

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080221\
 Data File : VV021711.D
 Acq On : 02 Aug 2021 10:20
 Operator : SY/MD
 Sample : VSTD05034
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050234

Quant Time: Aug 03 01:15:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 03 01:13:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	431111	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	401166	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	213688	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	136527	45.543	ug/L	0.00
7) Chloroethane-d5	1.558	69	113217	53.735	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	243826	48.101	ug/L	0.00
21) 2-Butanone-d5	3.873	46	242776	103.265	ug/L	0.00
24) Chloroform-d	4.349	84	289111	49.928	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	171548	50.068	ug/L	0.00
32) Benzene-d6	5.050	84	581519	49.566	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	181423	49.495	ug/L	0.00
41) Toluene-d8	7.317	98	539994	49.850	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	91398	49.929	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	171305	103.410	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	248140	50.986	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	220674	50.253	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	141829	45.887	ug/L	100
3) Chloromethane	1.240	50	136692	46.748	ug/L	100
5) Vinyl chloride	1.307	62	140068	46.217	ug/L	100
6) Bromomethane	1.510	94	90253	57.640	ug/L	100
8) Chloroethane	1.577	64	88045	50.521	ug/L	100
9) Trichlorofluoromethane	1.748	101	208771	48.345	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	116596	47.683	ug/L	100
12) 1,1-Dichloroethene	2.114	96	107814	47.510	ug/L	100
13) Acetone	2.159	43	139848	92.332	ug/L	100
14) Carbon disulfide	2.291	76	288587	43.085	ug/L	100
15) Methyl Acetate	2.426	43	163887	50.055	ug/L	100
16) Methylene chloride	2.503	84	144273	44.222	ug/L	100
17) trans-1,2-Dichloroethene	2.757	96	128458	47.664	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	453774	49.355	ug/L	100
19) 1,1-Dichloroethane	3.188	63	251106	49.016	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	152522	48.669	ug/L	100
22) 2-Butanone	3.957	43	229499	100.297	ug/L	100
23) Bromochloromethane	4.249	128	80857	48.652	ug/L	100
25) Chloroform	4.375	83	260083	49.087	ug/L	100
27) 1,2-Dichloroethane	5.130	62	188679	49.549	ug/L	100
29) Cyclohexane	4.677	56	201944	46.161	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	230976	48.758	ug/L	100
31) Carbon tetrachloride	4.828	117	197058	48.307	ug/L	100
33) Benzene	5.101	78	555271	49.000	ug/L	100
34) Trichloroethene	5.915	95	152127	49.252	ug/L	100
35) Methylcyclohexane	6.133	83	210311	46.122	ug/L	100
37) 1,2-Dichloropropane	6.175	63	145055	48.956	ug/L	100
38) Bromodichloromethane	6.513	83	200145	49.602	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	239227	50.103	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	438486	100.410	ug/L	100
42) Toluene	7.391	91	597813	48.882	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	227097	50.120	ug/L	100

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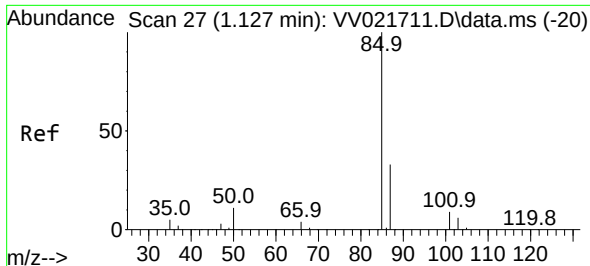
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.841	97	150996	50.297	ug/L	100
46) Tetrachloroethene	7.976	164	112609	47.173	ug/L	100
48) 2-Hexanone	8.140	43	326653	97.654	ug/L	100
49) Dibromochloromethane	8.249	129	171741	50.571	ug/L	100
50) 1,2-Dibromoethane	8.355	107	159927	49.973	ug/L	100
51) Chlorobenzene	8.883	112	394243	49.003	ug/L	100
52) Ethylbenzene	9.014	91	647670	49.341	ug/L	100
53) m,p-Xylene	9.140	106	248364	48.811	ug/L	100
54) o-Xylene	9.545	106	253409	49.531	ug/L	100
55) Styrene	9.561	104	433311	50.268	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	228768	49.892	ug/L	100
59) Bromoform	9.731	173	128398	48.937	ug/L	100
60) Isopropylbenzene	9.934	105	666421	48.413	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	192230	48.762	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	568360	48.919	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	579239	49.255	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	321072	49.106	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	322045	49.127	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	326882	49.275	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	52022	47.990	ug/L	100
69) 1,3,5-Trichlorobenzene	12.648	180	239571	49.417	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	206996	48.741	ug/L	100
71) Naphthalene	13.503	128	628358	48.303	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	207186	48.150	ug/L	100

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

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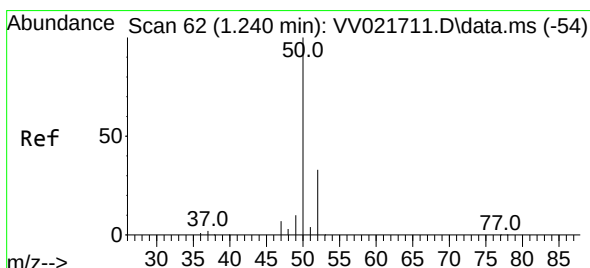
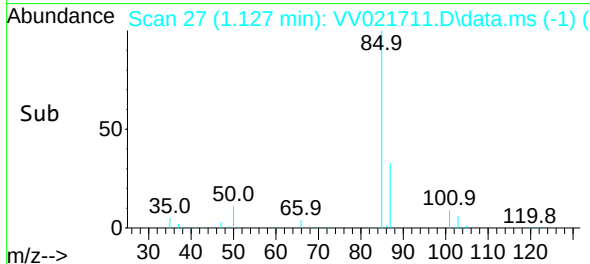
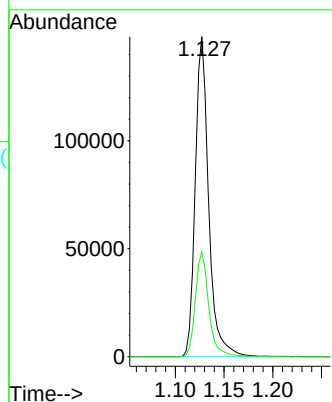
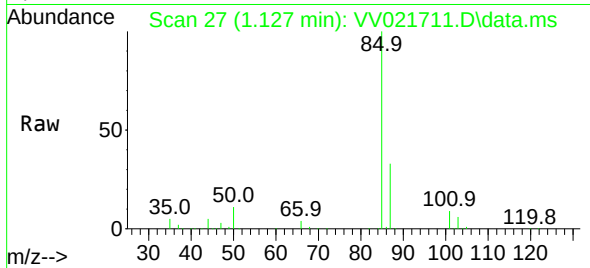




#2
 Dichlorodifluoromethane
 Concen: 45.887 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV021711.D
 Acq: 02 Aug 2021 10:20

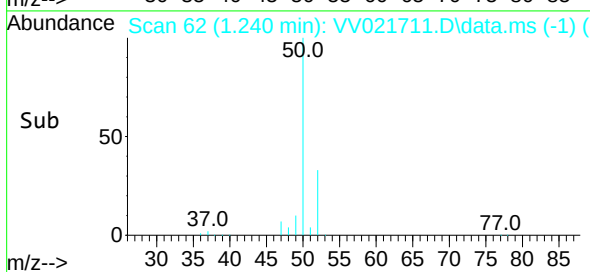
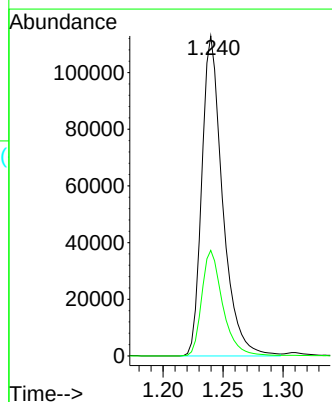
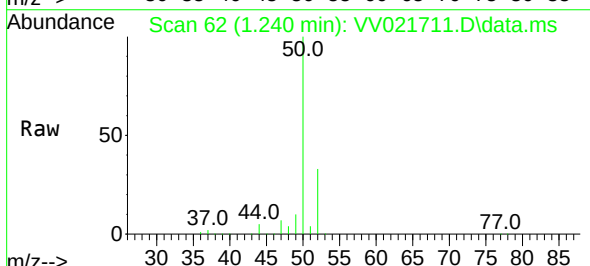
Instrument :
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 VSTD050234

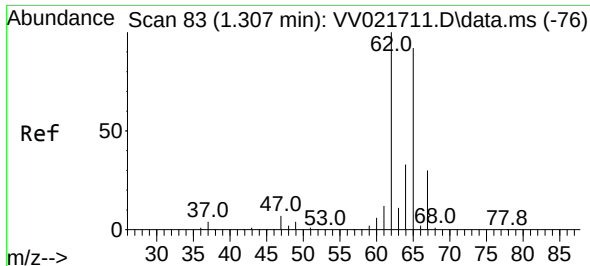
Tgt Ion: 85 Resp: 141829
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.2 39.4



#3
 Chloromethane
 Concen: 46.748 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV021711.D
 Acq: 02 Aug 2021 10:20

Tgt Ion: 50 Resp: 136692
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.1 42.9

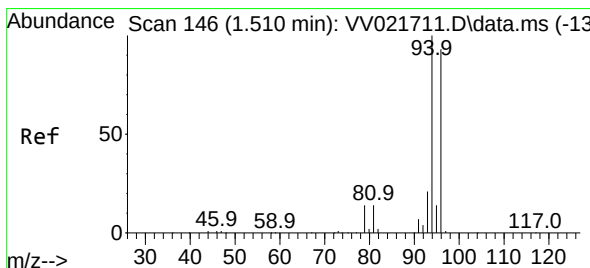
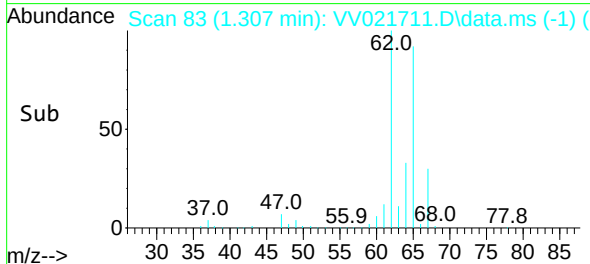
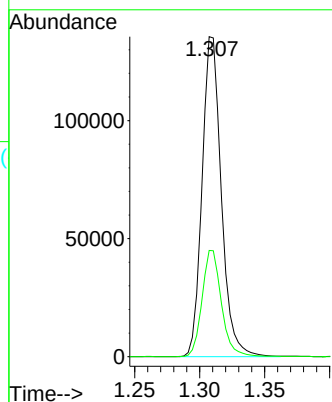
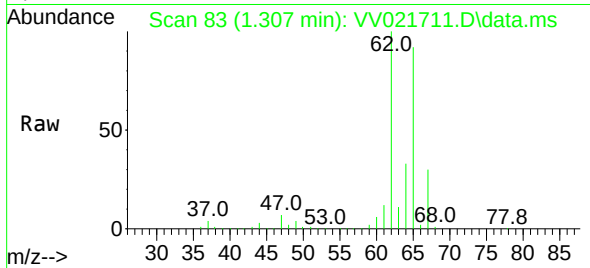




#5
 Vinyl chloride
 Concen: 46.217 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV021711.D
 Acq: 02 Aug 2021 10:20

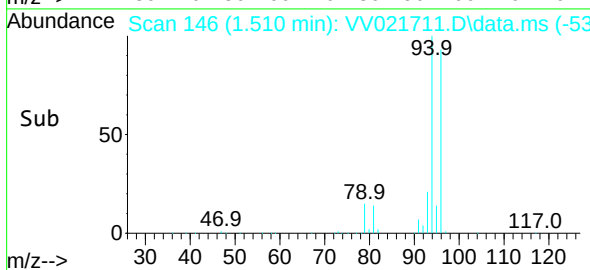
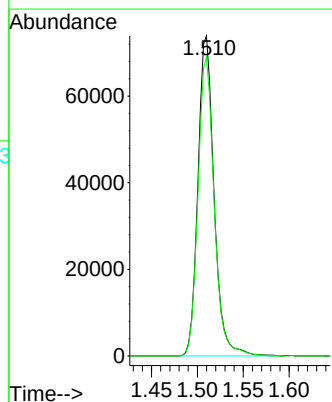
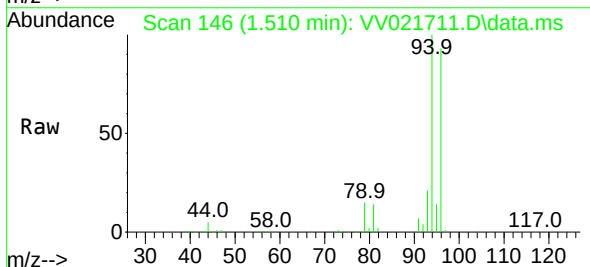
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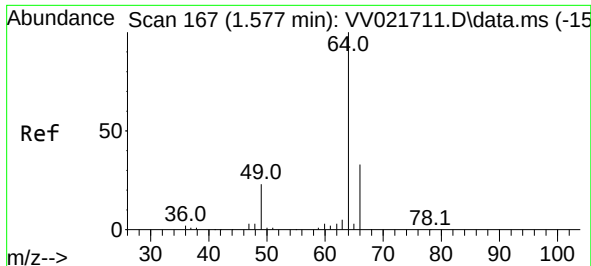
Tgt Ion: 62 Resp: 140068
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.2 43.2



#6
 Bromomethane
 Concen: 57.640 ug/L
 RT: 1.510 min Scan# 146
 Delta R.T. 0.000 min
 Lab File: VV021711.D
 Acq: 02 Aug 2021 10:20

Tgt Ion: 94 Resp: 90253
 Ion Ratio Lower Upper
 94 100
 96 93.4 65.4 121.4

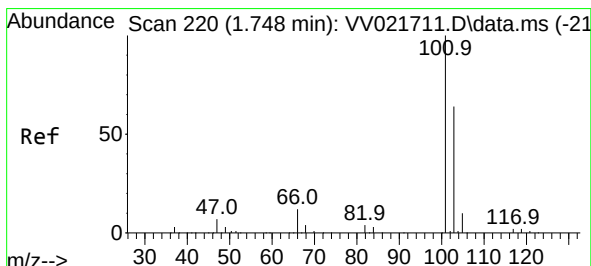
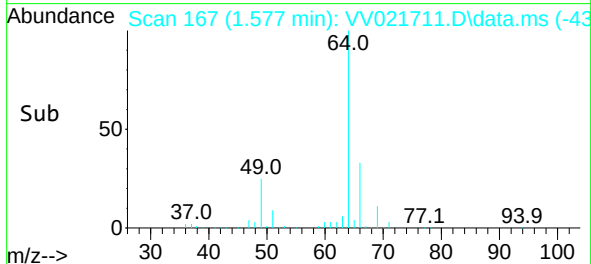
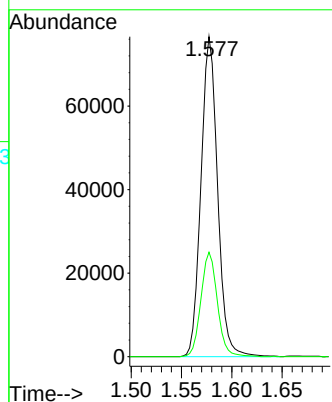
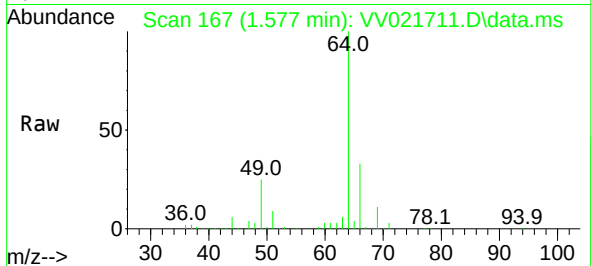




#8
Chloroethane
Concen: 50.521 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

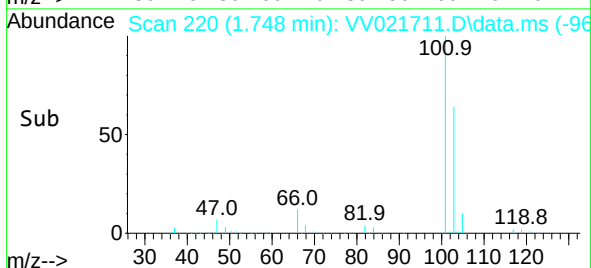
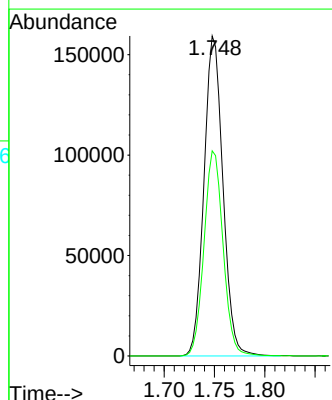
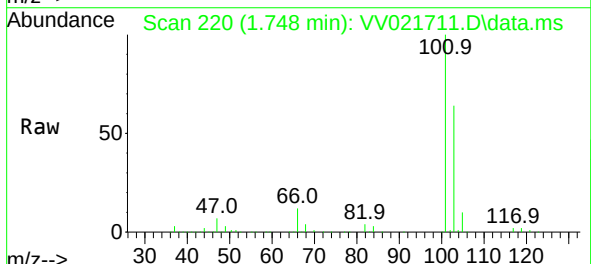
Instrument :
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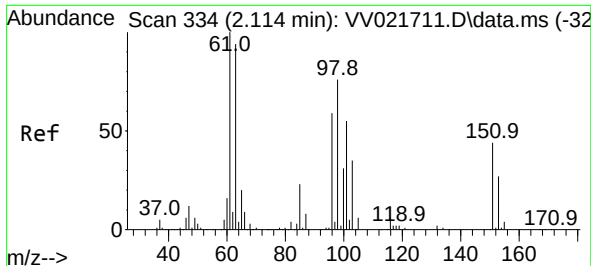
Tgt Ion: 64 Resp: 88045
Ion Ratio Lower Upper
64 100
66 32.7 22.9 42.5



#9
Trichlorofluoromethane
Concen: 48.345 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

Tgt Ion:101 Resp: 208771
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3





#10

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

Concen: 47.683 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV021711.D

Acq: 02 Aug 2021 10:20

Tgt Ion:101 Resp: 116596

Ion Ratio Lower Upper

101 100

85 42.1 33.7 50.5

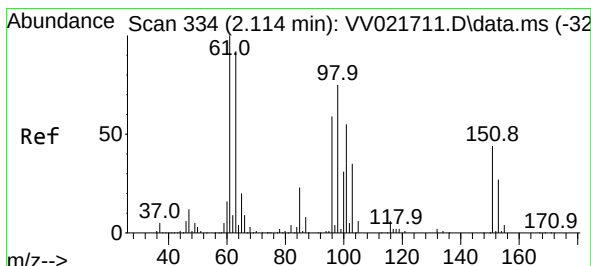
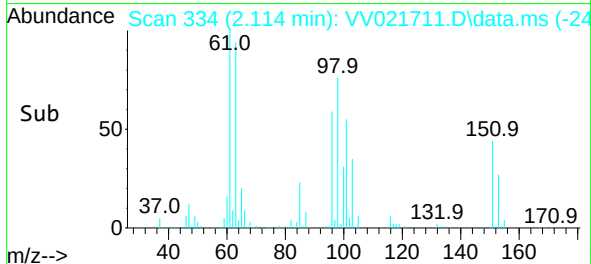
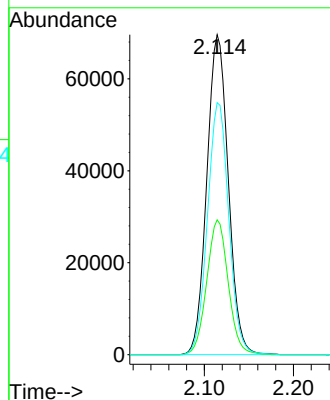
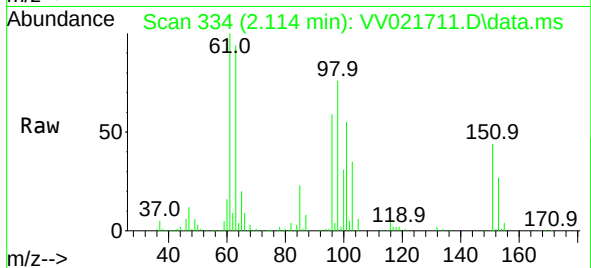
151 78.4 62.7 94.1

Instrument :

MSVOA_V

ClientSampleId :

VSTD050234



#12

1,1-Dichloroethene

Concen: 47.510 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV021711.D

Acq: 02 Aug 2021 10:20

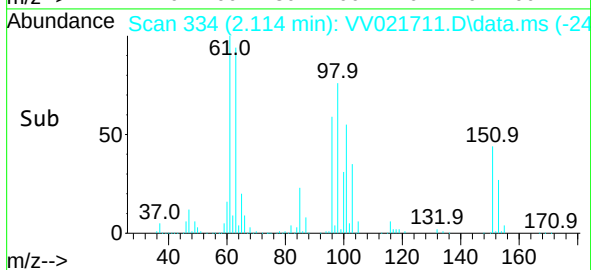
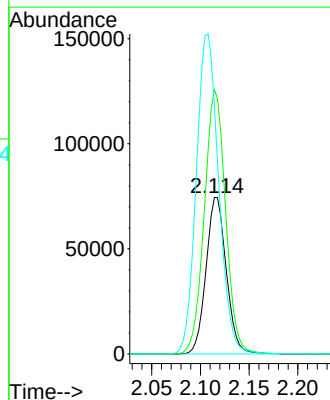
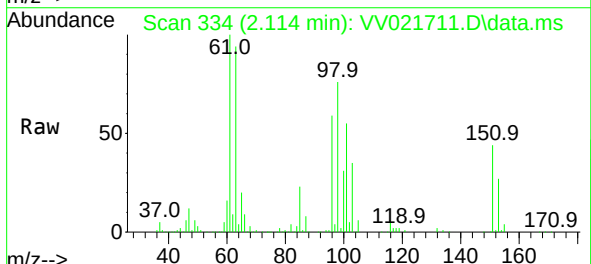
Tgt Ion: 96 Resp: 107814

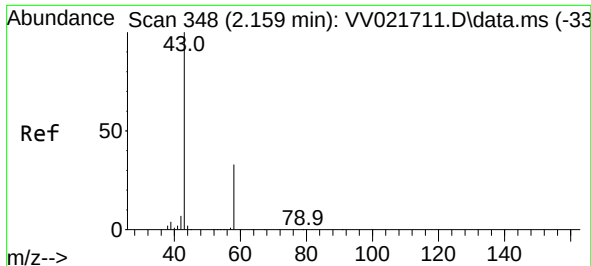
Ion Ratio Lower Upper

96 100

61 168.8 118.2 219.4

63 158.4 110.9 205.9

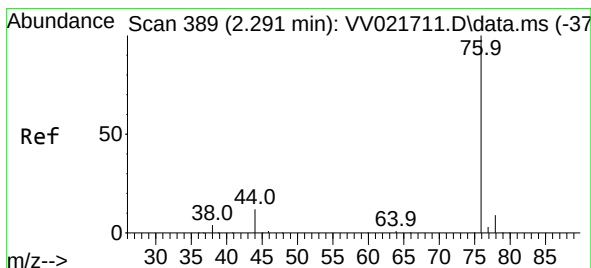
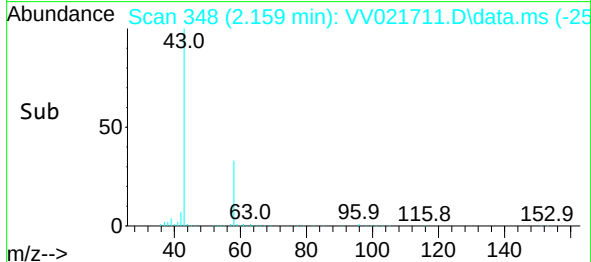
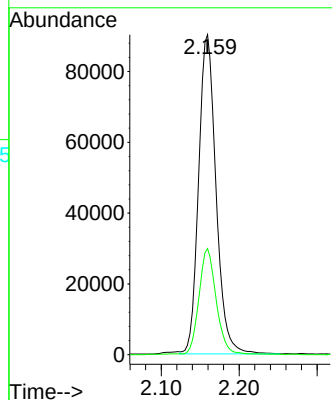
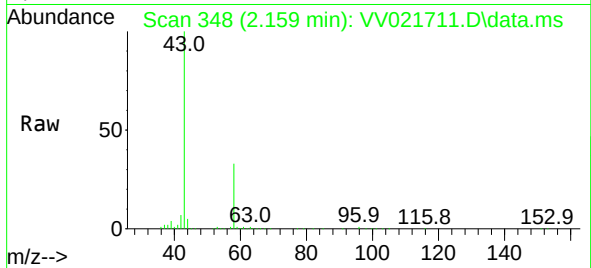




#13
Acetone
Concen: 92.332 ug/L
RT: 2.159 min Scan# 348
Delta R.T. 0.000 min
Lab File: VV021711.D
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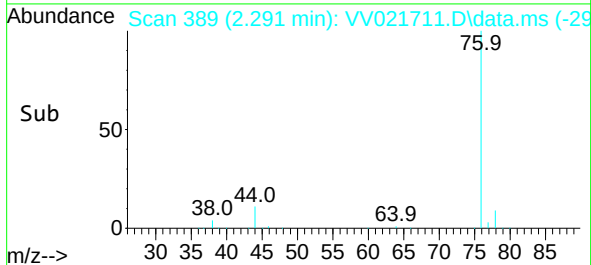
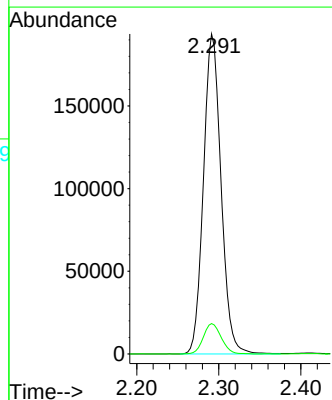
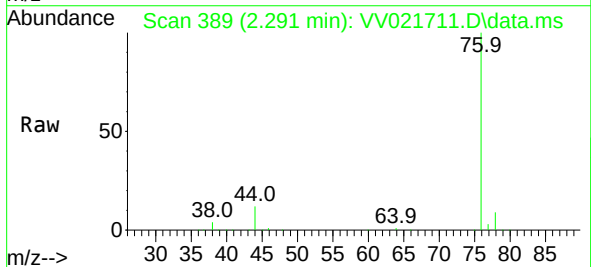
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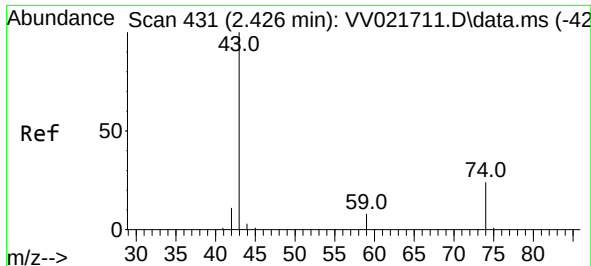
Tgt Ion: 43 Resp: 139848
Ion Ratio Lower Upper
43 100
58 33.1 0.0 66.2



#14
Carbon disulfide
Concen: 43.085 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

Tgt Ion: 76 Resp: 288587
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4

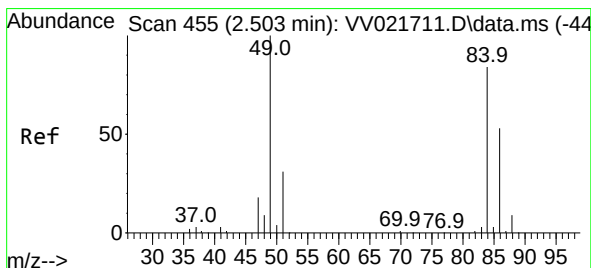
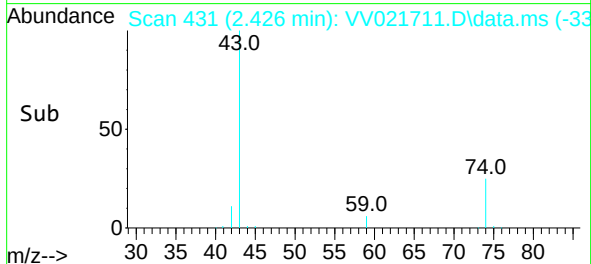
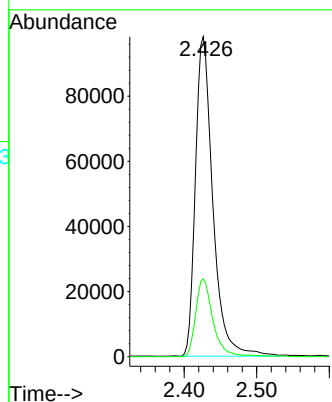
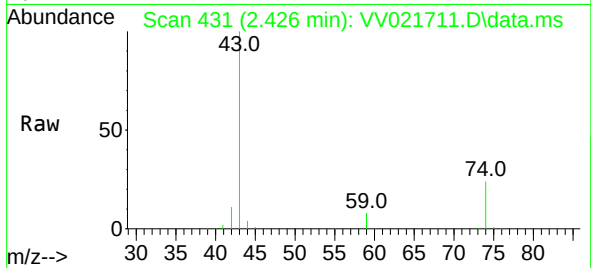




#15
Methyl Acetate
Concen: 50.055 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

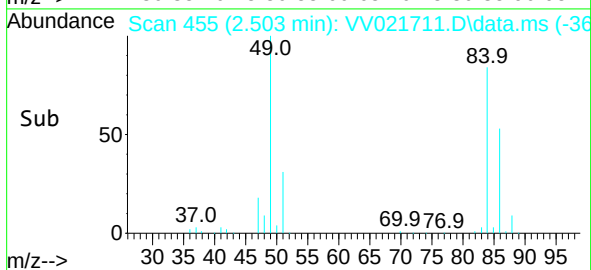
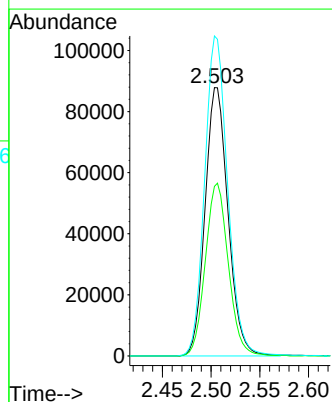
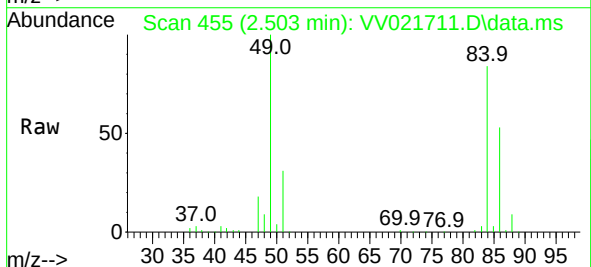
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VSTD050234

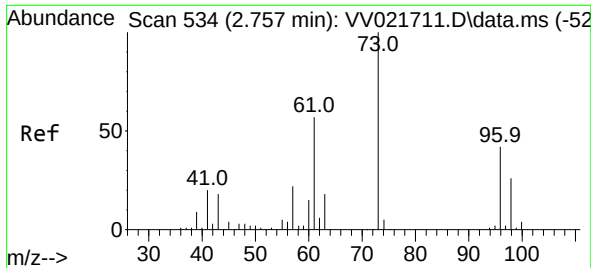
Tgt Ion: 43 Resp: 163887
Ion Ratio Lower Upper
43 100
74 23.7 19.0 28.4



#16
Methylene chloride
Concen: 44.222 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

Tgt Ion: 84 Resp: 144273
Ion Ratio Lower Upper
84 100
86 63.2 44.2 82.2
49 119.2 83.4 155.0

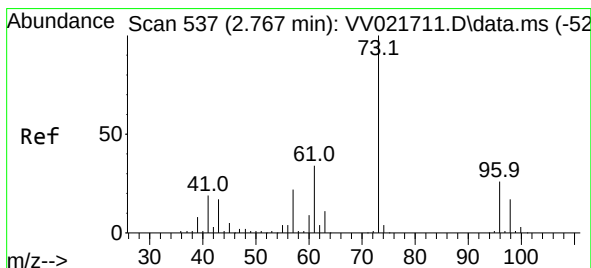
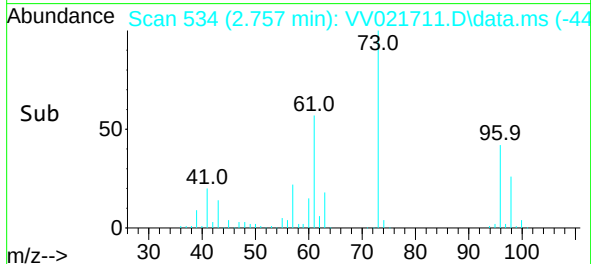
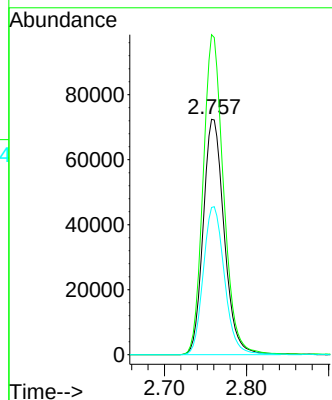
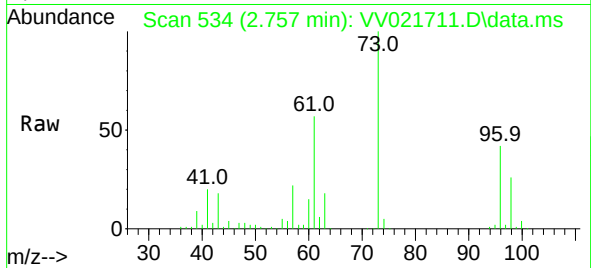




#17
trans-1,2-Dichloroethene
Concen: 47.664 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

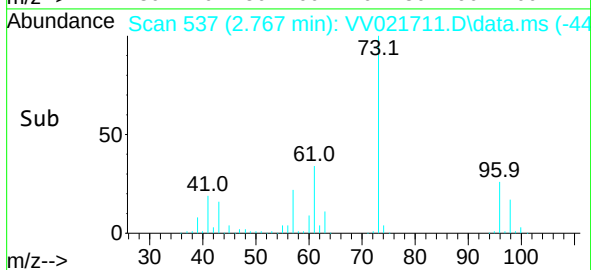
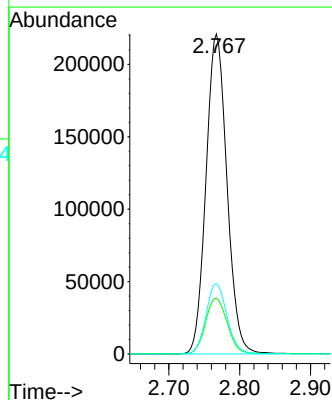
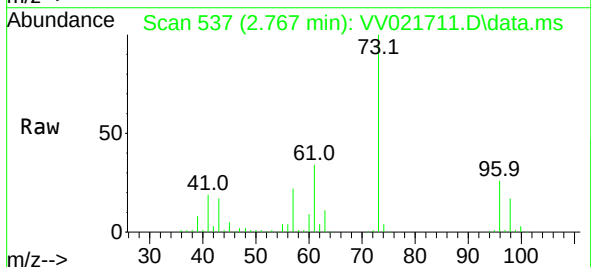
Instrument :
MSVOA_V
ClientSampleId :
VSTD050234

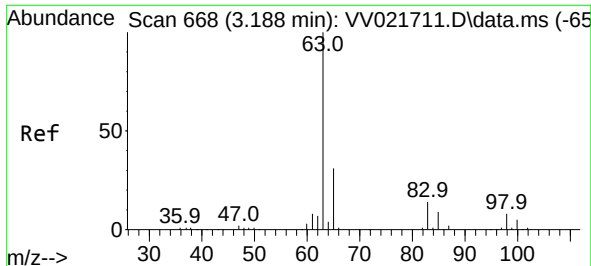
Tgt Ion: 96 Resp: 128458
Ion Ratio Lower Upper
96 100
61 135.9 95.1 176.7
98 62.5 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 49.355 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

Tgt Ion: 73 Resp: 453774
Ion Ratio Lower Upper
73 100
43 17.9 14.3 21.5
57 22.1 17.7 26.5





#19

1,1-Dichloroethane

Concen: 49.016 ug/L

RT: 3.188 min Scan# 668

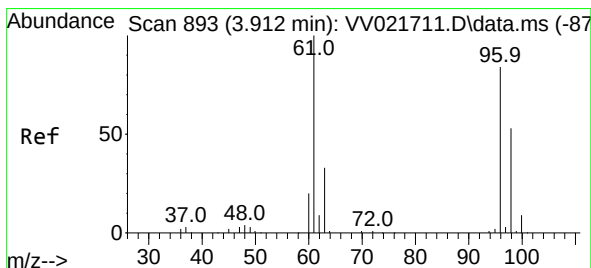
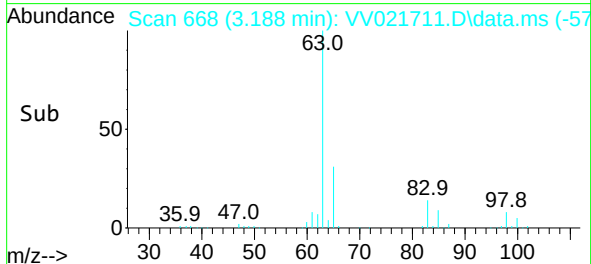
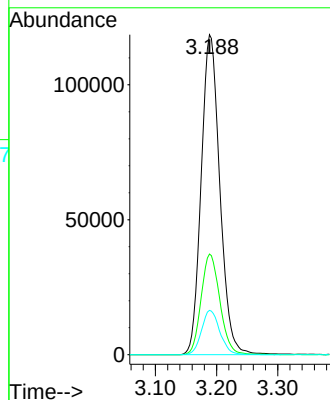
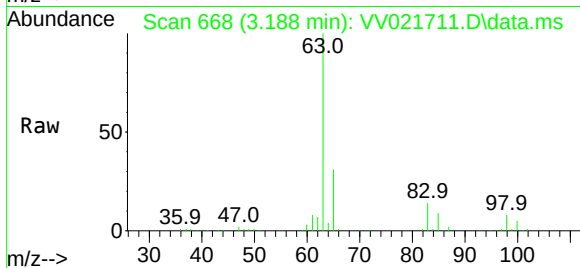
Delta R.T. 0.000 min

Lab File: VV021711.D

Acq: 02 Aug 2021 10:20

Tgt Ion: 63 Resp: 251106

Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.0	41.0
83	13.9	9.7	18.1



#20

cis-1,2-Dichloroethene

Concen: 48.669 ug/L

RT: 3.912 min Scan# 893

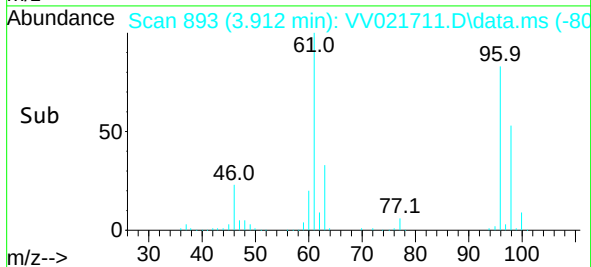
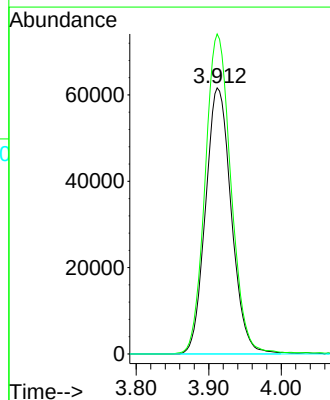
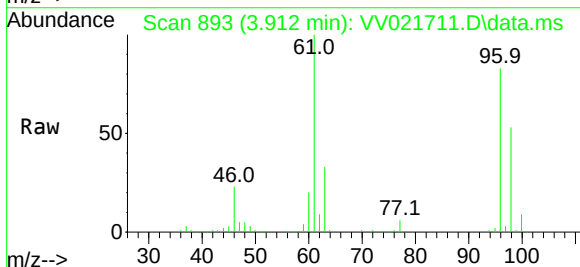
Delta R.T. 0.000 min

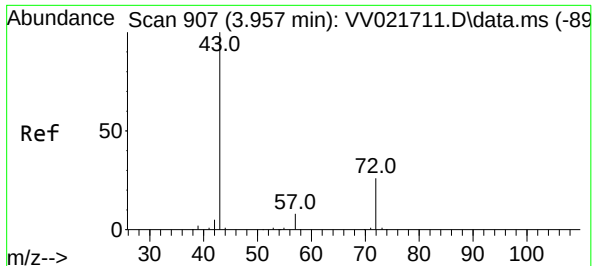
Lab File: VV021711.D

Acq: 02 Aug 2021 10:20

Tgt Ion: 96 Resp: 152522

Ion	Ratio	Lower	Upper
96	100		
61	120.2	84.1	156.3
68	0.0	0.0	0.0

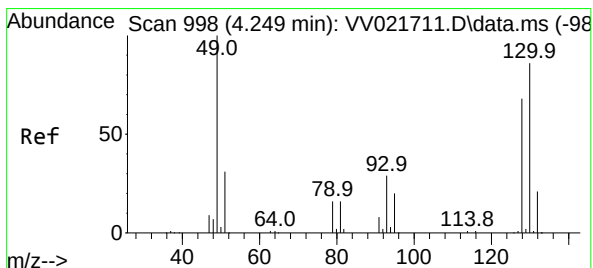
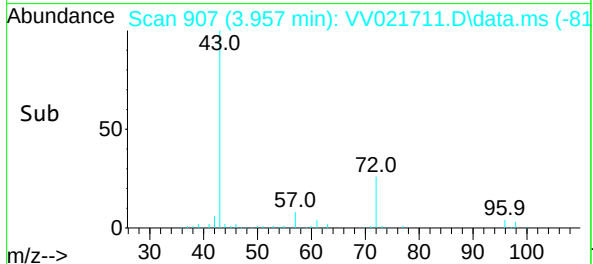
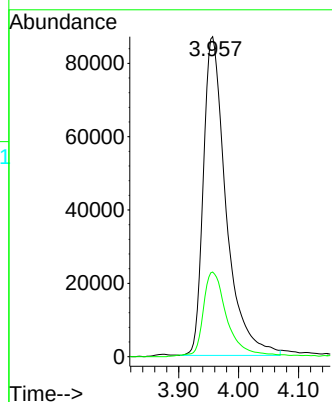
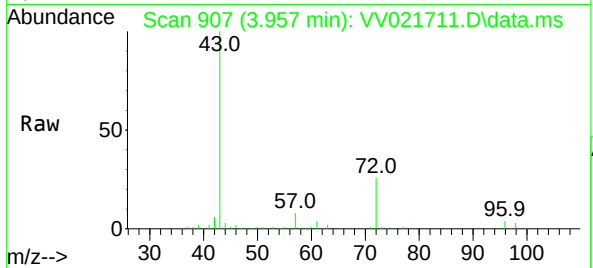




#22
2-Butanone
Concen: 100.297 ug/L
RT: 3.957 min Scan# 907
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

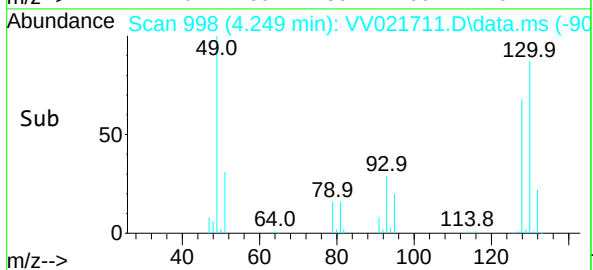
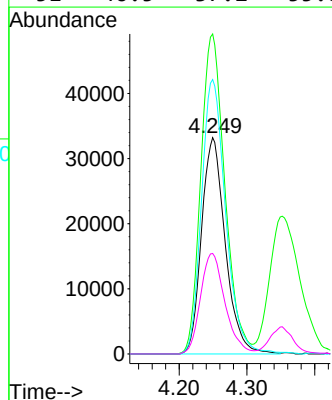
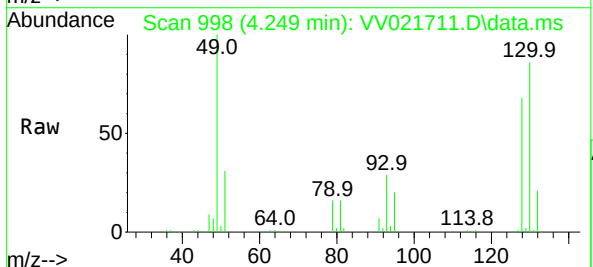
Instrument :
MSVOA_V
ClientSampleId :
VSTD050234

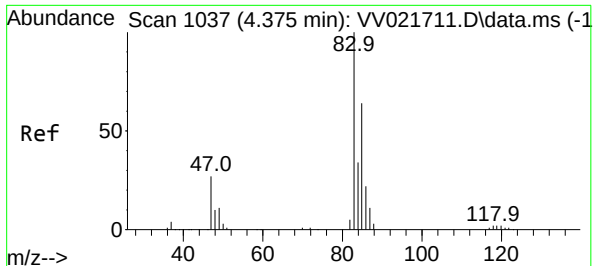
Tgt Ion: 43 Resp: 229499
Ion Ratio Lower Upper
43 100
72 27.6 13.8 41.4



#23
Bromochloromethane
Concen: 48.652 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

Tgt Ion:128 Resp: 80857
Ion Ratio Lower Upper
128 100
49 148.0 103.6 192.4
130 126.9 88.8 165.0
51 46.5 37.2 55.8





#25

Chloroform

Concen: 49.087 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VV021711.D

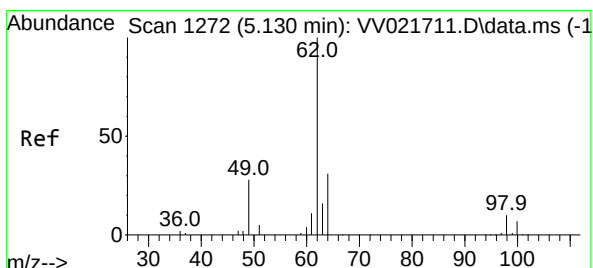
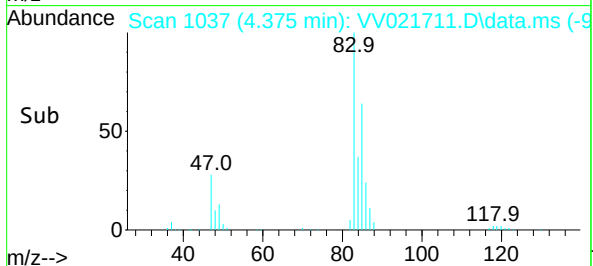
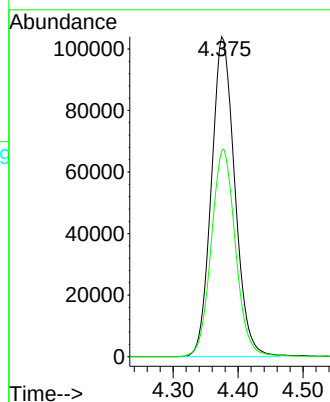
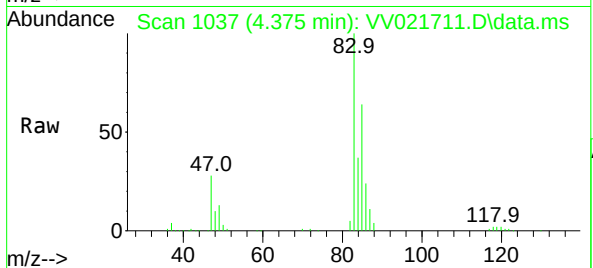
Acq: 02 Aug 2021 10:20

Tgt Ion: 83 Resp: 260083

Ion Ratio Lower Upper

83 100

85 64.3 45.0 83.6



#27

1,2-Dichloroethane

Concen: 49.549 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VV021711.D

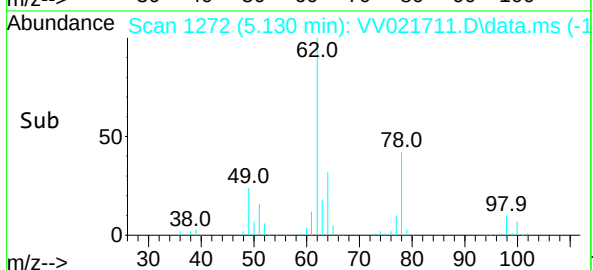
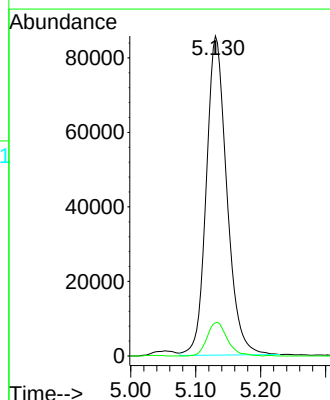
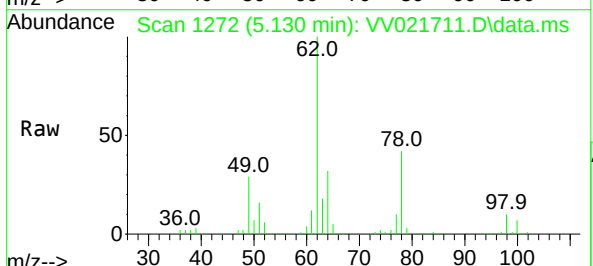
Acq: 02 Aug 2021 10:20

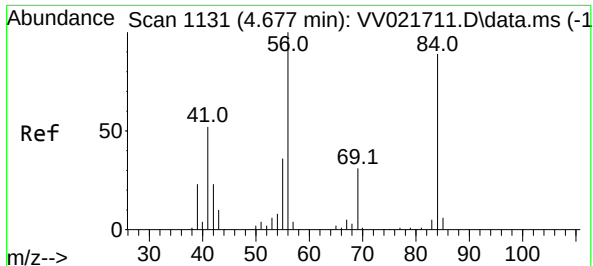
Tgt Ion: 62 Resp: 188679

Ion Ratio Lower Upper

62 100

98 10.4 8.3 12.5





#29

Cyclohexane

Concen: 46.161 ug/L

RT: 4.677 min Scan# 1131

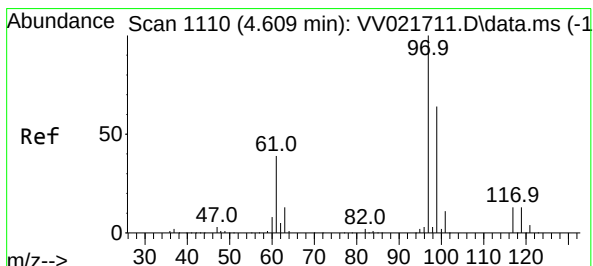
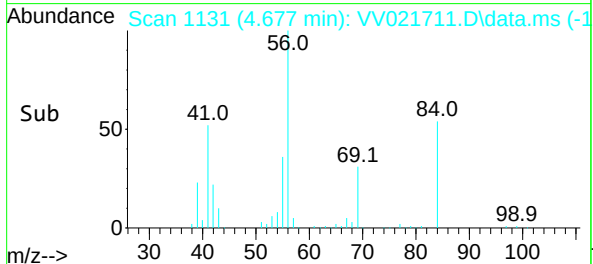
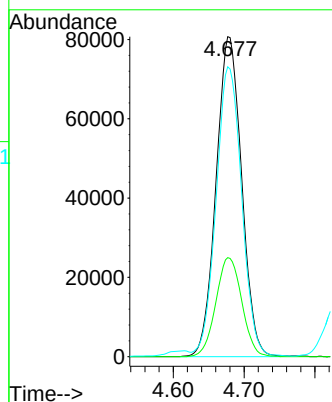
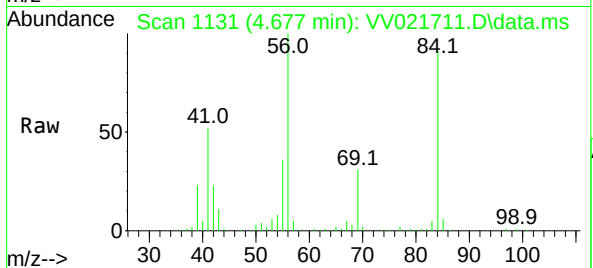
Delta R.T. 0.000 min

Lab File: VV021711.D

Acq: 02 Aug 2021 10:20

Tgt Ion: 56 Resp: 201944

Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.1	37.7
84	89.6	71.7	107.5



#30

1,1,1-Trichloroethane

Concen: 48.758 ug/L

RT: 4.609 min Scan# 1110

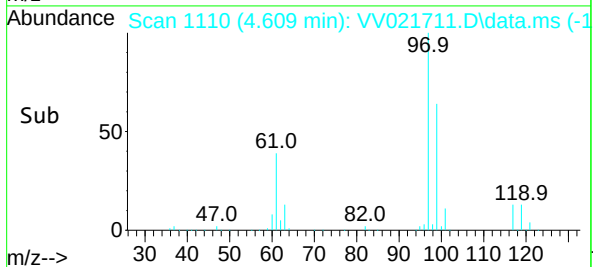
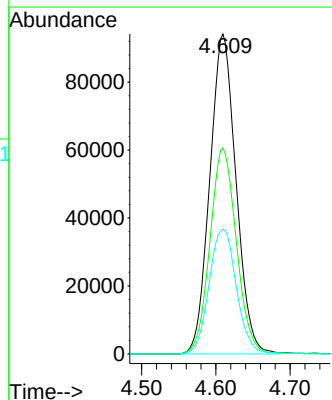
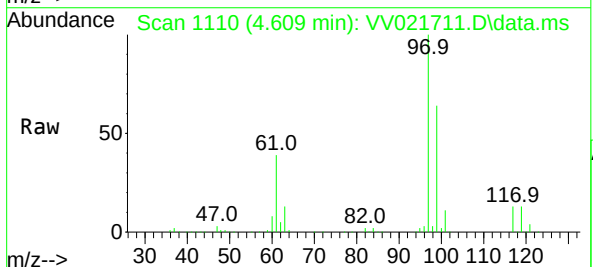
Delta R.T. 0.000 min

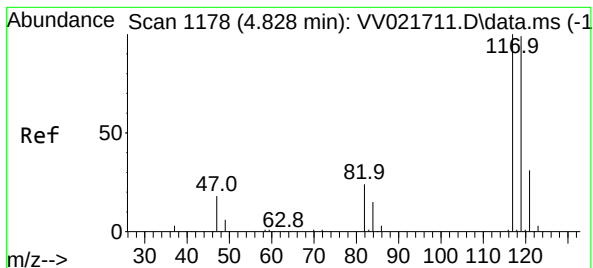
Lab File: VV021711.D

Acq: 02 Aug 2021 10:20

Tgt Ion: 97 Resp: 230976

Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.0	78.0
61	40.8	32.6	49.0

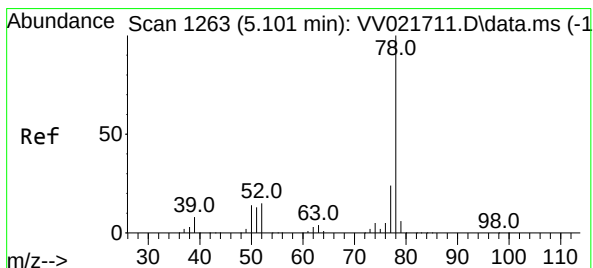
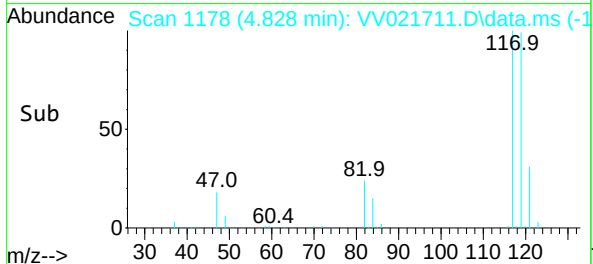
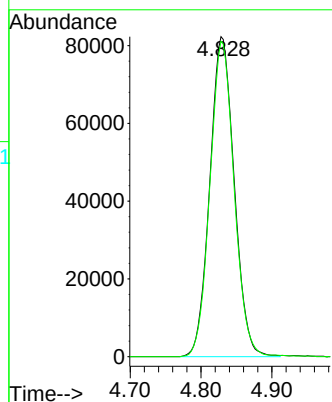
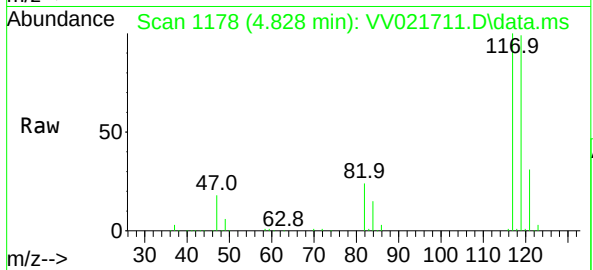




#31
Carbon tetrachloride
Concen: 48.307 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

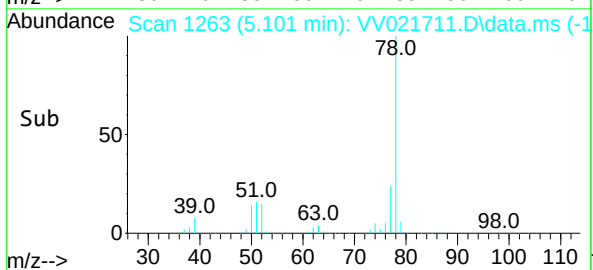
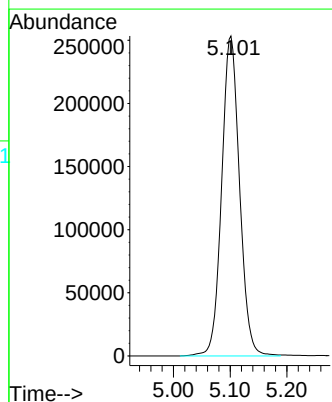
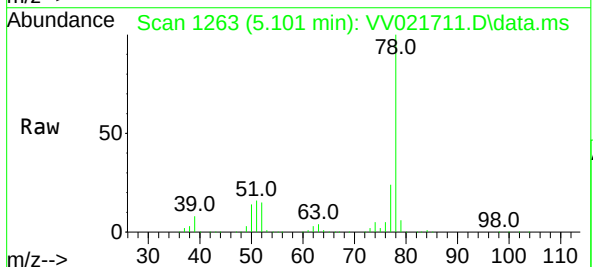
Instrument :
MSVOA_V
ClientSampleId :
VSTD050234

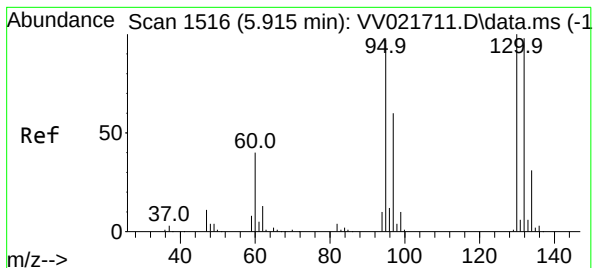
Tgt Ion:117 Resp: 197058
Ion Ratio Lower Upper
117 100
119 97.1 77.7 116.5



#33
Benzene
Concen: 49.000 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

Tgt Ion: 78 Resp: 555271





#34

Trichloroethene

Concen: 49.252 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VV021711.D

Acq: 02 Aug 2021 10:20

Tgt Ion: 95 Resp: 152127

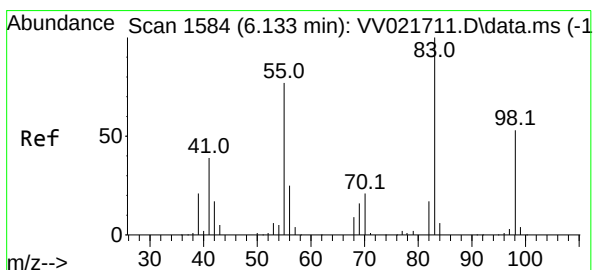
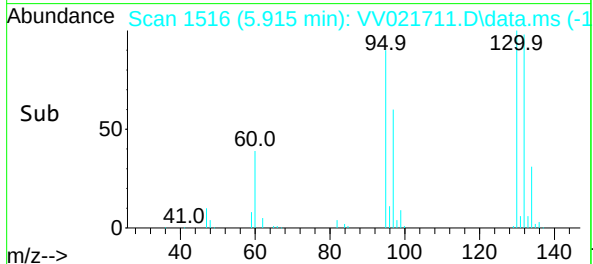
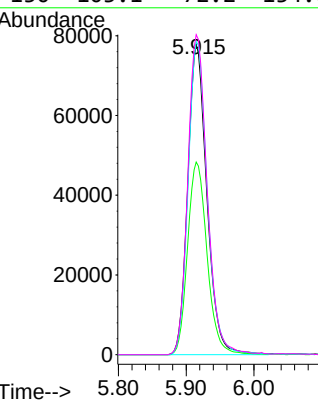
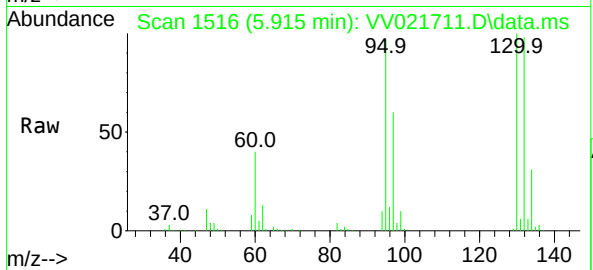
Ion Ratio Lower Upper

95 100

97 62.1 43.5 80.7

132 100.9 70.6 131.2

130 103.1 72.2 134.0



#35

Methylcyclohexane

Concen: 46.122 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.000 min

Lab File: VV021711.D

Acq: 02 Aug 2021 10:20

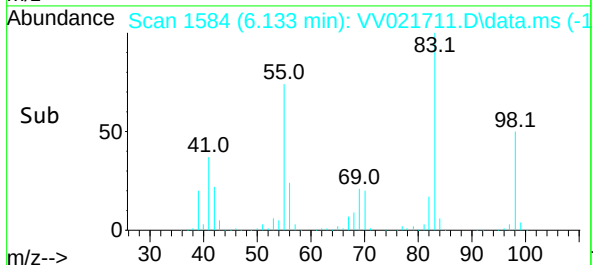
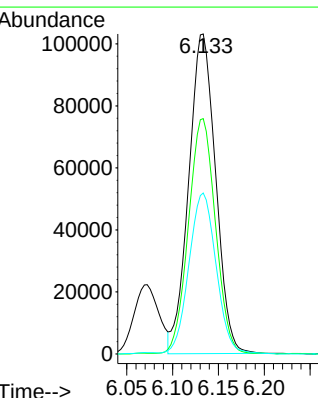
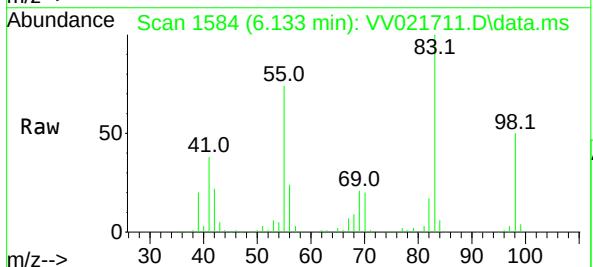
Tgt Ion: 83 Resp: 210311

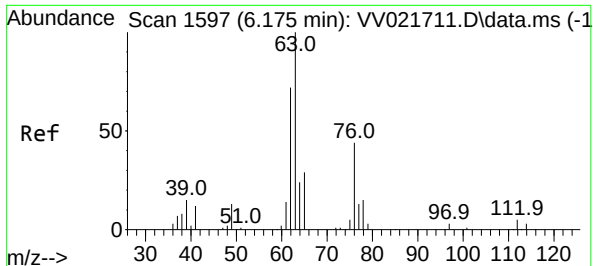
Ion Ratio Lower Upper

83 100

55 73.9 59.1 88.7

98 51.0 40.8 61.2



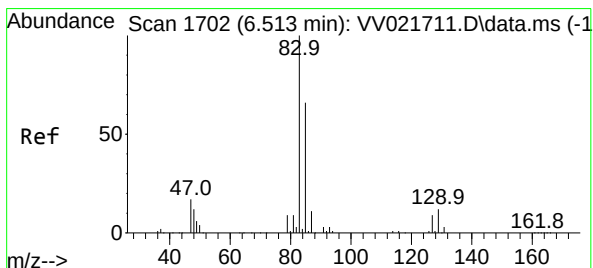
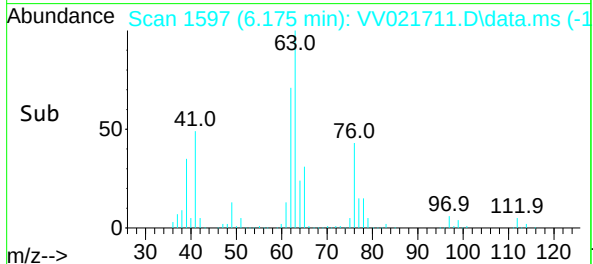
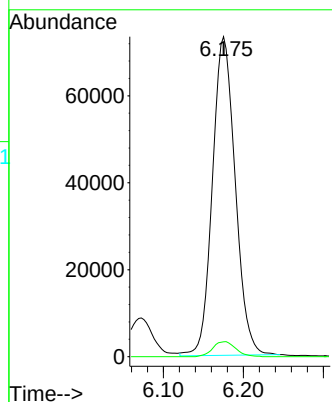
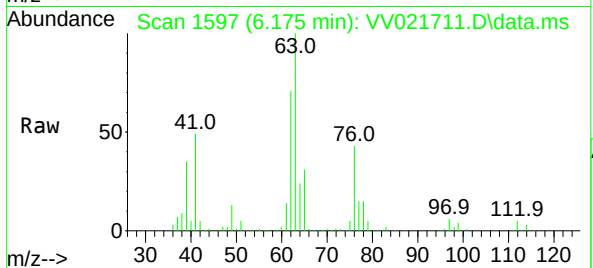


#37

1,2-Dichloropropane
Concen: 48.956 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD050234

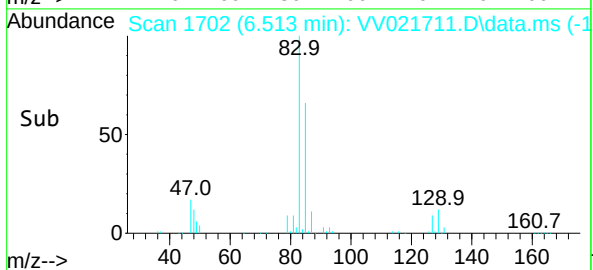
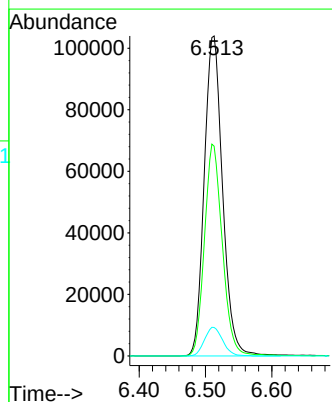
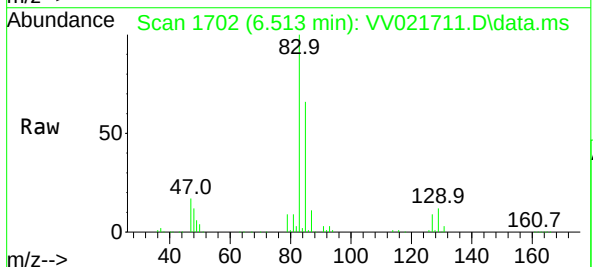
Tgt Ion: 63 Resp: 145055
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.8

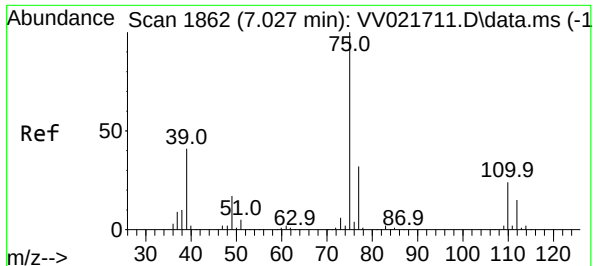


#38

Bromodichloromethane
Concen: 49.602 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

Tgt Ion: 83 Resp: 200145
Ion Ratio Lower Upper
83 100
85 65.5 45.8 85.2
127 8.9 7.1 10.7

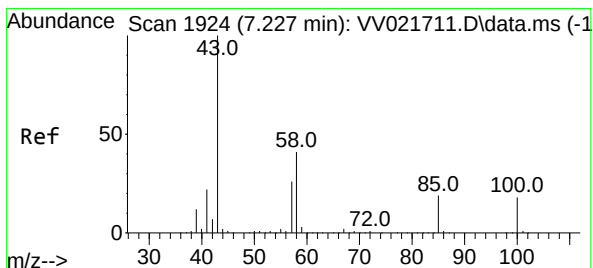
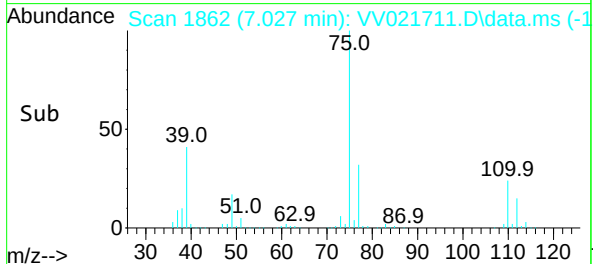
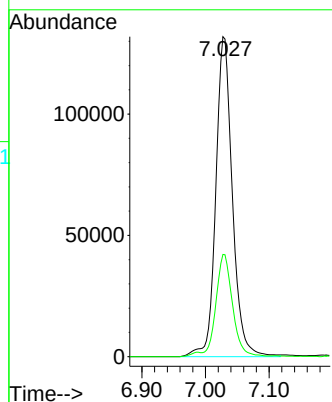
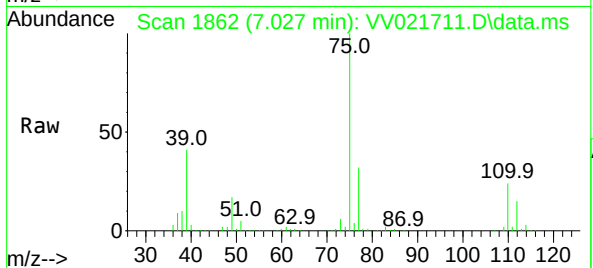




#39
 cis-1,3-Dichloropropene
 Concen: 50.103 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VV021711.D
 Acq: 02 Aug 2021 10:20

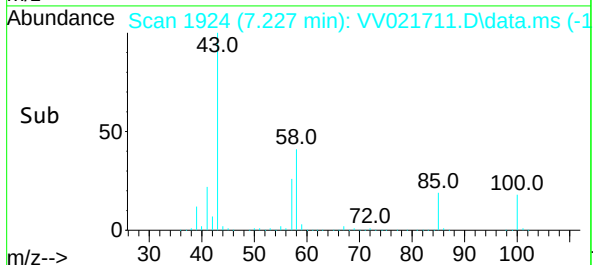
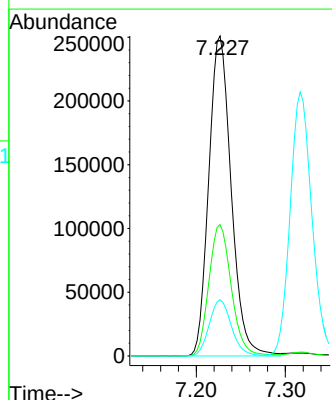
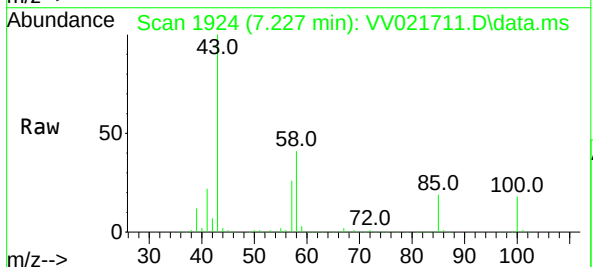
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050234

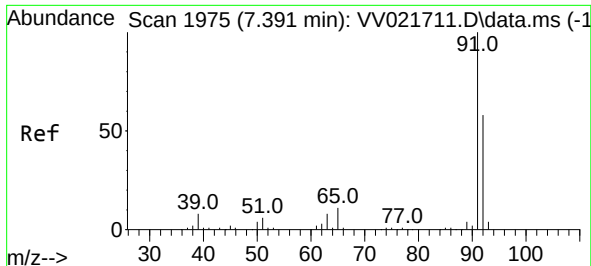
Tgt Ion: 75 Resp: 239227
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 100.410 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VV021711.D
 Acq: 02 Aug 2021 10:20

Tgt Ion: 43 Resp: 438486
 Ion Ratio Lower Upper
 43 100
 58 41.1 32.9 49.3
 100 17.3 13.8 20.8

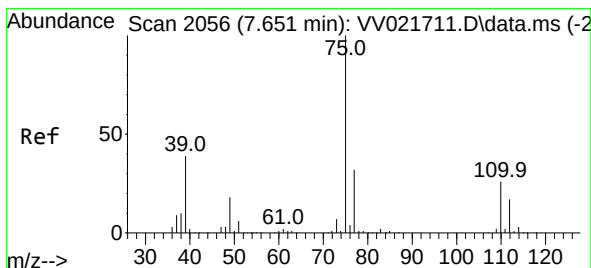
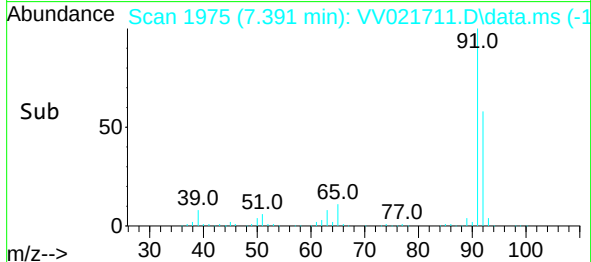
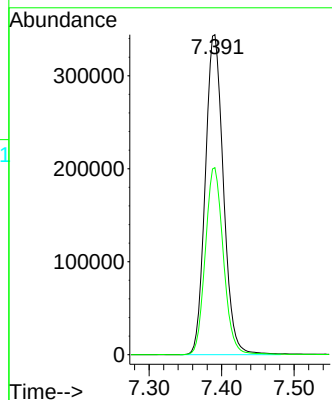
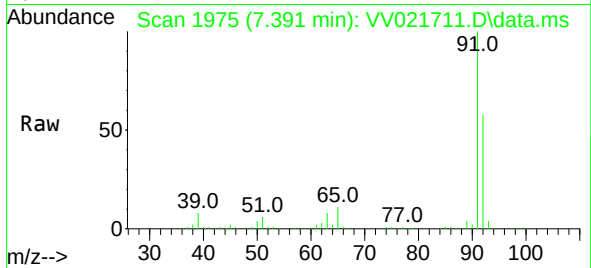




#42
Toluene
Concen: 48.882 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

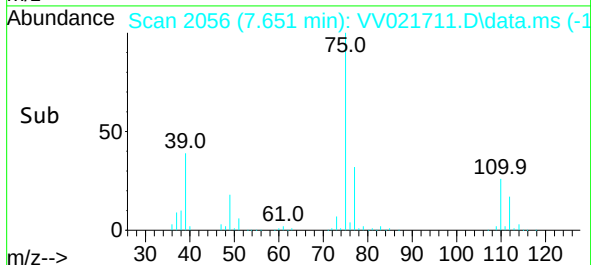
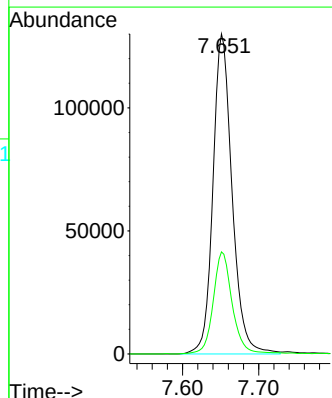
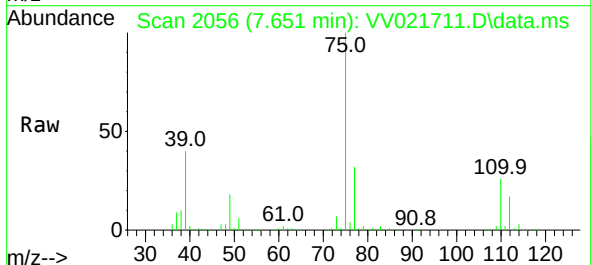
Instrument :
MSVOA_V
ClientSampleId :
VSTD050234

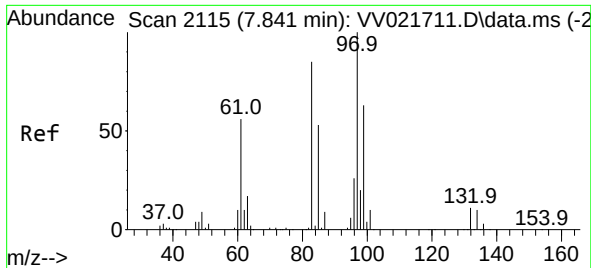
Tgt Ion: 91 Resp: 597813
Ion Ratio Lower Upper
91 100
92 58.5 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 50.120 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

Tgt Ion: 75 Resp: 227097
Ion Ratio Lower Upper
75 100
77 31.9 22.3 41.5



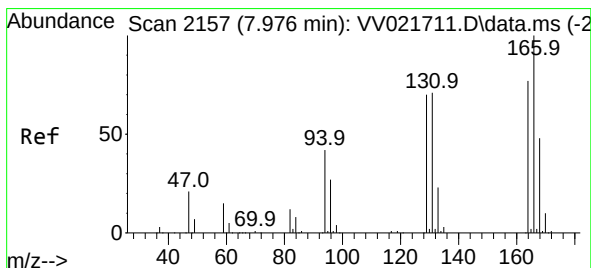
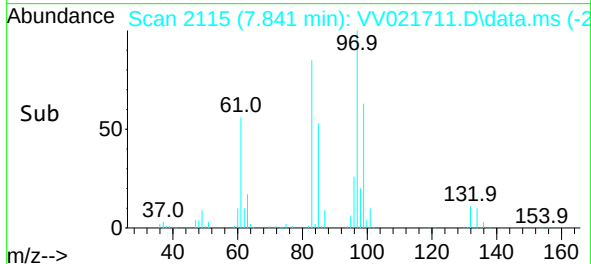
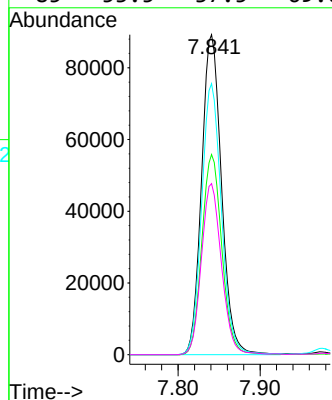
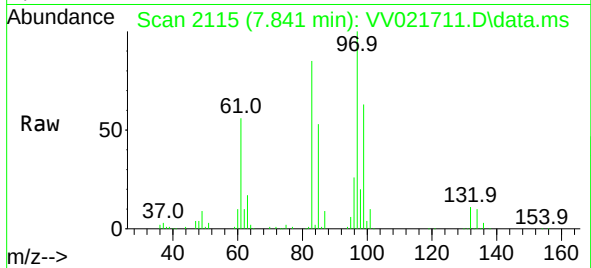


#45

1,1,2-Trichloroethane
Concen: 50.297 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD050234

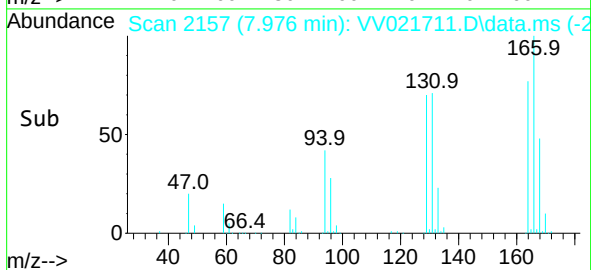
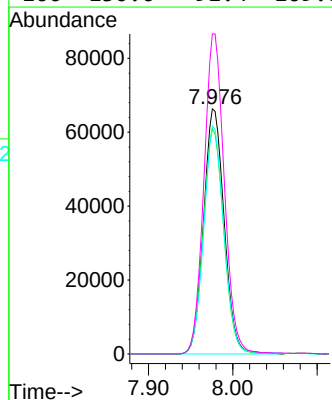
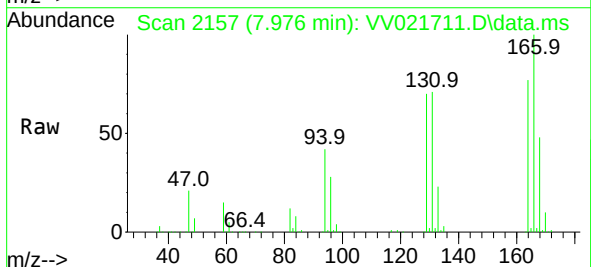
Tgt Ion:	97	Resp:	150996
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.8	81.3
83	84.7	59.3	110.1
85	53.5	37.5	69.6

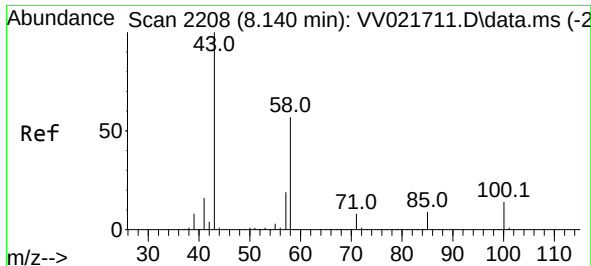


#46

Tetrachloroethene
Concen: 47.173 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

Tgt Ion:	164	Resp:	112609
Ion	Ratio	Lower	Upper
164	100		
129	91.9	64.3	119.5
131	93.1	65.2	121.0
166	130.6	91.4	169.8

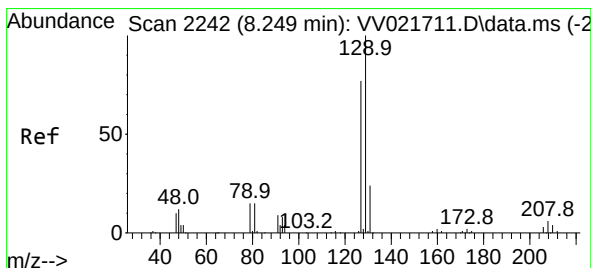
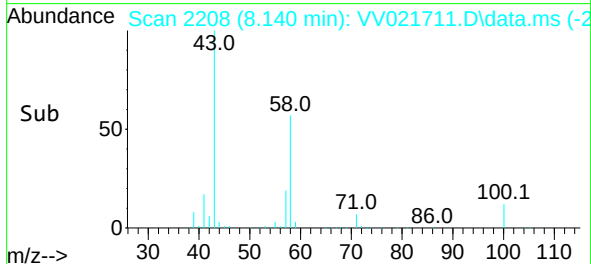
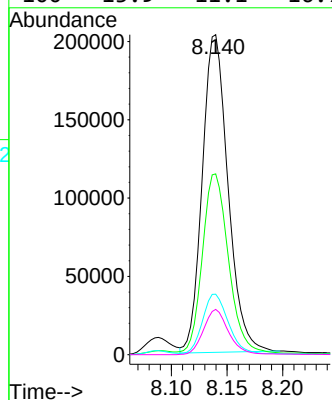
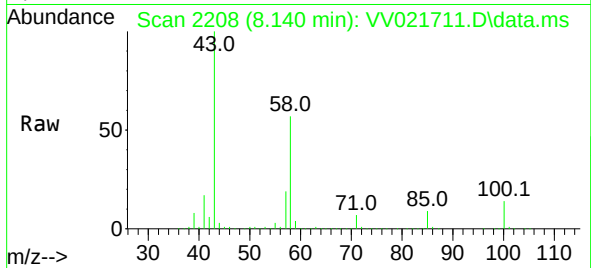




#48
2-Hexanone
Concen: 97.654 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

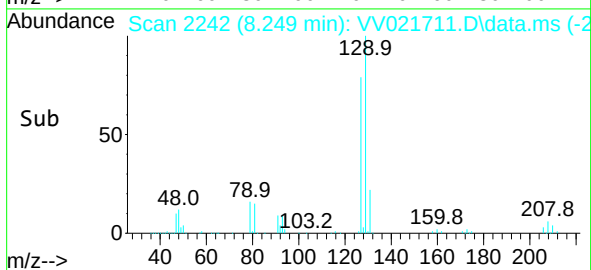
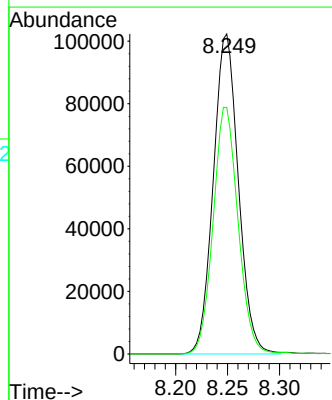
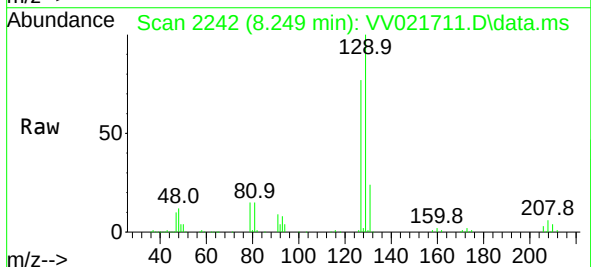
Instrument :
MSVOA_V
ClientSampleId :
VSTD050234

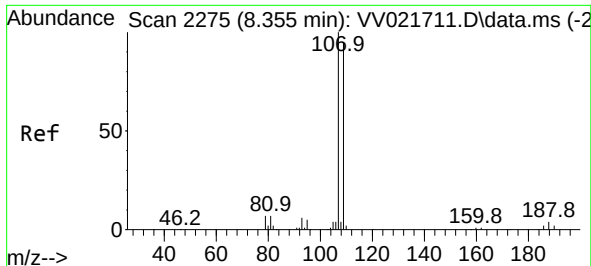
Tgt Ion:	43	Resp:	326653
Ion	Ratio	Lower	Upper
43	100		
58	57.5	46.0	69.0
57	18.7	15.0	22.4
100	13.9	11.1	16.7



#49
Dibromochloromethane
Concen: 50.571 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

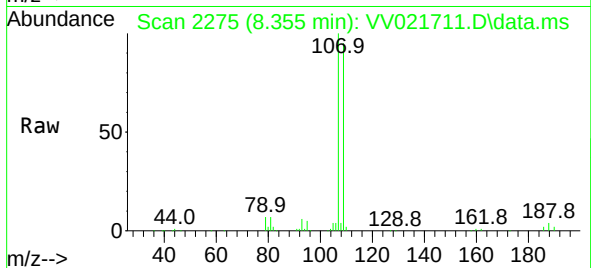
Tgt Ion:	129	Resp:	171741
Ion	Ratio	Lower	Upper
129	100		
127	77.1	54.0	100.2



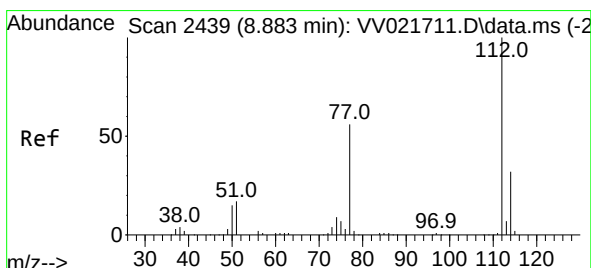
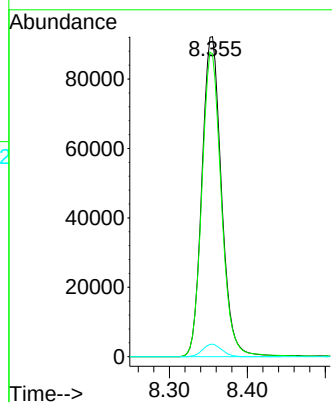
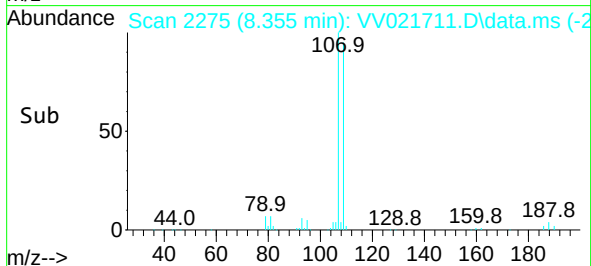


#50
1,2-Dibromoethane
Concen: 49.973 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

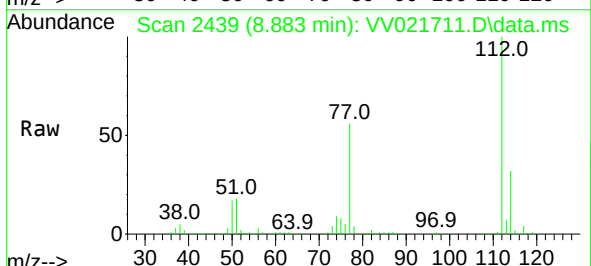
Instrument :
MSVOA_V
ClientSampleId :
VSTD050234



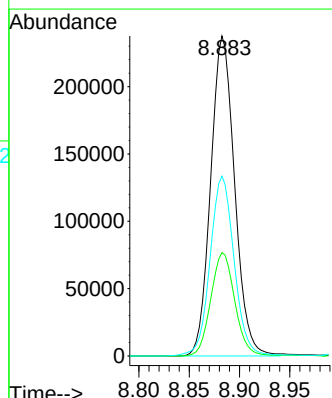
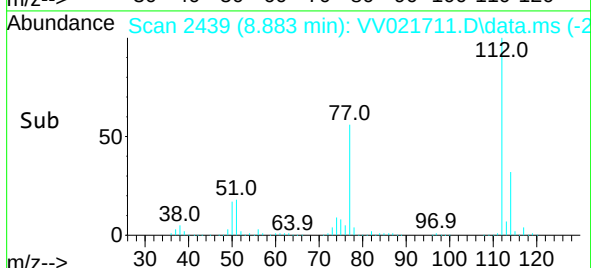
Tgt Ion:107 Resp: 159927
Ion Ratio Lower Upper
107 100
109 94.6 66.2 123.0
188 3.9 3.1 4.7

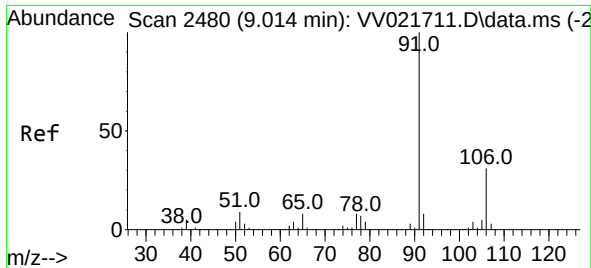


#51
Chlorobenzene
Concen: 49.003 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20



Tgt Ion:112 Resp: 394243
Ion Ratio Lower Upper
112 100
114 32.3 22.6 42.0
77 56.2 45.0 67.4

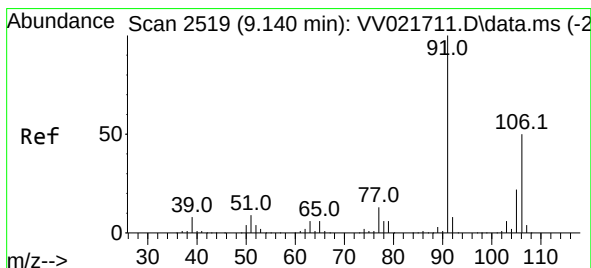
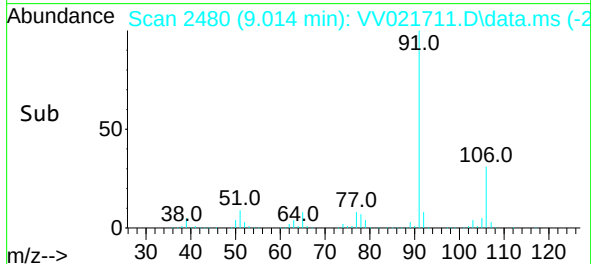
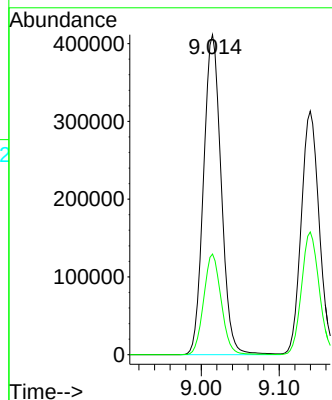
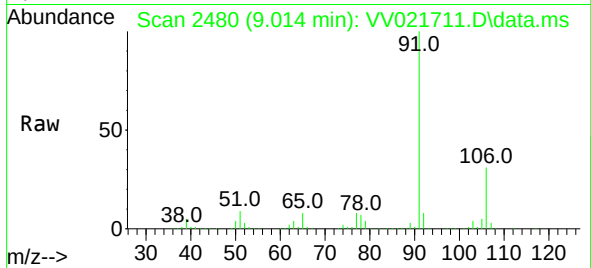




#52
Ethylbenzene
Concen: 49.341 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

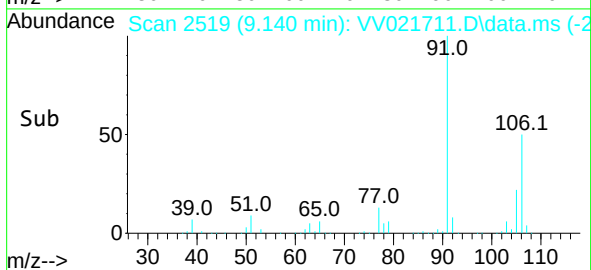
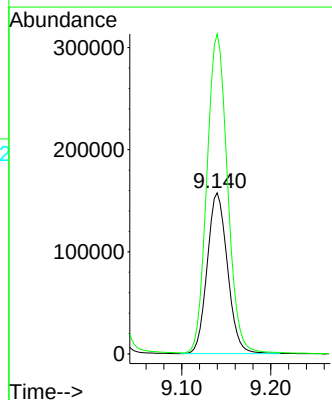
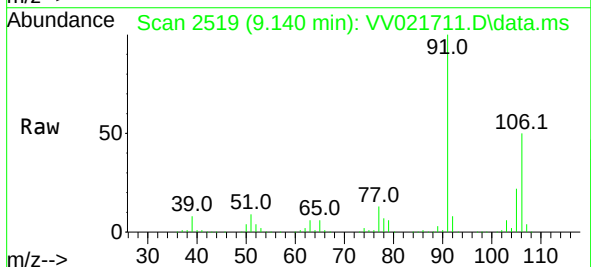
Instrument :
MSVOA_V
ClientSampleId :
VSTD050234

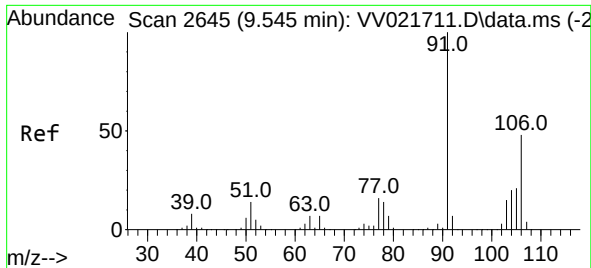
Tgt Ion: 91 Resp: 647670
Ion Ratio Lower Upper
91 100
106 31.4 22.0 40.8



#53
m,p-Xylene
Concen: 48.811 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

Tgt Ion: 106 Resp: 248364
Ion Ratio Lower Upper
106 100
91 198.5 138.9 258.1

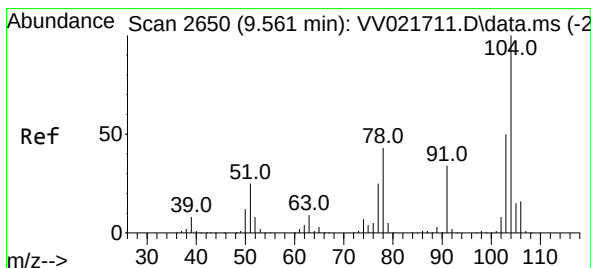
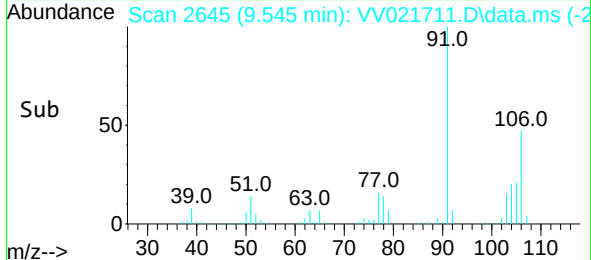
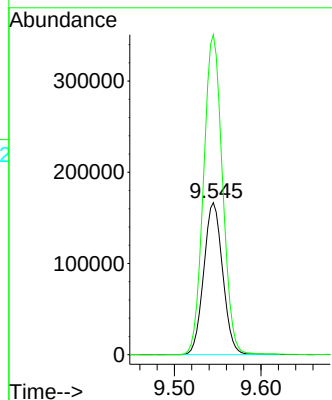
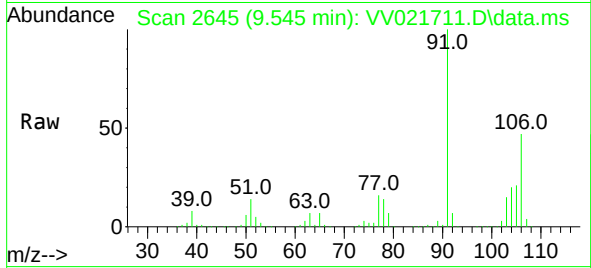




#54
o-Xylene
Concen: 49.531 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

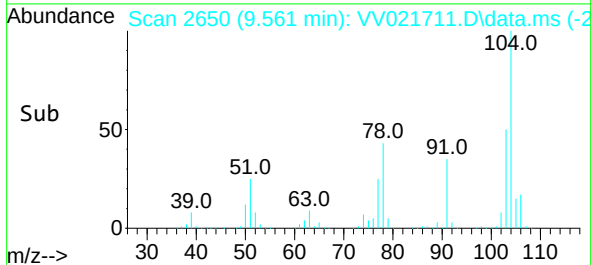
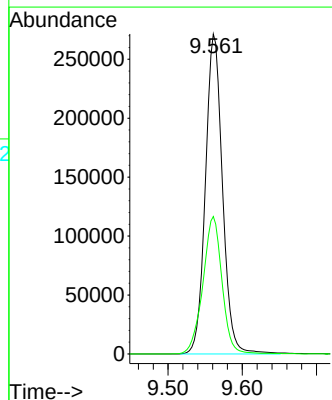
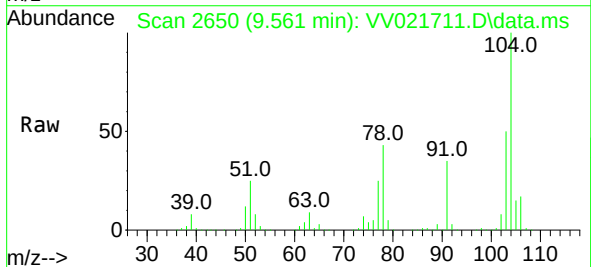
Instrument :
MSVOA_V
ClientSampleId :
VSTD050234

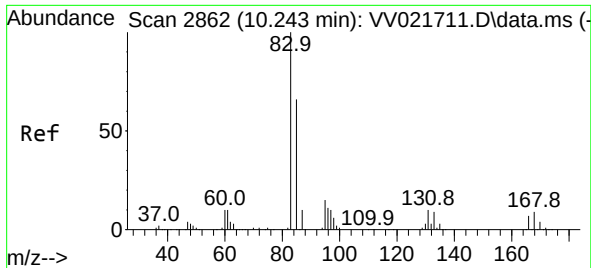
Tgt Ion:106 Resp: 253409
Ion Ratio Lower Upper
106 100
91 210.6 147.4 273.8



#55
Styrene
Concen: 50.268 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

Tgt Ion:104 Resp: 433311
Ion Ratio Lower Upper
104 100
78 42.9 30.0 55.8

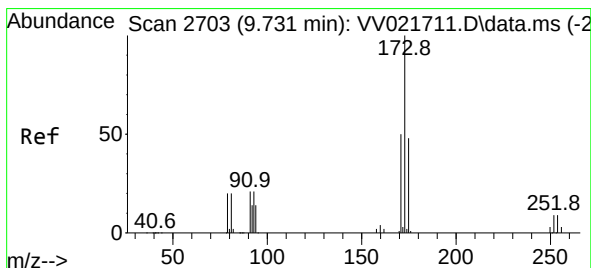
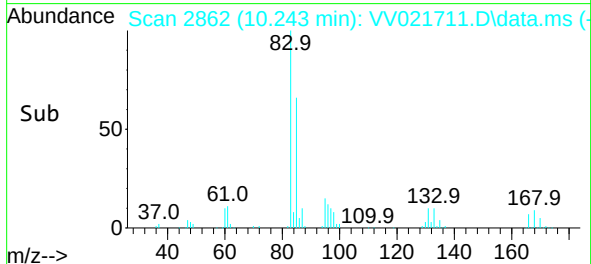
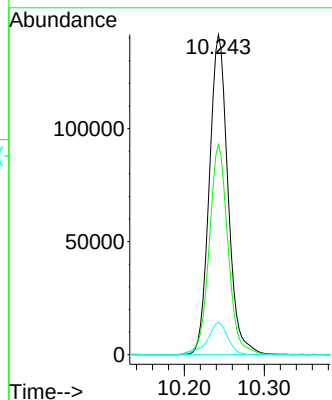
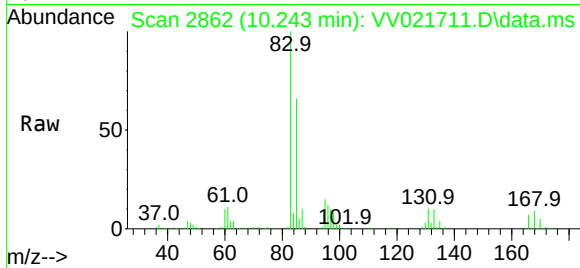




#57
1,1,2,2-Tetrachloroethane
Concen: 49.892 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

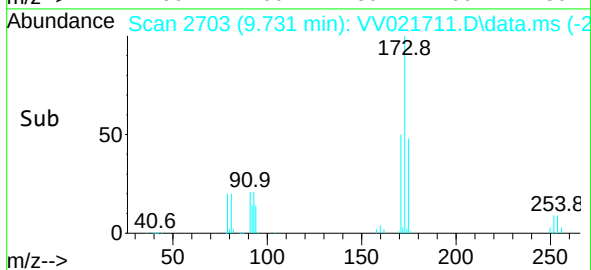
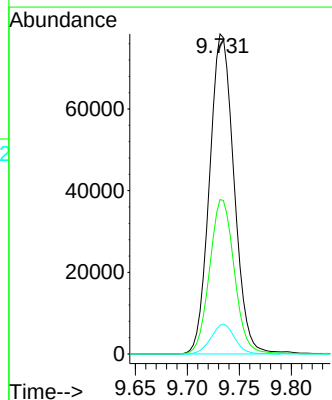
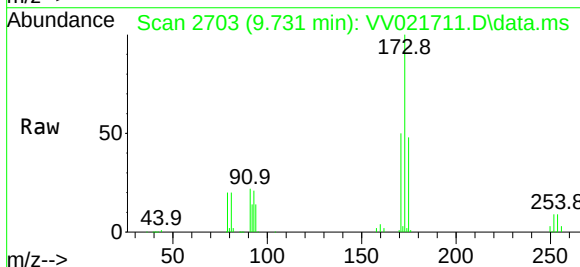
Instrument :
MSVOA_V
ClientSampleId :
VSTD050234

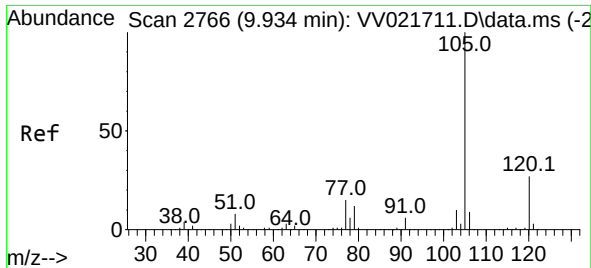
Tgt Ion:	83	Resp:	228768
Ion	Ratio	Lower	Upper
83	100		
85	65.7	46.0	85.4
131	10.1	8.1	12.1



#59
Bromoform
Concen: 48.937 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

Tgt Ion:	173	Resp:	128398
Ion	Ratio	Lower	Upper
173	100		
175	48.7	39.0	58.4
254	9.0	7.2	10.8

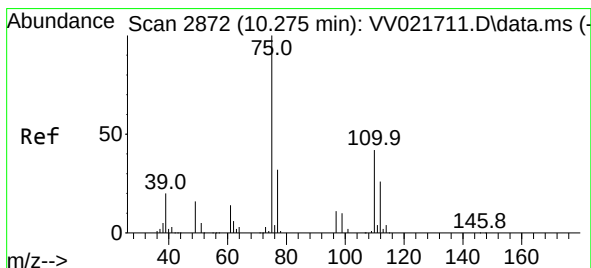
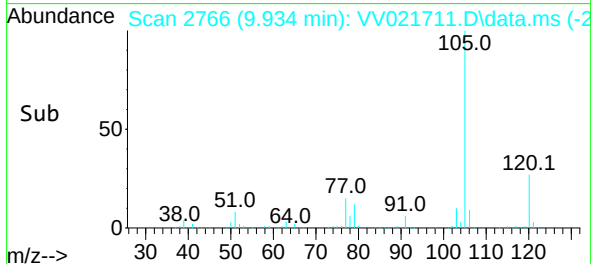
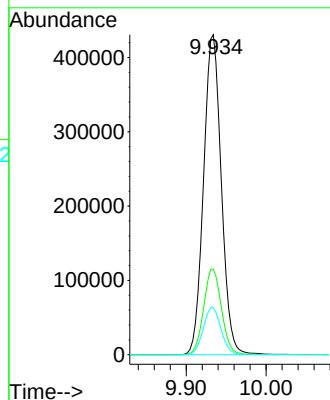
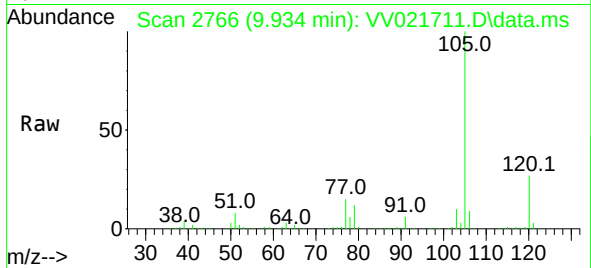




#60
Isopropylbenzene
Concen: 48.413 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

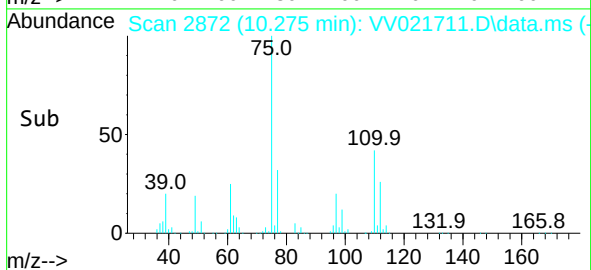
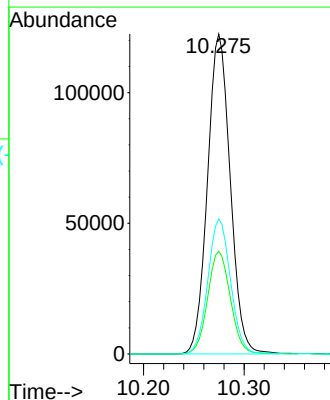
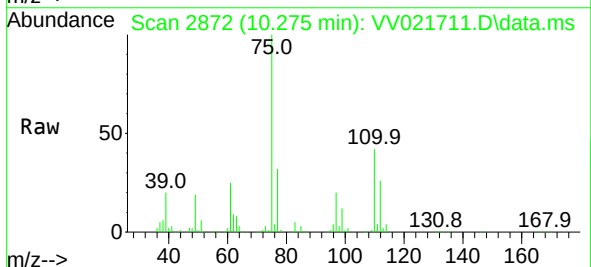
Instrument :
MSVOA_V
ClientSampleId :
VSTD050234

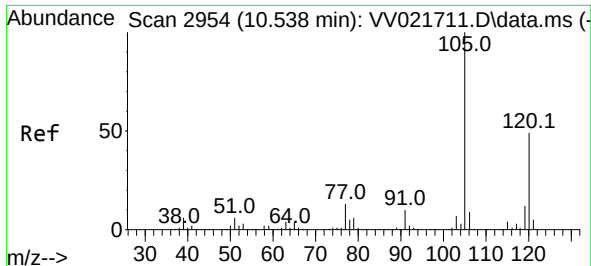
Tgt Ion:105 Resp: 666421
Ion Ratio Lower Upper
105 100
120 26.9 21.5 32.3
77 14.8 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 48.762 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

Tgt Ion: 75 Resp: 192230
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5
110 42.2 33.8 50.6

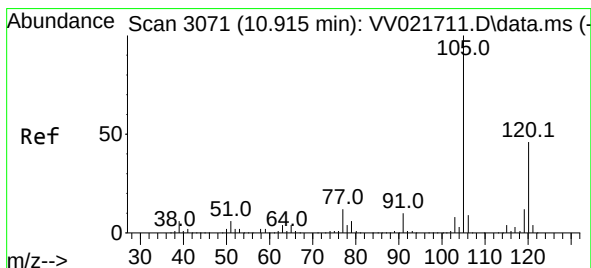
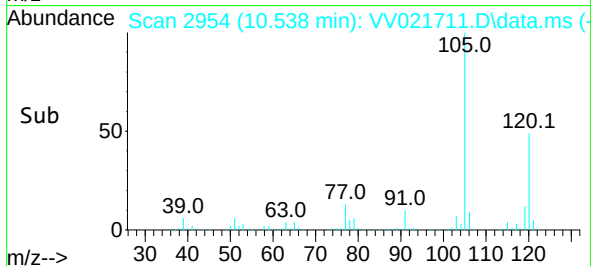
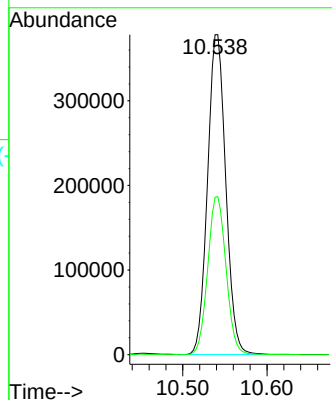
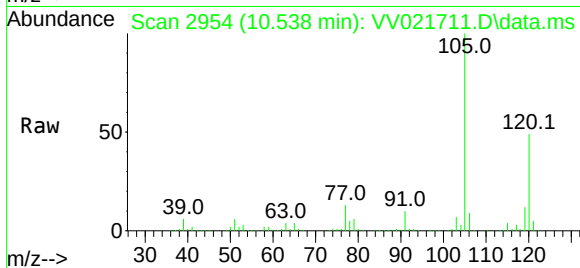




#62
1,3,5-Trimethylbenzene
Concen: 48.919 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

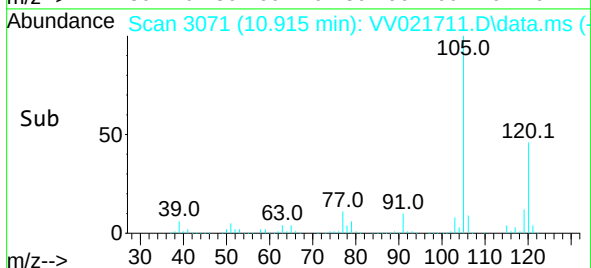
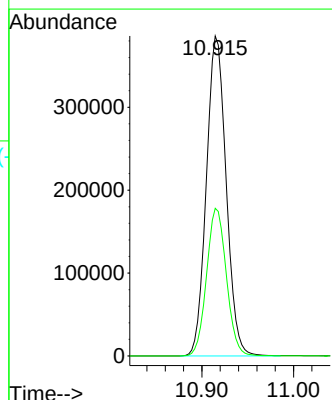
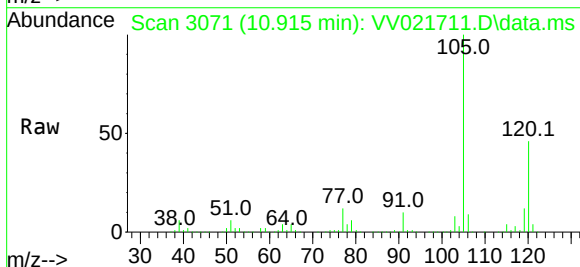
Instrument :
MSVOA_V
ClientSampleId :
VSTD050234

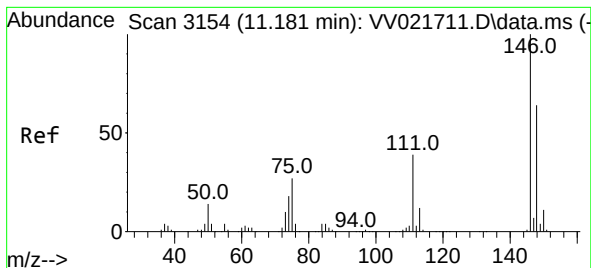
Tgt Ion:105 Resp: 568360
Ion Ratio Lower Upper
105 100
120 49.7 39.8 59.6



#63
1,2,4-Trimethylbenzene
Concen: 49.255 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

Tgt Ion:105 Resp: 579239
Ion Ratio Lower Upper
105 100
120 46.3 37.0 55.6





#64

1,3-Dichlorobenzene

Concen: 49.106 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.000 min

Lab File: VV021711.D

Acq: 02 Aug 2021 10:20

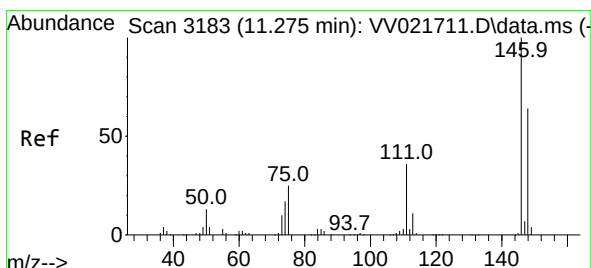
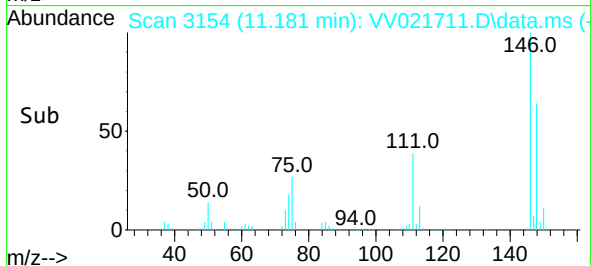
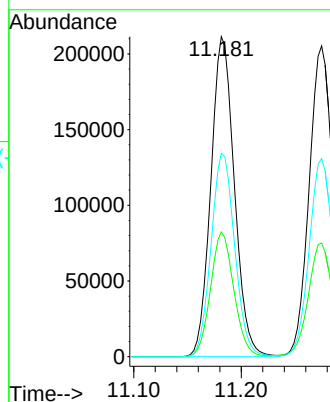
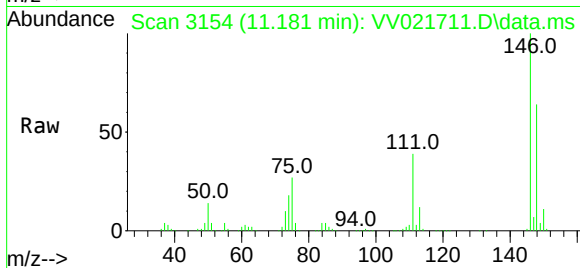
Tgt Ion:146 Resp: 321072

Ion Ratio Lower Upper

146 100

111 39.0 27.3 50.7

148 63.5 44.4 82.5



#65

1,4-Dichlorobenzene

Concen: 49.127 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.000 min

Lab File: VV021711.D

Acq: 02 Aug 2021 10:20

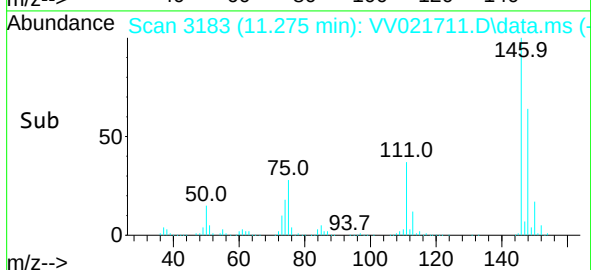
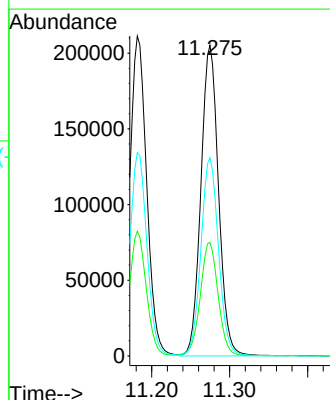
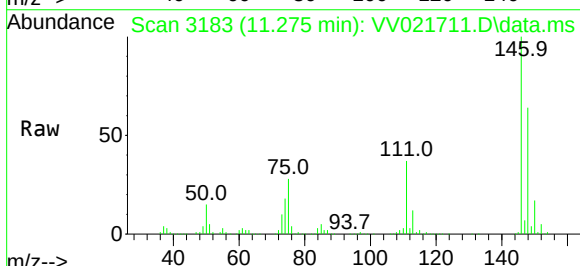
Tgt Ion:146 Resp: 322045

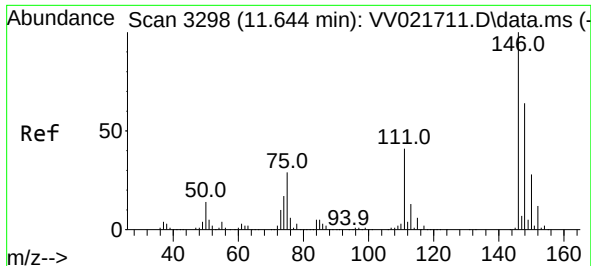
Ion Ratio Lower Upper

146 100

111 36.5 25.6 47.4

148 63.8 44.7 82.9

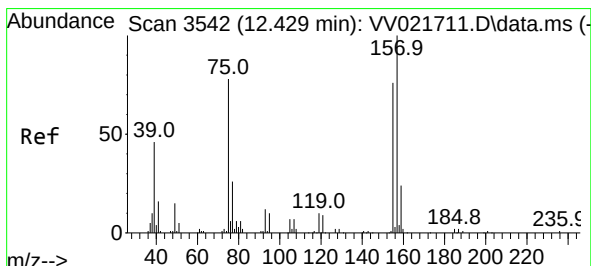
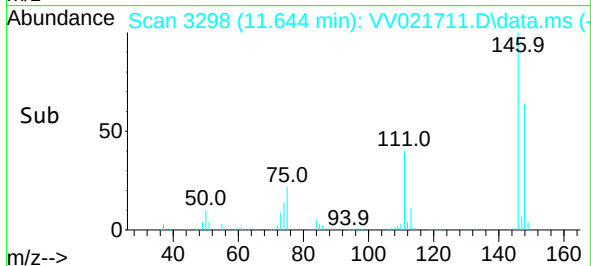
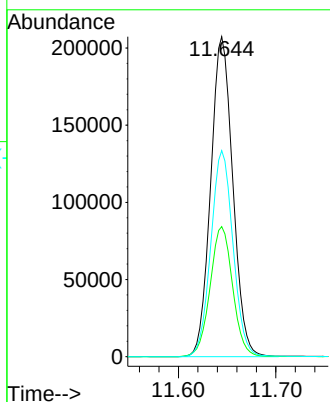
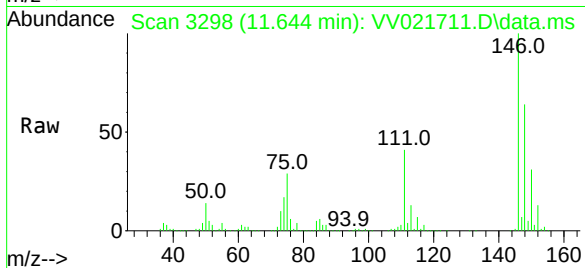




#67
1,2-Dichlorobenzene
Concen: 49.275 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

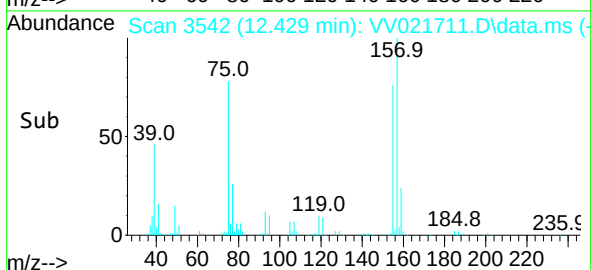
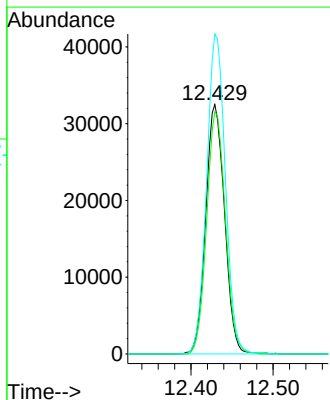
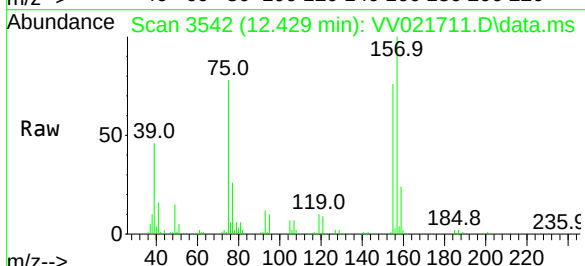
Instrument :
MSVOA_V
ClientSampleId :
VSTD050234

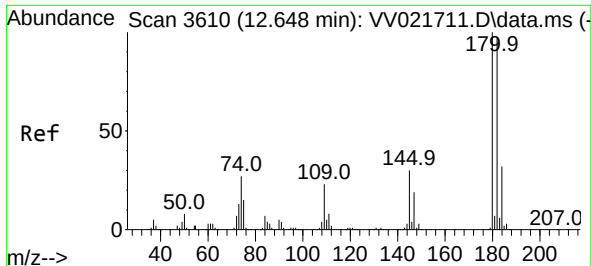
Tgt Ion:146 Resp: 326882
Ion Ratio Lower Upper
146 100
111 40.6 32.5 48.7
148 64.4 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 47.990 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

Tgt Ion: 75 Resp: 52022
Ion Ratio Lower Upper
75 100
155 97.1 77.7 116.5
157 128.3 102.6 154.0

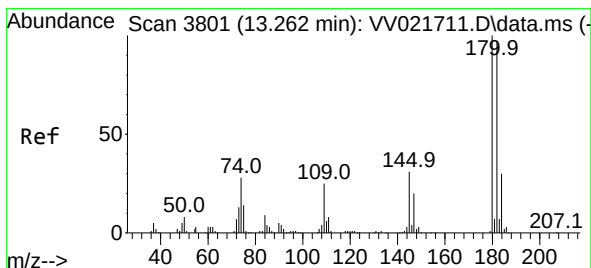
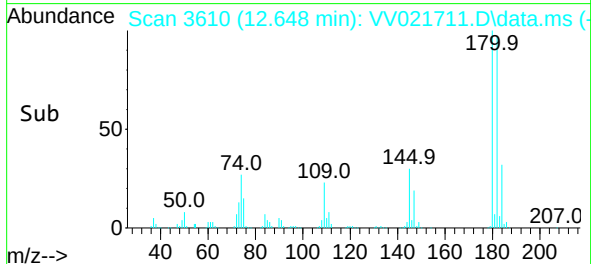
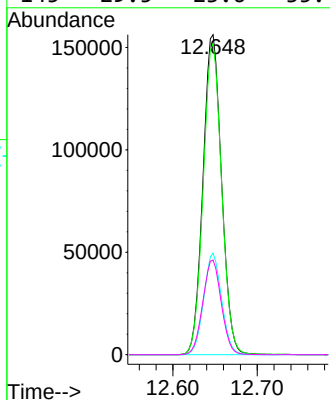
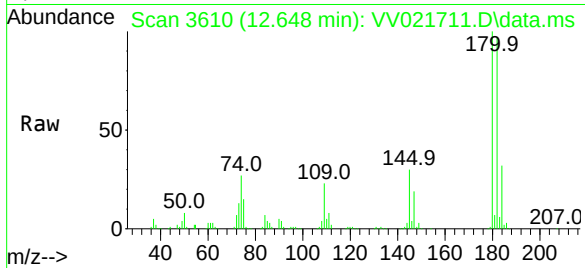




#69
1,3,5-Trichlorobenzene
Concen: 49.417 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

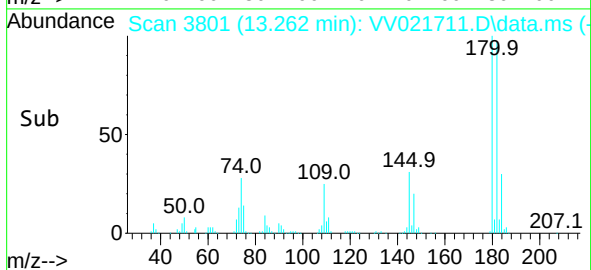
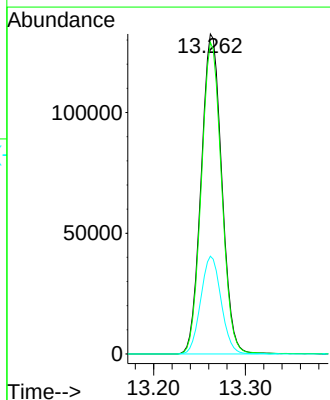
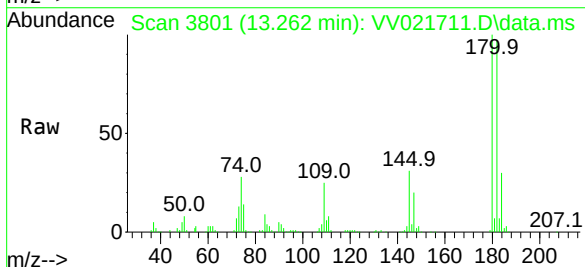
Instrument :
MSVOA_V
ClientSampleId :
VSTD050234

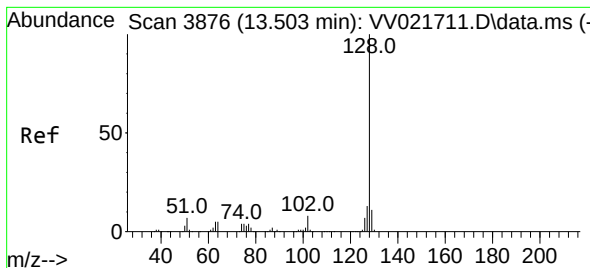
Tgt Ion:	180	Resp:	239571
Ion Ratio	Lower	Upper	
180	100		
182	96.4	77.1	115.7
184	30.7	24.6	36.8
145	29.5	23.6	35.4



#70
1,2,4-trichlorobenzene
Concen: 48.741 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

Tgt Ion:	180	Resp:	206996
Ion Ratio	Lower	Upper	
180	100		
182	95.4	76.3	114.5
145	30.1	24.1	36.1

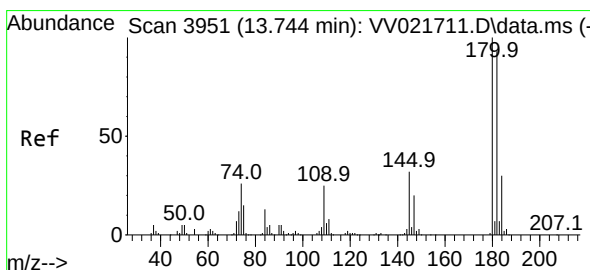
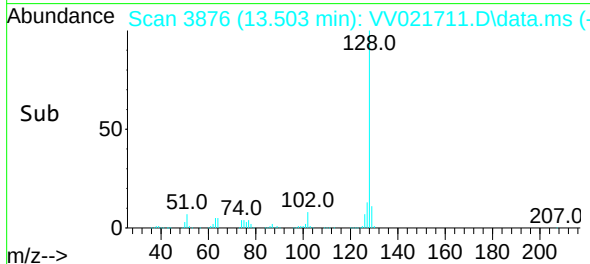
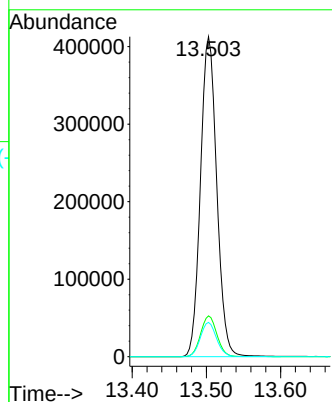
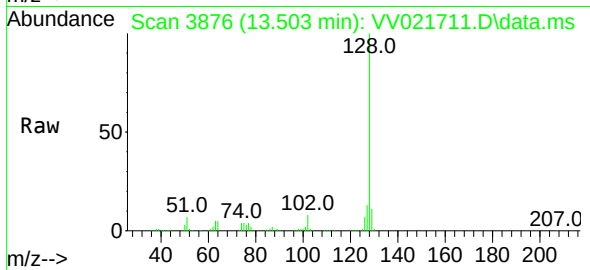




#71
Naphthalene
Concen: 48.303 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD050234

Tgt Ion:128 Resp: 628358
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.7 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 48.150 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV021711.D
Acq: 02 Aug 2021 10:20

Tgt Ion:180 Resp: 207186
Ion Ratio Lower Upper
180 100
182 96.0 76.8 115.2
145 31.9 25.5 38.3

