

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011321\
 Data File : VW019978.D
 Acq On : 13 Jan 2021 09:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05064

Quant Time: Jan 13 13:03:11 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM011121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 11 13:51:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.618	114	393998	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	382197	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	213322	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	146646	44.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.26%
7) Chloroethane-d5	1.566	69	127823	48.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.36%
11) 1,1-Dichloroethene-d2	2.107	63	309243	47.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.48%
21) 2-Butanone-d5	3.885	46	208155	96.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.55%
24) Chloroform-d	4.348	84	284971	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.032	65	191102	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.92%
32) Benzene-d6	5.052	84	502362	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.14%
36) 1,2-Dichloropropane-d6	6.071	67	158906	47.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.36%
41) Toluene-d8	7.319	98	459734	47.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.04%
43) trans-1,3-Dichloroprop...	7.624	79	83343	47.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.38%
47) 2-Hexanone-d5	8.090	63	135520	100.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.37%
57) 1,1,2,2-Tetrachloroeth...	10.222	84	221536	48.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.32%
64) 1,2-Dichlorobenzene-d4	11.630	152	189178	45.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.82%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.126	85	196109	51.51	ug/L	100
3) Chloromethane	1.238	50	181486	49.74	ug/L	99
5) Vinyl chloride	1.309	62	183895	49.80	ug/L	99
6) Bromomethane	1.521	94	114941	49.91	ug/L	97
8) Chloroethane	1.582	64	119092	52.40	ug/L	100
9) Trichlorofluoromethane	1.750	101	272655	52.56	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.116	101	157017	54.49	ug/L	96
12) 1,1-Dichloroethene	2.116	96	141992	51.10	ug/L	88
13) Acetone	2.177	43	240847	126.44	ug/L	97
14) Carbon disulfide	2.293	76	399774	48.43	ug/L	99
15) Methyl Acetate	2.431	43	154779	47.88	ug/L	100
16) Methylene chloride	2.505	84	144926	49.08	ug/L	98
17) trans-1,2-Dichloroethene	2.759	96	138110	49.59	ug/L	99
18) Methyl tert-butyl Ether	2.766	73	446001	49.18	ug/L	98
19) 1,1-Dichloroethane	3.187	63	263648	49.51	ug/L	99
20) cis-1,2-Dichloroethene	3.910	96	145560	48.94	ug/L	99
22) 2-Butanone	3.968	43	251461	109.56	ug/L	98
23) Bromochloromethane	4.248	128	76555	49.25	ug/L	94
25) Chloroform	4.377	83	277309	49.54	ug/L	99

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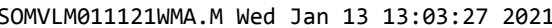
Instrument :
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 ClientSampleId :
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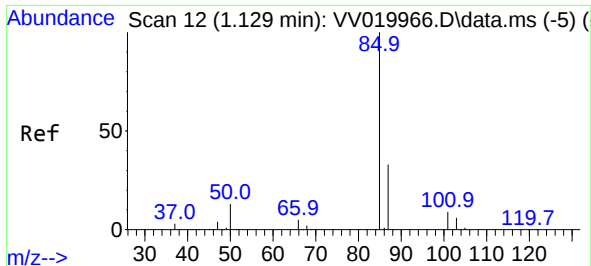
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 Quant Title : VOC Analysis
 QLast Update : Mon Jan 11 13:51:52 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.129	62	234607	50.15	ug/L	97
29) Cyclohexane	4.676	56	228385	50.54	ug/L	95
30) 1,1,1-Trichloroethane	4.608	97	255301	50.78	ug/L	99
31) Carbon tetrachloride	4.830	117	216719	50.56	ug/L	100
33) Benzene	5.100	78	562563	50.70	ug/L	100
34) Trichloroethene	5.917	95	156458	49.21	ug/L	98
35) Methylcyclohexane	6.132	83	240489	52.93	ug/L	98
37) 1,2-Dichloropropane	6.174	63	145333	50.50	ug/L	98
38) Bromodichloromethane	6.511	83	205391	49.41	ug/L	97
39) cis-1,3-Dichloropropene	7.029	75	231734	51.42	ug/L	100
40) 4-Methyl-2-pentanone	7.228	43	436750	98.77	ug/L	98
42) Toluene	7.389	91	601069	50.87	ug/L	100
44) trans-1,3-Dichloropropene	7.653	75	229805	50.27	ug/L	99
45) 1,1,2-Trichloroethane	7.843	97	140502	49.67	ug/L	98
46) Tetrachloroethene	7.978	164	116793	51.16	ug/L	96
48) 2-Hexanone	8.142	43	354143	101.81	ug/L	99
49) Dibromochloromethane	8.248	129	158012	50.58	ug/L	98
50) 1,2-Dibromoethane	8.354	107	151952	50.07	ug/L	100
51) Chlorobenzene	8.884	112	389118	49.72	ug/L	100
52) Ethylbenzene	9.016	91	690808	51.48	ug/L	100
53) m,p-Xylene	9.142	106	249644	50.94	ug/L	97
54) o-xylene	9.547	106	244396	50.65	ug/L	97
55) Styrene	9.563	104	437110	52.41	ug/L	100
56) Isopropylbenzene	9.936	105	675230	51.74	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.248	83	221348	49.98	ug/L	99
59) 1,2,3-Trichloropropane	10.277	75	189541	48.43	ug/L	98
61) Bromoform	9.736	173	105207	48.44	ug/L	100
62) 1,3-Dichlorobenzene	11.187	146	317996	49.68	ug/L	99
63) 1,4-Dichlorobenzene	11.280	146	321785	48.99	ug/L	98
65) 1,2-Dichlorobenzene	11.650	146	313939	48.68	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.434	75	54409	48.51	ug/L	98
67) 1,3,5-Trichlorobenzene	12.653	180	243720	50.70	ug/L	99
68) 1,2,4-trichlorobenzene	13.270	180	216401	50.91	ug/L	98
69) Naphthalene	13.511	128	633846	51.56	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	210250	50.96	ug/L	99

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

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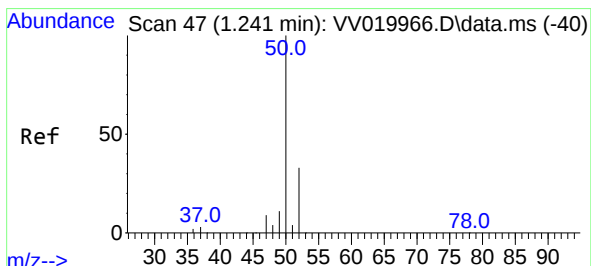
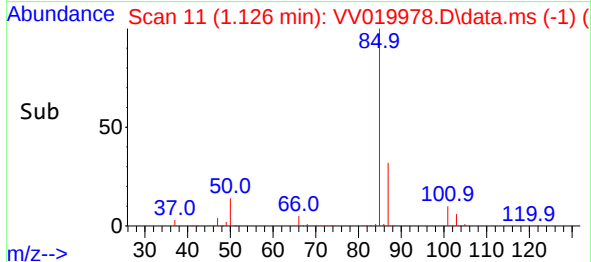
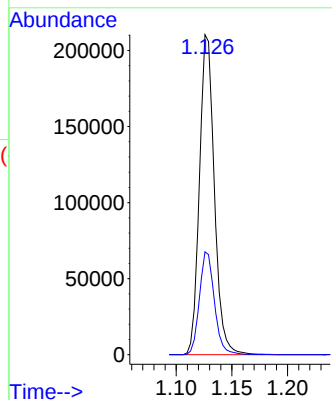
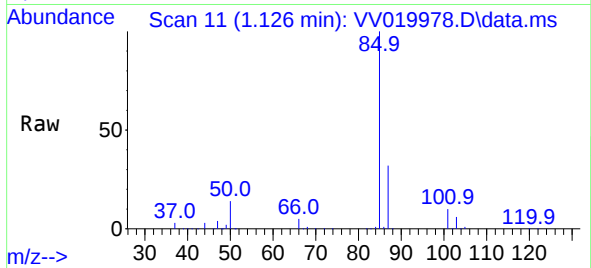




#2
Dichlorodifluoromethane
Concen: 51.51 ug/L
RT: 1.126 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

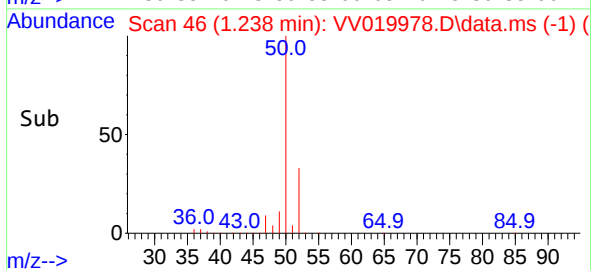
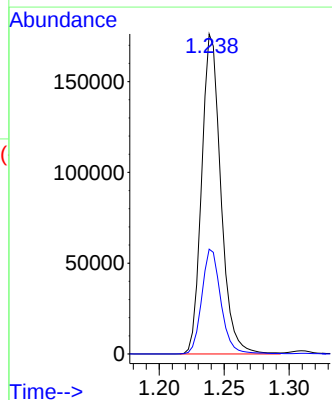
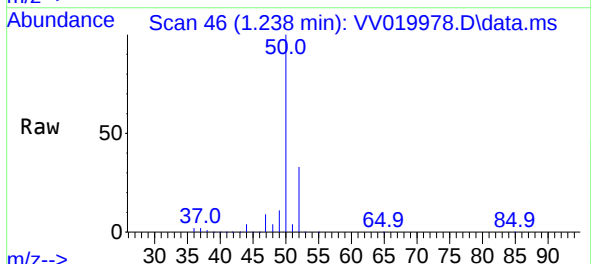
Instrument :
MSVOA_V
ClientSampleId :
VSTD05064

Tgt Ion: 85 Resp: 196109
Ion Ratio Lower Upper
85 100
87 32.3 25.9 38.9

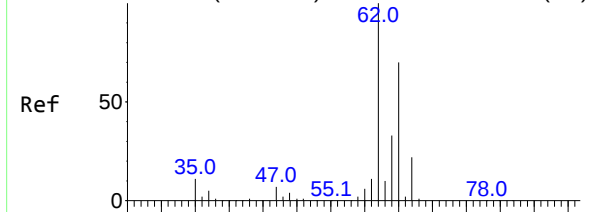


#3
Chloromethane
Concen: 49.74 ug/L
RT: 1.238 min Scan# 46
Delta R.T. -0.003 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

Tgt Ion: 50 Resp: 181486
Ion Ratio Lower Upper
50 100
52 32.8 22.7 42.1

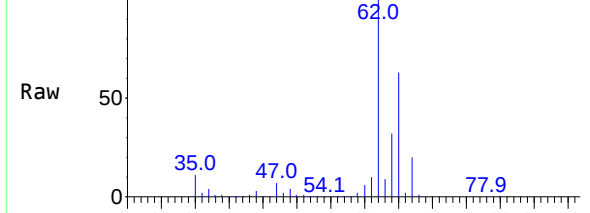


Abundance Scan 69 (1.312 min): VV019966.D\data.ms (-61)



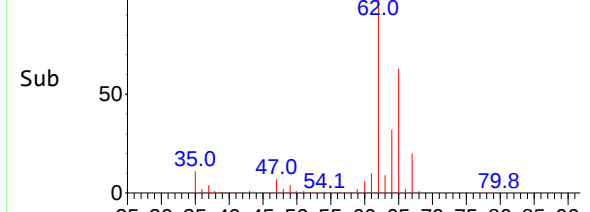
m/z-->

Abundance Scan 68 (1.309 min): VV019978.D\data.ms



m/z-->

Abundance Scan 68 (1.309 min): VV019978.D\data.ms (-1)



m/z-->

#5

Vinyl chloride

Concen: 49.80 ug/L

RT: 1.309 min Scan# 68

Delta R.T. -0.003 min

Lab File: VV019978.D

Acq: 13 Jan 2021 09:51

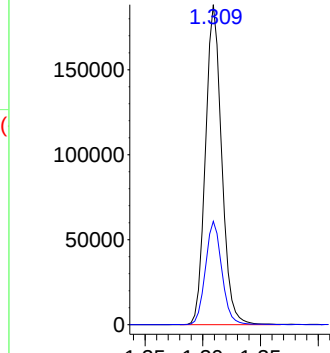
Tgt Ion: 62 Resp: 183895

Ion Ratio Lower Upper

62 100

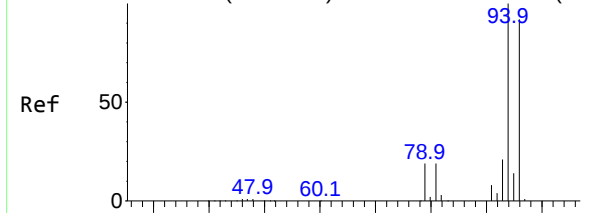
64 32.3 23.0 42.6

Abundance



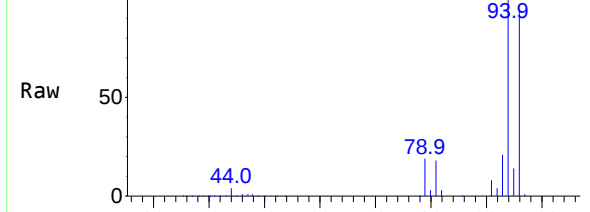
Time-->

Abundance Scan 135 (1.524 min): VV019966.D\data.ms (-12)



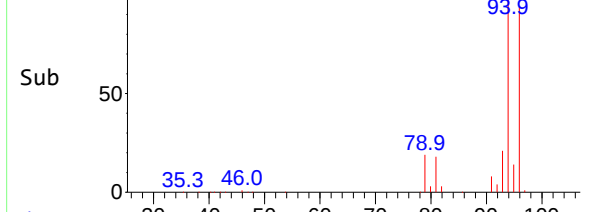
m/z-->

Abundance Scan 134 (1.521 min): VV019978.D\data.ms



m/z-->

Abundance Scan 134 (1.521 min): VV019978.D\data.ms (-42)



m/z-->

#6

Bromomethane

Concen: 49.91 ug/L

RT: 1.521 min Scan# 134

Delta R.T. -0.003 min

Lab File: VV019978.D

Acq: 13 Jan 2021 09:51

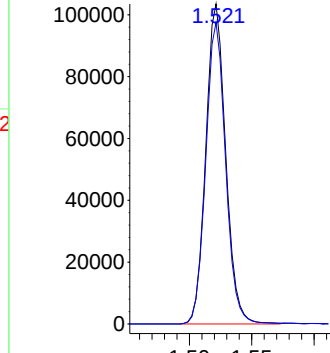
Tgt Ion: 94 Resp: 114941

Ion Ratio Lower Upper

94 100

96 94.2 63.6 118.2

Abundance



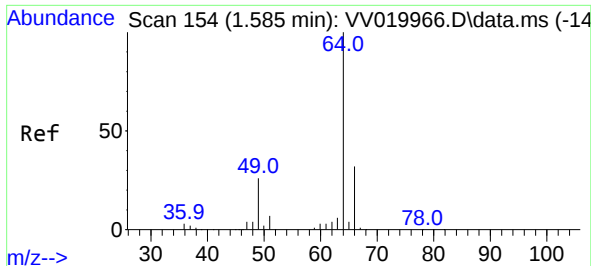
Time-->

Instrument :

MSVOA_V

ClientSampleId :

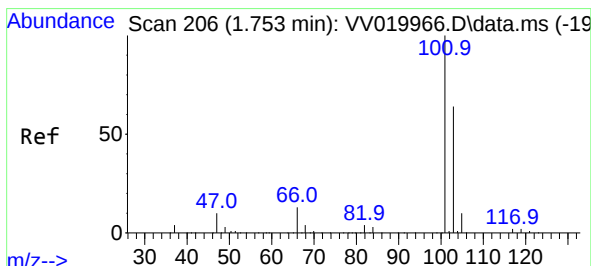
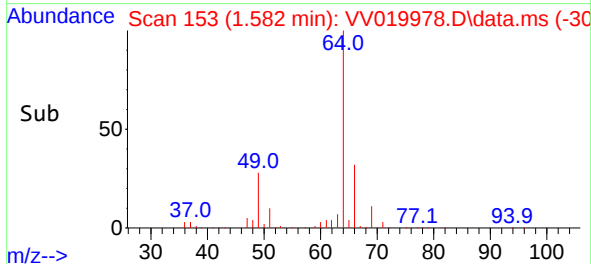
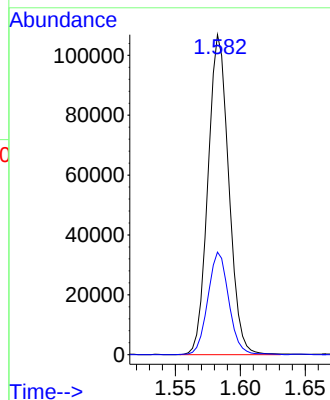
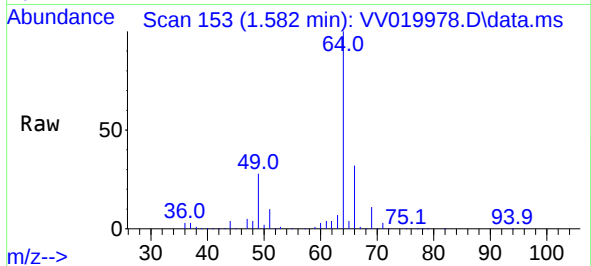
VSTD05064



#8
Chloroethane
Concen: 52.40 ug/L
RT: 1.582 min Scan# 153
Delta R.T. -0.003 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

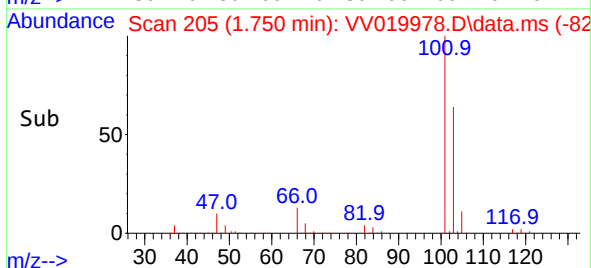
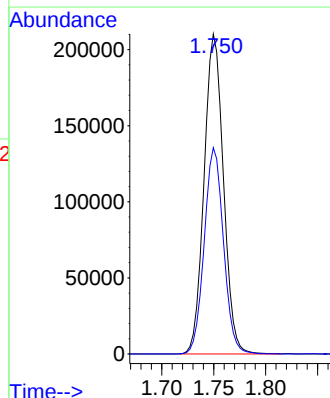
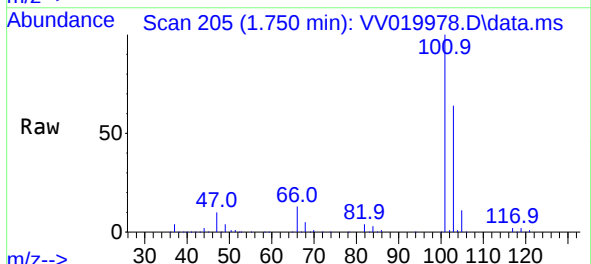
Instrument :
MSVOA_V
ClientSampleId :
VSTD05064

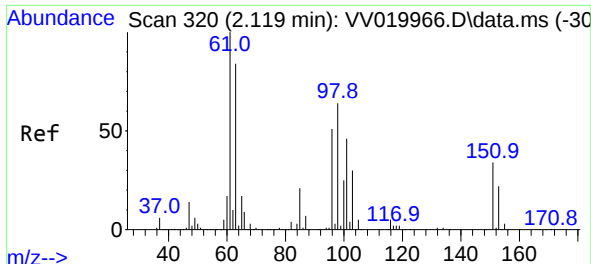
Tgt Ion: 64 Resp: 119092
Ion Ratio Lower Upper
64 100
66 32.1 22.4 41.6



#9
Trichlorofluoromethane
Concen: 52.56 ug/L
RT: 1.750 min Scan# 205
Delta R.T. -0.003 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

Tgt Ion:101 Resp: 272655
Ion Ratio Lower Upper
101 100
103 64.1 51.7 77.5





#10

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

Concen: 54.49 ug/L

RT: 2.116 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV019978.D

Acq: 13 Jan 2021 09:51

Tgt Ion:101 Resp: 157017

Ion Ratio Lower Upper

101 100

85 45.4 35.3 52.9

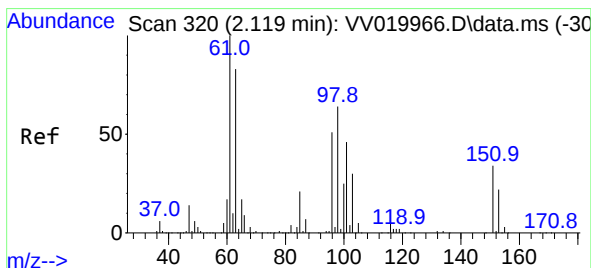
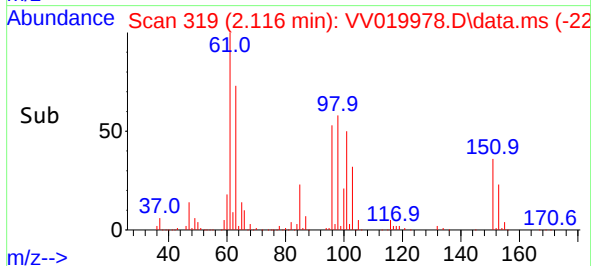
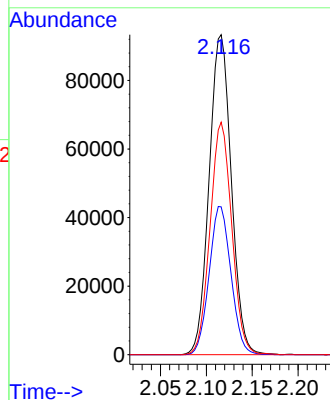
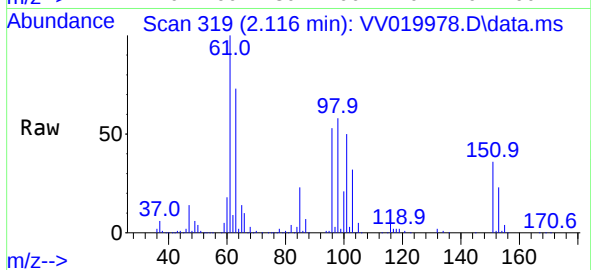
151 71.0 53.6 80.4

Instrument :

MSVOA_V

ClientSampleId :

VSTD05064



#12

1,1-Dichloroethene

Concen: 51.10 ug/L

RT: 2.116 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV019978.D

Acq: 13 Jan 2021 09:51

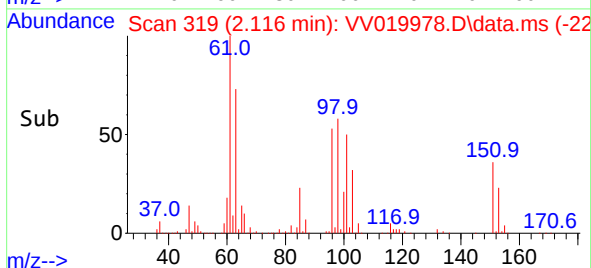
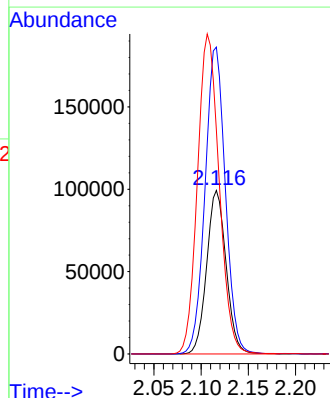
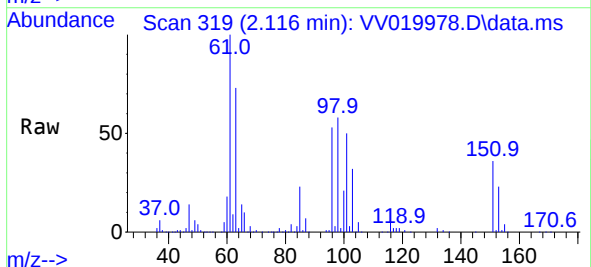
Tgt Ion: 96 Resp: 141992

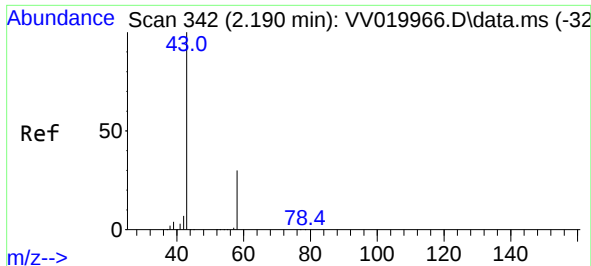
Ion Ratio Lower Upper

96 100

61 187.6 134.9 250.5

63 137.1 117.6 218.4

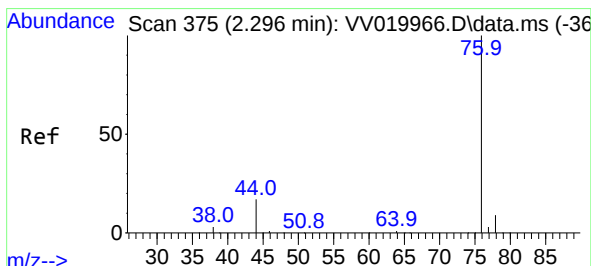
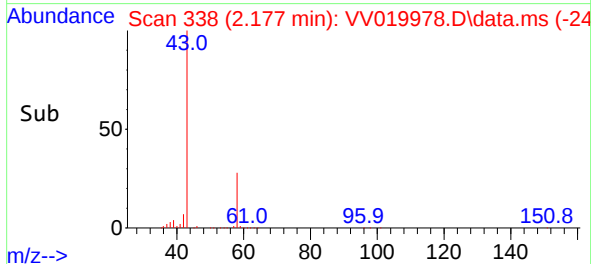
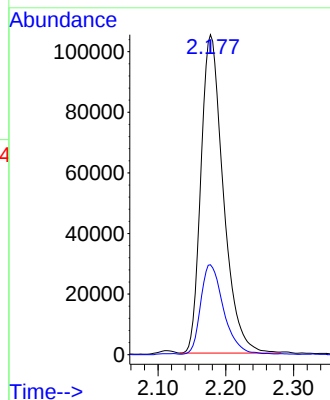
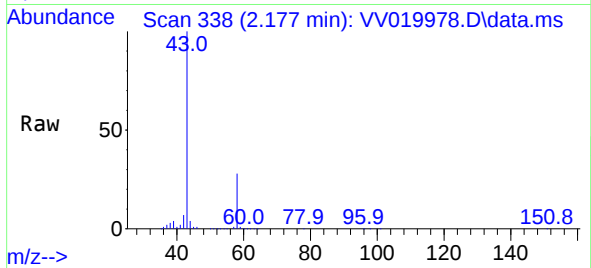




#13
Acetone
Concen: 126.44 ug/L
RT: 2.177 min Scan# 338
Delta R.T. -0.010 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

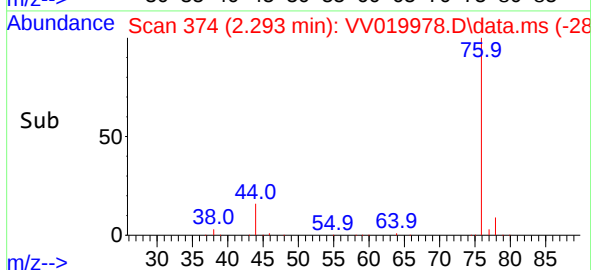
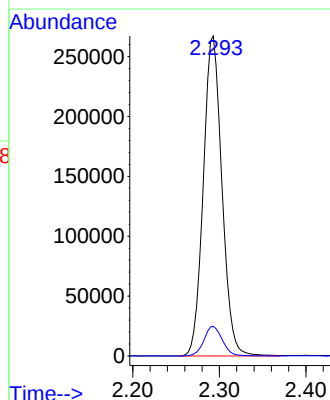
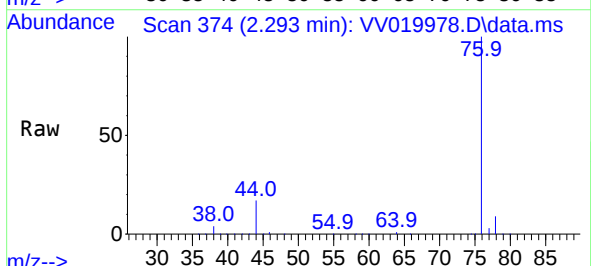
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ClientSampleId :
VSTD05064

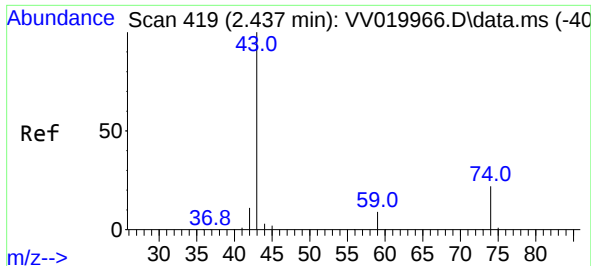
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Ion Ratio Lower Upper
43 100
58 28.7 0.0 60.2



#14
Carbon disulfide
Concen: 48.43 ug/L
RT: 2.293 min Scan# 374
Delta R.T. -0.003 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

Tgt Ion: 76 Resp: 399774
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

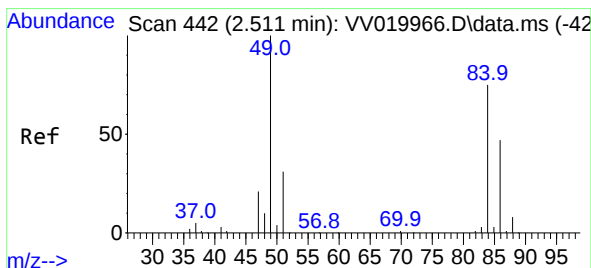
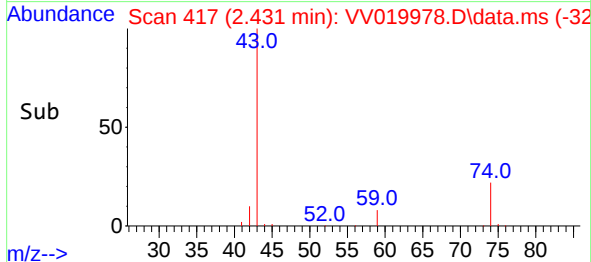
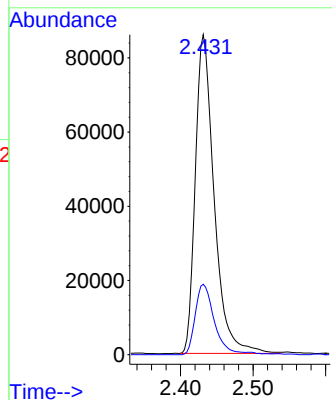
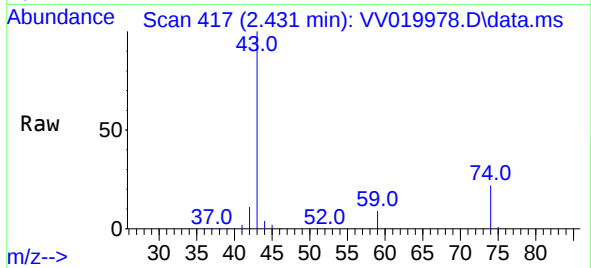




#15
Methyl Acetate
Concen: 47.88 ug/L
RT: 2.431 min Scan# 417
Delta R.T. -0.006 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

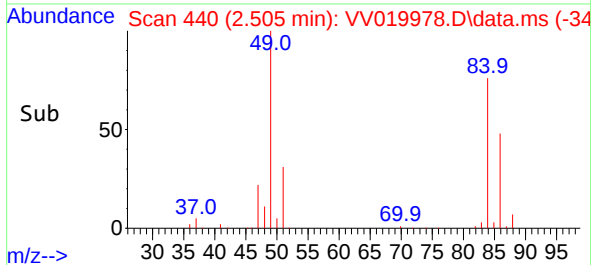
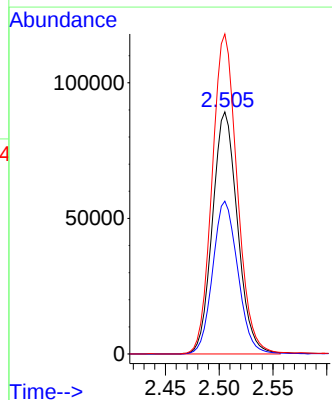
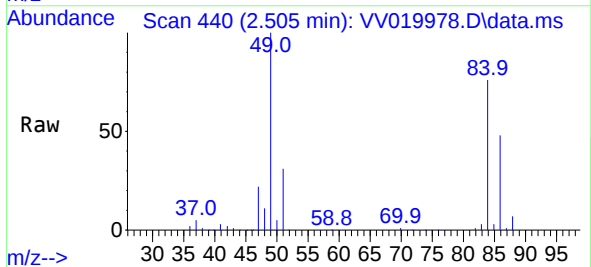
Instrument :
MSVOA_V
ClientSampleId :
VSTD05064

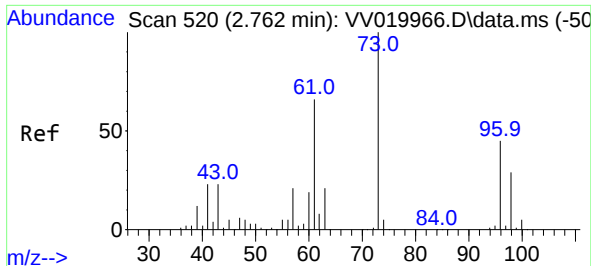
Tgt Ion: 43 Resp: 154779
Ion Ratio Lower Upper
43 100
74 22.2 17.6 26.4



#16
Methylene chloride
Concen: 49.08 ug/L
RT: 2.505 min Scan# 440
Delta R.T. -0.003 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

Tgt Ion: 84 Resp: 144926
Ion Ratio Lower Upper
84 100
86 63.1 44.6 82.8
49 132.2 94.6 175.8

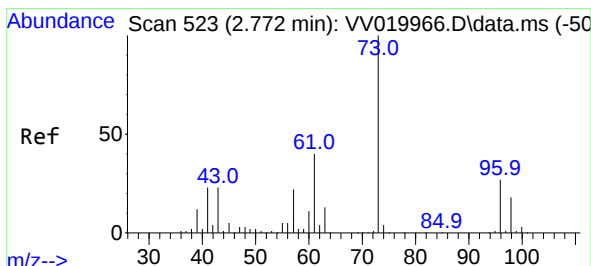
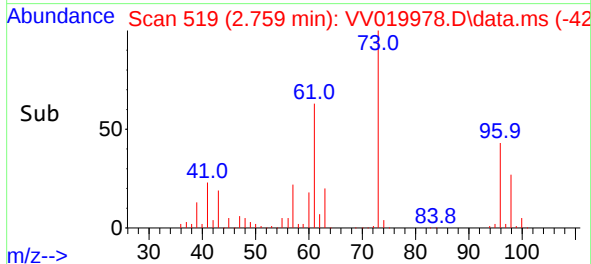
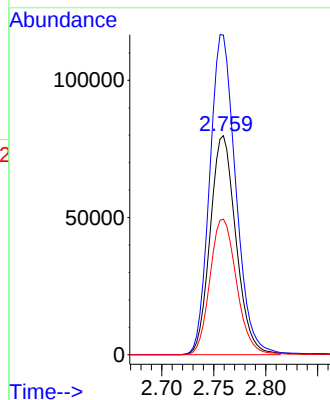
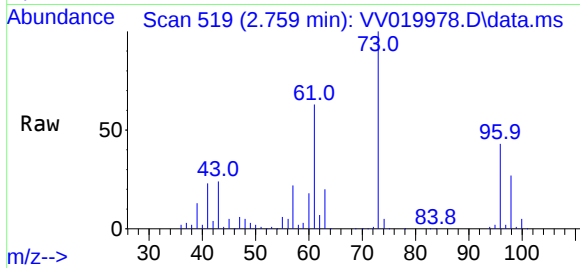




#17
trans-1,2-Dichloroethene
Concen: 49.59 ug/L
RT: 2.759 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

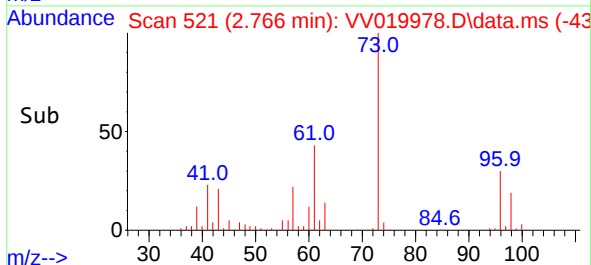
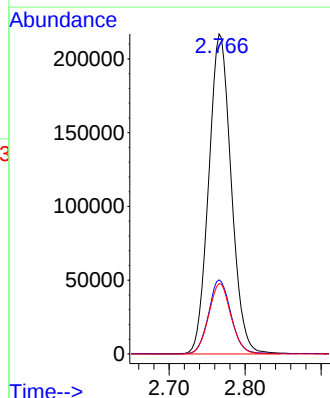
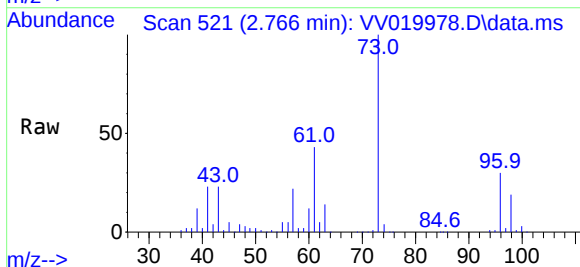
Instrument :
MSVOA_V
ClientSampleId :
VSTD05064

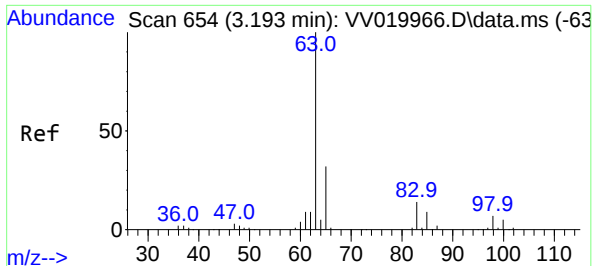
Tgt Ion: 96 Resp: 138110
Ion Ratio Lower Upper
96 100
61 145.9 103.1 191.5
98 61.8 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 49.18 ug/L
RT: 2.766 min Scan# 521
Delta R.T. -0.006 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

Tgt Ion: 73 Resp: 446001
Ion Ratio Lower Upper
73 100
43 22.8 17.3 25.9
57 22.0 17.9 26.9



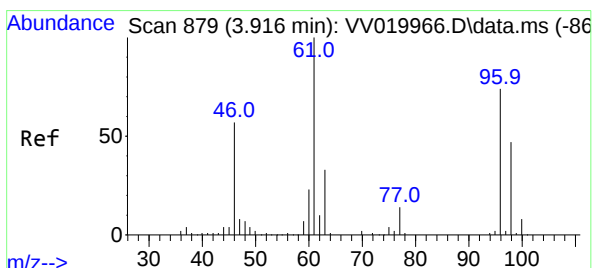
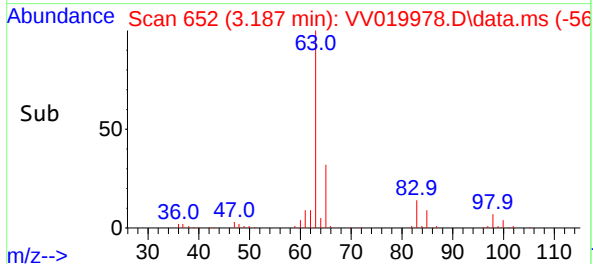
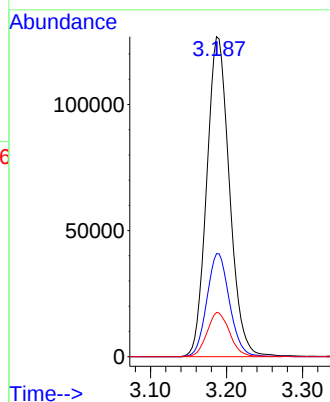
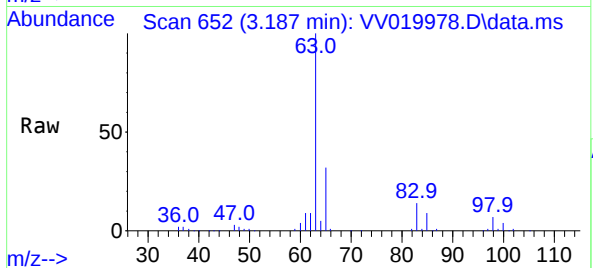


#19

1,1-Dichloroethane
Concen: 49.51 ug/L
RT: 3.187 min Scan# 652
Delta R.T. -0.006 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD05064

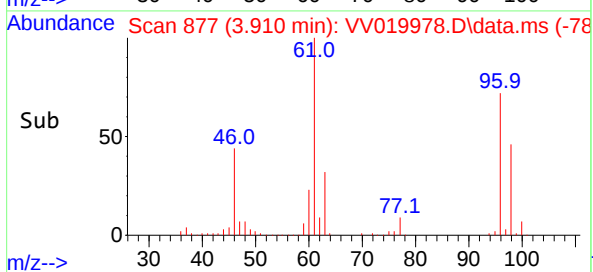
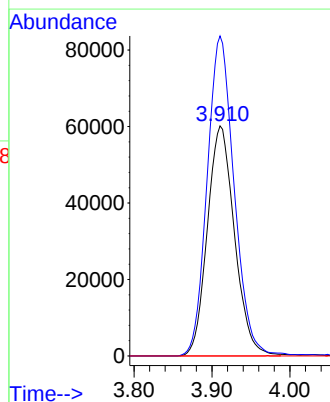
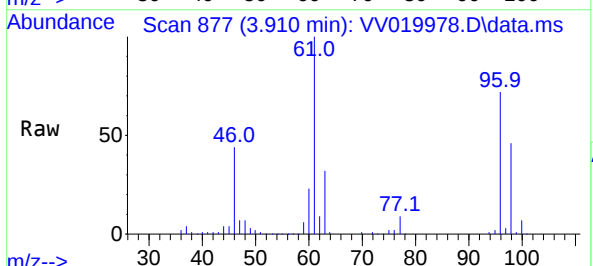
Tgt Ion: 63 Resp: 263648
Ion Ratio Lower Upper
63 100
65 32.2 21.9 40.7
83 13.8 9.5 17.7

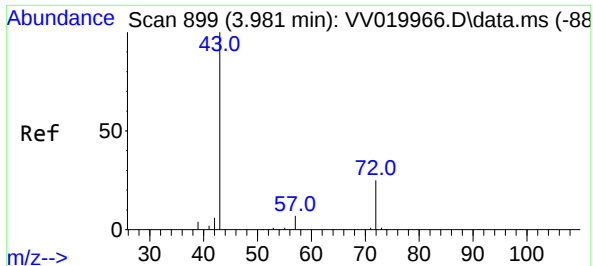


#20

cis-1,2-Dichloroethene
Concen: 48.94 ug/L
RT: 3.910 min Scan# 877
Delta R.T. -0.007 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

Tgt Ion: 96 Resp: 145560
Ion Ratio Lower Upper
96 100
61 139.1 96.9 179.9
68 0.0 0.0 0.0

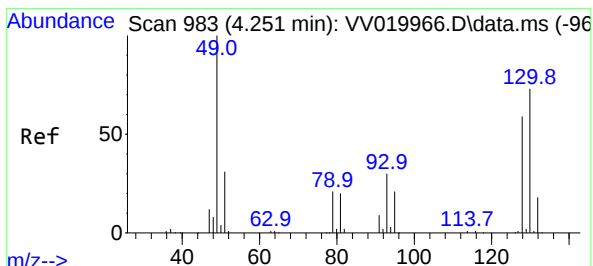
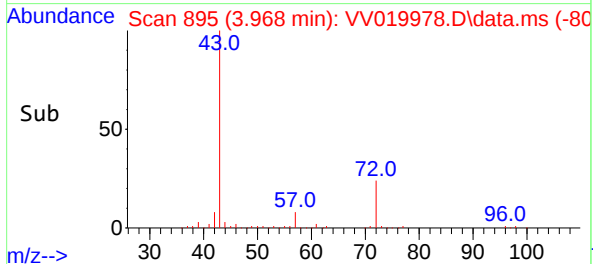
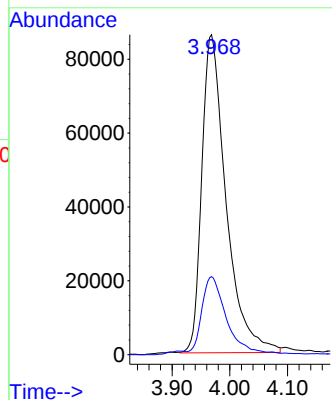
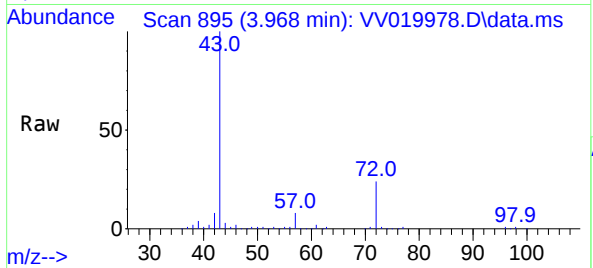




#22
2-Butanone
Concen: 109.56 ug/L
RT: 3.968 min Scan# 895
Delta R.T. -0.010 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

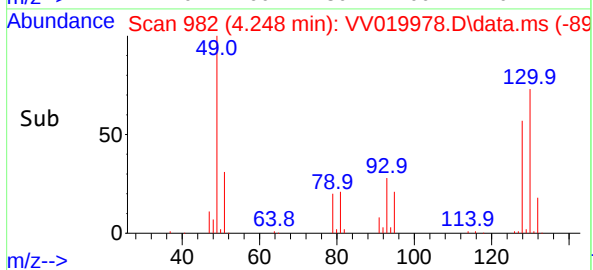
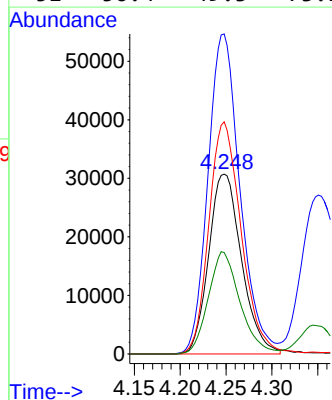
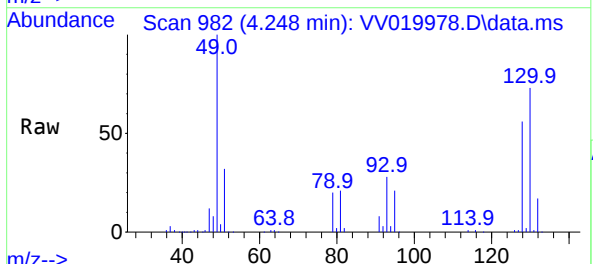
Instrument :
MSVOA_V
ClientSampleId :
VSTD05064

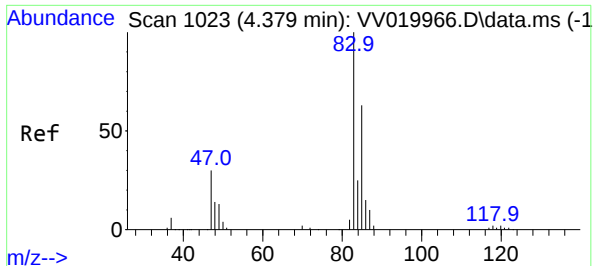
Tgt Ion: 43 Resp: 251461
Ion Ratio Lower Upper
43 100
72 23.3 12.2 36.6



#23
Bromochloromethane
Concen: 49.25 ug/L
RT: 4.248 min Scan# 982
Delta R.T. -0.003 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

Tgt Ion:128 Resp: 76555
Ion Ratio Lower Upper
128 100
49 177.9 133.1 247.1
130 129.1 89.0 165.4
51 56.4 49.3 73.9



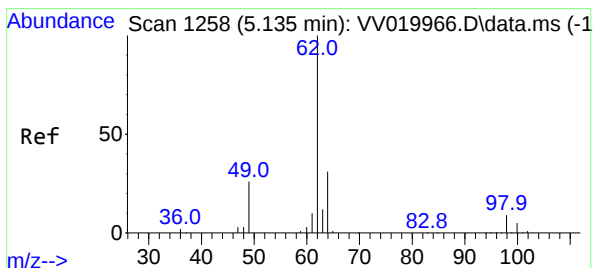
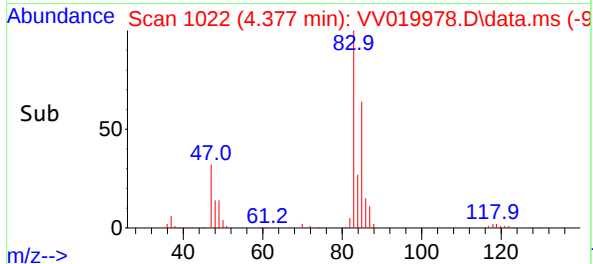
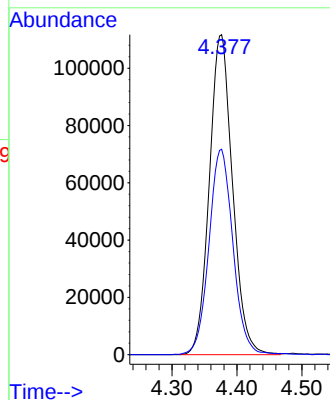
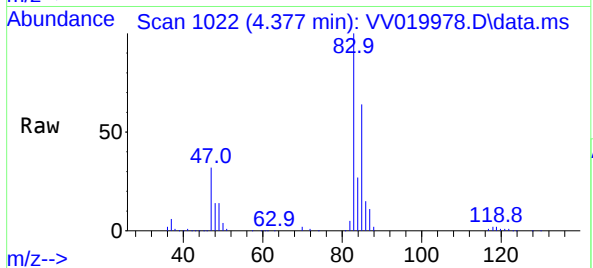


#25

Chloroform
Concen: 49.54 ug/L
RT: 4.377 min Scan# 1022
Delta R.T. -0.003 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD05064

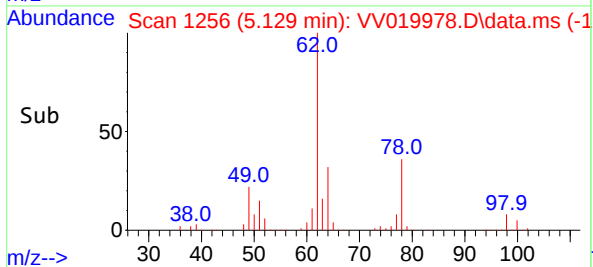
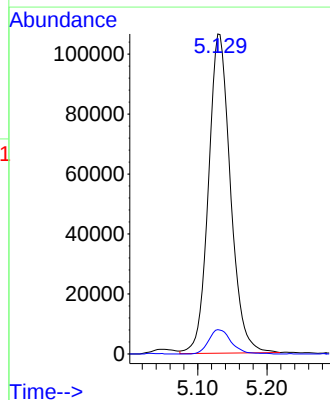
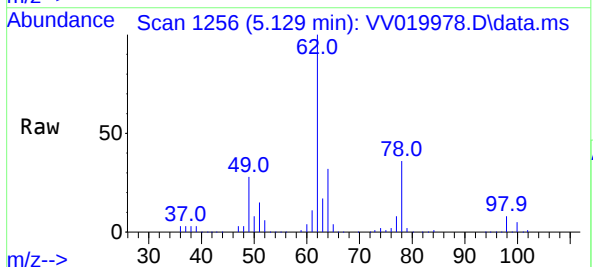
Tgt Ion: 83 Resp: 277309
Ion Ratio Lower Upper
83 100
85 64.2 44.2 82.2

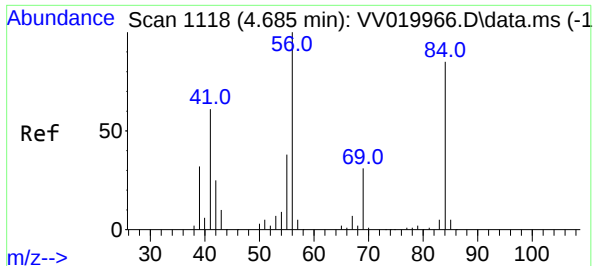


#27

1,2-Dichloroethane
Concen: 50.15 ug/L
RT: 5.129 min Scan# 1256
Delta R.T. -0.006 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

Tgt Ion: 62 Resp: 234607
Ion Ratio Lower Upper
62 100
98 7.6 6.9 10.3





#29

Cyclohexane

Concen: 50.54 ug/L

RT: 4.676 min Scan# 1115

Delta R.T. -0.009 min

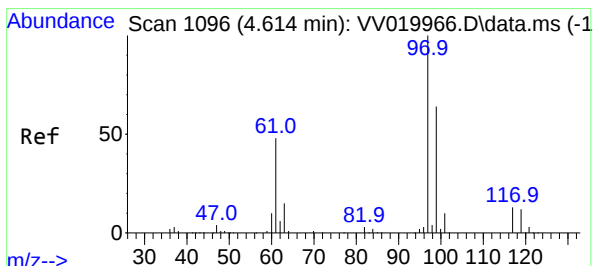
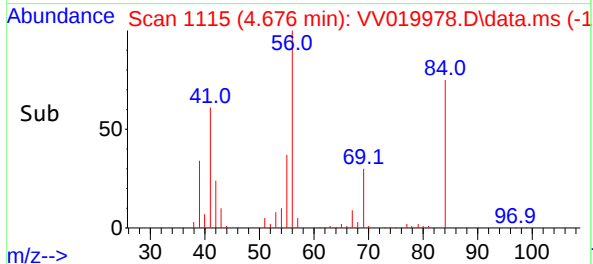
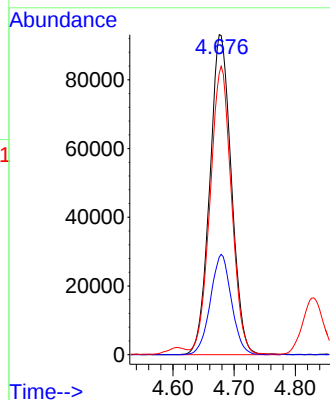
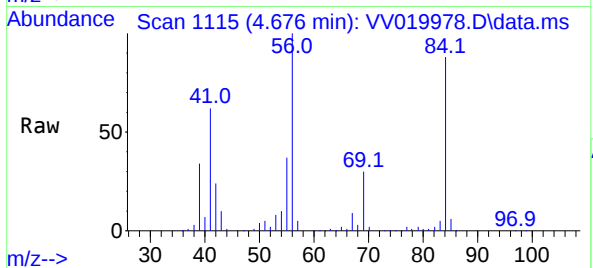
Lab File: VV019978.D

Acq: 13 Jan 2021 09:51

Tgt Ion: 56 Resp: 228385

Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.2	36.2
84	89.0	66.3	99.5

Instrument :
MSVOA_V
ClientSampleId :
VSTD05064



#30

1,1,1-Trichloroethane

Concen: 50.78 ug/L

RT: 4.608 min Scan# 1094

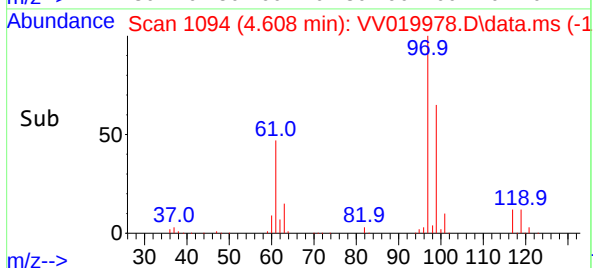
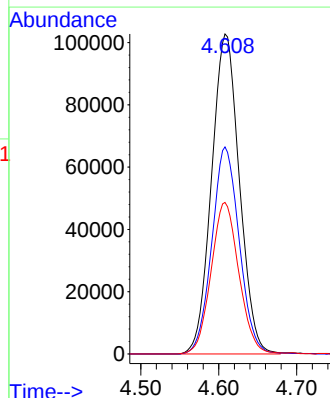
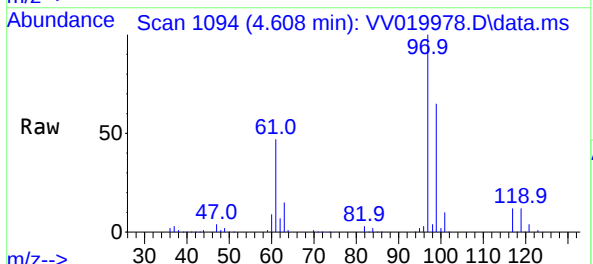
Delta R.T. -0.006 min

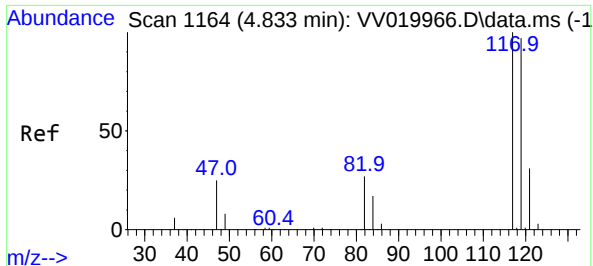
Lab File: VV019978.D

Acq: 13 Jan 2021 09:51

Tgt Ion: 97 Resp: 255301

Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.2	76.8
61	47.3	38.5	57.7

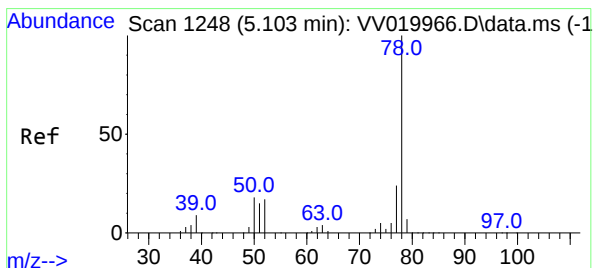
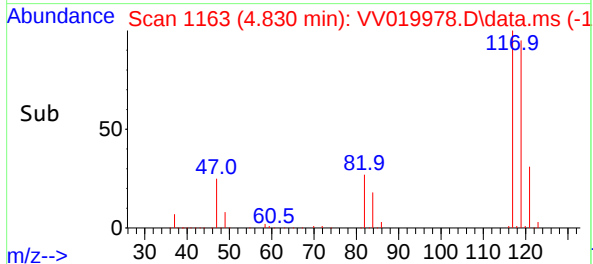
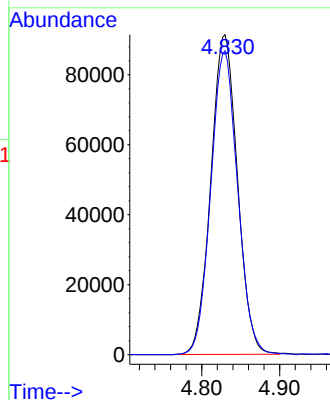
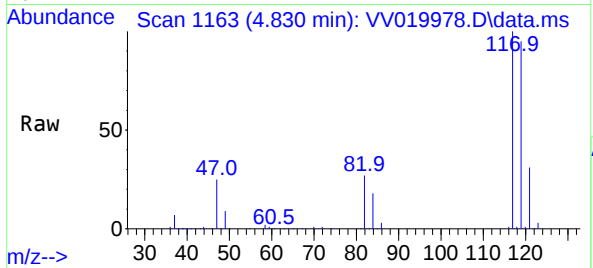




#31
Carbon tetrachloride
Concen: 50.56 ug/L
RT: 4.830 min Scan# 1163
Delta R.T. -0.003 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

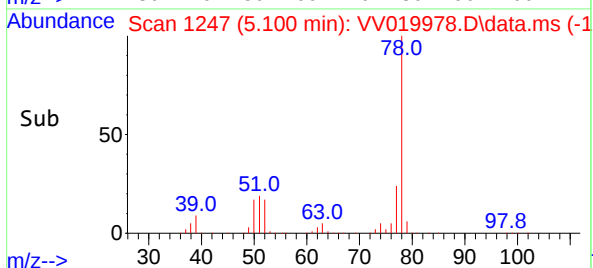
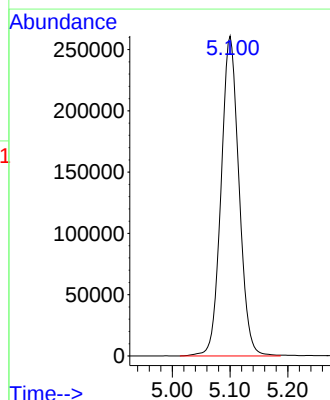
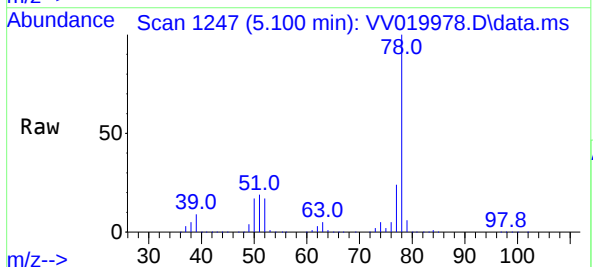
Instrument :
MSVOA_V
ClientSampleId :
VSTD05064

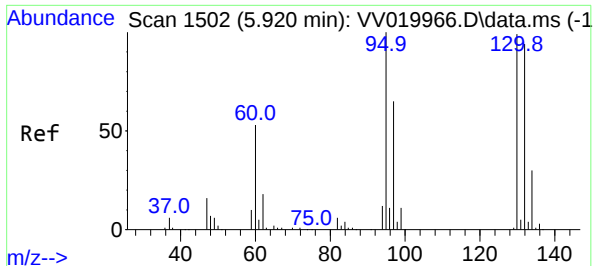
Tgt Ion:117 Resp: 216719
Ion Ratio Lower Upper
117 100
119 95.8 76.3 114.5



#33
Benzene
Concen: 50.70 ug/L
RT: 5.100 min Scan# 1247
Delta R.T. -0.003 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

Tgt Ion: 78 Resp: 562563





#34

Trichloroethene

Concen: 49.21 ug/L

RT: 5.917 min Scan# 1501

Delta R.T. -0.000 min

Lab File: VV019978.D

Acq: 13 Jan 2021 09:51

Tgt Ion: 95 Resp: 156458

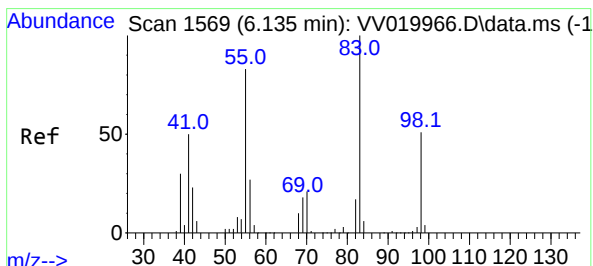
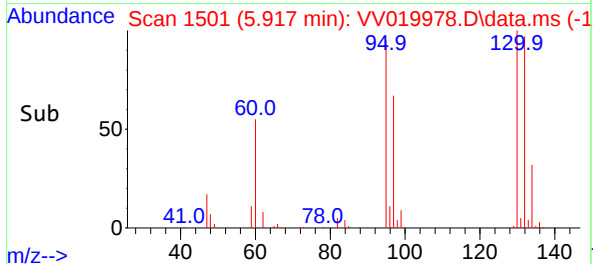
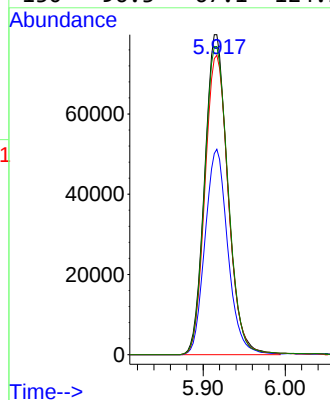
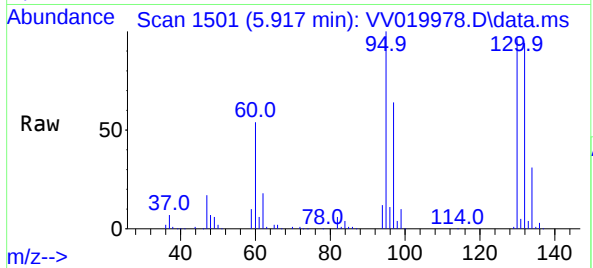
Ion Ratio Lower Upper

95 100

97 64.2 44.5 82.7

132 93.6 63.4 117.8

130 96.3 67.1 124.5



#35

Methylcyclohexane

Concen: 52.93 ug/L

RT: 6.132 min Scan# 1568

Delta R.T. -0.003 min

Lab File: VV019978.D

Acq: 13 Jan 2021 09:51

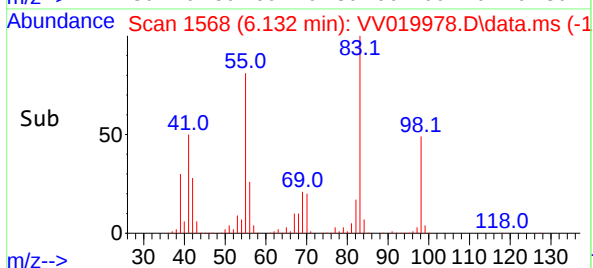
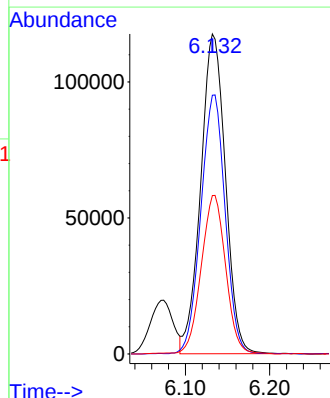
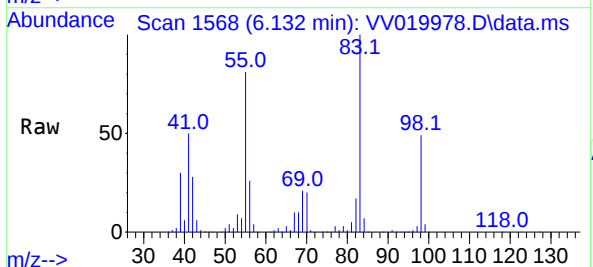
Tgt Ion: 83 Resp: 240489

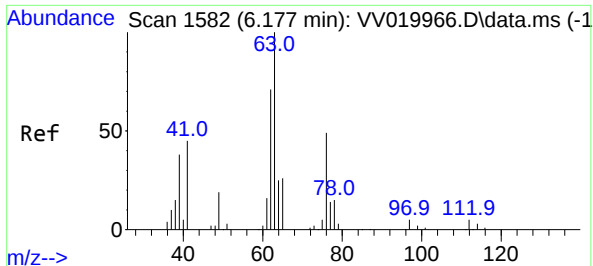
Ion Ratio Lower Upper

83 100

55 79.4 65.1 97.7

98 48.9 38.2 57.2

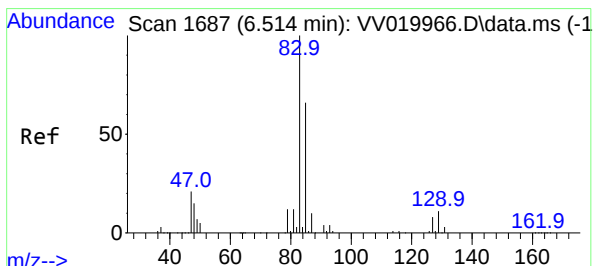
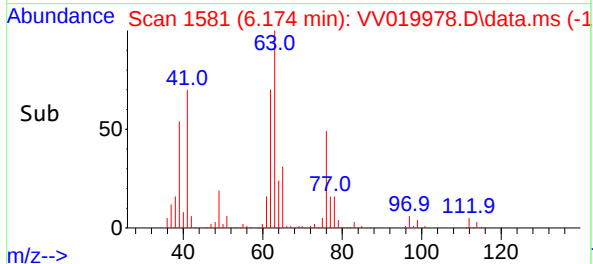
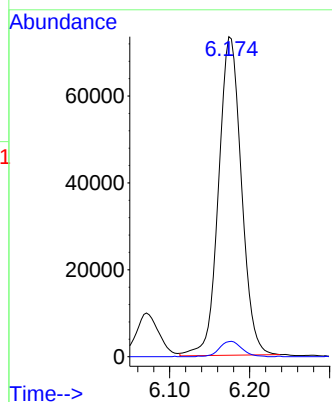
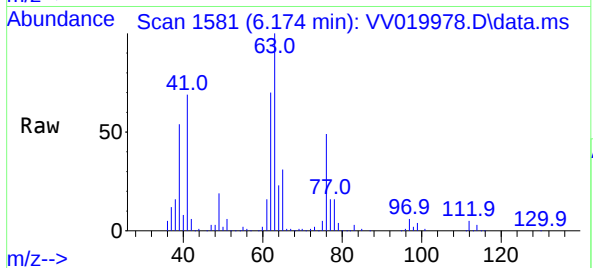




#37
1,2-Dichloropropane
Concen: 50.50 ug/L
RT: 6.174 min Scan# 1581
Delta R.T. -0.003 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

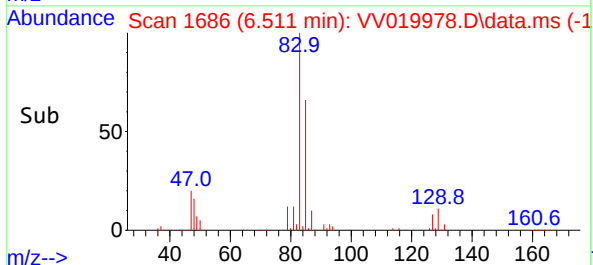
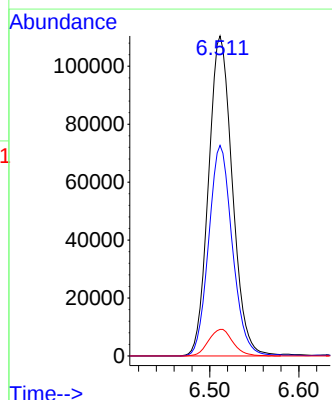
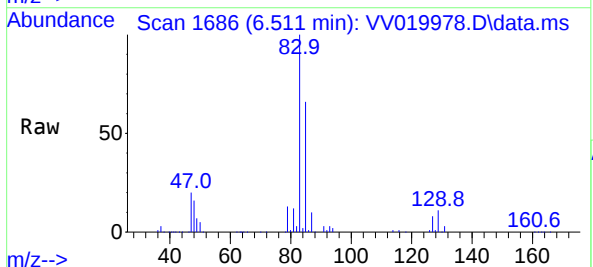
Instrument :
MSVOA_V
ClientSampleId :
VSTD05064

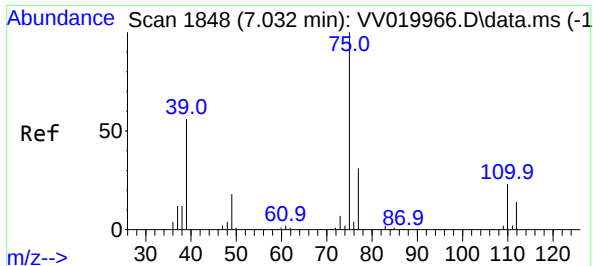
Tgt Ion: 63 Resp: 145333
Ion Ratio Lower Upper
63 100
112 4.7 3.3 4.9



#38
Bromodichloromethane
Concen: 49.41 ug/L
RT: 6.511 min Scan# 1686
Delta R.T. -0.004 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

Tgt Ion: 83 Resp: 205391
Ion Ratio Lower Upper
83 100
85 65.8 44.5 82.7
127 8.3 6.3 9.5

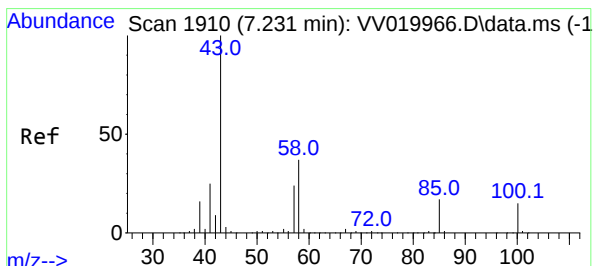
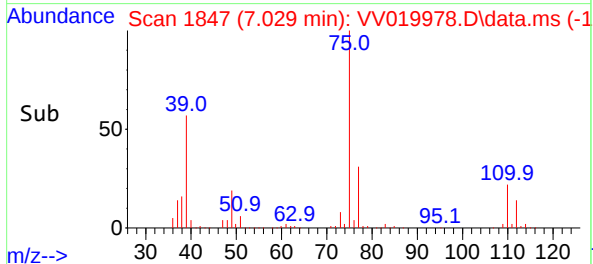
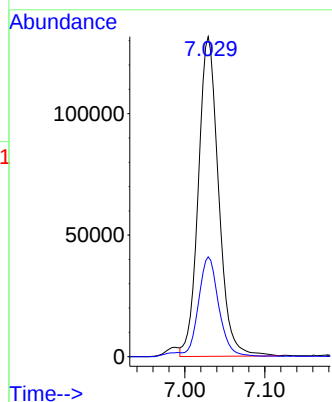
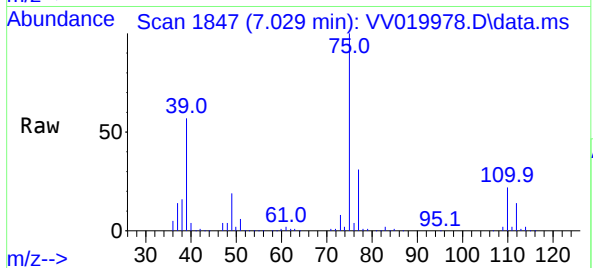




#39
cis-1,3-Dichloropropene
Concen: 51.42 ug/L
RT: 7.029 min Scan# 1847
Delta R.T. -0.003 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

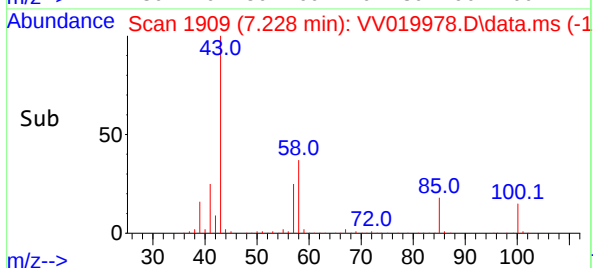
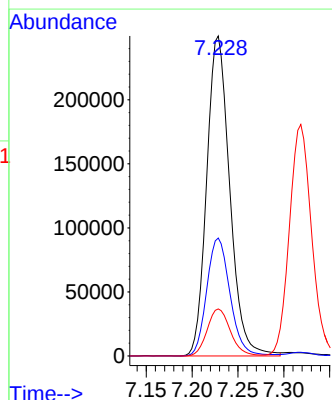
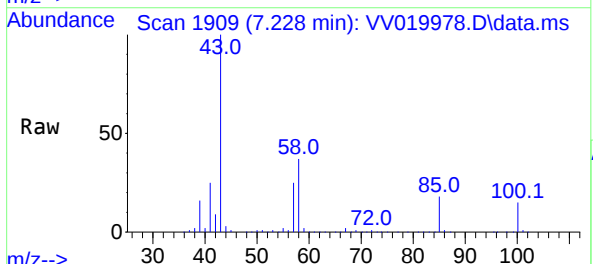
Instrument :
MSVOA_V
ClientSampleId :
VSTD05064

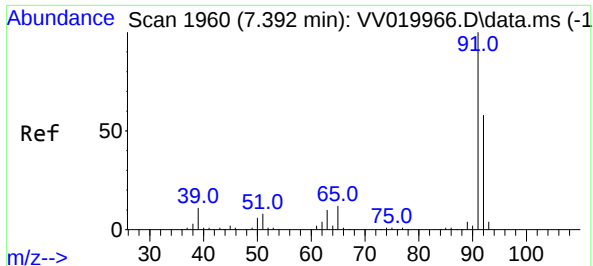
Tgt Ion: 75 Resp: 231734
Ion Ratio Lower Upper
75 100
77 31.2 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 98.77 ug/L
RT: 7.228 min Scan# 1909
Delta R.T. -0.004 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

Tgt Ion: 43 Resp: 436750
Ion Ratio Lower Upper
43 100
58 37.2 30.7 46.1
100 14.8 11.6 17.4





#42

Toluene

Concen: 50.87 ug/L

RT: 7.389 min Scan# 1959

Delta R.T. -0.003 min

Lab File: VV019978.D

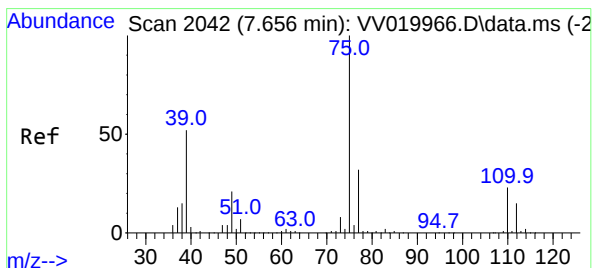
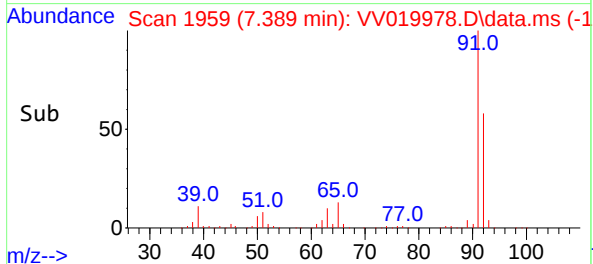
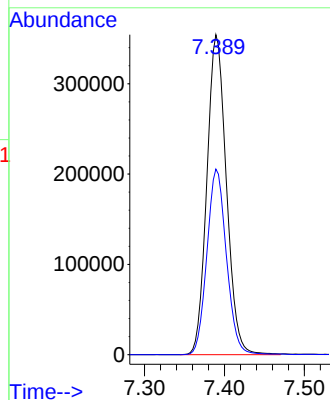
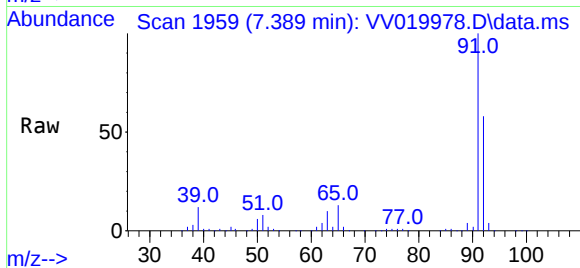
Acq: 13 Jan 2021 09:51

Tgt Ion: 91 Resp: 601069

Ion Ratio Lower Upper

91 100

92 58.0 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 50.27 ug/L

RT: 7.653 min Scan# 2041

Delta R.T. -0.003 min

Lab File: VV019978.D

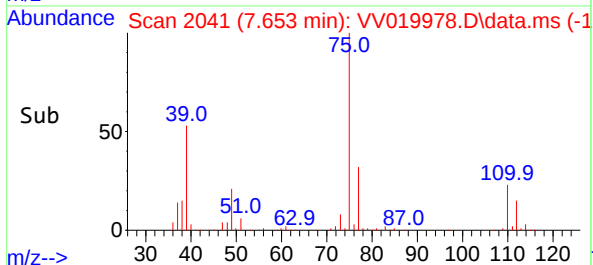
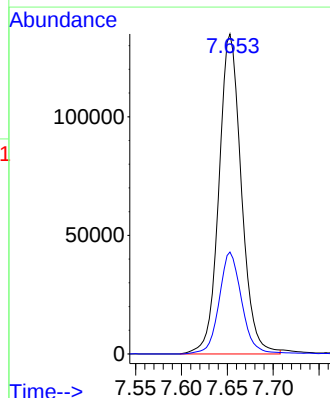
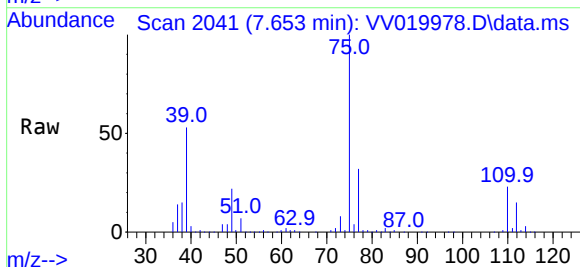
Acq: 13 Jan 2021 09:51

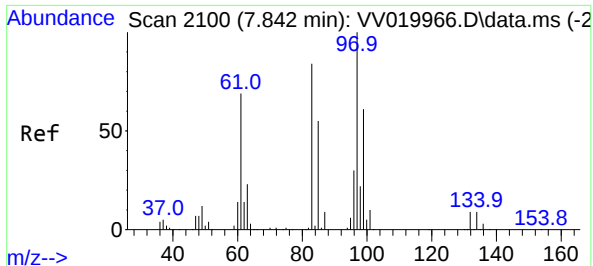
Tgt Ion: 75 Resp: 229805

Ion Ratio Lower Upper

75 100

77 31.9 22.0 41.0



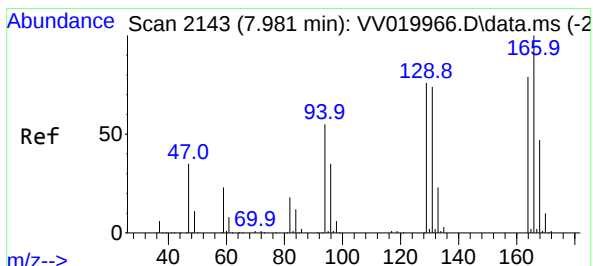
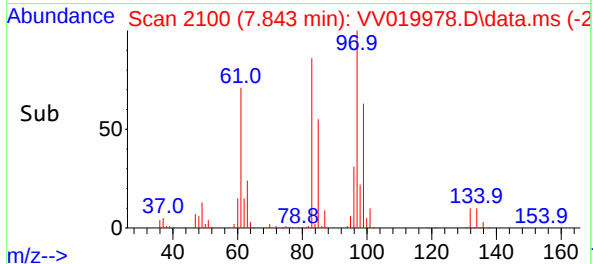
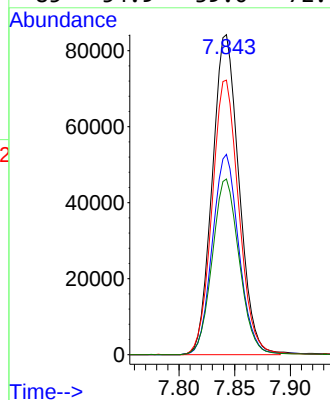
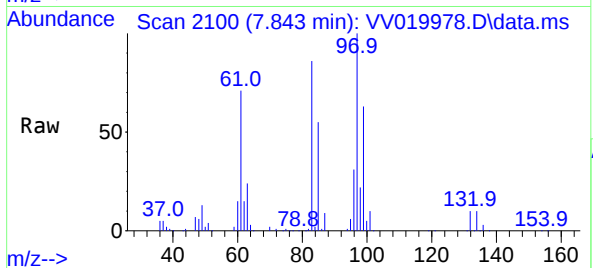


#45
1,1,2-Trichloroethane
Concen: 49.67 ug/L
RT: 7.843 min Scan# 2100
Delta R.T. -0.000 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD05064

Tgt Ion: 97 Resp: 140502

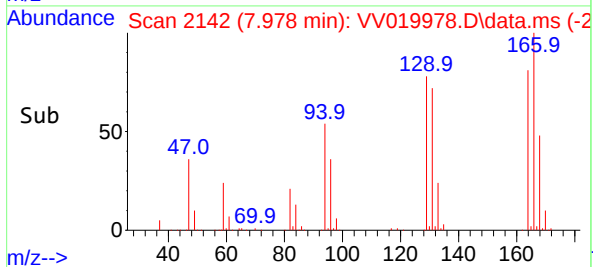
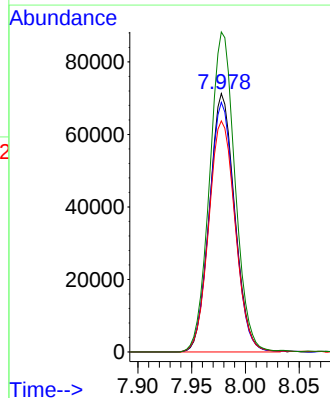
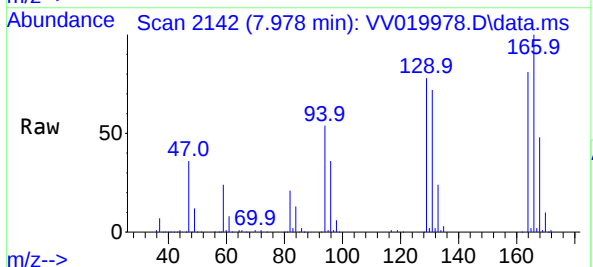
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.8	81.3
83	85.8	62.2	115.4
85	54.9	39.0	72.4

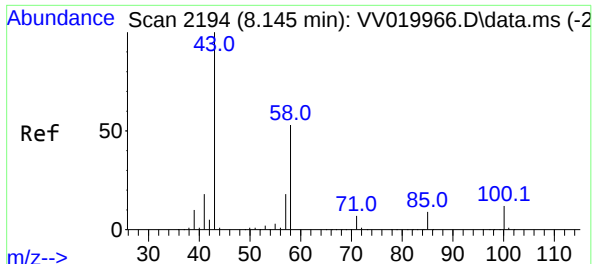


#46
Tetrachloroethene
Concen: 51.16 ug/L
RT: 7.978 min Scan# 2142
Delta R.T. -0.003 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

Tgt Ion: 164 Resp: 116793

Ion	Ratio	Lower	Upper
164	100		
129	96.6	70.6	131.0
131	89.4	66.8	124.0
166	123.8	88.2	163.8



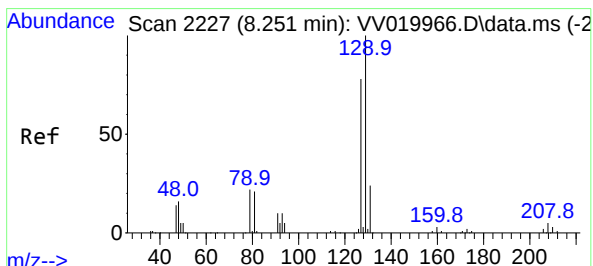
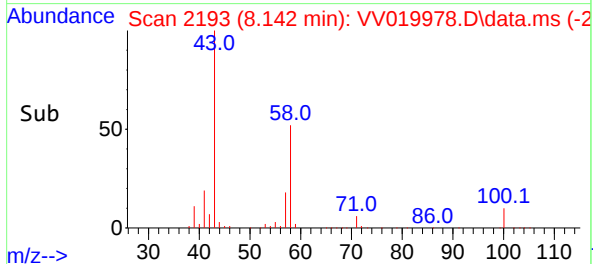
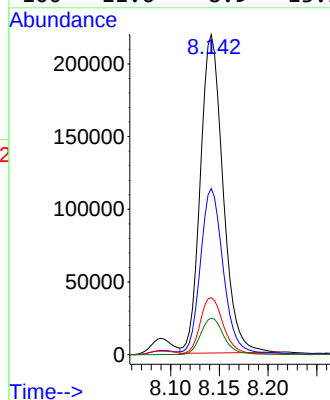
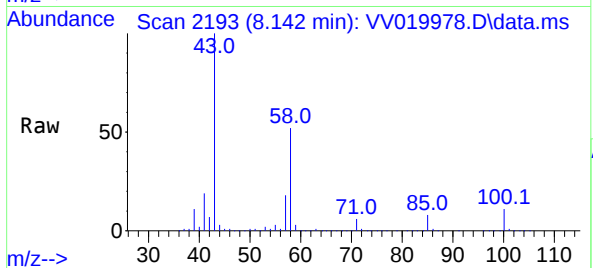


#48
2-Hexanone
Concen: 101.81 ug/L
RT: 8.142 min Scan# 2193
Delta R.T. -0.000 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD05064

Tgt Ion: 43 Resp: 354143

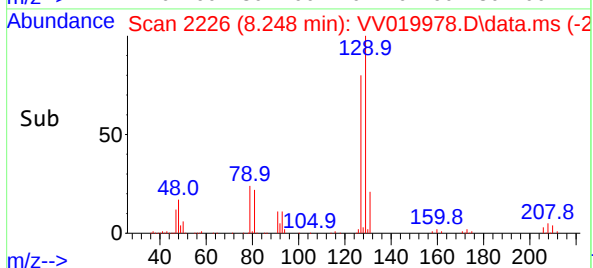
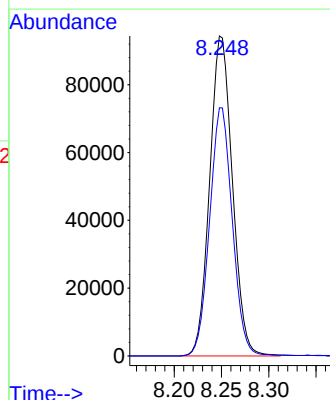
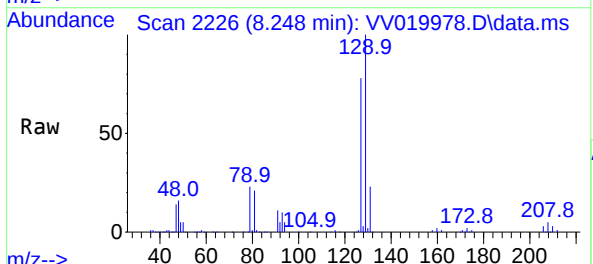
Ion	Ratio	Lower	Upper
43	100		
58	52.8	41.8	62.6
57	17.7	15.0	22.4
100	11.6	8.9	13.3

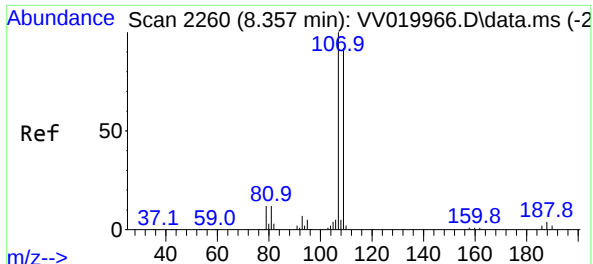


#49
Dibromochloromethane
Concen: 50.58 ug/L
RT: 8.248 min Scan# 2226
Delta R.T. -0.003 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

Tgt Ion: 129 Resp: 158012

Ion	Ratio	Lower	Upper
129	100		
127	77.5	55.2	102.6

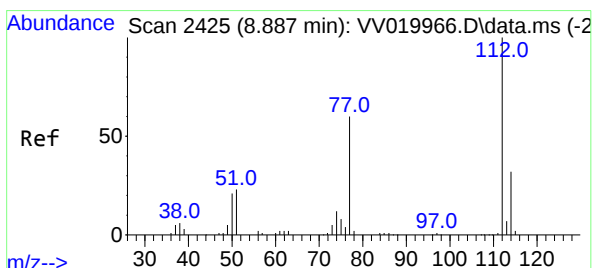
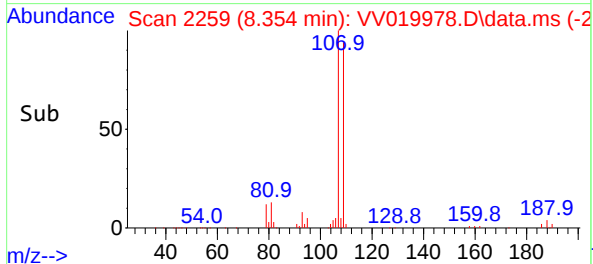
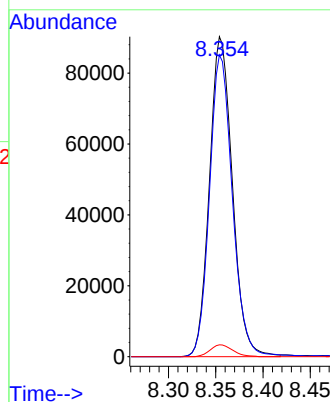
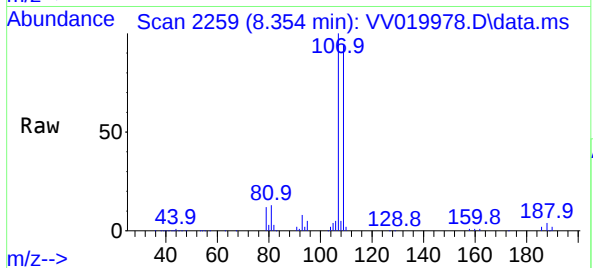




#50
1,2-Dibromoethane
Concen: 50.07 ug/L
RT: 8.354 min Scan# 2259
Delta R.T. -0.003 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

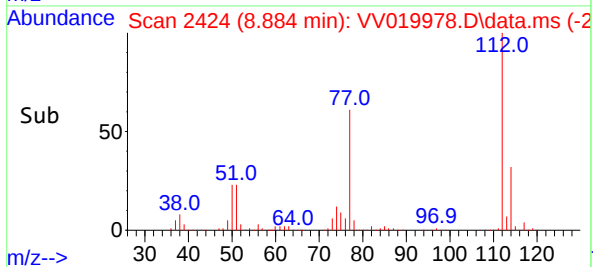
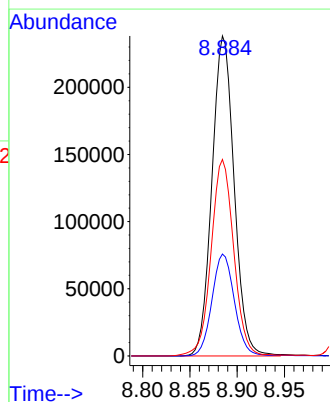
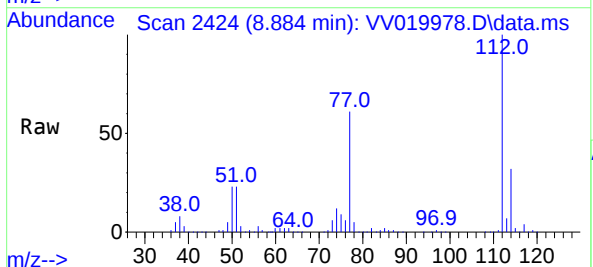
Instrument :
MSVOA_V
ClientSampleId :
VSTD05064

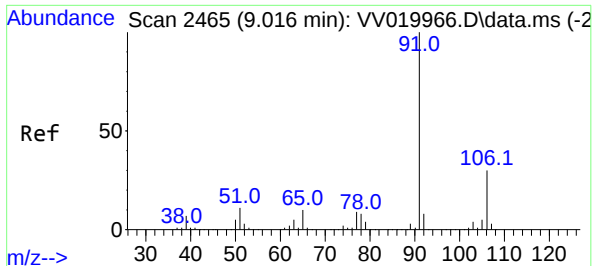
Tgt Ion:107 Resp: 151952
Ion Ratio Lower Upper
107 100
109 94.3 66.2 123.0
188 3.7 2.6 3.8



#51
Chlorobenzene
Concen: 49.72 ug/L
RT: 8.884 min Scan# 2424
Delta R.T. -0.004 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

Tgt Ion:112 Resp: 389118
Ion Ratio Lower Upper
112 100
114 31.8 22.2 41.2
77 61.4 49.0 73.6

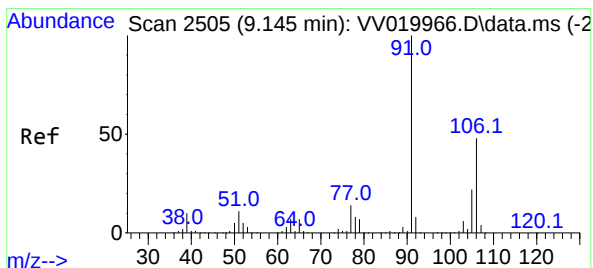
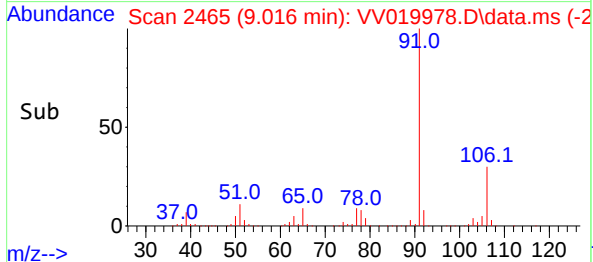
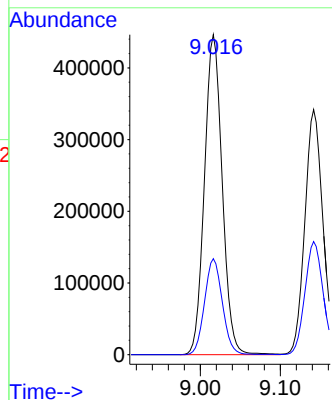
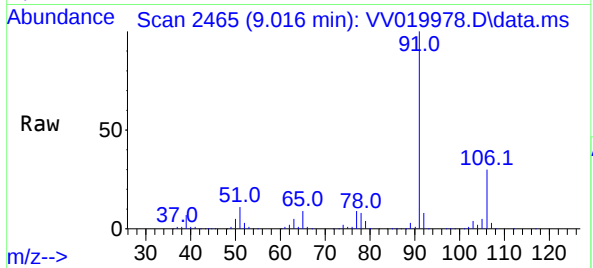




#52
Ethylbenzene
Concen: 51.48 ug/L
RT: 9.016 min Scan# 2465
Delta R.T. 0.000 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

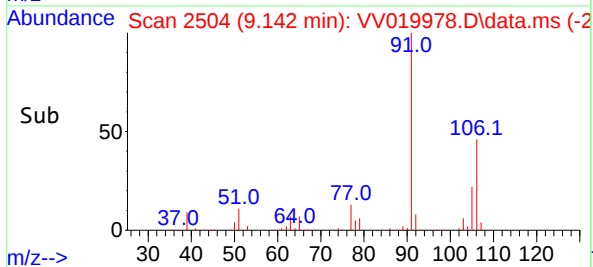
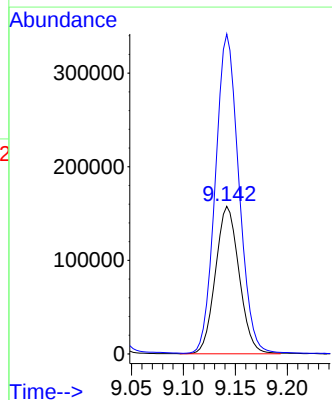
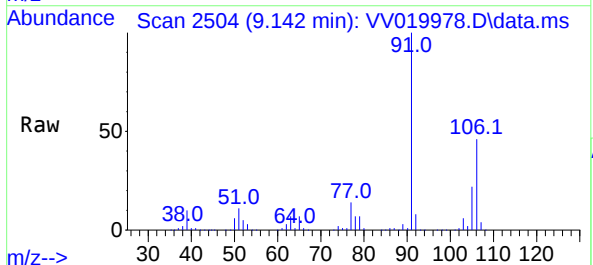
Instrument :
MSVOA_V
ClientSampleId :
VSTD05064

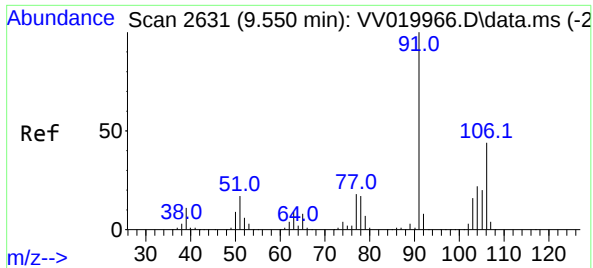
Tgt Ion: 91 Resp: 690808
Ion Ratio Lower Upper
91 100
106 30.0 21.0 39.0



#53
m,p-Xylene
Concen: 50.94 ug/L
RT: 9.142 min Scan# 2504
Delta R.T. -0.003 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

Tgt Ion: 106 Resp: 249644
Ion Ratio Lower Upper
106 100
91 216.6 148.1 275.0

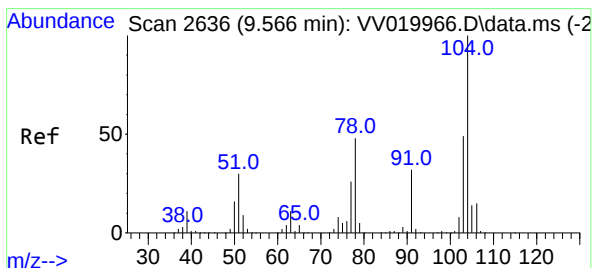
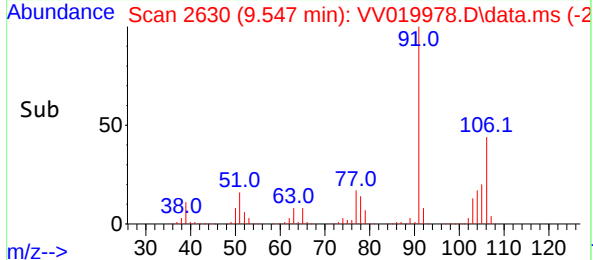
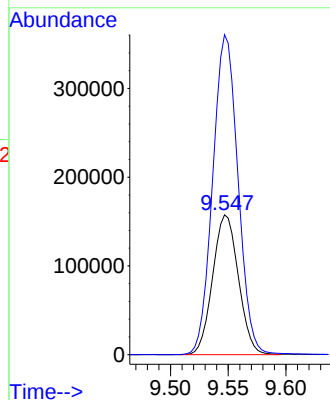
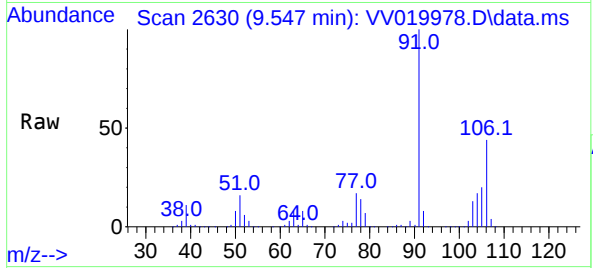




#54
o-xylene
Concen: 50.65 ug/L
RT: 9.547 min Scan# 2630
Delta R.T. -0.003 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

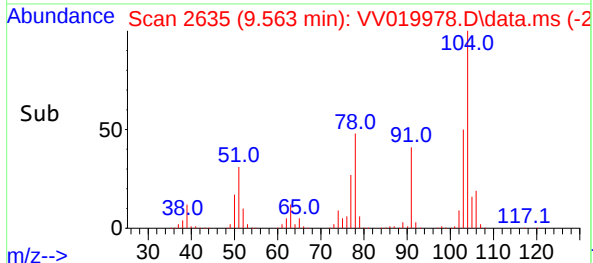
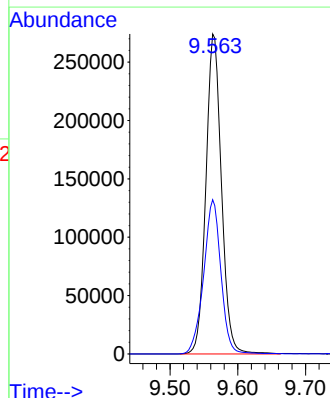
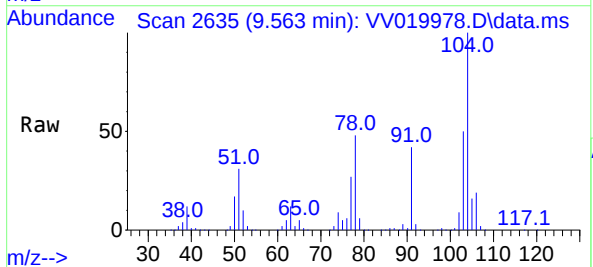
Instrument :
MSVOA_V
ClientSampleId :
VSTD05064

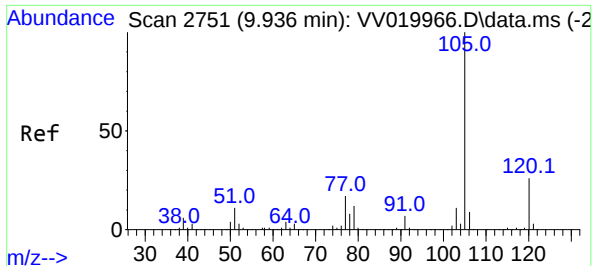
Tgt Ion:106 Resp: 244396
Ion Ratio Lower Upper
106 100
91 228.9 156.4 290.6



#55
Styrene
Concen: 52.41 ug/L
RT: 9.563 min Scan# 2635
Delta R.T. -0.003 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

Tgt Ion:104 Resp: 437110
Ion Ratio Lower Upper
104 100
78 48.2 33.7 62.5



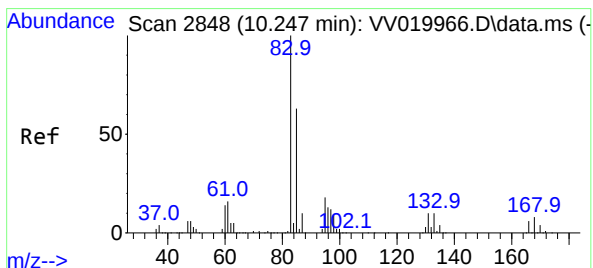
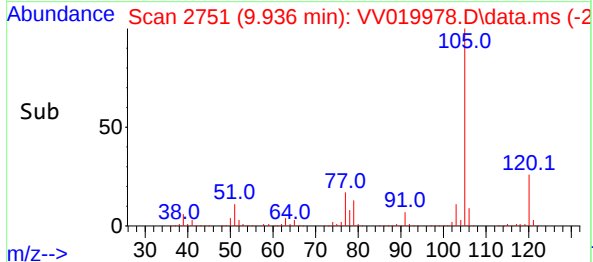
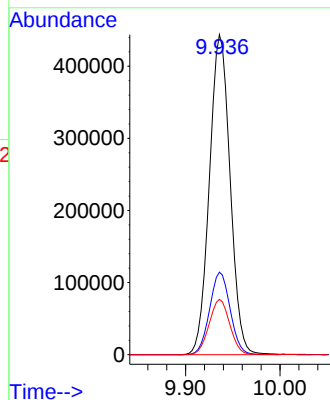
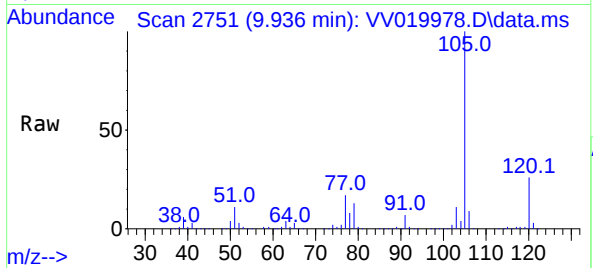


#56
Isopropylbenzene
Concen: 51.74 ug/L
RT: 9.936 min Scan# 2751
Delta R.T. -0.000 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD05064

Tgt Ion:105 Resp: 675230

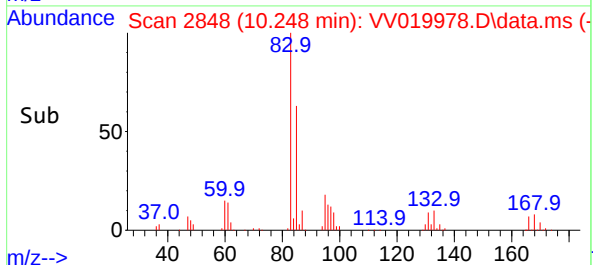
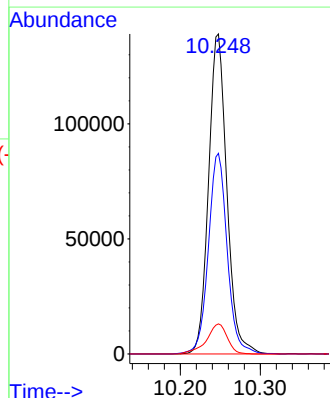
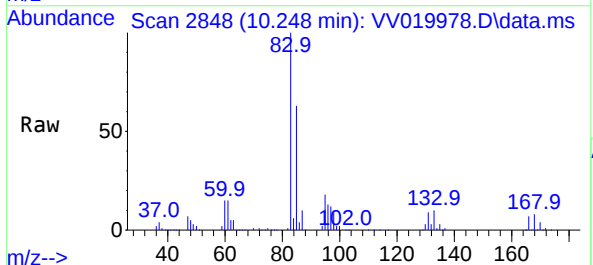
Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.5	30.7
77	17.2	13.6	20.4

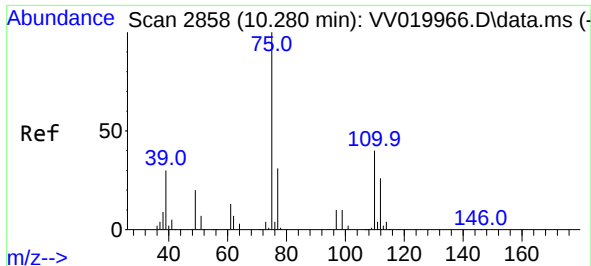


#58
1,1,2,2-Tetrachloroethane
Concen: 49.98 ug/L
RT: 10.248 min Scan# 2848
Delta R.T. -0.000 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

Tgt Ion: 83 Resp: 221348

Ion	Ratio	Lower	Upper
83	100		
85	62.7	44.3	82.3
131	9.4	7.3	10.9

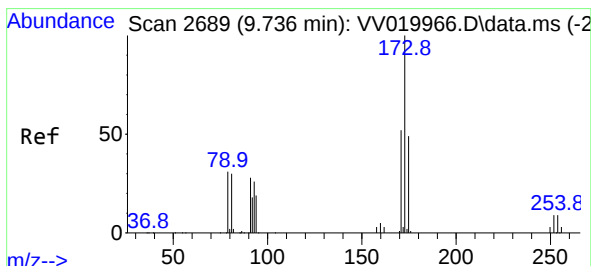
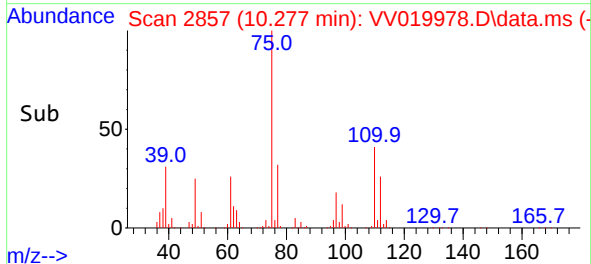
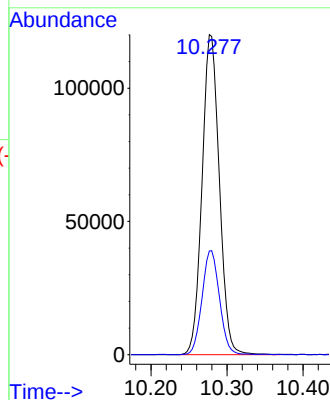
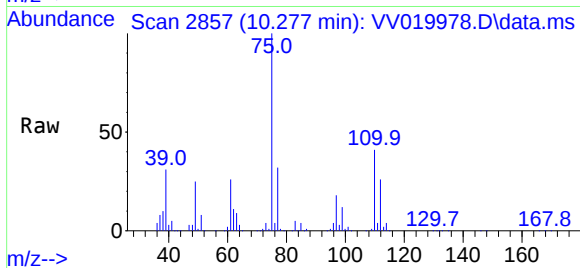




#59
1,2,3-Trichloropropane
Concen: 48.43 ug/L
RT: 10.277 min Scan# 2857
Delta R.T. -0.003 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

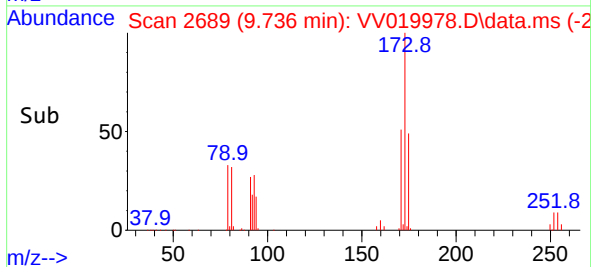
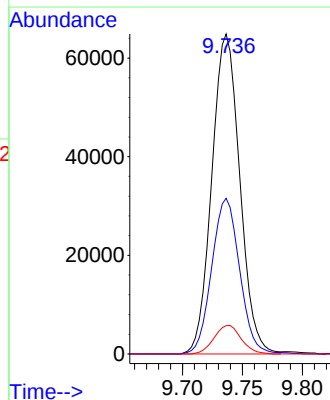
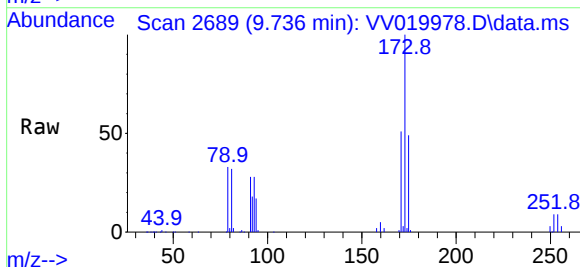
Instrument :
MSVOA_V
ClientSampleId :
VSTD05064

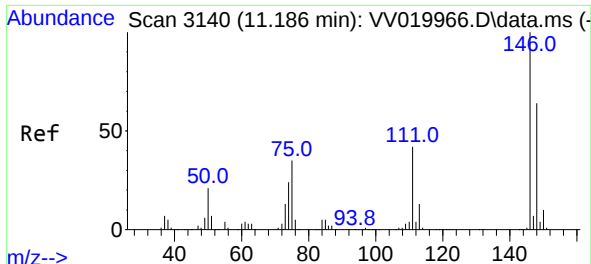
Tgt Ion: 75 Resp: 189541
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.0



#61
Bromoform
Concen: 48.44 ug/L
RT: 9.736 min Scan# 2689
Delta R.T. 0.000 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

Tgt Ion: 173 Resp: 105207
Ion Ratio Lower Upper
173 100
175 48.4 38.6 57.8
254 8.7 6.5 9.7

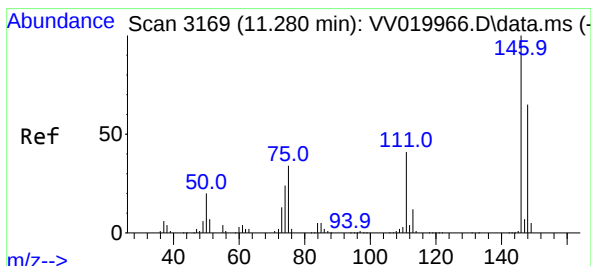
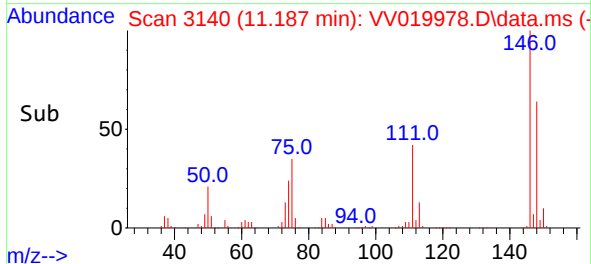
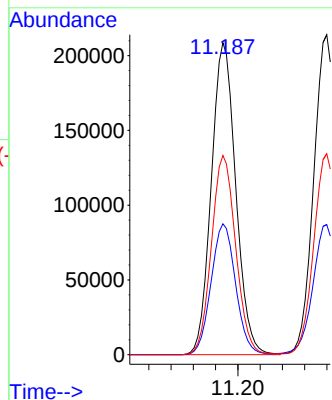
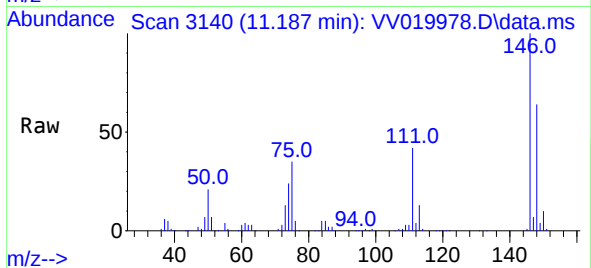




#62
1,3-Dichlorobenzene
Concen: 49.68 ug/L
RT: 11.187 min Scan# 3140
Delta R.T. 0.001 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

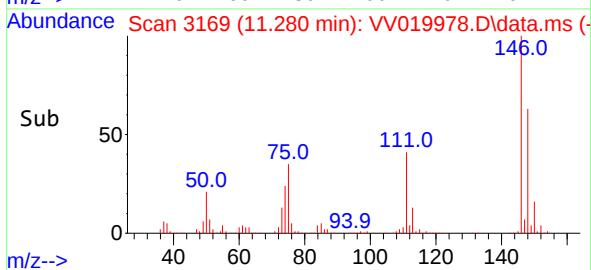
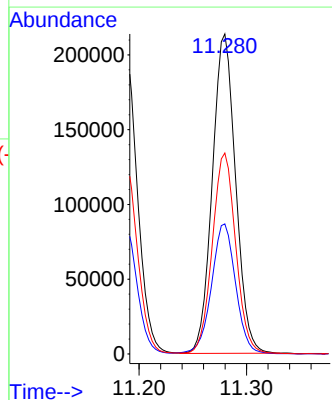
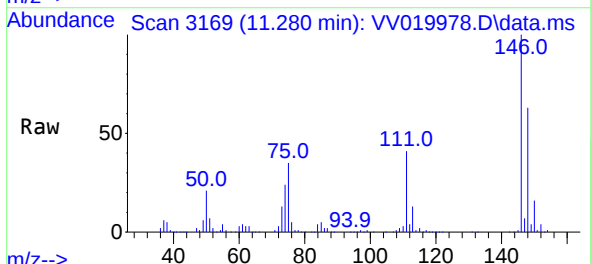
Instrument :
MSVOA_V
ClientSampleId :
VSTD05064

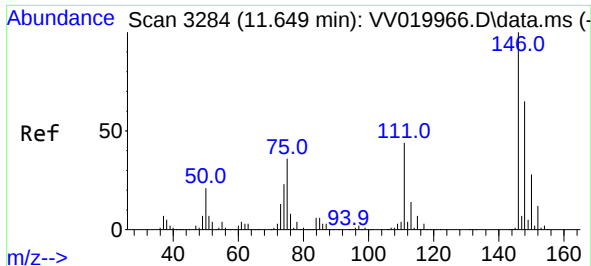
Tgt Ion:146 Resp: 317996
Ion Ratio Lower Upper
146 100
111 41.9 30.2 56.2
148 63.8 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 48.99 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. -0.000 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

Tgt Ion:146 Resp: 321785
Ion Ratio Lower Upper
146 100
111 40.7 29.4 54.6
148 62.8 44.7 83.1

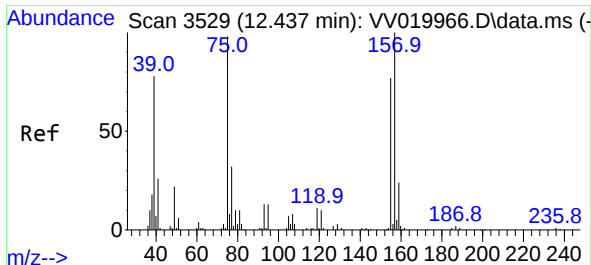
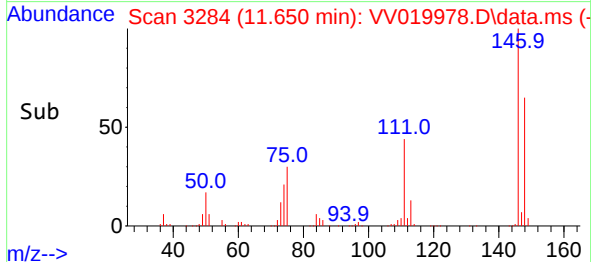
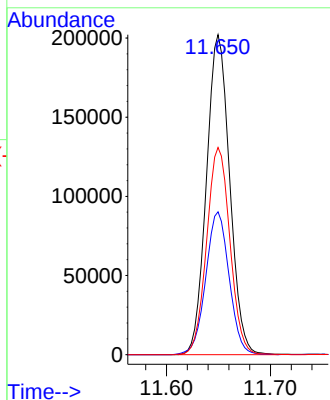
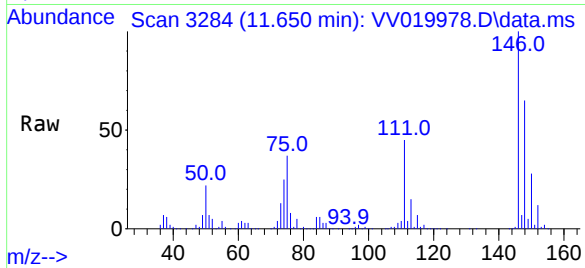




#65
1,2-Dichlorobenzene
Concen: 48.68 ug/L
RT: 11.650 min Scan# 3284
Delta R.T. 0.001 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

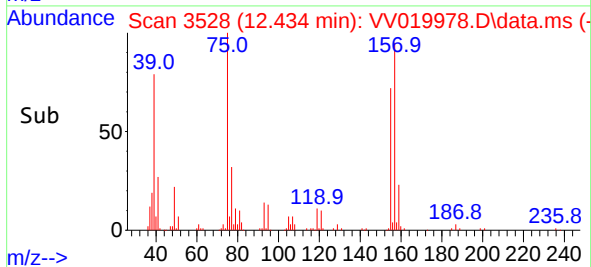
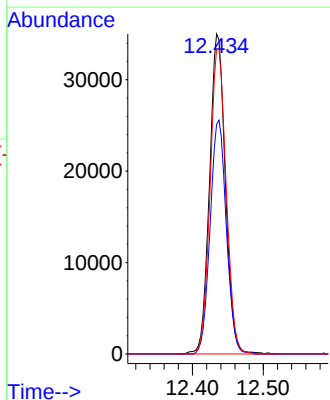
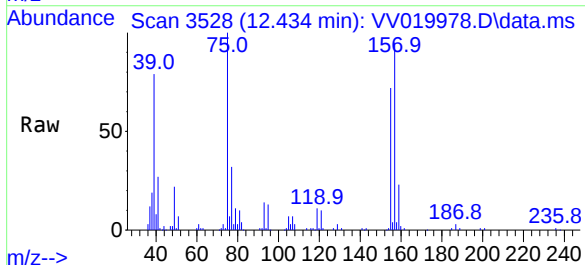
Instrument :
MSVOA_V
ClientSampleId :
VSTD05064

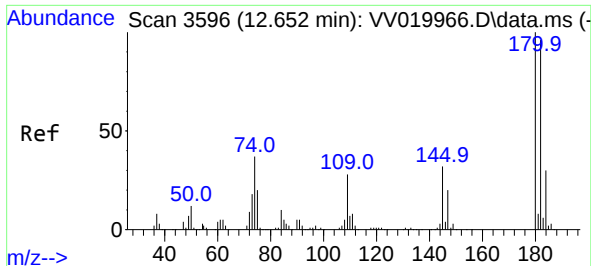
Tgt Ion:146 Resp: 313939
Ion Ratio Lower Upper
146 100
111 44.7 36.3 54.5
148 64.7 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 48.51 ug/L
RT: 12.434 min Scan# 3528
Delta R.T. -0.003 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

Tgt Ion: 75 Resp: 54409
Ion Ratio Lower Upper
75 100
155 71.7 59.1 88.7
157 95.2 75.4 113.0

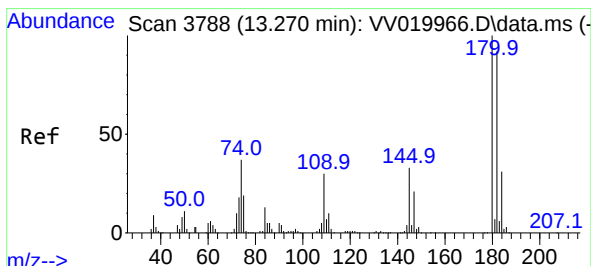
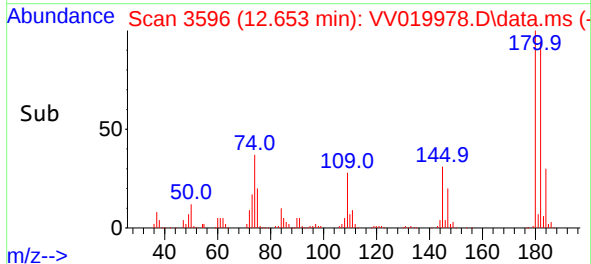
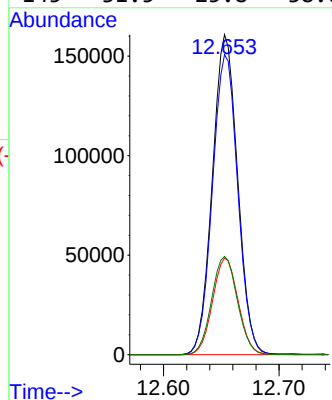
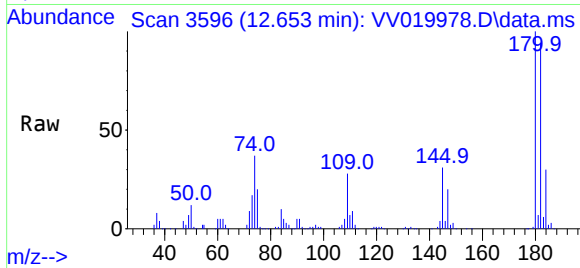




#67
1,3,5-Trichlorobenzene
Concen: 50.70 ug/L
RT: 12.653 min Scan# 3596
Delta R.T. -0.000 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

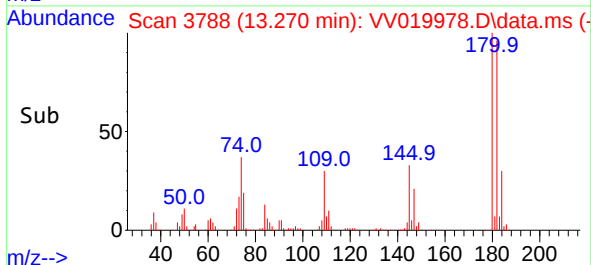
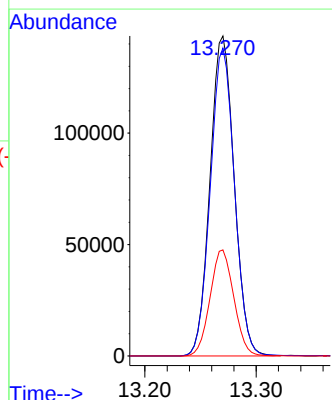
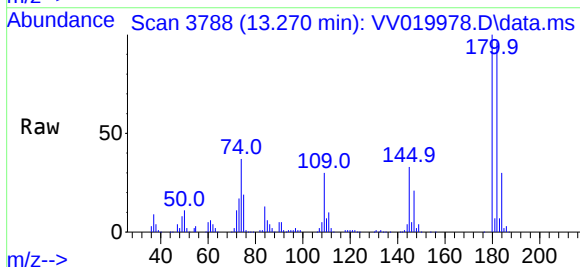
Instrument :
MSVOA_V
ClientSampleId :
VSTD05064

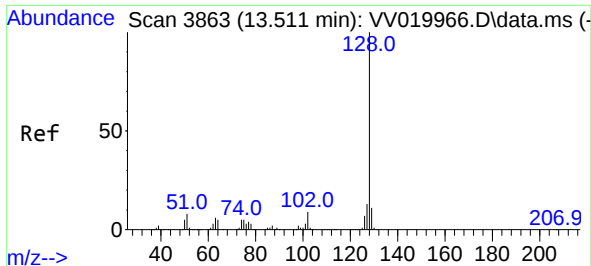
Tgt Ion:180 Resp: 243720
Ion Ratio Lower Upper
180 100
182 94.4 75.0 112.6
184 30.6 24.0 36.0
145 31.5 25.8 38.6



#68
1,2,4-trichlorobenzene
Concen: 50.91 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. 0.000 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

Tgt Ion:180 Resp: 216401
Ion Ratio Lower Upper
180 100
182 96.3 75.1 112.7
145 32.6 26.8 40.2

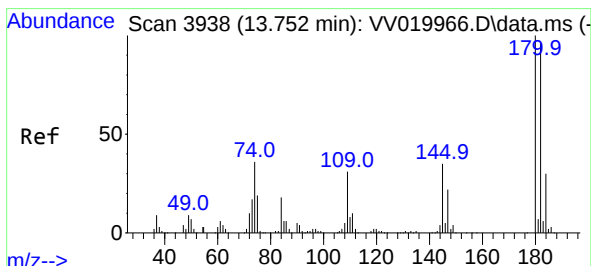
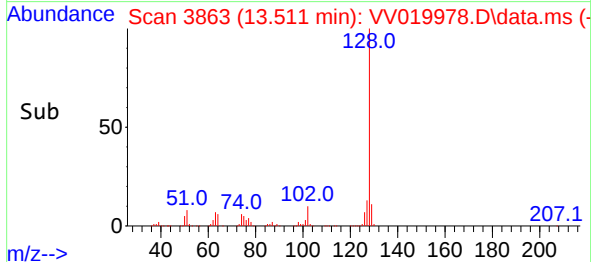
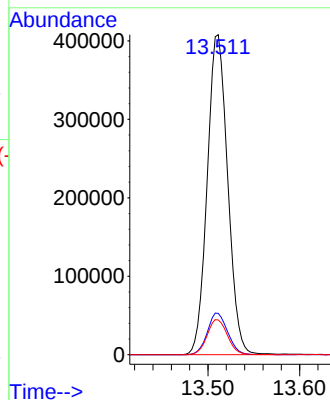
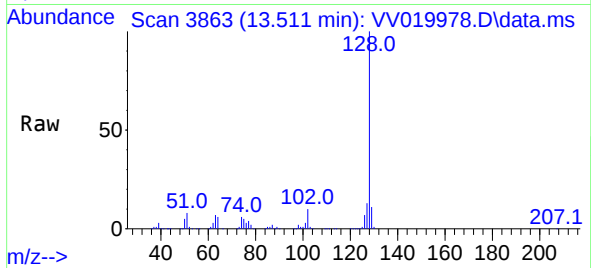




#69
Naphthalene
Concen: 51.56 ug/L
RT: 13.511 min Scan# 3863
Delta R.T. 0.000 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD05064

Tgt Ion:128 Resp: 633846
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 50.96 ug/L
RT: 13.752 min Scan# 3938
Delta R.T. 0.000 min
Lab File: VV019978.D
Acq: 13 Jan 2021 09:51

Tgt Ion:180 Resp: 210250
Ion Ratio Lower Upper
180 100
182 95.9 76.1 114.1
145 34.7 27.9 41.9

