

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071921\
 Data File : VW021682.D
 Acq On : 19 Jul 2021 15:07
 Operator : SY/MD
 Sample : VSTD05030
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050230

Quant Time: Jul 20 01:29:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 20 01:26:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	460804	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	421499	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	215028	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	159828	53.743	ug/L	0.00
7) Chloroethane-d5	1.558	69	121877	51.033	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	264095	49.489	ug/L	0.00
21) 2-Butanone-d5	3.876	46	259320	104.466	ug/L	0.00
24) Chloroform-d	4.352	84	309168	50.615	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	184396	51.180	ug/L	0.00
32) Benzene-d6	5.050	84	630680	52.578	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	197497	52.119	ug/L	0.00
41) Toluene-d8	7.317	98	587380	52.839	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	98588	52.349	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	185618	106.648	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	263229	52.009	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	228679	52.635	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	158147	41.237	ug/L	100
3) Chloromethane	1.240	50	150579	40.831	ug/L	100
5) Vinyl chloride	1.307	62	158528	42.925	ug/L	100
6) Bromomethane	1.513	94	68380	34.203	ug/L	100
8) Chloroethane	1.577	64	92747	43.820	ug/L	100
9) Trichlorofluoromethane	1.748	101	220781	46.521	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	121555	45.235	ug/L	100
12) 1,1-Dichloroethene	2.114	96	115726	44.970	ug/L	100
13) Acetone	2.162	43	136814	71.194	ug/L	100
14) Carbon disulfide	2.291	76	351020	39.515	ug/L	100
15) Methyl Acetate	2.426	43	173946	46.295	ug/L	100
16) Methylene chloride	2.506	84	159605	45.205	ug/L	100
17) trans-1,2-Dichloroethene	2.757	96	141082	44.936	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	483694	47.149	ug/L	100
19) 1,1-Dichloroethane	3.188	63	266328	46.248	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	163373	46.453	ug/L	100
22) 2-Butanone	3.960	43	238212	86.763	ug/L	100
23) Bromochloromethane	4.249	128	85595	46.149	ug/L	100
25) Chloroform	4.375	83	275069	46.781	ug/L	100
27) 1,2-Dichloroethane	5.133	62	198214	46.585	ug/L	100
29) Cyclohexane	4.677	56	228797	43.872	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	244142	46.498	ug/L	100
31) Carbon tetrachloride	4.831	117	208434	45.394	ug/L	100
33) Benzene	5.101	78	602299	47.363	ug/L	100
34) Trichloroethene	5.915	95	157519	45.916	ug/L	100
35) Methylcyclohexane	6.133	83	235016	43.611	ug/L	100
37) 1,2-Dichloropropane	6.175	63	159217	47.870	ug/L	100
38) Bromodichloromethane	6.513	83	207842	46.604	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	254505	46.795	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	462852	95.435	ug/L	100
42) Toluene	7.390	91	641115	47.116	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	239711	47.226	ug/L	100

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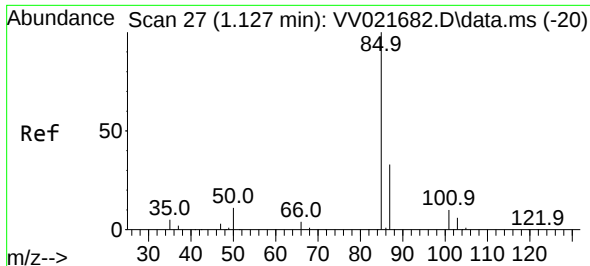
Quant Time: Jul 20 01:29:23 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	155276	47.681	ug/L	100
46) Tetrachloroethene	7.976	164	122889	45.171	ug/L	100
48) 2-Hexanone	8.140	43	354367	92.849	ug/L	100
49) Dibromochloromethane	8.249	129	175706	47.152	ug/L	100
50) 1,2-Dibromoethane	8.355	107	166904	46.977	ug/L	100
51) Chlorobenzene	8.882	112	416595	47.007	ug/L	100
52) Ethylbenzene	9.014	91	688135	46.603	ug/L	100
53) m,p-Xylene	9.140	106	267073	47.125	ug/L	100
54) o-Xylene	9.545	106	266847	47.170	ug/L	100
55) Styrene	9.561	104	456844	47.718	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	244580	48.308	ug/L	100
59) Bromoform	9.734	173	131984	48.273	ug/L	100
60) Isopropylbenzene	9.934	105	696240	47.821	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	198765	48.068	ug/L	100
62) 1,3,5-Trimethylbenzene	10.541	105	590460	47.606	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	595768	47.535	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	327061	47.744	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	325379	47.422	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	333719	48.528	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	55450	46.006	ug/L	100
69) 1,3,5-Trichlorobenzene	12.648	180	244257	47.777	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	218698	49.594	ug/L	100
71) Naphthalene	13.503	128	693438	51.577	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	225848	51.516	ug/L	100

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

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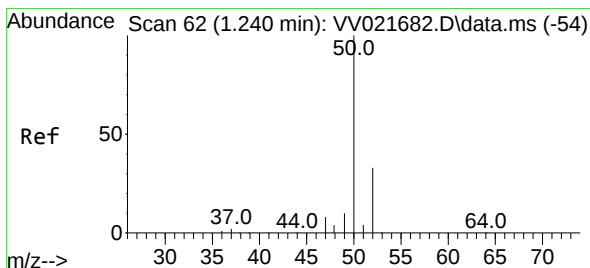
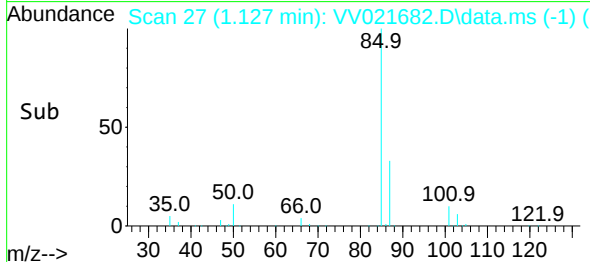
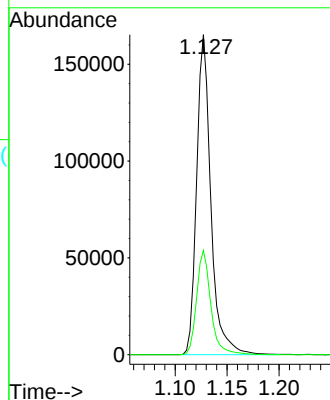
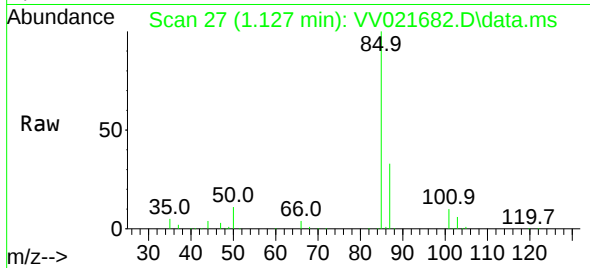




#2
 Dichlorodifluoromethane
 Concen: 41.237 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV021682.D
 Acq: 19 Jul 2021 15:07

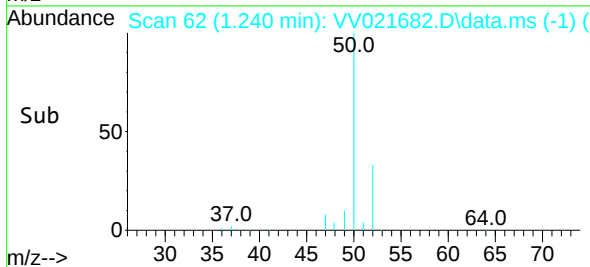
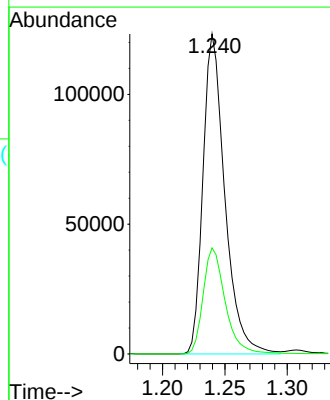
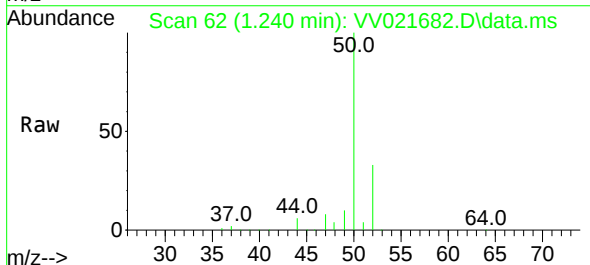
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050230

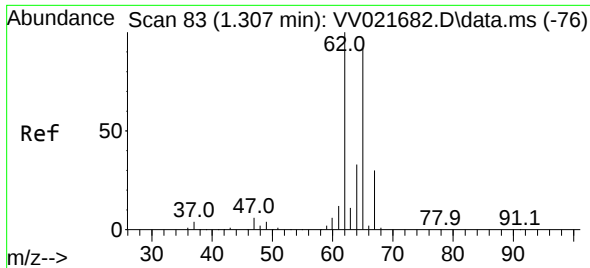
Tgt Ion: 85 Resp: 158147
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.0 39.0



#3
 Chloromethane
 Concen: 40.831 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV021682.D
 Acq: 19 Jul 2021 15:07

Tgt Ion: 50 Resp: 150579
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.2 43.2

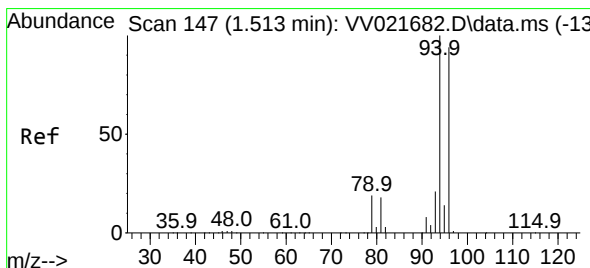
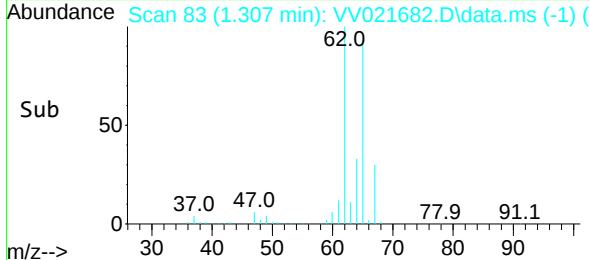
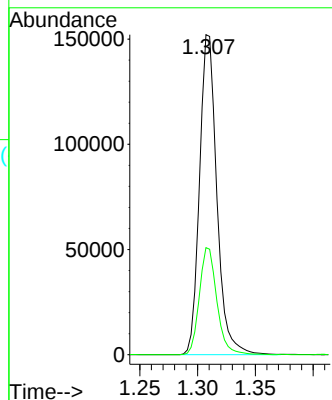
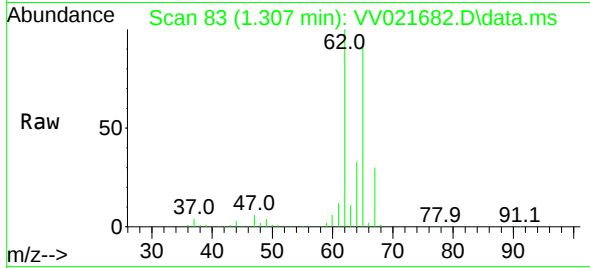




#5
 Vinyl chloride
 Concen: 42.925 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV021682.D
 Acq: 19 Jul 2021 15:07

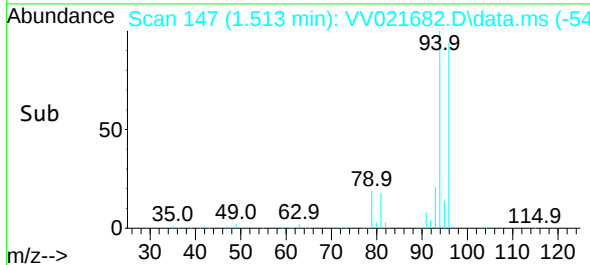
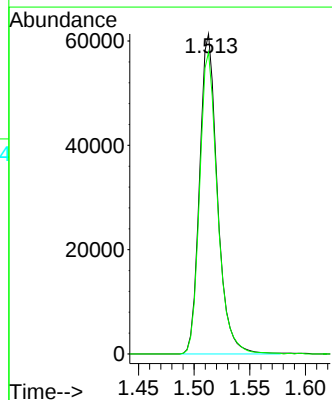
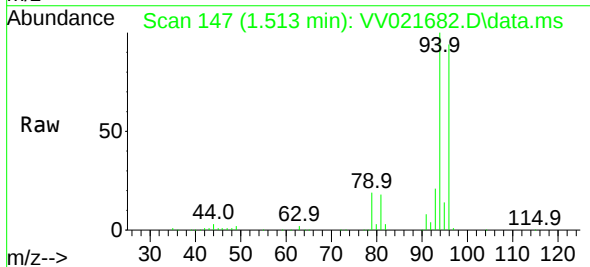
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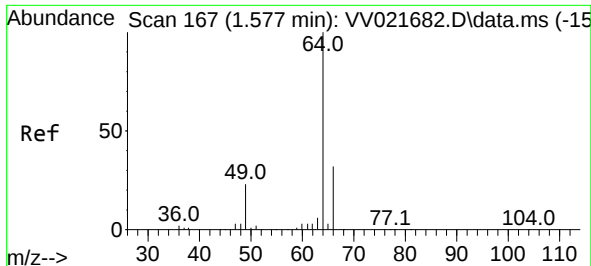
Tgt Ion: 62 Resp: 158528
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.4 43.4



#6
 Bromomethane
 Concen: 34.203 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VV021682.D
 Acq: 19 Jul 2021 15:07

Tgt Ion: 94 Resp: 68380
 Ion Ratio Lower Upper
 94 100
 96 94.3 66.0 122.6

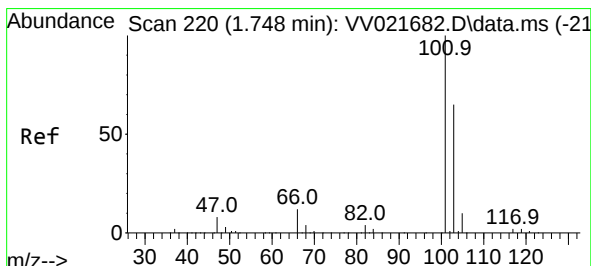
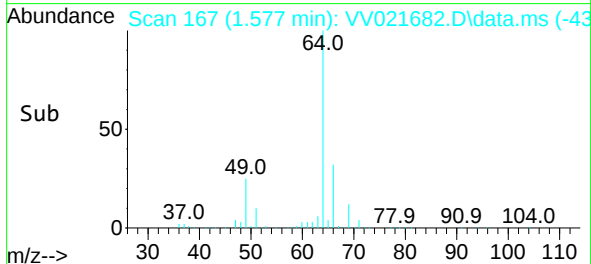
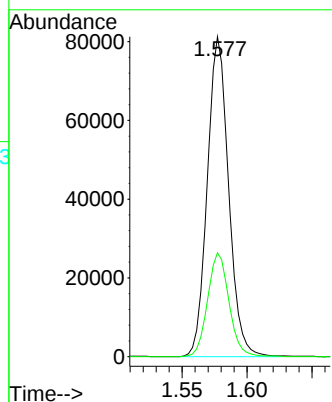
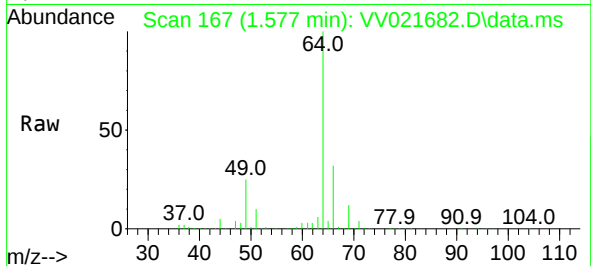




#8
Chloroethane
Concen: 43.820 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

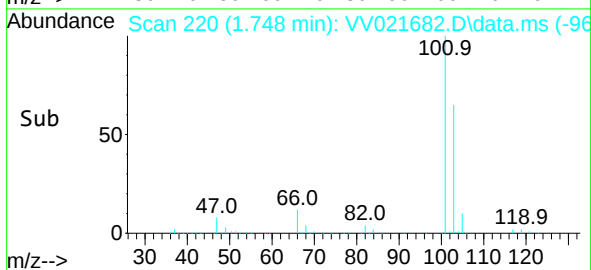
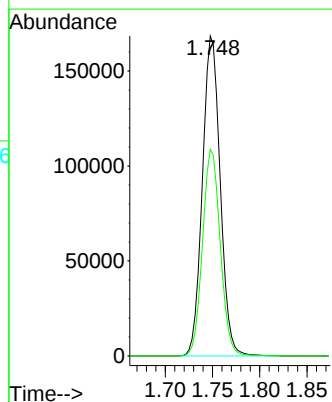
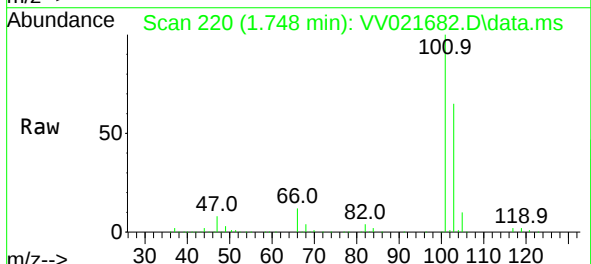
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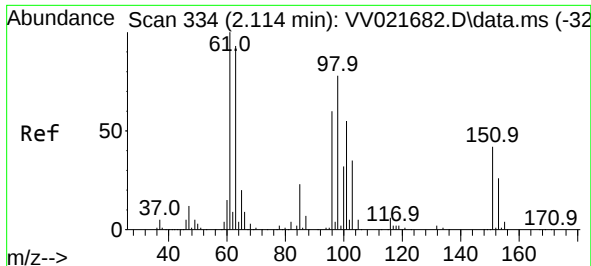
Tgt Ion: 64 Resp: 92747
Ion Ratio Lower Upper
64 100
66 32.4 22.7 42.1



#9
Trichlorofluoromethane
Concen: 46.521 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

Tgt Ion:101 Resp: 220781
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0

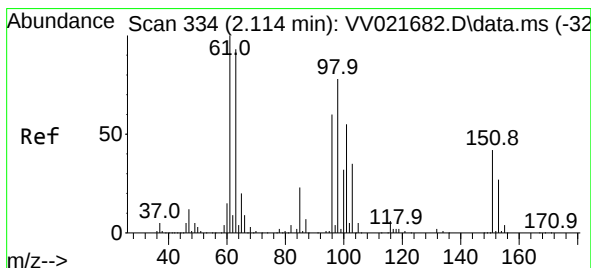
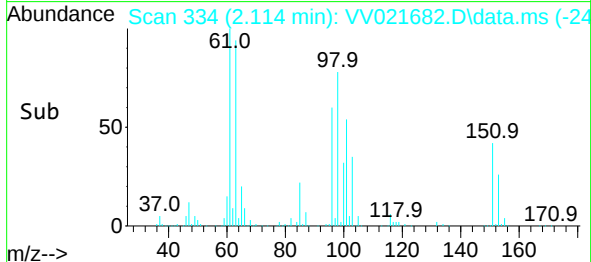
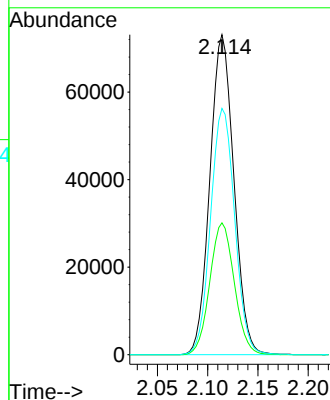
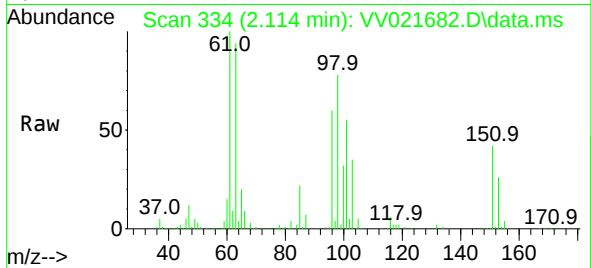




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.235 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV021682.D
 Acq: 19 Jul 2021 15:07

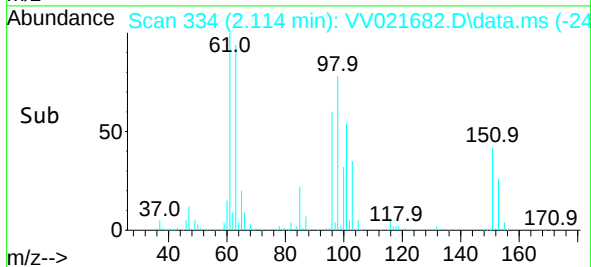
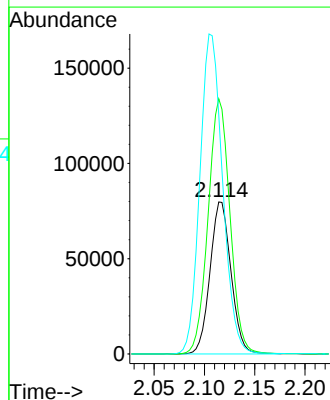
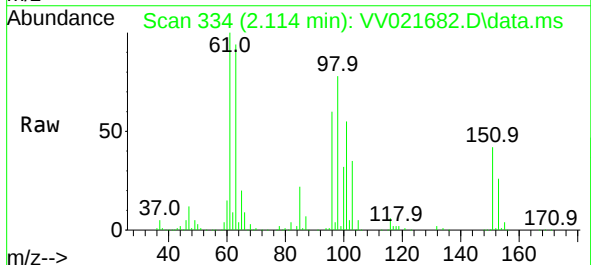
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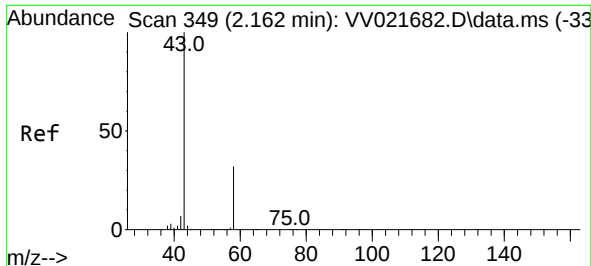
Tgt Ion:101 Resp: 121555
 Ion Ratio Lower Upper
 101 100
 85 42.0 33.6 50.4
 151 77.5 62.0 93.0



#12
 1,1-Dichloroethene
 Concen: 44.970 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV021682.D
 Acq: 19 Jul 2021 15:07

Tgt Ion: 96 Resp: 115726
 Ion Ratio Lower Upper
 96 100
 61 167.8 117.5 218.1
 63 157.3 110.1 204.5

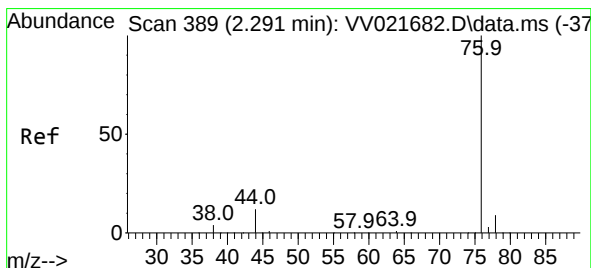
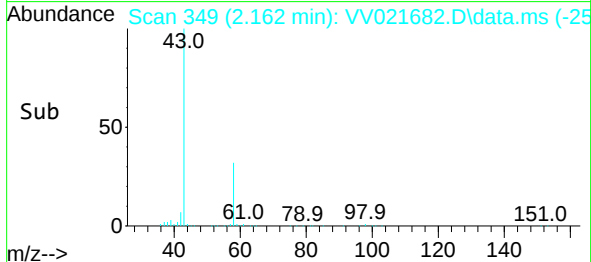
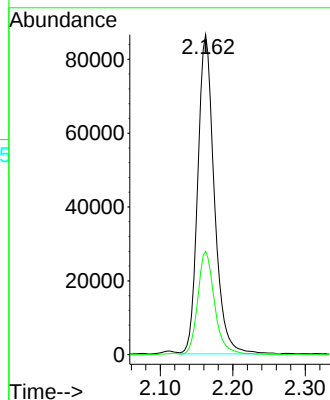
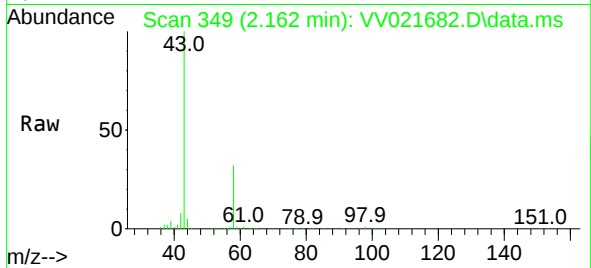




#13
Acetone
Concen: 71.194 ug/L
RT: 2.162 min Scan# 349
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

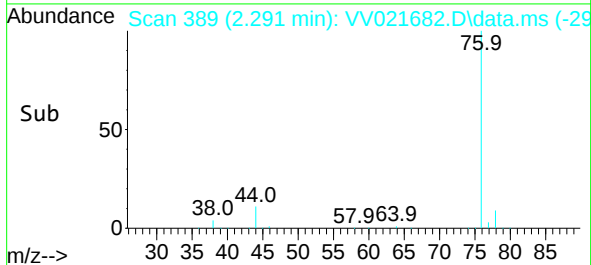
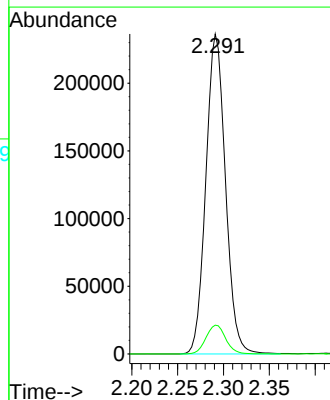
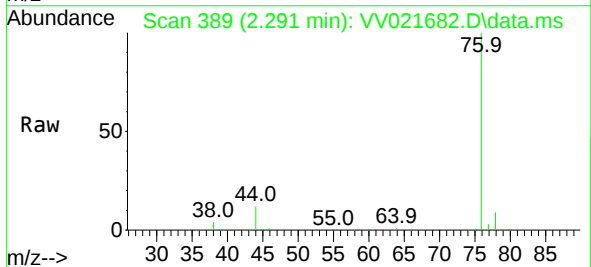
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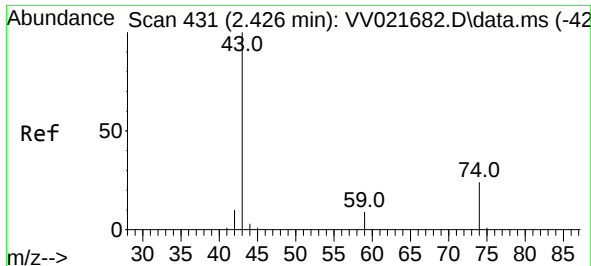
Tgt Ion: 43 Resp: 136814
Ion Ratio Lower Upper
43 100
58 32.3 0.0 64.6



#14
Carbon disulfide
Concen: 39.515 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

Tgt Ion: 76 Resp: 351020
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

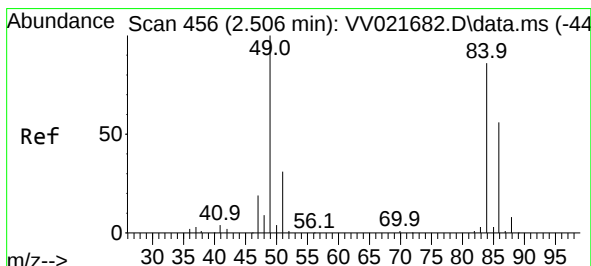
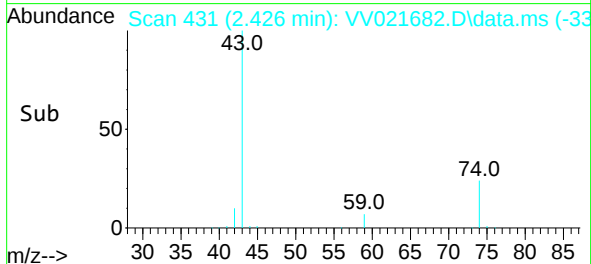
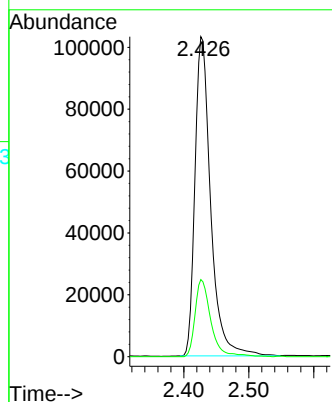
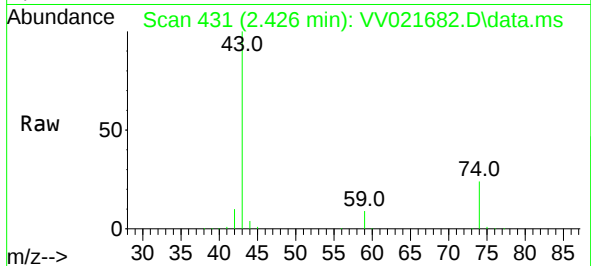




#15
Methyl Acetate
Concen: 46.295 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

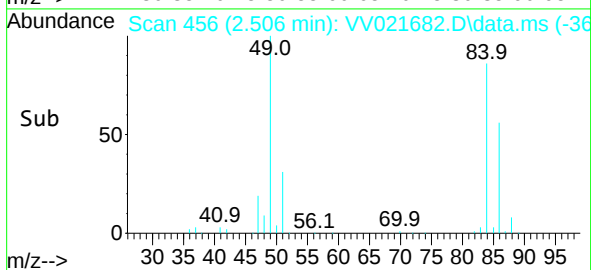
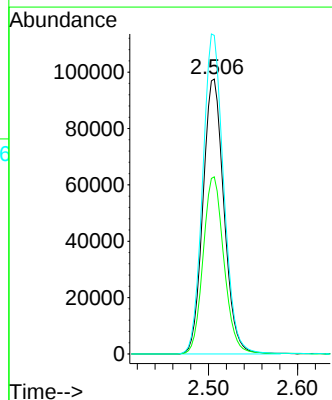
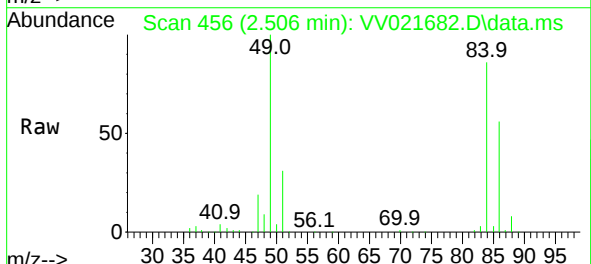
Instrument :
MSVOA_V
ClientSampleId :
VSTD050230

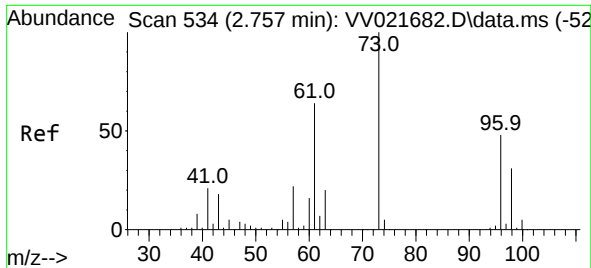
Tgt Ion: 43 Resp: 173946
Ion Ratio Lower Upper
43 100
74 24.1 19.3 28.9



#16
Methylene chloride
Concen: 45.205 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

Tgt Ion: 84 Resp: 159605
Ion Ratio Lower Upper
84 100
86 64.5 45.1 83.9
49 115.9 81.1 150.7

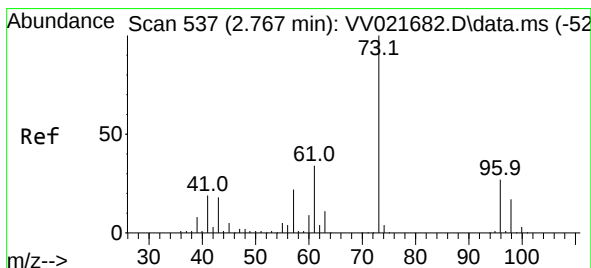
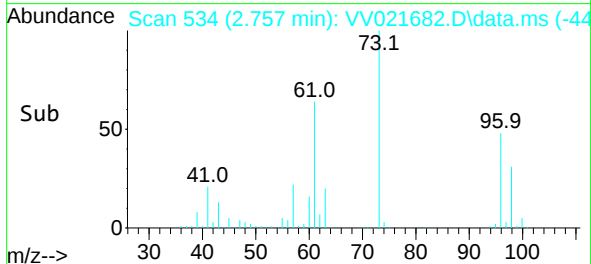
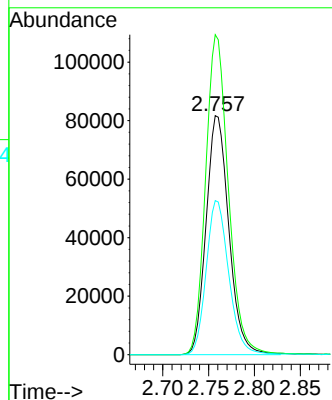
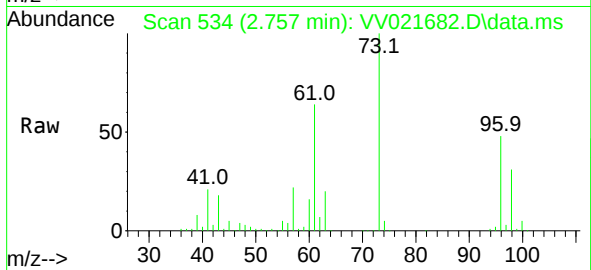




#17
trans-1,2-Dichloroethene
Concen: 44.936 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

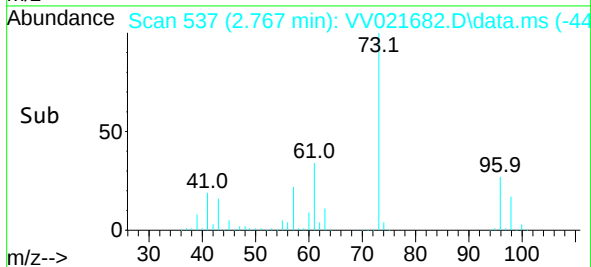
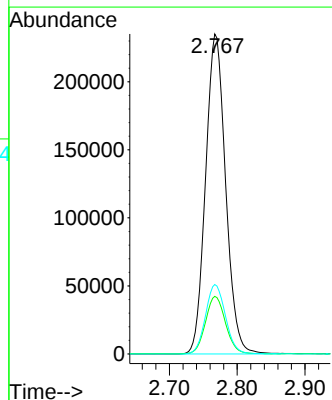
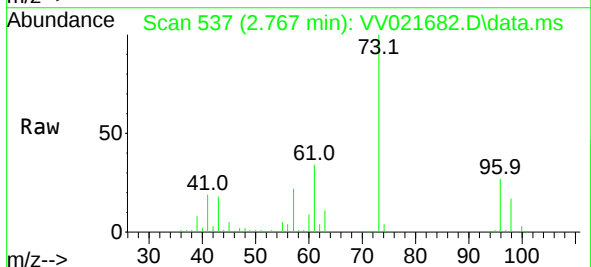
Instrument :
MSVOA_V
ClientSampleId :
VSTD050230

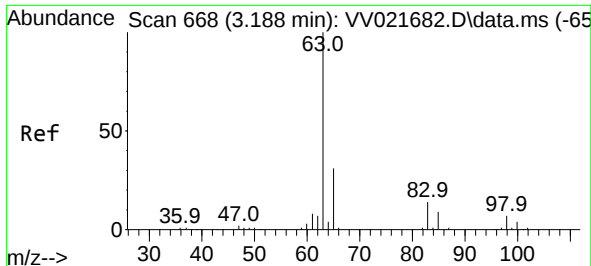
Tgt Ion: 96 Resp: 141082
Ion Ratio Lower Upper
96 100
61 133.9 93.7 174.1
98 64.5 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 47.149 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

Tgt Ion: 73 Resp: 483694
Ion Ratio Lower Upper
73 100
43 17.9 14.3 21.5
57 21.6 17.3 25.9





#19

1,1-Dichloroethane

Concen: 46.248 ug/L

RT: 3.188 min Scan# 668

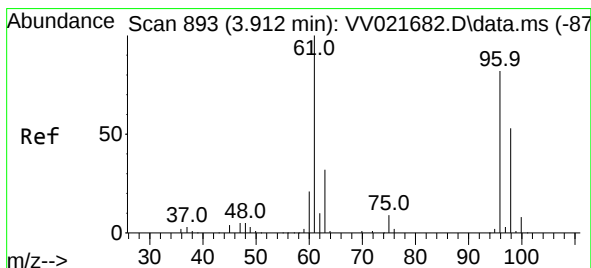
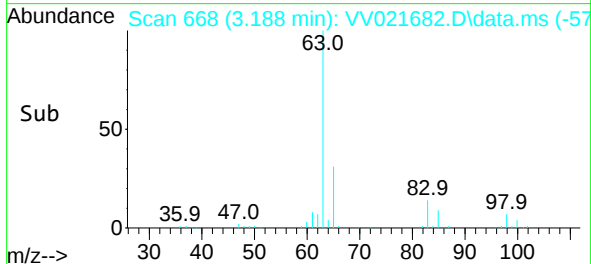
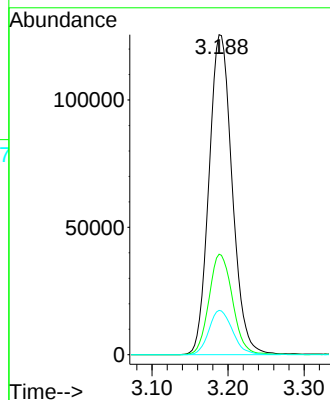
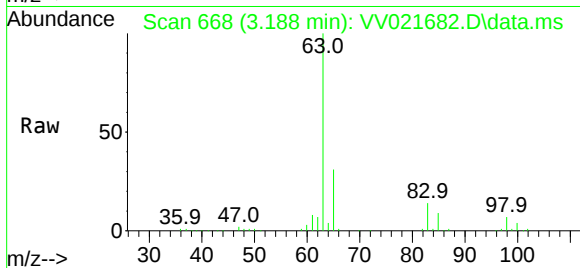
Delta R.T. 0.000 min

Lab File: VV021682.D

Acq: 19 Jul 2021 15:07

Tgt Ion: 63 Resp: 266328

Ion	Ratio	Lower	Upper
63	100		
65	31.4	22.0	40.8
83	13.9	9.7	18.1



#20

cis-1,2-Dichloroethene

Concen: 46.453 ug/L

RT: 3.912 min Scan# 893

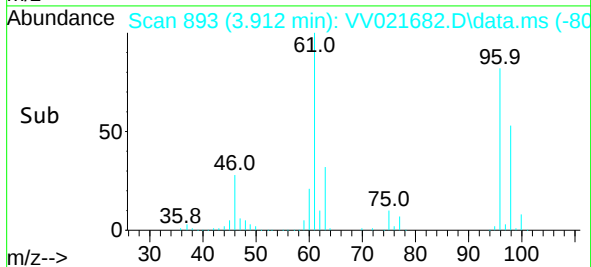
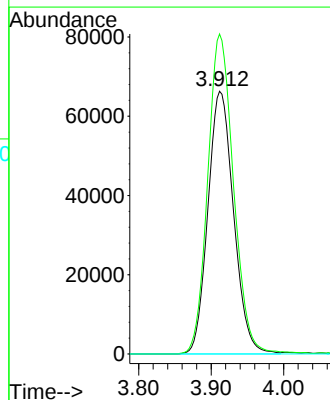
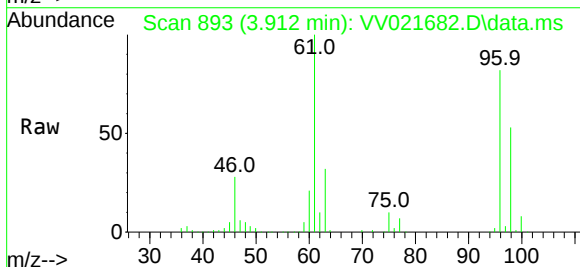
Delta R.T. 0.000 min

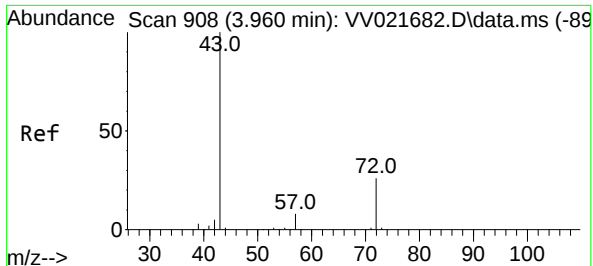
Lab File: VV021682.D

Acq: 19 Jul 2021 15:07

Tgt Ion: 96 Resp: 163373

Ion	Ratio	Lower	Upper
96	100		
61	121.8	85.3	158.3
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 86.763 ug/L

RT: 3.960 min Scan# 908

Delta R.T. 0.000 min

Lab File: VV021682.D

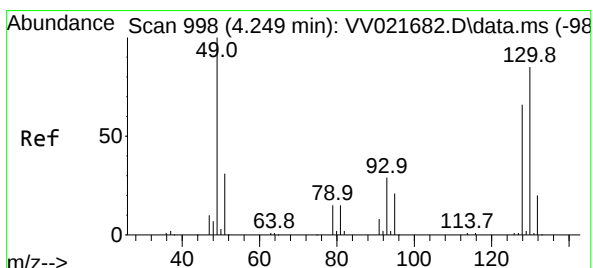
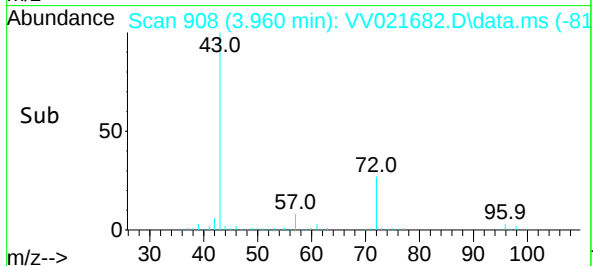
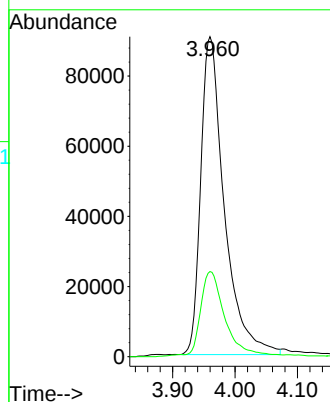
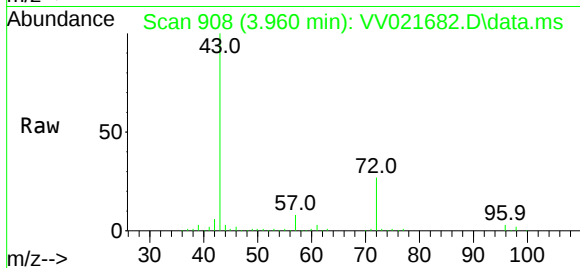
Acq: 19 Jul 2021 15:07

Tgt Ion: 43 Resp: 238212

Ion Ratio Lower Upper

43 100

72 26.3 13.2 39.5



#23

Bromochloromethane

Concen: 46.149 ug/L

RT: 4.249 min Scan# 998

Delta R.T. 0.000 min

Lab File: VV021682.D

Acq: 19 Jul 2021 15:07

Tgt Ion: 128 Resp: 85595

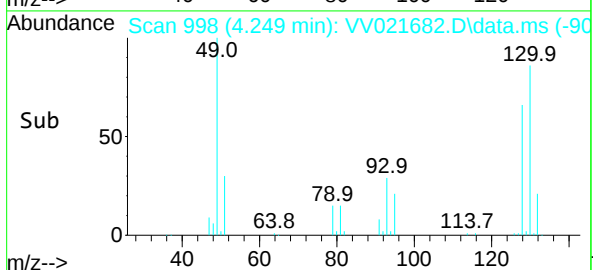
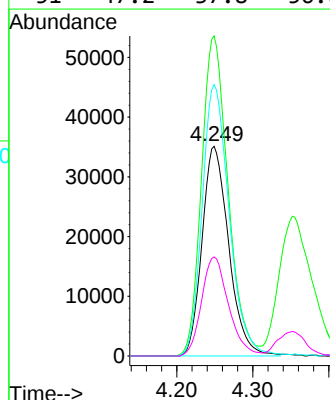
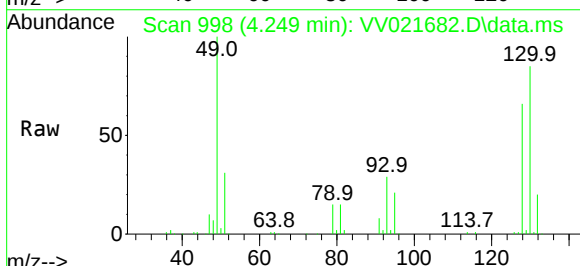
Ion Ratio Lower Upper

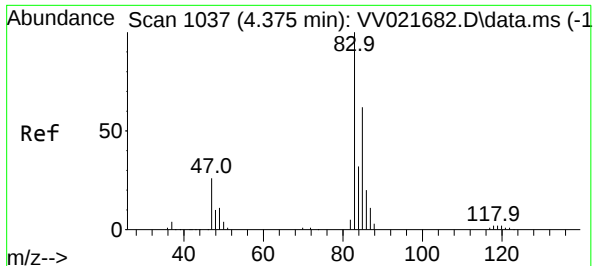
128 100

49 152.6 106.8 198.4

130 129.4 90.6 168.2

51 47.2 37.8 56.6





#25

Chloroform

Concen: 46.781 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VV021682.D

Acq: 19 Jul 2021 15:07

Tgt Ion: 83 Resp: 275069

Ion Ratio Lower Upper

83 100

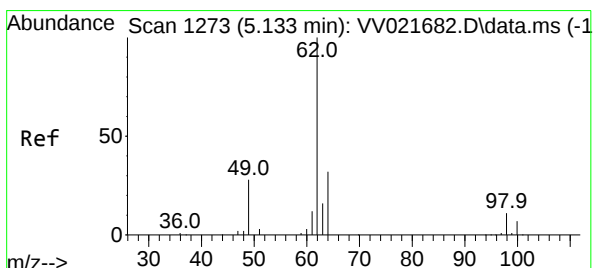
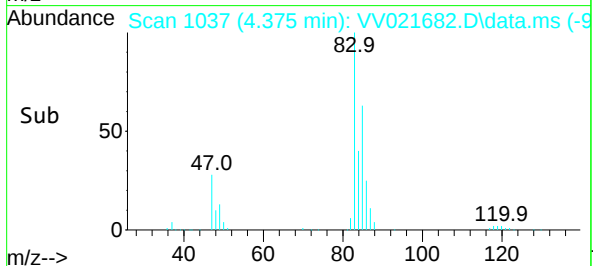
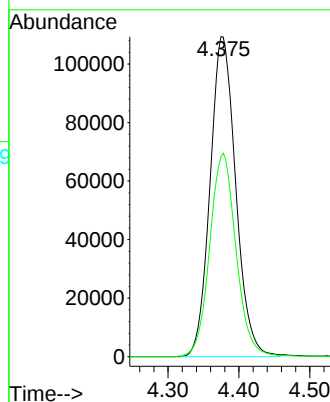
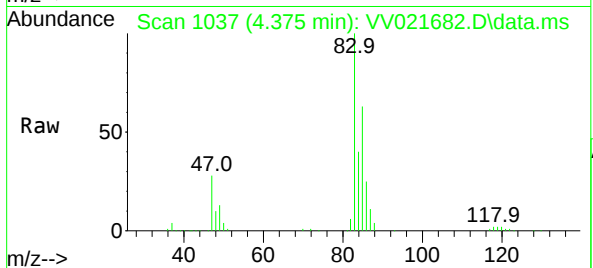
85 62.6 43.8 81.4

Instrument :

MSVOA_V

ClientSampleId :

VSTD050230



#27

1,2-Dichloroethane

Concen: 46.585 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VV021682.D

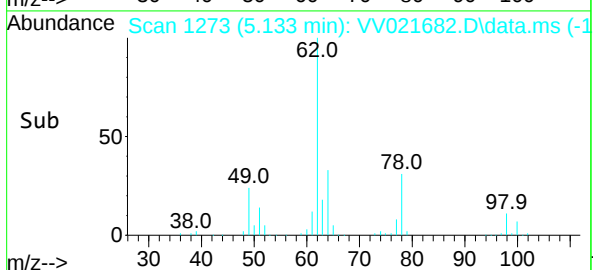
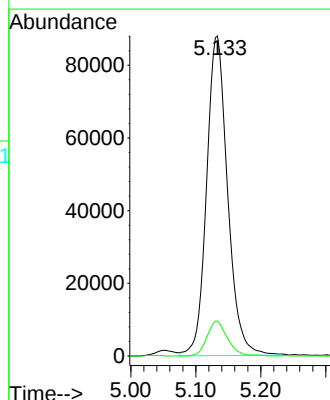
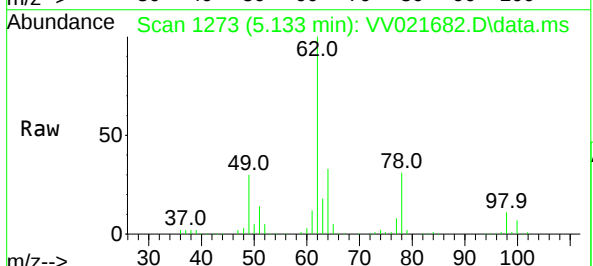
Acq: 19 Jul 2021 15:07

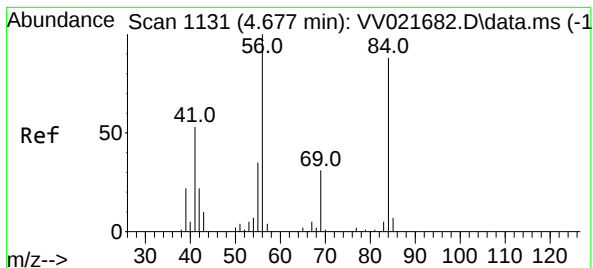
Tgt Ion: 62 Resp: 198214

Ion Ratio Lower Upper

62 100

98 10.9 8.7 13.1





#29

Cyclohexane

Concen: 43.872 ug/L

RT: 4.677 min Scan# 1131

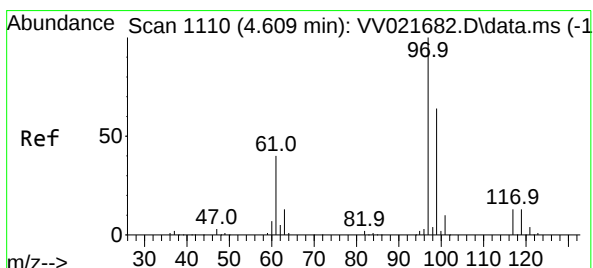
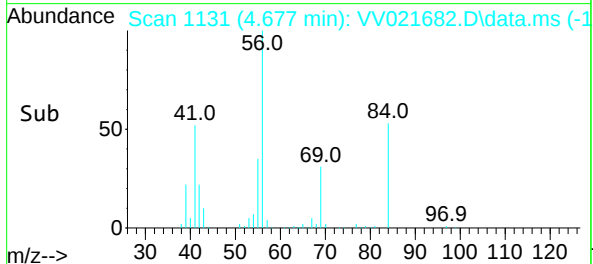
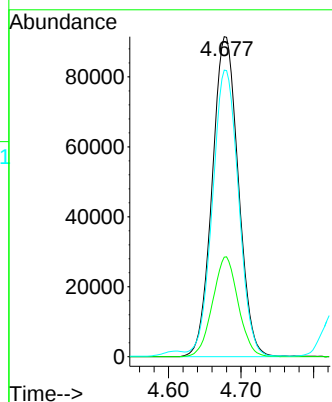
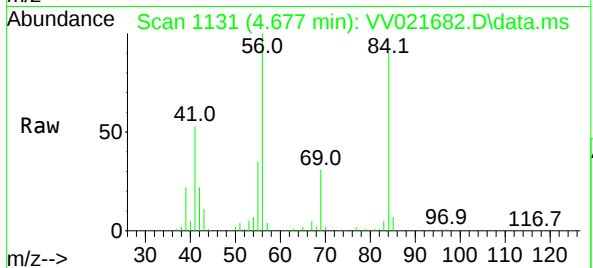
Delta R.T. 0.000 min

Lab File: VV021682.D

Acq: 19 Jul 2021 15:07

Instrument :
MSVOA_V
ClientSampleId :
VSTD050230

Tgt Ion:	56	Resp:	228797
Ion	Ratio	Lower	Upper
56	100		
69	30.6	24.5	36.7
84	89.2	71.4	107.0



#30

1,1,1-Trichloroethane

Concen: 46.498 ug/L

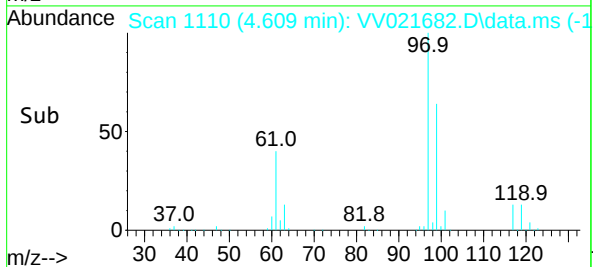
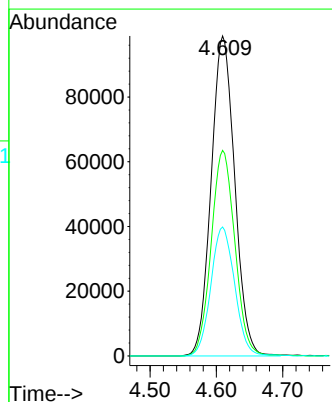
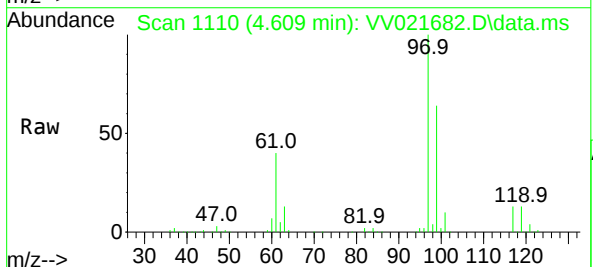
RT: 4.609 min Scan# 1110

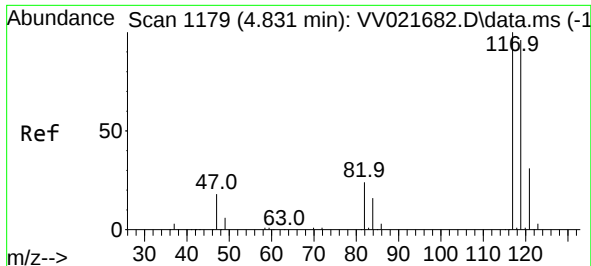
Delta R.T. 0.000 min

Lab File: VV021682.D

Acq: 19 Jul 2021 15:07

Tgt Ion:	97	Resp:	244142
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	40.8	32.6	49.0

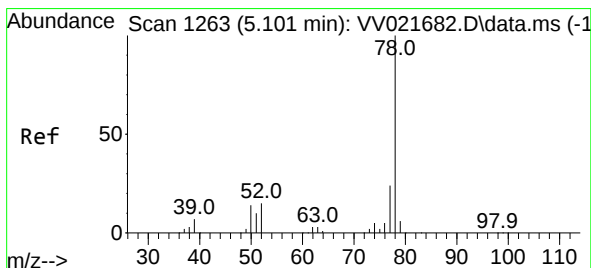
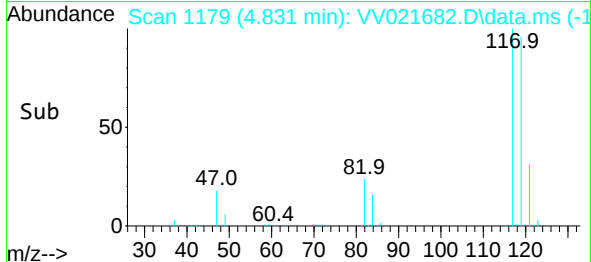
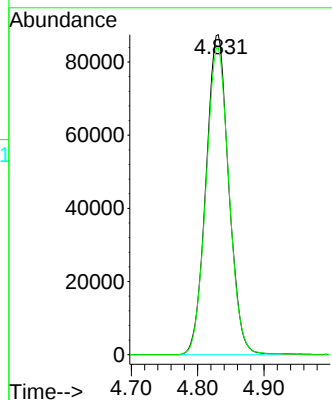
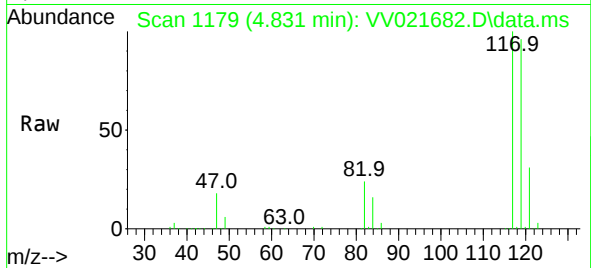




#31
Carbon tetrachloride
Concen: 45.394 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

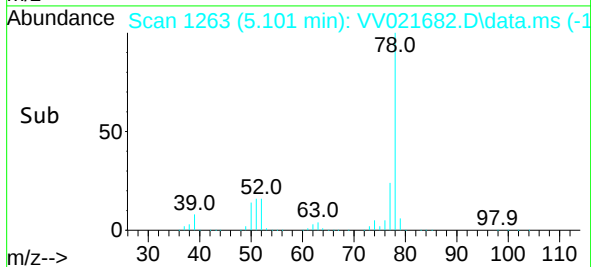
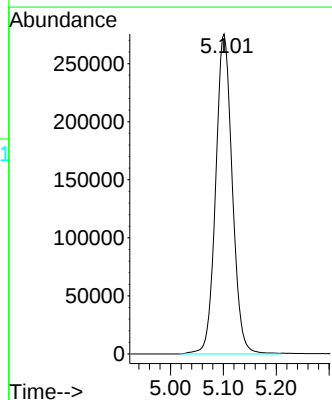
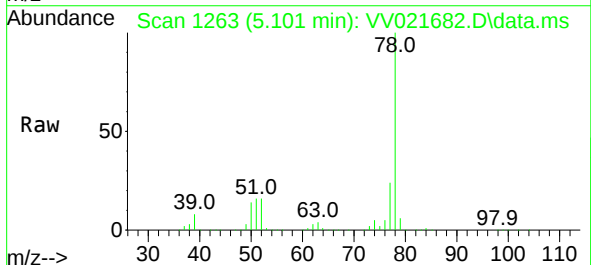
Instrument :
MSVOA_V
ClientSampleId :
VSTD050230

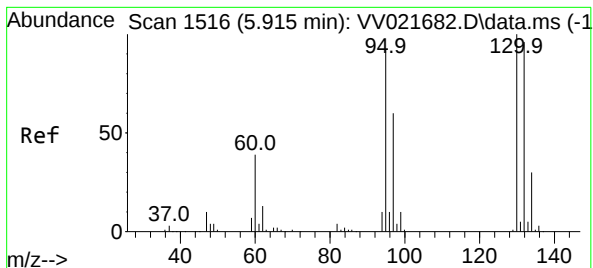
Tgt Ion:117 Resp: 208434
Ion Ratio Lower Upper
117 100
119 97.1 77.7 116.5



#33
Benzene
Concen: 47.363 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

Tgt Ion: 78 Resp: 602299





#34

Trichloroethene

Concen: 45.916 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VV021682.D

Acq: 19 Jul 2021 15:07

Tgt Ion: 95 Resp: 157519

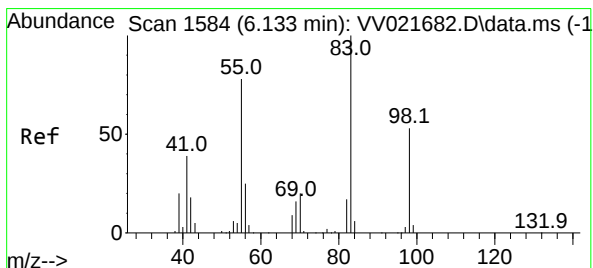
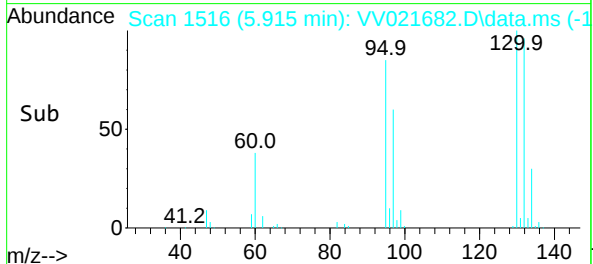
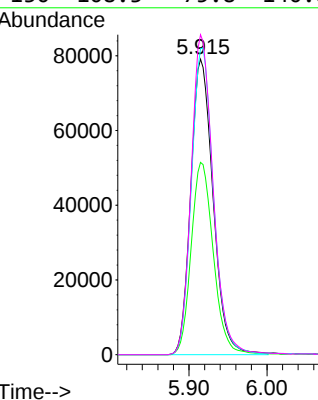
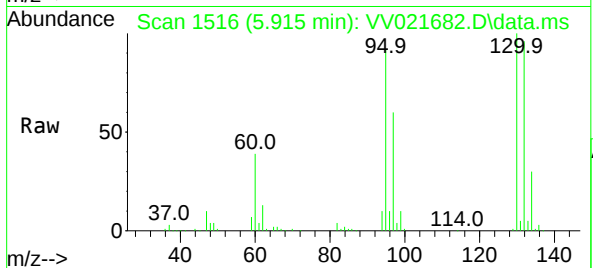
Ion Ratio Lower Upper

95 100

97 65.1 45.6 84.6

132 103.5 72.4 134.5

130 108.3 75.8 140.8



#35

Methylcyclohexane

Concen: 43.611 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.000 min

Lab File: VV021682.D

Acq: 19 Jul 2021 15:07

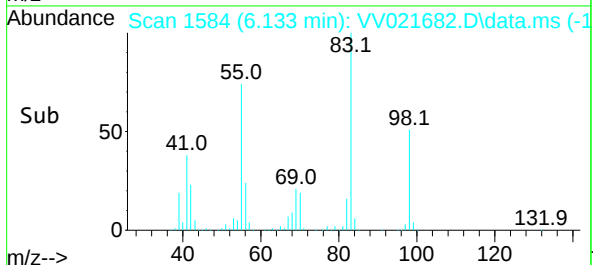
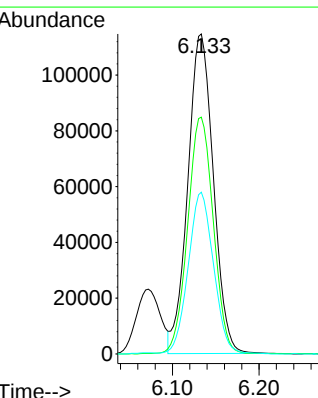
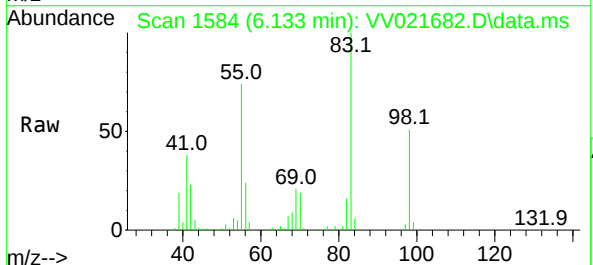
Tgt Ion: 83 Resp: 235016

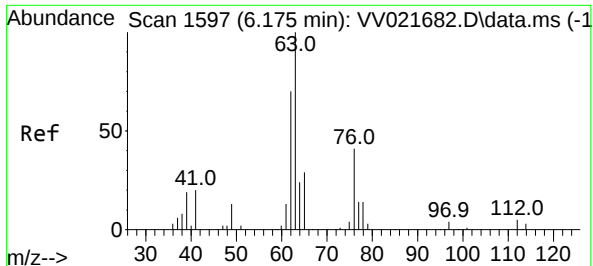
Ion Ratio Lower Upper

83 100

55 74.1 59.3 88.9

98 50.3 40.2 60.4

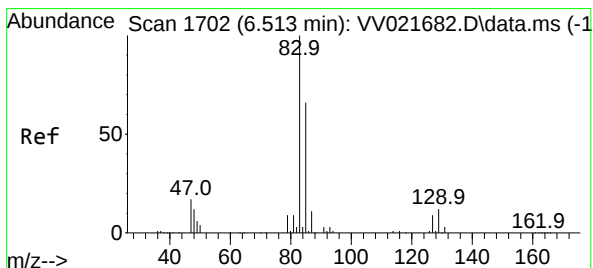
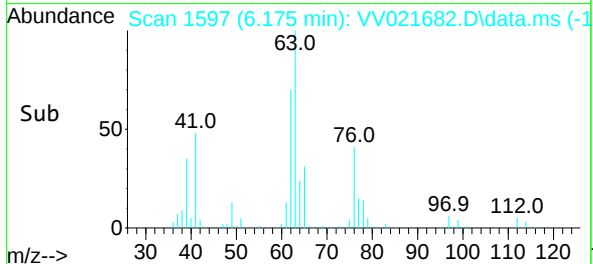
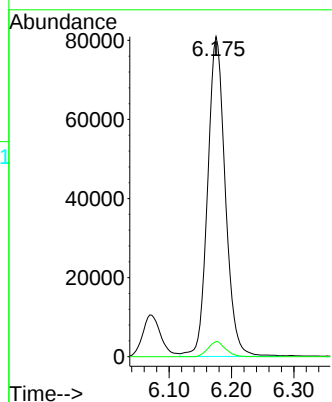
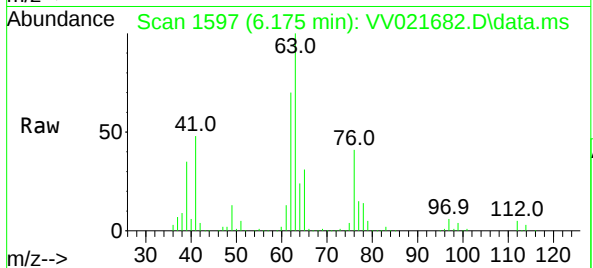




#37
1,2-Dichloropropane
Concen: 47.870 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

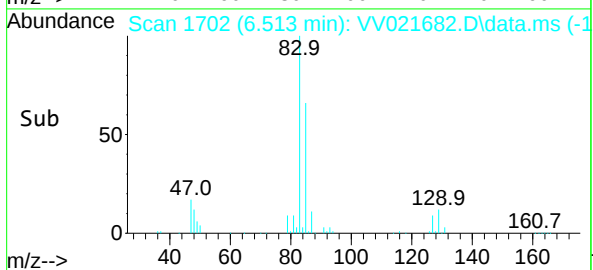
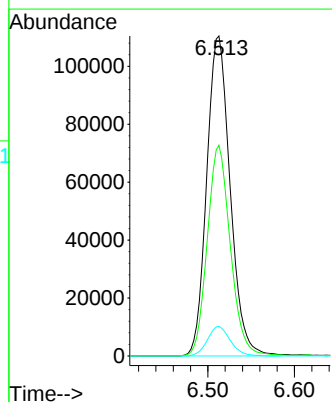
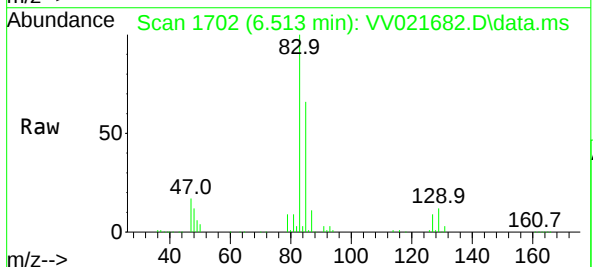
Instrument :
MSVOA_V
ClientSampleId :
VSTD050230

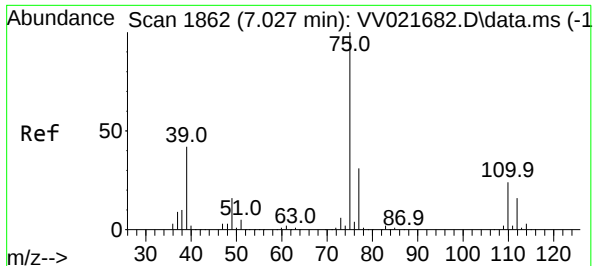
Tgt Ion: 63 Resp: 159217
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.6



#38
Bromodichloromethane
Concen: 46.604 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

Tgt Ion: 83 Resp: 207842
Ion Ratio Lower Upper
83 100
85 65.8 46.1 85.5
127 9.2 7.4 11.0

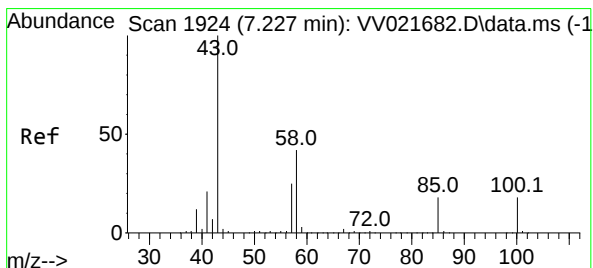
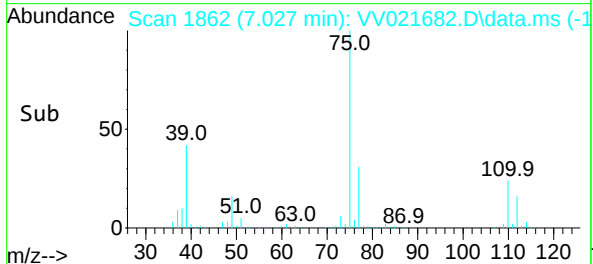
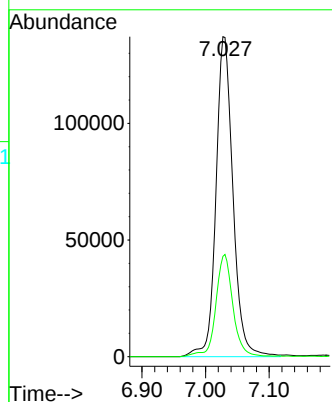
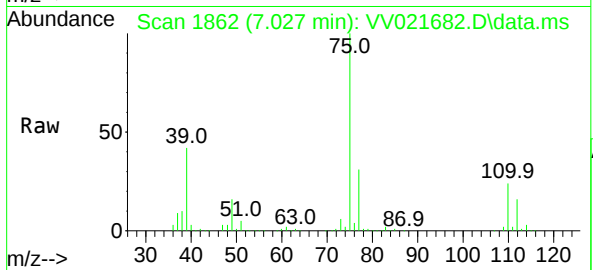




#39
 cis-1,3-Dichloropropene
 Concen: 46.795 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VV021682.D
 Acq: 19 Jul 2021 15:07

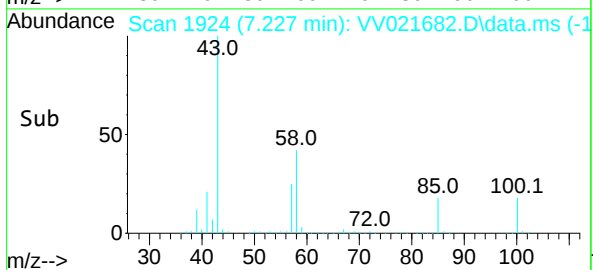
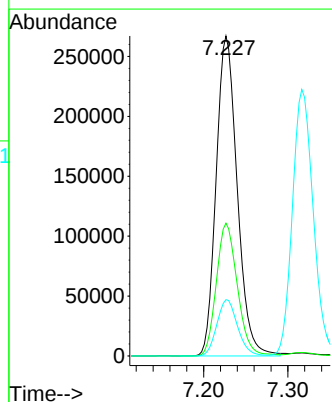
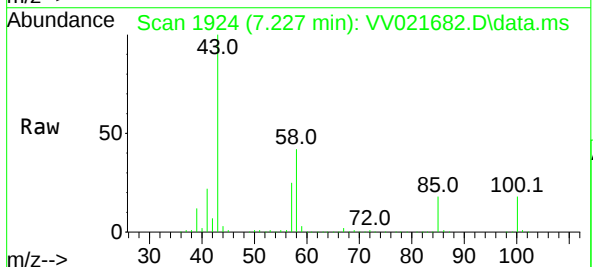
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050230

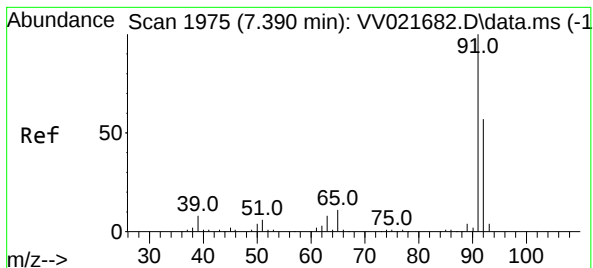
Tgt Ion: 75 Resp: 254505
 Ion Ratio Lower Upper
 75 100
 77 31.3 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 95.435 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VV021682.D
 Acq: 19 Jul 2021 15:07

Tgt Ion: 43 Resp: 462852
 Ion Ratio Lower Upper
 43 100
 58 41.4 33.1 49.7
 100 17.3 13.8 20.8





#42

Toluene

Concen: 47.116 ug/L

RT: 7.390 min Scan# 1975

Delta R.T. 0.000 min

Lab File: VV021682.D

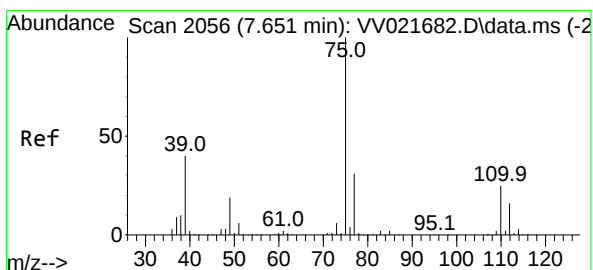
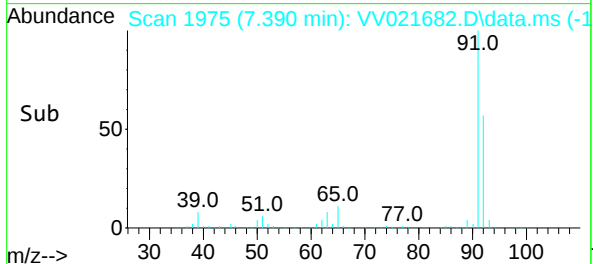
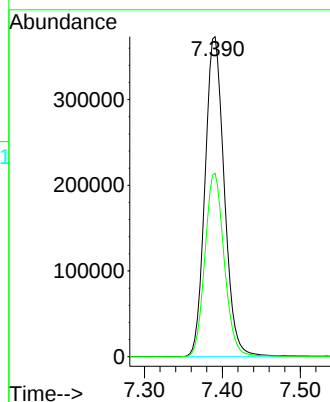
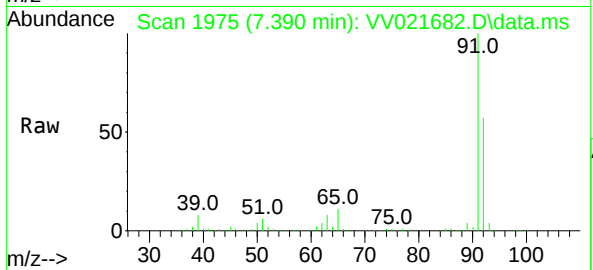
Acq: 19 Jul 2021 15:07

Tgt Ion: 91 Resp: 641115

Ion Ratio Lower Upper

91 100

92 57.4 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 47.226 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV021682.D

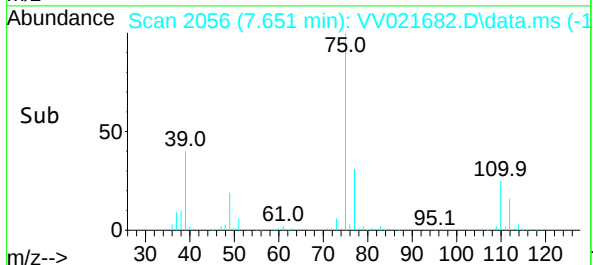
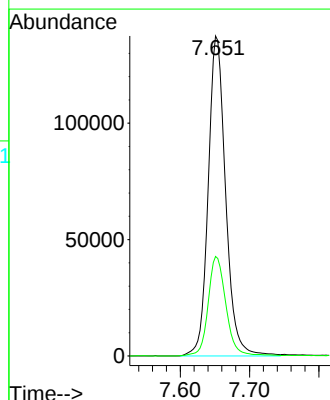
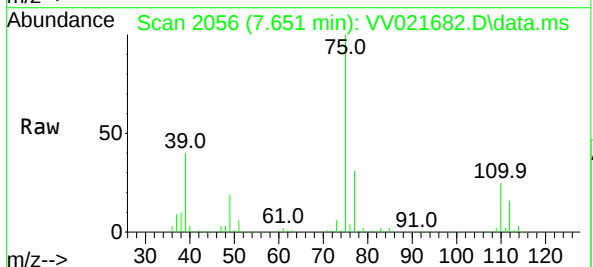
Acq: 19 Jul 2021 15:07

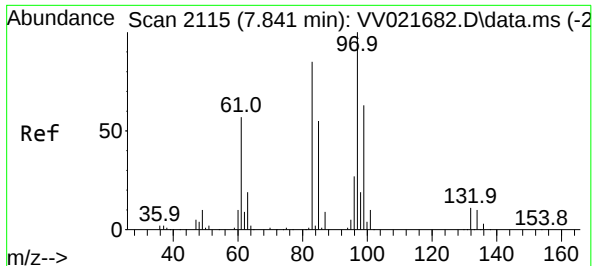
Tgt Ion: 75 Resp: 239711

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.4



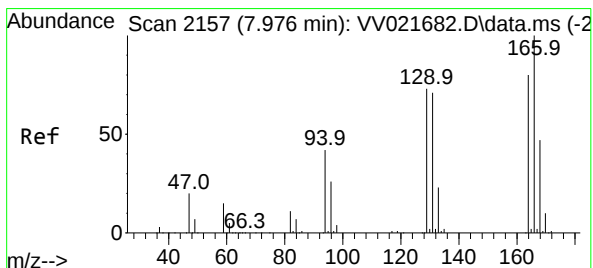
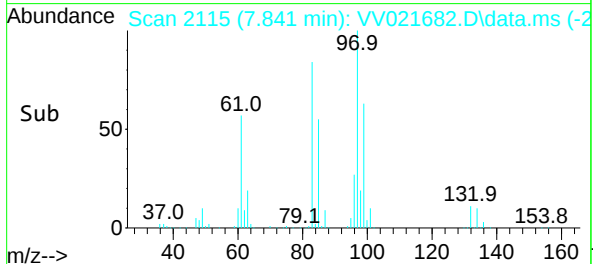
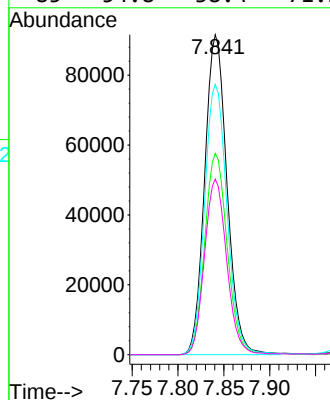
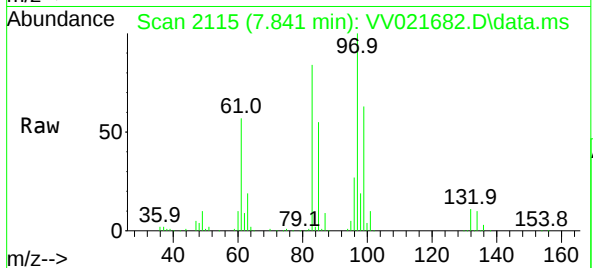


#45
1,1,2-Trichloroethane
Concen: 47.681 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

Instrument :
MSVOA_V
ClientSampleId :
VSTD050230

Tgt Ion: 97 Resp: 155276

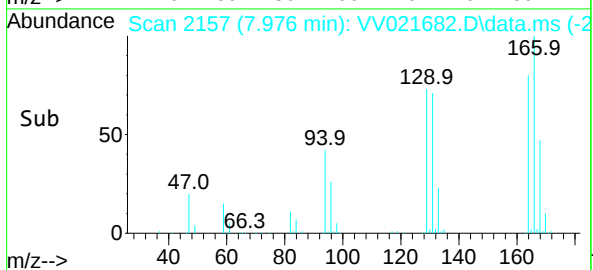
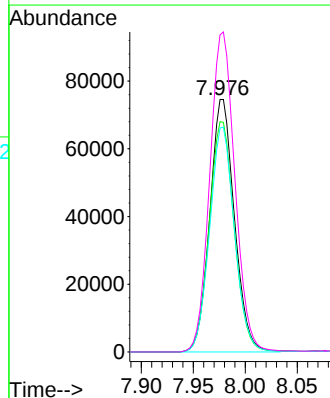
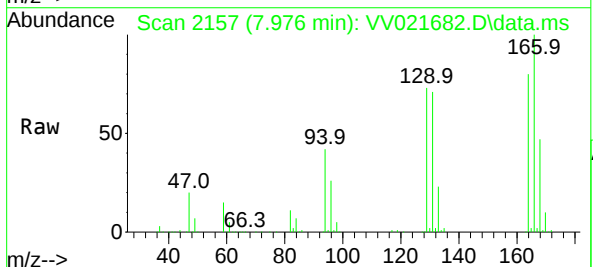
Ion	Ratio	Lower	Upper
97	100		
99	62.9	44.0	81.8
83	84.5	59.1	109.9
85	54.8	38.4	71.2

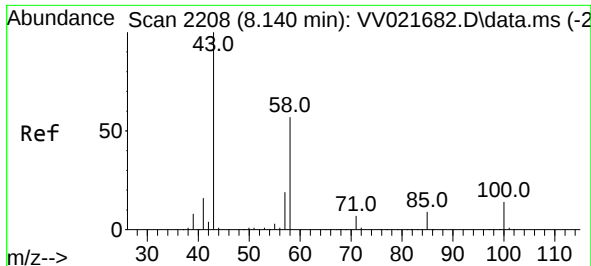


#46
Tetrachloroethene
Concen: 45.171 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

Tgt Ion: 164 Resp: 122889

Ion	Ratio	Lower	Upper
164	100		
129	91.2	63.8	118.6
131	88.7	62.1	115.3
166	125.6	87.9	163.3

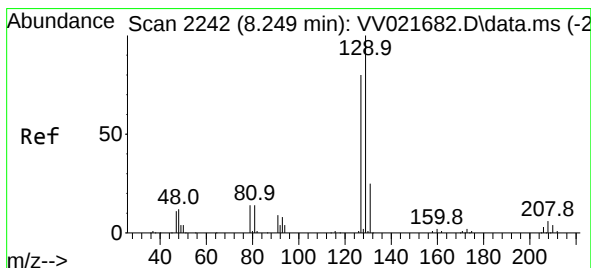
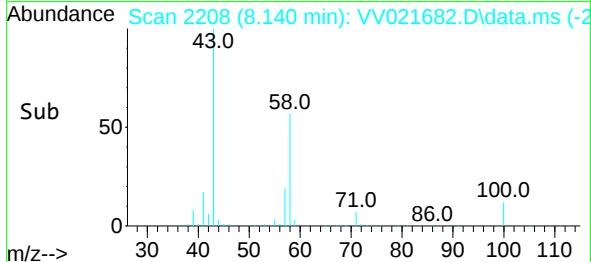
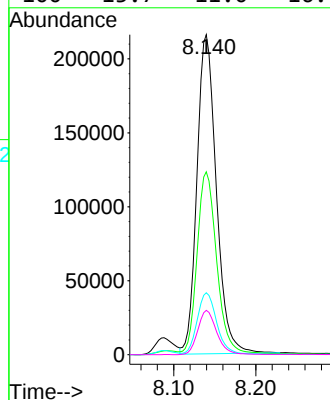
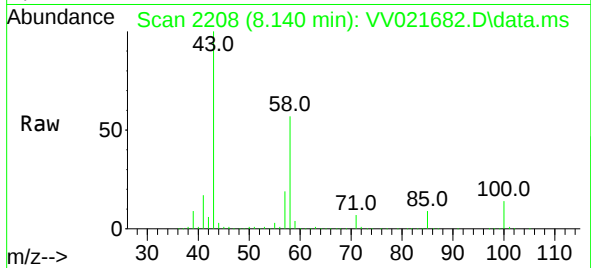




#48
2-Hexanone
Concen: 92.849 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

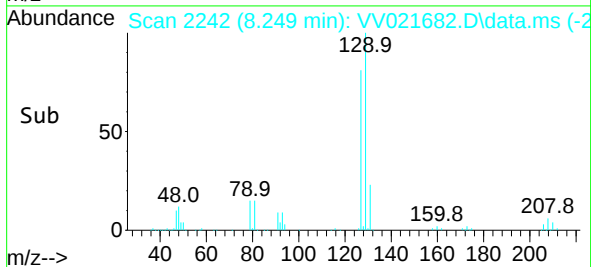
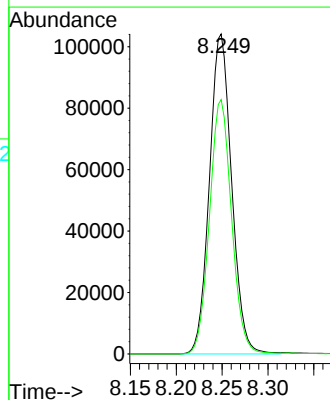
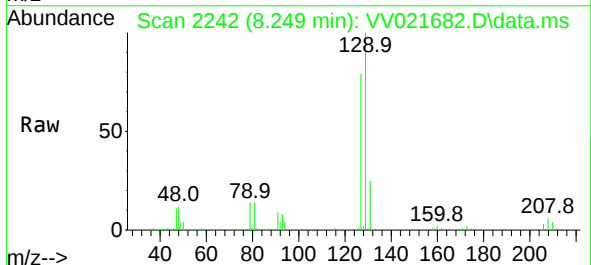
Instrument :
MSVOA_V
ClientSampleId :
VSTD050230

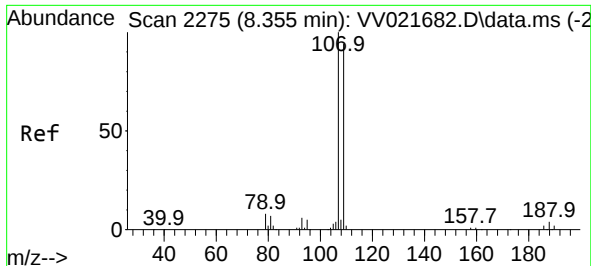
Tgt Ion:	43	Resp:	354367
Ion	Ratio	Lower	Upper
43	100		
58	57.5	46.0	69.0
57	19.5	15.6	23.4
100	13.7	11.0	16.4



#49
Dibromochloromethane
Concen: 47.152 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

Tgt Ion:	129	Resp:	175706
Ion	Ratio	Lower	Upper
129	100		
127	79.5	55.6	103.4

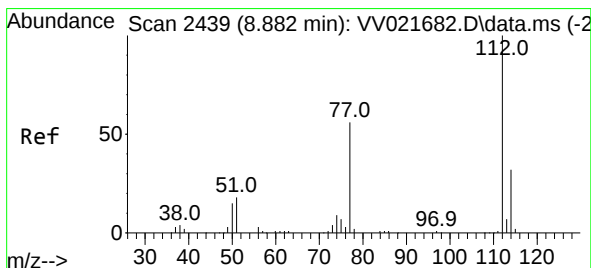
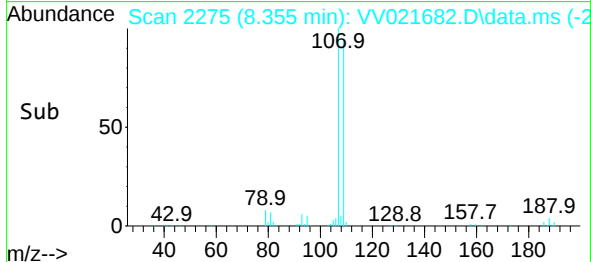
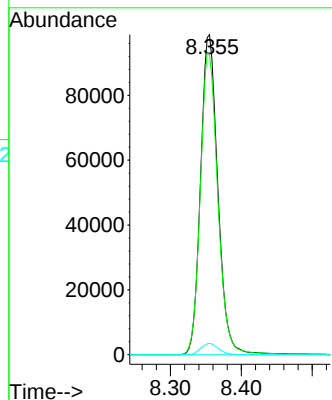
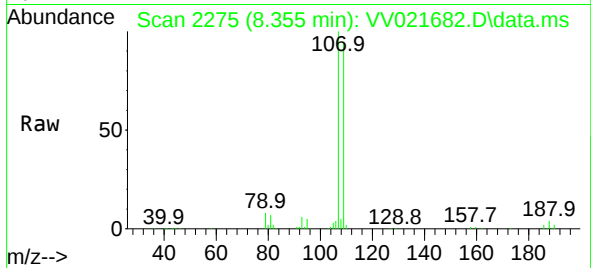




#50
1,2-Dibromoethane
Concen: 46.977 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

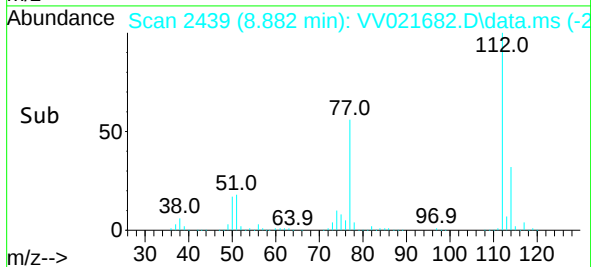
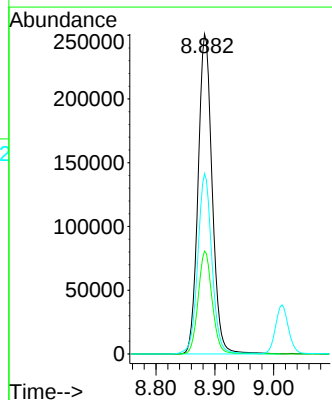
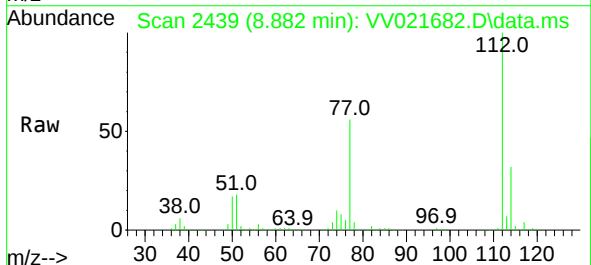
Instrument :
MSVOA_V
ClientSampleId :
VSTD050230

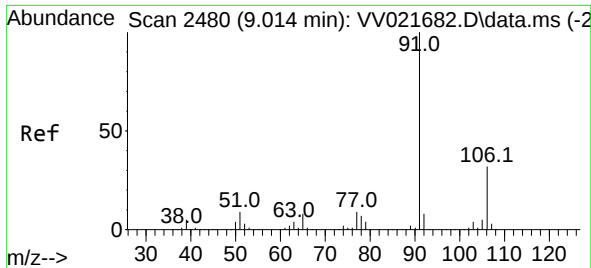
Tgt Ion:107 Resp: 166904
Ion Ratio Lower Upper
107 100
109 93.9 65.7 122.1
188 3.6 2.9 4.3



#51
Chlorobenzene
Concen: 47.007 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

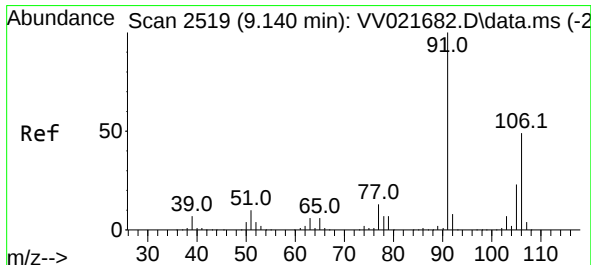
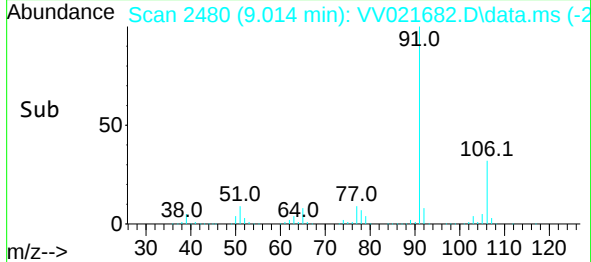
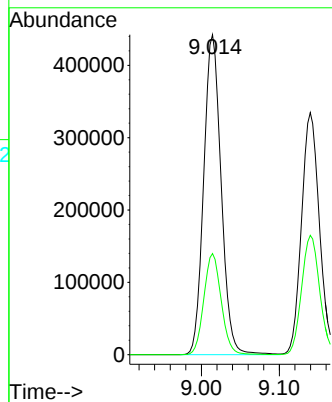
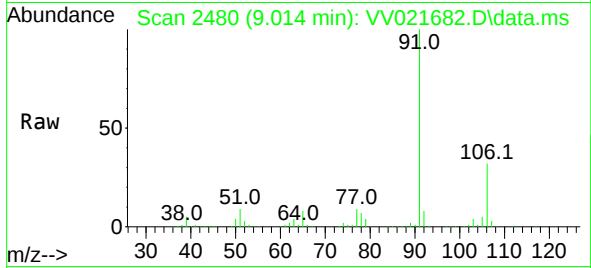
Tgt Ion:112 Resp: 416595
Ion Ratio Lower Upper
112 100
114 32.2 22.5 41.9
77 56.3 45.0 67.6





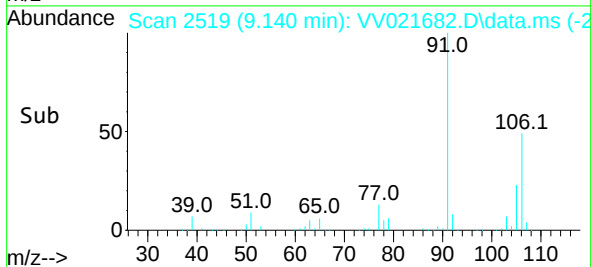
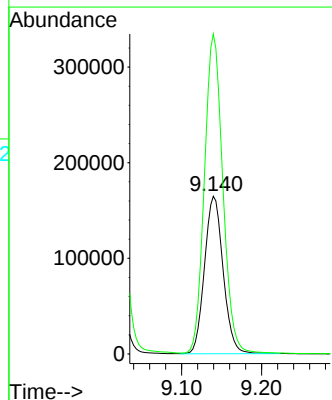
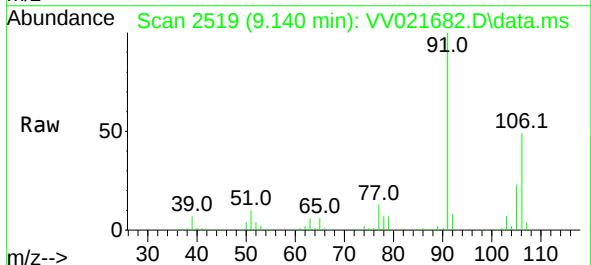
#52
Ethylbenzene
Concen: 46.603 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

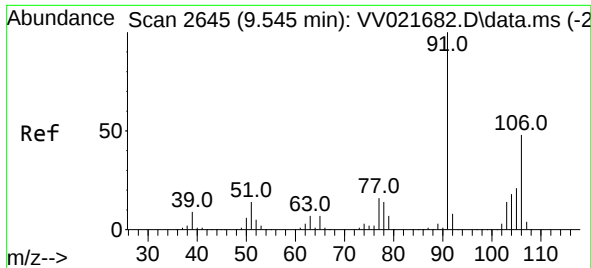
Tgt Ion: 91 Resp: 688135
Ion Ratio Lower Upper
91 100
106 31.6 22.1 41.1



#53
m,p-Xylene
Concen: 47.125 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

Tgt Ion: 106 Resp: 267073
Ion Ratio Lower Upper
106 100
91 202.8 142.0 263.6

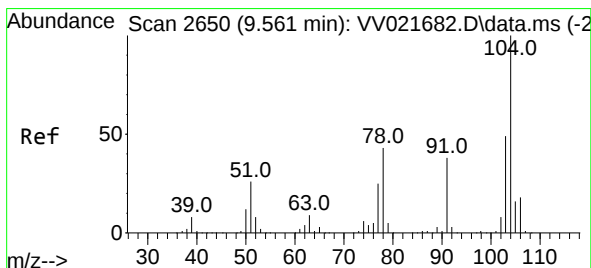
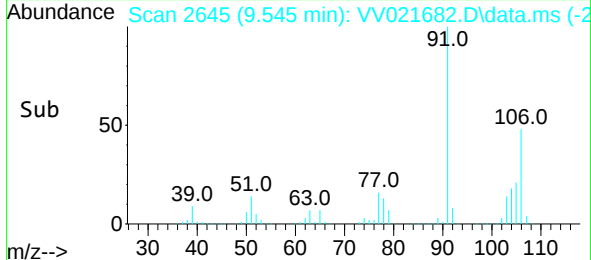
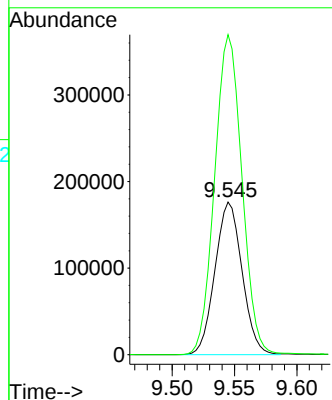
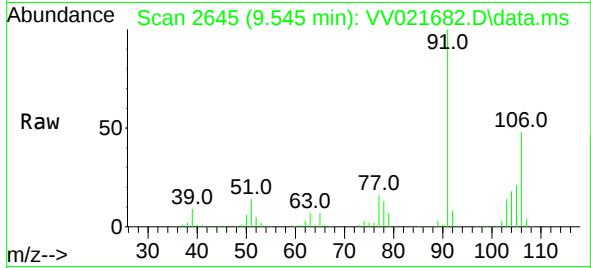




#54
o-Xylene
Concen: 47.170 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

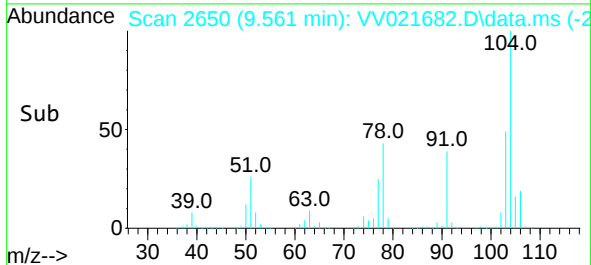
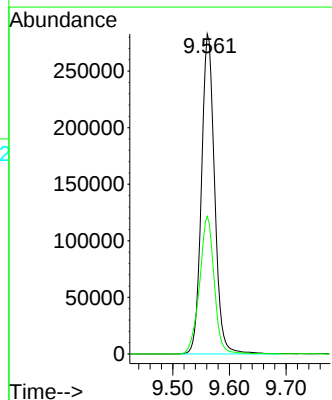
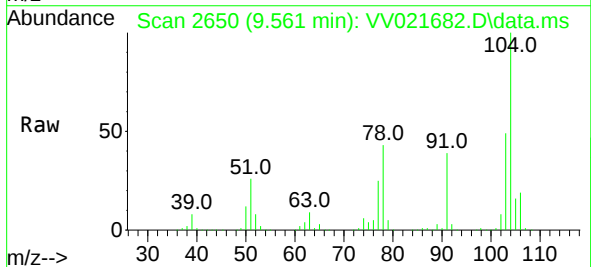
Instrument :
MSVOA_V
ClientSampleId :
VSTD050230

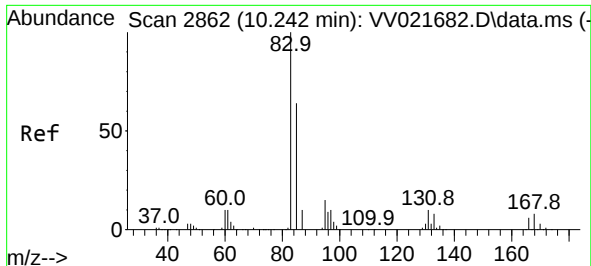
Tgt Ion:106 Resp: 266847
Ion Ratio Lower Upper
106 100
91 209.7 146.8 272.6



#55
Styrene
Concen: 47.718 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

Tgt Ion:104 Resp: 456844
Ion Ratio Lower Upper
104 100
78 43.0 30.1 55.9

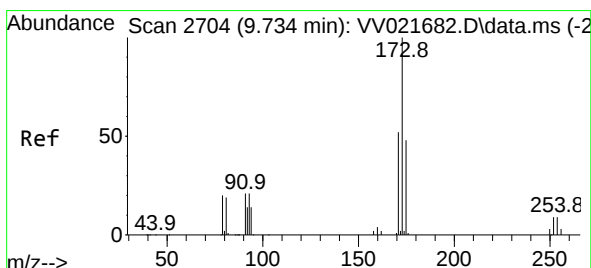
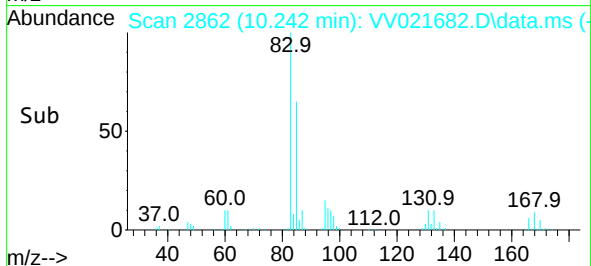
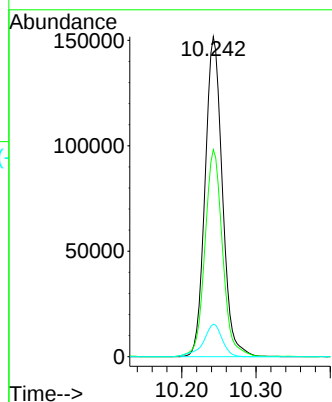
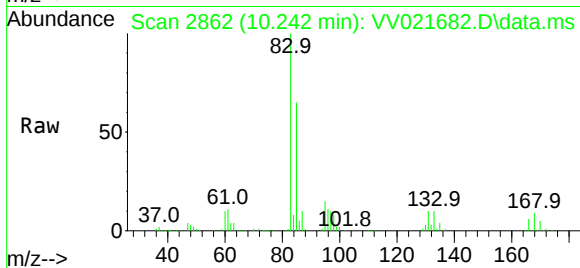




#57
1,1,2,2-Tetrachloroethane
Concen: 48.308 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

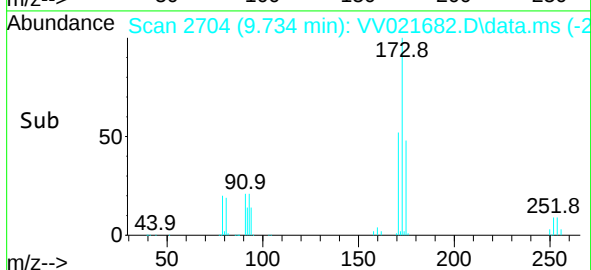
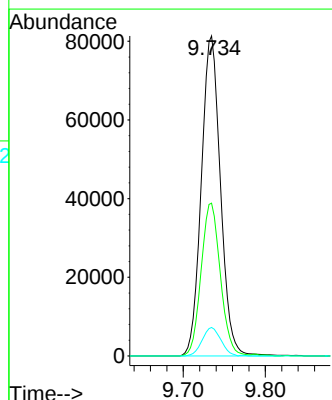
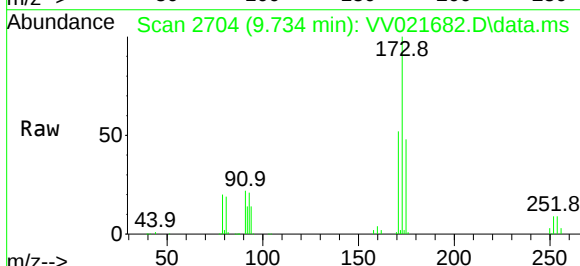
Instrument :
MSVOA_V
ClientSampleId :
VSTD050230

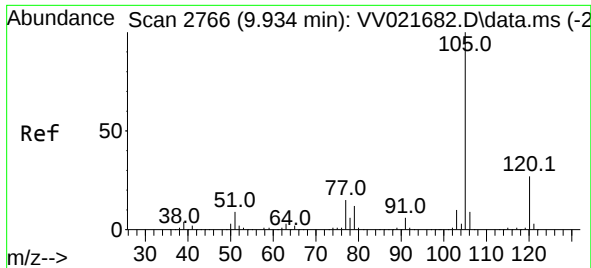
Tgt Ion: 83 Resp: 244580
Ion Ratio Lower Upper
83 100
85 64.7 45.3 84.1
131 10.2 8.2 12.2



#59
Bromoform
Concen: 48.273 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

Tgt Ion: 173 Resp: 131984
Ion Ratio Lower Upper
173 100
175 47.9 38.3 57.5
254 8.7 7.0 10.4

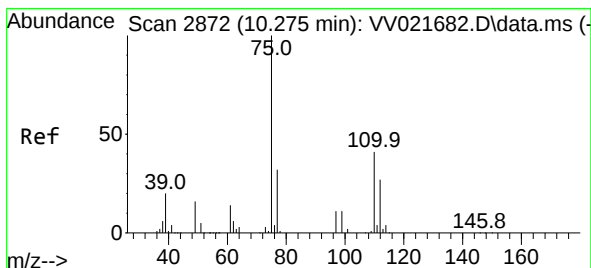
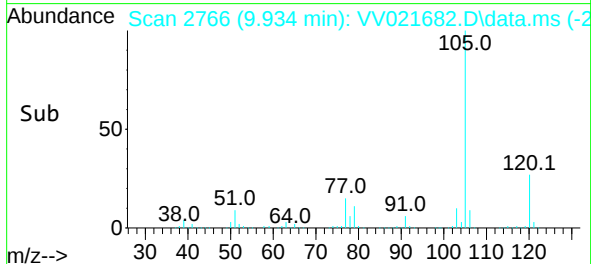
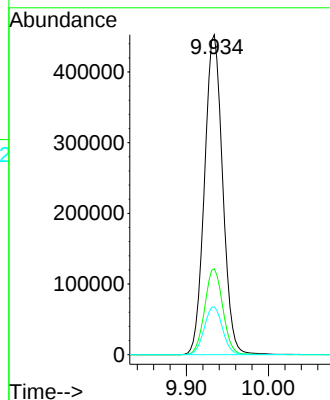
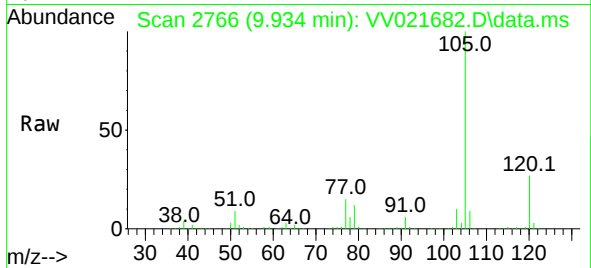




#60
Isopropylbenzene
Concen: 47.821 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

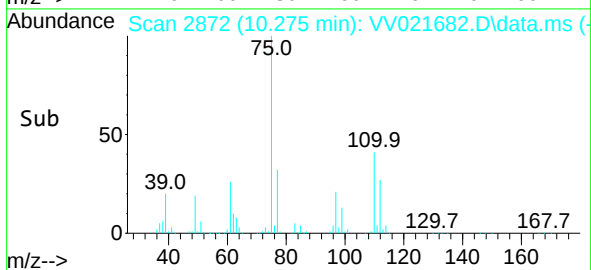
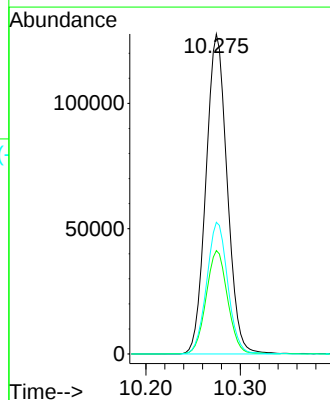
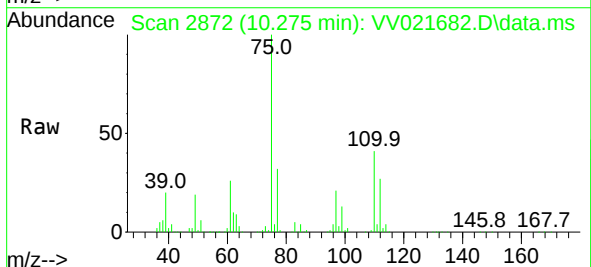
Instrument :
MSVOA_V
ClientSampleId :
VSTD050230

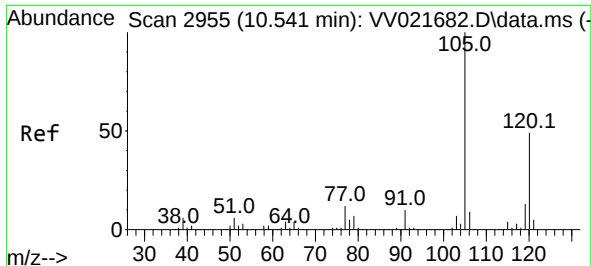
Tgt Ion:105 Resp: 696240
Ion Ratio Lower Upper
105 100
120 26.9 21.5 32.3
77 15.2 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 48.068 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

Tgt Ion: 75 Resp: 198765
Ion Ratio Lower Upper
75 100
77 32.6 26.1 39.1
110 41.1 32.9 49.3

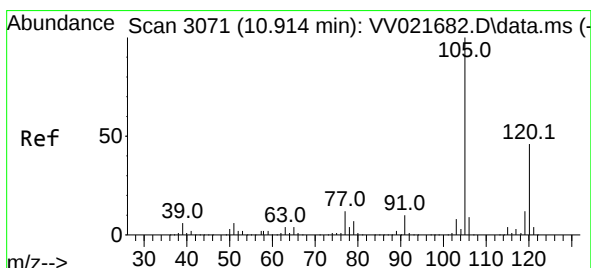
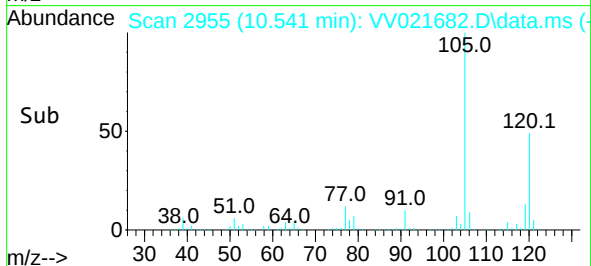
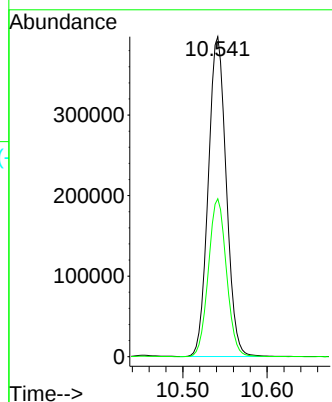
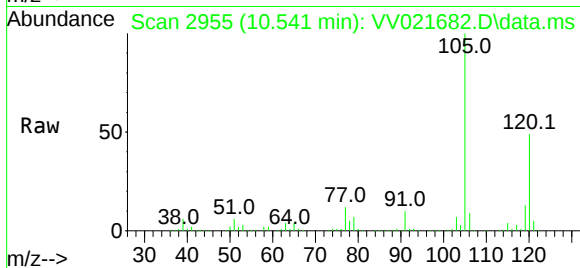




#62
1,3,5-Trimethylbenzene
Concen: 47.606 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

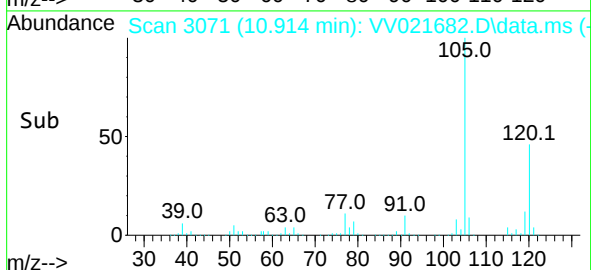
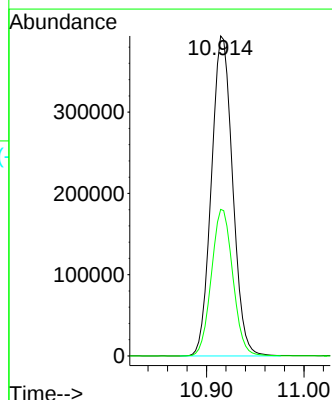
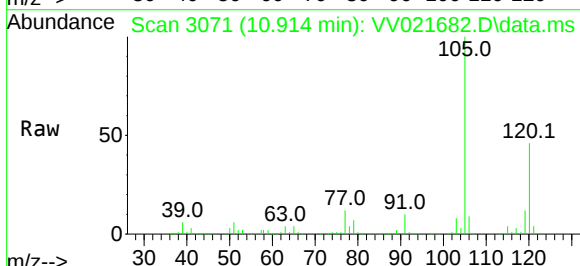
Instrument :
MSVOA_V
ClientSampleId :
VSTD050230

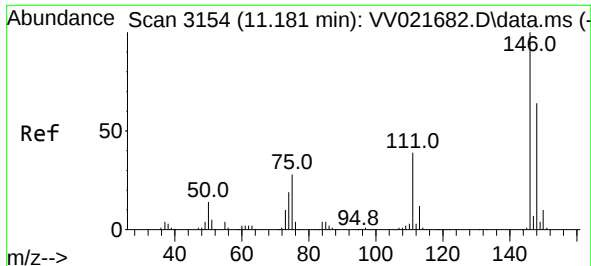
Tgt Ion:105 Resp: 590460
Ion Ratio Lower Upper
105 100
120 49.6 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 47.535 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

Tgt Ion:105 Resp: 595768
Ion Ratio Lower Upper
105 100
120 46.2 37.0 55.4

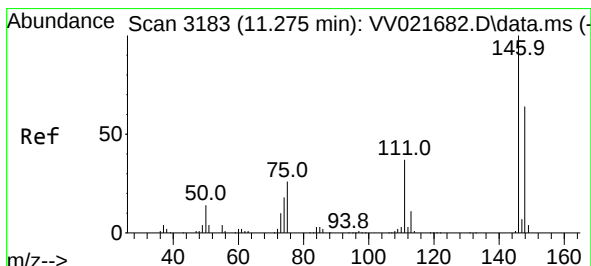
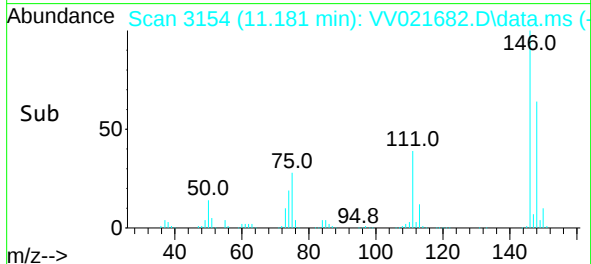
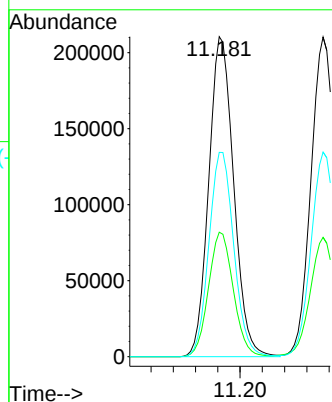
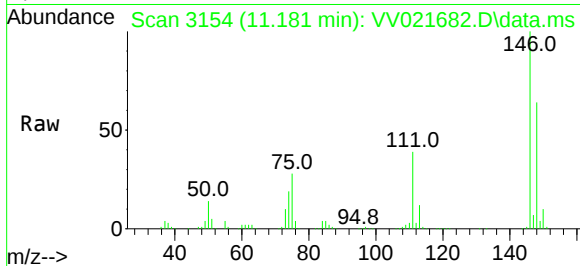




#64
1,3-Dichlorobenzene
Concen: 47.744 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

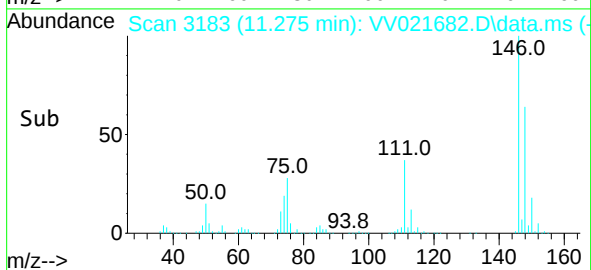
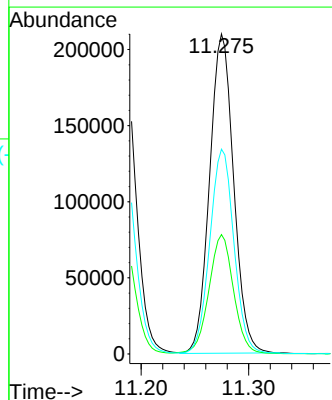
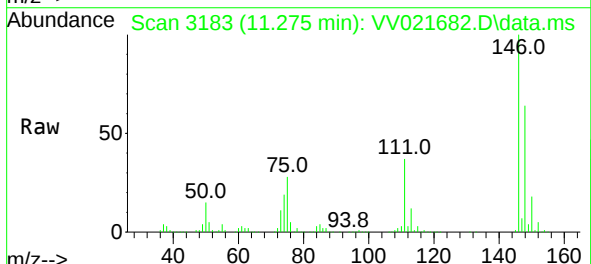
Instrument :
MSVOA_V
ClientSampleId :
VSTD050230

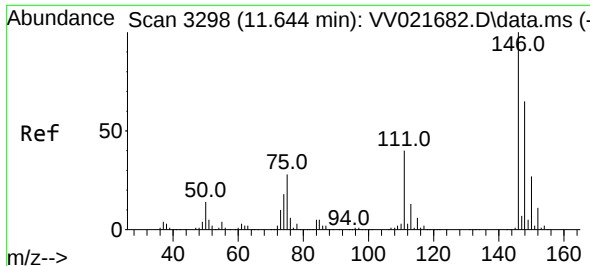
Tgt Ion:146 Resp: 327061
Ion Ratio Lower Upper
146 100
111 38.9 27.2 50.6
148 63.8 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 47.422 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

Tgt Ion:146 Resp: 325379
Ion Ratio Lower Upper
146 100
111 37.3 26.1 48.5
148 64.0 44.8 83.2

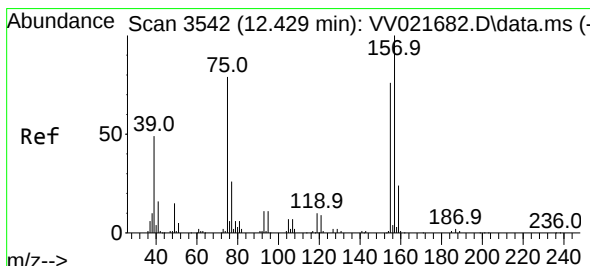
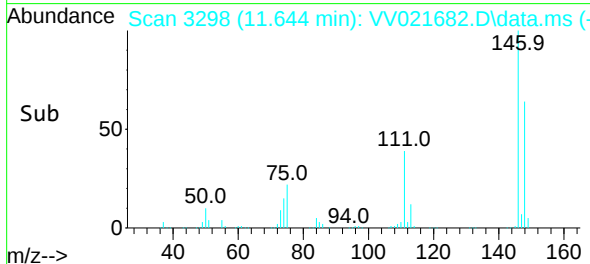
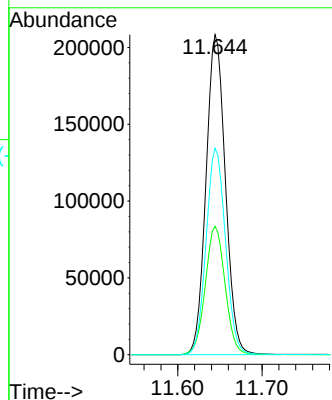
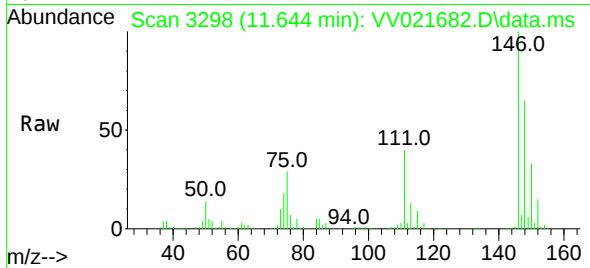




#67
1,2-Dichlorobenzene
Concen: 48.528 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

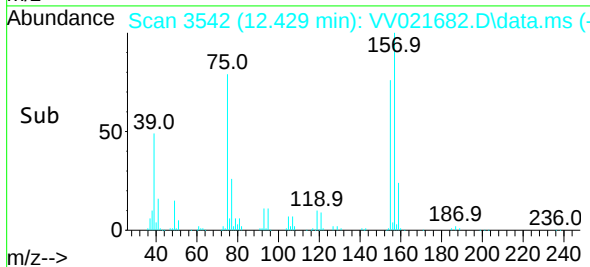
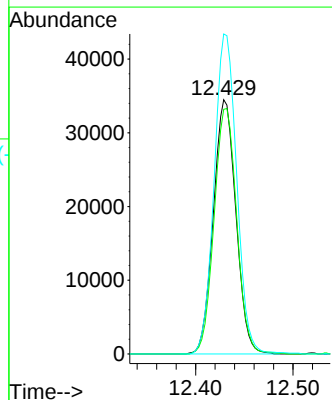
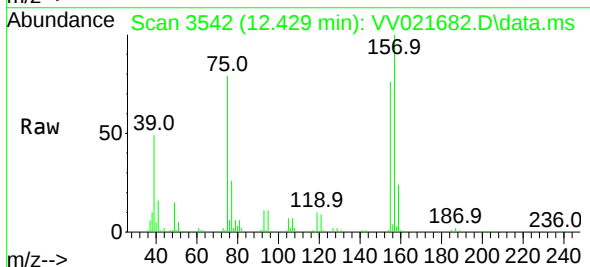
Instrument :
MSVOA_V
ClientSampleId :
VSTD050230

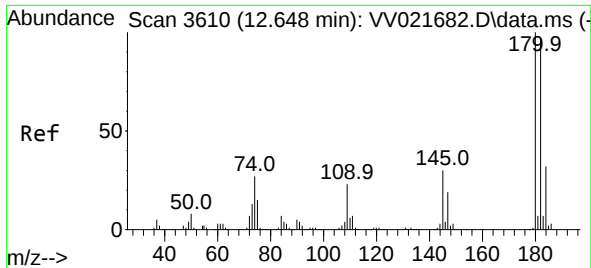
Tgt Ion:146 Resp: 333719
Ion Ratio Lower Upper
146 100
111 40.1 32.1 48.1
148 64.5 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 46.006 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

Tgt Ion: 75 Resp: 55450
Ion Ratio Lower Upper
75 100
155 96.2 77.0 115.4
157 125.9 100.7 151.1

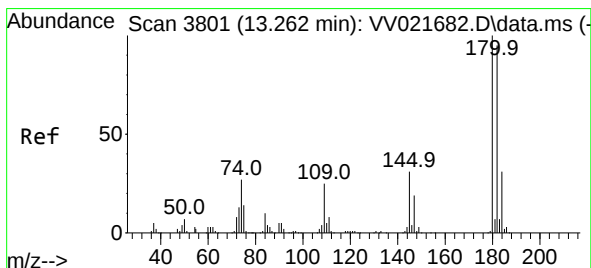
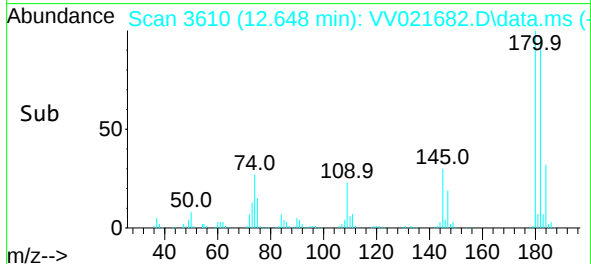
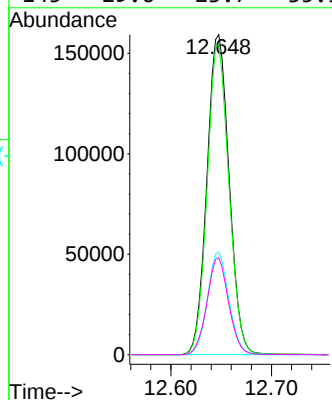
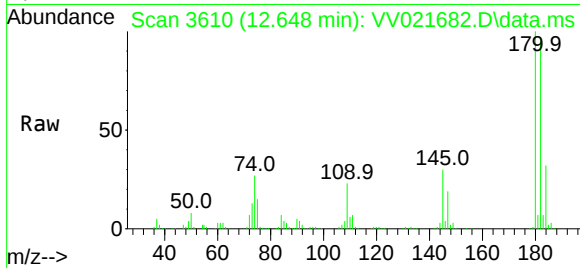




#69
1,3,5-Trichlorobenzene
Concen: 47.777 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

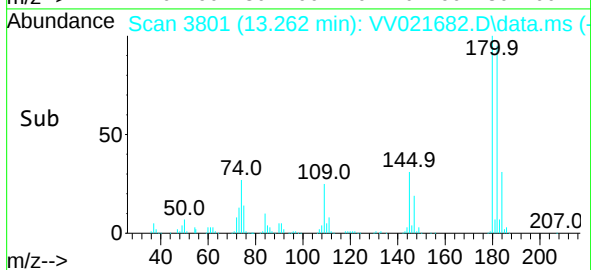
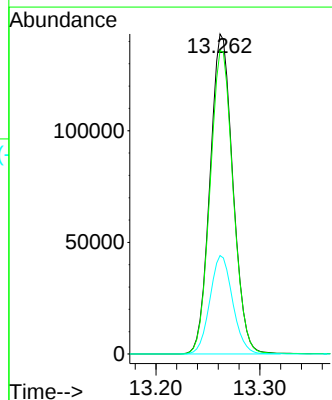
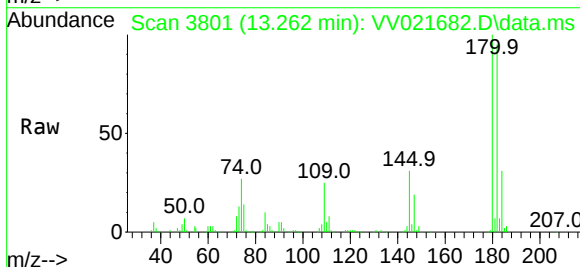
Instrument :
MSVOA_V
ClientSampleId :
VSTD050230

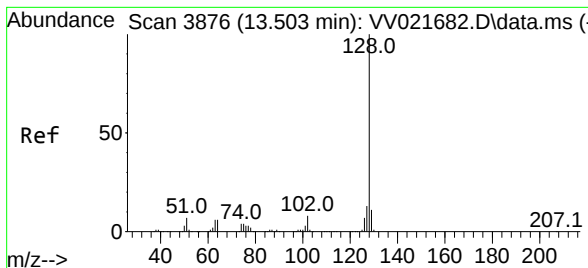
Tgt Ion:180	Resp: 244257
Ion Ratio	Lower Upper
180 100	
182 94.9	75.9 113.9
184 31.1	24.9 37.3
145 29.6	23.7 35.5



#70
1,2,4-trichlorobenzene
Concen: 49.594 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

Tgt Ion:180	Resp: 218698
Ion Ratio	Lower Upper
180 100	
182 95.9	76.7 115.1
145 30.6	24.5 36.7

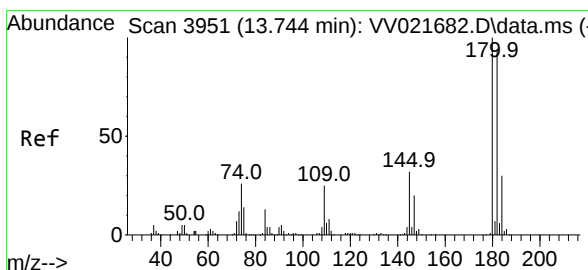
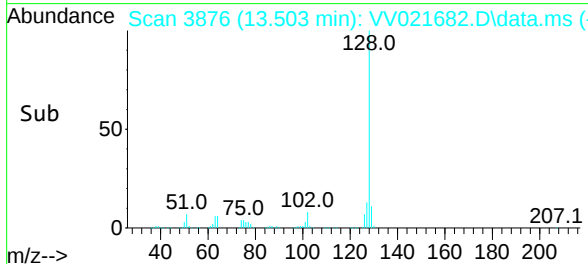
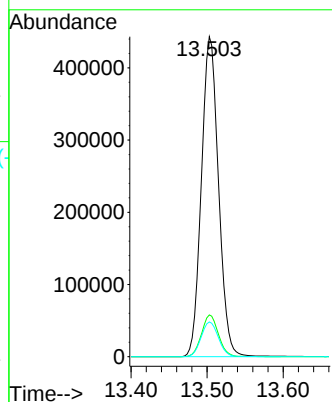
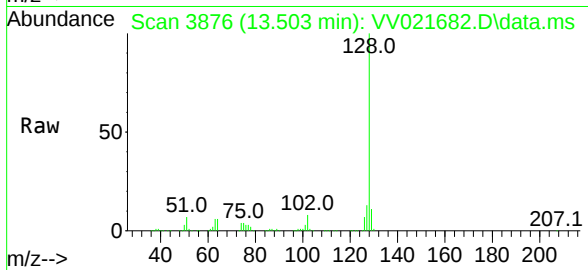




#71
Naphthalene
Concen: 51.577 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

Instrument :
MSVOA_V
ClientSampleId :
VSTD050230

Tgt Ion:128 Resp: 693438
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 51.516 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV021682.D
Acq: 19 Jul 2021 15:07

Tgt Ion:180 Resp: 225848
Ion Ratio Lower Upper
180 100
182 94.8 75.8 113.8
145 31.9 25.5 38.3

