

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031721\
 Data File : VW020663.D
 Acq On : 17 Mar 2021 18:26
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05081

Quant Time: Mar 18 01:19:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 18 01:14:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	347894	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	348018	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	177770	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	108104	38.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.04%		
7) Chloroethane-d5	1.567	69	85734	38.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.38%		
11) 1,1-Dichloroethene-d2	2.111	63	210882	39.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.06%		
21) 2-Butanone-d5	3.889	46	222122	123.33	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	123.33%		
24) Chloroform-d	4.352	84	226998	46.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.08%		
26) 1,2-Dichloroethane-d4	5.034	65	157027	48.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.58%		
32) Benzene-d6	5.053	84	434422	45.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.36%		
36) 1,2-Dichloropropane-d6	6.072	67	144207	46.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.76%		
41) Toluene-d8	7.320	98	391395	45.80	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.60%		
43) trans-1,3-Dichloroprop...	7.625	79	66593	46.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.64%		
47) 2-Hexanone-d5	8.091	63	135351	117.59	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	117.59%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	203348	52.89	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.78%		
64) 1,2-Dichlorobenzene-d4	11.631	152	156865	45.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.08%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	132127	46.00	ug/L	100
3) Chloromethane	1.243	50	163420	49.18	ug/L	97
5) Vinyl chloride	1.313	62	156101	46.86	ug/L	97
6) Bromomethane	1.522	94	86580	44.12	ug/L	93
8) Chloroethane	1.587	64	83435	41.28	ug/L	96
9) Trichlorofluoromethane	1.754	101	205253	46.24	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	104583	43.21	ug/L	95
12) 1,1-Dichloroethene	2.121	96	99674	42.44	ug/L	86
13) Acetone	2.182	43	161314	109.65	ug/L	98
14) Carbon disulfide	2.294	76	309339	43.44	ug/L	100
15) Methyl Acetate	2.436	43	167433	59.43	ug/L	99
16) Methylene chloride	2.510	84	131000	48.14	ug/L	99
17) trans-1,2-Dichloroethene	2.764	96	115142	45.89	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	374654	49.10	ug/L	99
19) 1,1-Dichloroethane	3.191	63	235073	49.11	ug/L	97
20) cis-1,2-Dichloroethene	3.915	96	132158	51.03	ug/L #	92
22) 2-Butanone	3.976	43	243265	119.55	ug/L	94
23) Bromochloromethane	4.252	128	67842	52.50	ug/L	99
25) Chloroform	4.381	83	250829	50.17	ug/L	99
27) 1,2-Dichloroethane	5.133	62	194078	49.14	ug/L	99

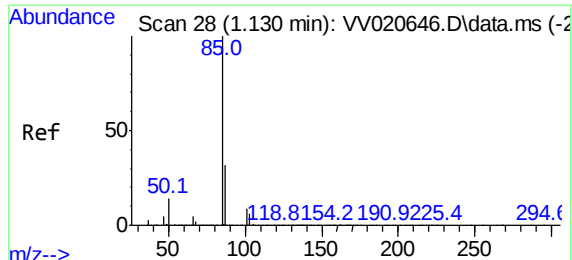
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031721\
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.683	56	187354	43.96	ug/L	99
30) 1,1,1-Trichloroethane	4.612	97	197487	46.95	ug/L	98
31) Carbon tetrachloride	4.831	117	163500	47.84	ug/L	99
33) Benzene	5.101	78	512827	48.84	ug/L	100
34) Trichloroethene	5.918	95	141076	47.62	ug/L	99
35) Methylcyclohexane	6.136	83	181888	44.67	ug/L	98
37) 1,2-Dichloropropane	6.178	63	140100	51.10	ug/L	98
38) Bromodichloromethane	6.513	83	172571	47.80	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	192356	47.30	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	467074	113.27	ug/L	97
42) Toluene	7.390	91	541427	49.39	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	198704	49.70	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	132806	51.98	ug/L	99
46) Tetrachloroethene	7.979	164	91451	48.11	ug/L	97
48) 2-Hexanone	8.143	43	383058	118.93	ug/L	96
49) Dibromochloromethane	8.249	129	129982	48.87	ug/L	96
50) 1,2-Dibromoethane	8.355	107	137847	50.38	ug/L	99
51) Chlorobenzene	8.886	112	337400	47.58	ug/L	99
52) Ethylbenzene	9.017	91	587164	47.31	ug/L	100
53) m,p-Xylene	9.143	106	213329	47.07	ug/L	99
54) o-xylene	9.548	106	212452	48.43	ug/L	100
55) Styrene	9.564	104	388545	50.72	ug/L	94
56) Isopropylbenzene	9.937	105	568150	47.86	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.246	83	202126	53.27	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	180394	51.92	ug/L	98
61) Bromoform	9.734	173	89514	50.81	ug/L	98
62) 1,3-Dichlorobenzene	11.188	146	267931	47.46	ug/L	96
63) 1,4-Dichlorobenzene	11.278	146	273752	46.46	ug/L	96
65) 1,2-Dichlorobenzene	11.647	146	265748	47.29	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.432	75	47147	55.56	ug/L	98
67) 1,3,5-Trichlorobenzene	12.651	180	178928	44.50	ug/L	100
68) 1,2,4-trichlorobenzene	13.268	180	155448	44.54	ug/L	98
69) Naphthalene	13.509	128	551942	48.63	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	161722	46.74	ug/L	97

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

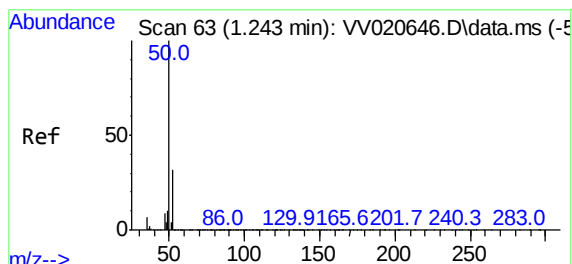
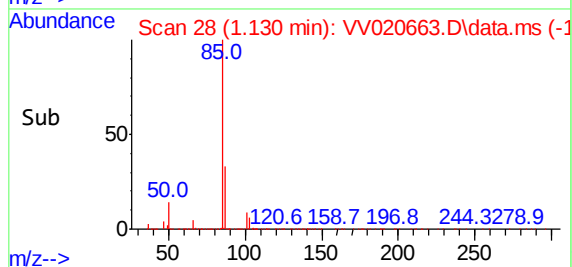
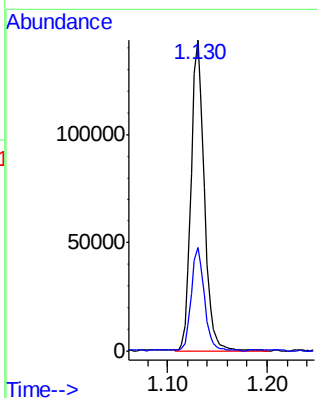
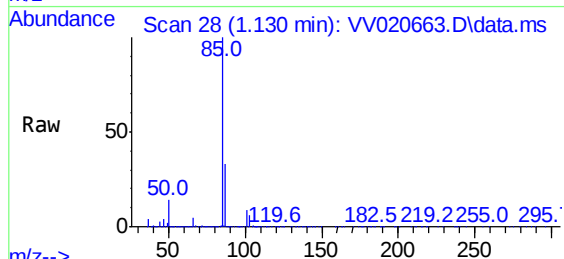


#2

Dichlorodifluoromethane
Concen: 46.00 ug/L
RT: 1.130 min Scan# 28
Delta R.T. -0.000 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD05081

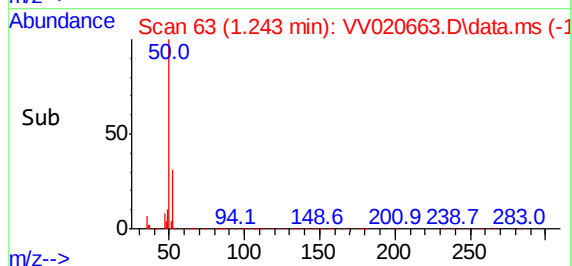
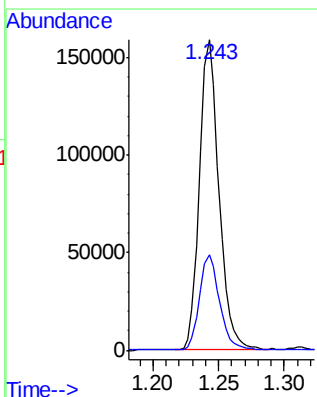
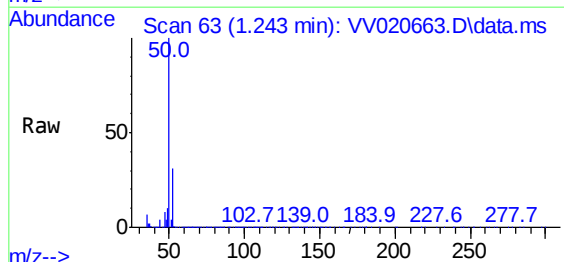
Tgt Ion: 85 Resp: 132127
Ion Ratio Lower Upper
85 100
87 32.5 25.9 38.9

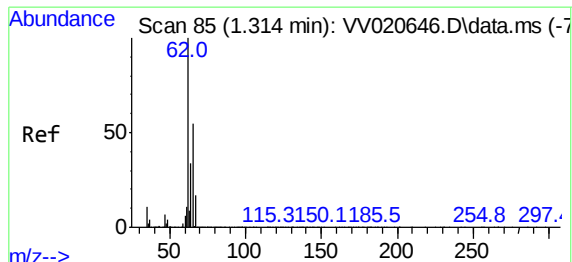


#3

Chloromethane
Concen: 49.18 ug/L
RT: 1.243 min Scan# 63
Delta R.T. -0.000 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

Tgt Ion: 50 Resp: 163420
Ion Ratio Lower Upper
50 100
52 30.9 22.7 42.1

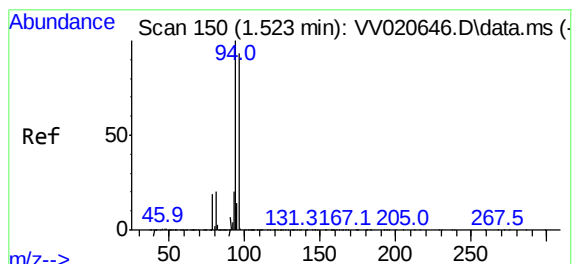
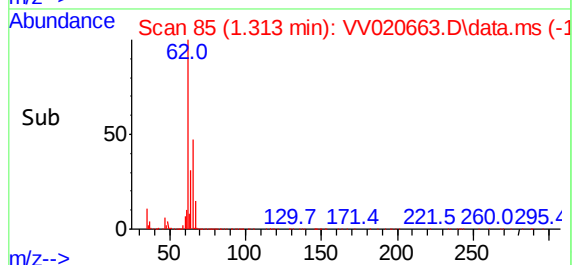
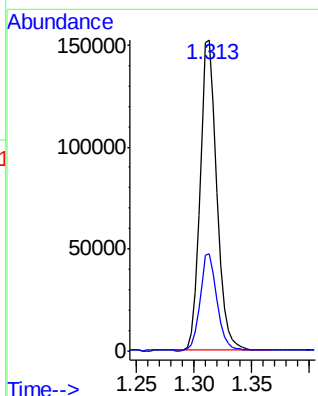
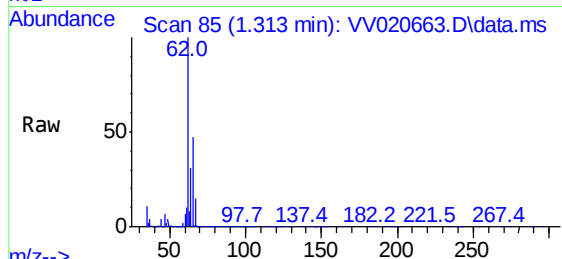




#5
 Vinyl chloride
 Concen: 46.86 ug/L
 RT: 1.313 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV020663.D
 Acq: 17 Mar 2021 18:26

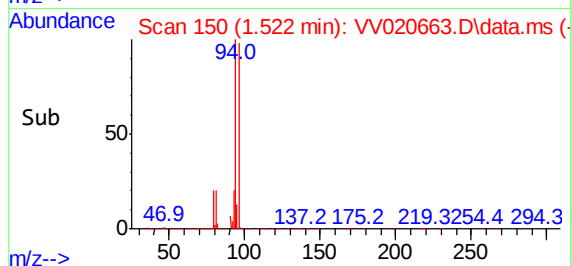
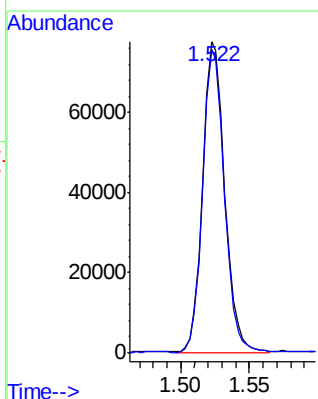
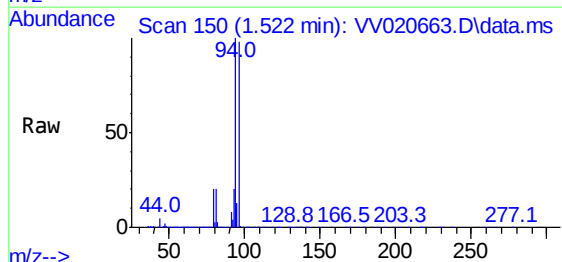
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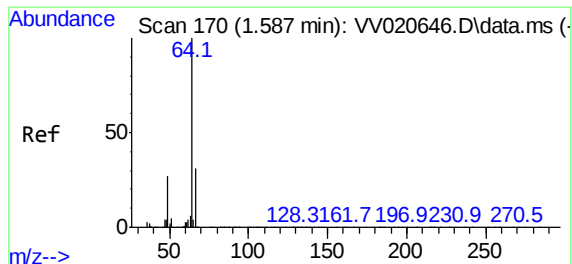
Tgt Ion: 62 Resp: 156101
 Ion Ratio Lower Upper
 62 100
 64 31.2 23.0 42.6



#6
 Bromomethane
 Concen: 44.12 ug/L
 RT: 1.522 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV020663.D
 Acq: 17 Mar 2021 18:26

Tgt Ion: 94 Resp: 86580
 Ion Ratio Lower Upper
 94 100
 96 97.6 63.6 118.2

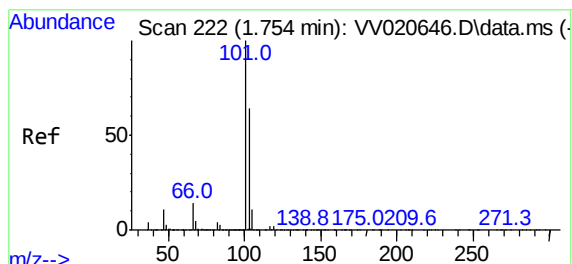
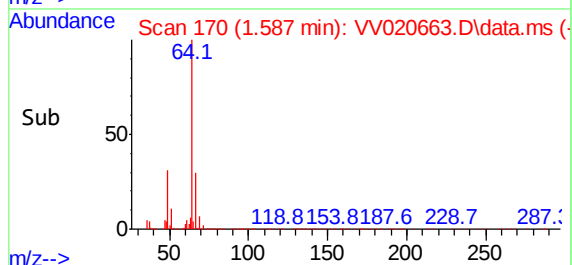
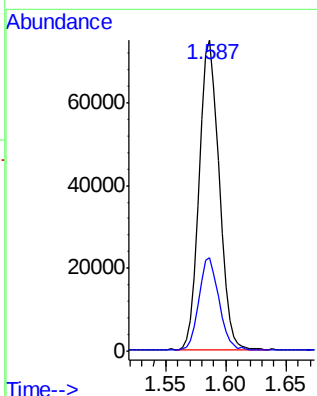
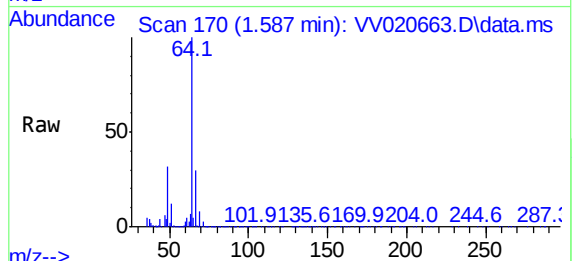




#8
Chloroethane
Concen: 41.28 ug/L
RT: 1.587 min Scan# 170
Delta R.T. -0.000 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

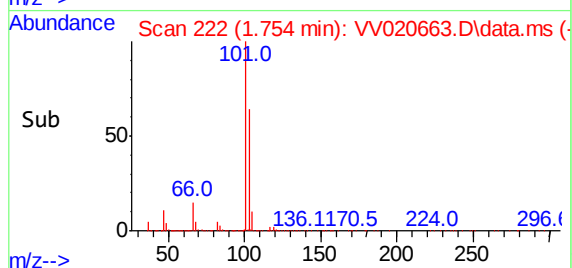
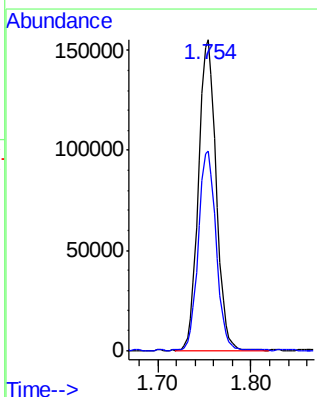
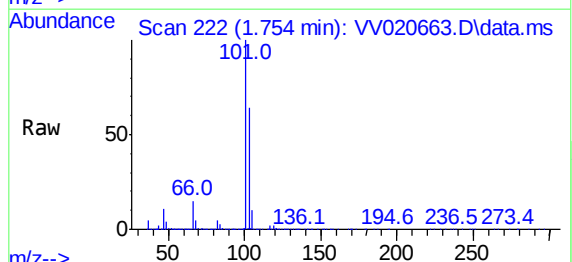
Instrument :
MSVOA_V
ClientSampleId :
VSTD05081

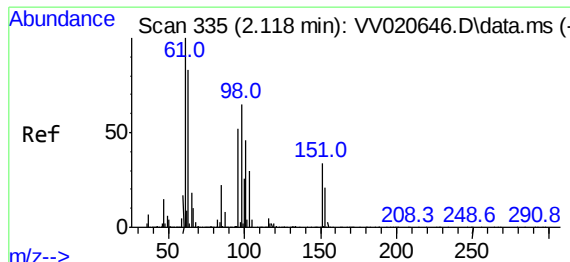
Tgt Ion: 64 Resp: 83435
Ion Ratio Lower Upper
64 100
66 29.9 22.4 41.6



#9
Trichlorofluoromethane
Concen: 46.24 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

Tgt Ion: 101 Resp: 205253
Ion Ratio Lower Upper
101 100
103 64.2 51.7 77.5

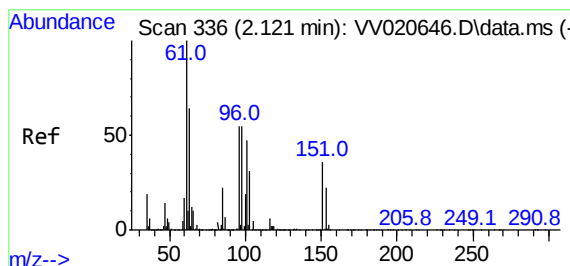
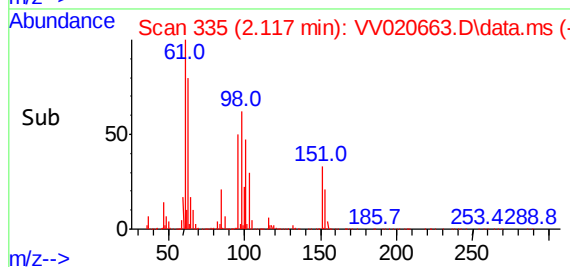
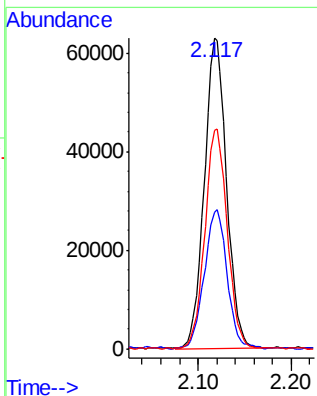
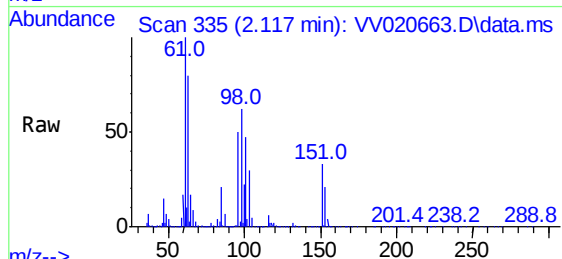




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 43.21 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV020663.D
 Acq: 17 Mar 2021 18:26

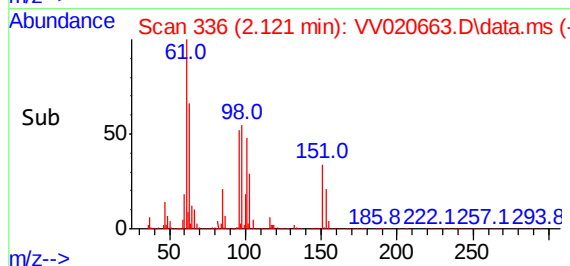
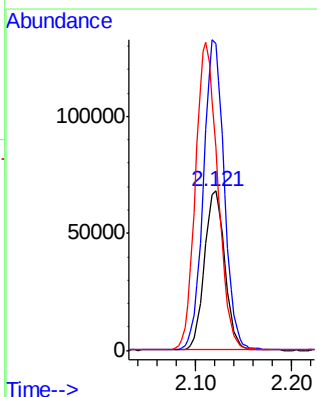
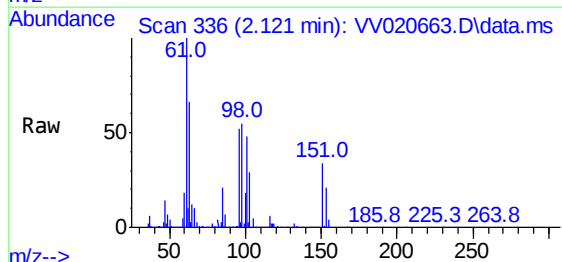
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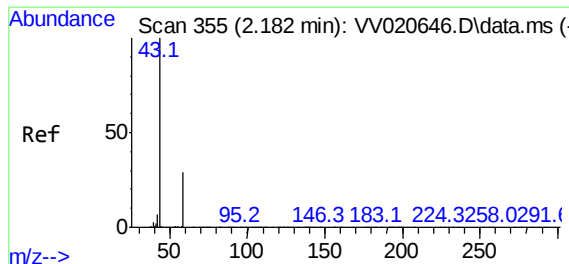
Tgt Ion:101 Resp: 104583
 Ion Ratio Lower Upper
 101 100
 85 46.1 35.3 52.9
 151 71.4 53.6 80.4



#12
 1,1-Dichloroethene
 Concen: 42.44 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV020663.D
 Acq: 17 Mar 2021 18:26

Tgt Ion: 96 Resp: 99674
 Ion Ratio Lower Upper
 96 100
 61 192.6 134.9 250.5
 63 127.4 117.6 218.4

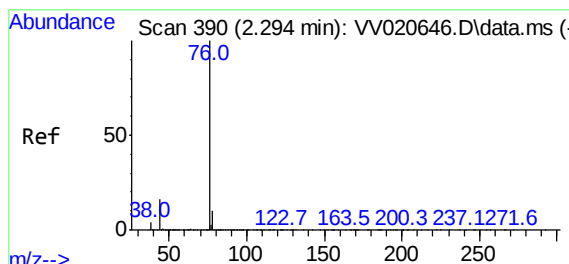
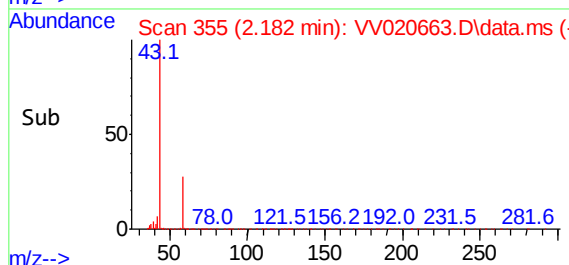
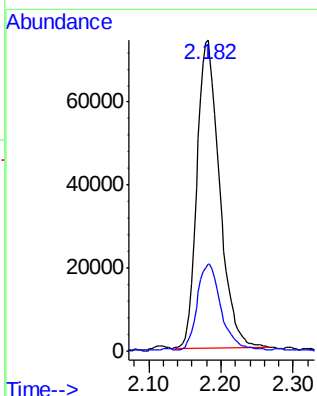
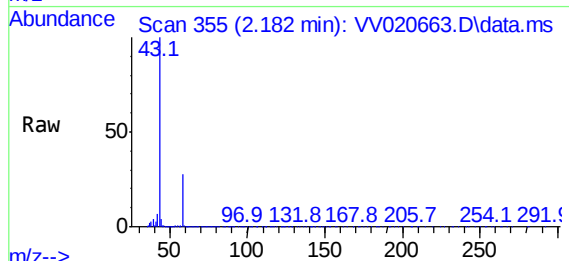




#13
Acetone
Concen: 109.65 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.000 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

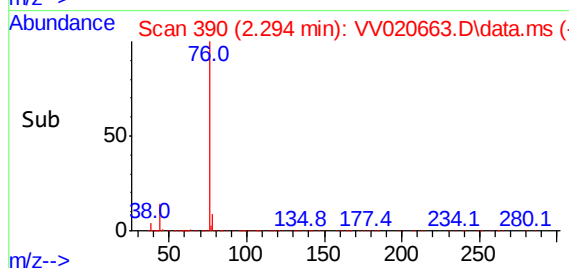
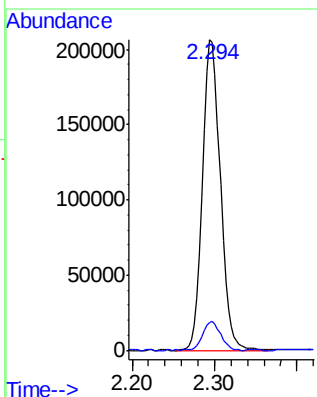
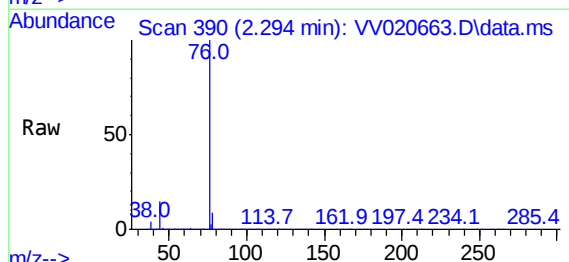
Instrument :
MSVOA_V
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VSTD05081

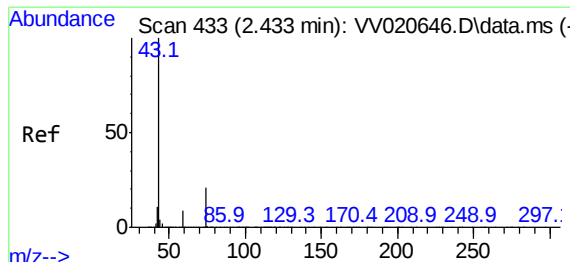
Tgt Ion: 43 Resp: 161314
Ion Ratio Lower Upper
43 100
58 29.1 0.0 60.2



#14
Carbon disulfide
Concen: 43.44 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

Tgt Ion: 76 Resp: 309339
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

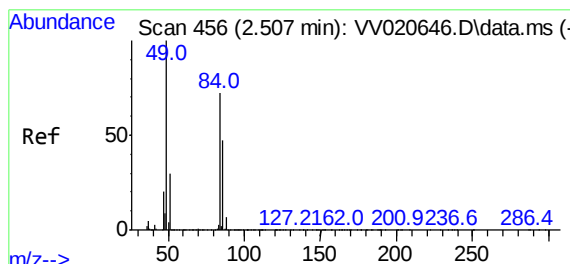
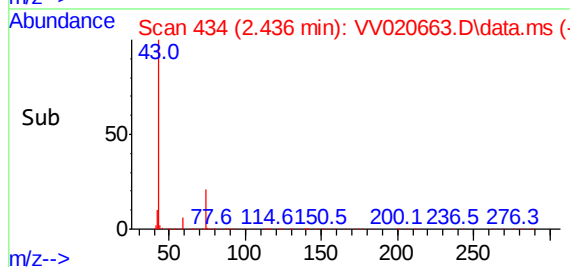
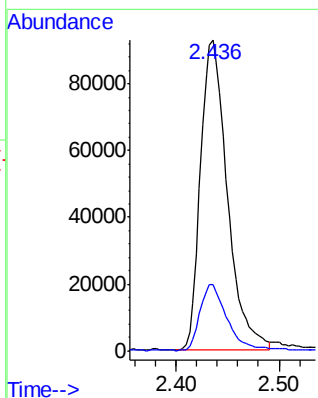
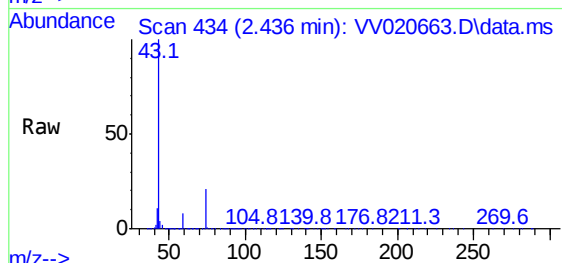




#15
Methyl Acetate
Concen: 59.43 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.003 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

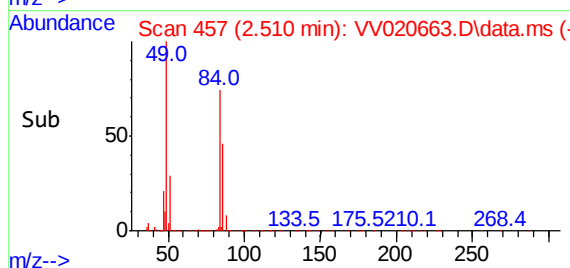
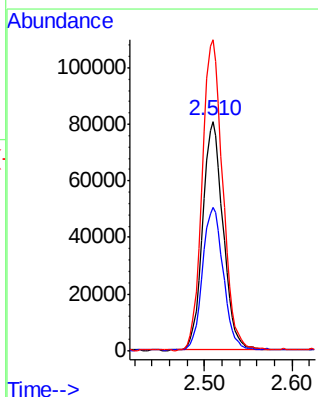
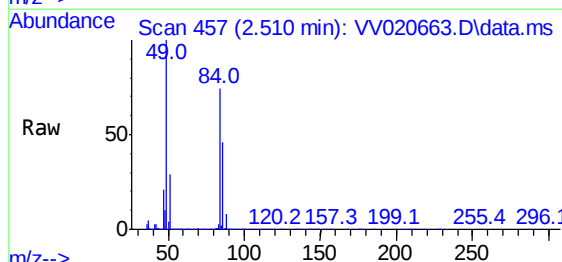
Instrument :
MSVOA_V
ClientSampleId :
VSTD05081

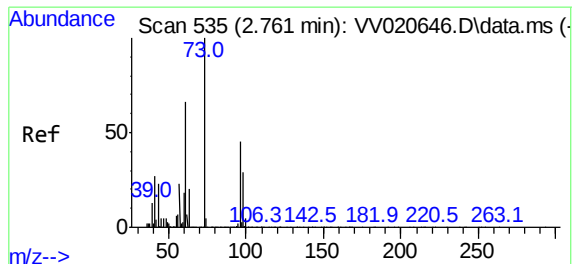
Tgt Ion: 43 Resp: 167433
Ion Ratio Lower Upper
43 100
74 21.6 17.6 26.4



#16
Methylene chloride
Concen: 48.14 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

Tgt Ion: 84 Resp: 131000
Ion Ratio Lower Upper
84 100
86 62.2 44.6 82.8
49 135.5 94.6 175.8

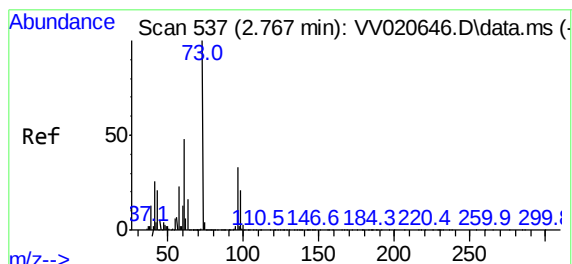
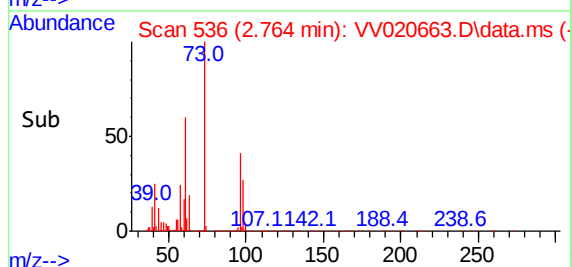
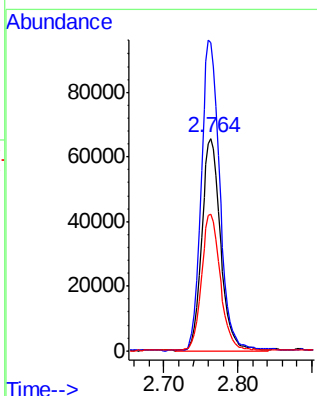
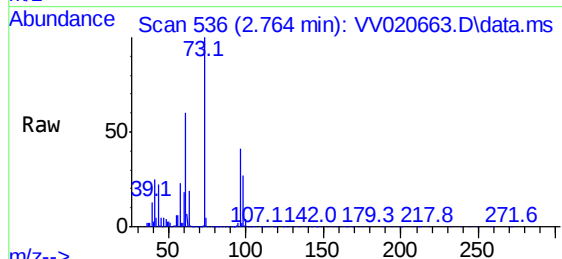




#17
trans-1,2-Dichloroethene
Concen: 45.89 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

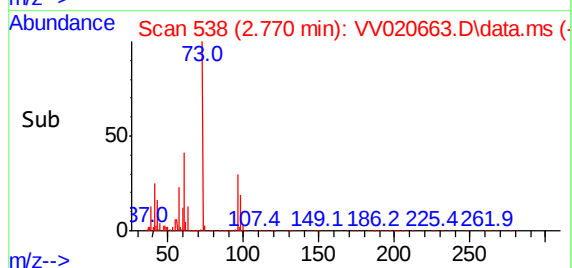
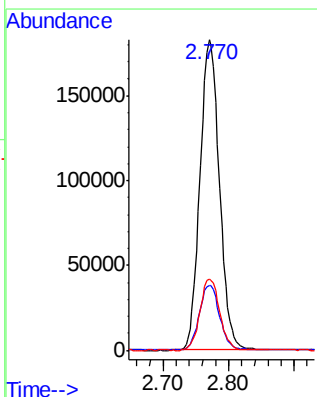
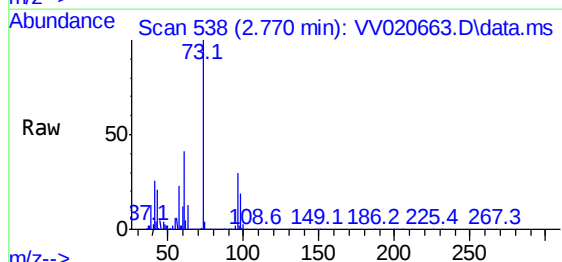
Instrument :
MSVOA_V
ClientSampleId :
VSTD05081

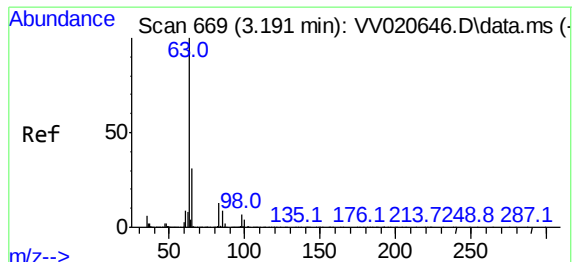
Tgt Ion: 96 Resp: 115142
Ion Ratio Lower Upper
96 100
61 145.1 103.1 191.5
98 64.6 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 49.10 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

Tgt Ion: 73 Resp: 374654
Ion Ratio Lower Upper
73 100
43 21.4 17.3 25.9
57 23.2 17.9 26.9

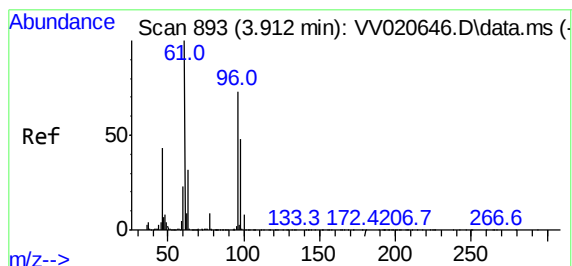
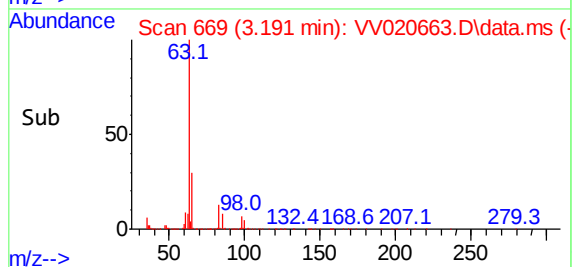
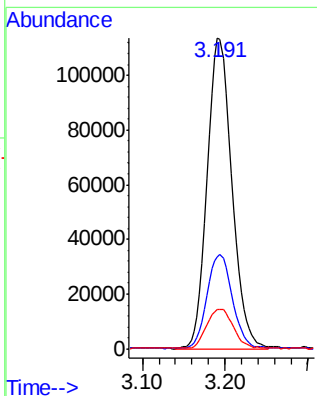
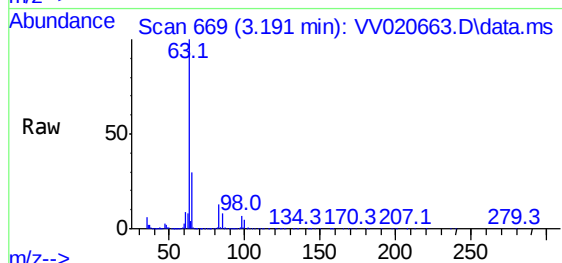




#19
1,1-Dichloroethane
Concen: 49.11 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.000 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

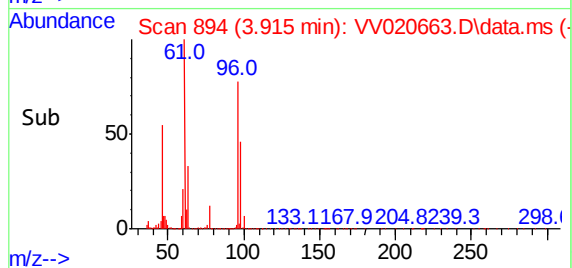
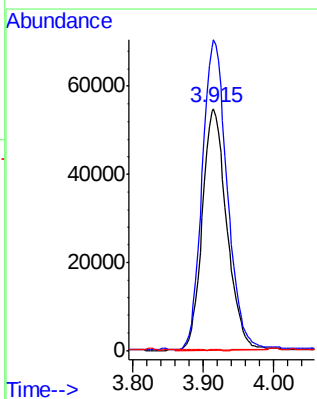
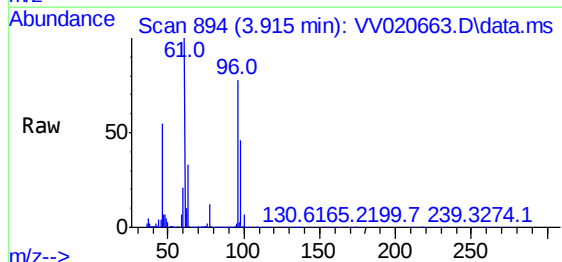
Instrument :
MSVOA_V
ClientSampleId :
VSTD05081

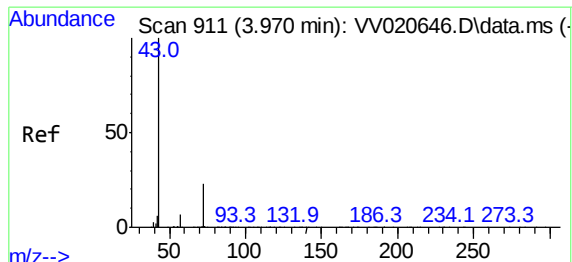
Tgt Ion: 63 Resp: 235073
Ion Ratio Lower Upper
63 100
65 29.7 21.9 40.7
83 12.5 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 51.03 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

Tgt Ion: 96 Resp: 132158
Ion Ratio Lower Upper
96 100
61 128.4 96.9 179.9
68 0.4 0.0 0.0#

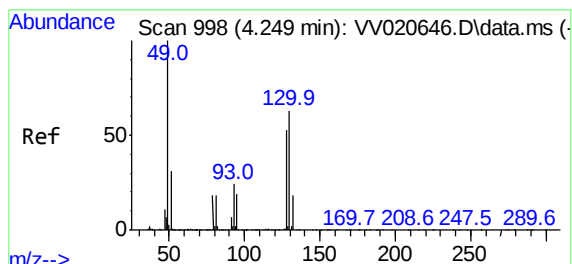
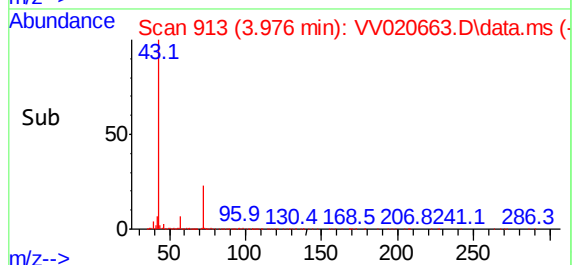
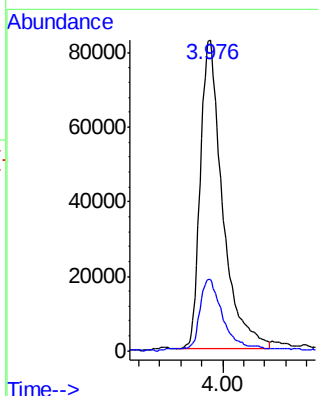
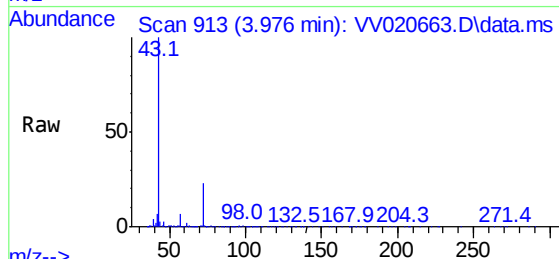




#22
2-Butanone
Concen: 119.55 ug/L
RT: 3.976 min Scan# 913
Delta R.T. 0.006 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

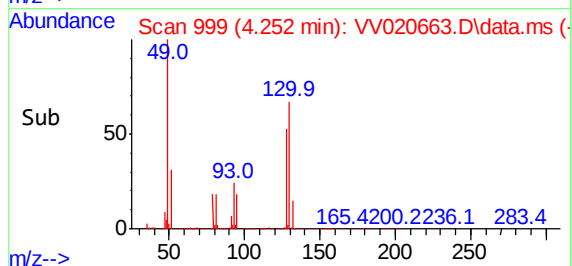
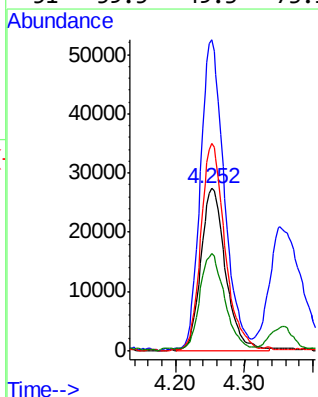
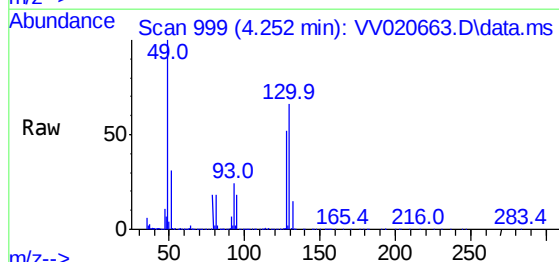
Instrument :
MSVOA_V
ClientSampleId :
VSTD05081

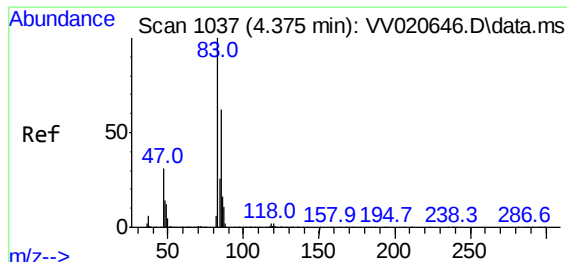
Tgt Ion: 43 Resp: 243265
Ion Ratio Lower Upper
43 100
72 21.2 12.2 36.6



#23
Bromochloromethane
Concen: 52.50 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.003 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

Tgt Ion: 128 Resp: 67842
Ion Ratio Lower Upper
128 100
49 191.8 133.1 247.1
130 127.5 89.0 165.4
51 59.5 49.3 73.9

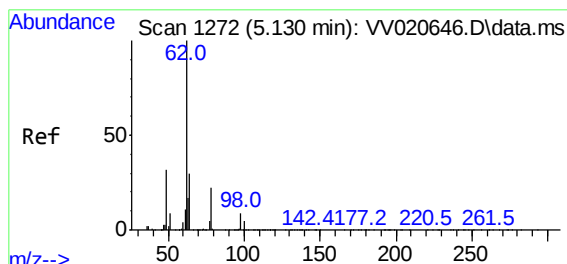
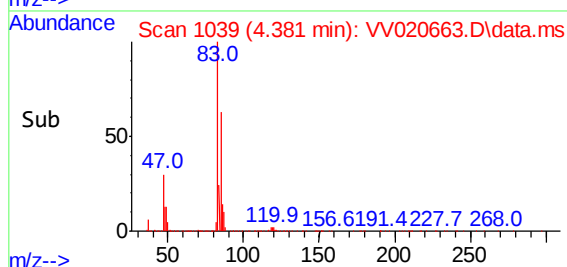
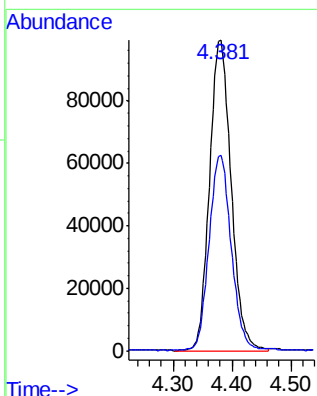
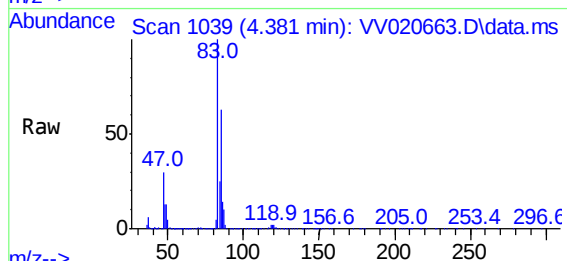




#25
Chloroform
Concen: 50.17 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

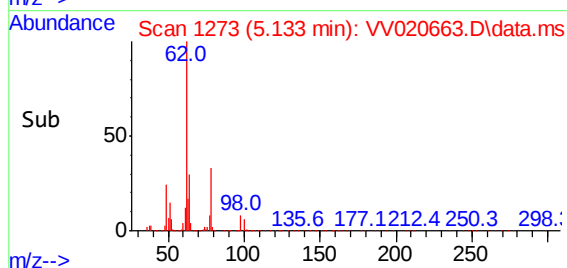
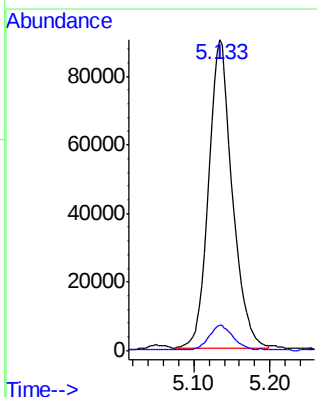
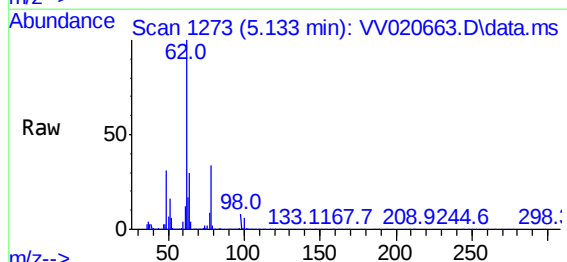
Instrument :
MSVOA_V
ClientSampleId :
VSTD05081

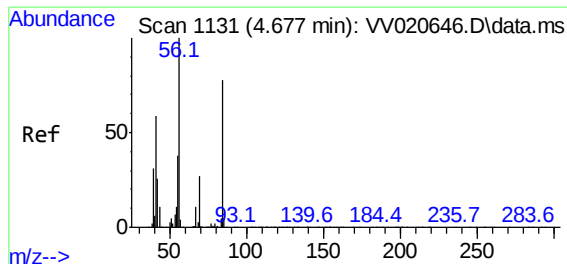
Tgt Ion: 83 Resp: 250829
Ion Ratio Lower Upper
83 100
85 62.7 44.2 82.2



#27
1,2-Dichloroethane
Concen: 49.14 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

Tgt Ion: 62 Resp: 194078
Ion Ratio Lower Upper
62 100
98 8.3 6.9 10.3

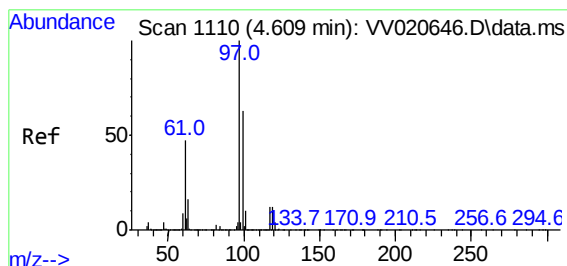
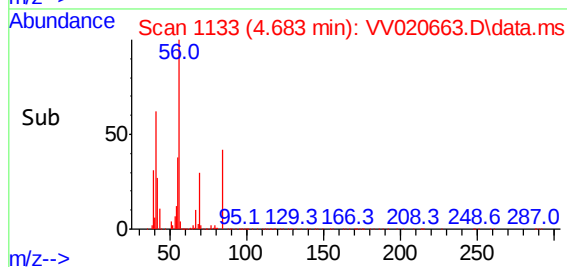
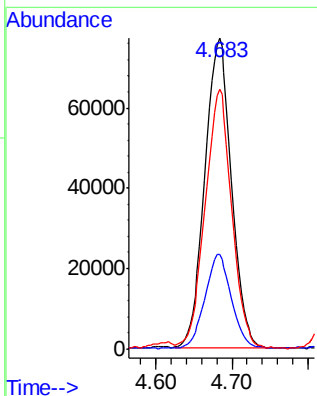
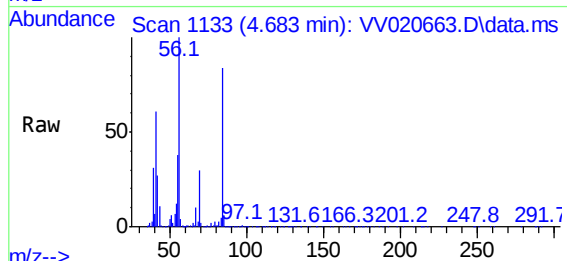




#29
Cyclohexane
Concen: 43.96 ug/L
RT: 4.683 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

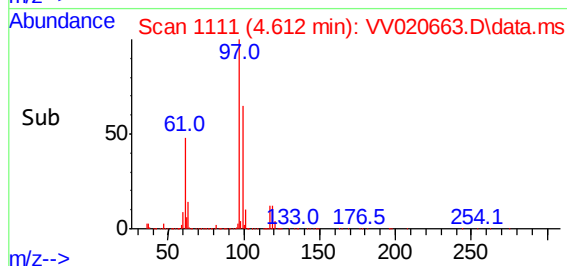
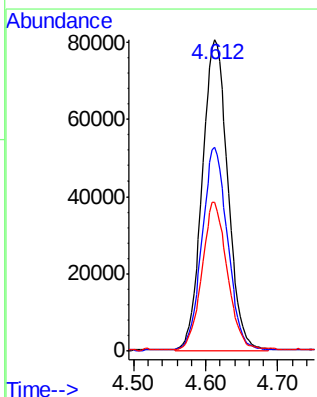
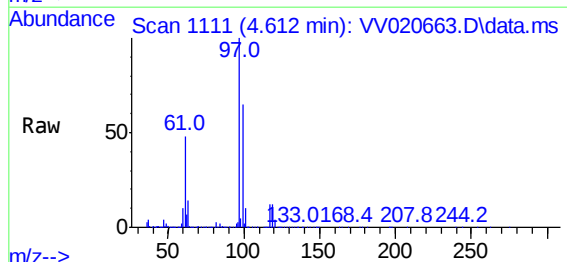
Instrument :
MSVOA_V
ClientSampleId :
VSTD05081

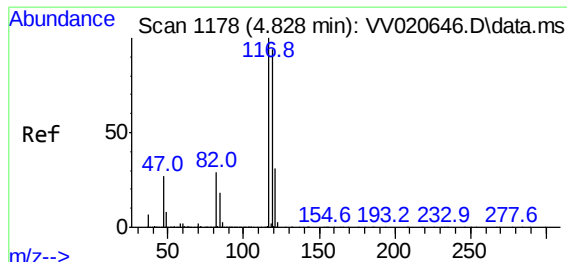
Tgt Ion: 56 Resp: 187354
Ion Ratio Lower Upper
56 100
69 30.0 24.2 36.2
84 83.6 66.3 99.5



#30
1,1,1-Trichloroethane
Concen: 46.95 ug/L
RT: 4.612 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

Tgt Ion: 97 Resp: 197487
Ion Ratio Lower Upper
97 100
99 65.1 51.2 76.8
61 46.6 38.5 57.7

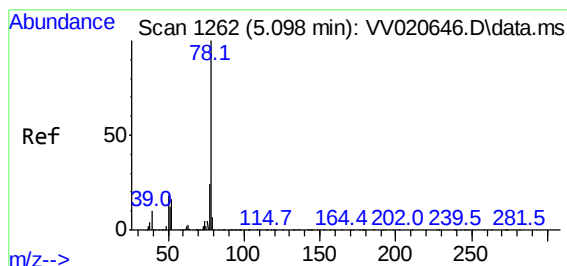
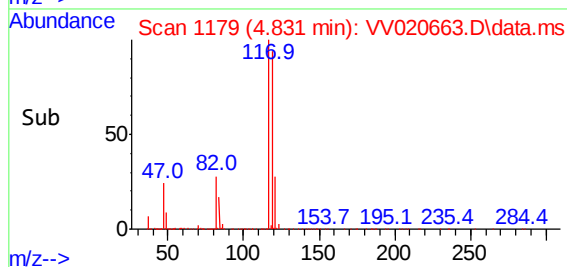
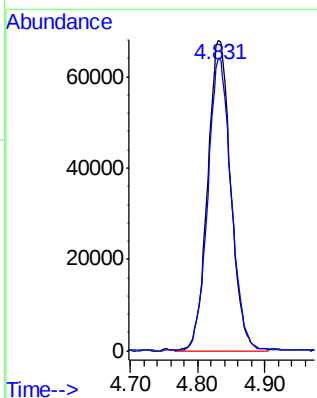
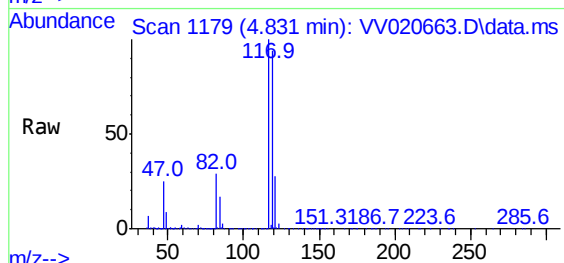




#31
Carbon tetrachloride
Concen: 47.84 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

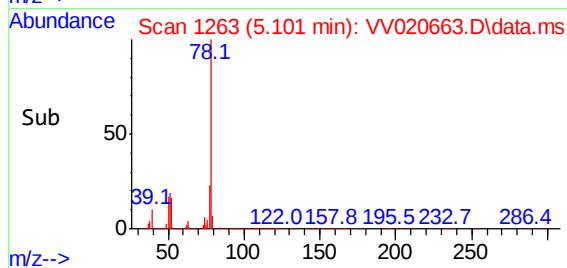
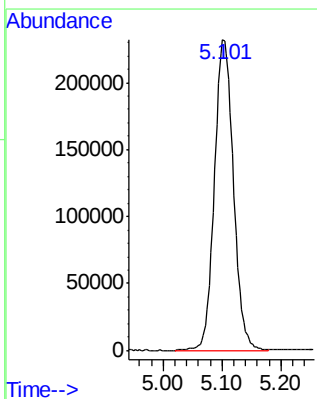
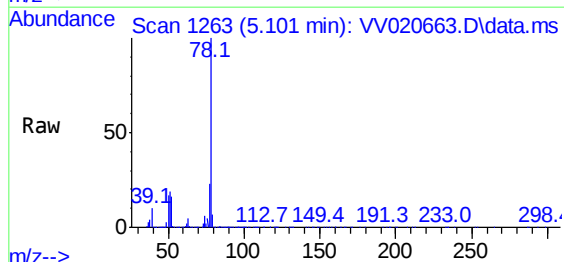
Instrument :
MSVOA_V
ClientSampleId :
VSTD05081

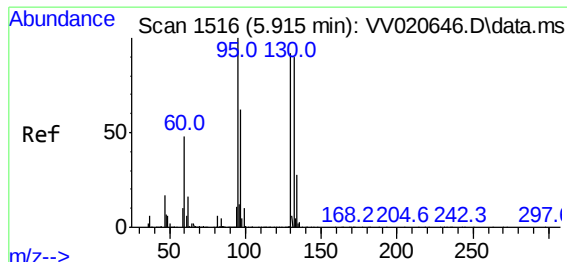
Tgt Ion:117 Resp: 163500
Ion Ratio Lower Upper
117 100
119 94.0 76.3 114.5



#33
Benzene
Concen: 48.84 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

Tgt Ion: 78 Resp: 512827





#34

Trichloroethene

Concen: 47.62 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.003 min

Lab File: VV020663.D

Acq: 17 Mar 2021 18:26

Tgt Ion: 95 Resp: 141076

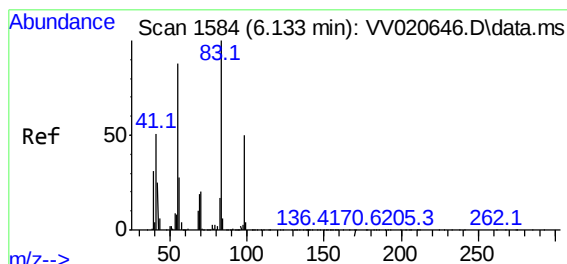
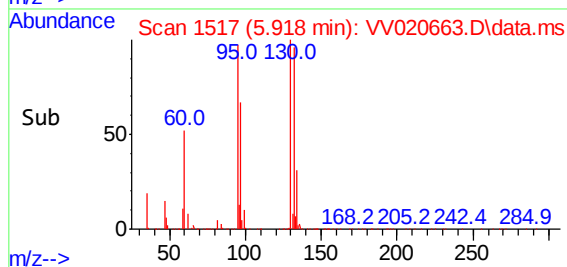
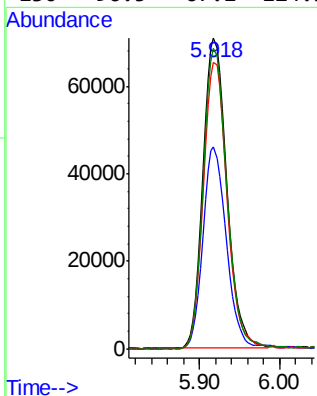
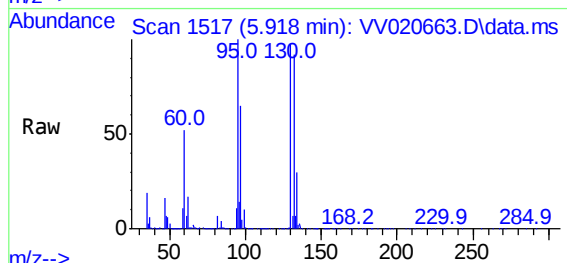
Ion Ratio Lower Upper

95 100

97 64.9 44.5 82.7

132 92.4 63.4 117.8

130 96.5 67.1 124.5



#35

Methylcyclohexane

Concen: 44.67 ug/L

RT: 6.136 min Scan# 1585

Delta R.T. 0.003 min

Lab File: VV020663.D

Acq: 17 Mar 2021 18:26

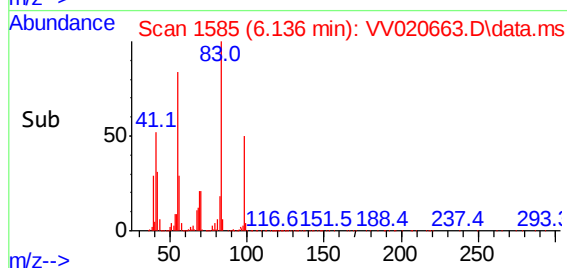
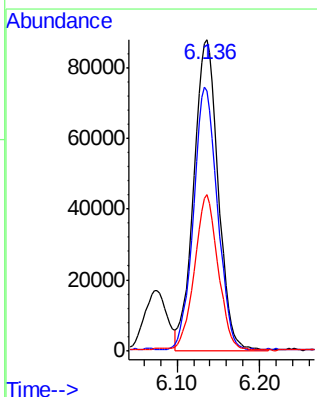
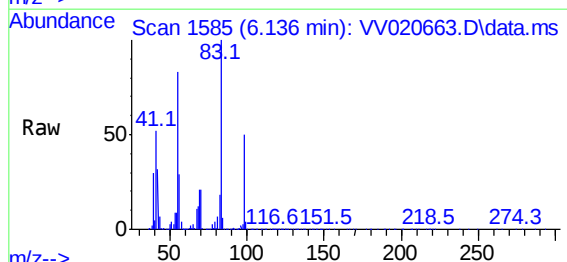
Tgt Ion: 83 Resp: 181888

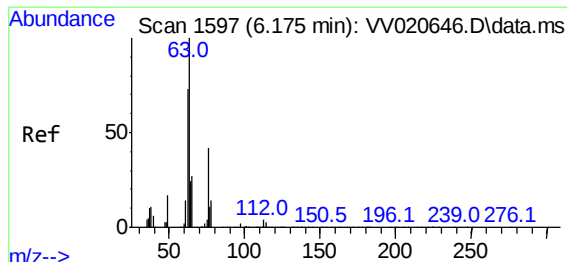
Ion Ratio Lower Upper

83 100

55 83.5 65.1 97.7

98 47.4 38.2 57.2

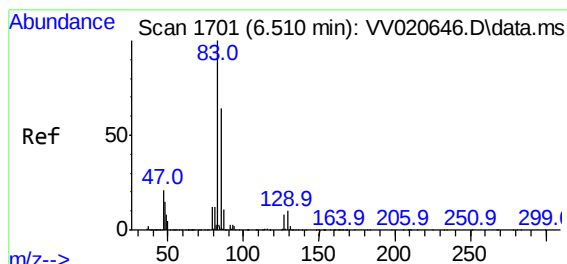
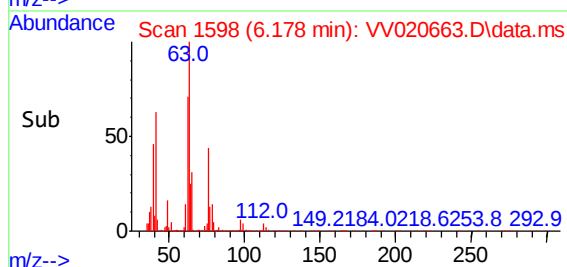
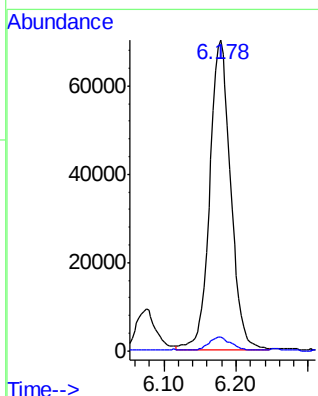
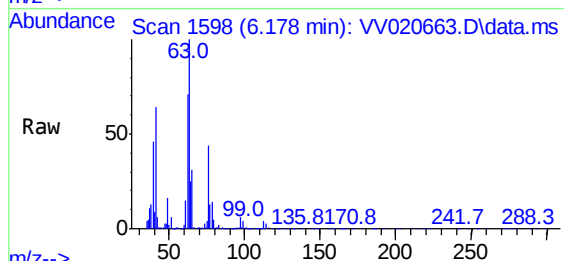




#37
1,2-Dichloropropane
Concen: 51.10 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.003 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

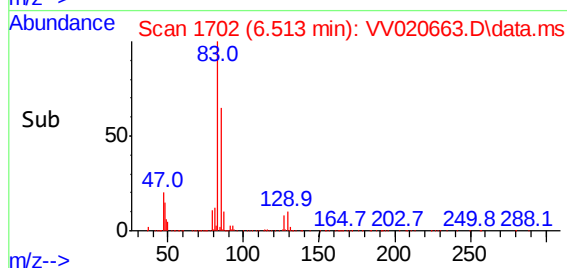
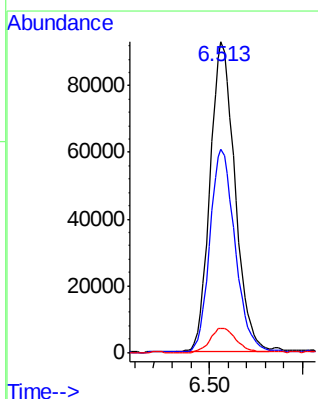
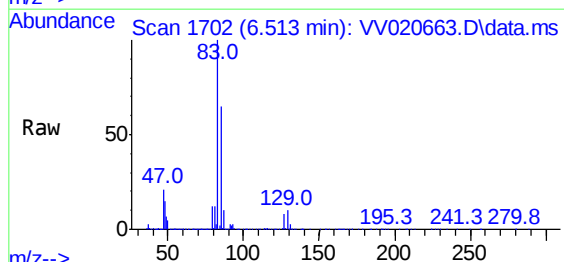
Instrument :
MSVOA_V
ClientSampleId :
VSTD05081

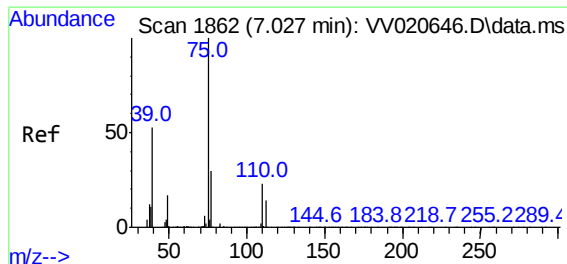
Tgt Ion: 63 Resp: 140100
Ion Ratio Lower Upper
63 100
112 4.7 3.3 4.9



#38
Bromodichloromethane
Concen: 47.80 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

Tgt Ion: 83 Resp: 172571
Ion Ratio Lower Upper
83 100
85 65.3 44.5 82.7
127 7.9 6.3 9.5

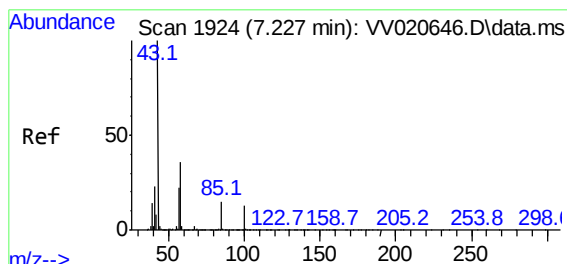
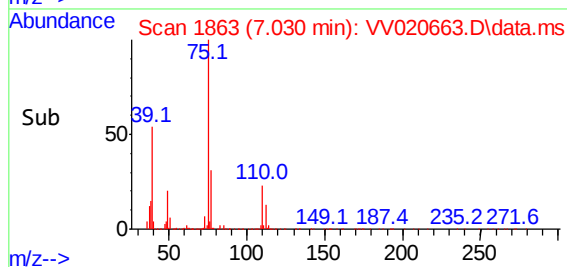
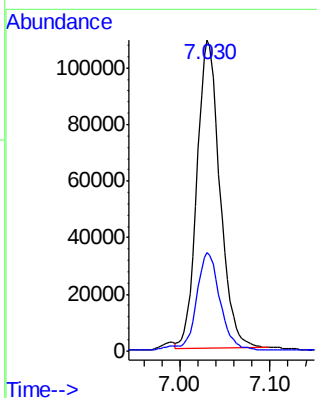
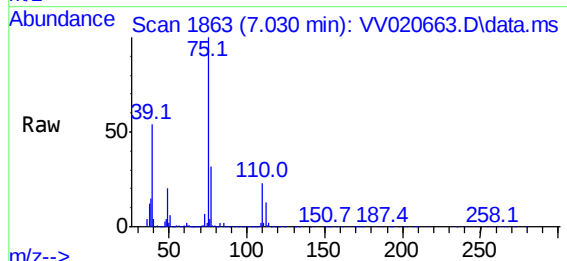




#39
cis-1,3-Dichloropropene
Concen: 47.30 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

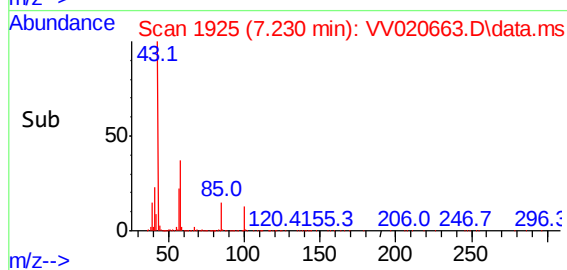
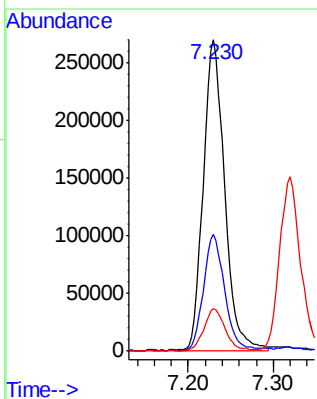
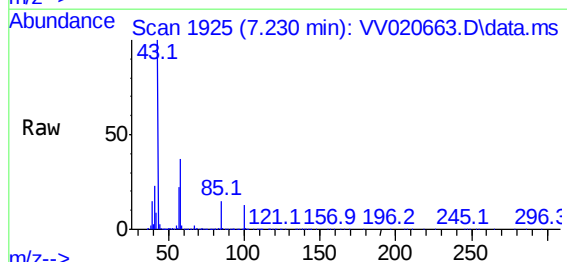
Instrument :
MSVOA_V
ClientSampleId :
VSTD05081

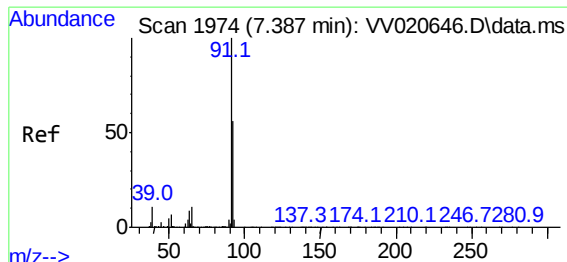
Tgt Ion: 75 Resp: 192356
Ion Ratio Lower Upper
75 100
77 31.6 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 113.27 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.003 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

Tgt Ion: 43 Resp: 467074
Ion Ratio Lower Upper
43 100
58 36.8 30.7 46.1
100 13.3 11.6 17.4





#42

Toluene

Concen: 49.39 ug/L

RT: 7.390 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV020663.D

Acq: 17 Mar 2021 18:26

Tgt Ion: 91 Resp: 541427

Ion Ratio Lower Upper

91 100

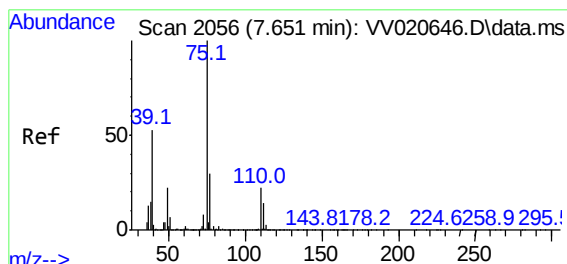
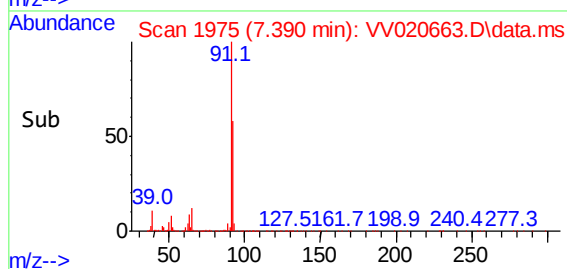
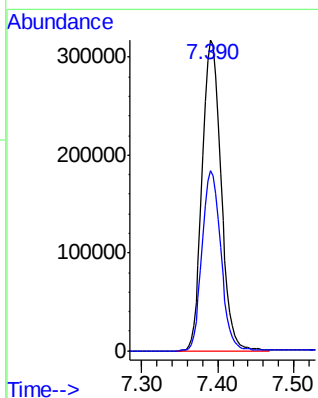
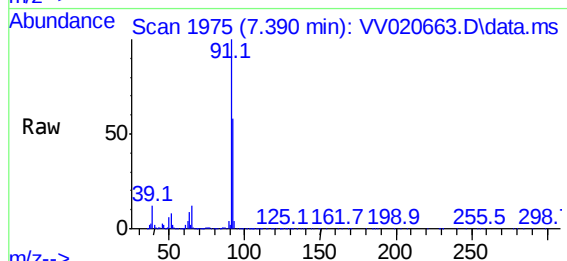
92 58.2 40.7 75.7

Instrument :

MSVOA_V

ClientSampleId :

VSTD05081



#44

trans-1,3-Dichloropropene

Concen: 49.70 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV020663.D

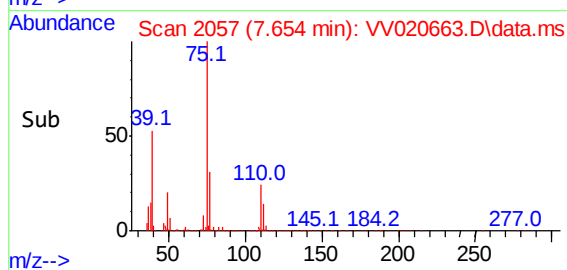
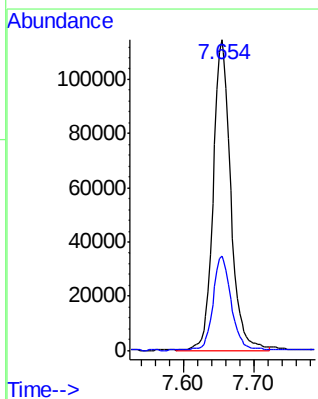
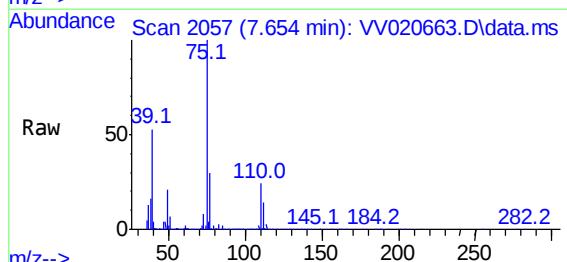
Acq: 17 Mar 2021 18:26

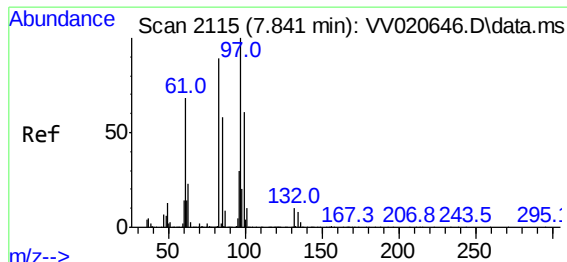
Tgt Ion: 75 Resp: 198704

Ion Ratio Lower Upper

75 100

77 30.5 22.0 41.0



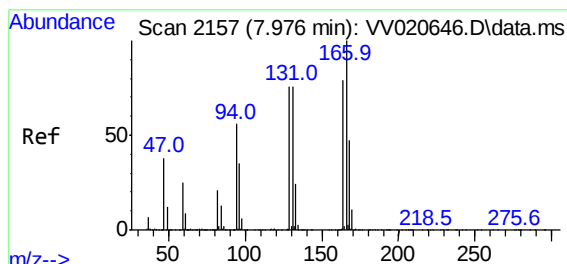
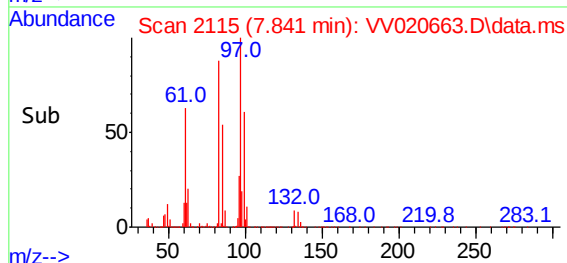
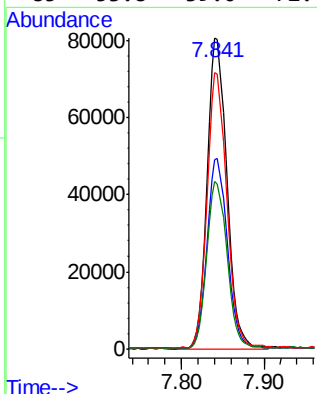
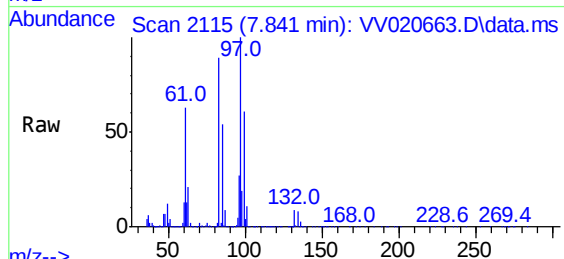


#45
1,1,2-Trichloroethane
Concen: 51.98 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD05081

Tgt Ion: 97 Resp: 132806

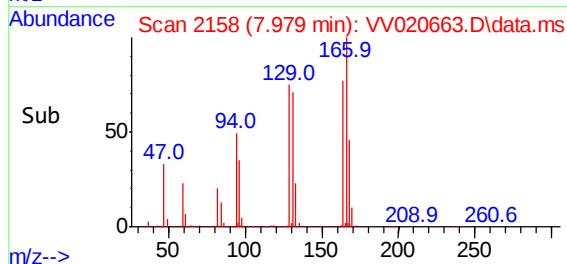
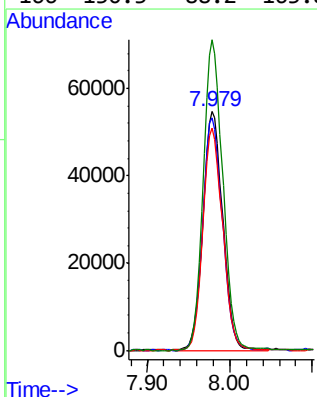
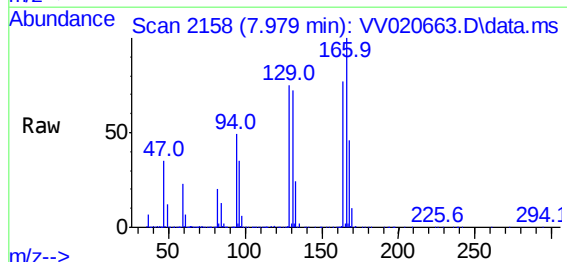
Ion	Ratio	Lower	Upper
97	100		
99	61.0	43.8	81.3
83	88.7	62.2	115.4
85	53.8	39.0	72.4

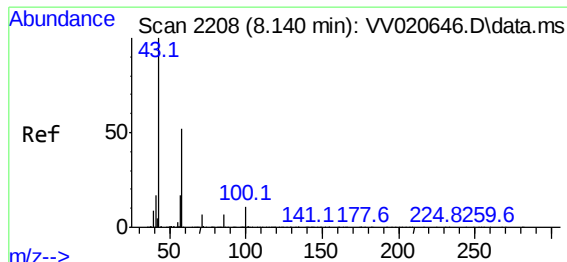


#46
Tetrachloroethene
Concen: 48.11 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

Tgt Ion: 164 Resp: 91451

Ion	Ratio	Lower	Upper
164	100		
129	97.8	70.6	131.0
131	93.2	66.8	124.0
166	130.3	88.2	163.8

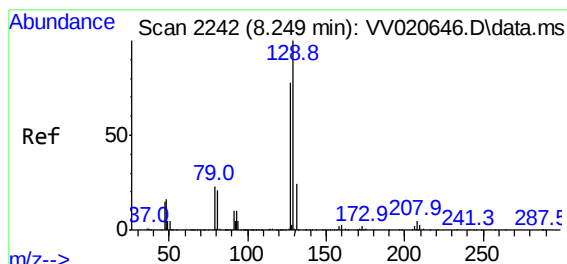
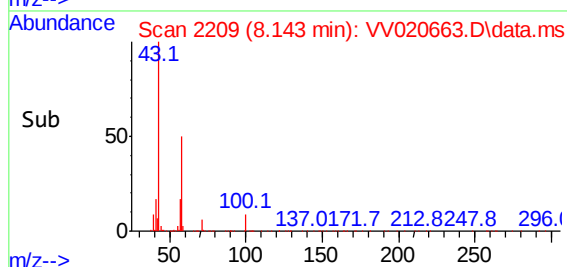
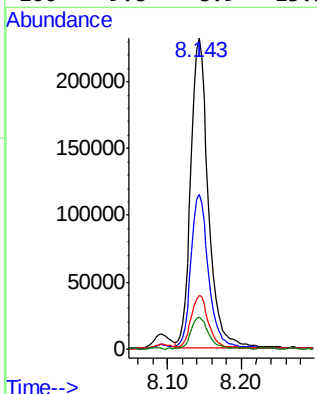
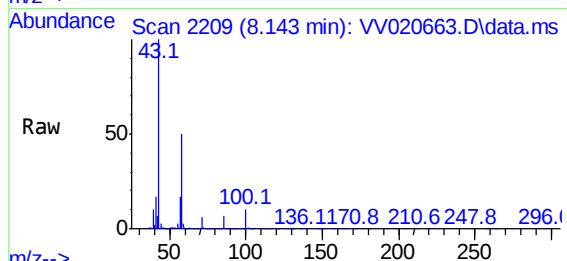




#48
2-Hexanone
Concen: 118.93 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

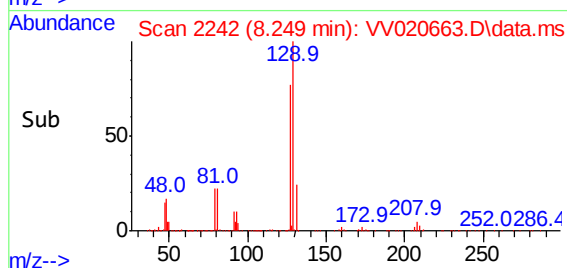
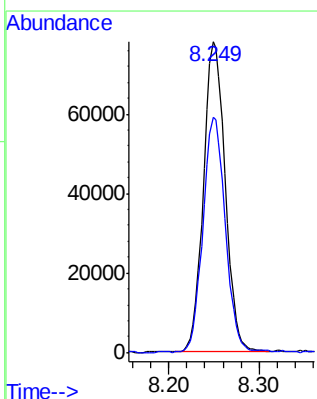
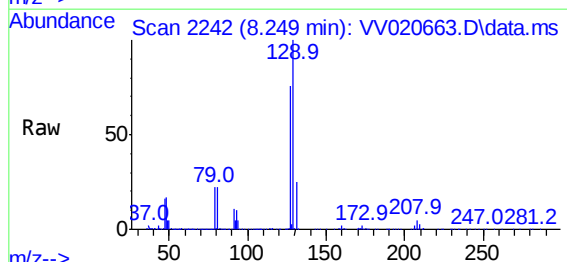
Instrument :
MSVOA_V
ClientSampleId :
VSTD05081

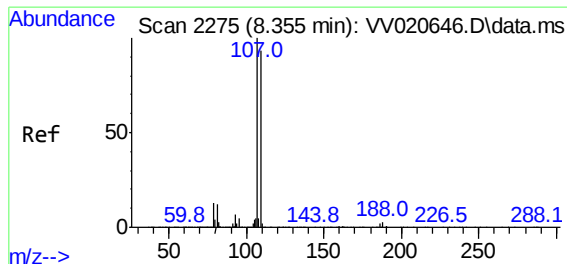
Tgt Ion: 43 Resp: 383058
Ion Ratio Lower Upper
43 100
58 49.5 41.8 62.6
57 16.1 15.0 22.4
100 9.8 8.9 13.3



#49
Dibromochloromethane
Concen: 48.87 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

Tgt Ion: 129 Resp: 129982
Ion Ratio Lower Upper
129 100
127 75.6 55.2 102.6

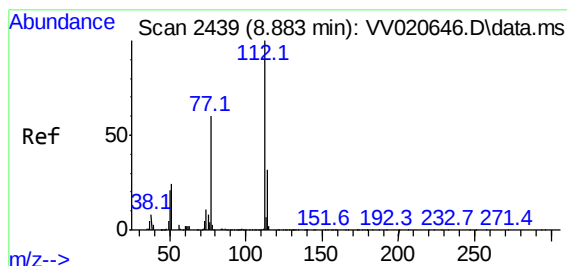
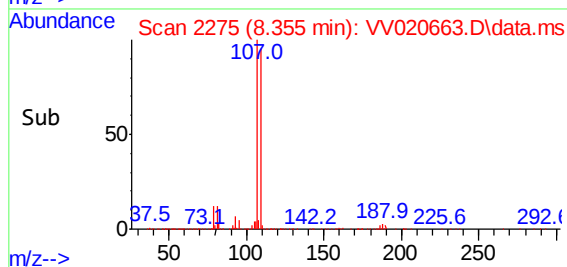
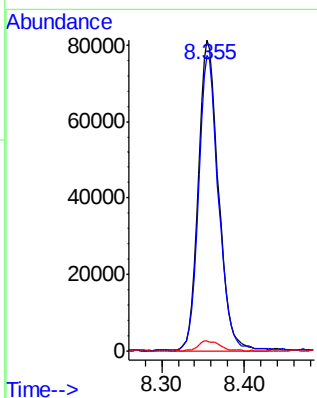
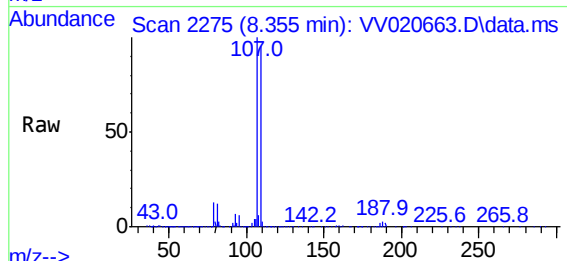




#50
1,2-Dibromoethane
Concen: 50.38 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

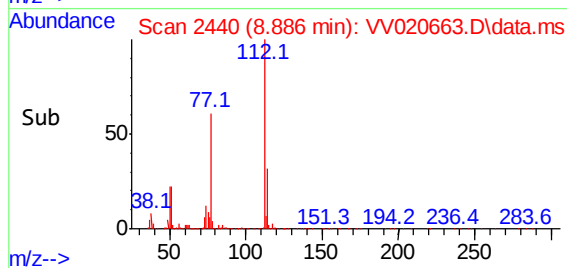
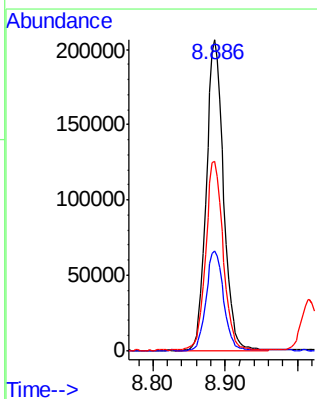
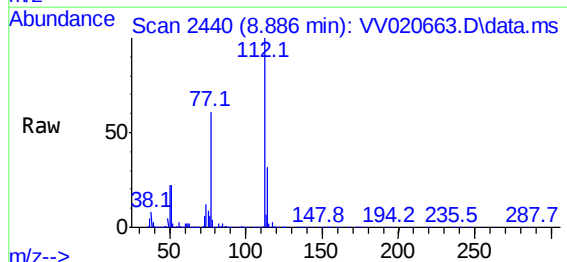
Instrument :
MSVOA_V
ClientSampleId :
VSTD05081

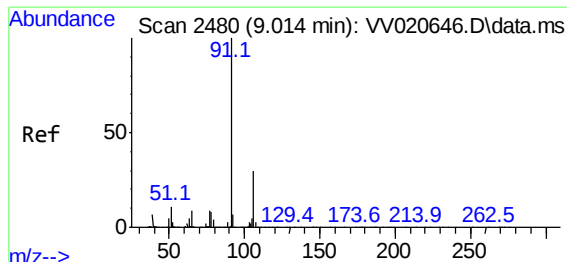
Tgt Ion:107 Resp: 137847
Ion Ratio Lower Upper
107 100
109 95.2 66.2 123.0
188 3.0 2.6 3.8



#51
Chlorobenzene
Concen: 47.58 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

Tgt Ion:112 Resp: 337400
Ion Ratio Lower Upper
112 100
114 32.1 22.2 41.2
77 61.0 49.0 73.6

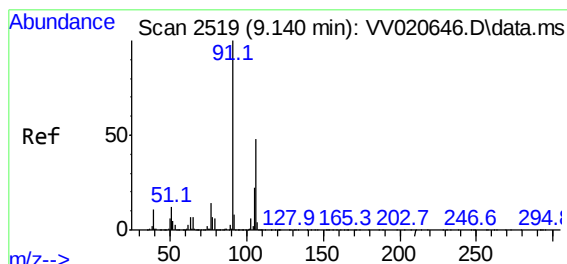
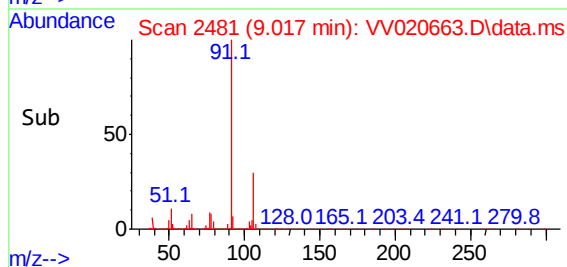
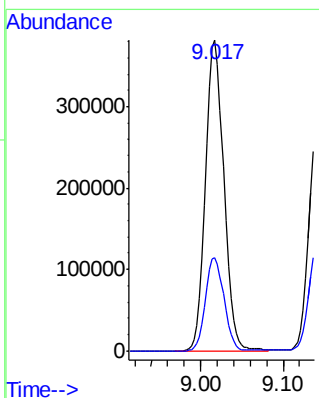
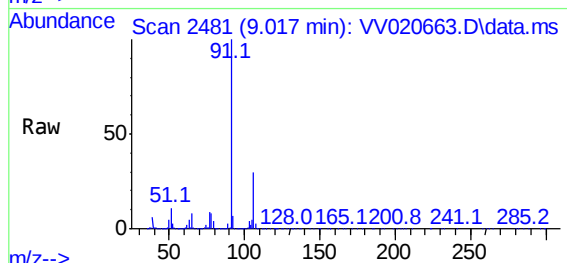




#52
Ethylbenzene
Concen: 47.31 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

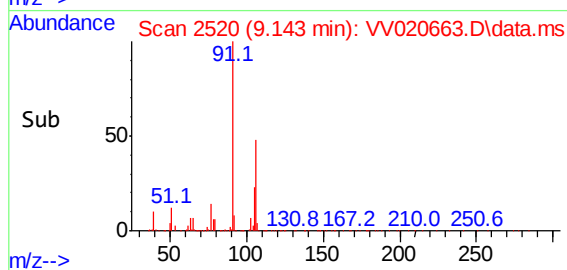
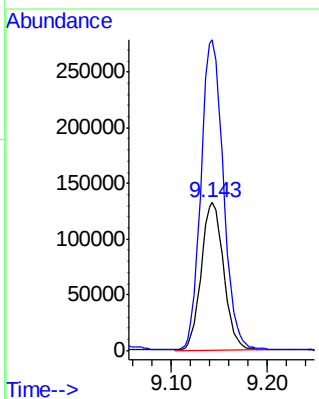
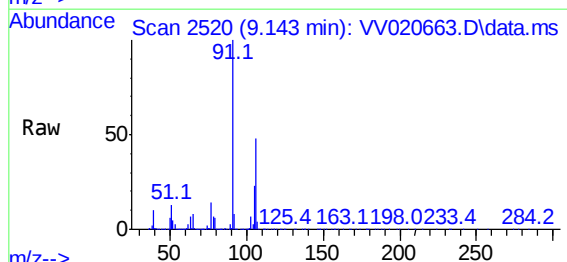
Instrument :
MSVOA_V
ClientSampleId :
VSTD05081

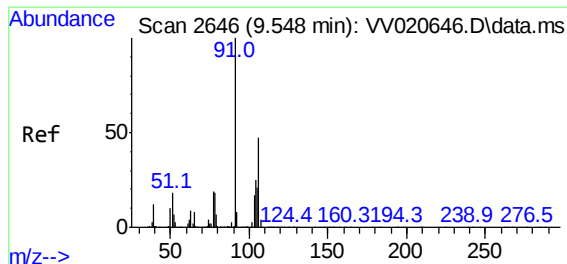
Tgt Ion: 91 Resp: 587164
Ion Ratio Lower Upper
91 100
106 29.8 21.0 39.0



#53
m,p-Xylene
Concen: 47.07 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

Tgt Ion: 106 Resp: 213329
Ion Ratio Lower Upper
106 100
91 209.8 148.1 275.0

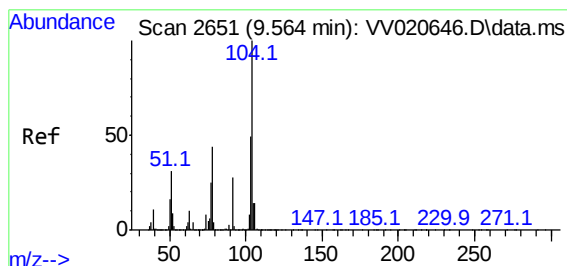
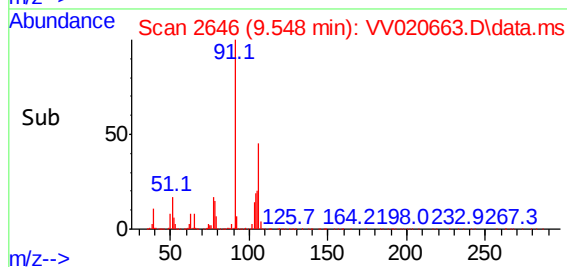
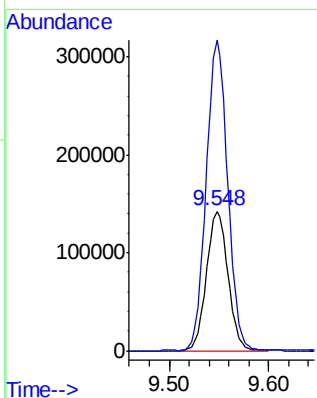
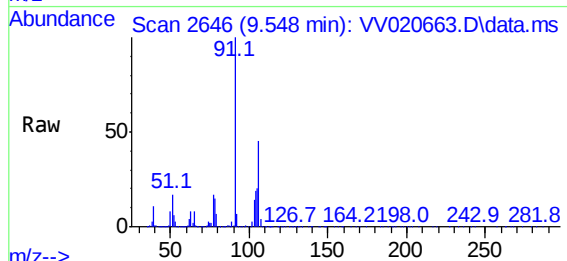




#54
o-xylene
Concen: 48.43 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

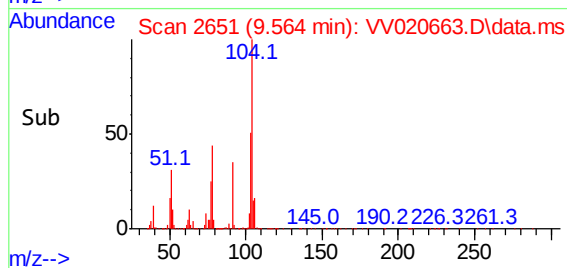
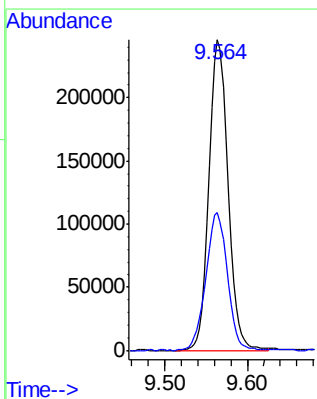
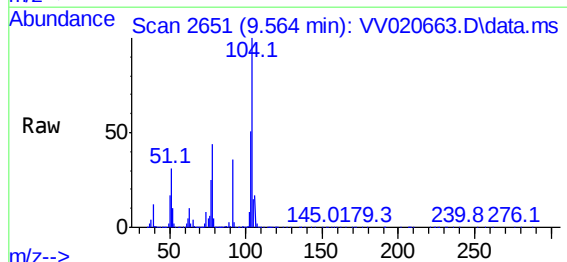
Instrument :
MSVOA_V
ClientSampleId :
VSTD05081

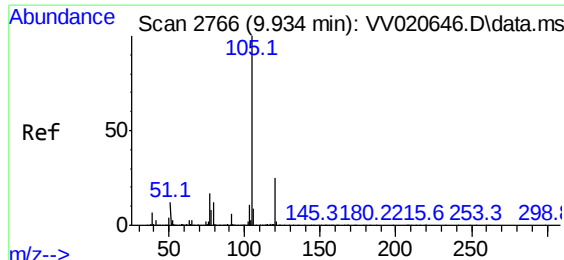
Tgt Ion:106 Resp: 212452
Ion Ratio Lower Upper
106 100
91 223.0 156.4 290.6



#55
Styrene
Concen: 50.72 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

Tgt Ion:104 Resp: 388545
Ion Ratio Lower Upper
104 100
78 44.4 33.7 62.5

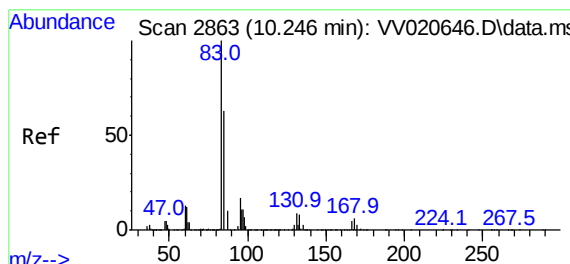
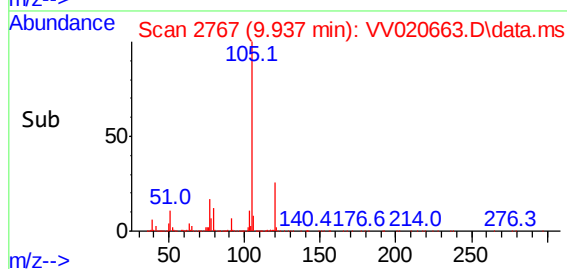
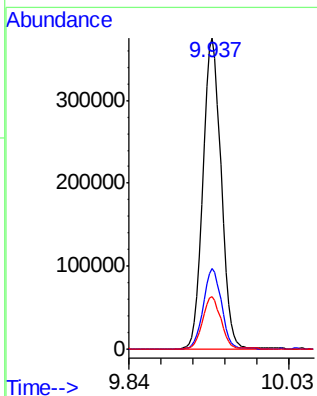
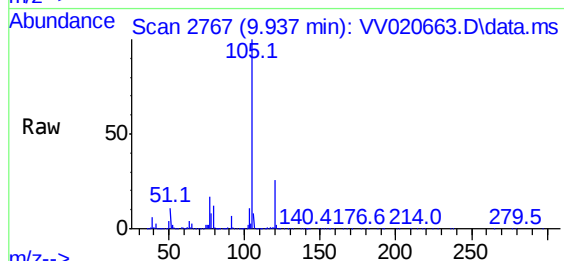




#56
Isopropylbenzene
Concen: 47.86 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.003 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

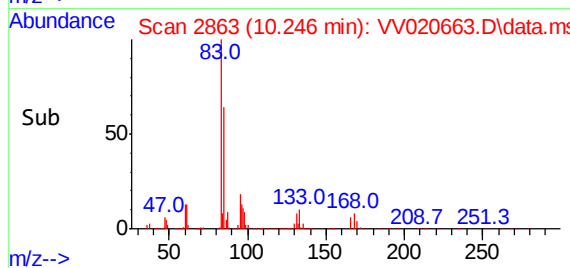
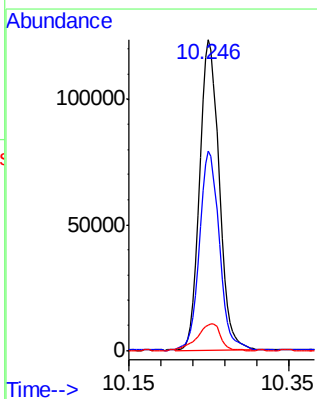
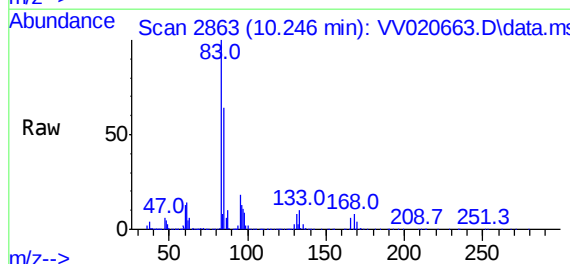
Instrument :
MSVOA_V
ClientSampleId :
VSTD05081

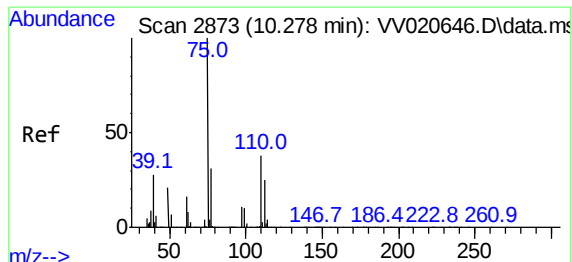
Tgt Ion:105 Resp: 568150
Ion Ratio Lower Upper
105 100
120 25.5 20.5 30.7
77 16.9 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 53.27 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

Tgt Ion: 83 Resp: 202126
Ion Ratio Lower Upper
83 100
85 64.1 44.3 82.3
131 8.2 7.3 10.9

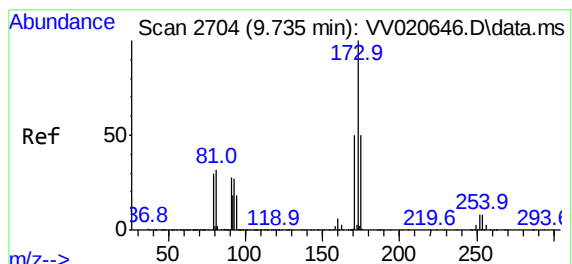
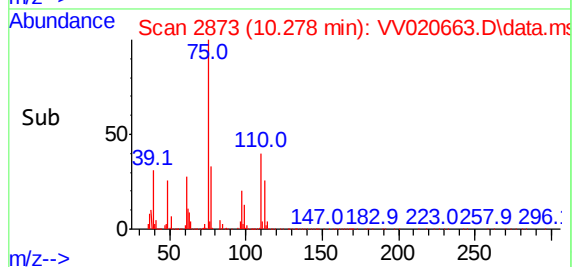
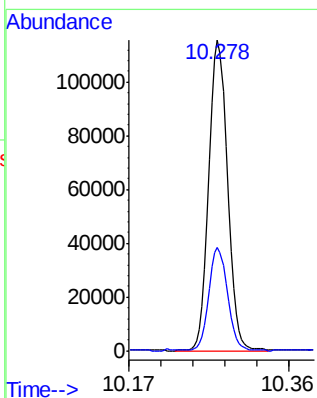
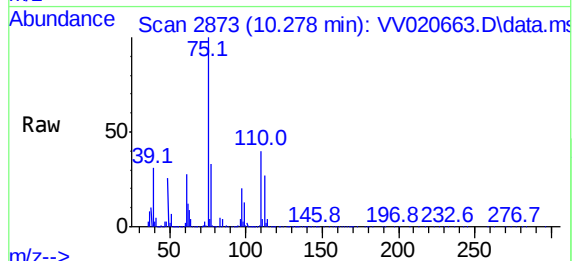




#59
1,2,3-Trichloropropane
Concen: 51.92 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

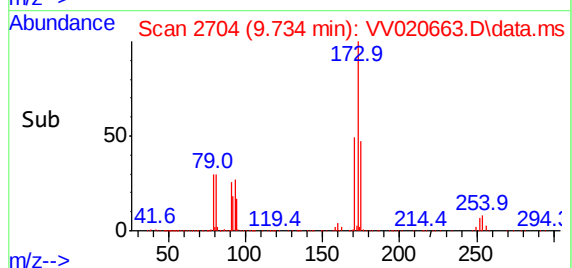
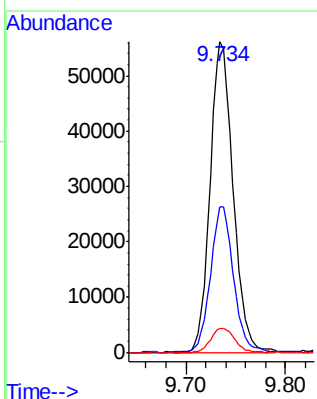
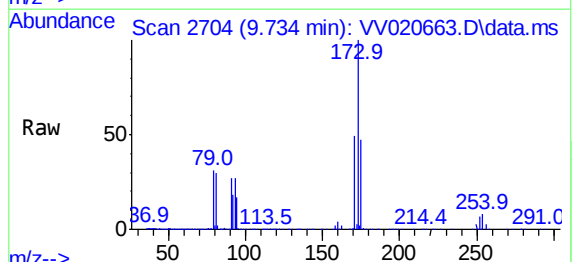
Instrument :
MSVOA_V
ClientSampleId :
VSTD05081

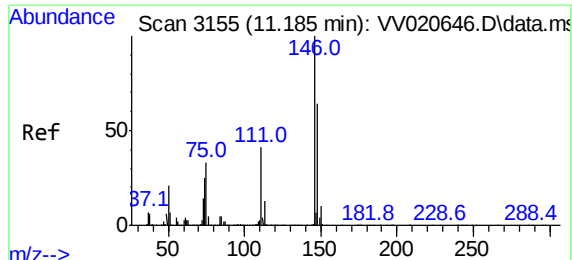
Tgt Ion: 75 Resp: 180394
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.0



#61
Bromoform
Concen: 50.81 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

Tgt Ion:173 Resp: 89514
Ion Ratio Lower Upper
173 100
175 46.9 38.6 57.8
254 8.3 6.5 9.7

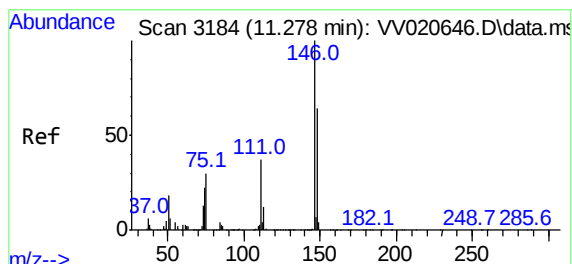
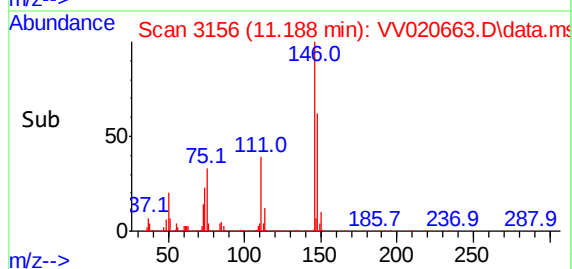
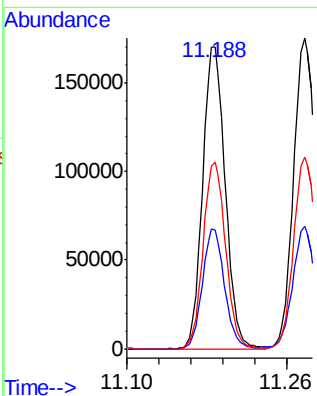
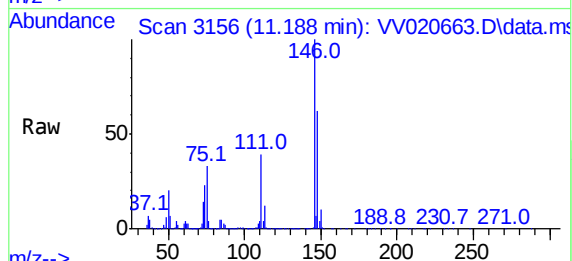




#62
1,3-Dichlorobenzene
Concen: 47.46 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.003 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

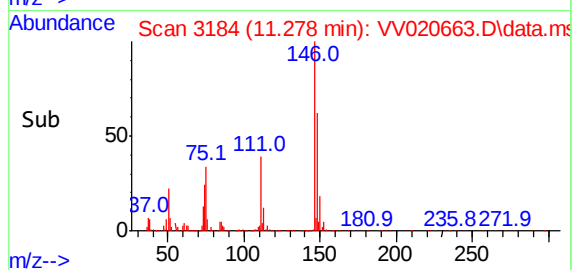
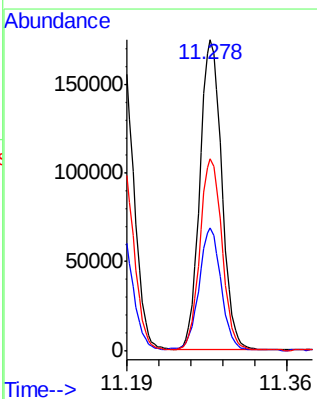
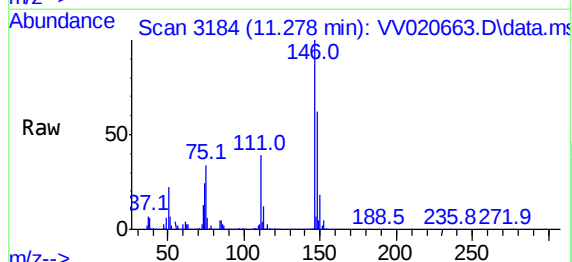
Instrument :
MSVOA_V
ClientSampleId :
VSTD05081

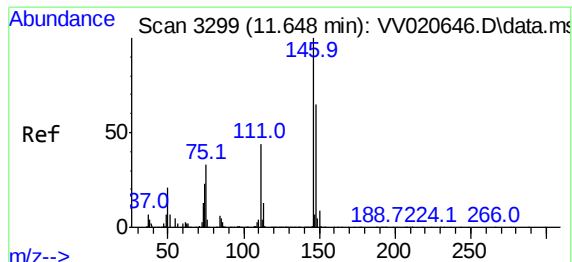
Tgt Ion:146 Resp: 267931
Ion Ratio Lower Upper
146 100
111 39.2 30.2 56.2
148 61.7 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 46.46 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

Tgt Ion:146 Resp: 273752
Ion Ratio Lower Upper
146 100
111 39.3 29.4 54.6
148 61.5 44.7 83.1

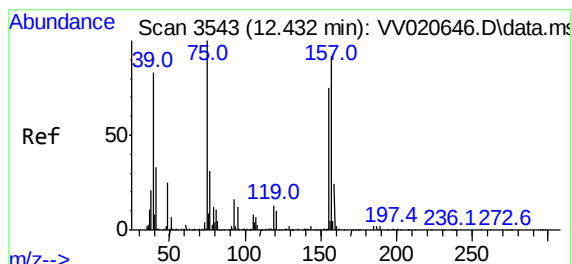
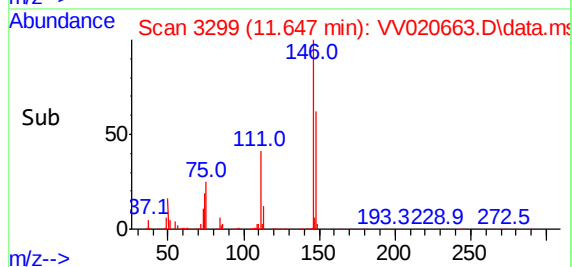
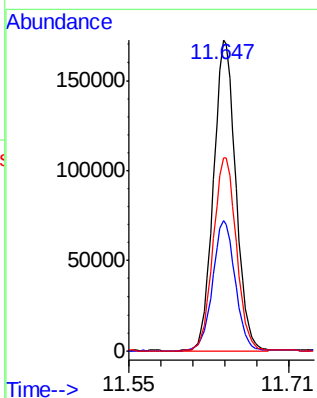
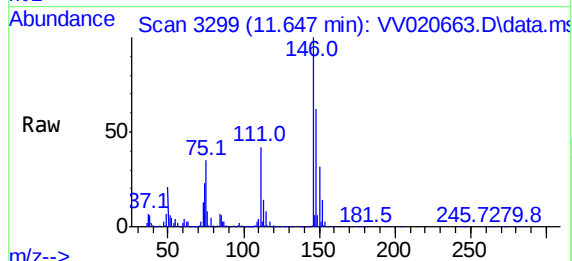




#65
1,2-Dichlorobenzene
Concen: 47.29 ug/L
RT: 11.647 min Scan# 3299
Delta R.T. -0.000 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

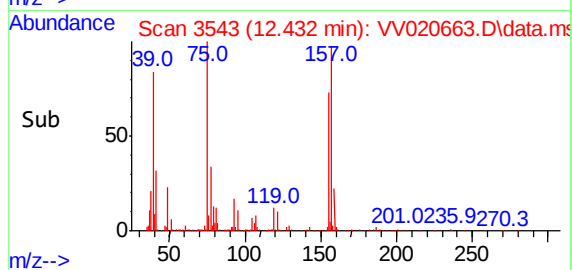
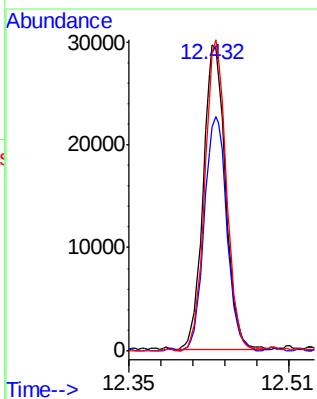
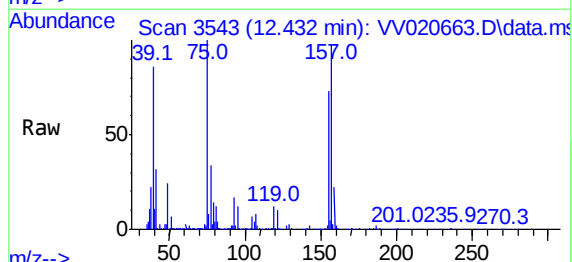
Instrument :
MSVOA_V
ClientSampleId :
VSTD05081

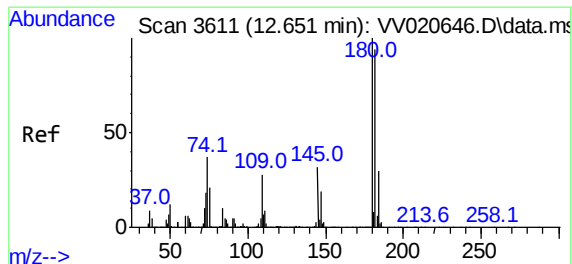
Tgt Ion:146 Resp: 265748
Ion Ratio Lower Upper
146 100
111 42.1 36.3 54.5
148 62.1 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 55.56 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. -0.000 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

Tgt Ion: 75 Resp: 47147
Ion Ratio Lower Upper
75 100
155 73.3 59.1 88.7
157 96.9 75.4 113.0

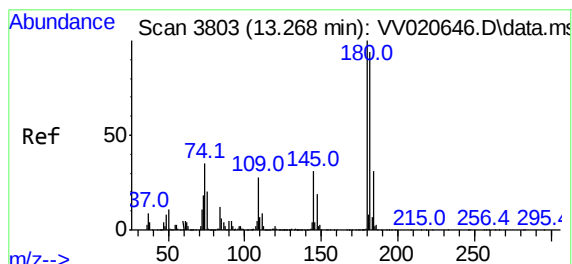
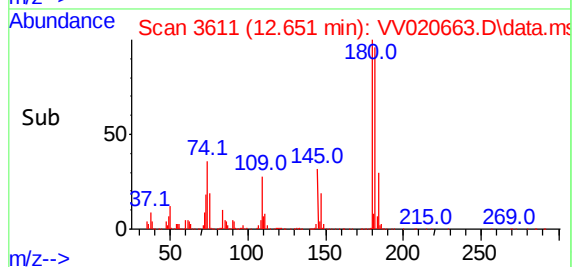
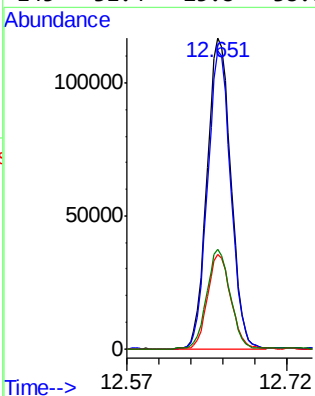
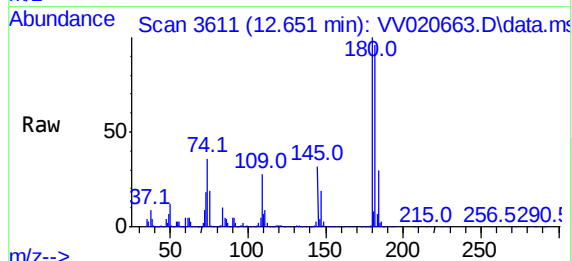




#67
1,3,5-Trichlorobenzene
Concen: 44.50 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. -0.000 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

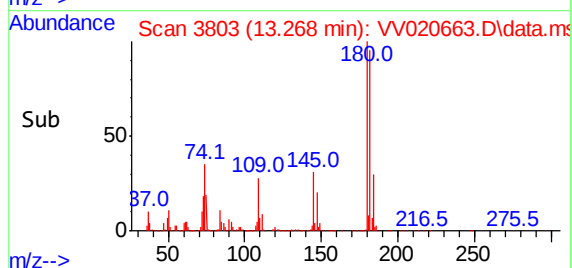
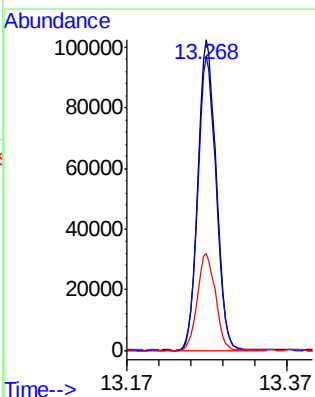
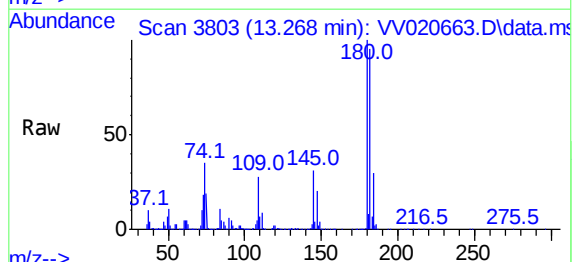
Instrument :
MSVOA_V
ClientSampleId :
VSTD05081

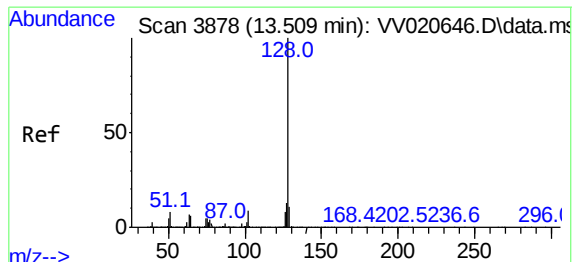
Tgt Ion:	180	Resp:	178928
Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.0	112.6
184	29.6	24.0	36.0
145	31.4	25.8	38.6



#68
1,2,4-trichlorobenzene
Concen: 44.54 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

Tgt Ion:	180	Resp:	155448
Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.1	112.7
145	31.2	26.8	40.2

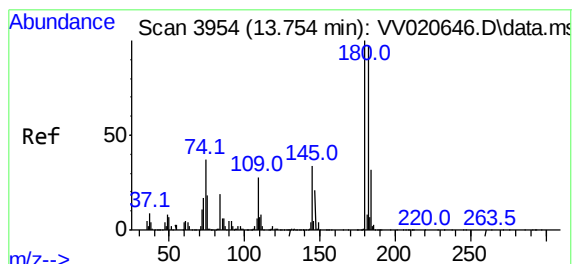
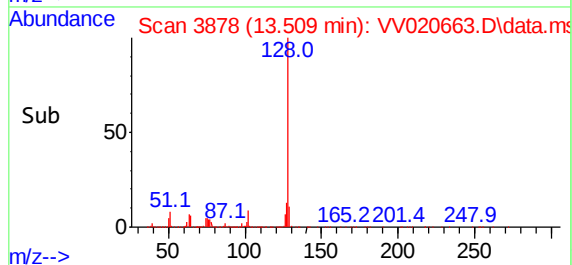
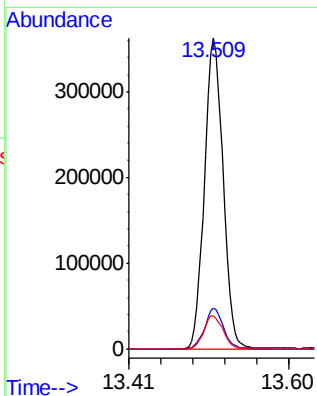
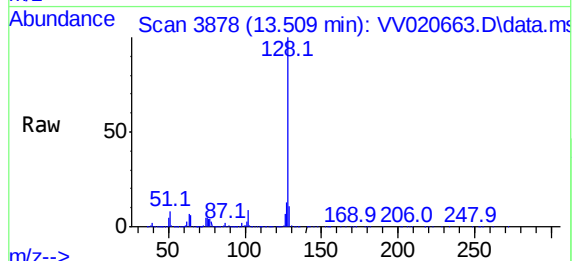




#69
Naphthalene
Concen: 48.63 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD05081

Tgt Ion:128 Resp: 551942
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 46.74 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. -0.003 min
Lab File: VV020663.D
Acq: 17 Mar 2021 18:26

Tgt Ion:180 Resp: 161722
Ion Ratio Lower Upper
180 100
182 91.8 76.1 114.1
145 33.0 27.9 41.9

