

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082721\
 Data File : VW021965.D
 Acq On : 27 Aug 2021 10:19
 Operator : SY/MD
 Sample : VSTD05047
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 28 02:06:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 28 02:05:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	393607	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	376896	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	205643	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	140373	46.011	ug/L	0.00
7) Chloroethane-d5	1.561	69	110210	47.482	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	228062	47.094	ug/L	0.00
21) 2-Butanone-d5	3.876	46	208268	104.264	ug/L	0.00
24) Chloroform-d	4.352	84	261169	48.956	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	153367	49.675	ug/L	0.00
32) Benzene-d6	5.050	84	530531	48.820	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	164419	48.672	ug/L	0.00
41) Toluene-d8	7.317	98	501432	49.794	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	79721	48.155	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	141736	121.537	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	222784	52.615	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	206633	48.328	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	132802	45.538	ug/L	100
3) Chloromethane	1.240	50	140930	46.319	ug/L	100
5) Vinyl chloride	1.310	62	142430	47.326	ug/L	100
6) Bromomethane	1.513	94	90004	50.073	ug/L	100
8) Chloroethane	1.580	64	88778	49.038	ug/L	100
9) Trichlorofluoromethane	1.751	101	199980	48.332	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	118297	49.687	ug/L	100
12) 1,1-Dichloroethene	2.114	96	111432	49.189	ug/L	100
13) Acetone	2.159	43	157329	102.880	ug/L #	74
14) Carbon disulfide	2.291	76	337622	45.583	ug/L	100
15) Methyl Acetate	2.426	43	158075	55.629	ug/L	100
16) Methylene chloride	2.506	84	147737	46.782	ug/L	100
17) trans-1,2-Dichloroethene	2.760	96	137027	51.573	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	438374	53.311	ug/L	100
19) 1,1-Dichloroethane	3.188	63	242830	51.424	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	152779	49.566	ug/L	100
22) 2-Butanone	3.957	43	230277	104.852	ug/L	100
23) Bromochloromethane	4.249	128	81464	49.748	ug/L	100
25) Chloroform	4.378	83	255348	49.959	ug/L	100
27) 1,2-Dichloroethane	5.130	62	176247	49.167	ug/L	100
29) Cyclohexane	4.677	56	206113	46.310	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	223062	48.797	ug/L	100
31) Carbon tetrachloride	4.828	117	193003	48.846	ug/L	100
33) Benzene	5.101	78	547770	48.748	ug/L	100
34) Trichloroethene	5.915	95	152875	47.238	ug/L	100
35) Methylcyclohexane	6.133	83	219063	46.804	ug/L	100
37) 1,2-Dichloropropane	6.175	63	140732	49.198	ug/L	100
38) Bromodichloromethane	6.513	83	183766	48.908	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	227063	49.982	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	408510	103.193	ug/L	100
42) Toluene	7.391	91	593045	49.310	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	212274	49.922	ug/L	100

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

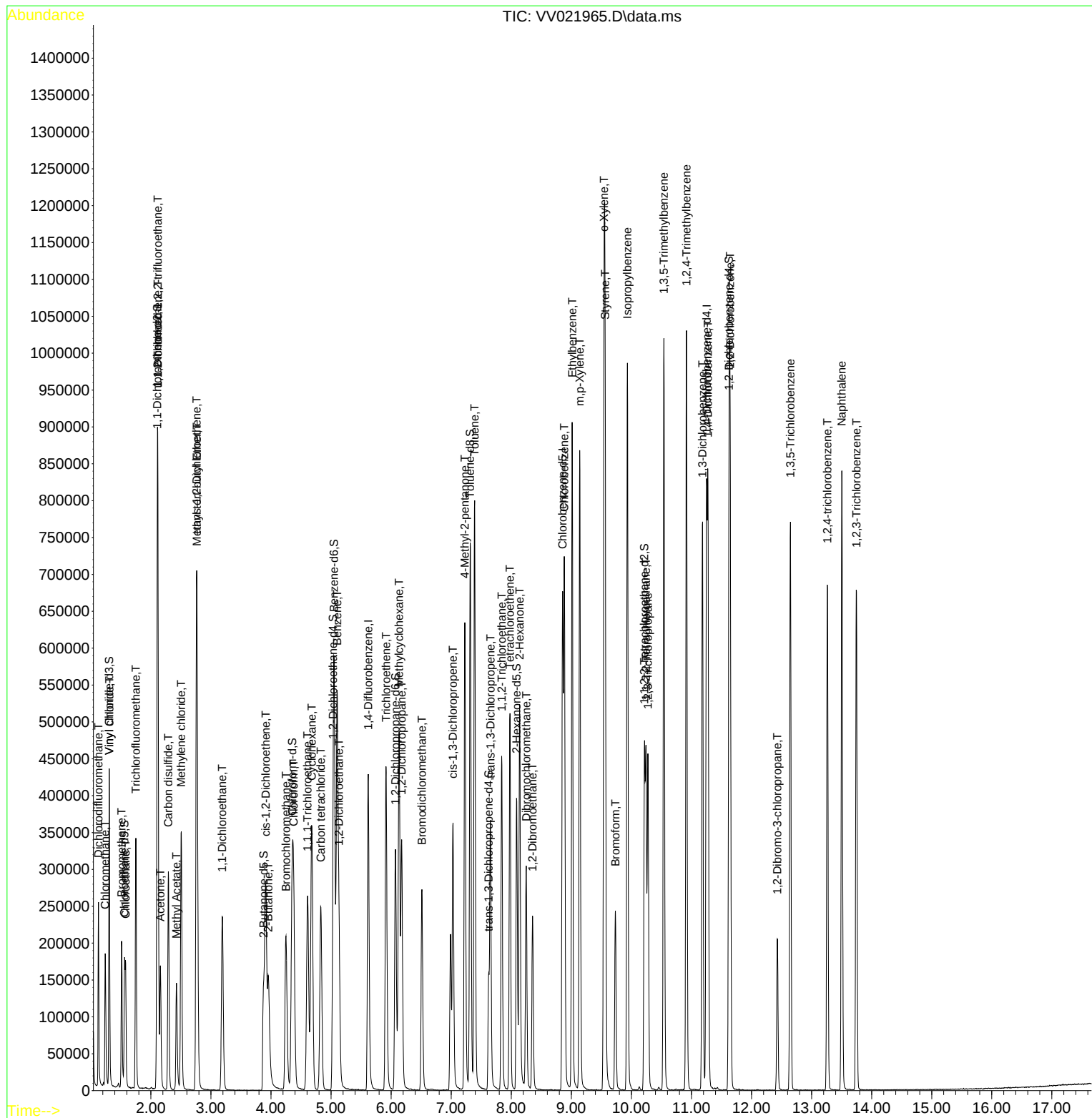
45) 1,1,2-Trichloroethane	7.841	97	144817	50.443	ug/L	100
46) Tetrachloroethene	7.979	164	118079	49.031	ug/L	100
48) 2-Hexanone	8.140	43	319361	104.381	ug/L	100
49) Dibromochloromethane	8.249	129	157577	50.126	ug/L	100
50) 1,2-Dibromoethane	8.355	107	158006	50.486	ug/L	100
51) Chlorobenzene	8.882	112	397346	50.306	ug/L	100
52) Ethylbenzene	9.014	91	641554	49.898	ug/L	100
53) m,p-Xylene	9.140	106	251139	50.259	ug/L	100
54) o-Xylene	9.545	106	247024	50.072	ug/L	100
55) Styrene	9.564	104	431485	51.981	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	219508	54.399	ug/L	100
59) Bromoform	9.734	173	112892	48.335	ug/L	100
60) Isopropylbenzene	9.934	105	651945	48.766	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	182210	49.156	ug/L	100
62) 1,3,5-Trimethylbenzene	10.541	105	551241	49.155	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	561617	49.317	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	323632	49.694	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	329179	50.375	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	323535	49.330	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	47389	52.606	ug/L	100
69) 1,3,5-Trichlorobenzene	12.648	180	242990	51.200	ug/L	100
70) 1,2,4-trichlorobenzene	13.265	180	216193	53.931	ug/L	100
71) Naphthalene	13.503	128	659181	56.573	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	214384	53.345	ug/L	100

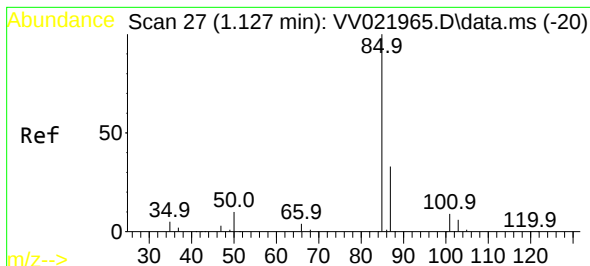
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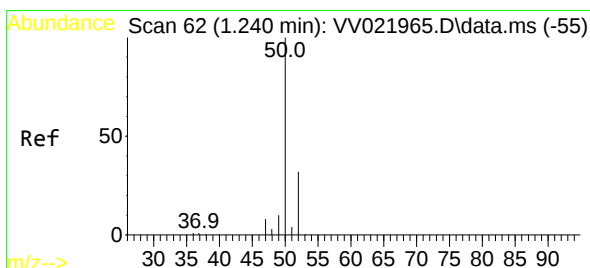
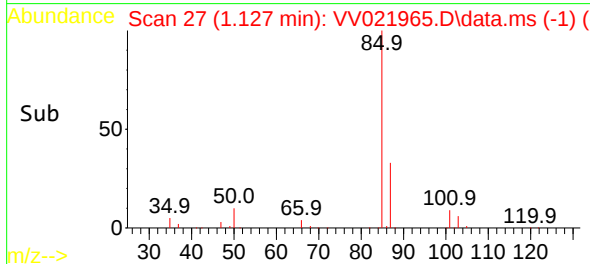
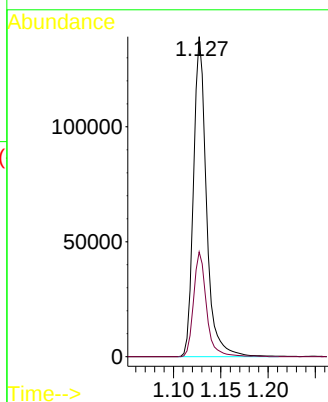
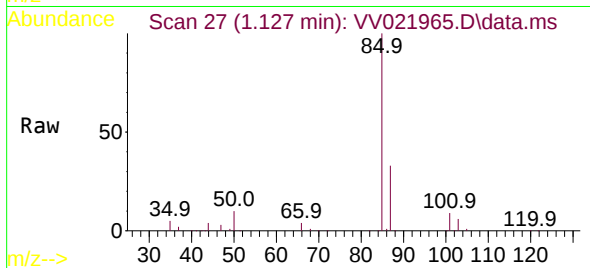




#2
Dichlorodifluoromethane
Concen: 45.538 ug/L
RT: 1.127 min Scan# 27
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

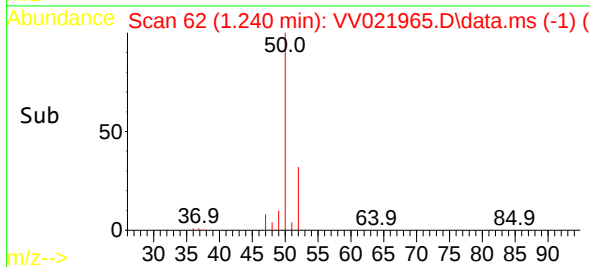
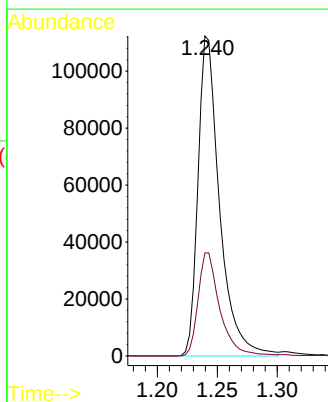
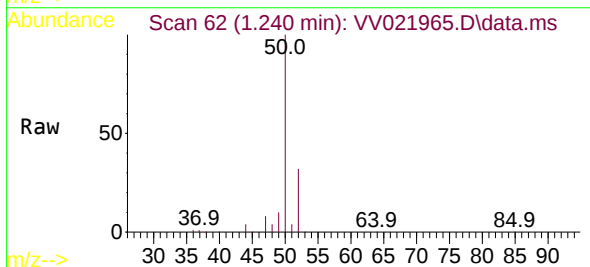
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MSVOA_V
ClientSampleId :

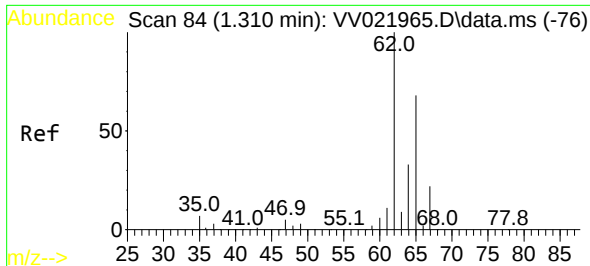
Tgt Ion: 85 Resp: 132802
Ion Ratio Lower Upper
85 100
87 32.5 26.0 39.0



#3
Chloromethane
Concen: 46.319 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

Tgt Ion: 50 Resp: 140930
Ion Ratio Lower Upper
50 100
52 32.2 22.5 41.9

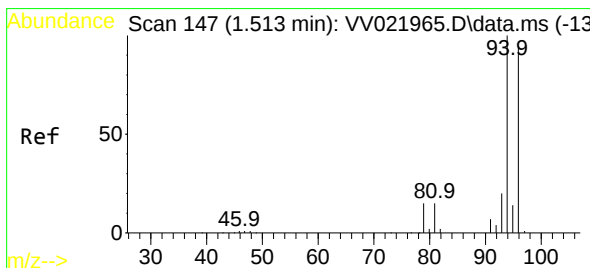
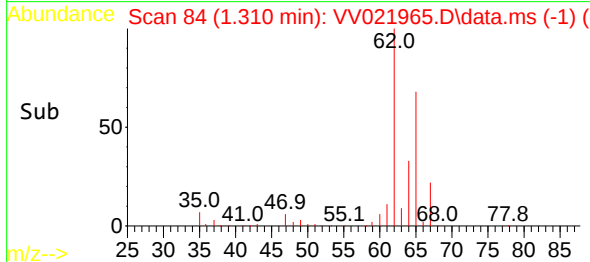
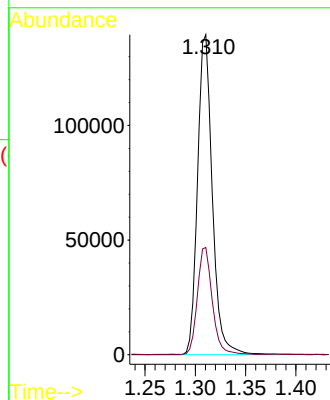
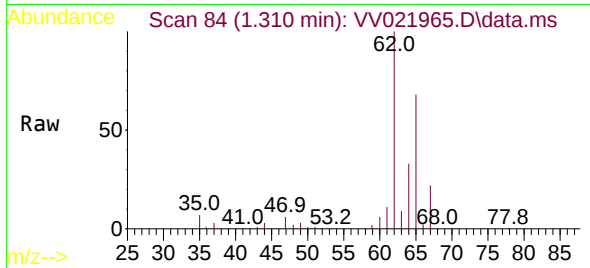




#5
 Vinyl chloride
 Concen: 47.326 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV021965.D
 Acq: 27 Aug 2021 10:19

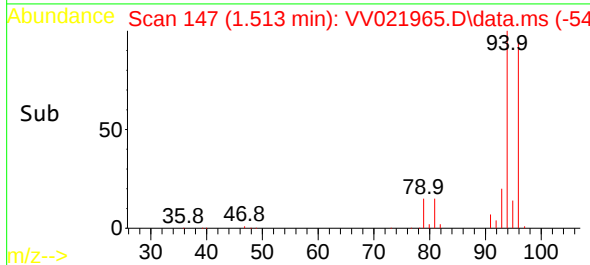
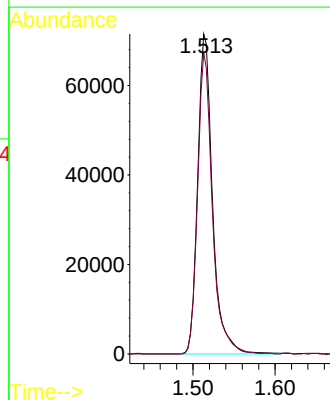
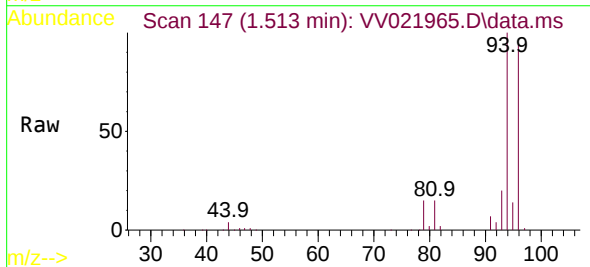
Instrument :
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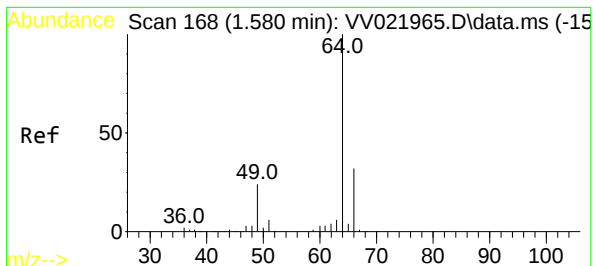
Tgt Ion: 62 Resp: 142430
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.4 43.6



#6
 Bromomethane
 Concen: 50.073 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VV021965.D
 Acq: 27 Aug 2021 10:19

Tgt Ion: 94 Resp: 90004
 Ion Ratio Lower Upper
 94 100
 96 94.0 65.8 122.2

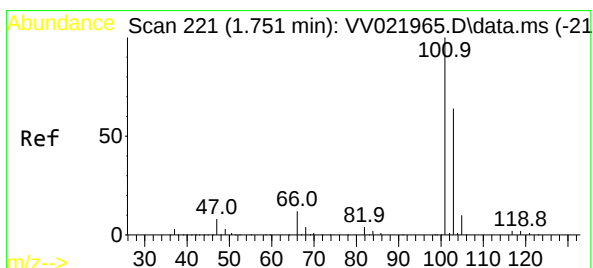
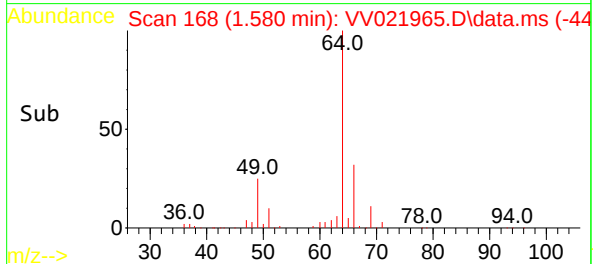
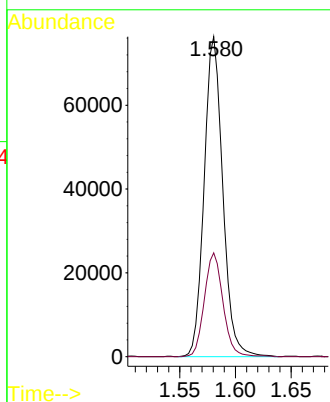
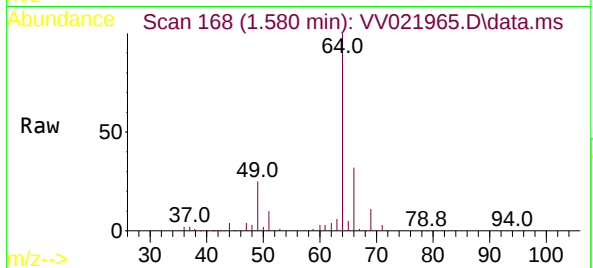




#8
Chloroethane
Concen: 49.038 ug/L
RT: 1.580 min Scan# 168
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

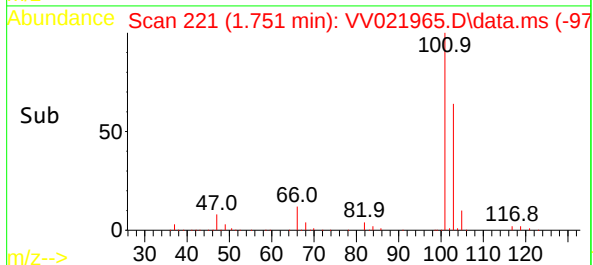
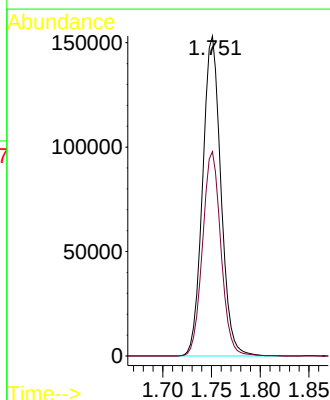
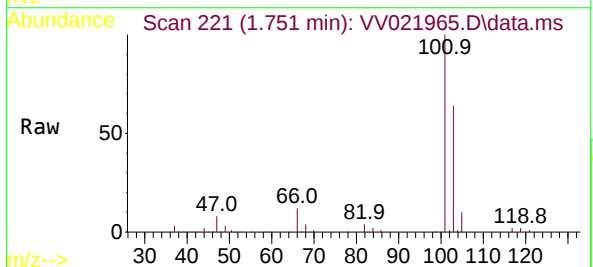
Instrument :
MSVOA_V
ClientSampled :

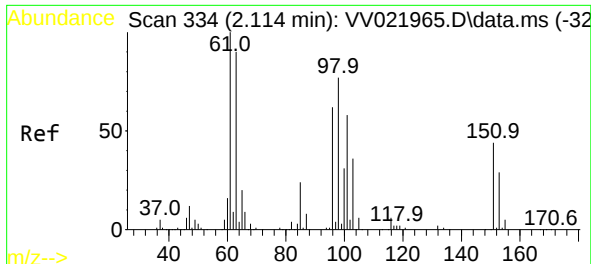
Tgt Ion: 64 Resp: 88778
Ion Ratio Lower Upper
64 100
66 32.5 22.7 42.3



#9
Trichlorofluoromethane
Concen: 48.332 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

Tgt Ion:101 Resp: 199980
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0

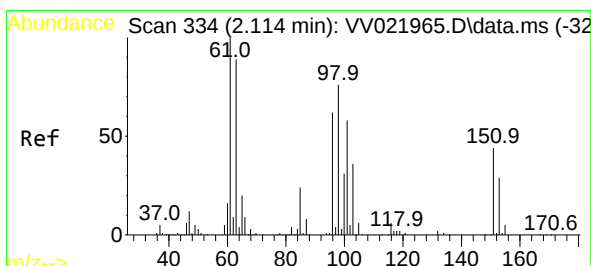
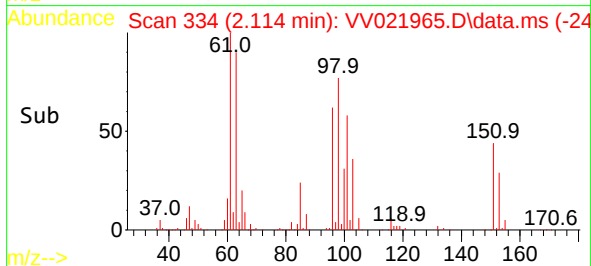
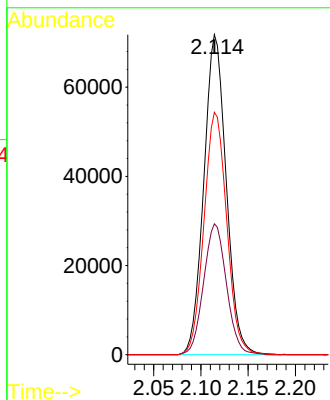
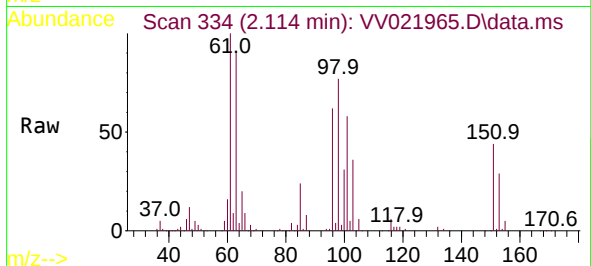




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.687 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

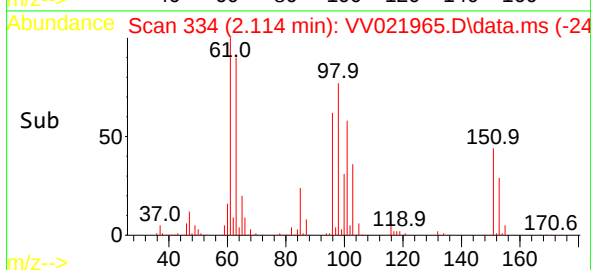
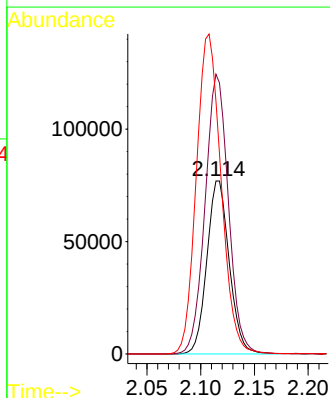
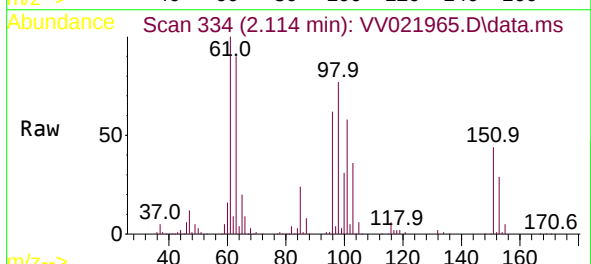
Instrument :
MSVOA_V
ClientSampleId :

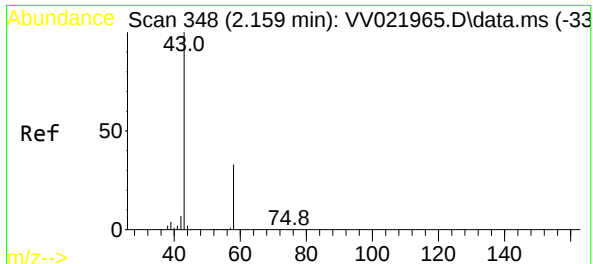
Tgt Ion:101 Resp: 118297
Ion Ratio Lower Upper
101 100
85 41.7 33.4 50.0
151 77.1 61.7 92.5



#12
1,1-Dichloroethene
Concen: 49.189 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

Tgt Ion: 96 Resp: 111432
Ion Ratio Lower Upper
96 100
61 161.7 113.2 210.2
63 146.1 102.3 189.9

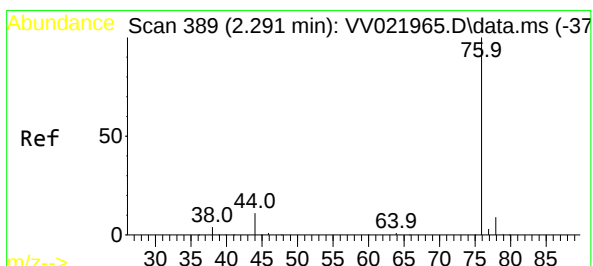
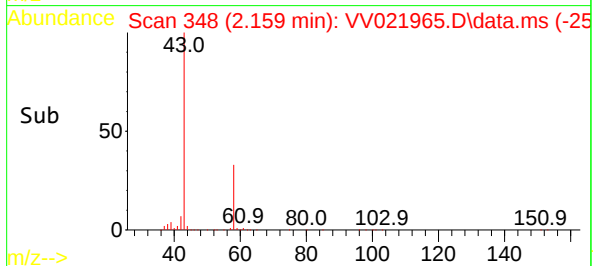
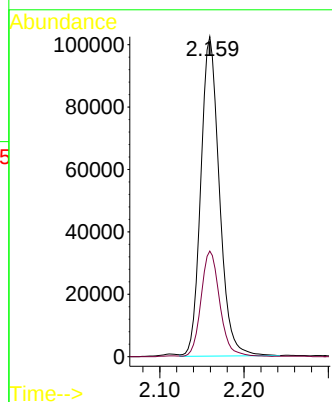
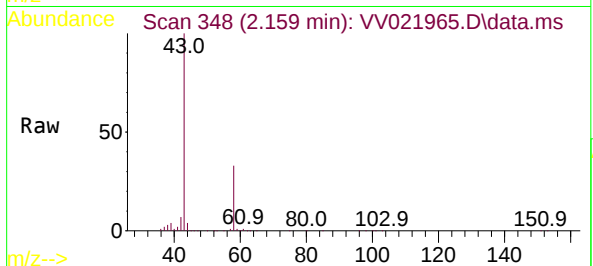




#13
Acetone
Concen: 102.880 ug/L
RT: 2.159 min Scan# 348
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

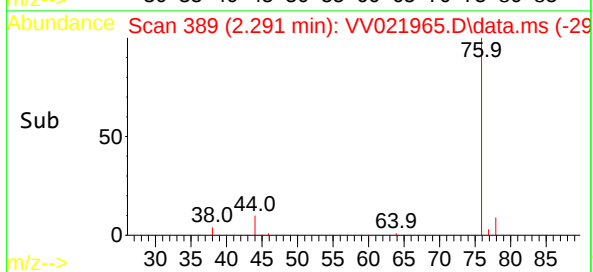
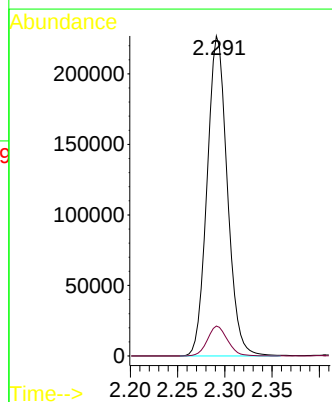
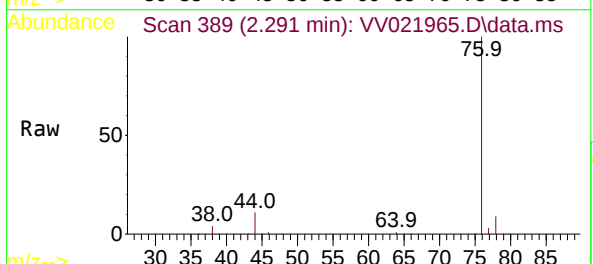
Instrument :
MSVOA_V
ClientSampled :

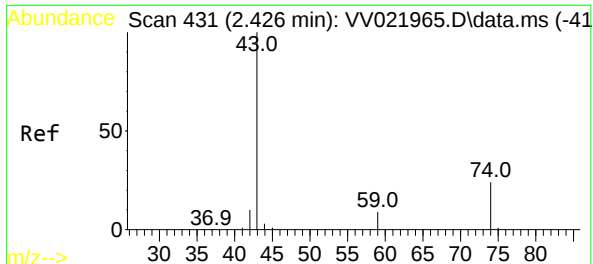
Tgt Ion: 43 Resp: 157329
Ion Ratio Lower Upper
43 100
58 33.1 0.0 0.4#



#14
Carbon disulfide
Concen: 45.583 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

Tgt Ion: 76 Resp: 337622
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

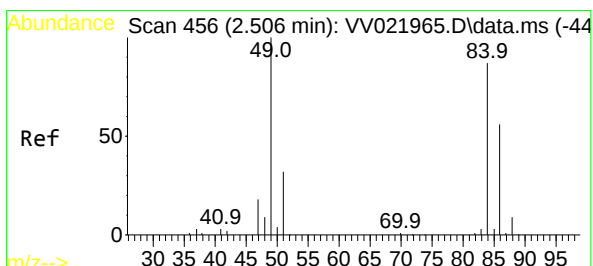
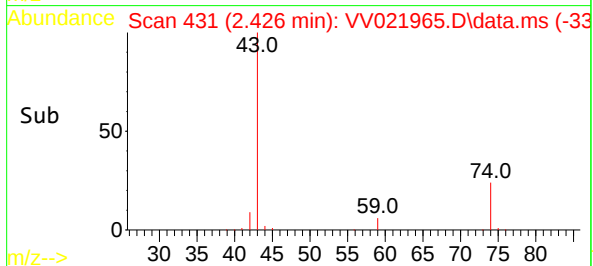
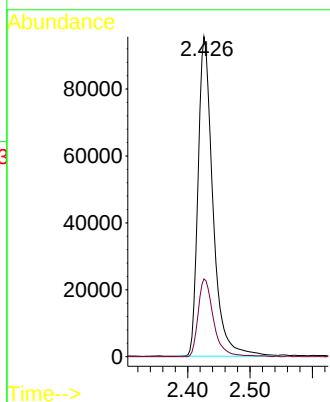
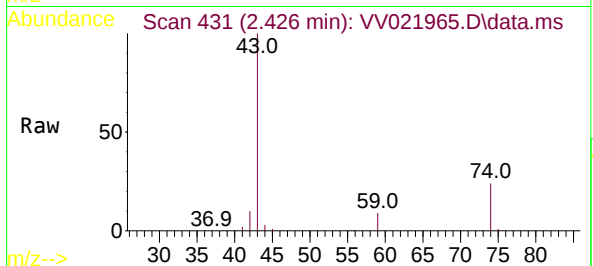




#15
Methyl Acetate
Concen: 55.629 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

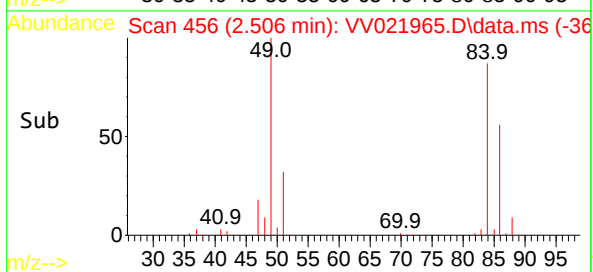
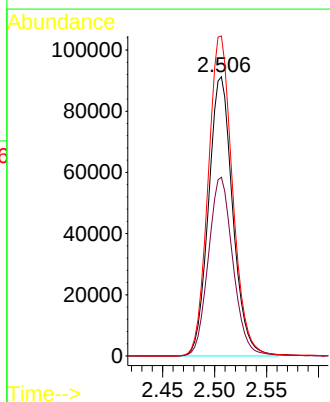
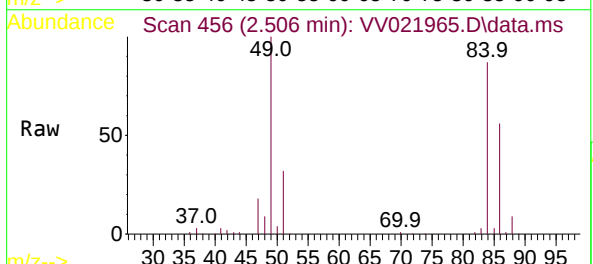
Instrument :
MSVOA_V
ClientSampled :

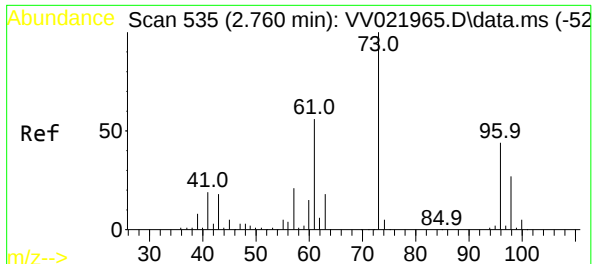
Tgt Ion: 43 Resp: 158075
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.2



#16
Methylene chloride
Concen: 46.782 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

Tgt Ion: 84 Resp: 147737
Ion Ratio Lower Upper
84 100
86 64.0 44.8 83.2
49 114.6 80.2 149.0

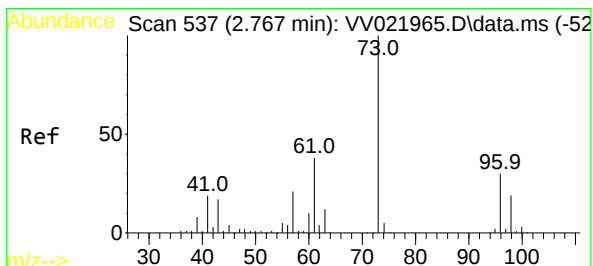
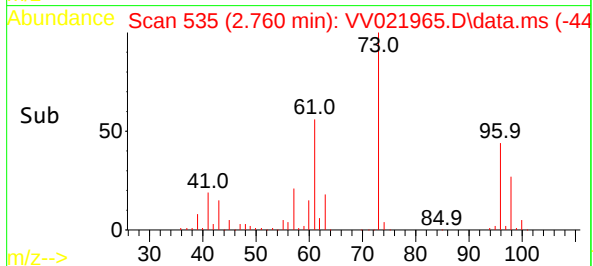
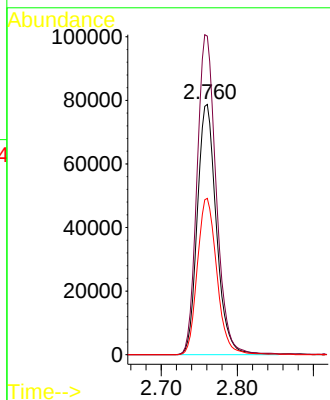
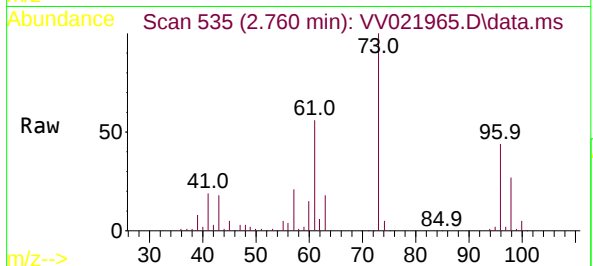




#17
trans-1,2-Dichloroethene
Concen: 51.573 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

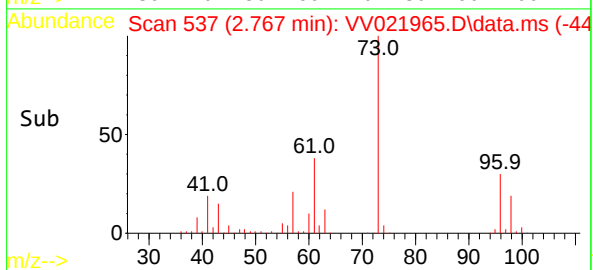
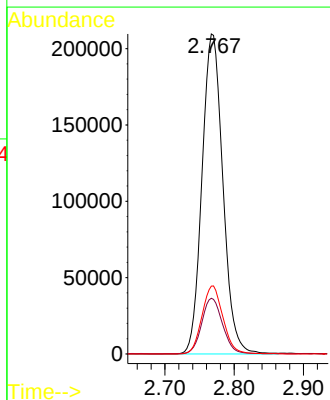
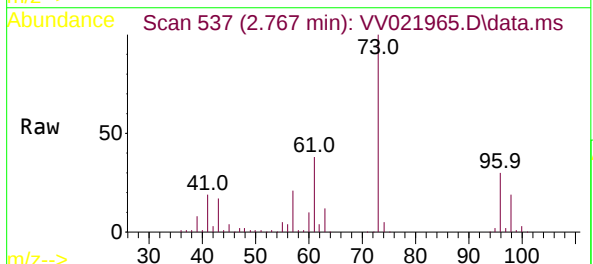
Instrument :
MSVOA_V
ClientSampleId :

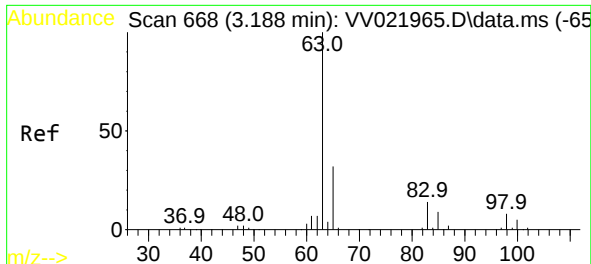
Tgt Ion: 96 Resp: 137027
Ion Ratio Lower Upper
96 100
61 127.3 89.1 165.5
98 62.5 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 53.311 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

Tgt Ion: 73 Resp: 438374
Ion Ratio Lower Upper
73 100
43 17.2 13.8 20.6
57 21.4 17.1 25.7





#19

1,1-Dichloroethane

Concen: 51.424 ug/L

RT: 3.188 min Scan# 668

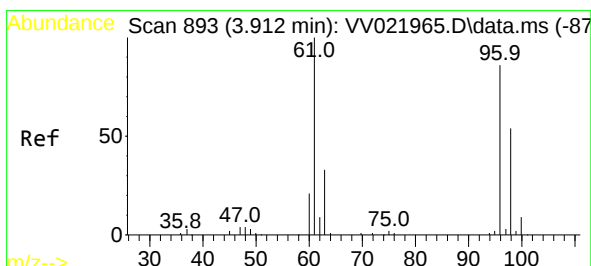
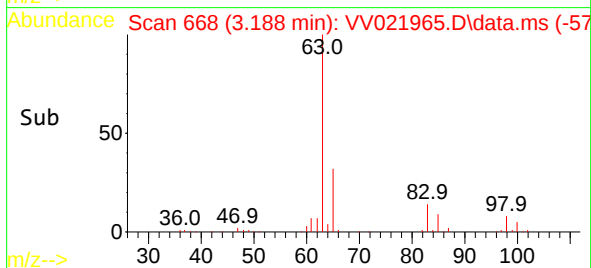
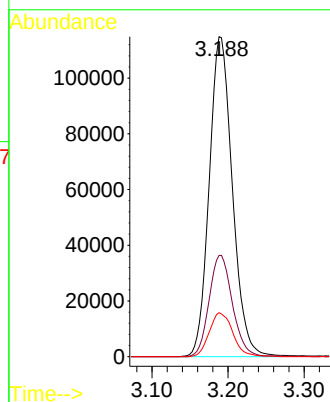
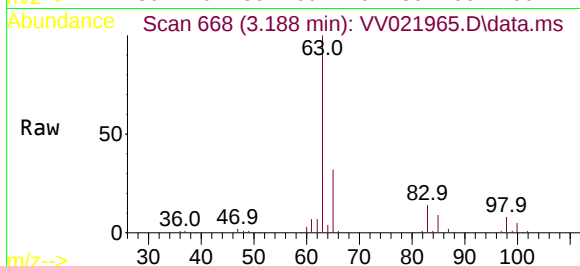
Delta R.T. 0.000 min

Lab File: VV021965.D

Acq: 27 Aug 2021 10:19

Tgt Ion: 63 Resp: 242830

Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.2	41.2
83	13.8	9.7	17.9



#20

cis-1,2-Dichloroethene

Concen: 49.566 ug/L

RT: 3.912 min Scan# 893

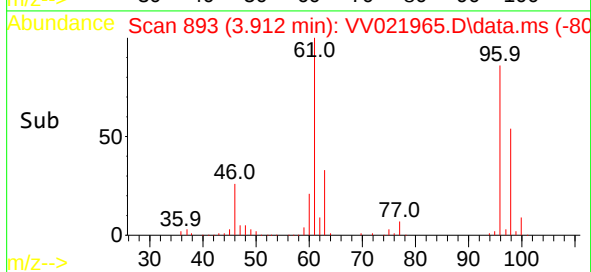
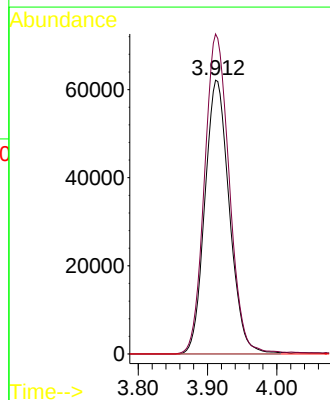
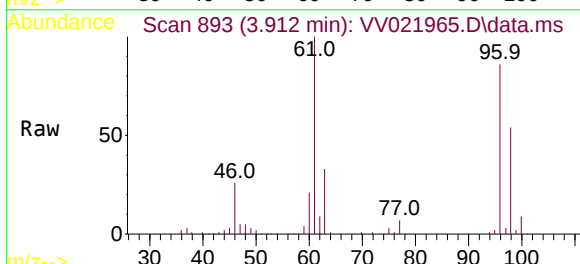
Delta R.T. 0.000 min

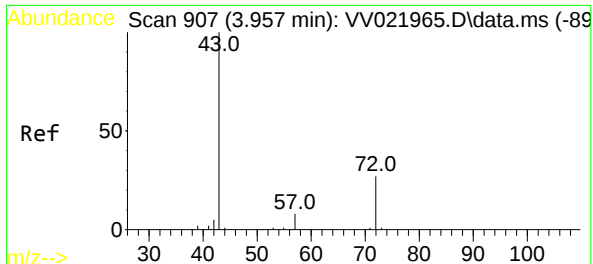
Lab File: VV021965.D

Acq: 27 Aug 2021 10:19

Tgt Ion: 96 Resp: 152779

Ion	Ratio	Lower	Upper
96	100		
61	116.9	81.8	152.0
68	0.0	0.0	0.0

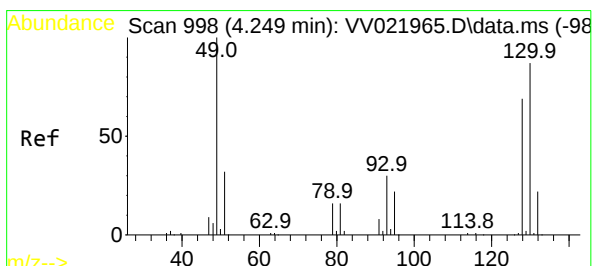
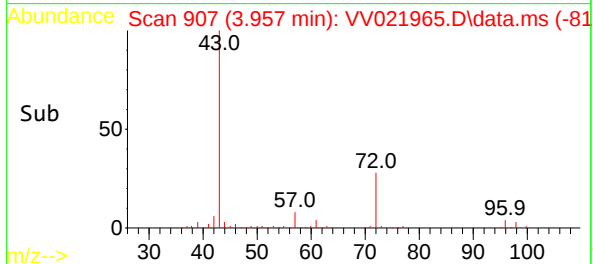
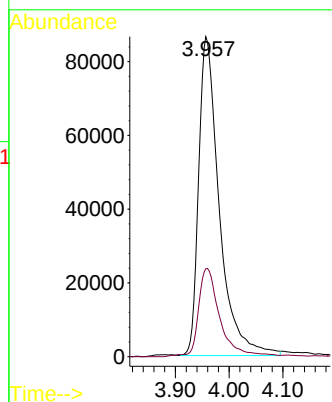
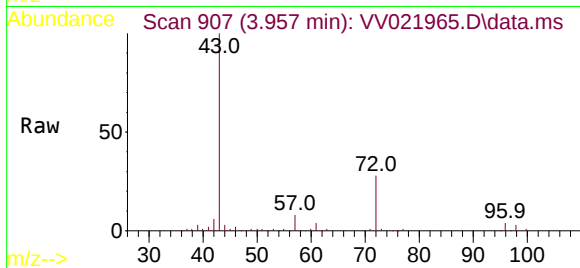




#22
2-Butanone
Concen: 104.852 ug/L
RT: 3.957 min Scan# 907
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

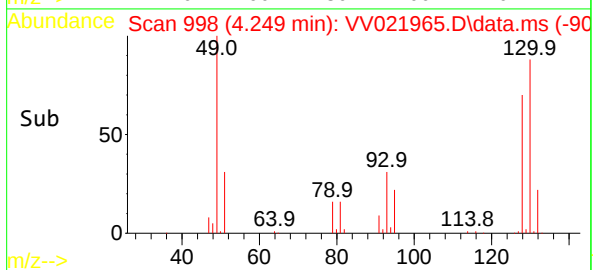
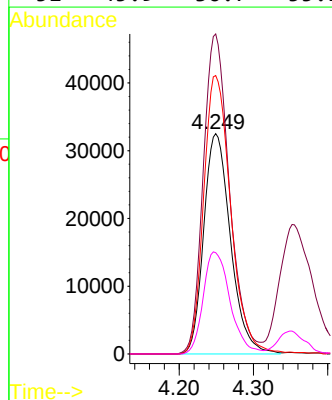
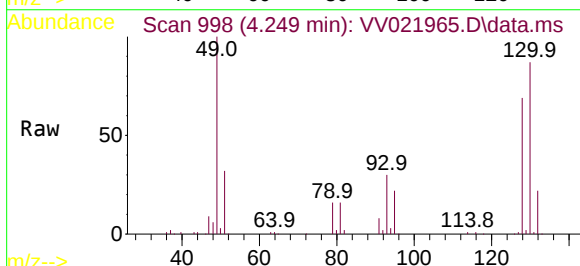
Instrument :
MSVOA_V
ClientSampled :

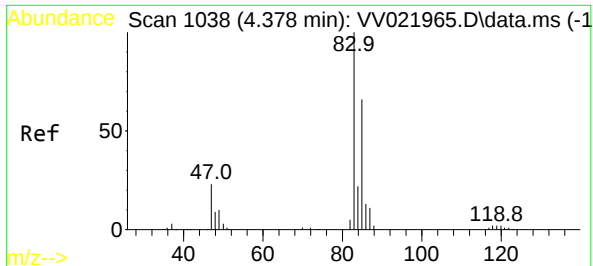
Tgt Ion: 43 Resp: 230277
Ion Ratio Lower Upper
43 100
72 26.5 13.3 39.8



#23
Bromochloromethane
Concen: 49.748 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

Tgt Ion: 128 Resp: 81464
Ion Ratio Lower Upper
128 100
49 145.2 101.6 188.8
130 126.4 88.5 164.3
51 45.9 36.7 55.1





#25

Chloroform

Concen: 49.959 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VV021965.D

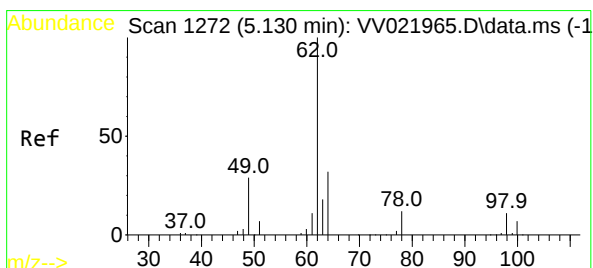
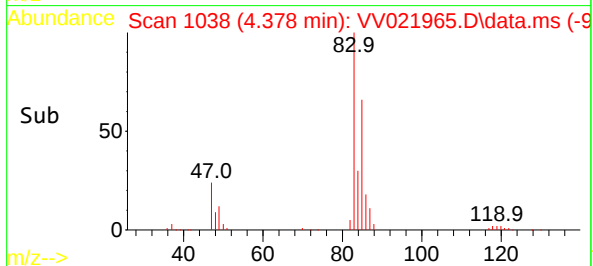
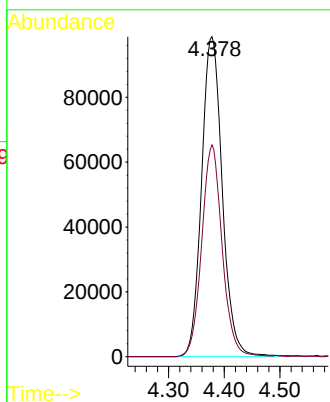
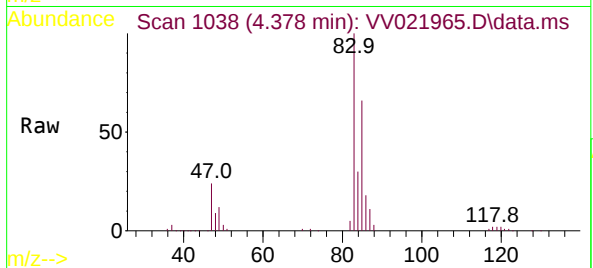
Acq: 27 Aug 2021 10:19

Tgt Ion: 83 Resp: 255348

Ion Ratio Lower Upper

83 100

85 66.1 46.3 85.9



#27

1,2-Dichloroethane

Concen: 49.167 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VV021965.D

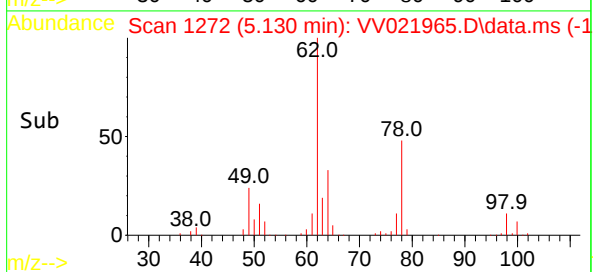
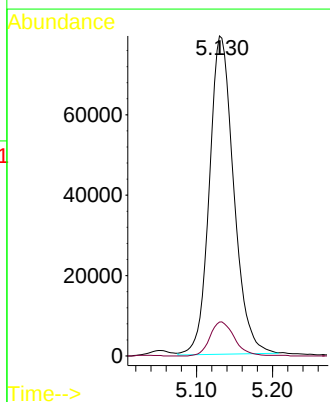
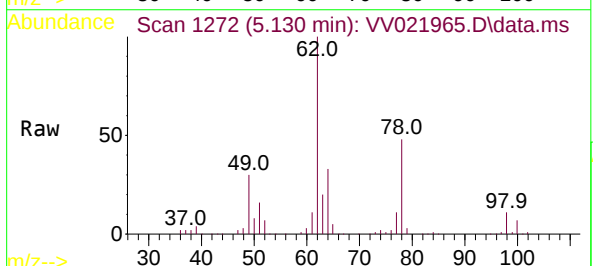
Acq: 27 Aug 2021 10:19

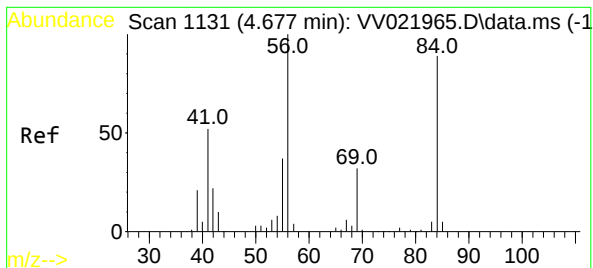
Tgt Ion: 62 Resp: 176247

Ion Ratio Lower Upper

62 100

98 10.6 8.5 12.7





#29

Cyclohexane

Concen: 46.310 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VV021965.D

Acq: 27 Aug 2021 10:19

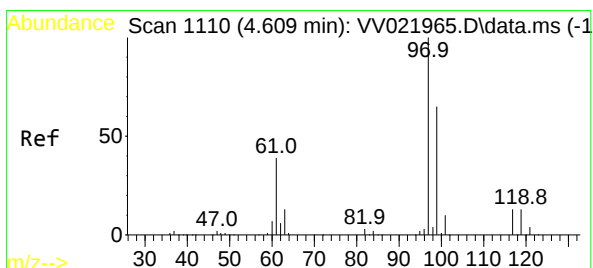
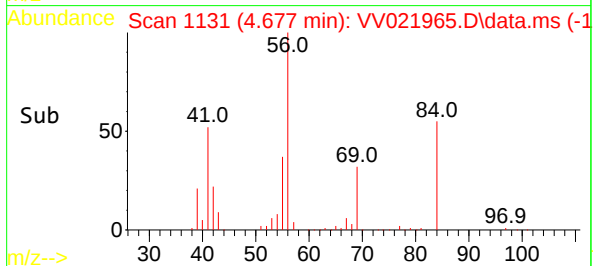
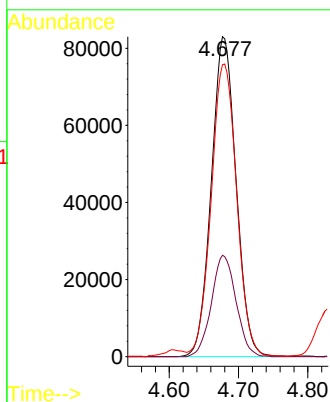
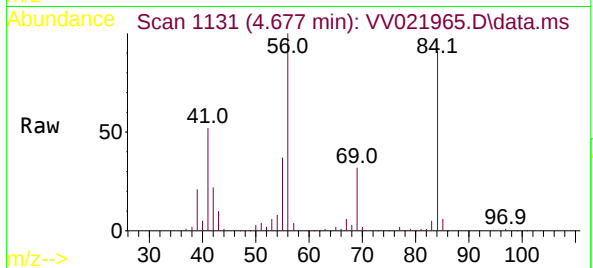
Tgt Ion: 56 Resp: 206113

Ion Ratio Lower Upper

56 100

69 31.5 25.2 37.8

84 93.2 74.6 111.8



#30

1,1,1-Trichloroethane

Concen: 48.797 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV021965.D

Acq: 27 Aug 2021 10:19

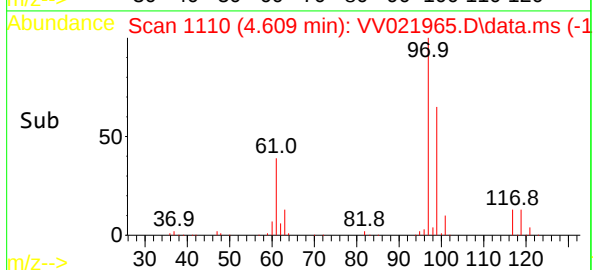
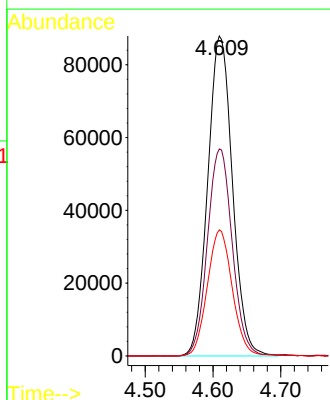
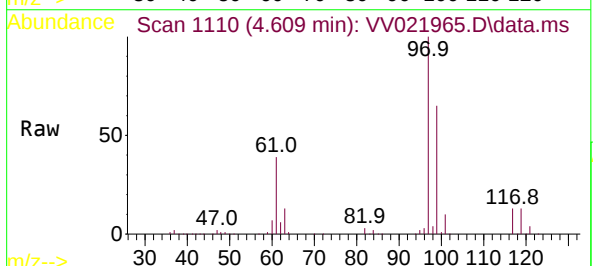
Tgt Ion: 97 Resp: 223062

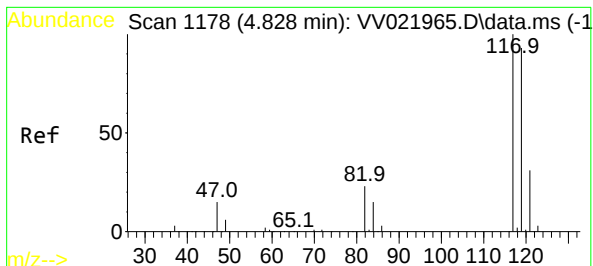
Ion Ratio Lower Upper

97 100

99 65.0 52.0 78.0

61 39.8 31.8 47.8

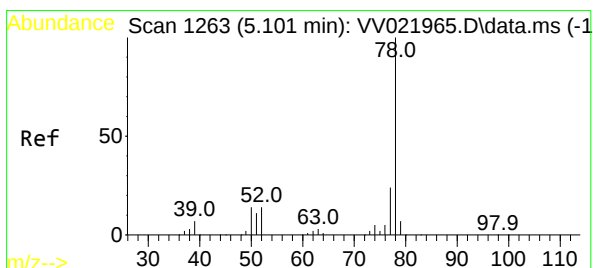
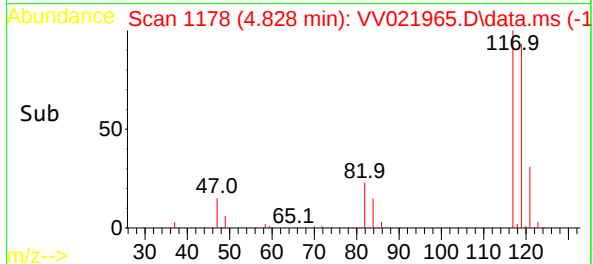
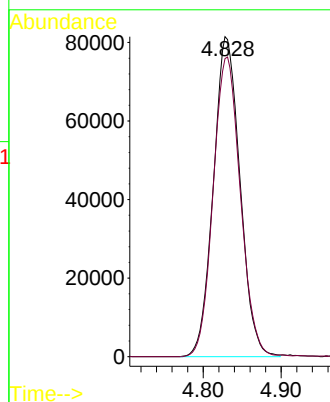
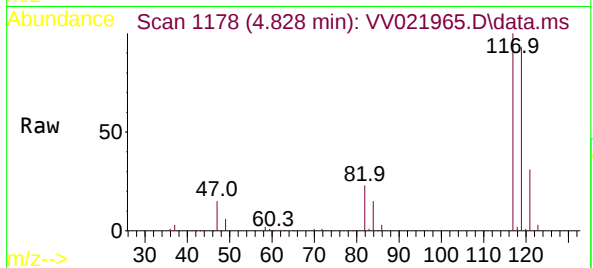




#31
Carbon tetrachloride
Concen: 48.846 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

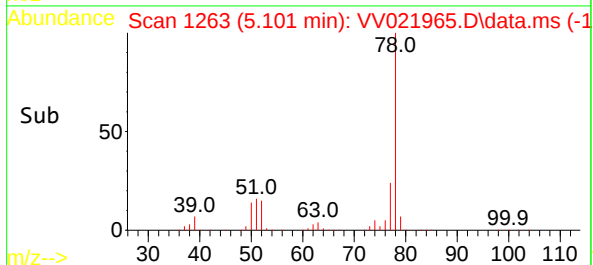
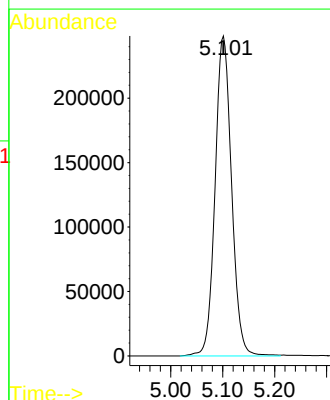
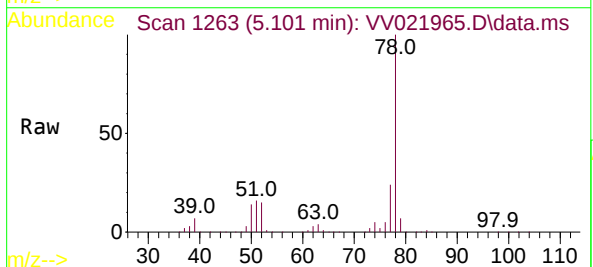
Instrument :
MSVOA_V
ClientSampled :

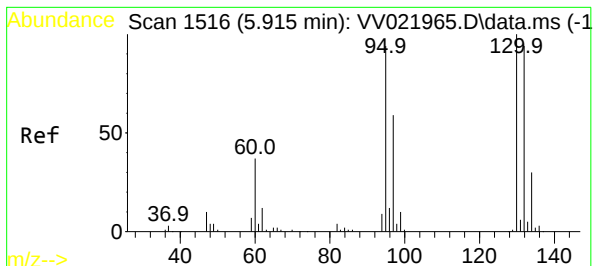
Tgt Ion:117 Resp: 193003
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8



#33
Benzene
Concen: 48.748 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

Tgt Ion: 78 Resp: 547770

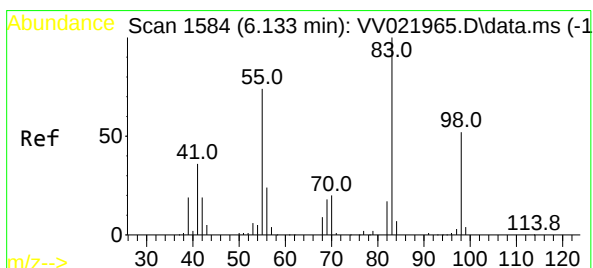
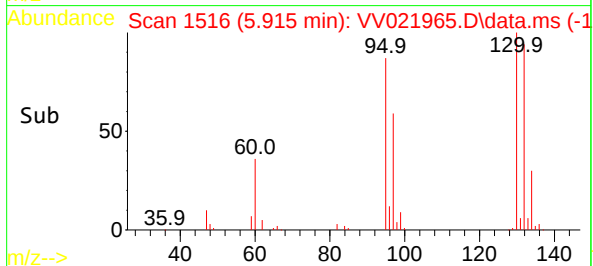
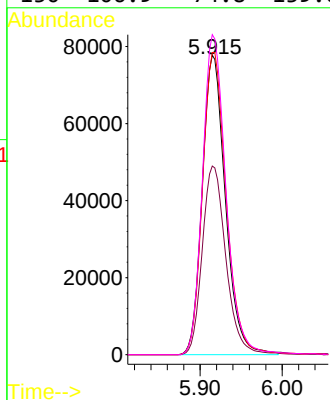
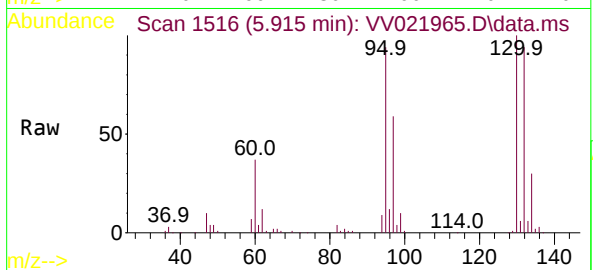




#34
Trichloroethene
Concen: 47.238 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

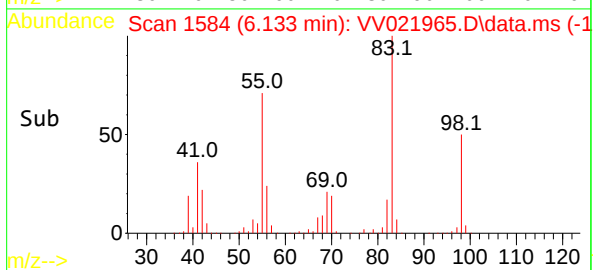
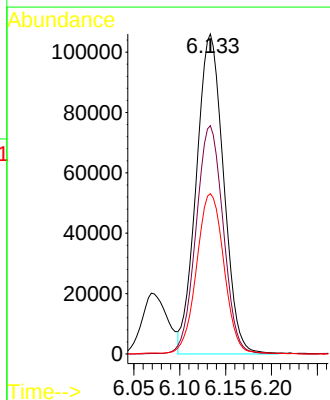
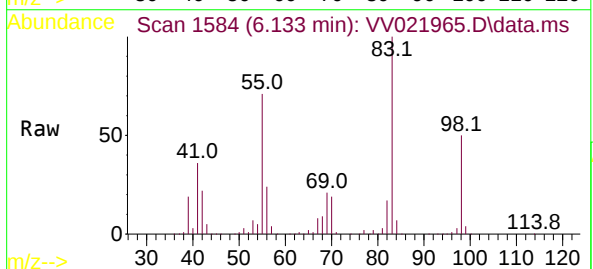
Instrument :
MSVOA_V
ClientSampled :

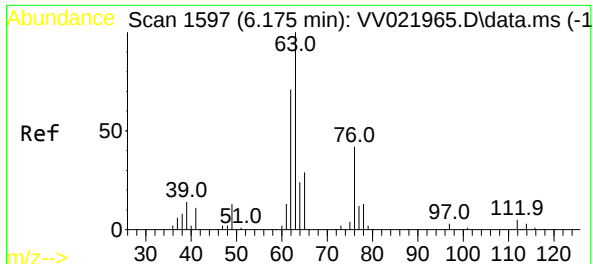
Tgt Ion: 95 Resp: 152875
Ion Ratio Lower Upper
95 100
97 63.0 44.1 81.9
132 101.0 70.7 131.3
130 106.9 74.8 139.0



#35
Methylcyclohexane
Concen: 46.804 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

Tgt Ion: 83 Resp: 219063
Ion Ratio Lower Upper
83 100
55 71.0 56.8 85.2
98 49.9 39.9 59.9

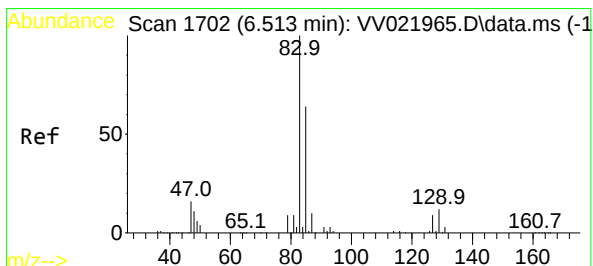
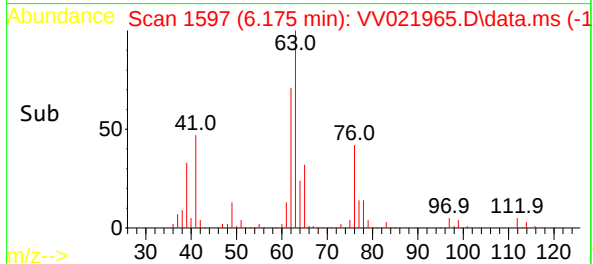
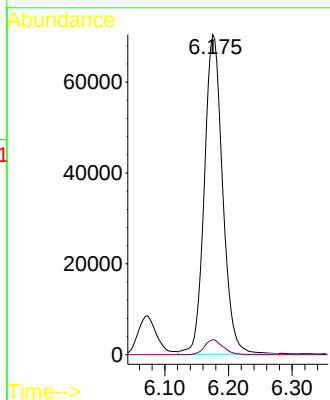
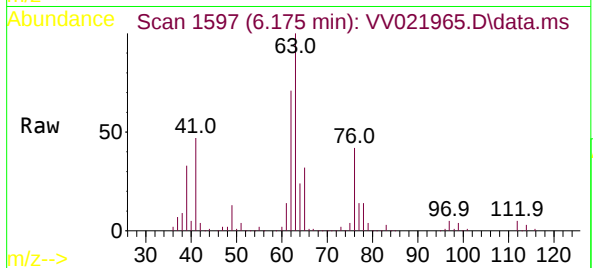




#37
1,2-Dichloropropane
Concen: 49.198 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

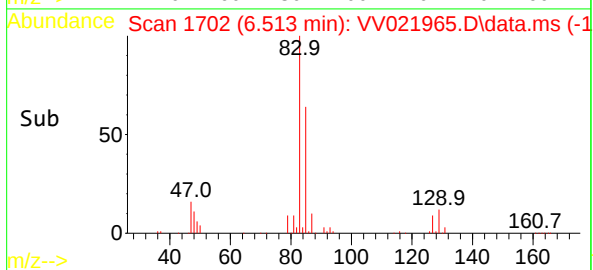
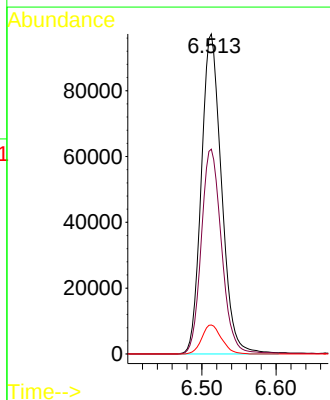
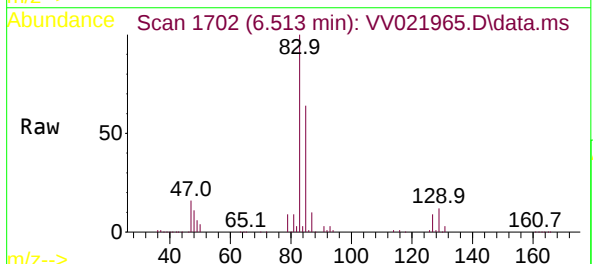
Instrument :
MSVOA_V
ClientSampleId :

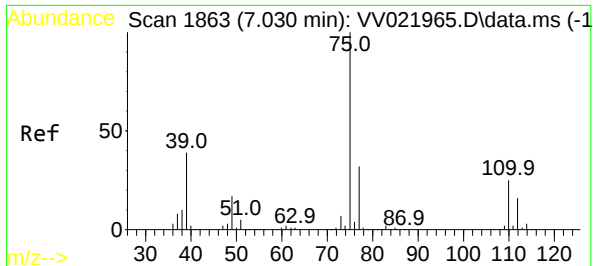
Tgt Ion: 63 Resp: 140732
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.6



#38
Bromodichloromethane
Concen: 48.908 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

Tgt Ion: 83 Resp: 183766
Ion Ratio Lower Upper
83 100
85 64.0 44.8 83.2
127 9.1 7.3 10.9



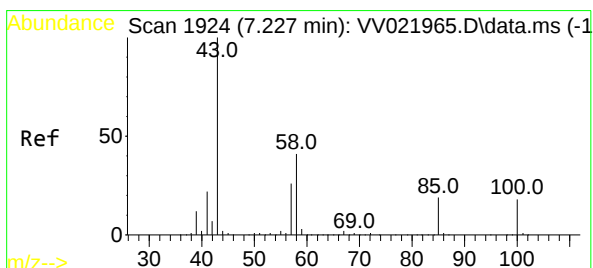
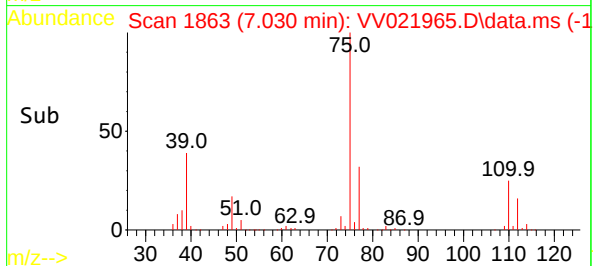
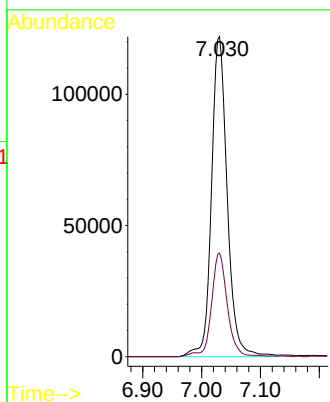
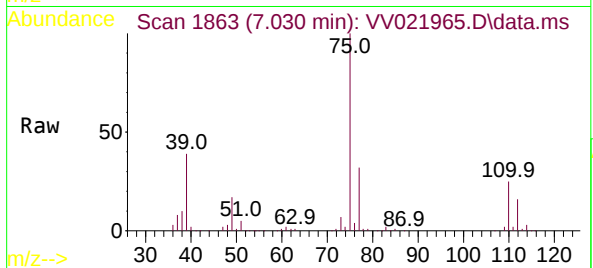


#39

cis-1,3-Dichloropropene
Concen: 49.982 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

Instrument :
MSVOA_V
ClientSampled :

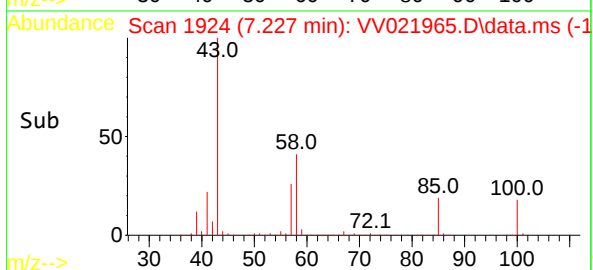
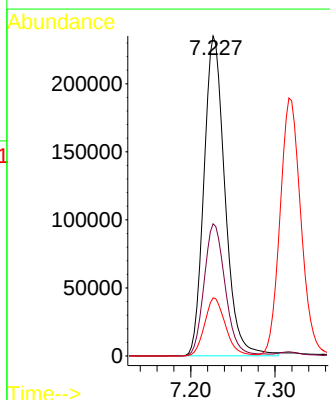
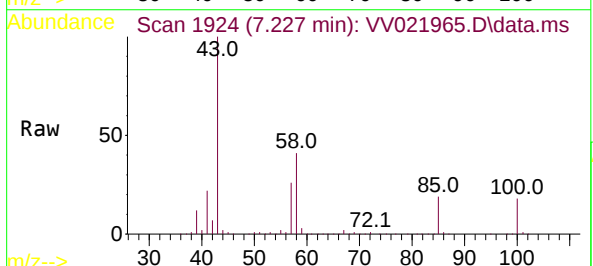
Tgt Ion: 75 Resp: 227063
Ion Ratio Lower Upper
75 100
77 32.4 22.7 42.1

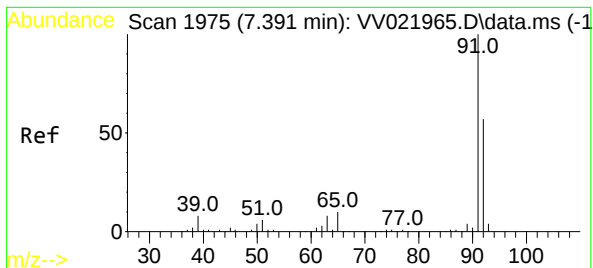


#40

4-Methyl-2-pentanone
Concen: 103.193 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

Tgt Ion: 43 Resp: 408510
Ion Ratio Lower Upper
43 100
58 41.6 33.3 49.9
100 18.1 14.5 21.7





#42

Toluene

Concen: 49.310 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.000 min

Lab File: VV021965.D

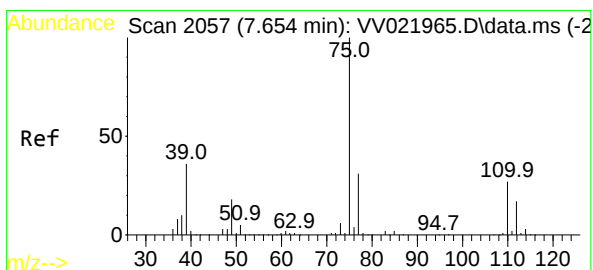
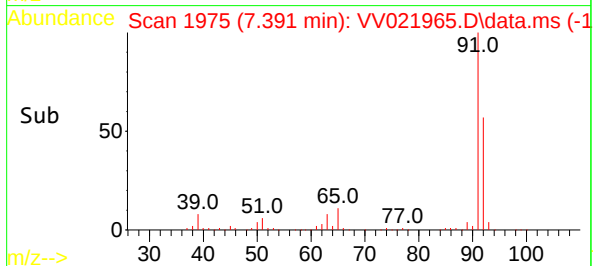
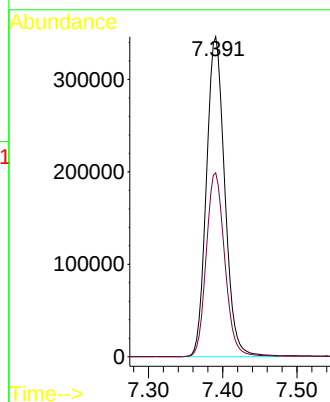
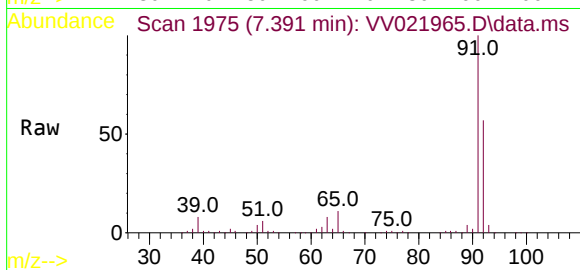
Acq: 27 Aug 2021 10:19

Tgt Ion: 91 Resp: 593045

Ion Ratio Lower Upper

91 100

92 57.5 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 49.922 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VV021965.D

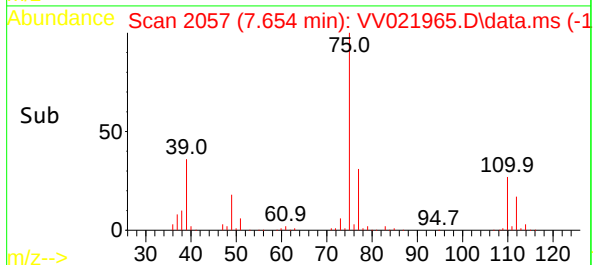
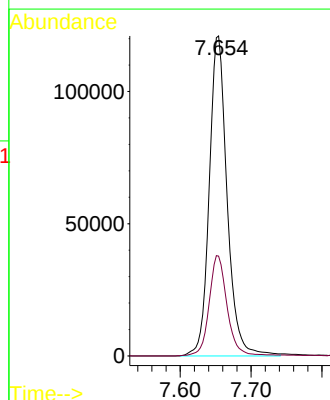
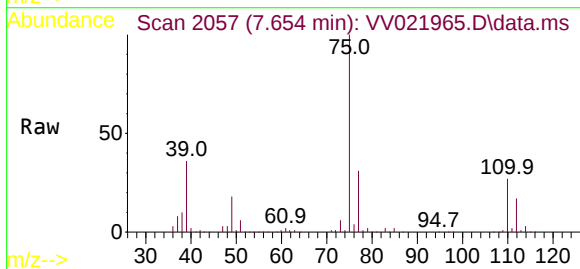
Acq: 27 Aug 2021 10:19

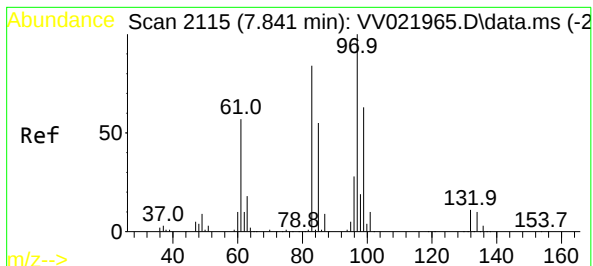
Tgt Ion: 75 Resp: 212274

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6



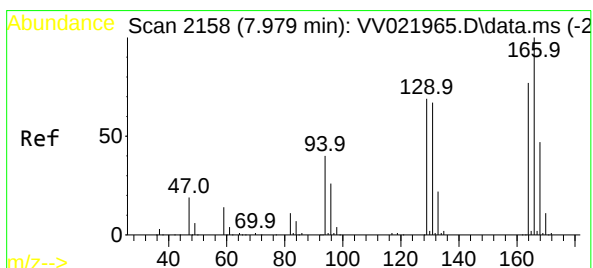
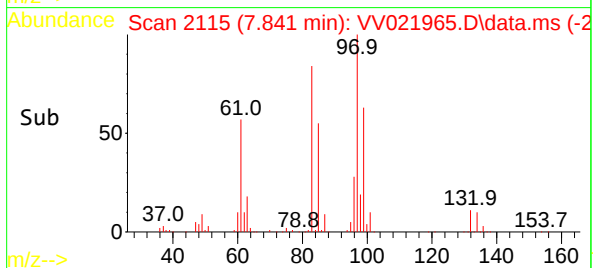
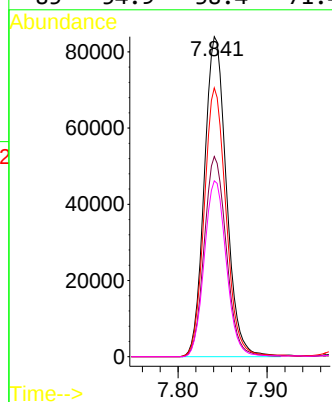
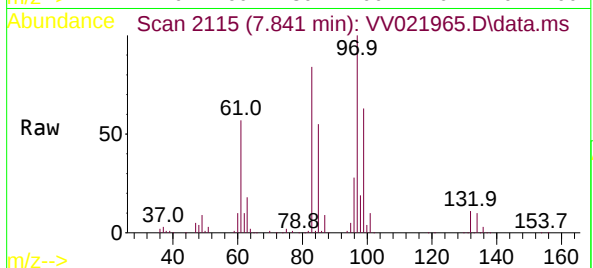


#45
1,1,2-Trichloroethane
Concen: 50.443 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 144817

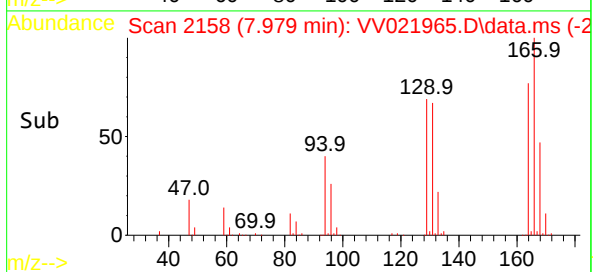
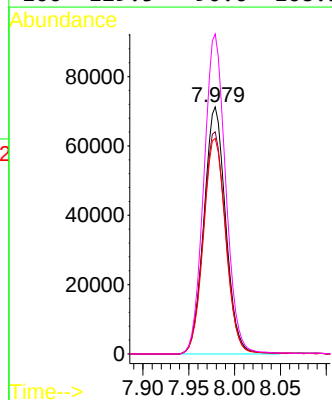
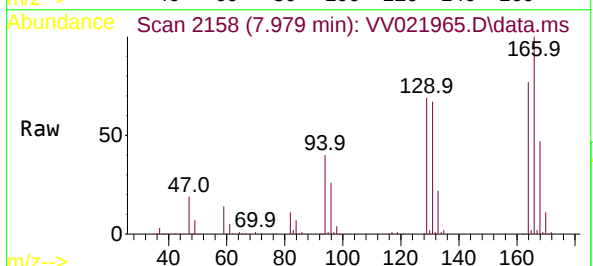
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.8	81.4
83	84.0	58.8	109.2
85	54.9	38.4	71.4

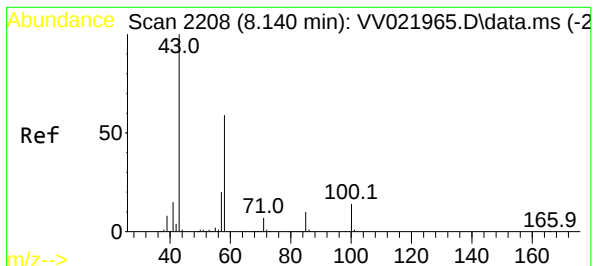


#46
Tetrachloroethene
Concen: 49.031 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

Tgt Ion: 164 Resp: 118079

Ion	Ratio	Lower	Upper
164	100		
129	89.9	62.9	116.9
131	87.2	61.0	113.4
166	129.5	90.6	168.3





#48

2-Hexanone

Concen: 104.381 ug/L

RT: 8.140 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VV021965.D

Acq: 27 Aug 2021 10:19

Tgt Ion: 43 Resp: 319361

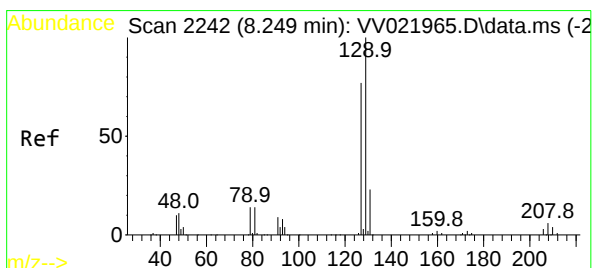
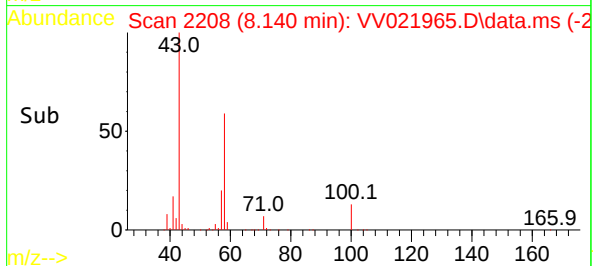
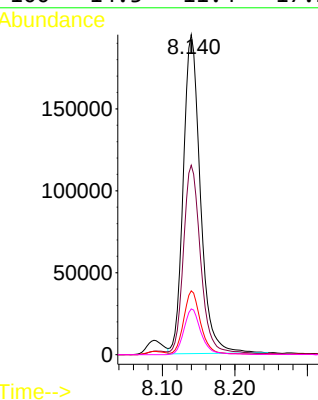
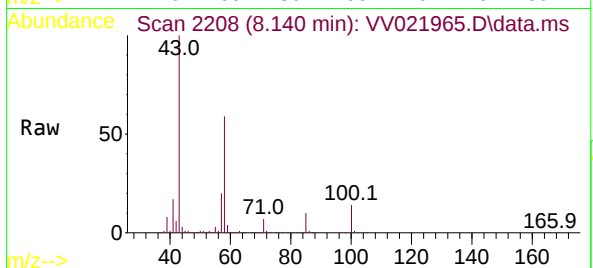
Ion Ratio Lower Upper

43 100

58 59.4 47.5 71.3

57 19.9 15.9 23.9

100 14.3 11.4 17.2



#49

Dibromochloromethane

Concen: 50.126 ug/L

RT: 8.249 min Scan# 2242

Delta R.T. 0.000 min

Lab File: VV021965.D

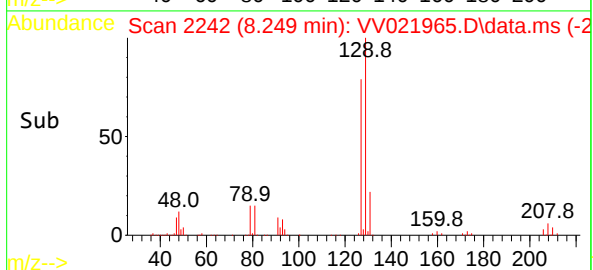
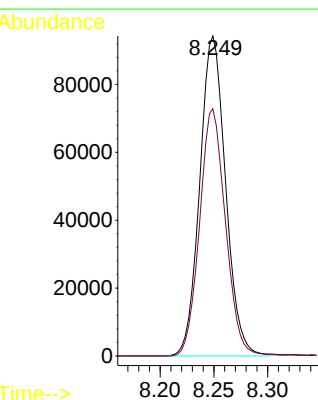
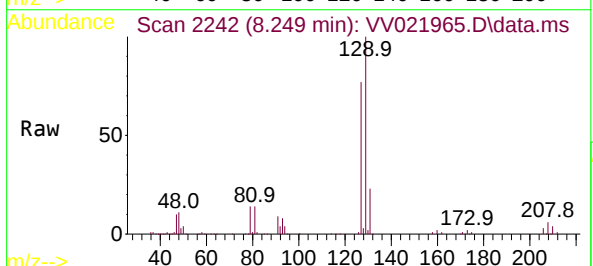
Acq: 27 Aug 2021 10:19

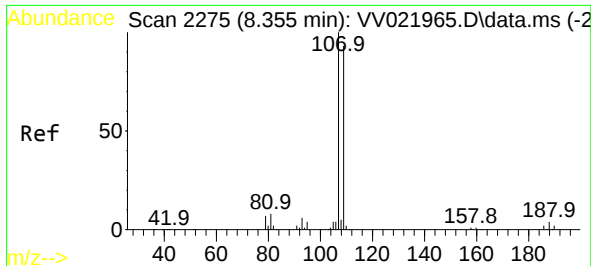
Tgt Ion: 129 Resp: 157577

Ion Ratio Lower Upper

129 100

127 77.3 54.1 100.5

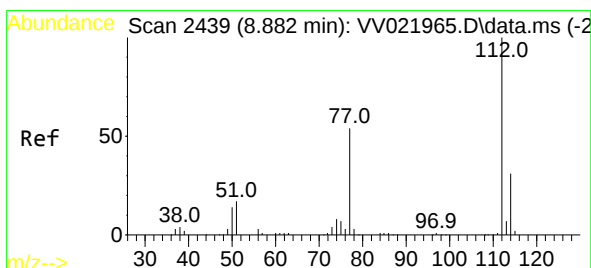
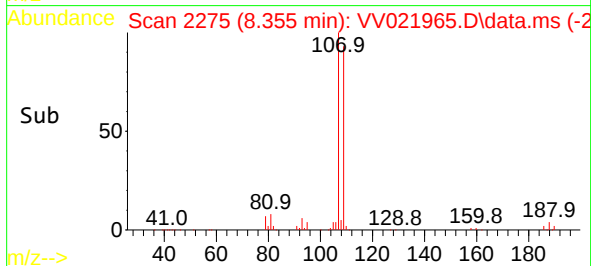
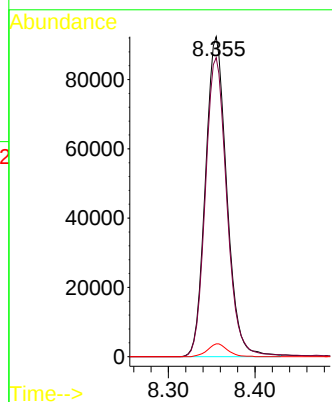
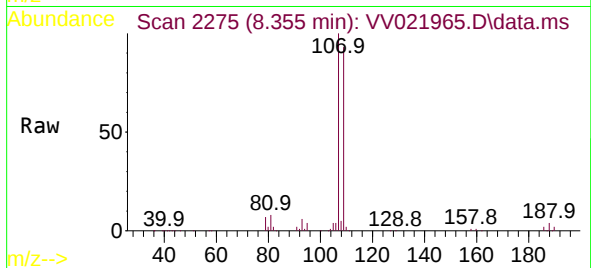




#50
1,2-Dibromoethane
Concen: 50.486 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

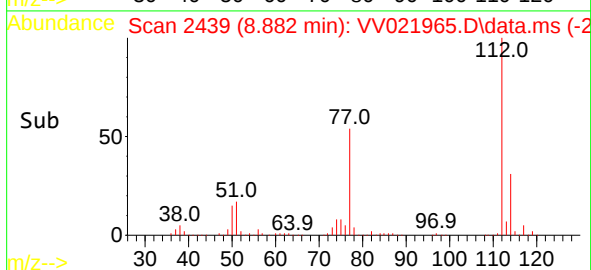
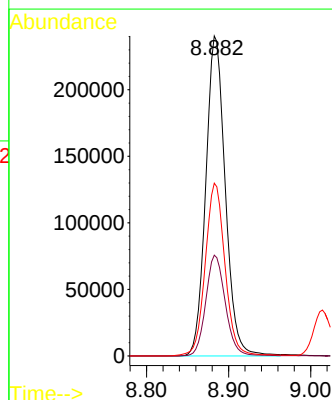
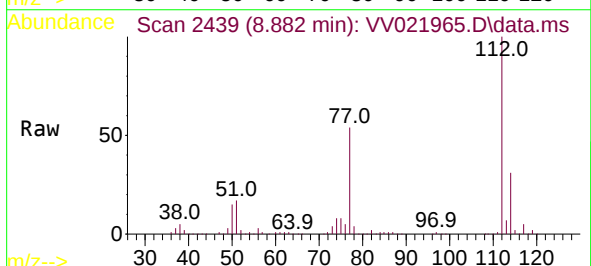
Instrument :
MSVOA_V
ClientSampled :

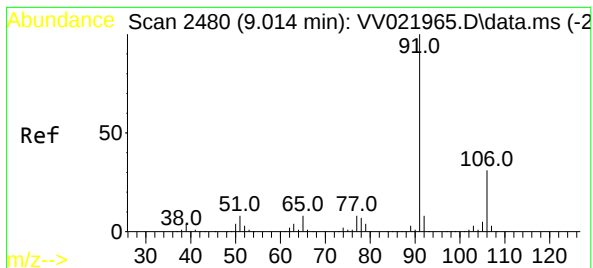
Tgt Ion:107 Resp: 158006
Ion Ratio Lower Upper
107 100
109 93.5 65.5 121.6
188 4.0 3.2 4.8



#51
Chlorobenzene
Concen: 50.306 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

Tgt Ion:112 Resp: 397346
Ion Ratio Lower Upper
112 100
114 31.5 22.0 41.0
77 54.0 43.2 64.8





#52

Ethylbenzene

Concen: 49.898 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.000 min

Lab File: VV021965.D

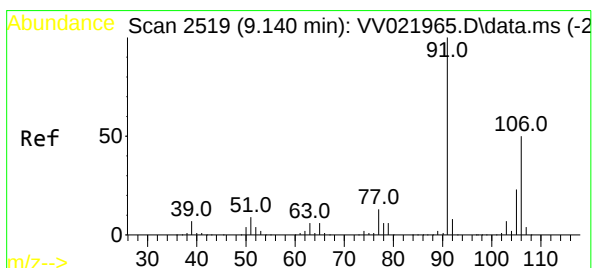
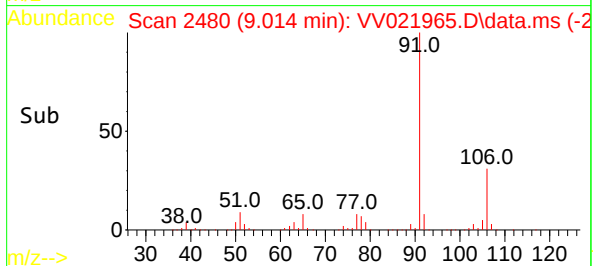
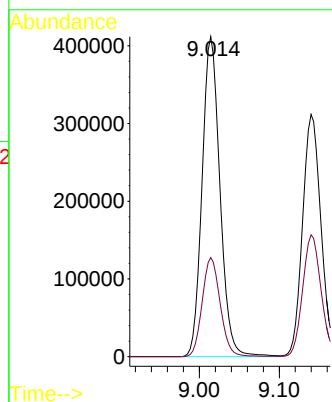
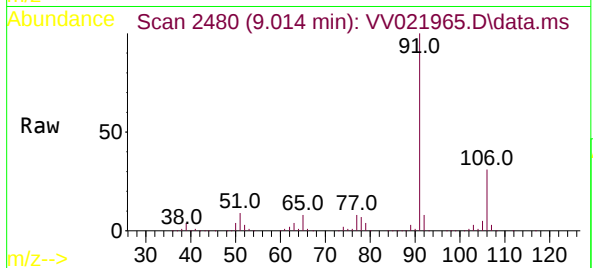
Acq: 27 Aug 2021 10:19

Tgt Ion: 91 Resp: 641554

Ion Ratio Lower Upper

91 100

106 31.0 21.7 40.3



#53

m,p-Xylene

Concen: 50.259 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.000 min

Lab File: VV021965.D

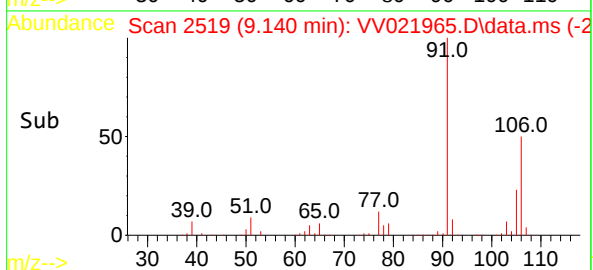
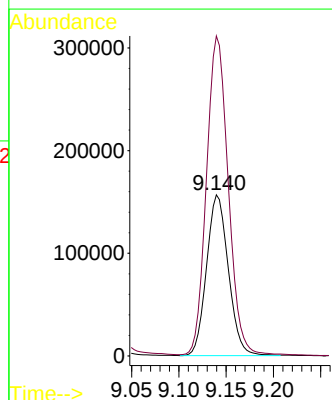
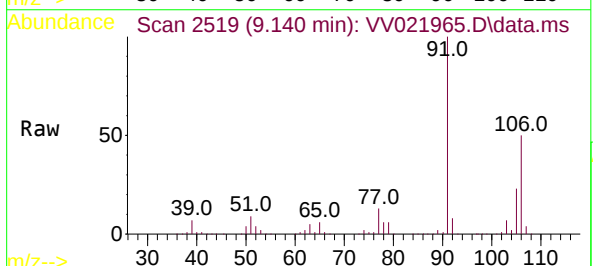
Acq: 27 Aug 2021 10:19

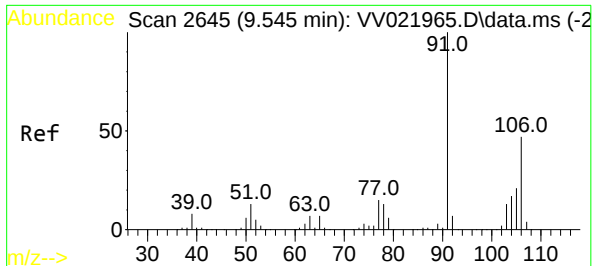
Tgt Ion: 106 Resp: 251139

Ion Ratio Lower Upper

106 100

91 198.7 139.1 258.3

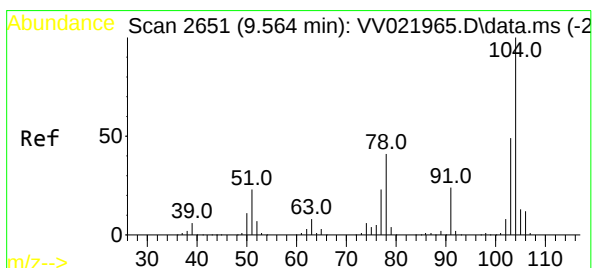
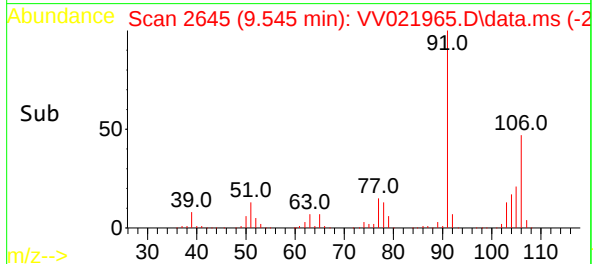
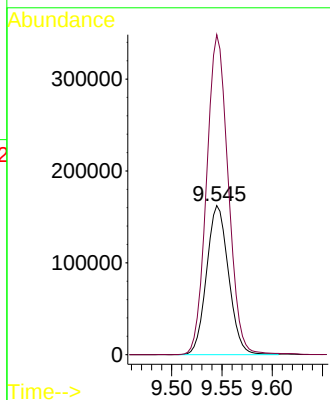
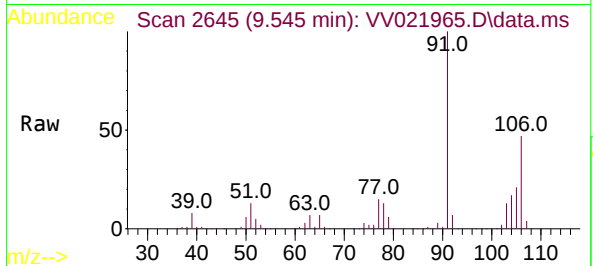




#54
o-Xylene
Concen: 50.072 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

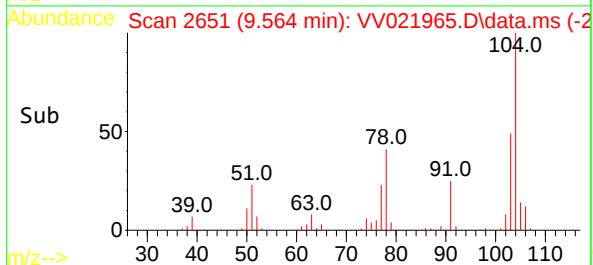
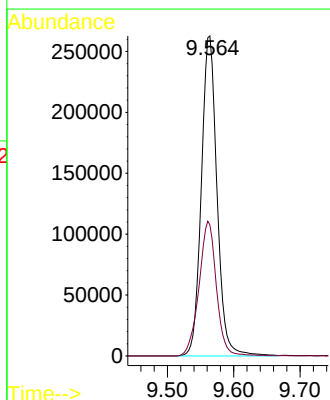
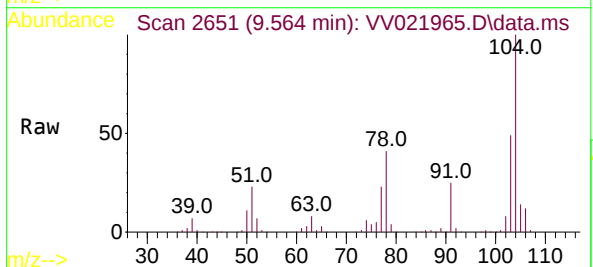
Instrument :
MSVOA_V
ClientSampled :

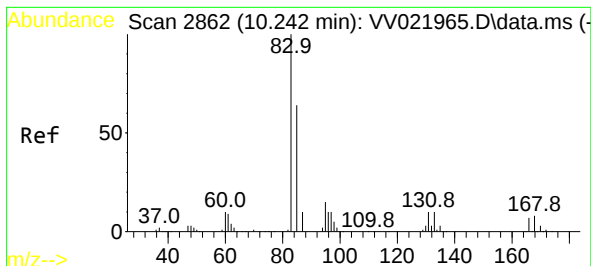
Tgt Ion:106 Resp: 247024
Ion Ratio Lower Upper
106 100
91 214.5 150.1 278.9



#55
Styrene
Concen: 51.981 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

Tgt Ion:104 Resp: 431485
Ion Ratio Lower Upper
104 100
78 40.9 28.6 53.2

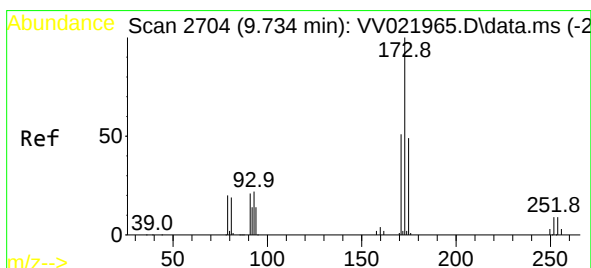
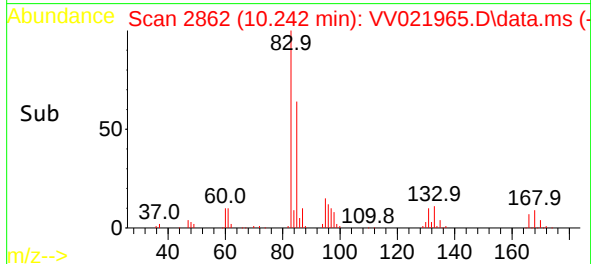
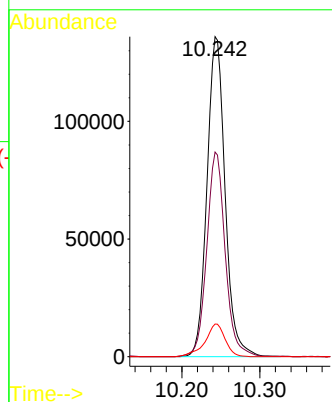
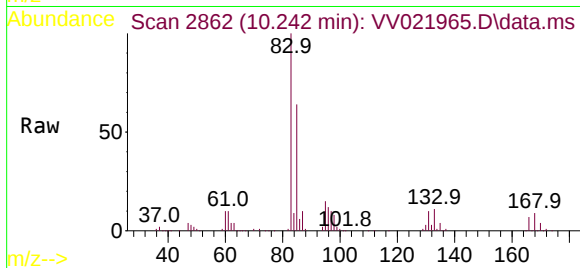




#57
1,1,2,2-Tetrachloroethane
Concen: 54.399 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

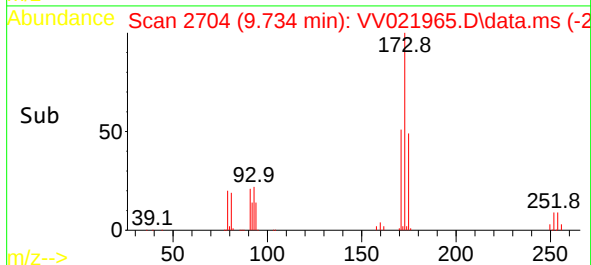
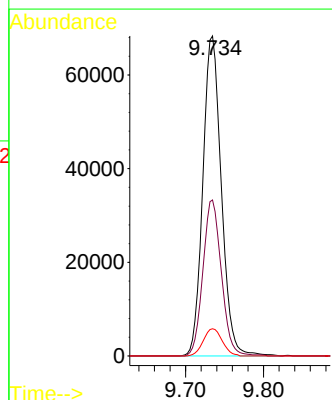
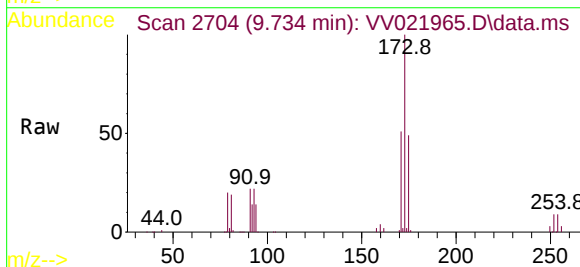
Instrument :
MSVOA_V
ClientSampleId :

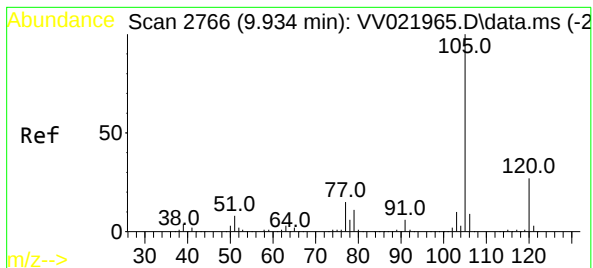
Tgt Ion: 83 Resp: 219508
Ion Ratio Lower Upper
83 100
85 63.9 44.7 83.1
131 10.2 8.2 12.2



#59
Bromoform
Concen: 48.335 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

Tgt Ion:173 Resp: 112892
Ion Ratio Lower Upper
173 100
175 48.5 38.8 58.2
254 8.7 7.0 10.4

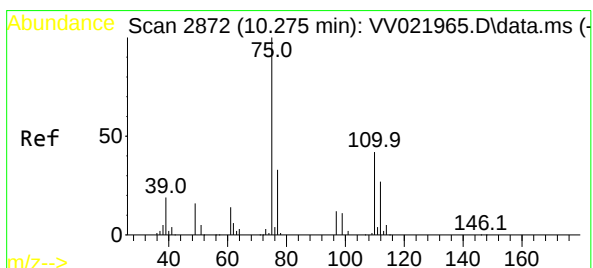
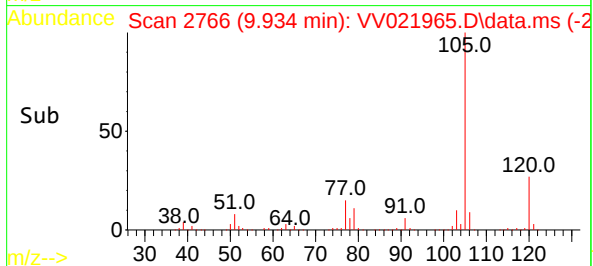
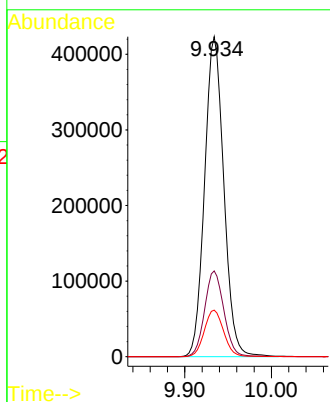
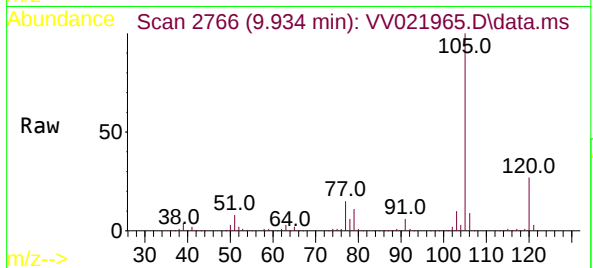




#60
Isopropylbenzene
Concen: 48.766 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

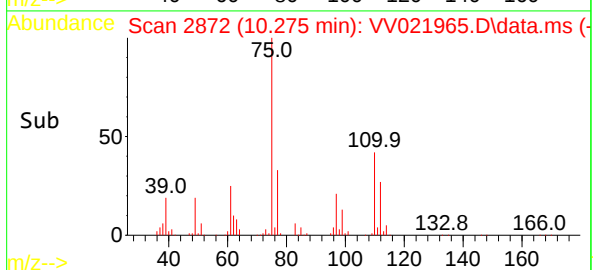
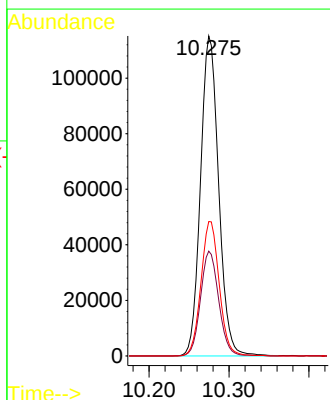
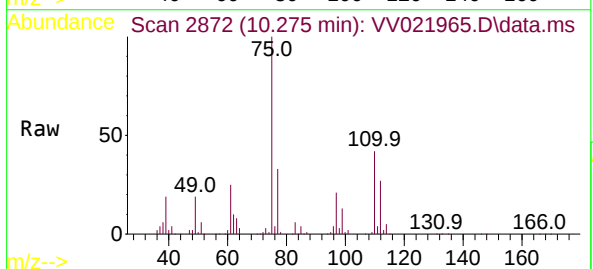
Instrument :
MSVOA_V
ClientSampled :

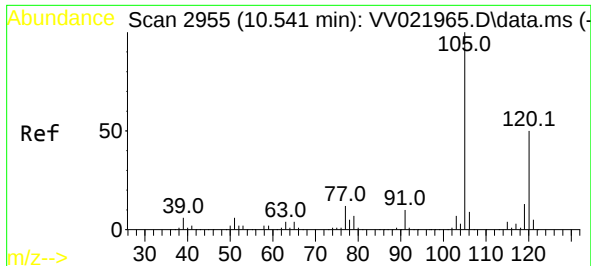
Tgt Ion:105 Resp: 651945
Ion Ratio Lower Upper
105 100
120 26.9 21.5 32.3
77 14.7 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 49.156 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

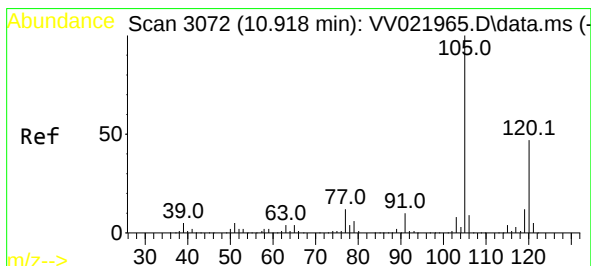
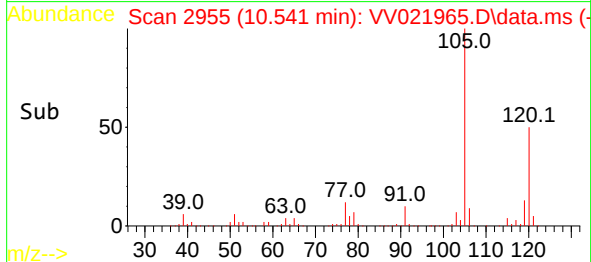
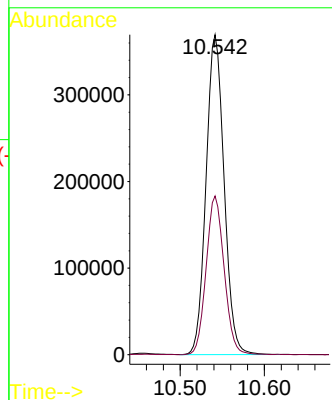
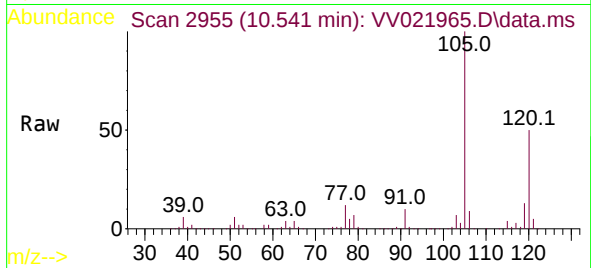
Tgt Ion: 75 Resp: 182210
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2
110 42.2 33.8 50.6





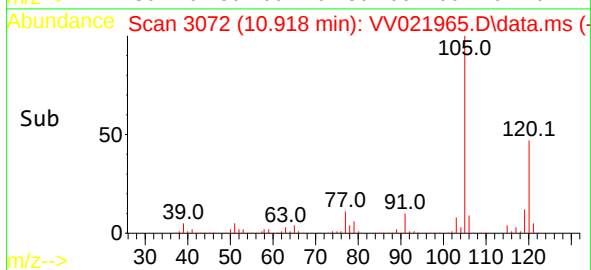
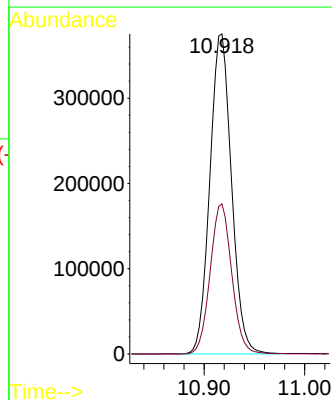
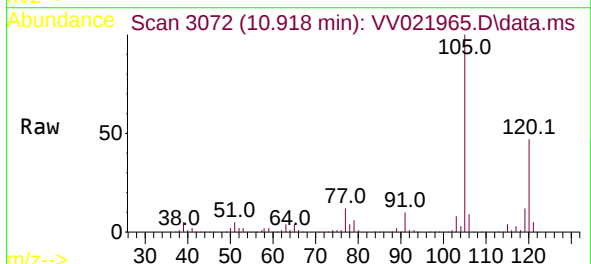
#62
1,3,5-Trimethylbenzene
Concen: 49.155 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

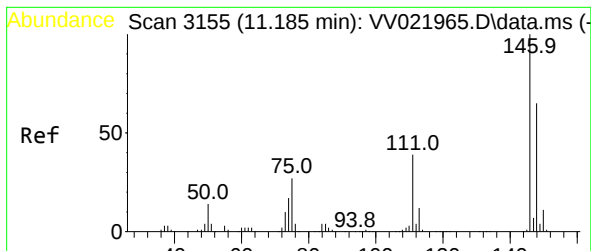
Tgt Ion:105 Resp: 551241
Ion Ratio Lower Upper
105 100
120 49.5 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 49.317 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

Tgt Ion:105 Resp: 561617
Ion Ratio Lower Upper
105 100
120 46.7 37.4 56.0

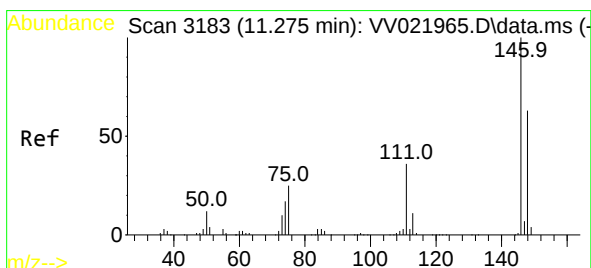
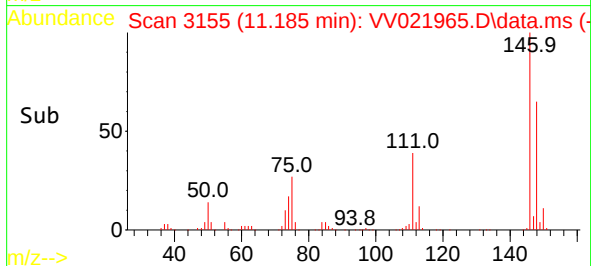
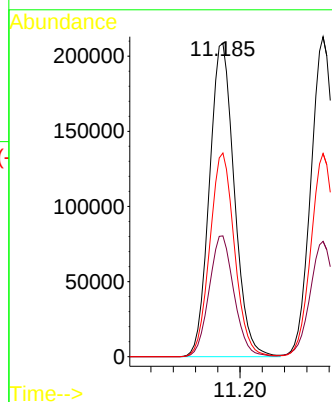
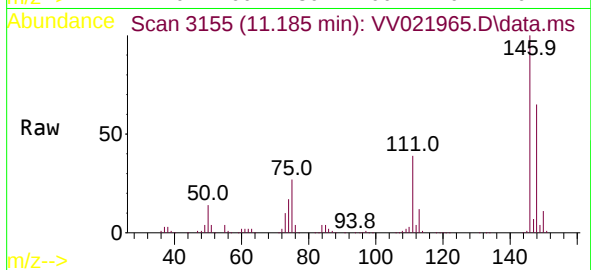




#64
1,3-Dichlorobenzene
Concen: 49.694 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

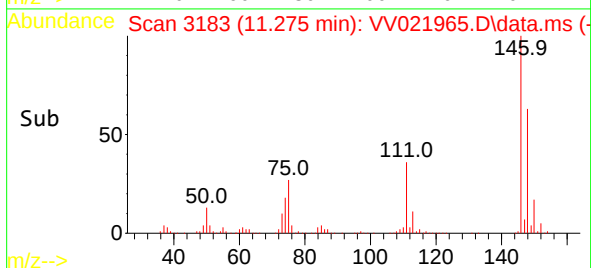
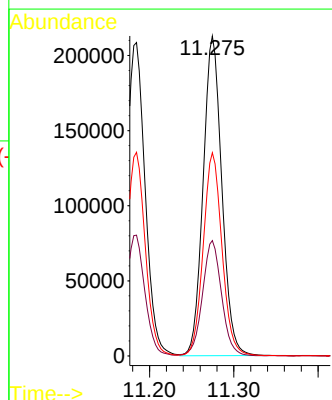
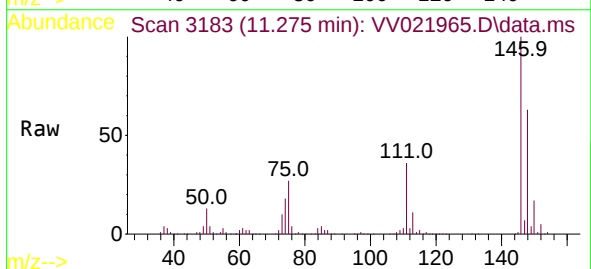
Instrument :
MSVOA_V
ClientSampleId :

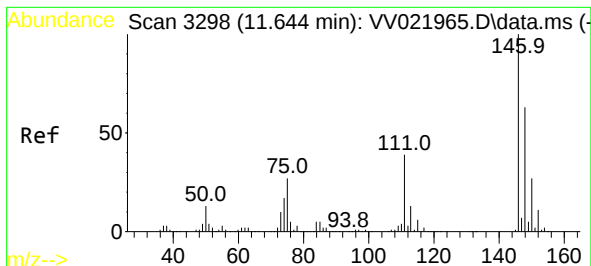
Tgt Ion:146 Resp: 323632
Ion Ratio Lower Upper
146 100
111 38.5 26.9 50.1
148 65.0 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 50.375 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

Tgt Ion:146 Resp: 329179
Ion Ratio Lower Upper
146 100
111 36.1 25.3 46.9
148 63.5 44.4 82.5

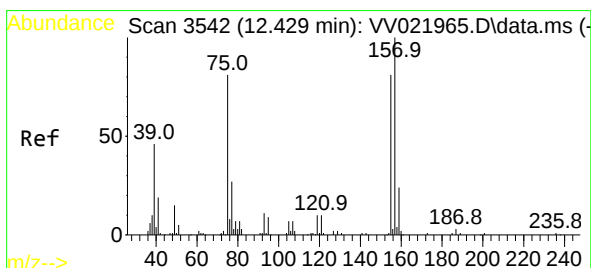
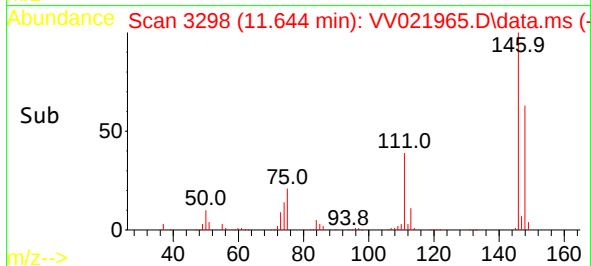
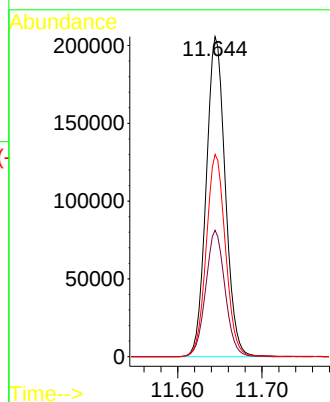
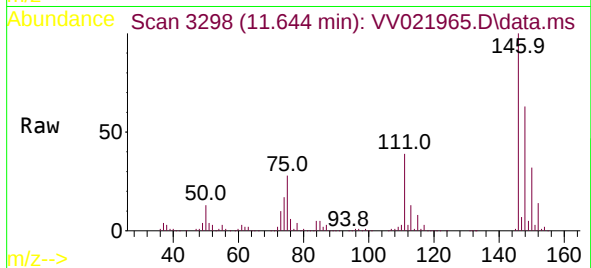




#67
1,2-Dichlorobenzene
Concen: 49.330 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

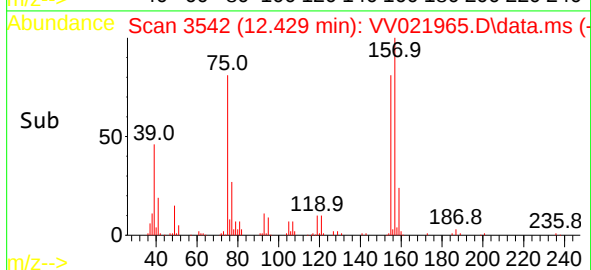
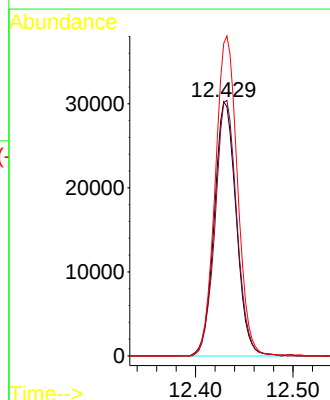
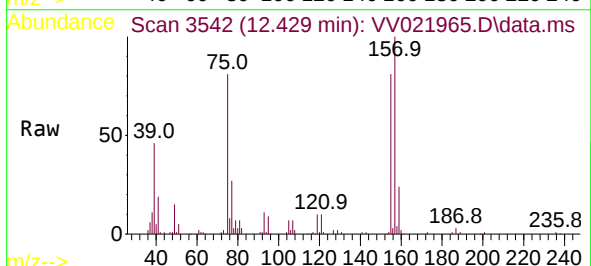
Instrument :
MSVOA_V
ClientSampleId :

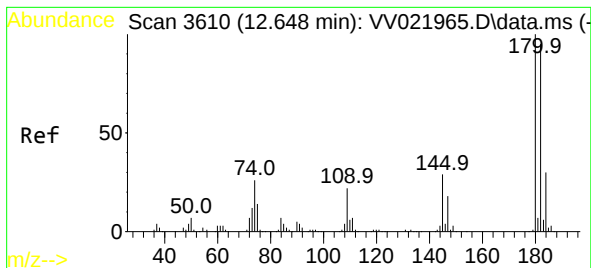
Tgt Ion:146 Resp: 323535
Ion Ratio Lower Upper
146 100
111 39.5 31.6 47.4
148 63.2 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 52.606 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

Tgt Ion: 75 Resp: 47389
Ion Ratio Lower Upper
75 100
155 99.7 79.8 119.6
157 122.9 98.3 147.5

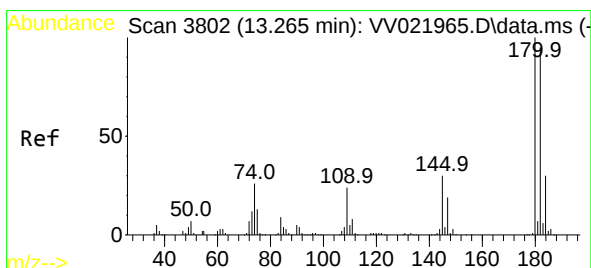
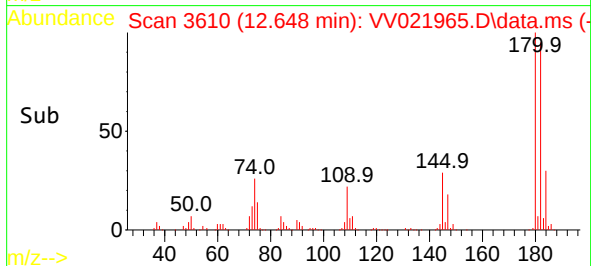
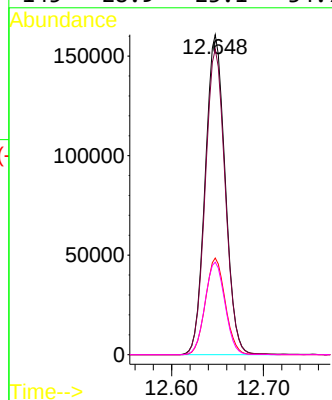
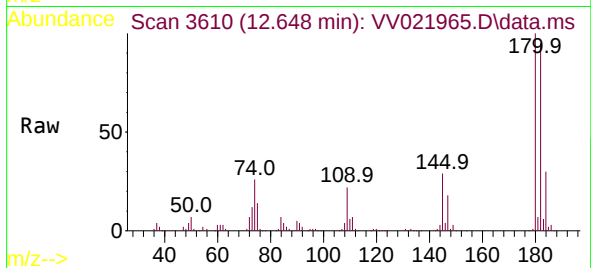




#69
1,3,5-Trichlorobenzene
Concen: 51.200 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

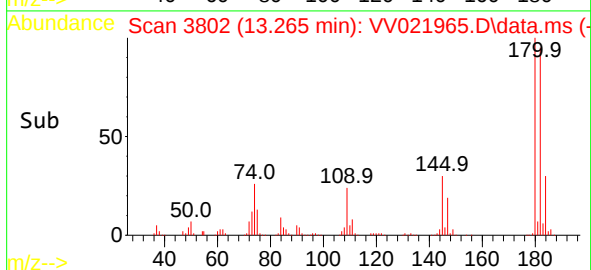
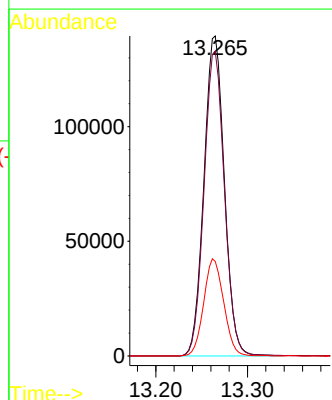
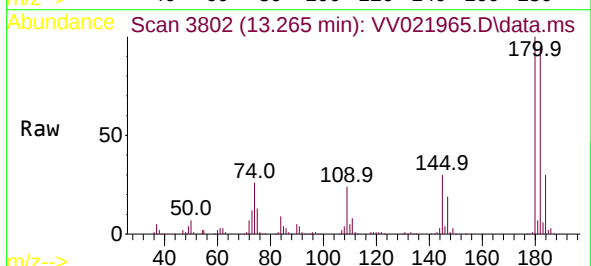
Instrument :
MSVOA_V
ClientSampled :

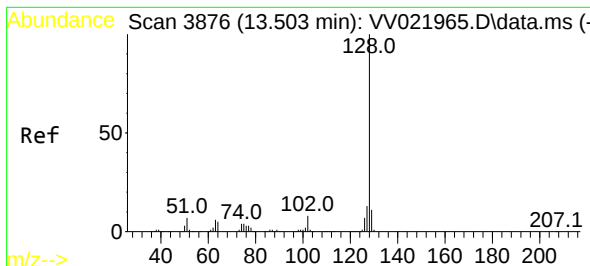
Tgt Ion:180 Resp: 242990
Ion Ratio Lower Upper
180 100
182 95.5 76.4 114.6
184 30.0 24.0 36.0
145 28.9 23.1 34.7



#70
1,2,4-trichlorobenzene
Concen: 53.931 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

Tgt Ion:180 Resp: 216193
Ion Ratio Lower Upper
180 100
182 94.9 75.9 113.9
145 29.7 23.8 35.6

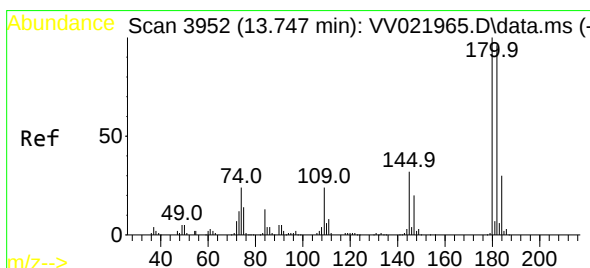
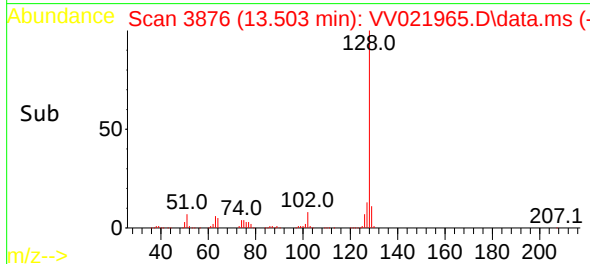
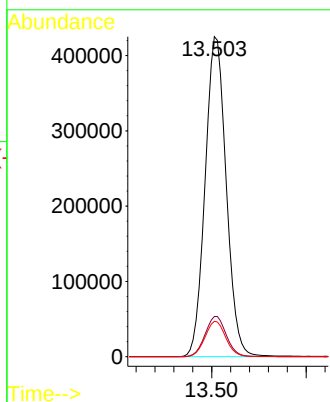
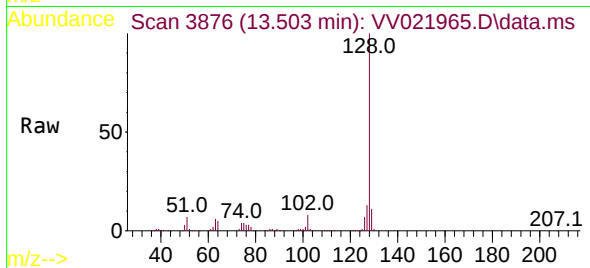




#71
Naphthalene
Concen: 56.573 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 659181
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 53.345 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.000 min
Lab File: VV021965.D
Acq: 27 Aug 2021 10:19

Tgt Ion:180 Resp: 214384
Ion Ratio Lower Upper
180 100
182 95.4 76.3 114.5
145 31.7 25.4 38.0

