

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031921\
 Data File : VW020685.D
 Acq On : 19 Mar 2021 12:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05084

Quant Time: Mar 20 00:13:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 19 03:58:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	428526	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	424961	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	227455	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	173103	50.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 100.16%			
7) Chloroethane-d5	1.571	69	124656	45.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.16%			
11) 1,1-Dichloroethene-d2	2.111	63	294401	44.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.62%			
21) 2-Butanone-d5	3.899	46	220695	99.48	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.48%			
24) Chloroform-d	4.352	84	294773	49.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.12%			
26) 1,2-Dichloroethane-d4	5.034	65	194818	49.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.28%			
32) Benzene-d6	5.053	84	560826	47.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.52%			
36) 1,2-Dichloropropane-d6	6.072	67	178661	47.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.12%			
41) Toluene-d8	7.317	98	525362	50.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.68%			
43) trans-1,3-Dichloroprop...	7.622	79	90346	51.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.92%			
47) 2-Hexanone-d5	8.092	63	155009	110.29	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.29%			
57) 1,1,2,2-Tetrachloroeth...	10.220	84	259606	55.30	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 110.60%			
64) 1,2-Dichlorobenzene-d4	11.632	152	208075	47.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.42%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	187444	52.98	ug/L	99
3) Chloromethane	1.243	50	204898	50.06	ug/L	99
5) Vinyl chloride	1.314	62	198475	48.37	ug/L	100
6) Bromomethane	1.526	94	104274	43.14	ug/L	96
8) Chloroethane	1.587	64	109199	43.86	ug/L	98
9) Trichlorofluoromethane	1.754	101	268409	49.09	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	140125	47.00	ug/L	96
12) 1,1-Dichloroethene	2.121	96	124431	43.01	ug/L	91
13) Acetone	2.191	43	191749	105.82	ug/L	97
14) Carbon disulfide	2.298	76	409339	46.67	ug/L	99
15) Methyl Acetate	2.439	43	176935	50.98	ug/L	98
16) Methylene chloride	2.510	84	162257	48.41	ug/L	97
17) trans-1,2-Dichloroethene	2.764	96	149351	48.33	ug/L	96
18) Methyl tert-butyl Ether	2.770	73	469570	49.96	ug/L	99
19) 1,1-Dichloroethane	3.191	63	282832	47.97	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	161199	50.53	ug/L #	89
22) 2-Butanone	3.979	43	262954	104.91	ug/L	93
23) Bromochloromethane	4.252	128	82837	52.04	ug/L	97
25) Chloroform	4.378	83	291185	47.28	ug/L	99

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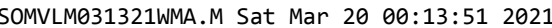
Instrument :
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 ClientSampleId :
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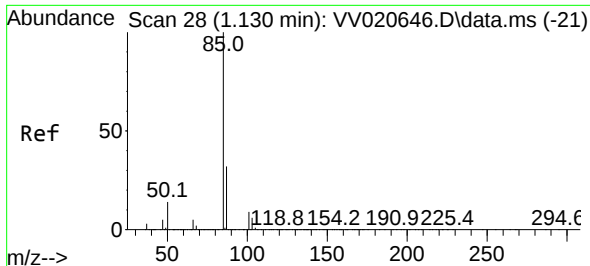
Quant Time: Mar 20 00:13:41 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	236330	48.58	ug/L	99
29) Cyclohexane	4.680	56	250851	48.20	ug/L	98
30) 1,1,1-Trichloroethane	4.613	97	258437	50.32	ug/L	99
31) Carbon tetrachloride	4.831	117	219760	52.66	ug/L	98
33) Benzene	5.101	78	633778	49.43	ug/L	100
34) Trichloroethene	5.918	95	162011	44.78	ug/L	99
35) Methylcyclohexane	6.133	83	248318	49.94	ug/L	99
37) 1,2-Dichloropropane	6.178	63	166547	49.75	ug/L	99
38) Bromodichloromethane	6.513	83	221659	50.28	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	252172	50.78	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	516300	102.53	ug/L	98
42) Toluene	7.391	91	691237	51.64	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	256822	52.61	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	162667	52.14	ug/L	97
46) Tetrachloroethene	7.979	164	126278	54.40	ug/L	96
48) 2-Hexanone	8.143	43	405651	103.14	ug/L	99
49) Dibromochloromethane	8.249	129	171074	52.67	ug/L	100
50) 1,2-Dibromoethane	8.355	107	169155	50.63	ug/L	98
51) Chlorobenzene	8.886	112	434732	50.21	ug/L	99
52) Ethylbenzene	9.014	91	772062	50.95	ug/L	100
53) m,p-Xylene	9.143	106	288797	52.19	ug/L	95
54) o-xylene	9.548	106	276699	51.65	ug/L	100
55) Styrene	9.564	104	507699	54.27	ug/L	96
56) Isopropylbenzene	9.937	105	749646	51.72	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	277378	59.87	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	219683	51.78	ug/L	99
61) Bromoform	9.735	173	115683	51.32	ug/L	100
62) 1,3-Dichlorobenzene	11.185	146	364609	50.48	ug/L	95
63) 1,4-Dichlorobenzene	11.278	146	367243	48.71	ug/L	99
65) 1,2-Dichlorobenzene	11.648	146	356223	49.54	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.435	75	58643	54.01	ug/L	93
67) 1,3,5-Trichlorobenzene	12.651	180	263158	51.16	ug/L	98
68) 1,2,4-trichlorobenzene	13.268	180	235317	52.69	ug/L	98
69) Naphthalene	13.509	128	792291	54.56	ug/L	99
70) 1,2,3-Trichlorobenzene	13.750	180	235611	53.22	ug/L	99

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

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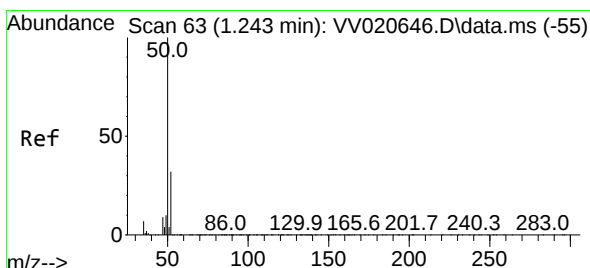
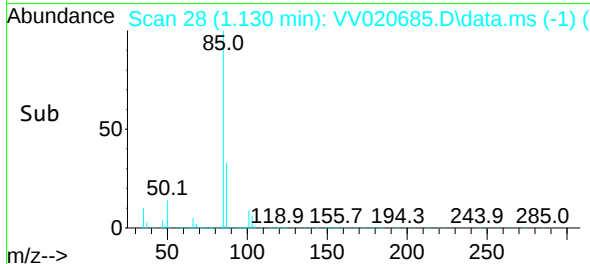
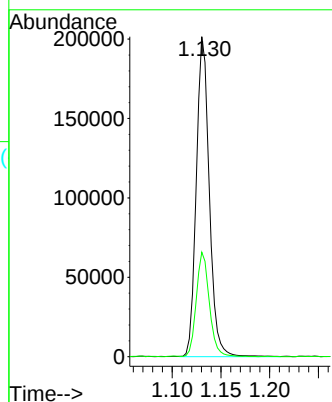
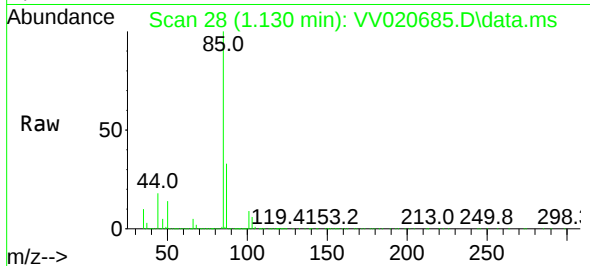




#2
Dichlorodifluoromethane
Concen: 52.98 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.000 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

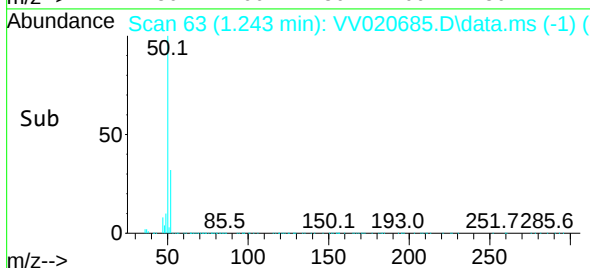
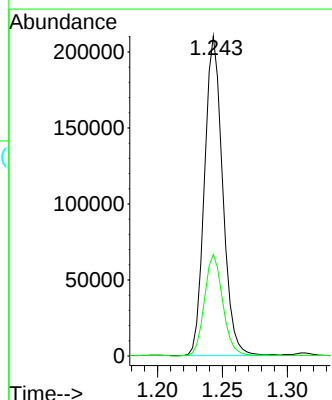
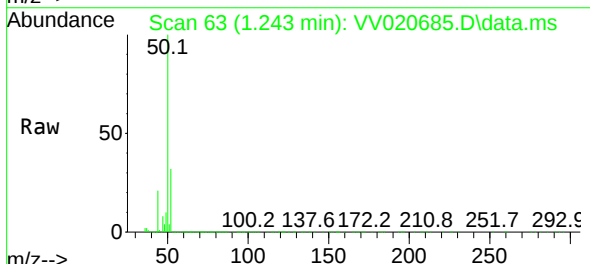
Instrument :
MSVOA_V
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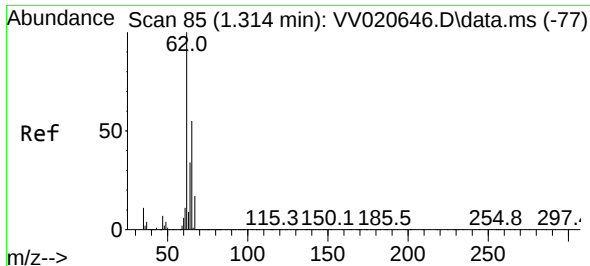
Tgt Ion: 85 Resp: 187444
Ion Ratio Lower Upper
85 100
87 32.8 25.9 38.9



#3
Chloromethane
Concen: 50.06 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.000 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

Tgt Ion: 50 Resp: 204898
Ion Ratio Lower Upper
50 100
52 31.8 22.7 42.1

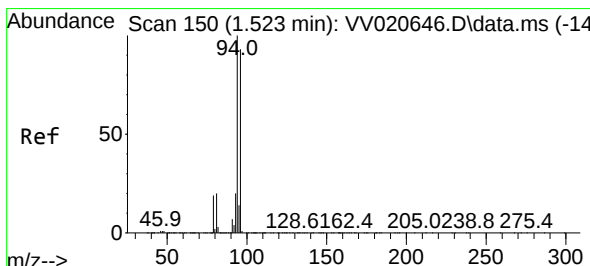
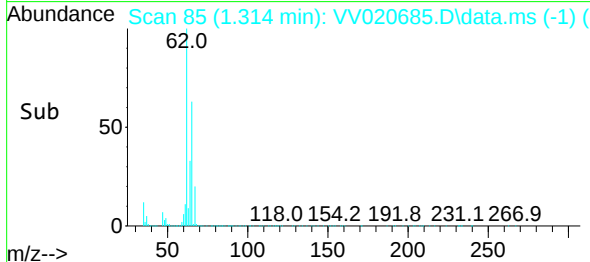
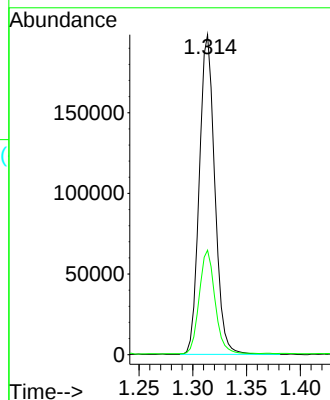
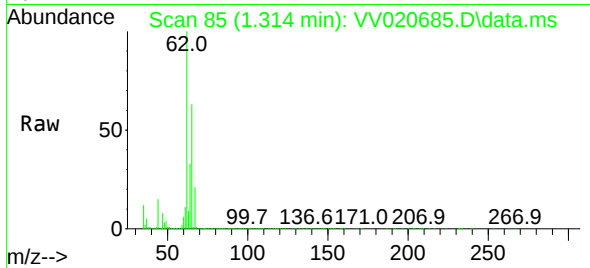




#5
 Vinyl chloride
 Concen: 48.37 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV020685.D
 Acq: 19 Mar 2021 12:27

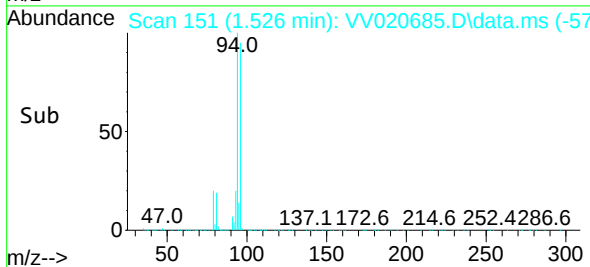
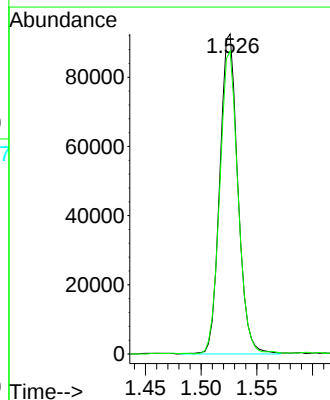
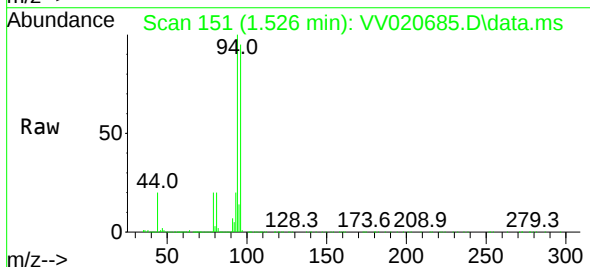
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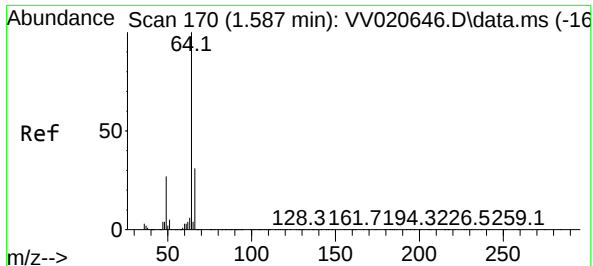
Tgt Ion: 62 Resp: 198475
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.0 42.6



#6
 Bromomethane
 Concen: 43.14 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV020685.D
 Acq: 19 Mar 2021 12:27

Tgt Ion: 94 Resp: 104274
 Ion Ratio Lower Upper
 94 100
 96 94.6 63.6 118.2

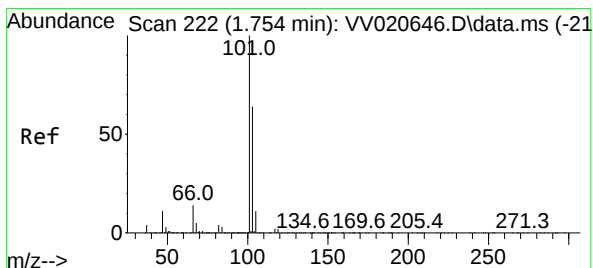
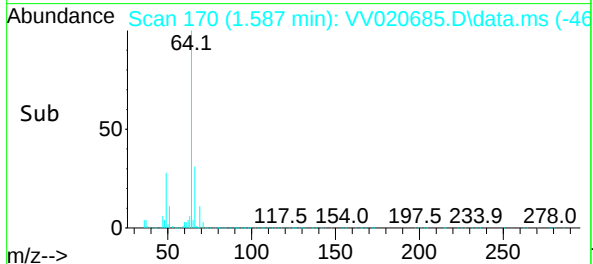
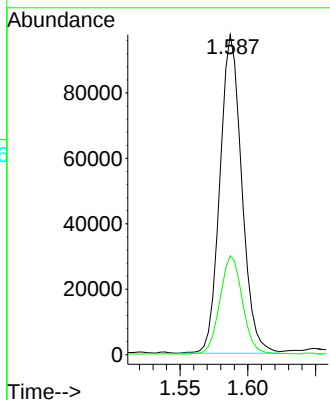
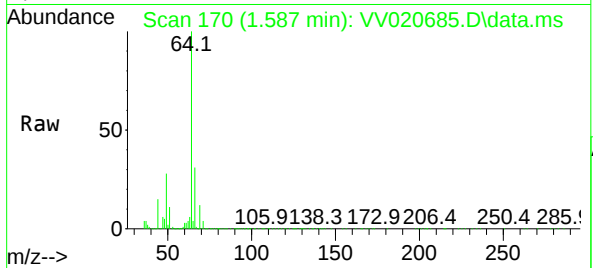




#8
Chloroethane
Concen: 43.86 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

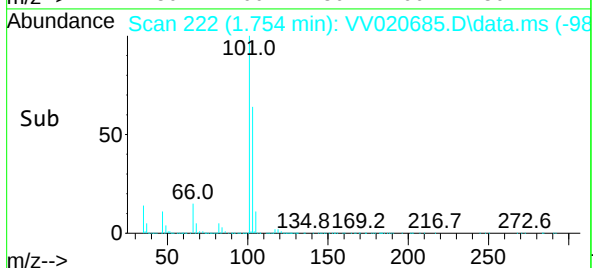
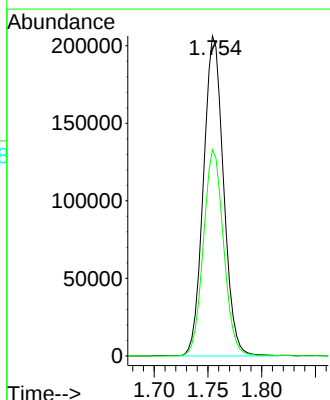
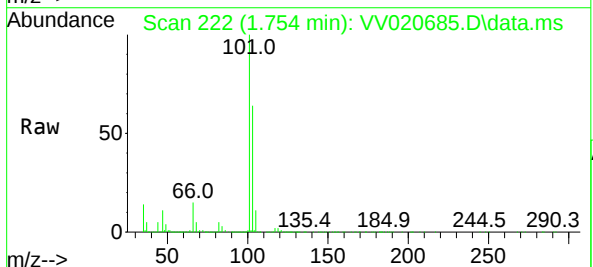
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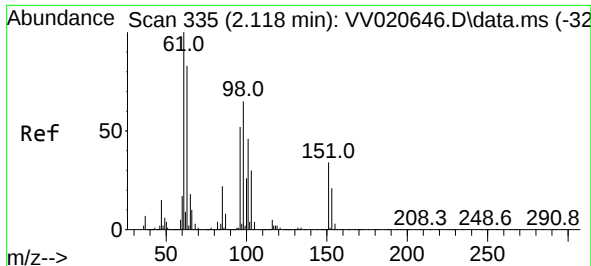
Tgt Ion: 64 Resp: 109199
Ion Ratio Lower Upper
64 100
66 30.9 22.4 41.6



#9
Trichlorofluoromethane
Concen: 49.09 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

Tgt Ion: 101 Resp: 268409
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

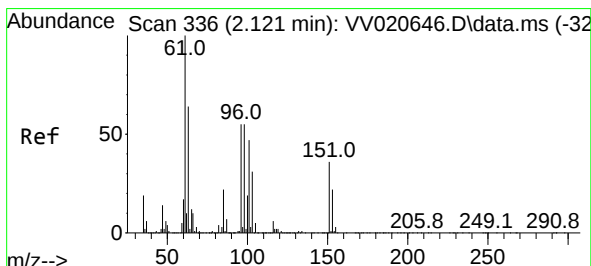
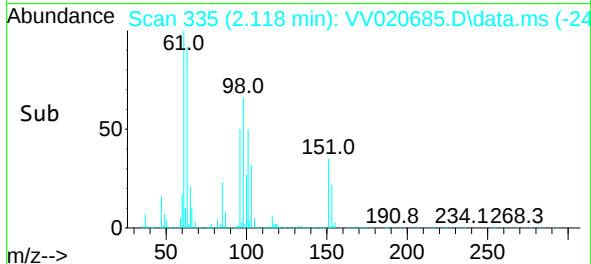
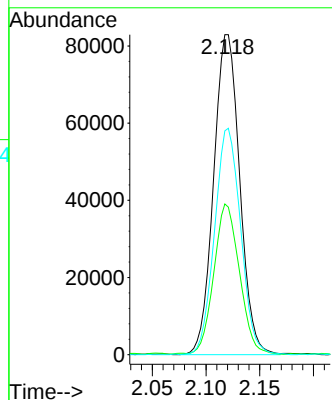
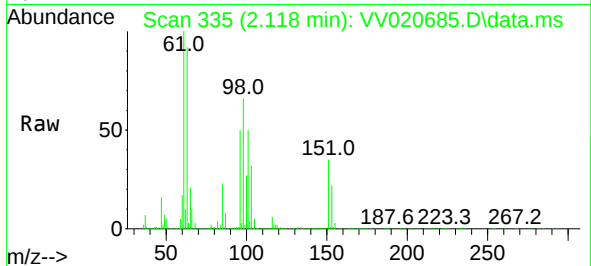




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 47.00 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

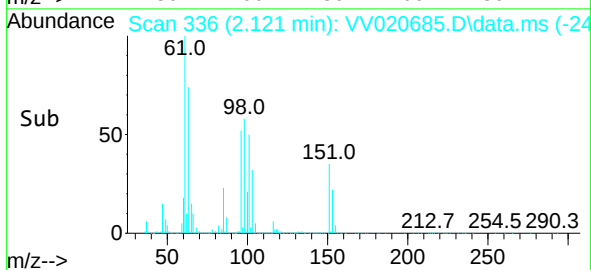
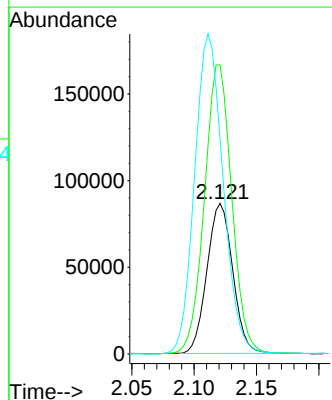
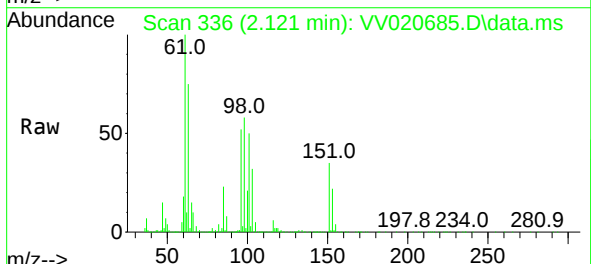
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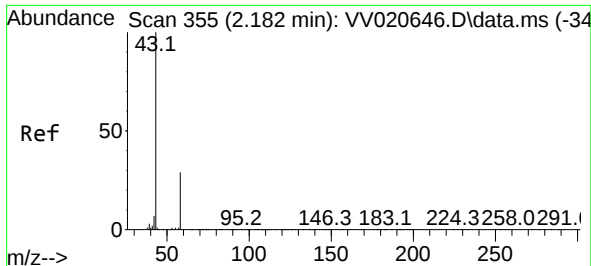
Tgt Ion:101 Resp: 140125
Ion Ratio Lower Upper
101 100
85 46.1 35.3 52.9
151 71.0 53.6 80.4



#12
1,1-Dichloroethene
Concen: 43.01 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.000 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

Tgt Ion: 96 Resp: 124431
Ion Ratio Lower Upper
96 100
61 192.0 134.9 250.5
63 143.1 117.6 218.4

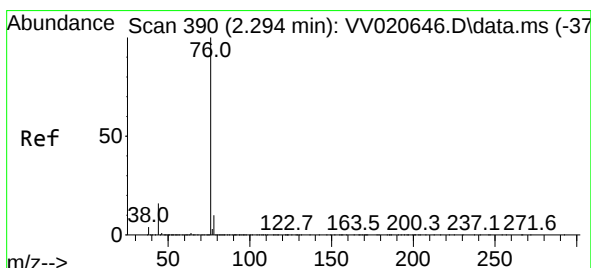
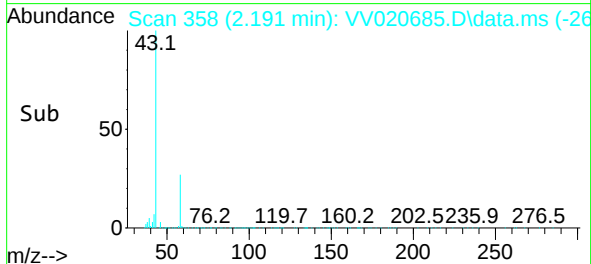
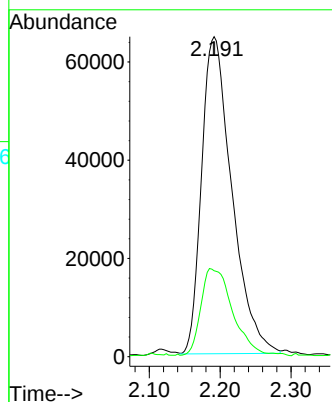
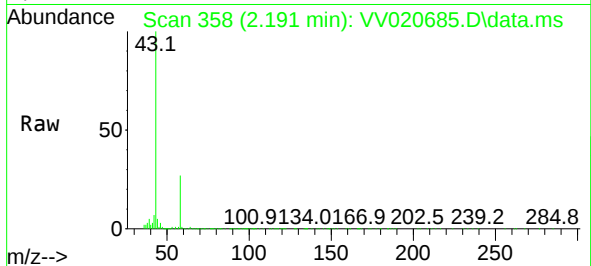




#13
Acetone
Concen: 105.82 ug/L
RT: 2.191 min Scan# 358
Delta R.T. 0.003 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

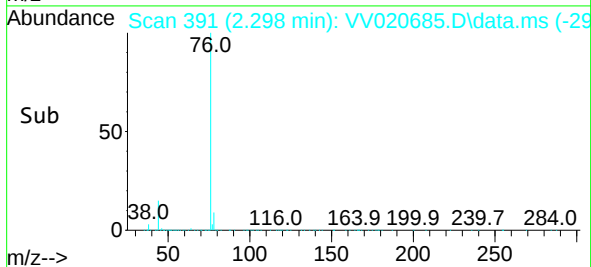
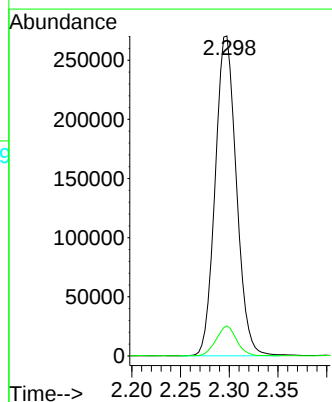
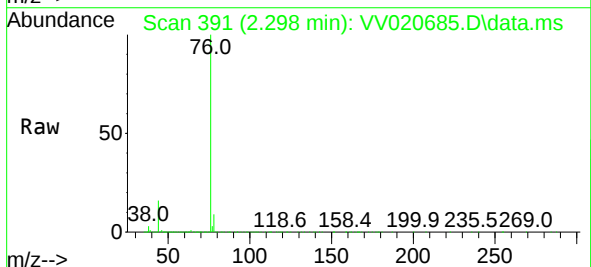
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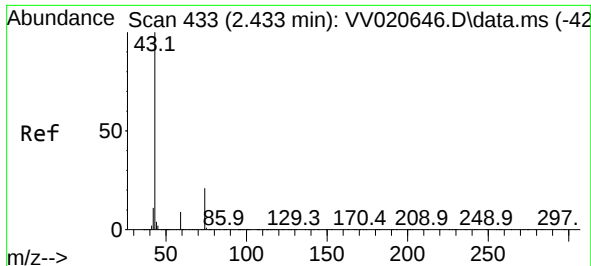
Tgt Ion: 43 Resp: 191749
Ion Ratio Lower Upper
43 100
58 28.3 0.0 60.2



#14
Carbon disulfide
Concen: 46.67 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

Tgt Ion: 76 Resp: 409339
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

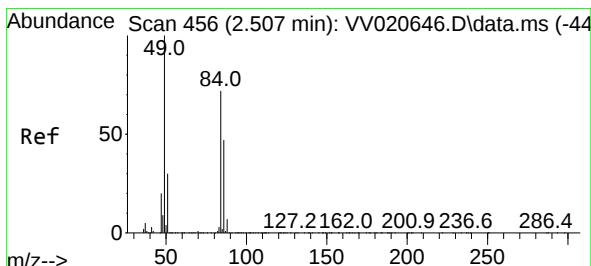
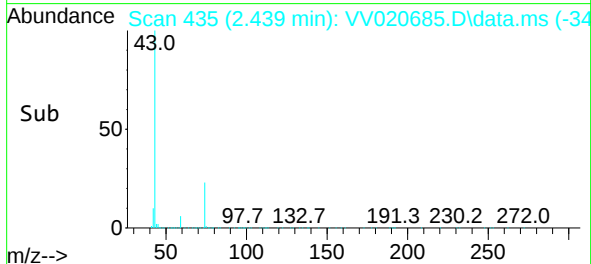
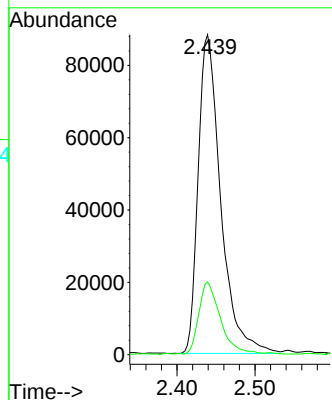
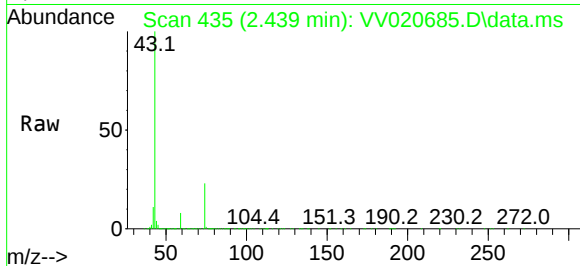




#15
Methyl Acetate
Concen: 50.98 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.003 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

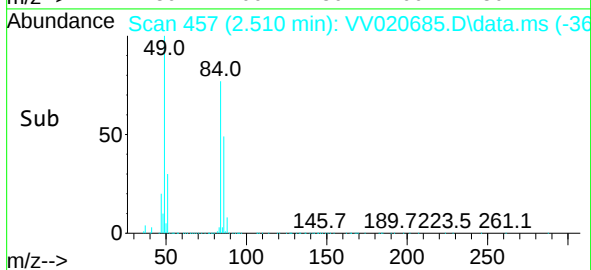
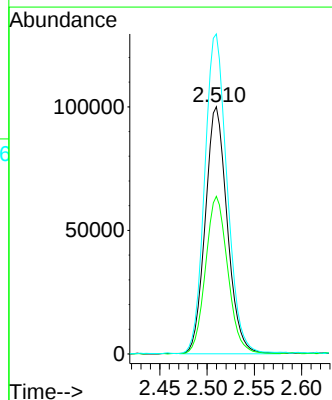
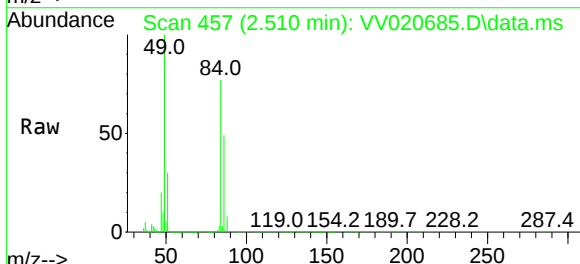
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

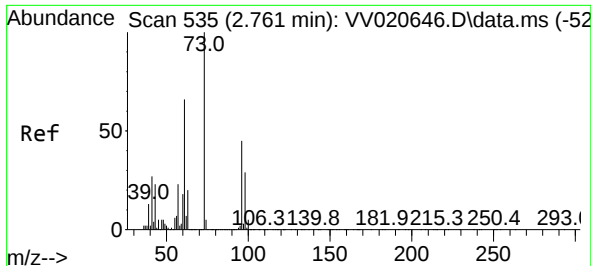
Tgt Ion: 43 Resp: 176935
Ion Ratio Lower Upper
43 100
74 21.2 17.6 26.4



#16
Methylene chloride
Concen: 48.41 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

Tgt Ion: 84 Resp: 162257
Ion Ratio Lower Upper
84 100
86 63.7 44.6 82.8
49 129.4 94.6 175.8

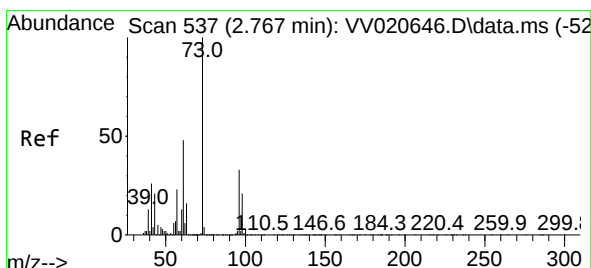
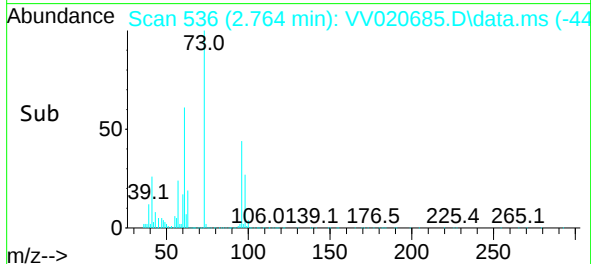
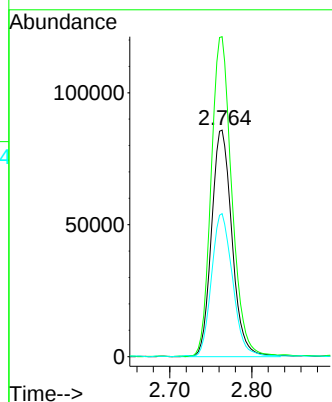
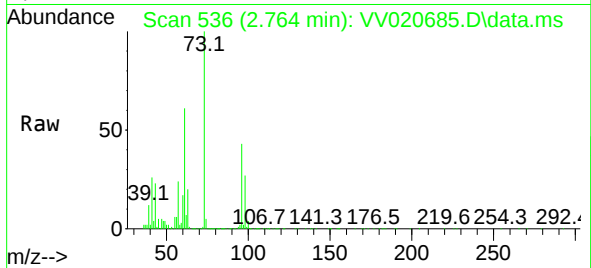




#17
trans-1,2-Dichloroethene
Concen: 48.33 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

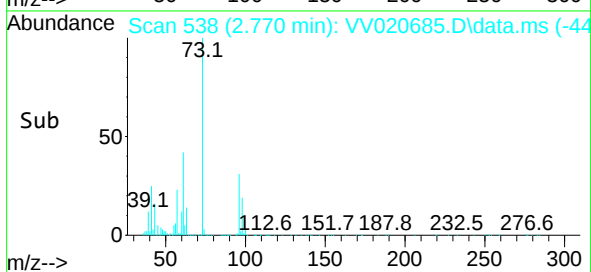
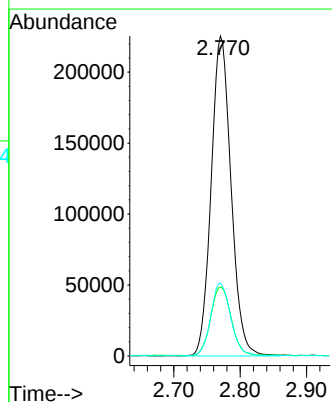
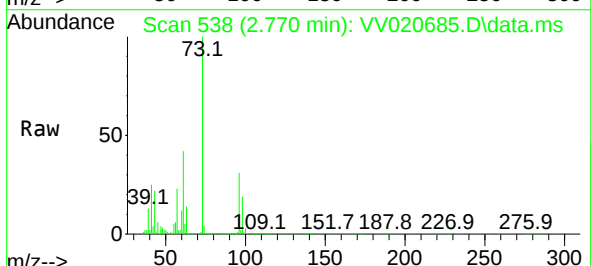
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

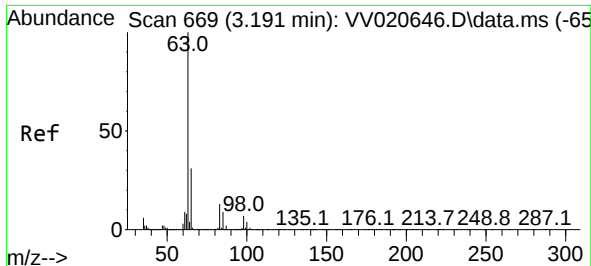
Tgt Ion: 96 Resp: 149351
Ion Ratio Lower Upper
96 100
61 141.3 103.1 191.5
98 63.2 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 49.96 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

Tgt Ion: 73 Resp: 469570
Ion Ratio Lower Upper
73 100
43 21.9 17.3 25.9
57 22.8 17.9 26.9

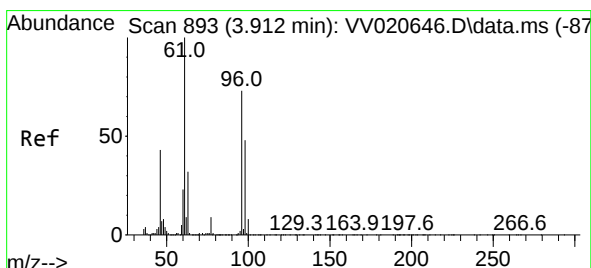
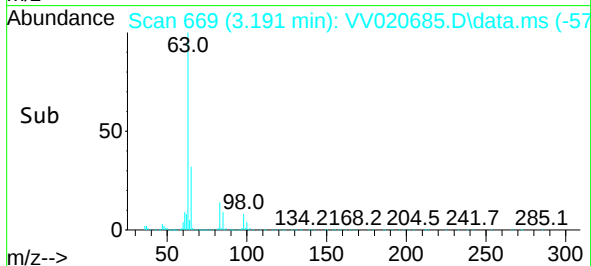
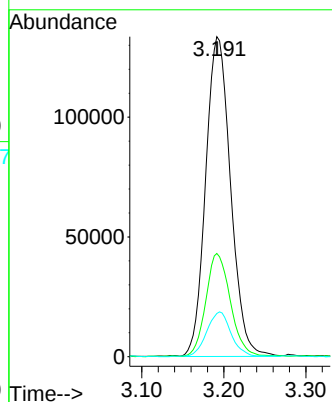
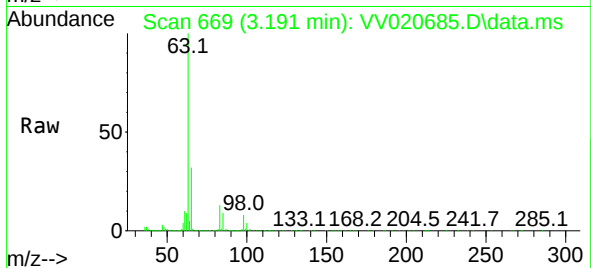




#19
1,1-Dichloroethane
Concen: 47.97 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.000 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

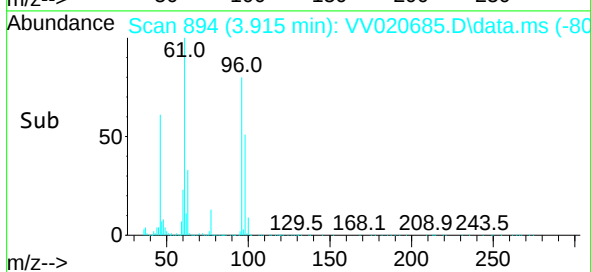
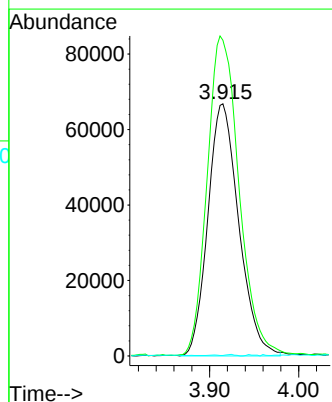
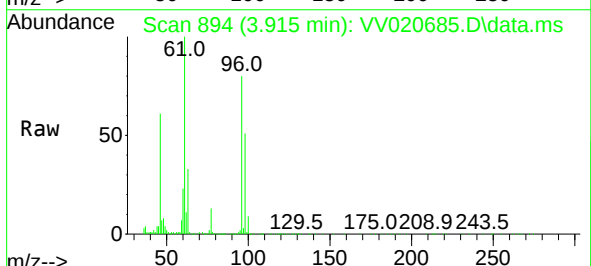
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

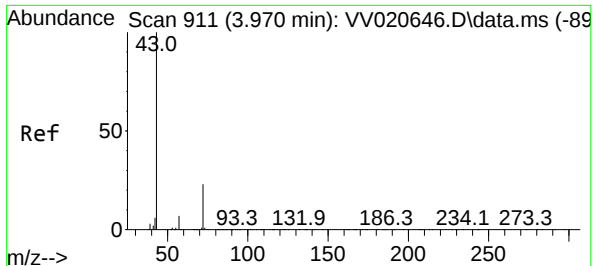
Tgt Ion: 63	Resp: 282832
Ion Ratio	Lower Upper
63 100	
65 32.2	21.9 40.7
83 13.5	9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 50.53 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

Tgt Ion: 96	Resp: 161199
Ion Ratio	Lower Upper
96 100	
61 125.2	96.9 179.9
68 0.2	0.0 0.0#

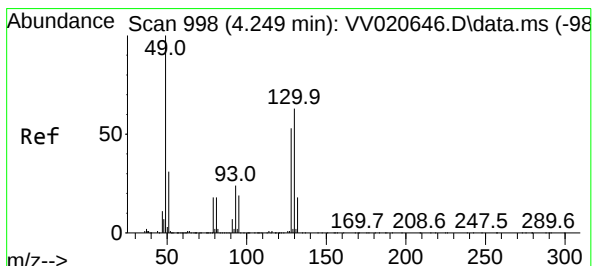
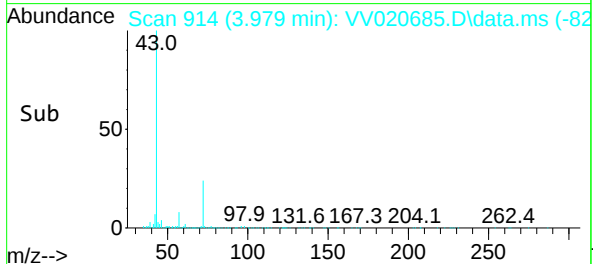
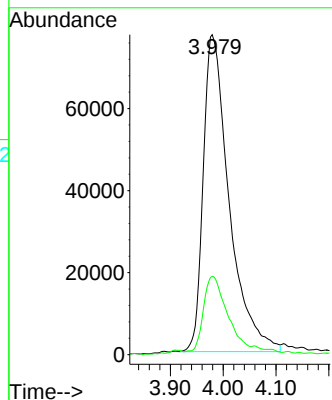
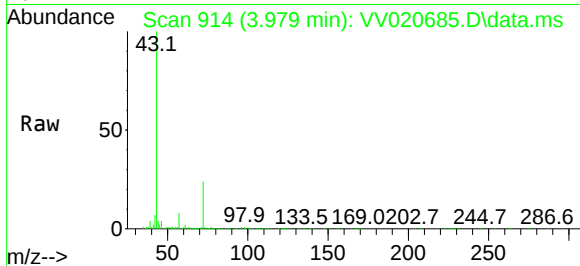




#22
2-Butanone
Concen: 104.91 ug/L
RT: 3.979 min Scan# 914
Delta R.T. 0.003 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

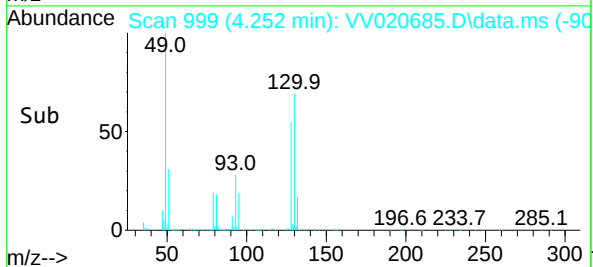
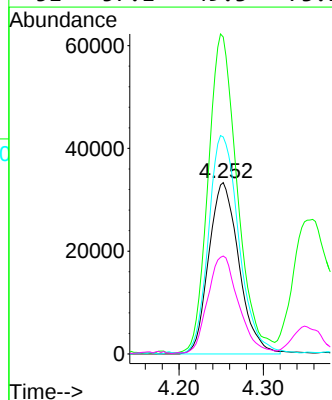
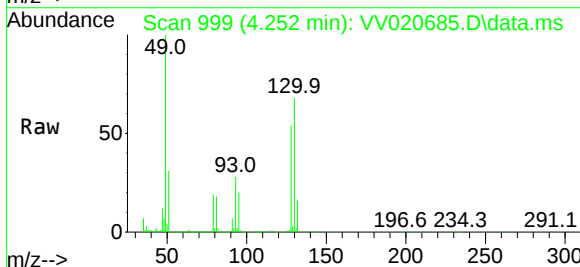
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

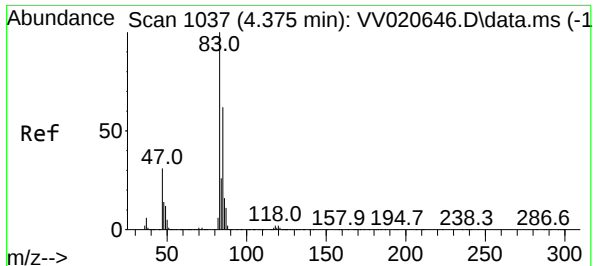
Tgt Ion: 43 Resp: 262954
Ion Ratio Lower Upper
43 100
72 21.0 12.2 36.6



#23
Bromochloromethane
Concen: 52.04 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.003 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

Tgt Ion: 128 Resp: 82837
Ion Ratio Lower Upper
128 100
49 184.9 133.1 247.1
130 126.5 89.0 165.4
51 57.1 49.3 73.9





#25

Chloroform

Concen: 47.28 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.003 min

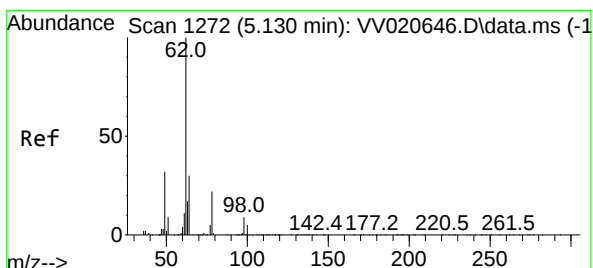
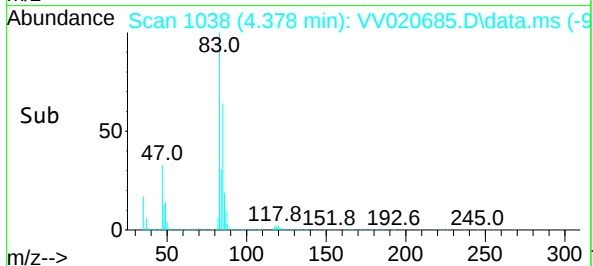
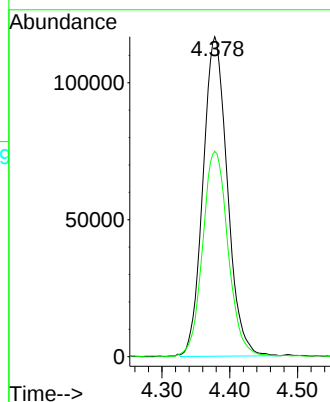
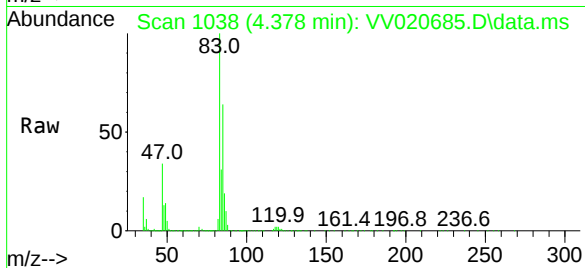
Lab File: VV020685.D

Acq: 19 Mar 2021 12:27

Tgt Ion: 83 Resp: 291185

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
83	100		
85	64.1	44.2	82.2



#27

1,2-Dichloroethane

Concen: 48.58 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.003 min

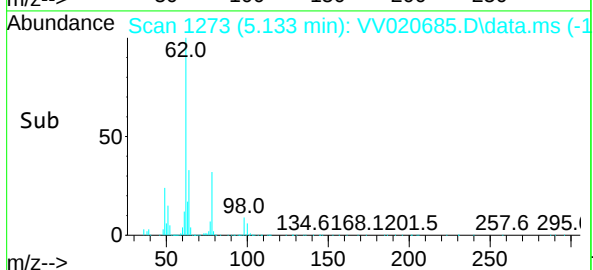
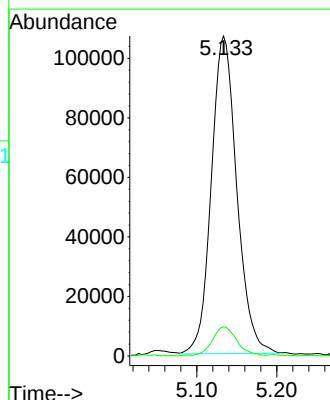
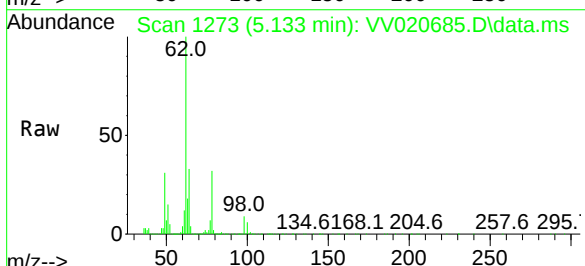
Lab File: VV020685.D

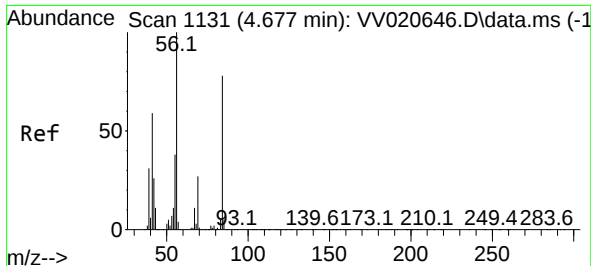
Acq: 19 Mar 2021 12:27

Tgt Ion: 62 Resp: 236330

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
62	100		
98	9.1	6.9	10.3

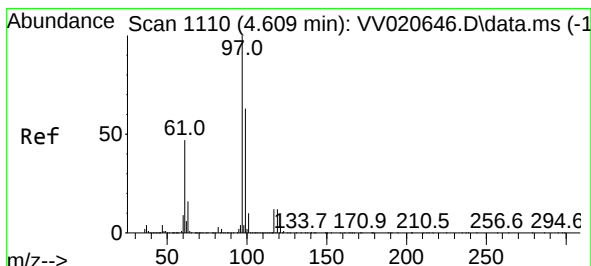
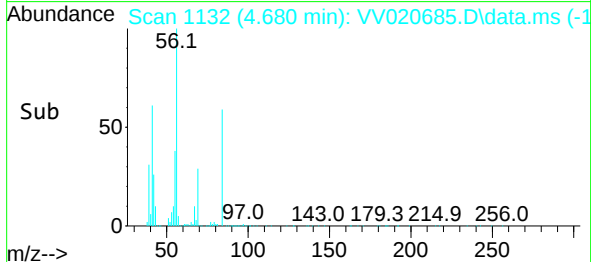
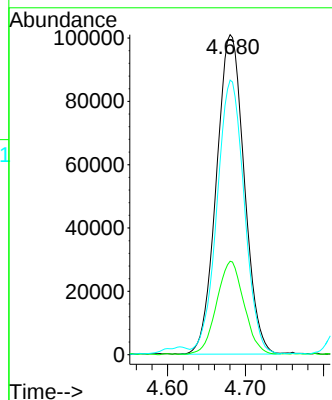
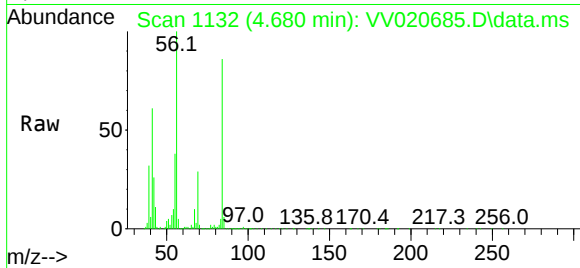




#29
Cyclohexane
Concen: 48.20 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

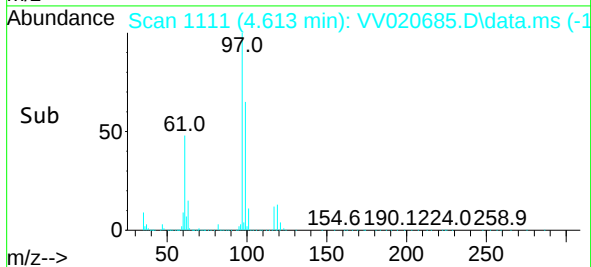
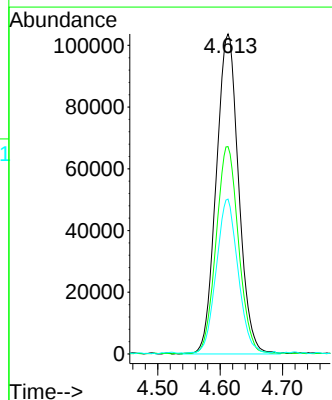
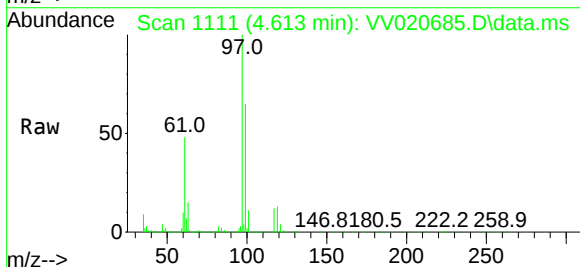
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

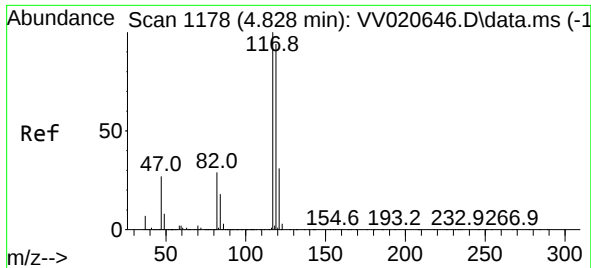
Tgt Ion: 56 Resp: 250851
Ion Ratio Lower Upper
56 100
69 28.4 24.2 36.2
84 84.0 66.3 99.5



#30
1,1,1-Trichloroethane
Concen: 50.32 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

Tgt Ion: 97 Resp: 258437
Ion Ratio Lower Upper
97 100
99 64.6 51.2 76.8
61 46.8 38.5 57.7

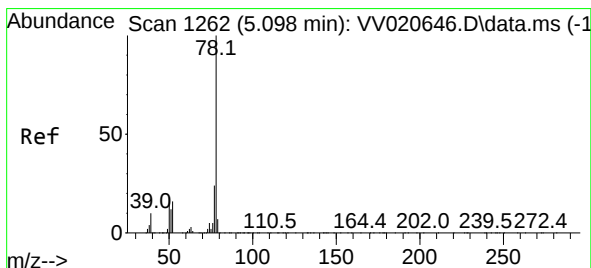
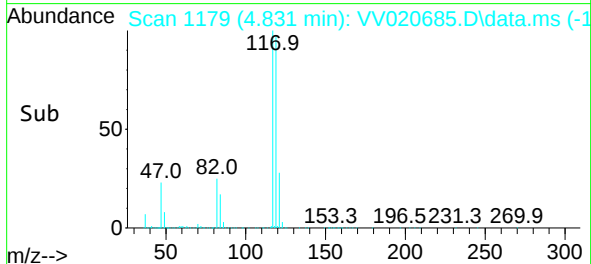
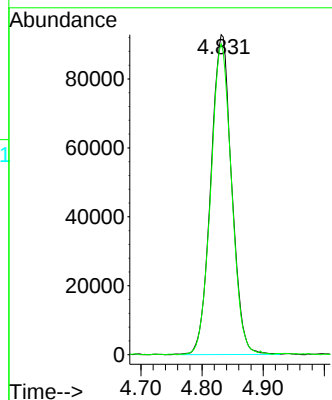
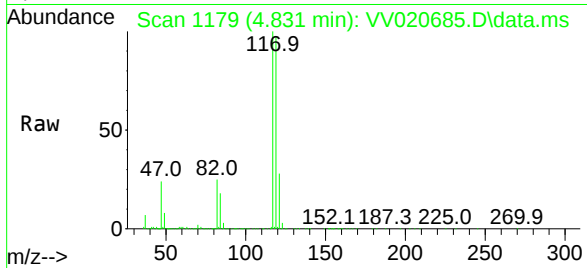




#31
Carbon tetrachloride
Concen: 52.66 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

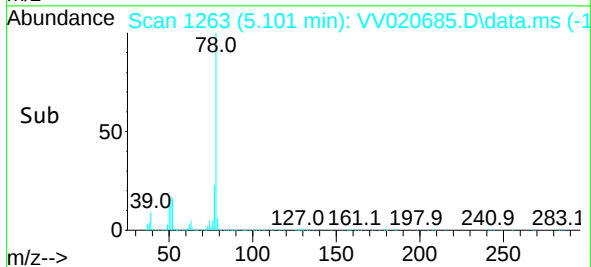
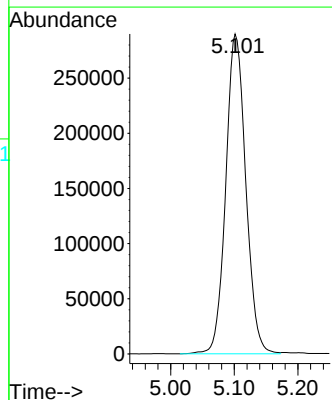
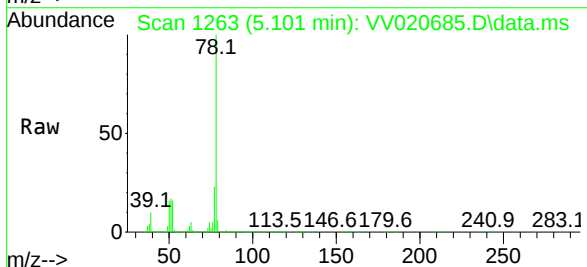
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

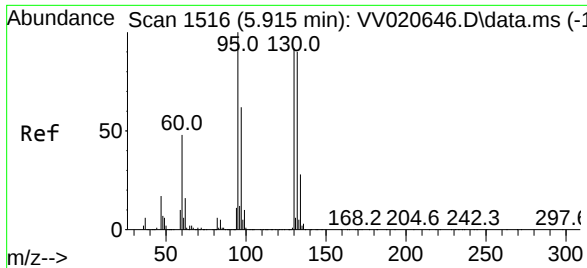
Tgt Ion:117 Resp: 219760
Ion Ratio Lower Upper
117 100
119 96.9 76.3 114.5



#33
Benzene
Concen: 49.43 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

Tgt Ion: 78 Resp: 633778



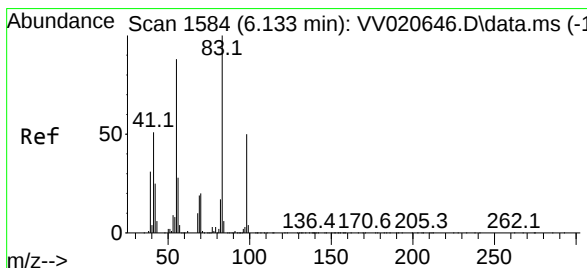
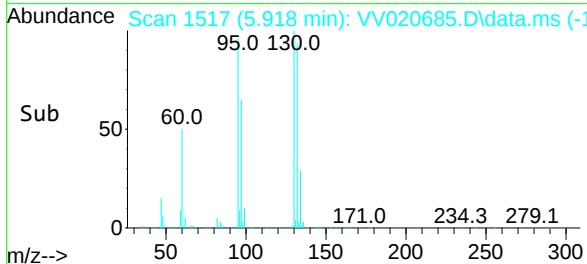
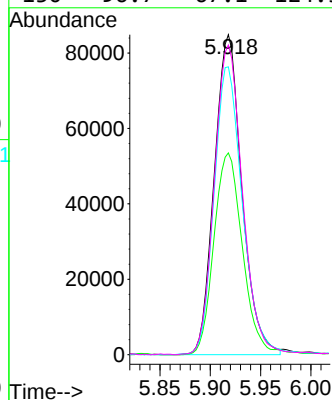
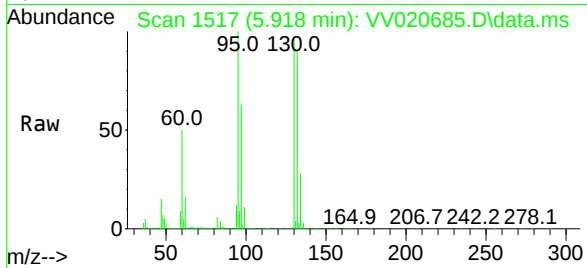


#34
Trichloroethene
Concen: 44.78 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

Tgt Ion: 95 Resp: 162011

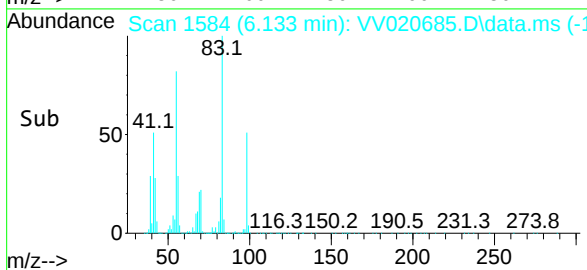
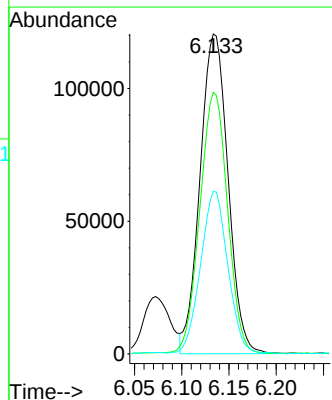
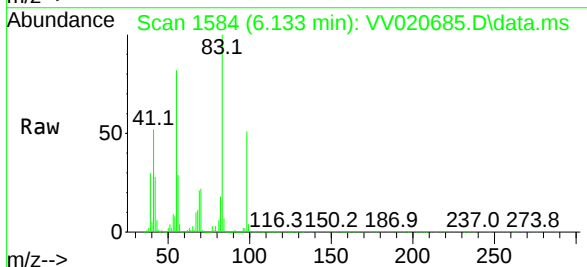
Ion	Ratio	Lower	Upper
95	100		
97	63.1	44.5	82.7
132	90.0	63.4	117.8
130	96.7	67.1	124.5

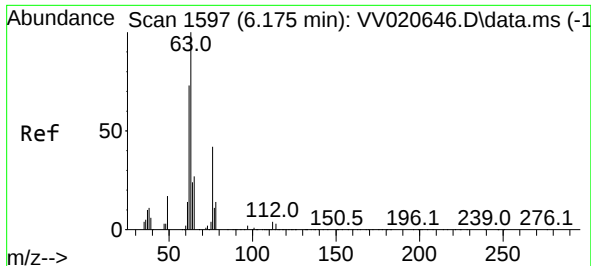


#35
Methylcyclohexane
Concen: 49.94 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

Tgt Ion: 83 Resp: 248318

Ion	Ratio	Lower	Upper
83	100		
55	80.5	65.1	97.7
98	49.2	38.2	57.2





#37

1,2-Dichloropropane

Concen: 49.75 ug/L

RT: 6.178 min Scan# 1598

Delta R.T. 0.003 min

Lab File: VV020685.D

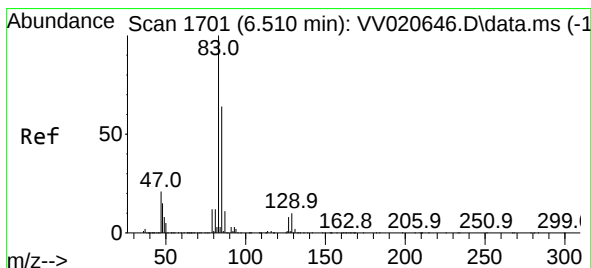
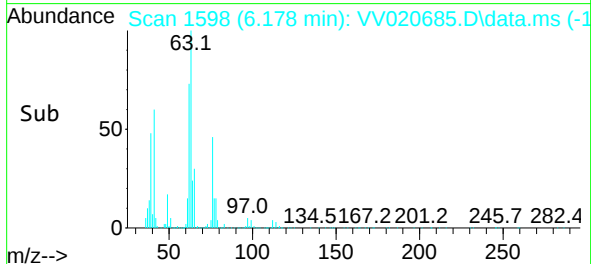
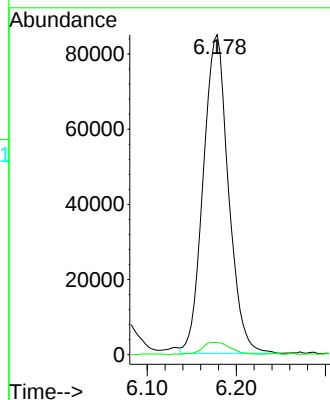
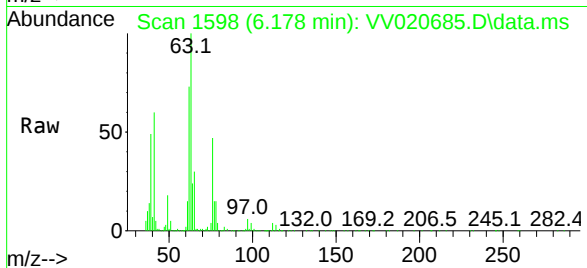
Acq: 19 Mar 2021 12:27

Tgt Ion: 63 Resp: 166547

Ion Ratio Lower Upper

63 100

112 4.4 3.3 4.9



#38

Bromodichloromethane

Concen: 50.28 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VV020685.D

Acq: 19 Mar 2021 12:27

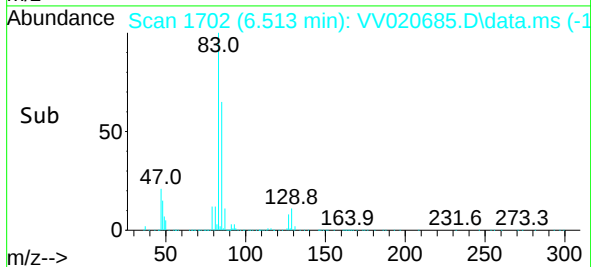
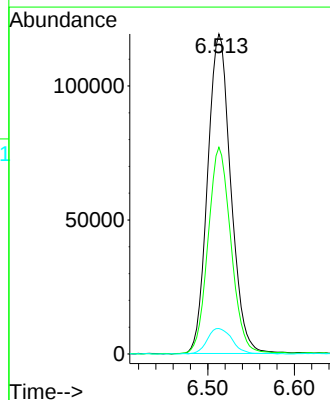
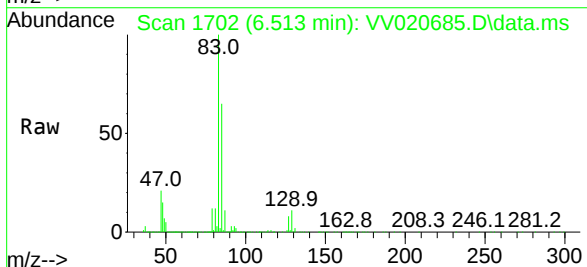
Tgt Ion: 83 Resp: 221659

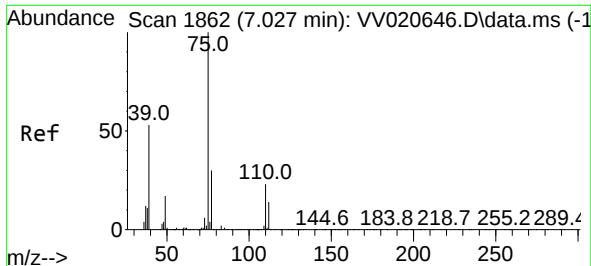
Ion Ratio Lower Upper

83 100

85 64.6 44.5 82.7

127 8.0 6.3 9.5

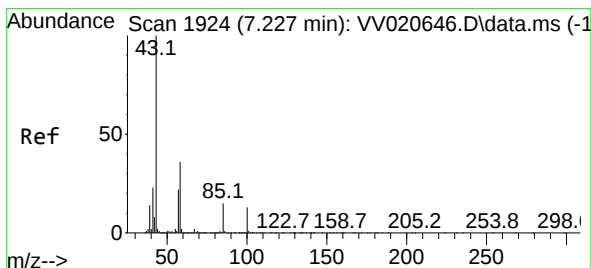
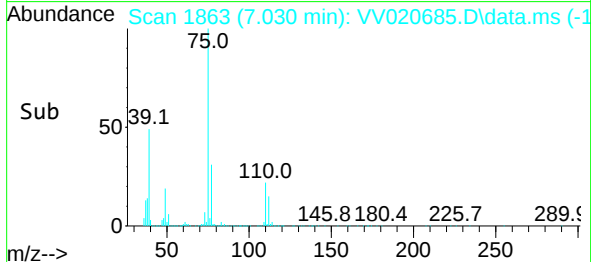
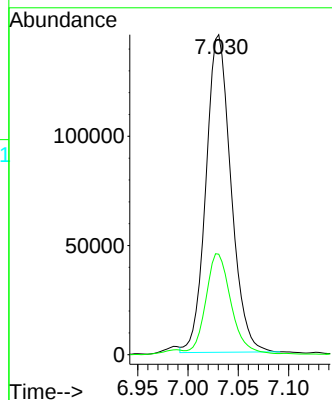
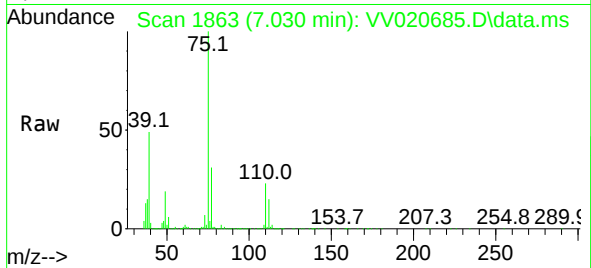




#39
cis-1,3-Dichloropropene
Concen: 50.78 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

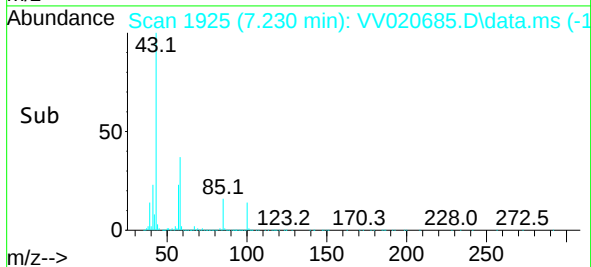
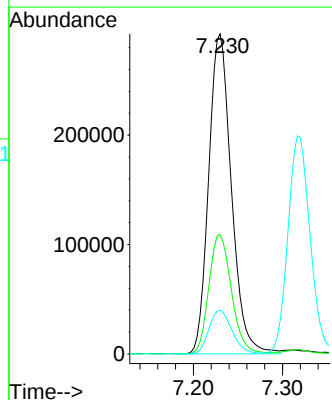
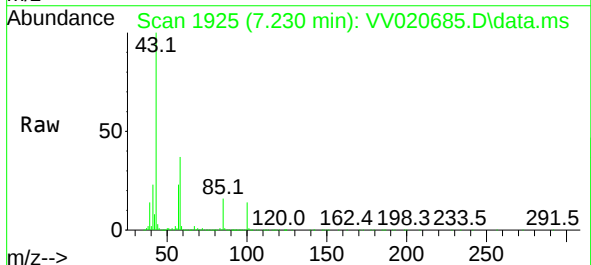
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

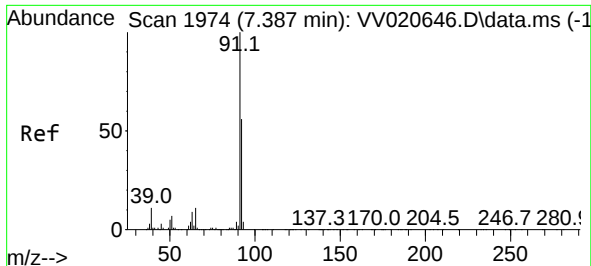
Tgt Ion: 75 Resp: 252172
Ion Ratio Lower Upper
75 100
77 31.4 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 102.53 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.003 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

Tgt Ion: 43 Resp: 516300
Ion Ratio Lower Upper
43 100
58 37.1 30.7 46.1
100 13.9 11.6 17.4

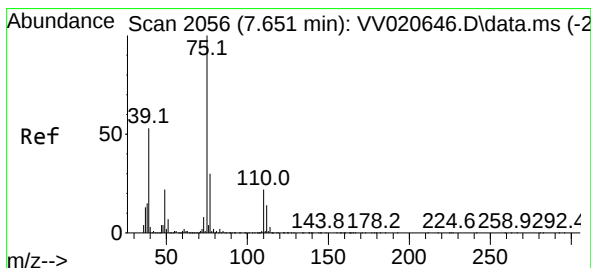
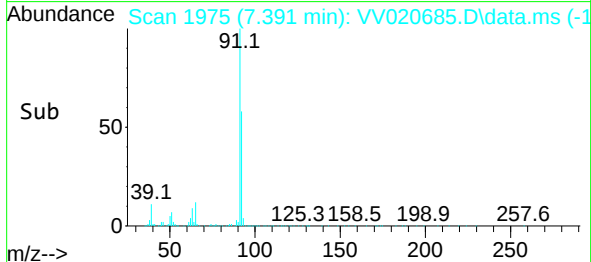
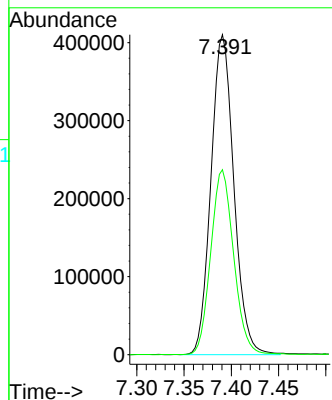
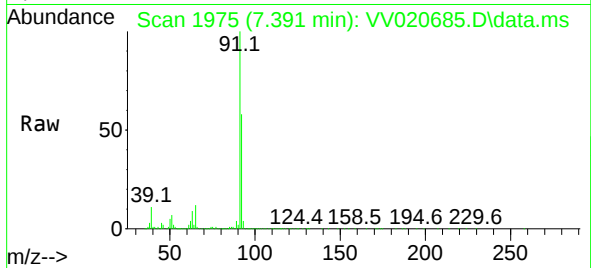




#42
Toluene
Concen: 51.64 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

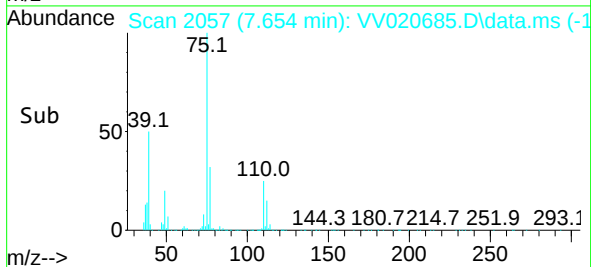
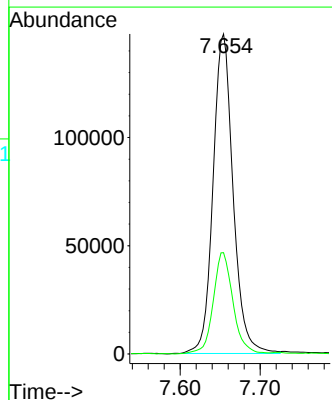
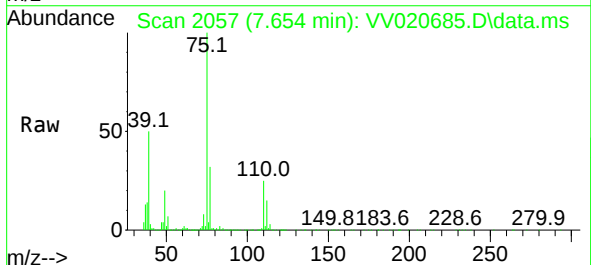
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

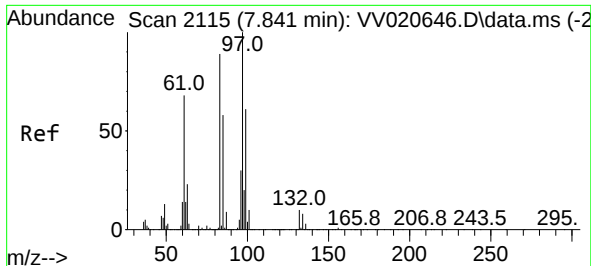
Tgt Ion: 91 Resp: 691237
Ion Ratio Lower Upper
91 100
92 57.8 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 52.61 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

Tgt Ion: 75 Resp: 256822
Ion Ratio Lower Upper
75 100
77 31.7 22.0 41.0

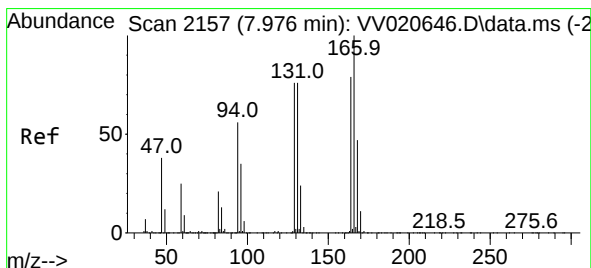
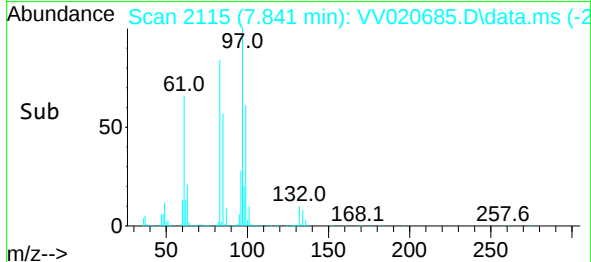
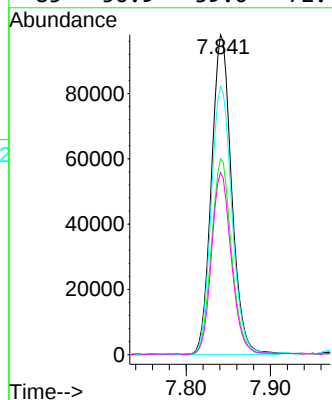
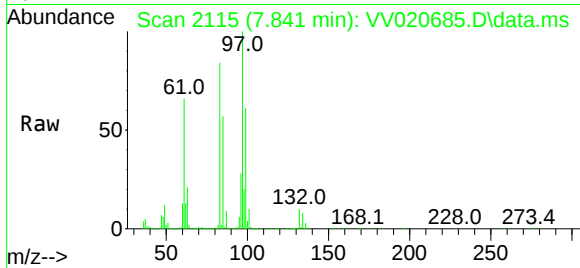




#45
1,1,2-Trichloroethane
Concen: 52.14 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

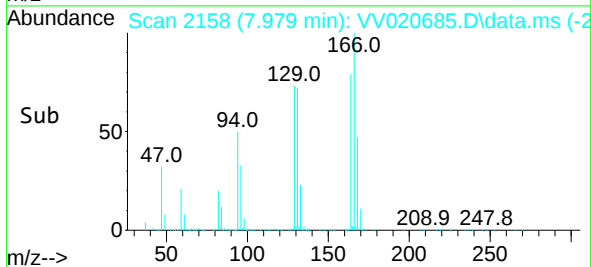
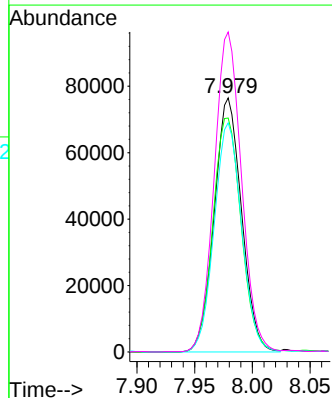
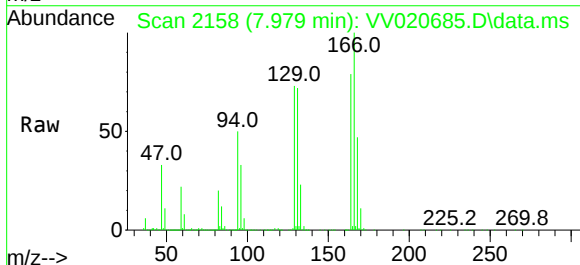
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

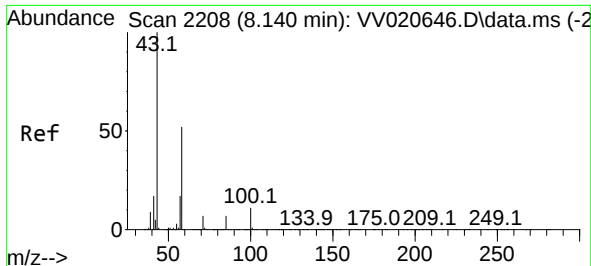
Tgt Ion: 97	Resp: 162667
Ion Ratio	Lower Upper
97 100	
99 61.2	43.8 81.3
83 83.8	62.2 115.4
85 56.9	39.0 72.4



#46
Tetrachloroethene
Concen: 54.40 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

Tgt	Ion:164	Resp:	126278
Ion	Ratio	Lower	Upper
164	100		
129	92.1	70.6	131.0
131	90.2	66.8	124.0
166	125.9	88.2	163.8

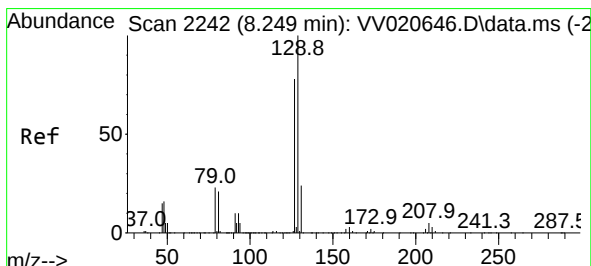
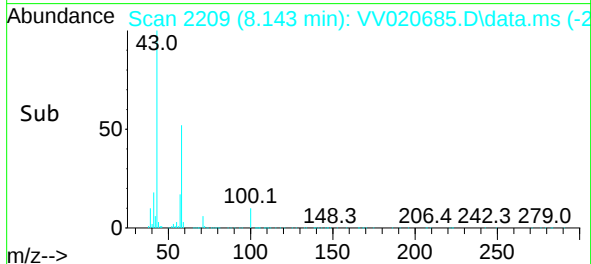
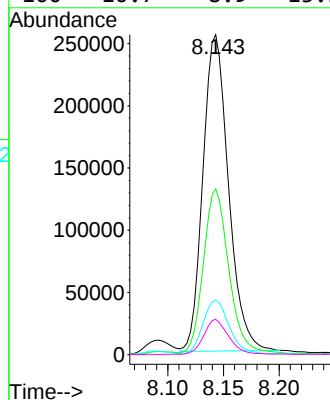
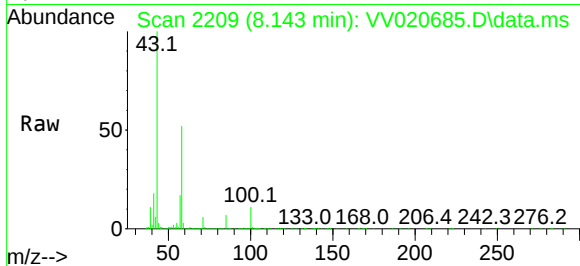




#48
2-Hexanone
Concen: 103.14 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

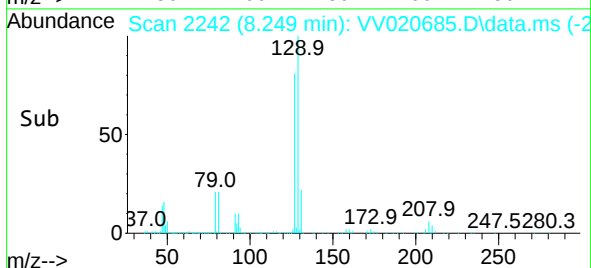
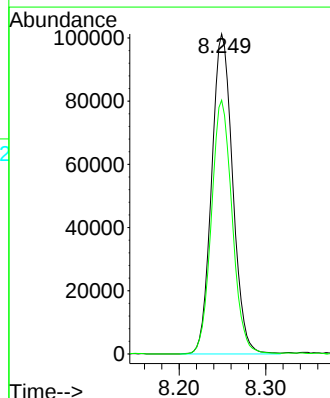
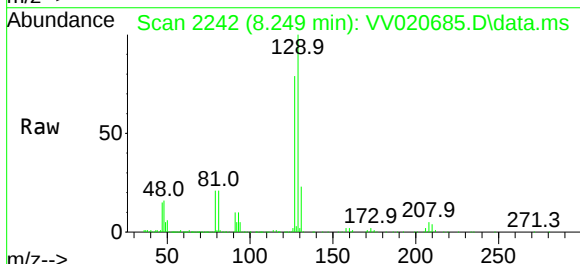
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

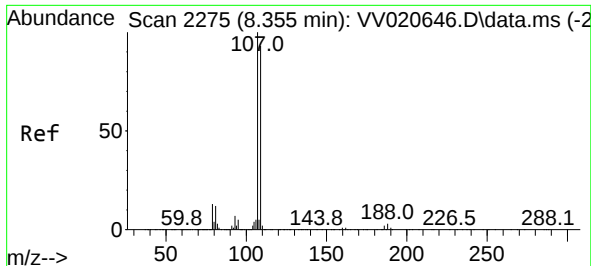
Tgt Ion: 43	Resp: 405651
Ion Ratio	Lower Upper
43 100	
58 51.6	41.8 62.6
57 17.2	15.0 22.4
100 10.7	8.9 13.3



#49
Dibromochloromethane
Concen: 52.67 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

Tgt Ion:129	Resp: 171074
Ion Ratio	Lower Upper
129 100	
127 79.3	55.2 102.6





#50

1,2-Dibromoethane

Concen: 50.63 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. 0.000 min

Lab File: VV020685.D

Acq: 19 Mar 2021 12:27

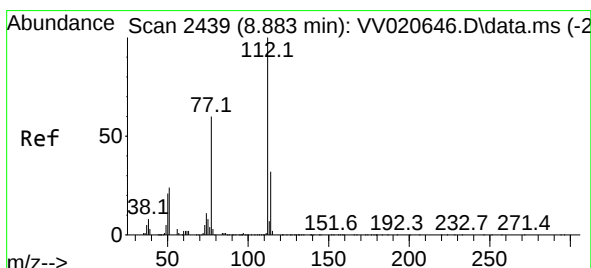
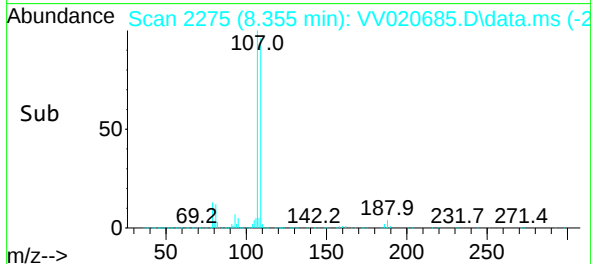
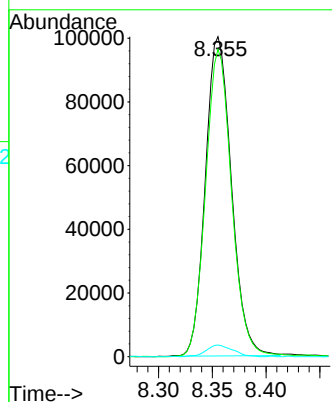
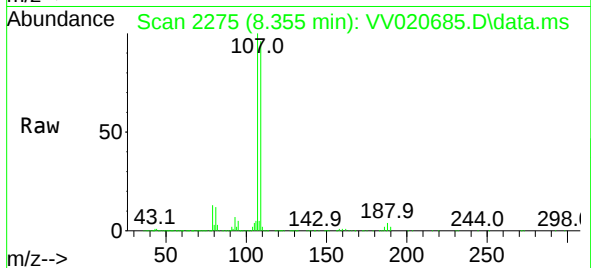
Tgt Ion:107 Resp: 169155

Ion Ratio Lower Upper

107 100

109 96.1 66.2 123.0

188 3.6 2.6 3.8



#51

Chlorobenzene

Concen: 50.21 ug/L

RT: 8.886 min Scan# 2440

Delta R.T. 0.000 min

Lab File: VV020685.D

Acq: 19 Mar 2021 12:27

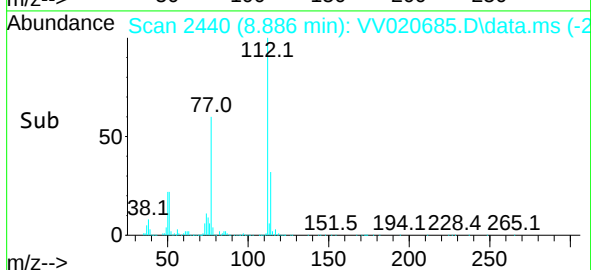
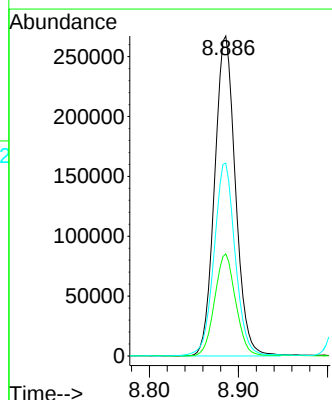
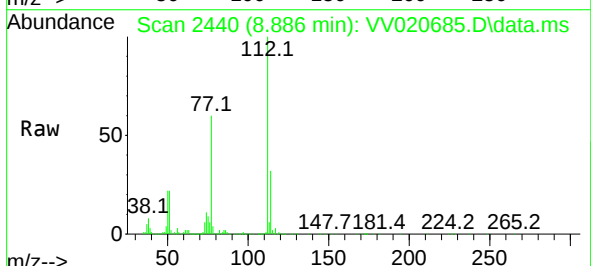
Tgt Ion:112 Resp: 434732

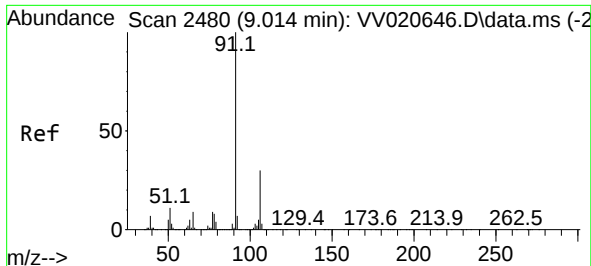
Ion Ratio Lower Upper

112 100

114 31.9 22.2 41.2

77 60.3 49.0 73.6

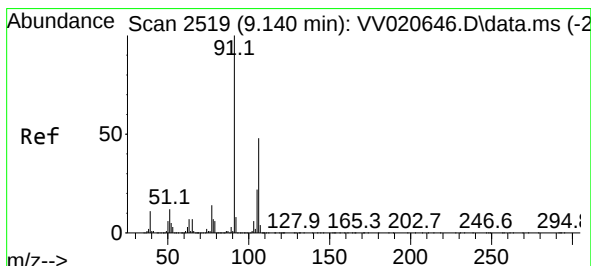
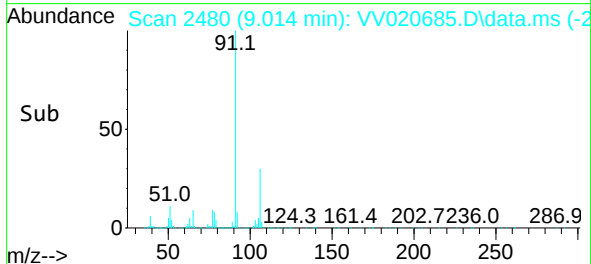
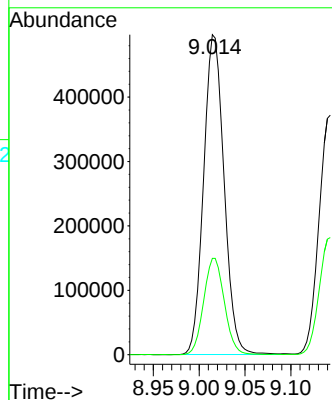
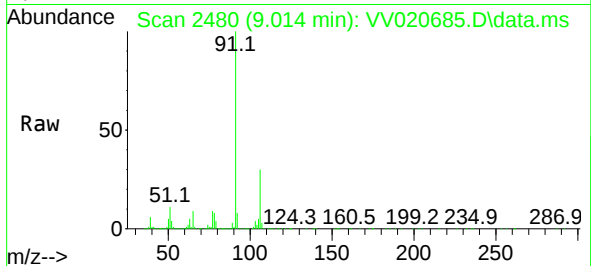




#52
Ethylbenzene
Concen: 50.95 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

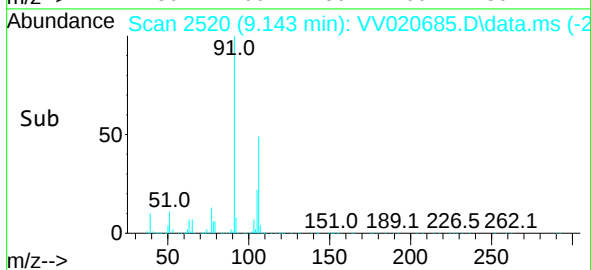
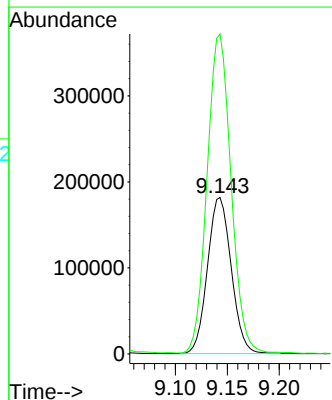
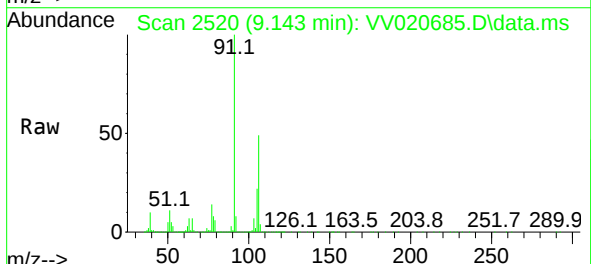
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

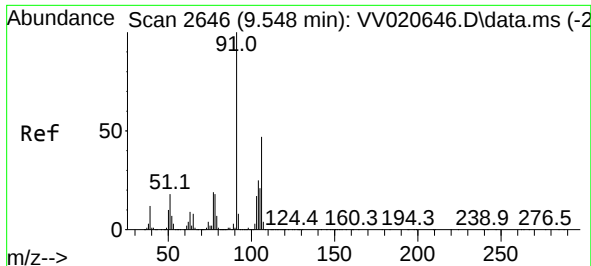
Tgt Ion: 91 Resp: 772062
Ion Ratio Lower Upper
91 100
106 30.1 21.0 39.0



#53
m,p-Xylene
Concen: 52.19 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

Tgt Ion:106 Resp: 288797
Ion Ratio Lower Upper
106 100
91 204.4 148.1 275.0

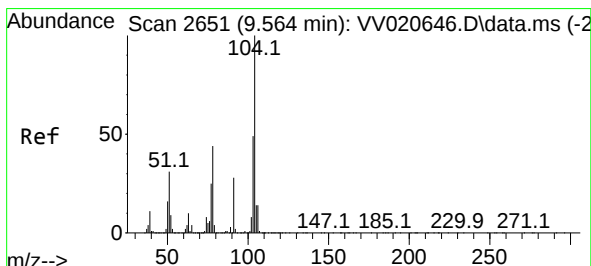
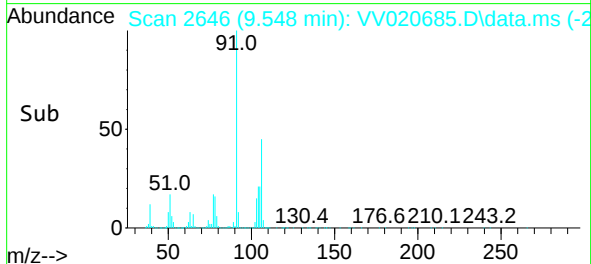
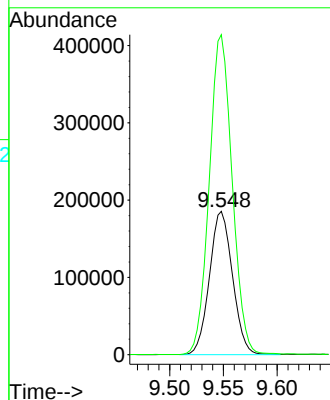
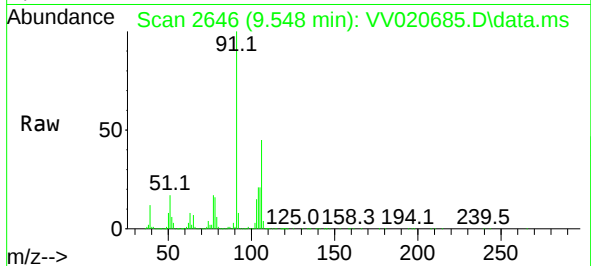




#54
o-xylene
Concen: 51.65 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

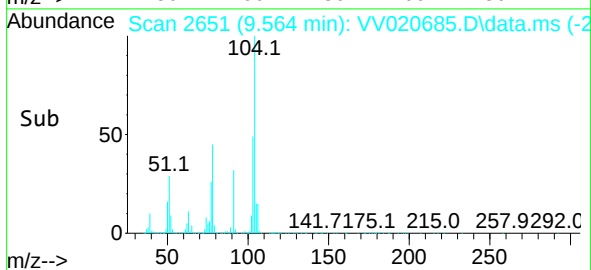
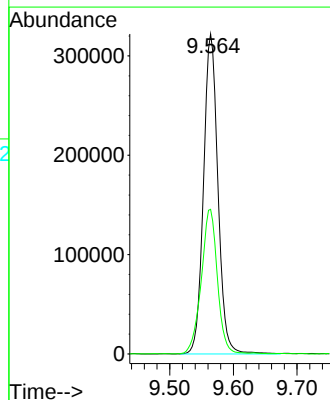
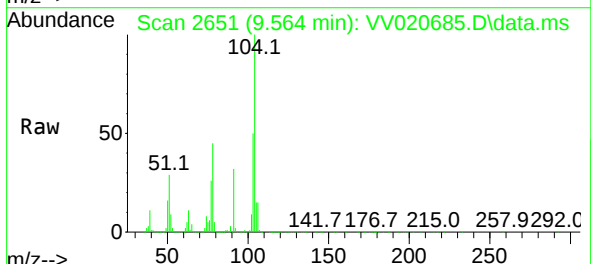
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

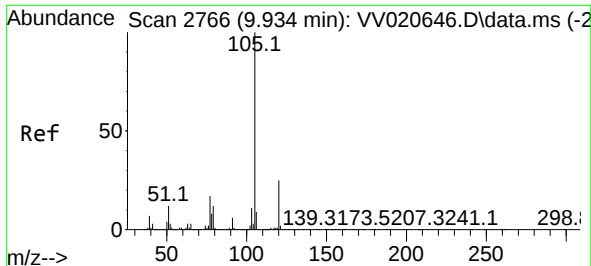
Tgt Ion:106 Resp: 276699
Ion Ratio Lower Upper
106 100
91 223.3 156.4 290.6



#55
Styrene
Concen: 54.27 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

Tgt Ion:104 Resp: 507699
Ion Ratio Lower Upper
104 100
78 45.2 33.7 62.5

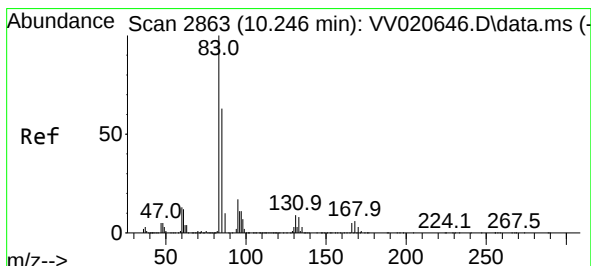
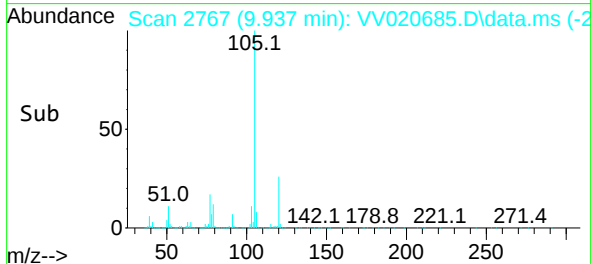
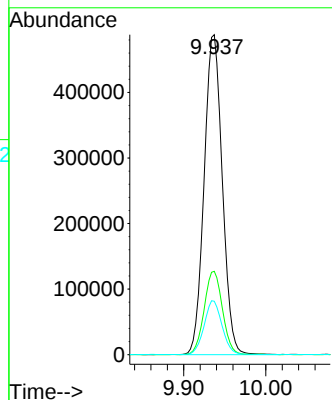
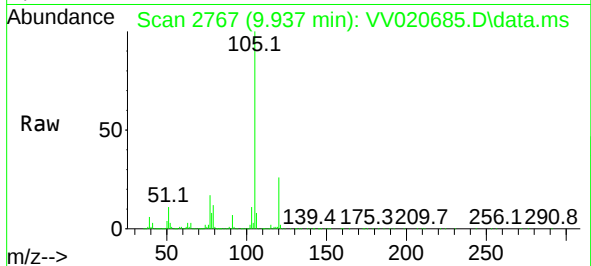




#56
Isopropylbenzene
Concen: 51.72 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

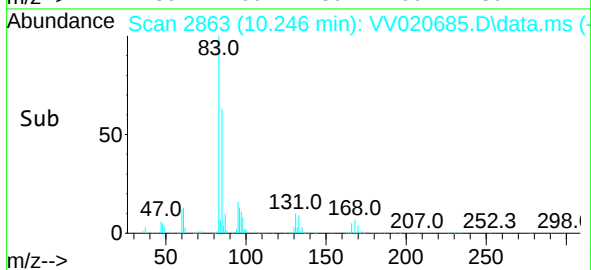
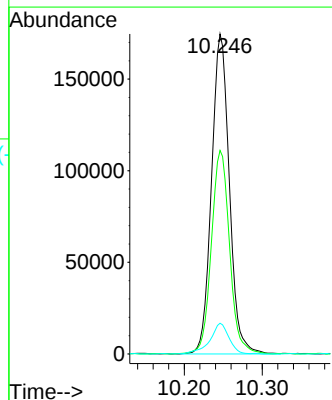
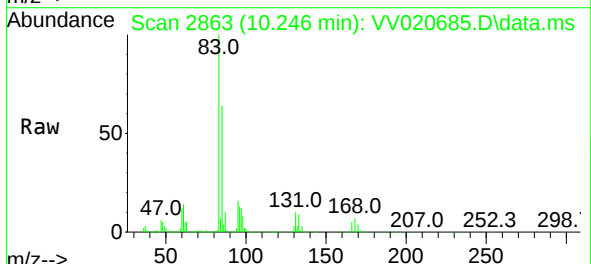
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

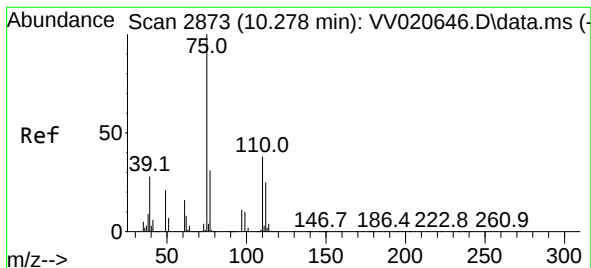
Tgt Ion:105 Resp: 749646
Ion Ratio Lower Upper
105 100
120 26.2 20.5 30.7
77 16.6 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 59.87 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

Tgt Ion: 83 Resp: 277378
Ion Ratio Lower Upper
83 100
85 63.6 44.3 82.3
131 9.6 7.3 10.9

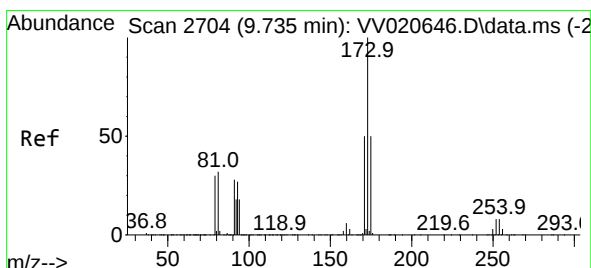
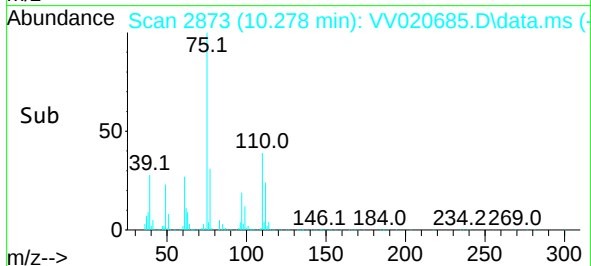
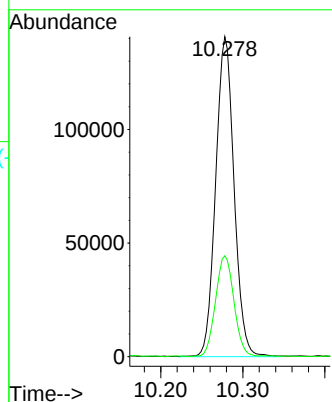
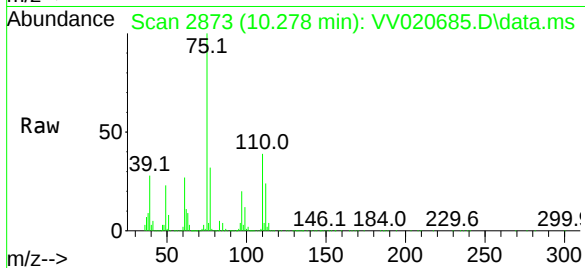




#59
1,2,3-Trichloropropane
Concen: 51.78 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

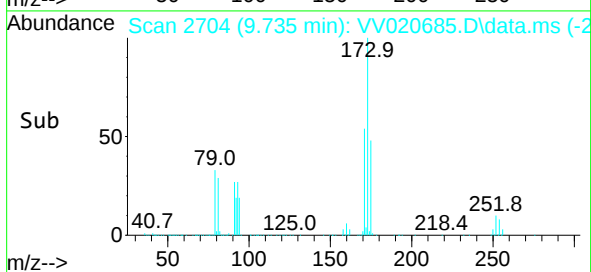
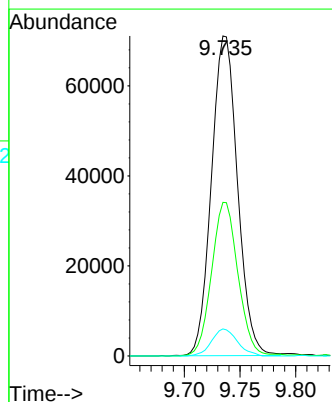
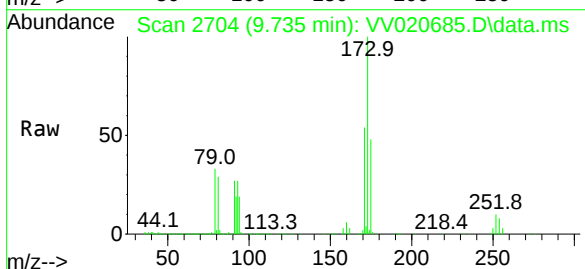
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

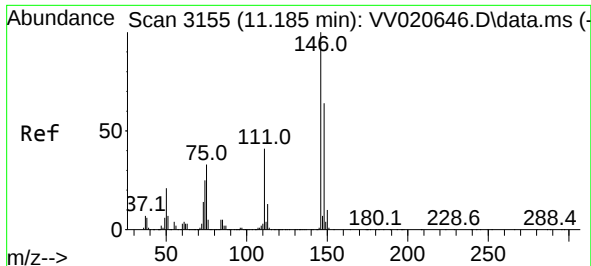
Tgt Ion: 75 Resp: 219683
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0



#61
Bromoform
Concen: 51.32 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

Tgt Ion: 173 Resp: 115683
Ion Ratio Lower Upper
173 100
175 48.4 38.6 57.8
254 8.4 6.5 9.7

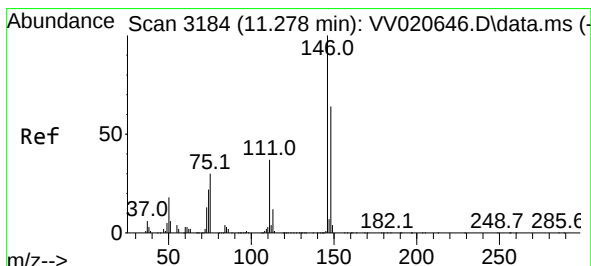
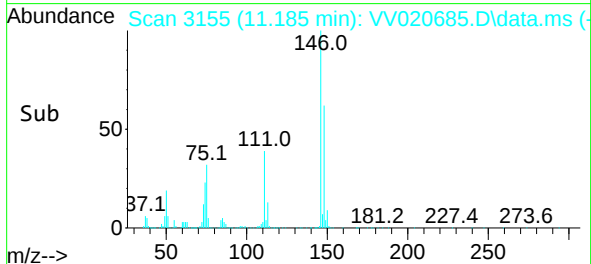
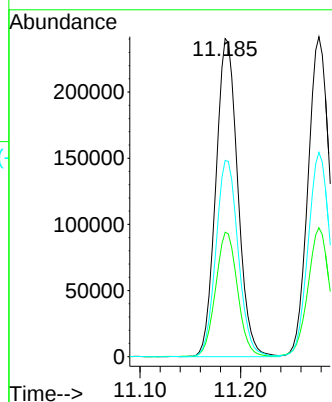
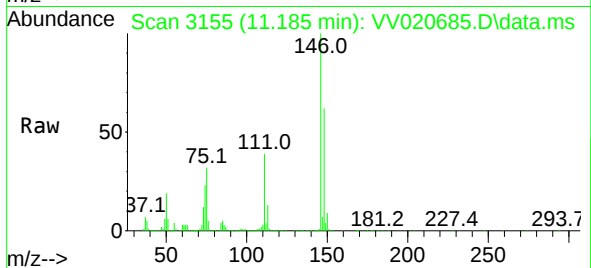




#62
1,3-Dichlorobenzene
Concen: 50.48 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.000 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

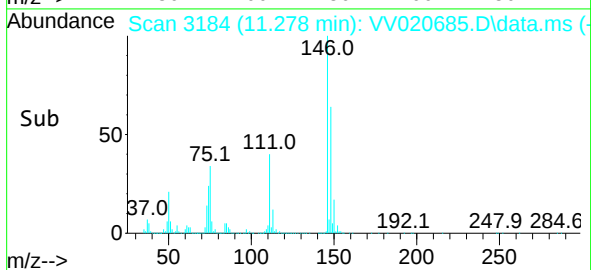
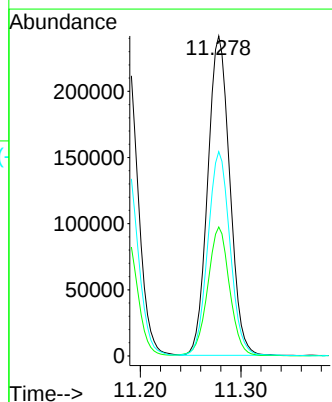
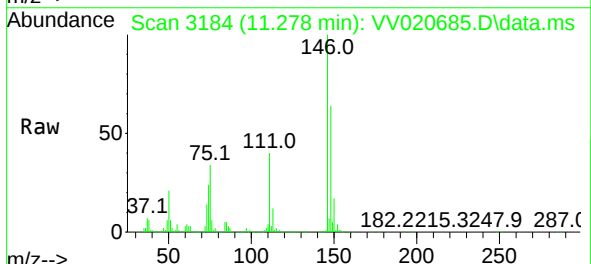
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

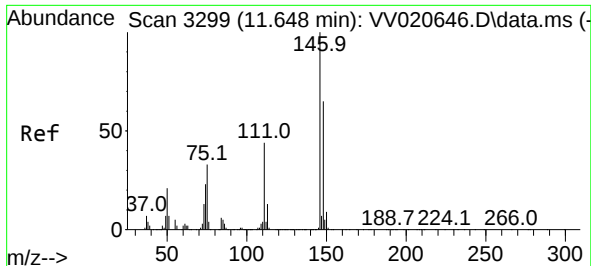
Tgt Ion:146 Resp: 364609
Ion Ratio Lower Upper
146 100
111 39.1 30.2 56.2
148 61.7 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 48.71 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

Tgt Ion:146 Resp: 367243
Ion Ratio Lower Upper
146 100
111 40.3 29.4 54.6
148 63.9 44.7 83.1

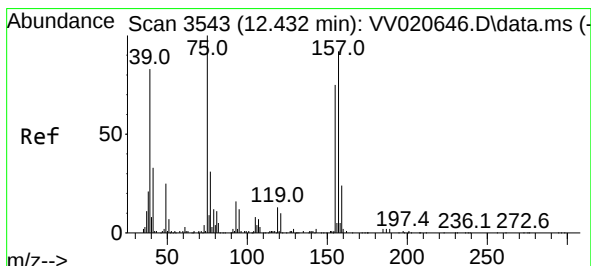
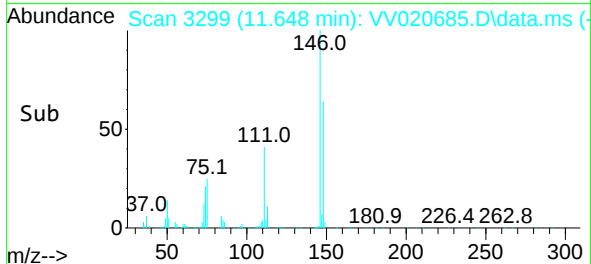
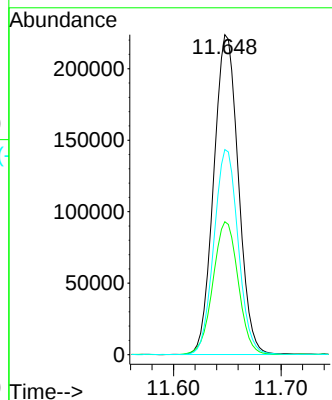
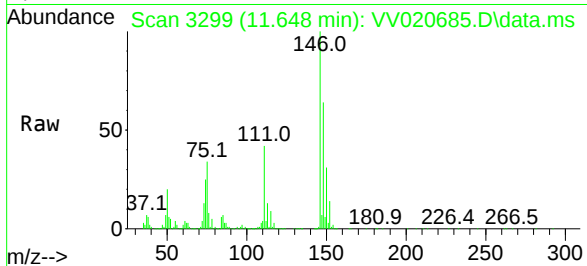




#65
1,2-Dichlorobenzene
Concen: 49.54 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.000 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

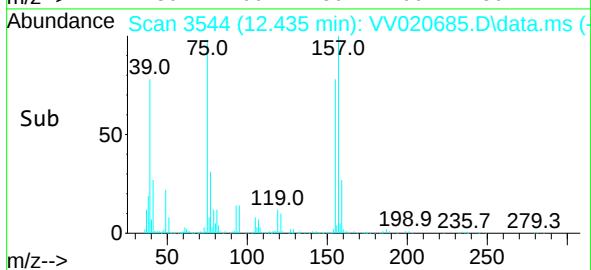
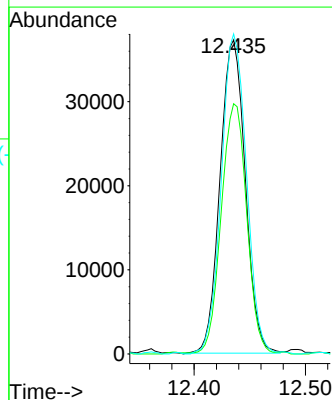
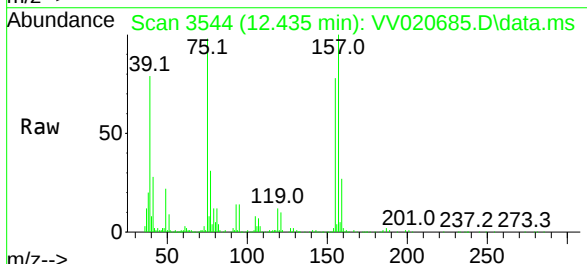
Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

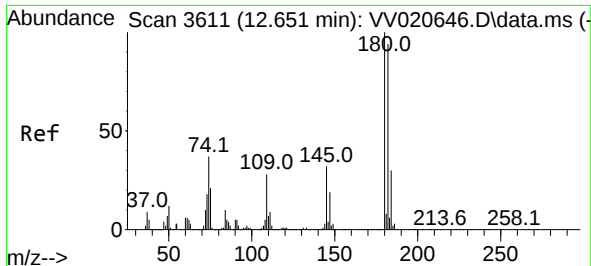
Tgt Ion:146 Resp: 356223
Ion Ratio Lower Upper
146 100
111 41.5 36.3 54.5
148 64.1 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 54.01 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.003 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

Tgt Ion: 75 Resp: 58643
Ion Ratio Lower Upper
75 100
155 79.7 59.1 88.7
157 101.9 75.4 113.0

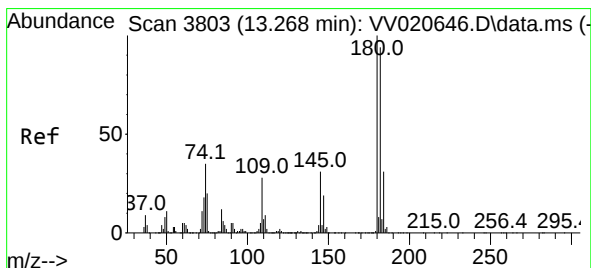
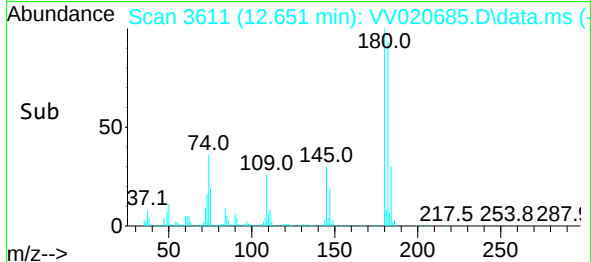
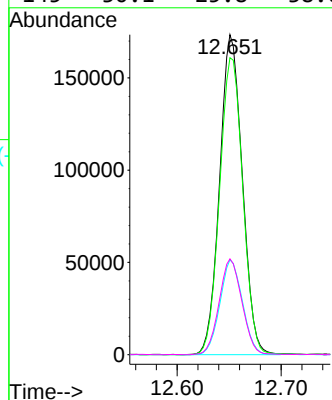
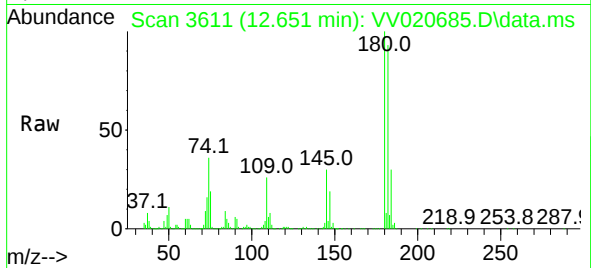




#67
 1,3,5-Trichlorobenzene
 Concen: 51.16 ug/L
 RT: 12.651 min Scan# 3611
 Delta R.T. 0.000 min
 Lab File: VV020685.D
 Acq: 19 Mar 2021 12:27

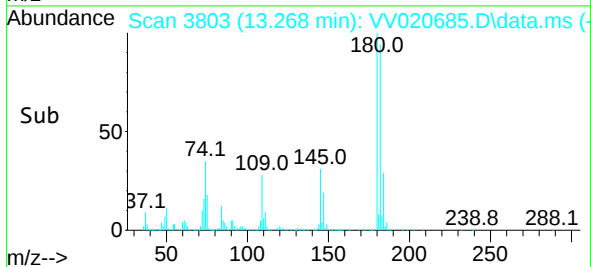
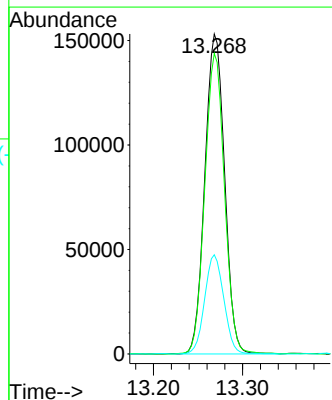
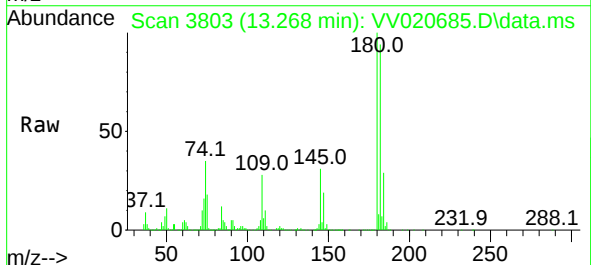
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05084

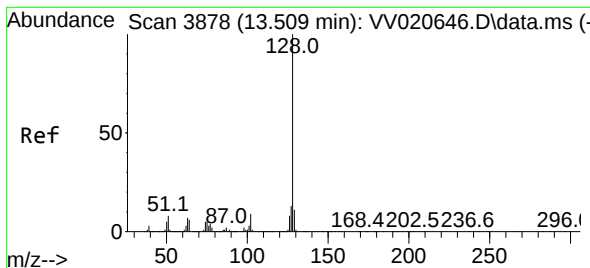
Tgt Ion:	180	Resp:	263158
Ion Ratio	Lower	Upper	
180	100		
182	95.0	75.0	112.6
184	29.3	24.0	36.0
145	30.1	25.8	38.6



#68
 1,2,4-trichlorobenzene
 Concen: 52.69 ug/L
 RT: 13.268 min Scan# 3803
 Delta R.T. 0.000 min
 Lab File: VV020685.D
 Acq: 19 Mar 2021 12:27

Tgt Ion:	180	Resp:	235317
Ion Ratio	Lower	Upper	
180	100		
182	93.8	75.1	112.7
145	30.0	26.8	40.2

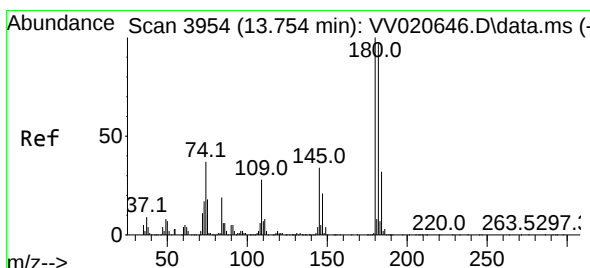
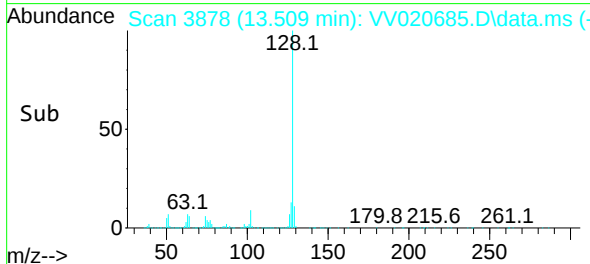
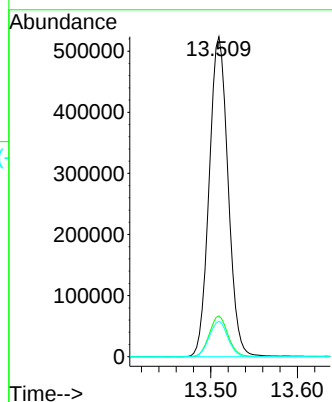
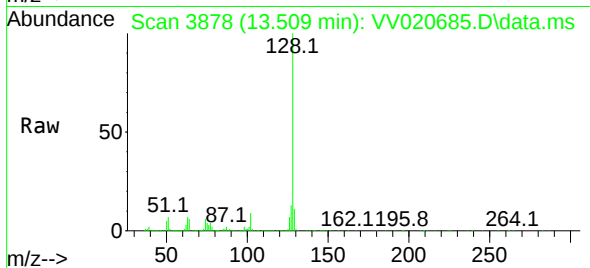




#69
Naphthalene
Concen: 54.56 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

Tgt Ion:128 Resp: 792291
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.0 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 53.22 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. 0.000 min
Lab File: VV020685.D
Acq: 19 Mar 2021 12:27

Tgt Ion:180 Resp: 235611
Ion Ratio Lower Upper
180 100
182 95.3 76.1 114.1
145 33.4 27.9 41.9

