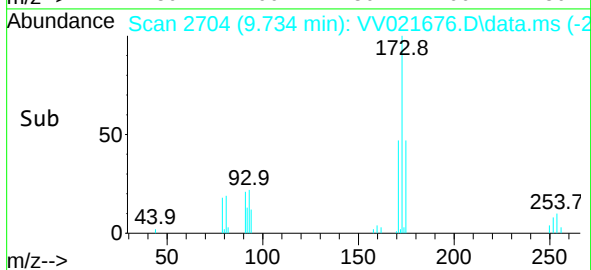
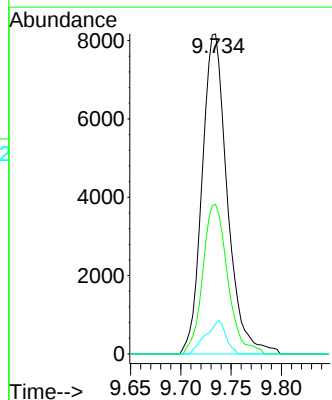
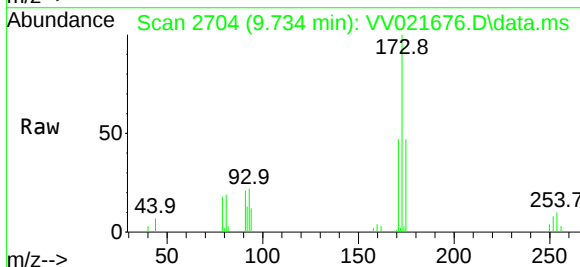
Instrument :
MSVOA_V
ClientSampleId :
VSTD005225

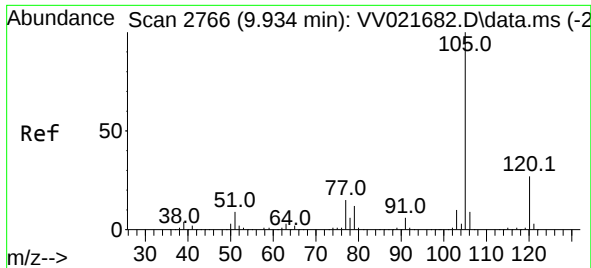
Tgt Ion:	83	Resp:	25426
Ion	Ratio	Lower	Upper
83	100		
85	64.8	45.3	84.1
131	11.5	8.2	12.2



#59
Bromoform
Concen: 4.985 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

Tgt Ion:	173	Resp:	14210
Ion	Ratio	Lower	Upper
173	100		
175	46.3	38.3	57.5
254	8.4	7.0	10.4

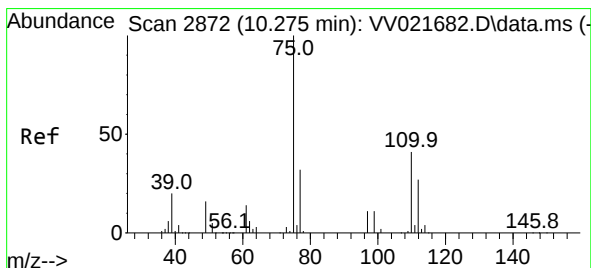
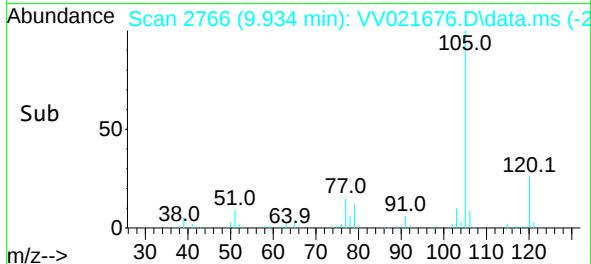
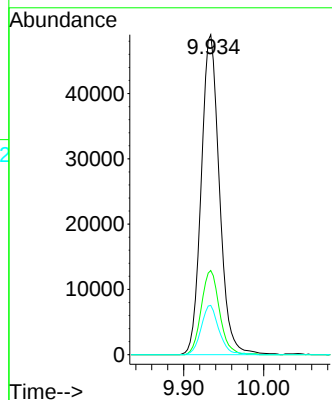
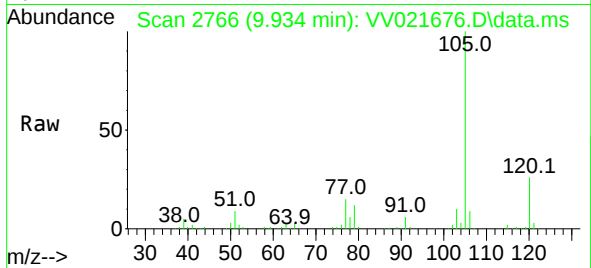




#60
Isopropylbenzene
Concen: 5.112 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

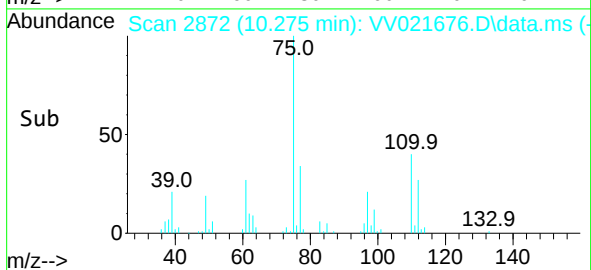
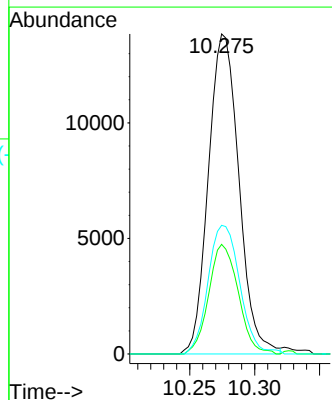
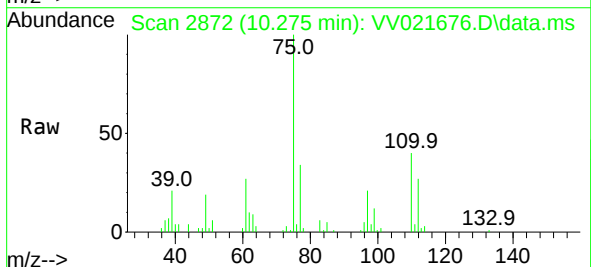
Instrument :
MSVOA_V
ClientSampleId :
VSTD005225

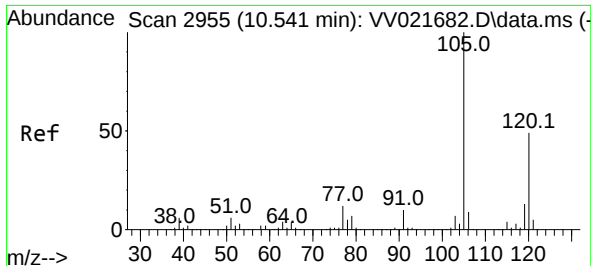
Tgt Ion:105 Resp: 77592
Ion Ratio Lower Upper
105 100
120 26.3 21.5 32.3
77 15.2 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.242 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

Tgt Ion: 75 Resp: 22599
Ion Ratio Lower Upper
75 100
77 33.1 26.1 39.1
110 41.4 32.9 49.3

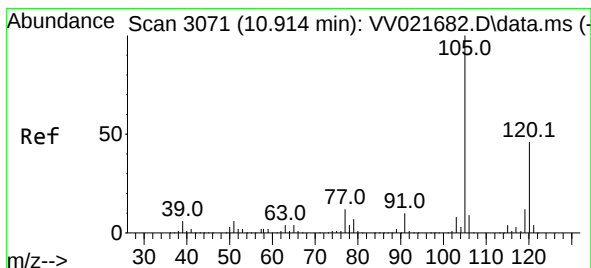
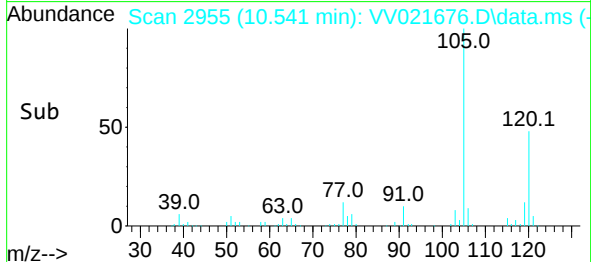
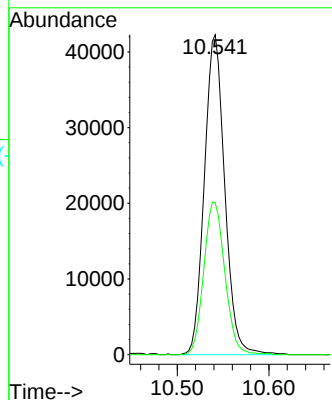
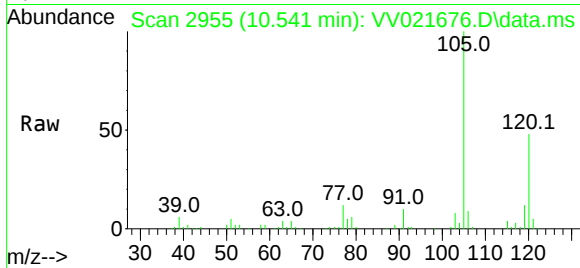




#62
1,3,5-Trimethylbenzene
Concen: 5.053 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

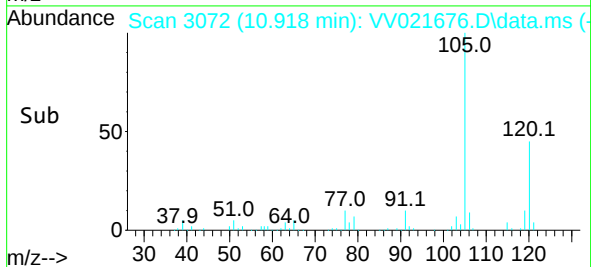
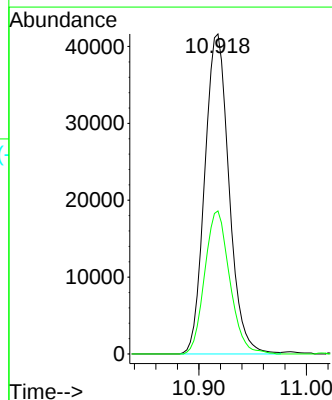
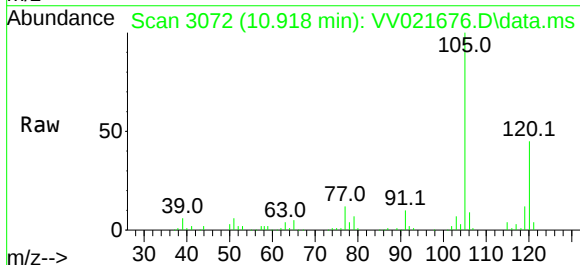
Instrument :
MSVOA_V
ClientSampleId :
VSTD005225

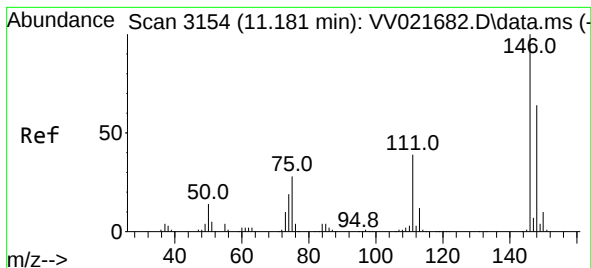
Tgt Ion:105 Resp: 65346
Ion Ratio Lower Upper
105 100
120 49.2 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 5.003 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

Tgt Ion:105 Resp: 65373
Ion Ratio Lower Upper
105 100
120 45.9 37.0 55.4

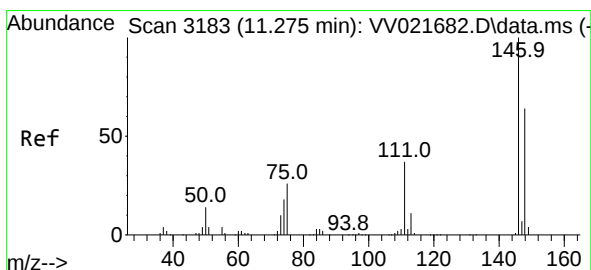
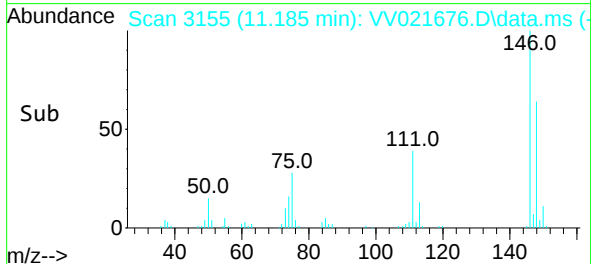
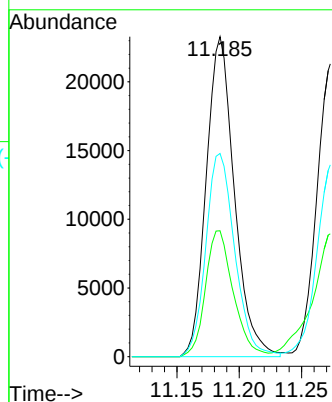
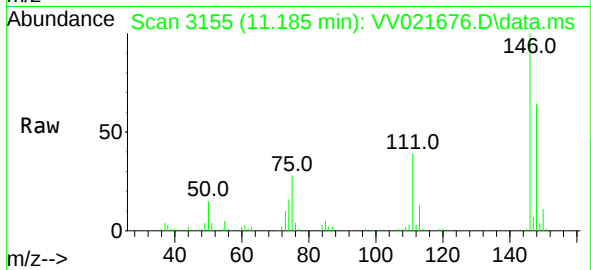




#64
1,3-Dichlorobenzene
Concen: 5.133 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.003 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

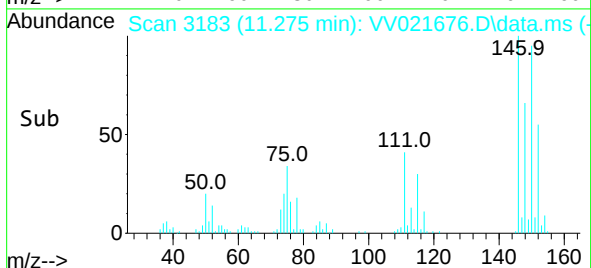
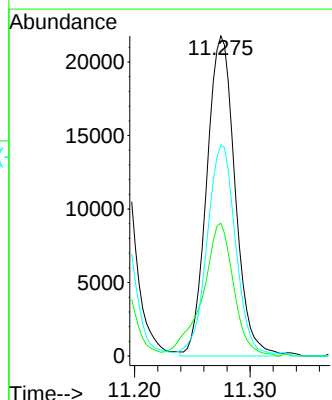
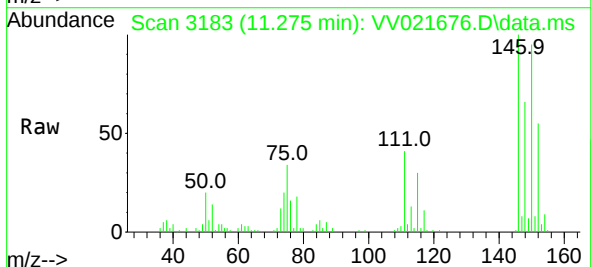
Instrument :
MSVOA_V
ClientSampleId :
VSTD005225

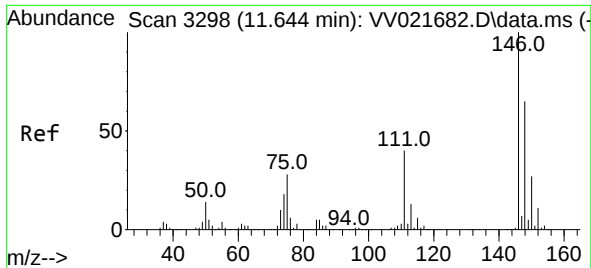
Tgt Ion:146 Resp: 36658
Ion Ratio Lower Upper
146 100
111 39.3 27.2 50.6
148 63.5 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 5.173 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

Tgt Ion:146 Resp: 37006
Ion Ratio Lower Upper
146 100
111 41.5 26.1 48.5
148 66.0 44.8 83.2

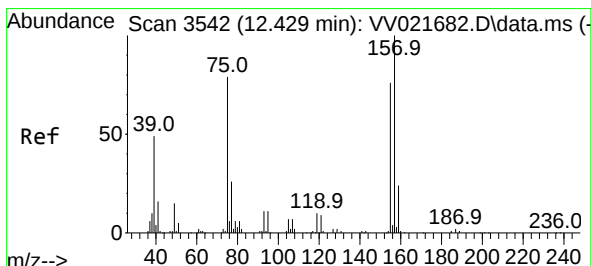
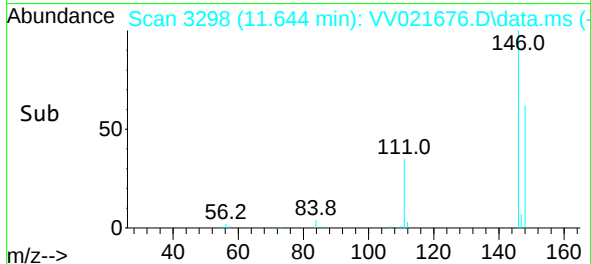
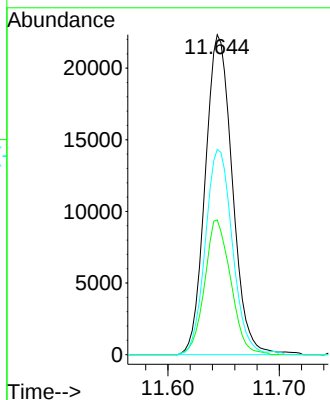
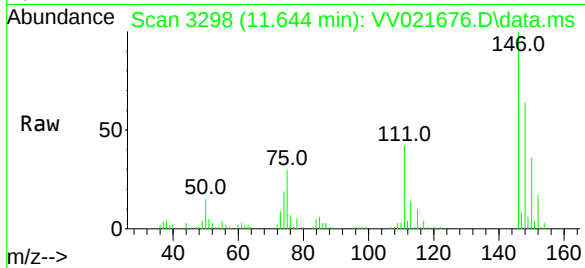




#67
1,2-Dichlorobenzene
Concen: 5.262 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

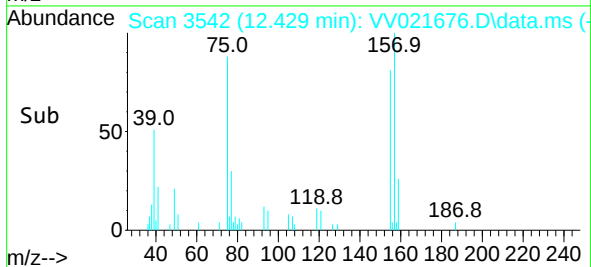
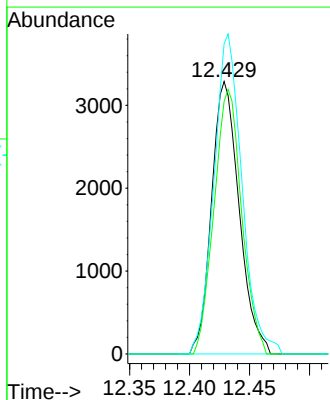
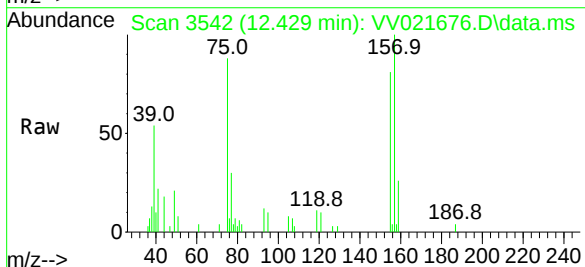
Instrument :
MSVOA_V
ClientSampleId :
VSTD005225

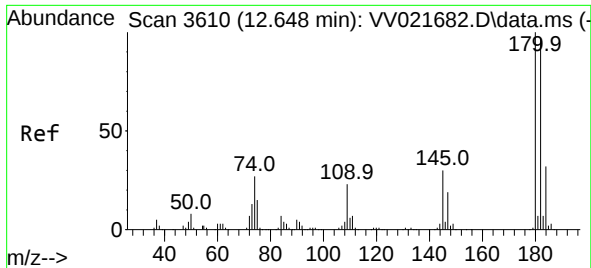
Tgt Ion:	146	Resp:	37726
Ion Ratio	Lower	Upper	
146	100		
111	42.1	32.1	48.1
148	64.1	51.6	77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.187 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

Tgt Ion:	75	Resp:	5261
Ion Ratio	Lower	Upper	
75	100		
155	92.7	77.0	115.4
157	113.9	100.7	151.1

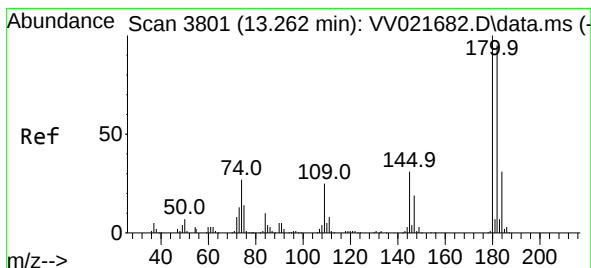
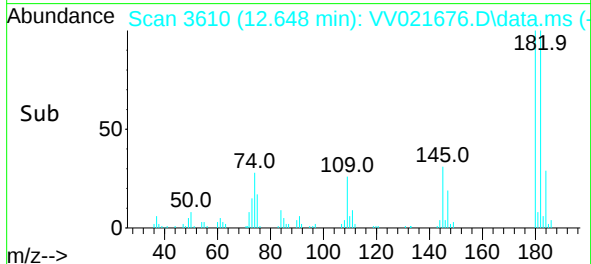
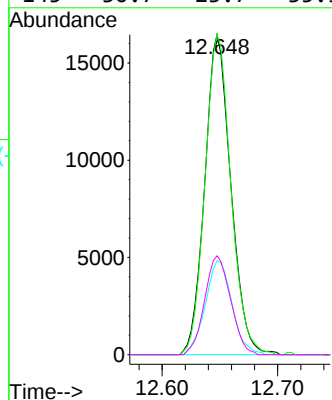
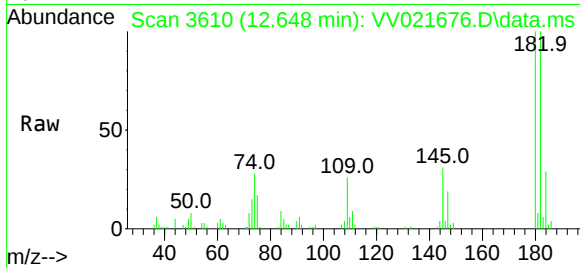




#69
 1,3,5-Trichlorobenzene
 Concen: 4.836 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. -0.000 min
 Lab File: VV021676.D
 Acq: 19 Jul 2021 12:37

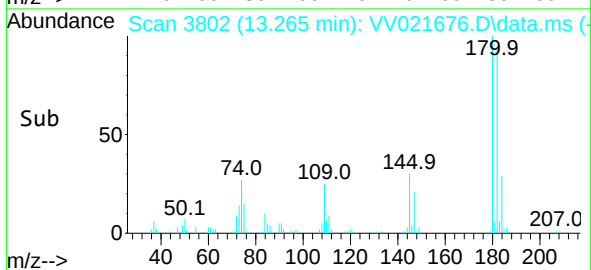
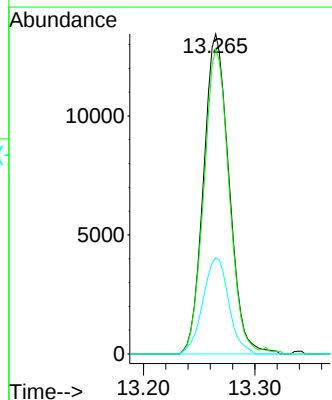
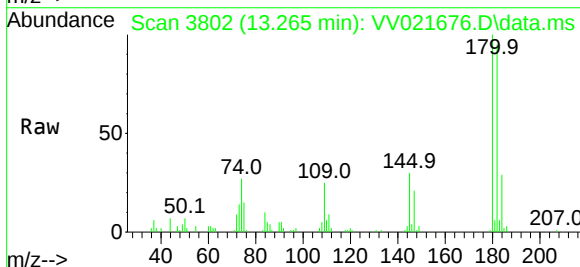
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005225

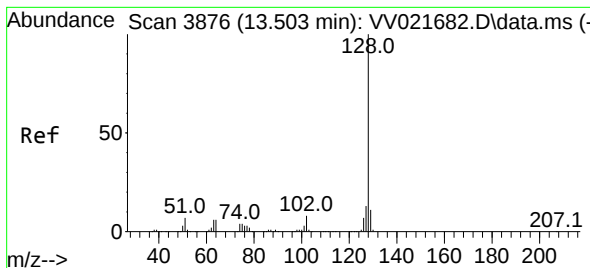
Tgt Ion:	180	Resp:	25775
Ion Ratio	Lower	Upper	
180	100		
182	99.3	75.9	113.9
184	30.1	24.9	37.3
145	30.7	23.7	35.5



#70
 1,2,4-trichlorobenzene
 Concen: 4.649 ug/L
 RT: 13.265 min Scan# 3802
 Delta R.T. 0.003 min
 Lab File: VV021676.D
 Acq: 19 Jul 2021 12:37

Tgt Ion:	180	Resp:	21374
Ion Ratio	Lower	Upper	
180	100		
182	94.3	76.7	115.1
145	30.4	24.5	36.7

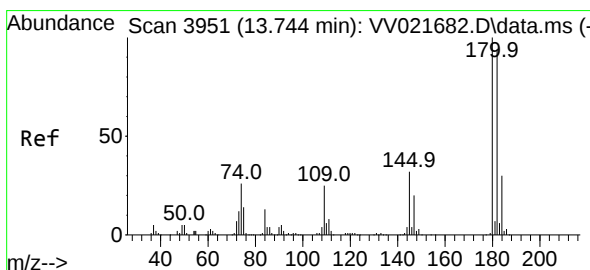
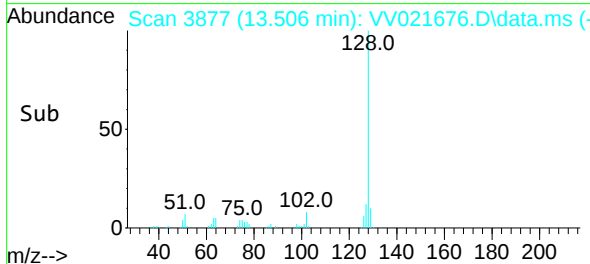
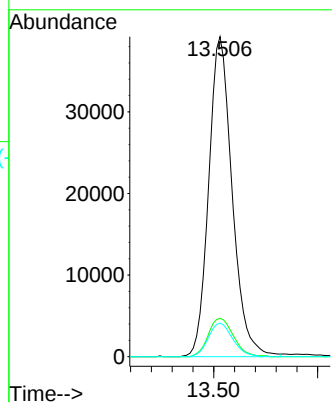
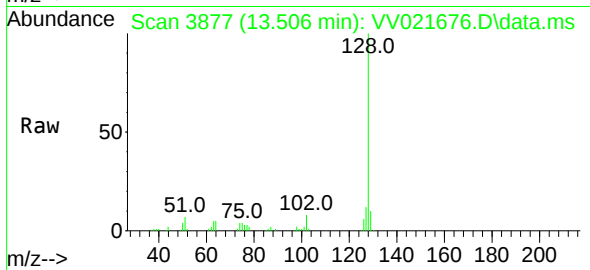




#71
Naphthalene
Concen: 4.381 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD005225

Tgt Ion:128 Resp: 61411
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 4.942 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV021676.D
Acq: 19 Jul 2021 12:37

Tgt Ion:180 Resp: 22587
Ion Ratio Lower Upper
180 100
182 91.9 75.8 113.8
145 29.4 25.5 38.3

