

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012121\
 Data File : VV020102.D
 Acq On : 21 Jan 2021 11:43
 Operator : SY/MD
 Sample : VSTD00564
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00564

Quant Time: Jan 21 13:13:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 21 13:13:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	437399	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	439696	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	201090	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	15395	5.50	ug/L	0.00
7) Chloroethane-d5	1.569	69	12979	5.97	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.113	63	31313	5.66	ug/L	0.00
21) 2-Butanone-d5	3.910	46	13913	7.05	ug/L	0.02
24) Chloroform-d	4.357	84	26896	4.39	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.042	65	18867	4.62	ug/L	0.00
32) Benzene-d6	5.058	84	52096	4.31	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.077	67	15633	4.37	ug/L	0.00
41) Toluene-d8	7.321	98	48376	4.30	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.633	79	7410	3.92	ug/L	0.00
47) 2-Hexanone-d5	8.100	63	10588	7.45	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.225	84	21403	4.42	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.633	152	21200	5.47	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	18685	5.17	ug/L	99
3) Chloromethane	1.241	50	18010	6.35	ug/L	99
5) Vinyl chloride	1.312	62	19374	6.35	ug/L	94
6) Bromomethane	1.524	94	11808	5.63	ug/L	94
8) Chloroethane	1.585	64	12134	6.71	ug/L	97
9) Trichlorofluoromethane	1.753	101	26142	5.14	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	15541	5.83	ug/L	95
12) 1,1-Dichloroethene	2.122	96	14538	5.84	ug/L	79
13) Acetone	2.183	43	21984	13.19	ug/L	98
14) Carbon disulfide	2.296	76	38692	4.79	ug/L	98
15) Methyl Acetate	2.441	43	15486	5.37	ug/L	96
16) Methylene chloride	2.511	84	14511	4.71	ug/L	100
17) trans-1,2-Dichloroethene	2.765	96	12904	4.36	ug/L	83
18) Methyl tert-butyl Ether	2.772	73	42358	4.51	ug/L	97
19) 1,1-Dichloroethane	3.196	63	26262	4.96	ug/L	98
20) cis-1,2-Dichloroethene	3.923	96	13583	4.29	ug/L	99
22) 2-Butanone	3.997	43	18223	8.50	ug/L	93
23) Bromochloromethane	4.251	128	2571	1.46	ug/L	93
25) Chloroform	4.383	83	27622	4.79	ug/L	99
27) 1,2-Dichloroethane	5.138	62	24041	5.04	ug/L	98
29) Cyclohexane	4.682	56	21818	4.54	ug/L	95
30) 1,1,1-Trichloroethane	4.614	97	22599	3.96	ug/L	97
31) Carbon tetrachloride	4.833	117	19829	3.94	ug/L	96
33) Benzene	5.106	78	60793	4.84	ug/L	100
34) Trichloroethene	5.923	95	17260	4.64	ug/L	99
35) Methylcyclohexane	6.138	83	22271	4.25	ug/L	99
37) 1,2-Dichloropropane	6.183	63	15153	4.86	ug/L	# 95
38) Bromodichloromethane	6.518	83	21131	4.63	ug/L	98
39) cis-1,3-Dichloropropene	7.035	75	20104	3.92	ug/L	93
40) 4-Methyl-2-pentanone	7.235	43	42513	9.76	ug/L	98
42) Toluene	7.395	91	61317	4.52	ug/L	99
44) trans-1,3-Dichloropropene	7.659	75	19792	4.01	ug/L	97

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 ALS Vial : 1 Sample Multiplier: 1

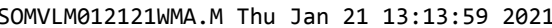
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00564

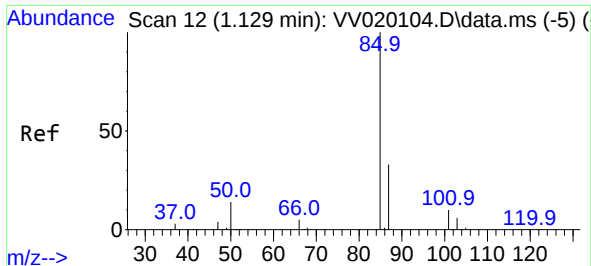
Quant Time: Jan 21 13:13:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 21 13:13:04 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.849	97	15428	4.84	ug/L	97
46) Tetrachloroethene	7.981	164	14067	5.04	ug/L	94
48) 2-Hexanone	8.151	43	34203	10.25	ug/L	99
49) Dibromochloromethane	8.254	129	15562	4.25	ug/L	94
50) 1,2-Dibromoethane	8.360	107	16687	4.79	ug/L #	99
51) Chlorobenzene	8.887	112	45501	5.05	ug/L	98
52) Ethylbenzene	9.019	91	68541	4.52	ug/L	99
53) m,p-Xylene	9.145	106	22678	3.92	ug/L	86
54) o-xylene	9.550	106	22939	4.06	ug/L	99
55) Styrene	9.569	104	36639	3.76	ug/L	94
56) Isopropylbenzene	9.939	105	62080	4.10	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.251	83	21623	4.55	ug/L	99
59) 1,2,3-Trichloropropane	10.283	75	21529	5.14	ug/L	99
61) Bromoform	9.736	173	7874	3.81	ug/L	95
62) 1,3-Dichlorobenzene	11.189	146	30221	5.02	ug/L	98
63) 1,4-Dichlorobenzene	11.283	146	33172	5.37	ug/L	96
65) 1,2-Dichlorobenzene	11.652	146	35701	5.89	ug/L	95
66) 1,2-Dibromo-3-chloropr...	12.440	75	4533	4.93	ug/L	96
67) 1,3,5-Trichlorobenzene	12.656	180	21748	4.49	ug/L	97
68) 1,2,4-trichlorobenzene	13.270	180	21644	5.14	ug/L	99
69) Naphthalene	13.514	128	50746	4.48	ug/L	99
70) 1,2,3-Trichlorobenzene	13.755	180	18305	4.57	ug/L	96

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

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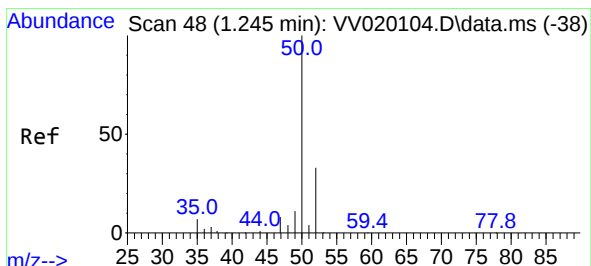
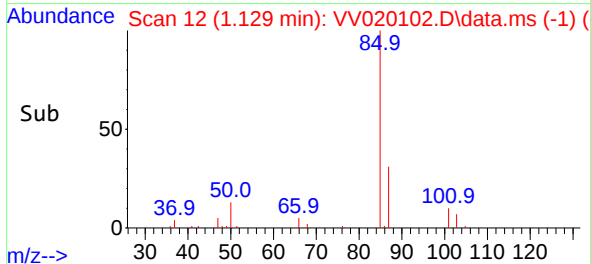
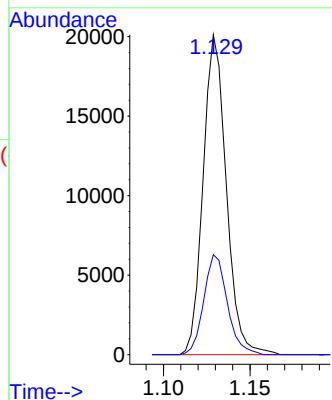
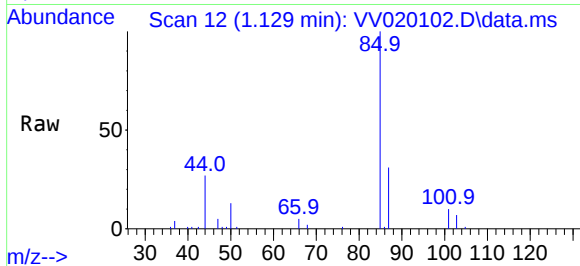




#2
Dichlorodifluoromethane
Concen: 5.17 ug/L
RT: 1.129 min Scan# 12
Delta R.T. -0.000 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

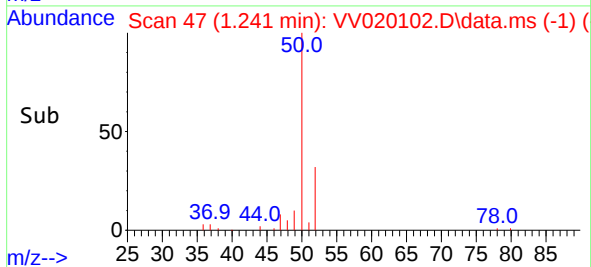
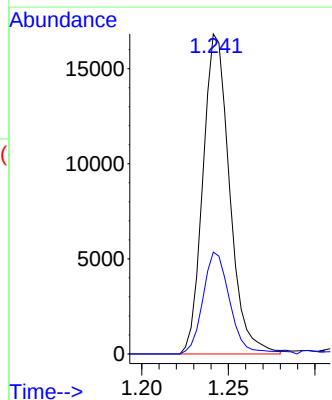
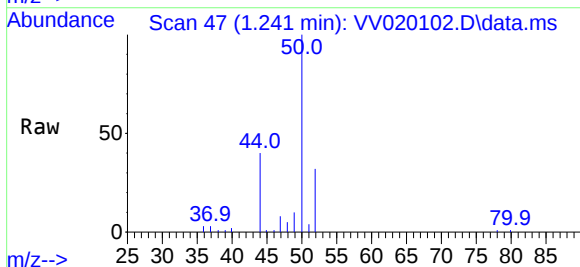
Instrument :
MSVOA_V
ClientSampleId :
VSTD00564

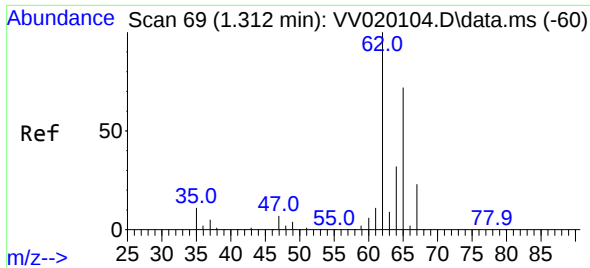
Tgt Ion: 85 Resp: 18685
Ion Ratio Lower Upper
85 100
87 31.8 25.9 38.9



#3
Chloromethane
Concen: 6.35 ug/L
RT: 1.241 min Scan# 47
Delta R.T. -0.003 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

Tgt Ion: 50 Resp: 18010
Ion Ratio Lower Upper
50 100
52 31.8 22.7 42.1



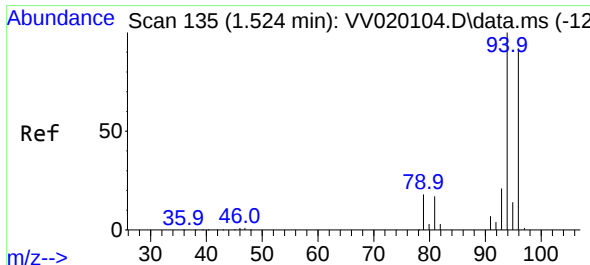
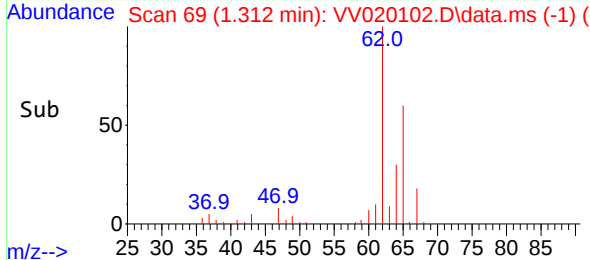
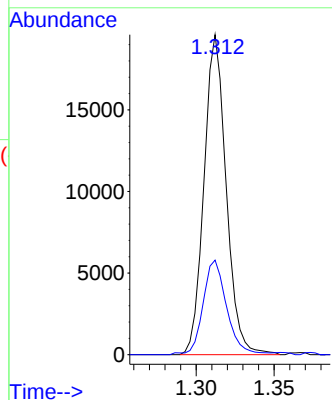
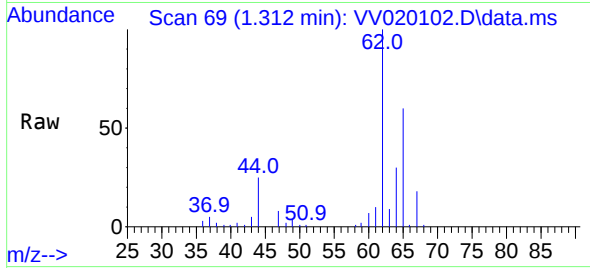


#5
 Vinyl chloride
 Concen: 6.35 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. -0.000 min
 Lab File: VV020102.D
 Acq: 21 Jan 2021 11:43

Instrument :
 MSVOA_V
 ClientSampled :
 VSTD00564

Tgt Ion: 62 Resp: 19374

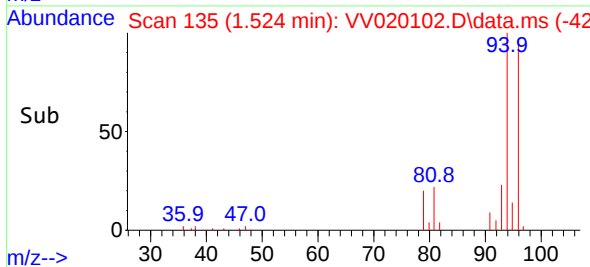
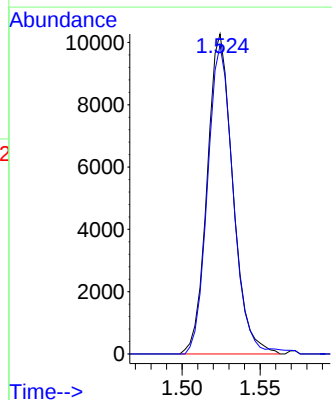
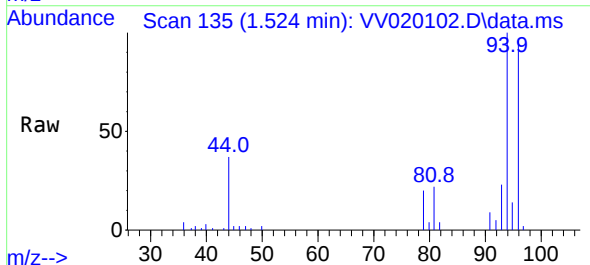
Ion	Ratio	Lower	Upper
62	100		
64	29.6	23.0	42.6

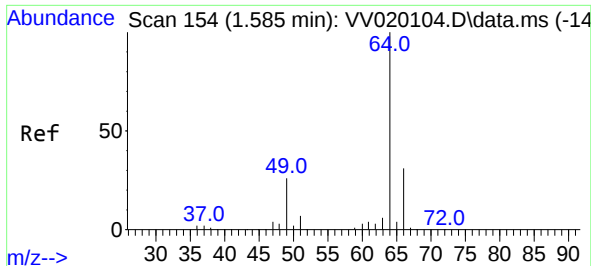


#6
 Bromomethane
 Concen: 5.63 ug/L
 RT: 1.524 min Scan# 135
 Delta R.T. -0.000 min
 Lab File: VV020102.D
 Acq: 21 Jan 2021 11:43

Tgt Ion: 94 Resp: 11808

Ion	Ratio	Lower	Upper
94	100		
96	96.4	63.6	118.2

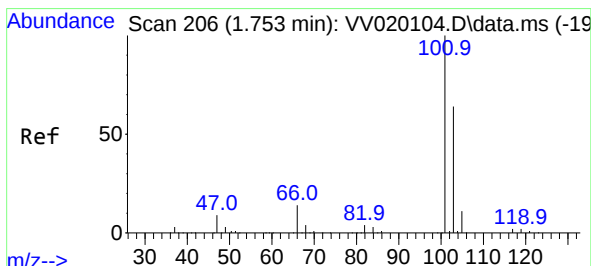
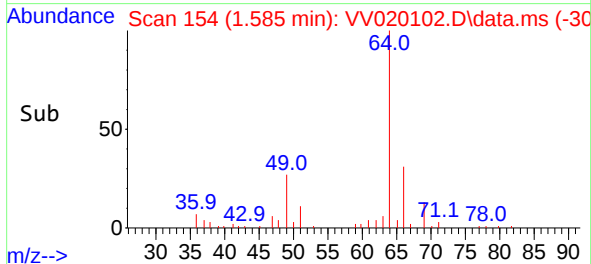
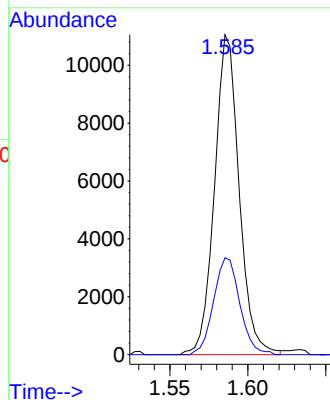
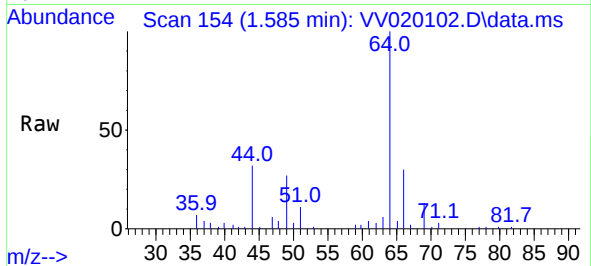




#8
Chloroethane
Concen: 6.71 ug/L
RT: 1.585 min Scan# 154
Delta R.T. -0.000 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

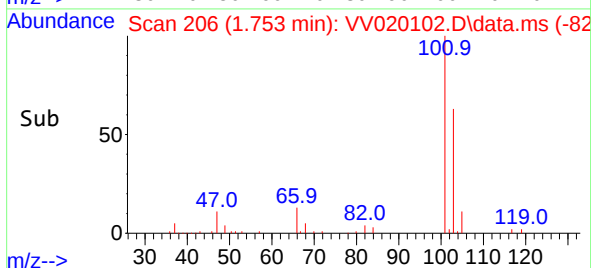
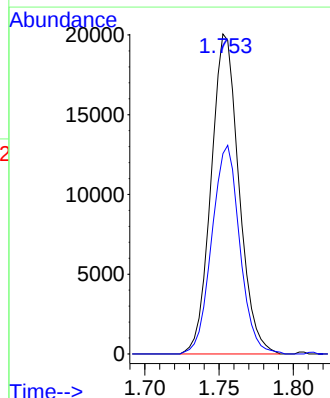
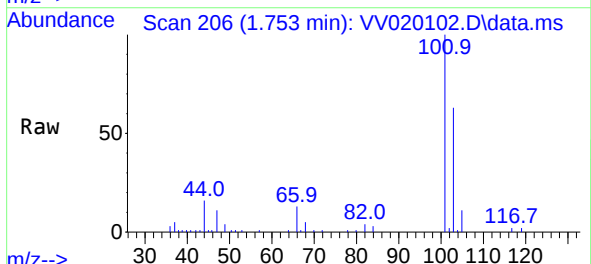
Instrument :
MSVOA_V
ClientSampleId :
VSTD00564

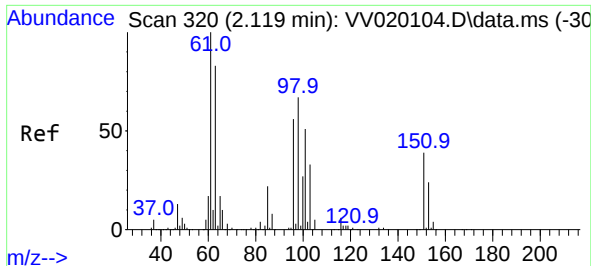
Tgt Ion: 64 Resp: 12134
Ion Ratio Lower Upper
64 100
66 30.3 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.14 ug/L
RT: 1.753 min Scan# 206
Delta R.T. -0.000 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

Tgt Ion:101 Resp: 26142
Ion Ratio Lower Upper
101 100
103 65.4 51.7 77.5





#10

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

Concen: 5.83 ug/L

RT: 2.119 min Scan# 320

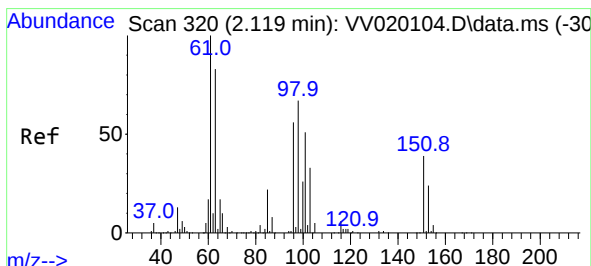
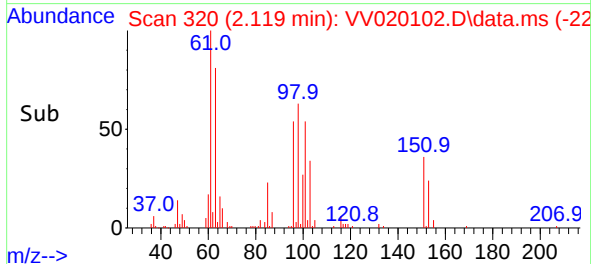
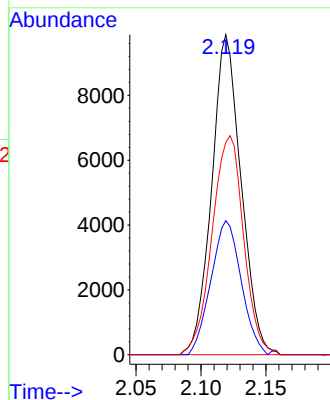
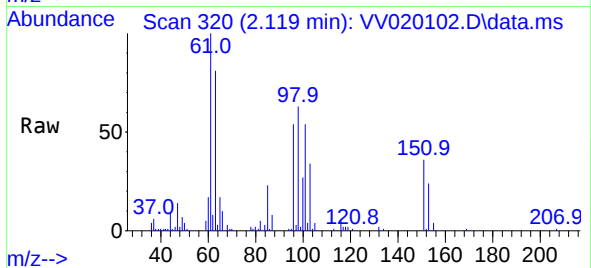
Delta R.T. -0.000 min

Lab File: VV020102.D

Acq: 21 Jan 2021 11:43

Tgt Ion:	101	Resp:	15541
Ion	Ratio	Lower	Upper
101	100		
85	43.0	35.3	52.9
151	73.3	53.6	80.4

Instrument :
MSVOA_V
ClientSampleId :
VSTD00564



#12

1,1-Dichloroethene

Concen: 5.84 ug/L

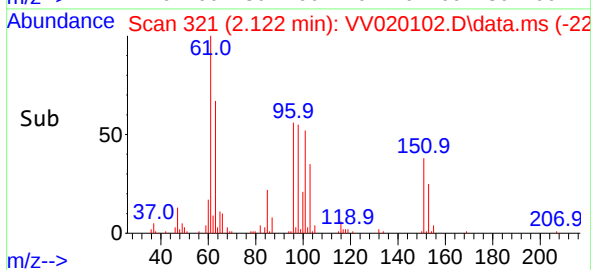
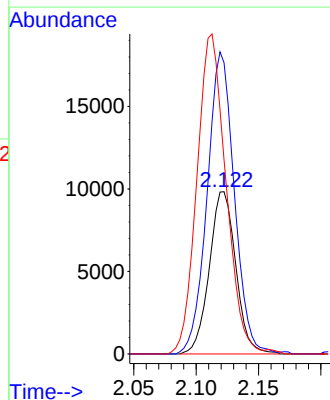
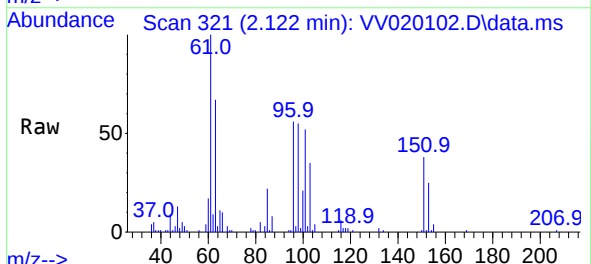
RT: 2.122 min Scan# 321

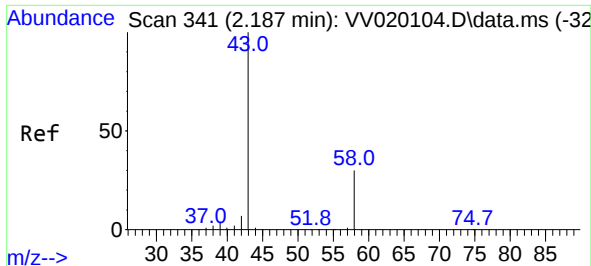
Delta R.T. 0.003 min

Lab File: VV020102.D

Acq: 21 Jan 2021 11:43

Tgt Ion:	96	Resp:	14538
Ion	Ratio	Lower	Upper
96	100		
61	179.6	134.9	250.5
63	119.7	117.6	218.4

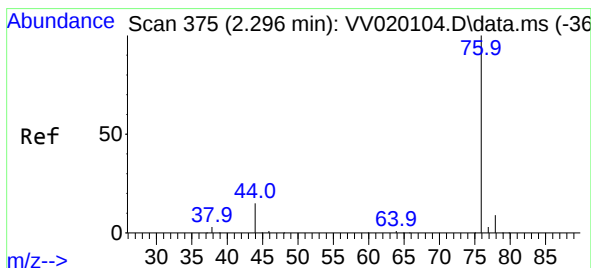
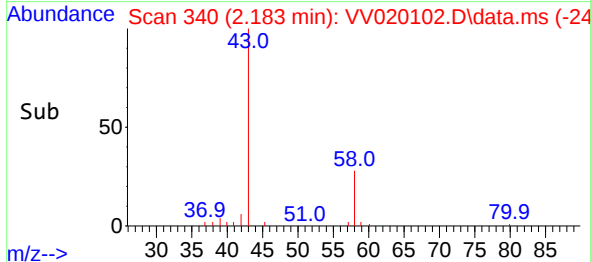
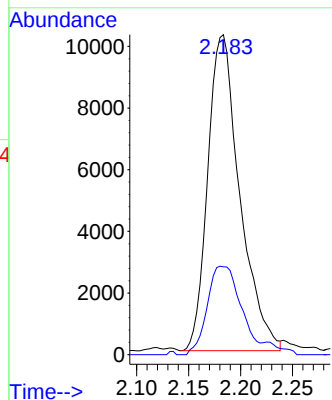
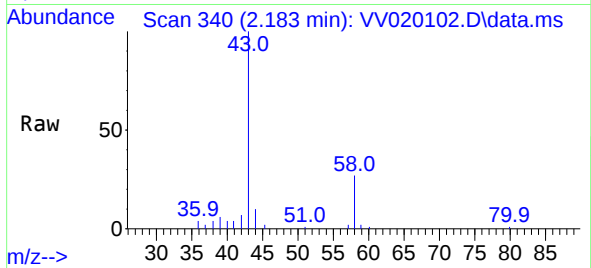




#13
Acetone
Concen: 13.19 ug/L
RT: 2.183 min Scan# 340
Delta R.T. -0.003 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

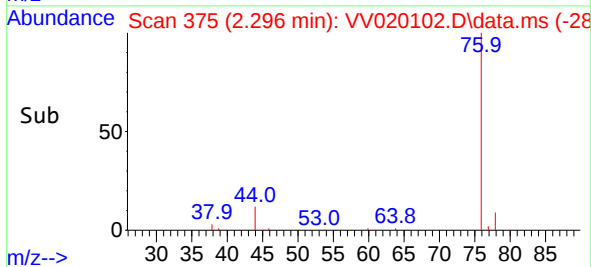
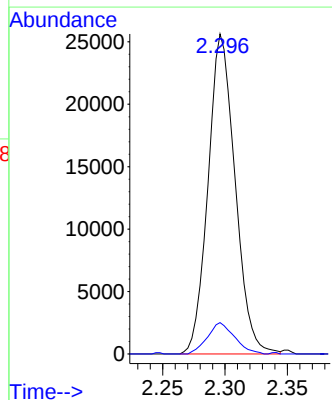
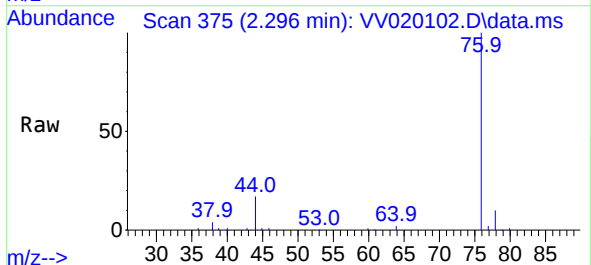
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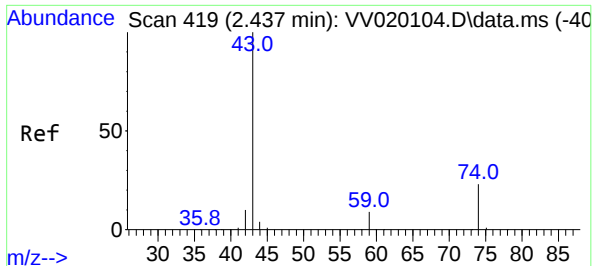
Tgt Ion: 43 Resp: 21984
Ion Ratio Lower Upper
43 100
58 29.1 0.0 60.2



#14
Carbon disulfide
Concen: 4.79 ug/L
RT: 2.296 min Scan# 375
Delta R.T. -0.000 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

Tgt Ion: 76 Resp: 38692
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8

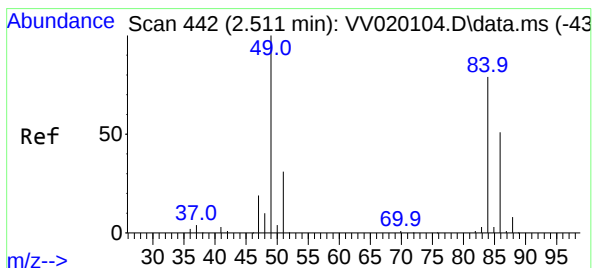
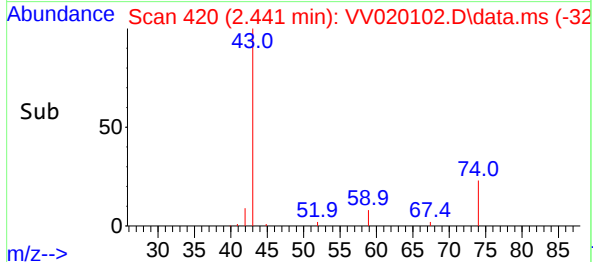
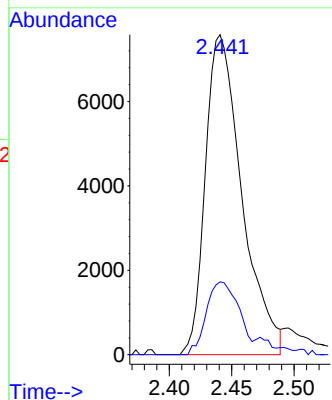
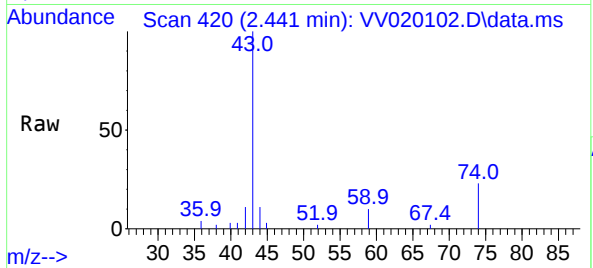




#15
Methyl Acetate
Concen: 5.37 ug/L
RT: 2.441 min Scan# 420
Delta R.T. 0.003 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

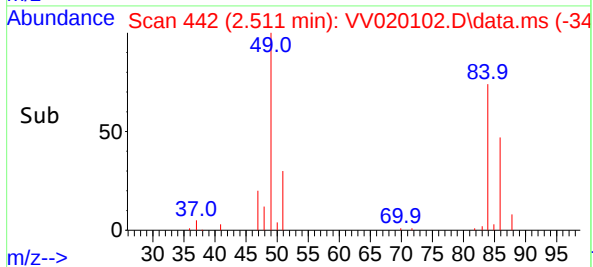
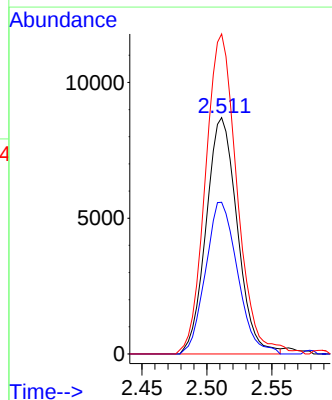
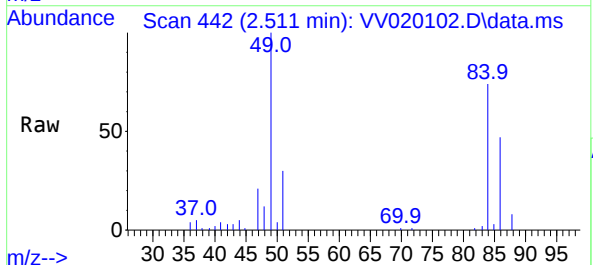
Instrument :
MSVOA_V
ClientSampleId :
VSTD00564

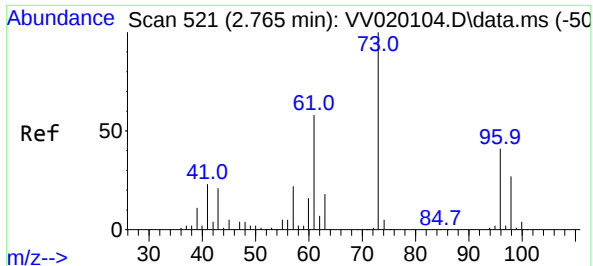
Tgt Ion: 43 Resp: 15486
Ion Ratio Lower Upper
43 100
74 20.3 17.6 26.4



#16
Methylene chloride
Concen: 4.71 ug/L
RT: 2.511 min Scan# 442
Delta R.T. -0.000 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

Tgt Ion: 84 Resp: 14511
Ion Ratio Lower Upper
84 100
86 64.2 44.6 82.8
49 135.4 94.6 175.8

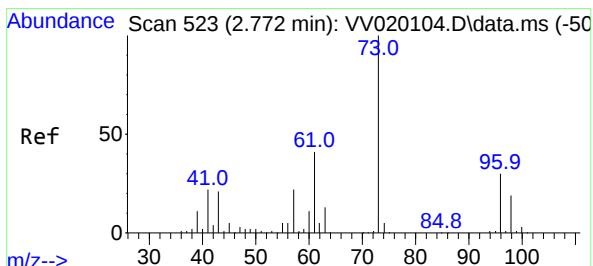
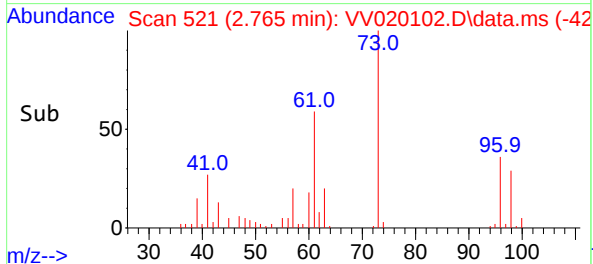
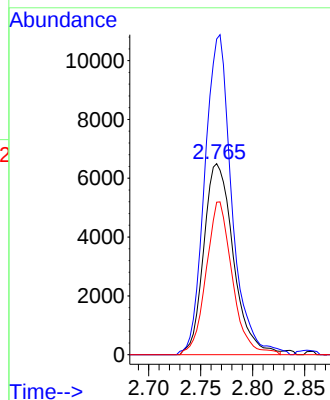
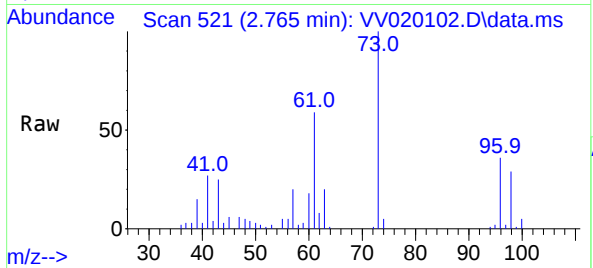




#17
trans-1,2-Dichloroethene
Concen: 4.36 ug/L
RT: 2.765 min Scan# 521
Delta R.T. -0.000 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

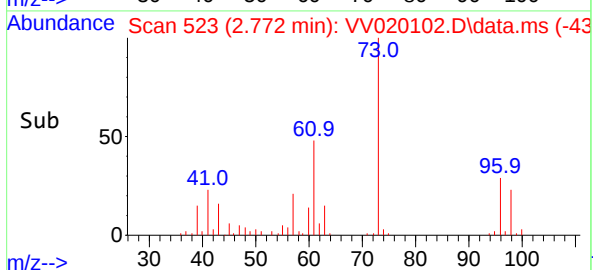
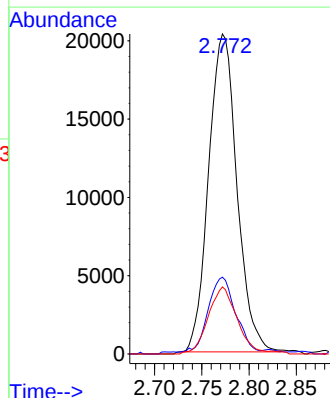
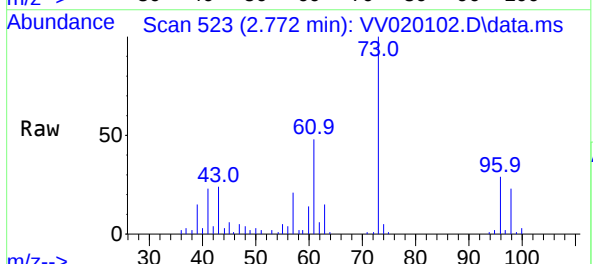
Instrument :
MSVOA_V
ClientSampleId :
VSTD00564

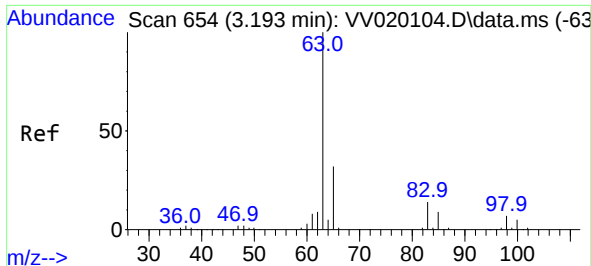
Tgt Ion: 96 Resp: 12904
Ion Ratio Lower Upper
96 100
61 165.2 103.1 191.5
98 79.9 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 4.51 ug/L
RT: 2.772 min Scan# 523
Delta R.T. -0.000 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

Tgt Ion: 73 Resp: 42358
Ion Ratio Lower Upper
73 100
43 23.4 17.3 25.9
57 21.3 17.9 26.9

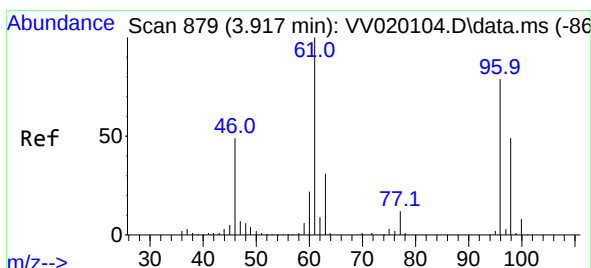
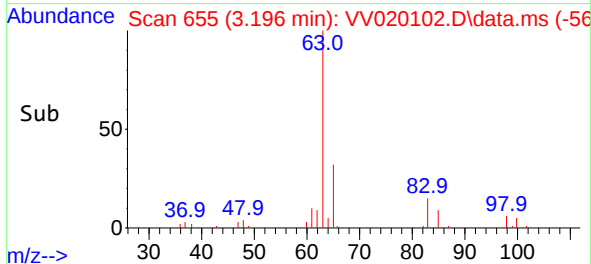
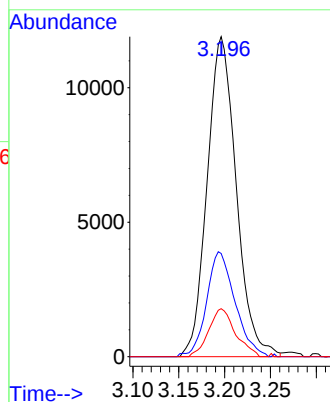
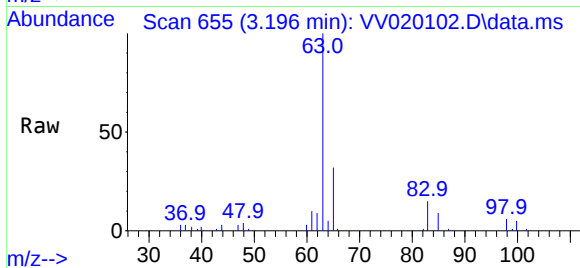




#19
1,1-Dichloroethane
Concen: 4.96 ug/L
RT: 3.196 min Scan# 655
Delta R.T. 0.003 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

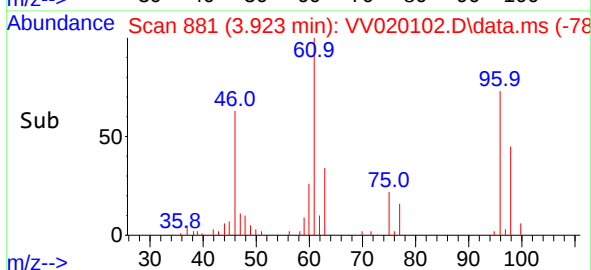
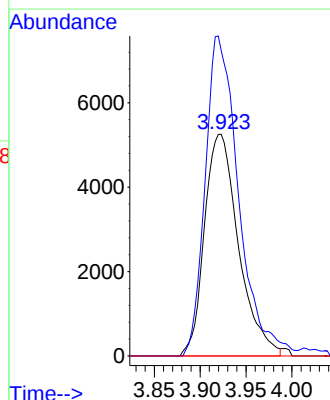
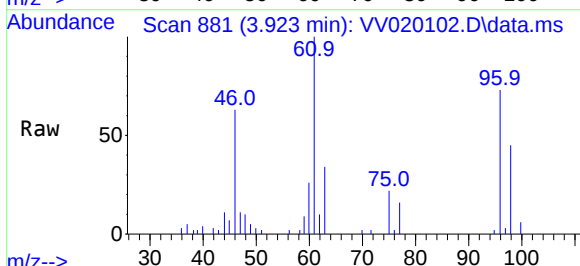
Instrument :
MSVOA_V
ClientSampleId :
VSTD00564

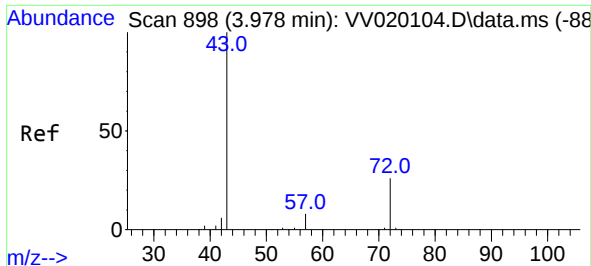
Tgt Ion:	63	Resp:	26262
Ion	Ratio	Lower	Upper
63	100		
65	32.2	21.9	40.7
83	15.0	9.5	17.7



#20
cis-1,2-Dichloroethene
Concen: 4.29 ug/L
RT: 3.923 min Scan# 881
Delta R.T. 0.006 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

Tgt Ion:	96	Resp:	13583
Ion	Ratio	Lower	Upper
96	100		
61	137.8	96.9	179.9
68	0.0	0.0	0.0

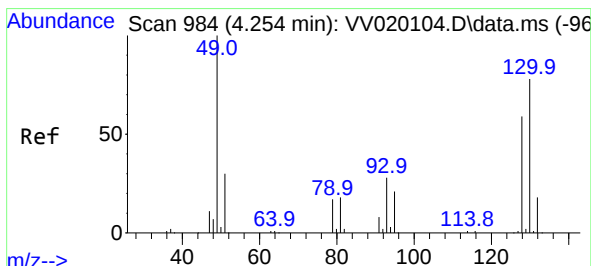
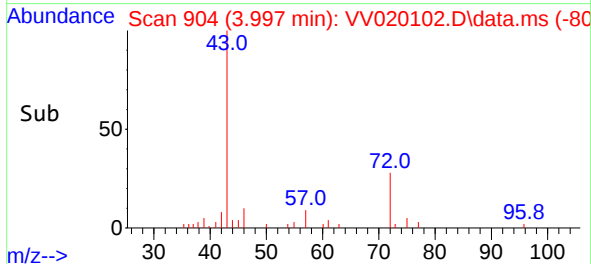
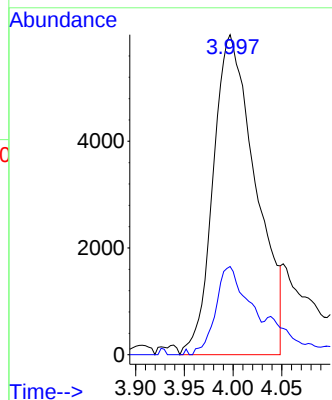
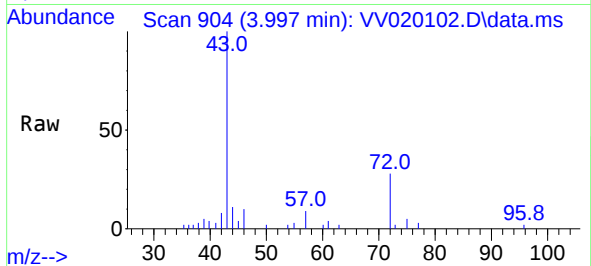




#22
2-Butanone
Concen: 8.50 ug/L
RT: 3.997 min Scan# 904
Delta R.T. 0.019 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

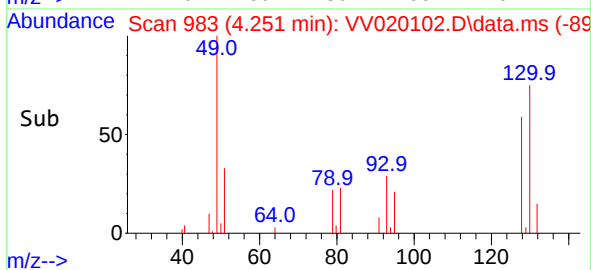
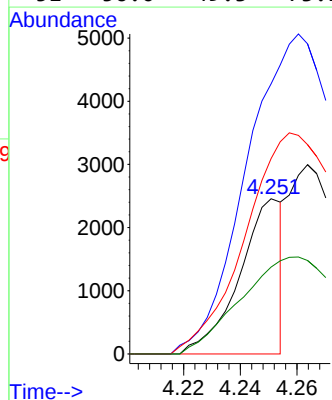
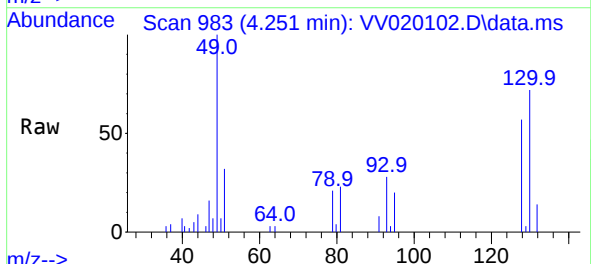
Instrument :
MSVOA_V
ClientSampleId :
VSTD00564

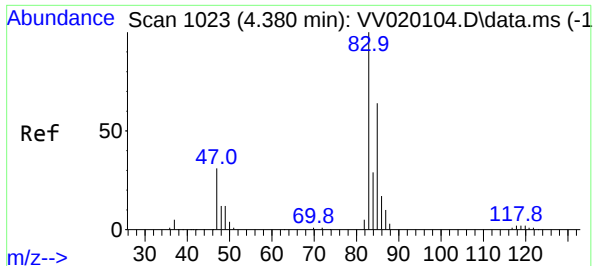
Tgt Ion: 43 Resp: 18223
Ion Ratio Lower Upper
43 100
72 21.0 12.2 36.6



#23
Bromochloromethane
Concen: 1.46 ug/L
RT: 4.251 min Scan# 983
Delta R.T. -0.003 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

Tgt Ion:128 Resp: 2571
Ion Ratio Lower Upper
128 100
49 174.0 133.1 247.1
130 125.8 89.0 165.4
51 56.0 49.3 73.9



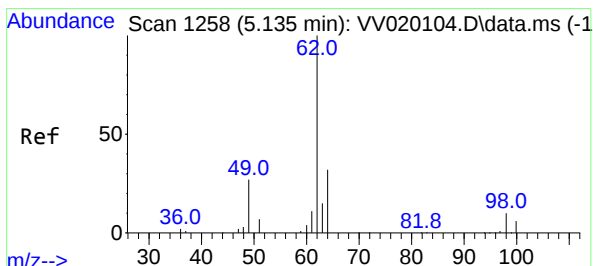
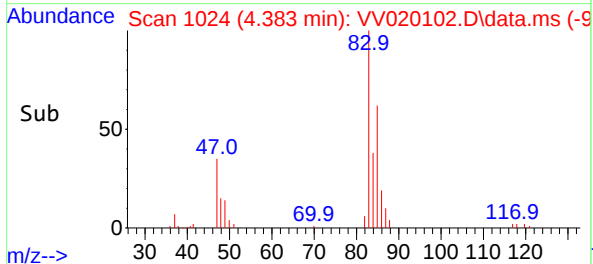
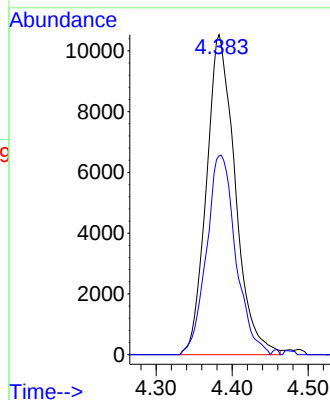
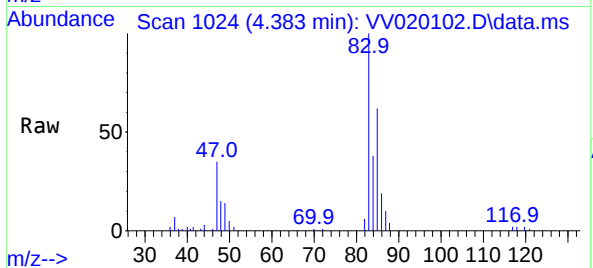


#25

Chloroform
Concen: 4.79 ug/L
RT: 4.383 min Scan# 1024
Delta R.T. 0.003 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

Instrument :
MSVOA_V
ClientSampled :
VSTD00564

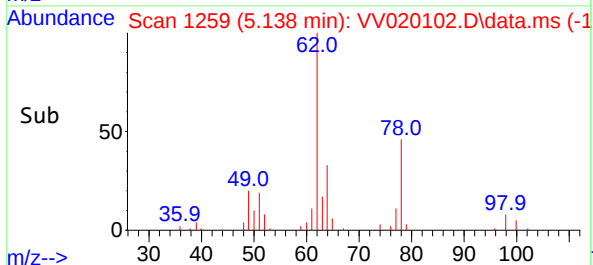
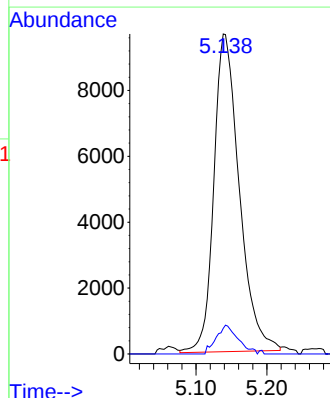
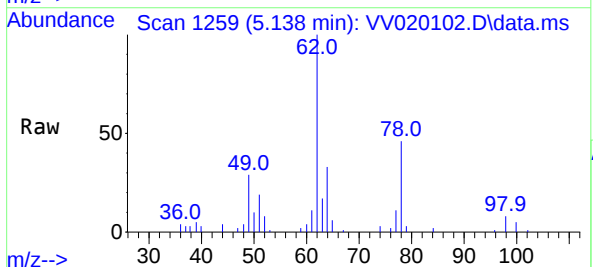
Tgt Ion: 83 Resp: 27622
Ion Ratio Lower Upper
83 100
85 62.1 44.2 82.2

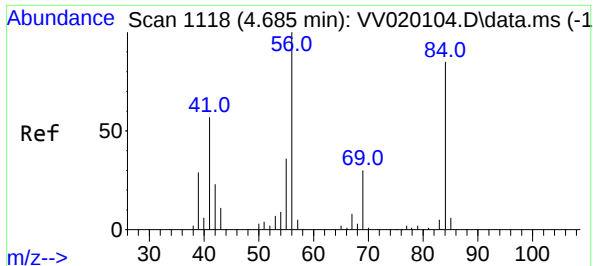


#27

1,2-Dichloroethane
Concen: 5.04 ug/L
RT: 5.138 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

Tgt Ion: 62 Resp: 24041
Ion Ratio Lower Upper
62 100
98 8.0 6.9 10.3





#29

Cyclohexane

Concen: 4.54 ug/L

RT: 4.682 min Scan# 1117

Delta R.T. -0.003 min

Lab File: VV020102.D

Acq: 21 Jan 2021 11:43

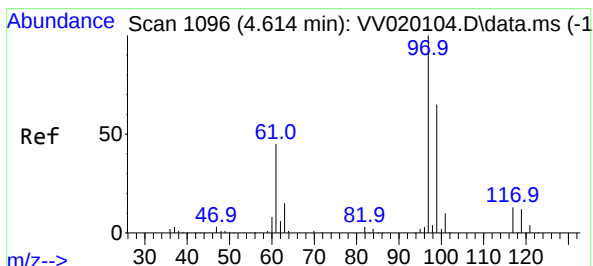
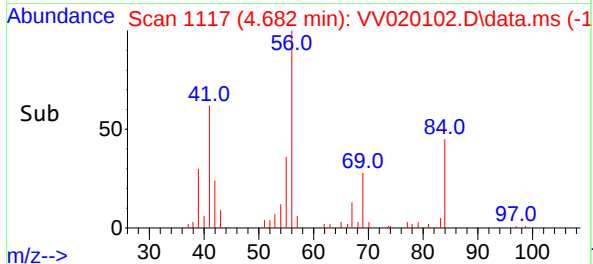
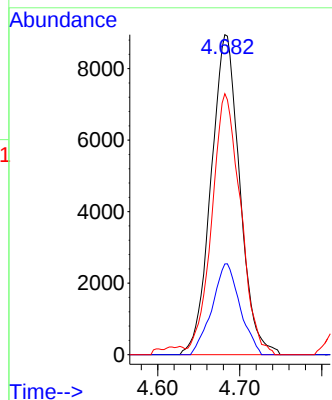
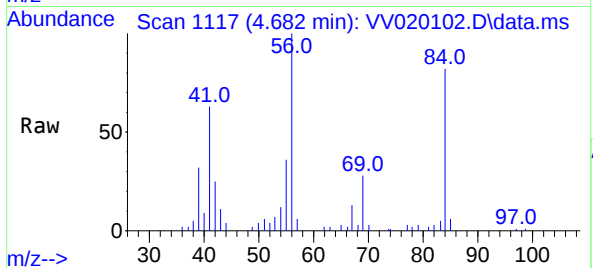
Tgt Ion: 56 Resp: 21818

Ion Ratio Lower Upper

56 100

69 27.5 24.2 36.2

84 78.0 66.3 99.5



#30

1,1,1-Trichloroethane

Concen: 3.96 ug/L

RT: 4.614 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VV020102.D

Acq: 21 Jan 2021 11:43

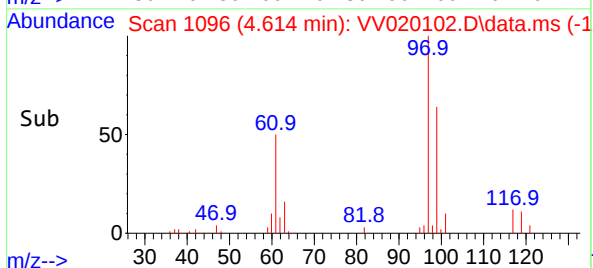
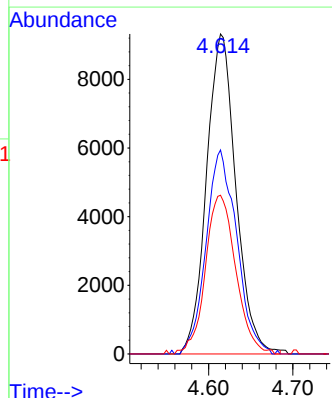
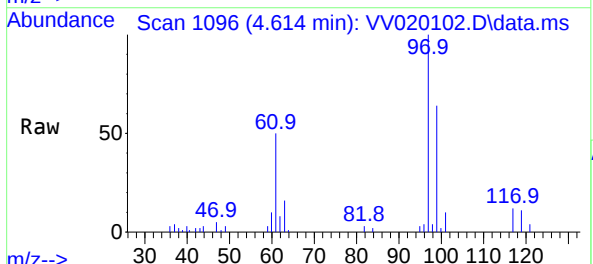
Tgt Ion: 97 Resp: 22599

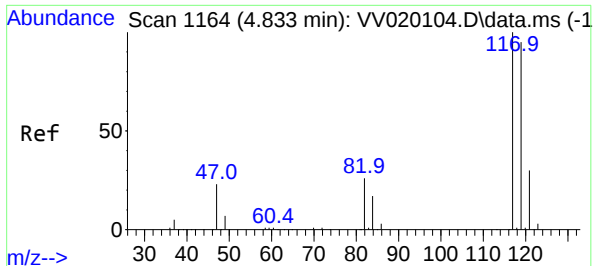
Ion Ratio Lower Upper

97 100

99 66.4 51.2 76.8

61 49.4 38.5 57.7

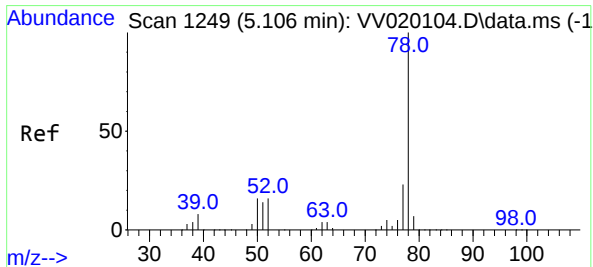
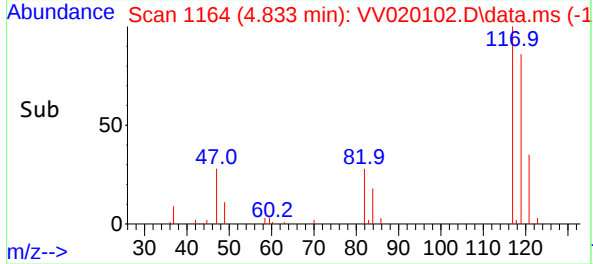
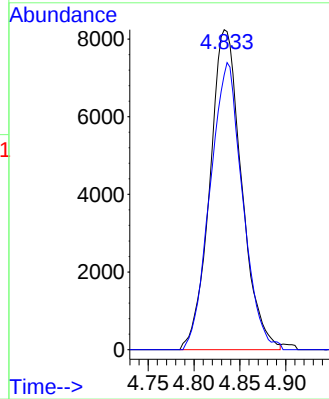
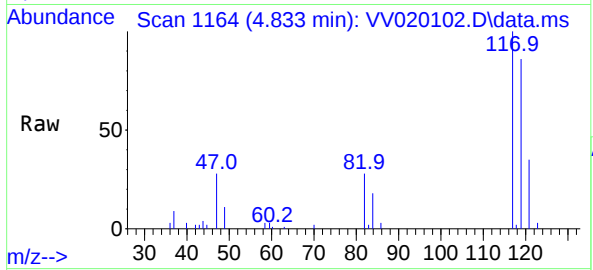




#31
Carbon tetrachloride
Concen: 3.94 ug/L
RT: 4.833 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

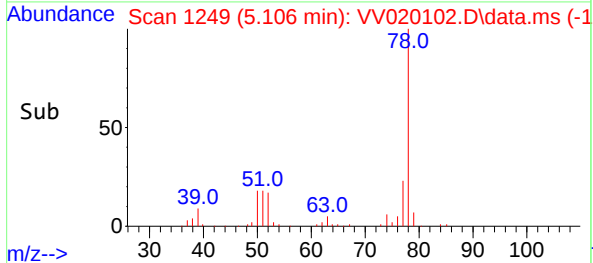
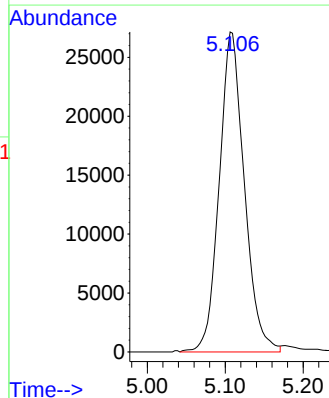
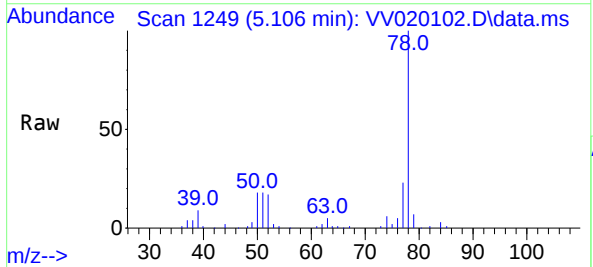
Instrument :
MSVOA_V
ClientSampleId :
VSTD00564

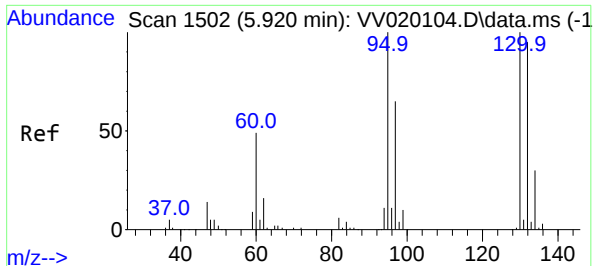
Tgt Ion:117 Resp: 19829
Ion Ratio Lower Upper
117 100
119 91.2 76.3 114.5



#33
Benzene
Concen: 4.84 ug/L
RT: 5.106 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

Tgt Ion: 78 Resp: 60793



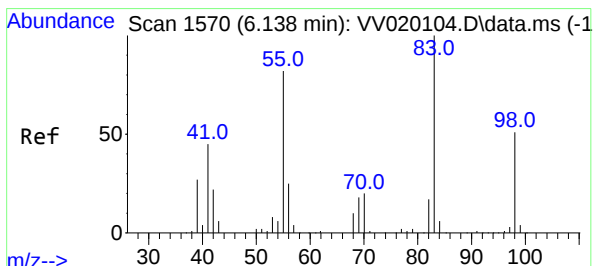
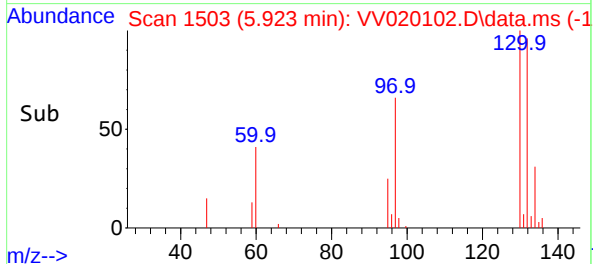
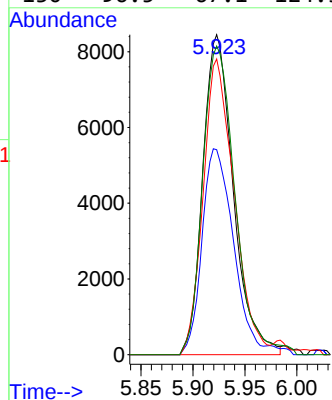
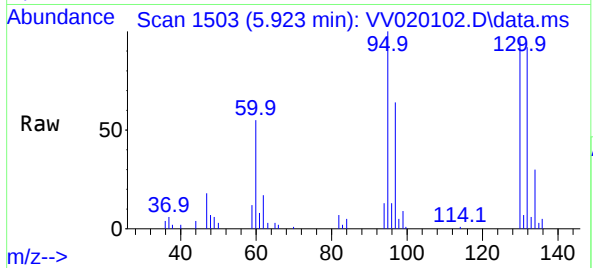


#34
Trichloroethene
Concen: 4.64 ug/L
RT: 5.923 min Scan# 1503
Delta R.T. 0.003 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

Instrument :
MSVOA_V
ClientSampleId :
VSTD00564

Tgt Ion: 95 Resp: 17260

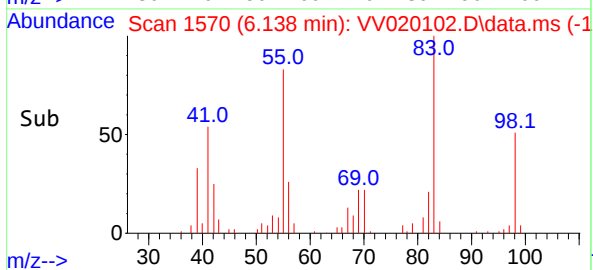
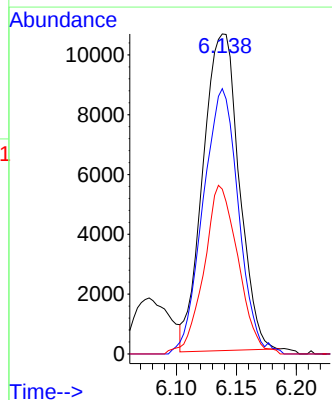
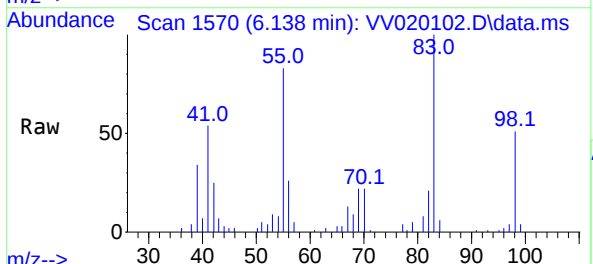
Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.5	82.7
132	92.4	63.4	117.8
130	96.5	67.1	124.5

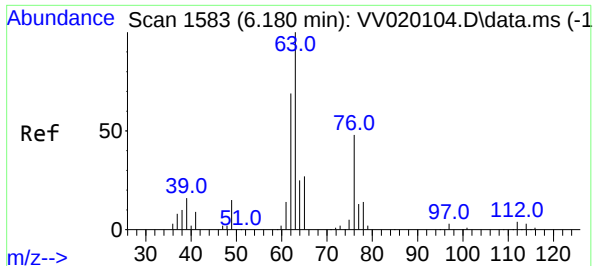


#35
Methylcyclohexane
Concen: 4.25 ug/L
RT: 6.138 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

Tgt Ion: 83 Resp: 22271

Ion	Ratio	Lower	Upper
83	100		
55	81.5	65.1	97.7
98	50.2	38.2	57.2



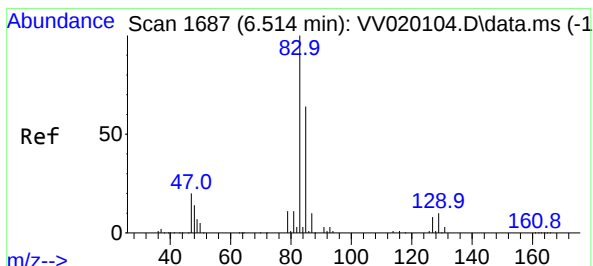
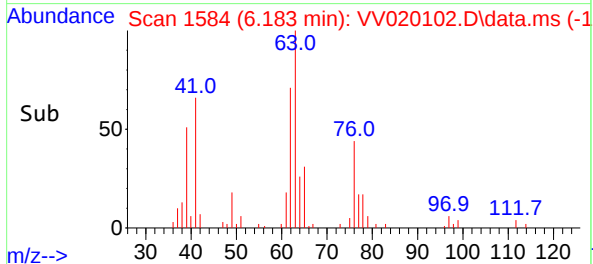
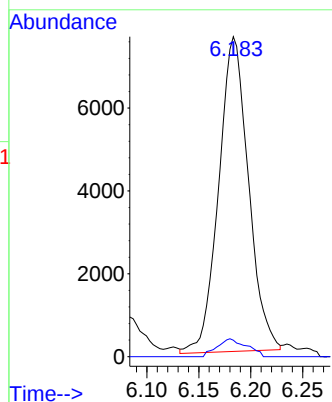
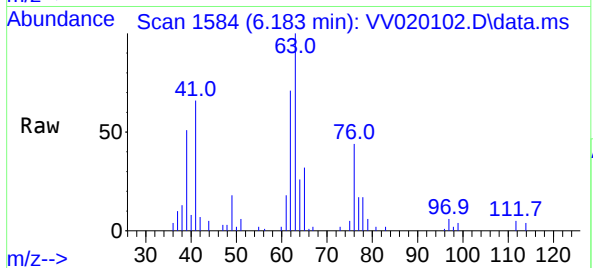


#37

1,2-Dichloropropane
Concen: 4.86 ug/L
RT: 6.183 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

Instrument :
MSVOA_V
ClientSampled :
VSTD00564

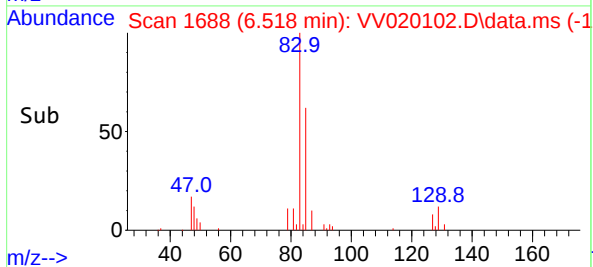
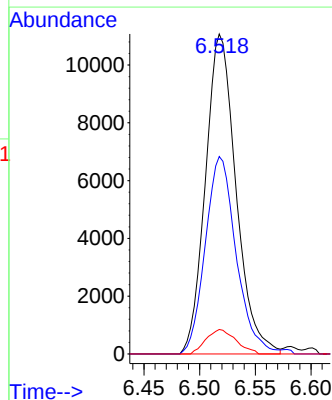
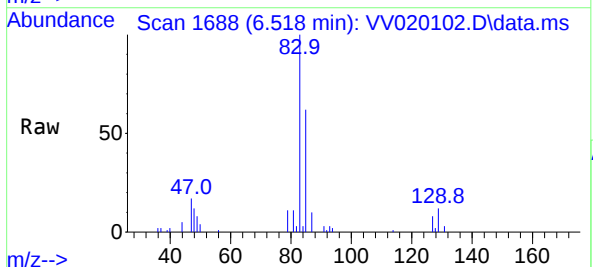
Tgt Ion: 63 Resp: 15153
Ion Ratio Lower Upper
63 100
112 5.6 3.3 4.9#

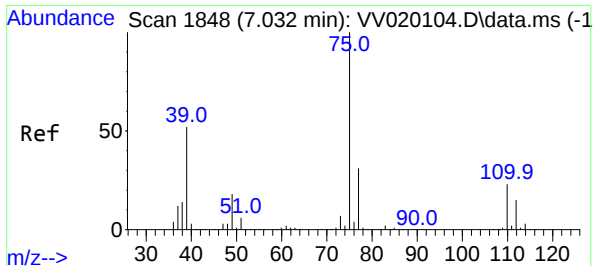


#38

Bromodichloromethane
Concen: 4.63 ug/L
RT: 6.518 min Scan# 1688
Delta R.T. 0.003 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

Tgt Ion: 83 Resp: 21131
Ion Ratio Lower Upper
83 100
85 61.7 44.5 82.7
127 7.7 6.3 9.5

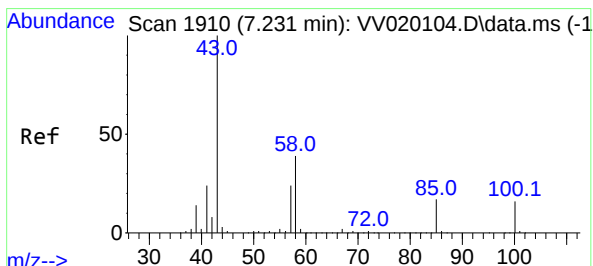
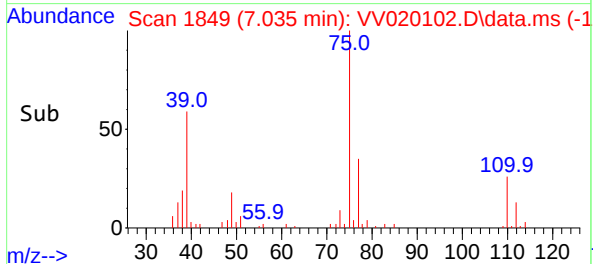
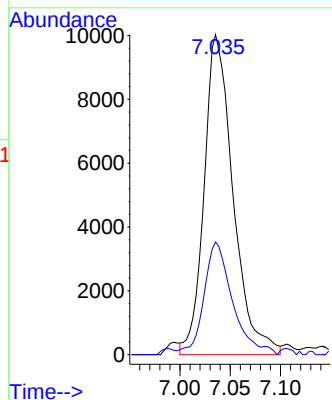
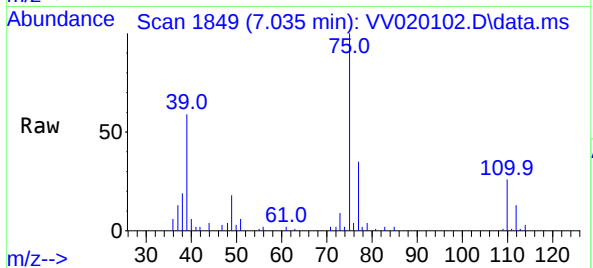




#39
cis-1,3-Dichloropropene
Concen: 3.92 ug/L
RT: 7.035 min Scan# 1849
Delta R.T. 0.003 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

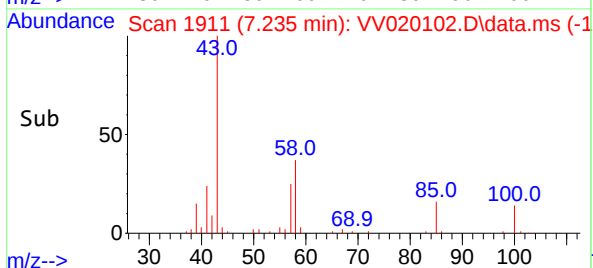
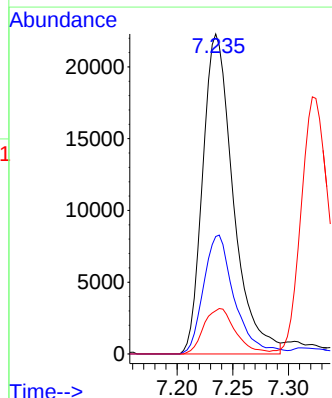
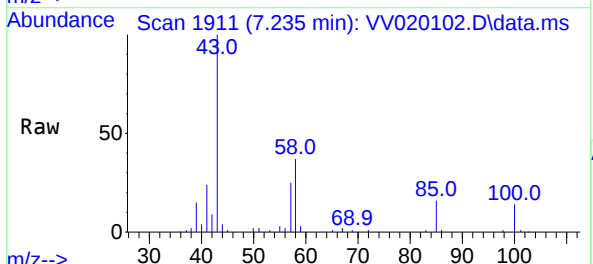
Instrument :
MSVOA_V
ClientSampleId :
VSTD00564

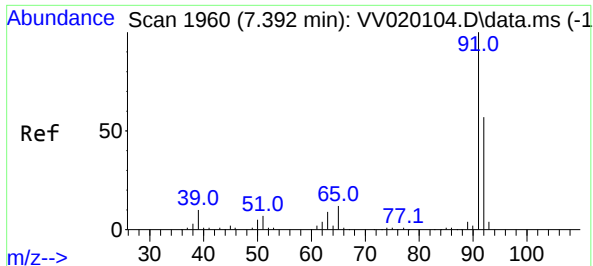
Tgt Ion: 75 Resp: 20104
Ion Ratio Lower Upper
75 100
77 35.3 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 9.76 ug/L
RT: 7.235 min Scan# 1911
Delta R.T. 0.003 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

Tgt Ion: 43 Resp: 42513
Ion Ratio Lower Upper
43 100
58 36.7 30.7 46.1
100 14.8 11.6 17.4

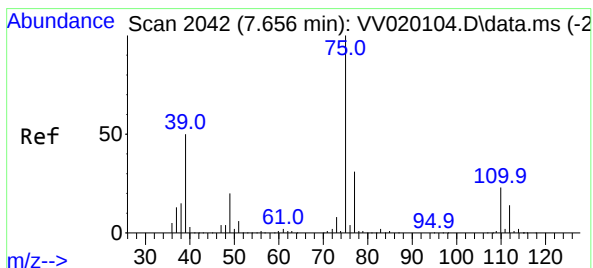
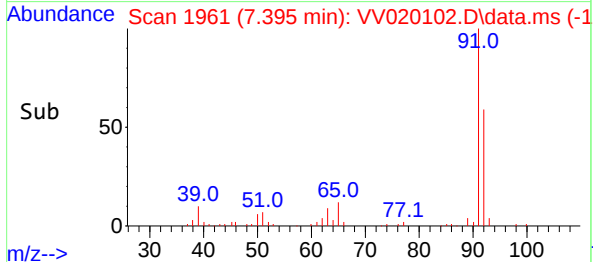
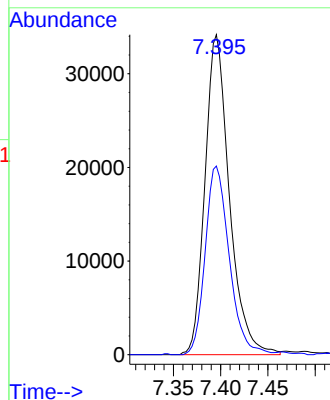
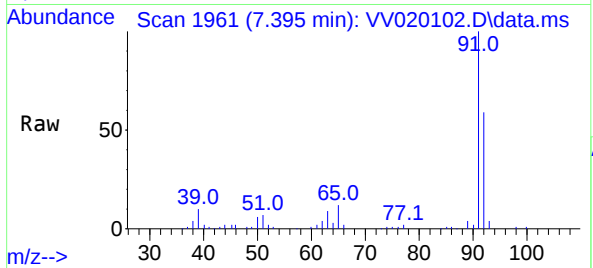




#42
Toluene
Concen: 4.52 ug/L
RT: 7.395 min Scan# 1961
Delta R.T. 0.003 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

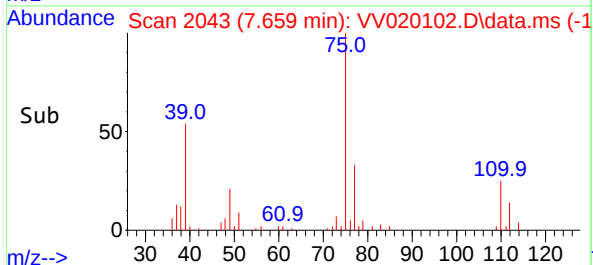
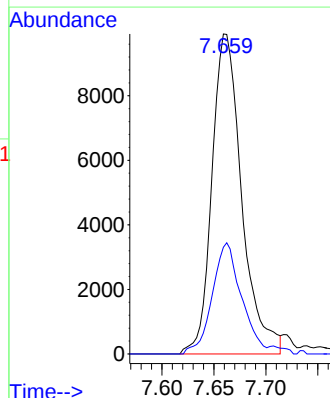
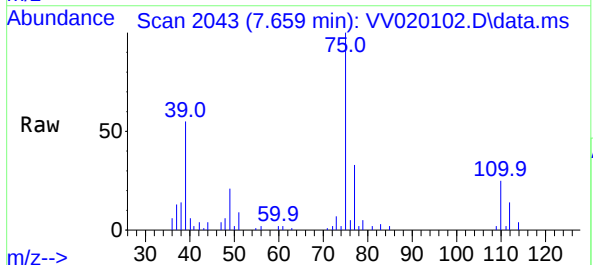
Instrument :
MSVOA_V
ClientSampleId :
VSTD00564

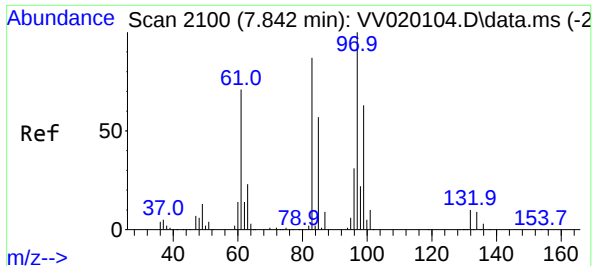
Tgt Ion: 91 Resp: 61317
Ion Ratio Lower Upper
91 100
92 58.9 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 4.01 ug/L
RT: 7.659 min Scan# 2043
Delta R.T. 0.003 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

Tgt Ion: 75 Resp: 19792
Ion Ratio Lower Upper
75 100
77 33.3 22.0 41.0



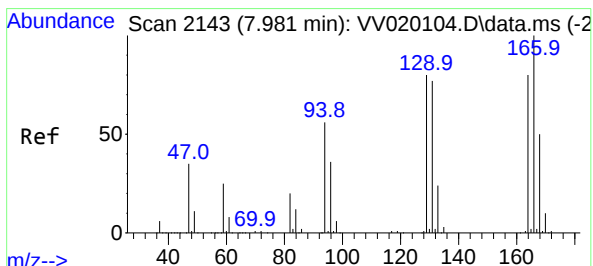
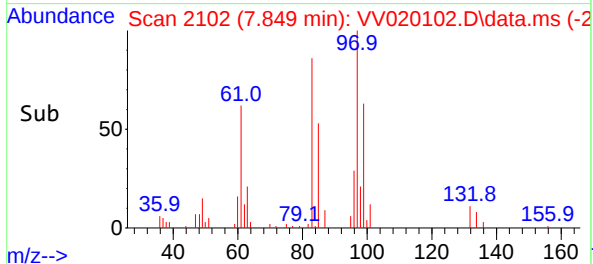
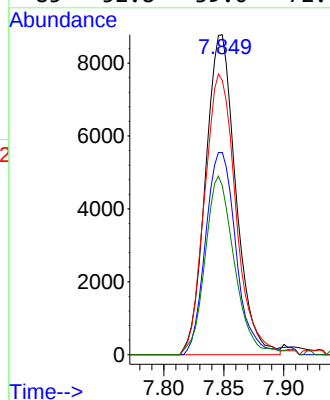
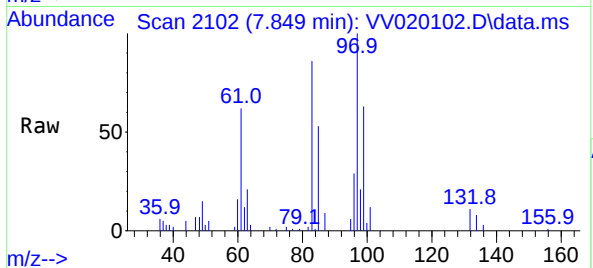


#45
1,1,2-Trichloroethane
Concen: 4.84 ug/L
RT: 7.849 min Scan# 2102
Delta R.T. 0.006 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

Instrument :
MSVOA_V
ClientSampleId :
VSTD00564

Tgt Ion: 97 Resp: 15428

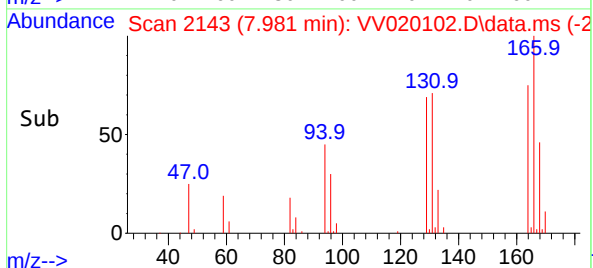
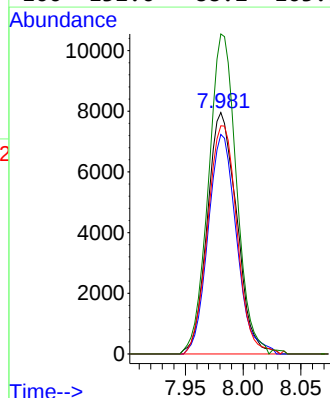
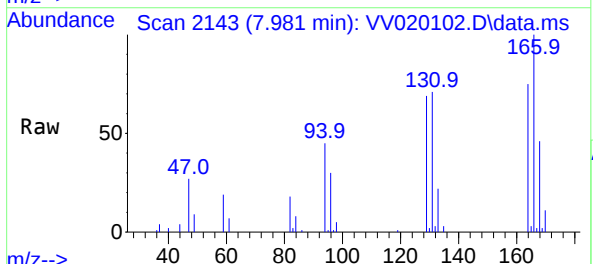
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.8	81.3
83	85.7	62.2	115.4
85	52.8	39.0	72.4

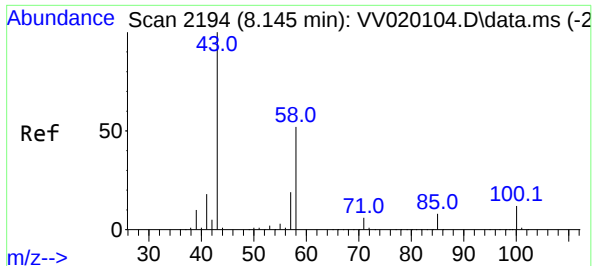


#46
Tetrachloroethene
Concen: 5.04 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. -0.000 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

Tgt Ion: 164 Resp: 14067

Ion	Ratio	Lower	Upper
164	100		
129	90.9	70.6	131.0
131	94.5	66.8	124.0
166	132.6	88.2	163.8



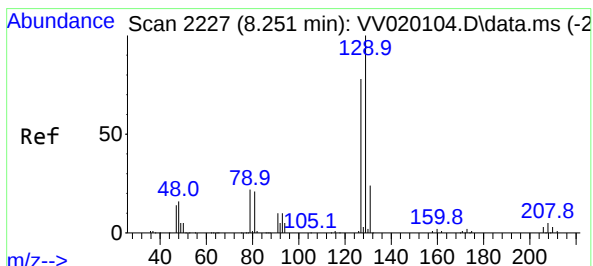
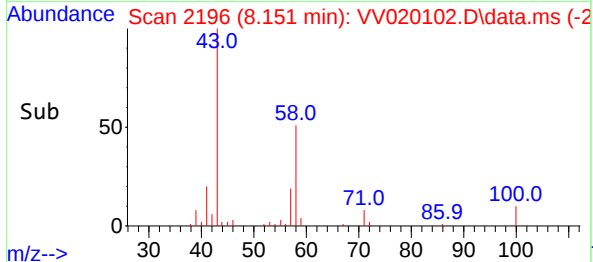
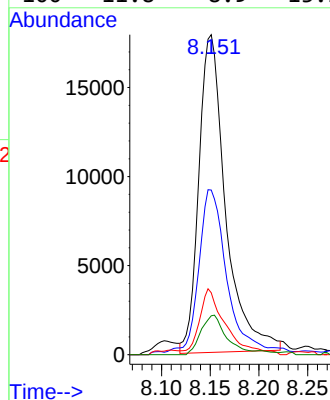
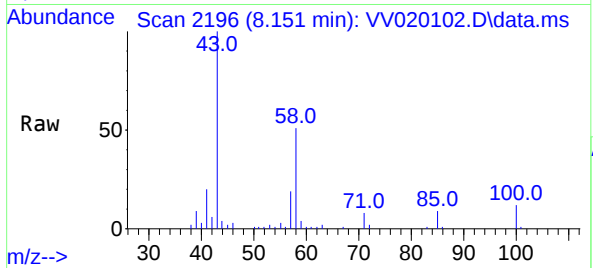


#48
2-Hexanone
Concen: 10.25 ug/L
RT: 8.151 min Scan# 2196
Delta R.T. 0.006 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

Instrument :
MSVOA_V
ClientSampleId :
VSTD00564

Tgt Ion: 43 Resp: 34203

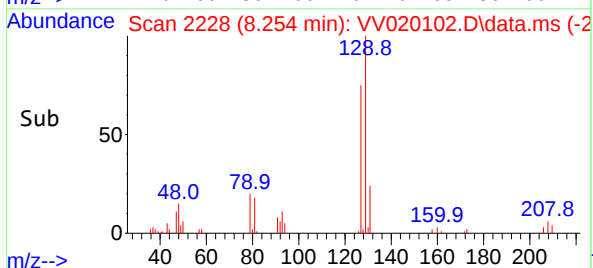
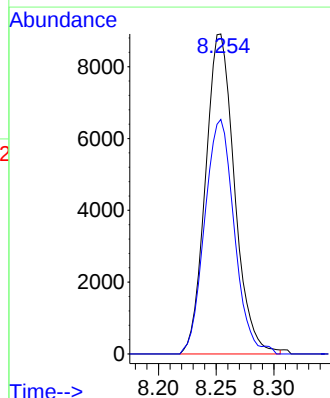
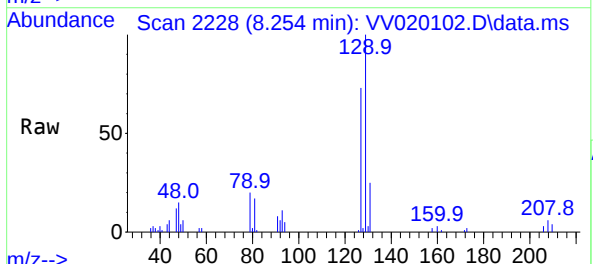
Ion	Ratio	Lower	Upper
43	100		
58	52.7	41.8	62.6
57	17.7	15.0	22.4
100	11.8	8.9	13.3

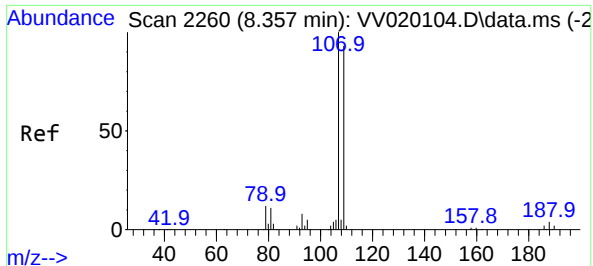


#49
Dibromochloromethane
Concen: 4.25 ug/L
RT: 8.254 min Scan# 2228
Delta R.T. 0.003 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

Tgt Ion: 129 Resp: 15562

Ion	Ratio	Lower	Upper
129	100		
127	73.3	55.2	102.6

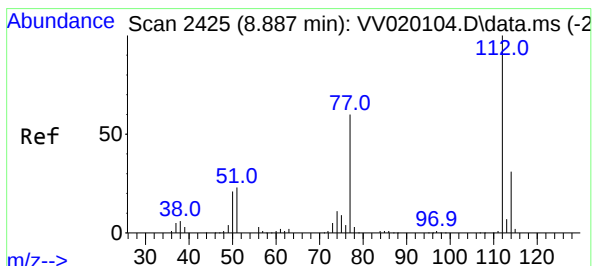
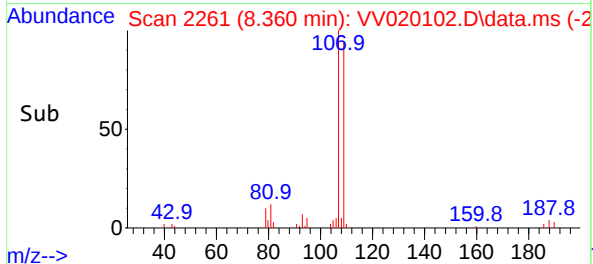
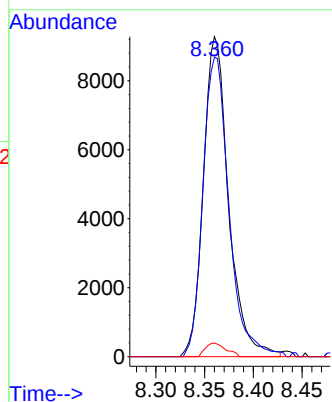
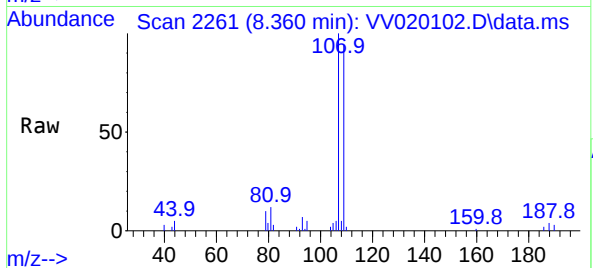




#50
1,2-Dibromoethane
Concen: 4.79 ug/L
RT: 8.360 min Scan# 2261
Delta R.T. 0.003 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

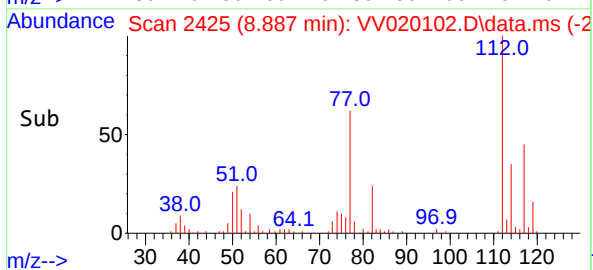
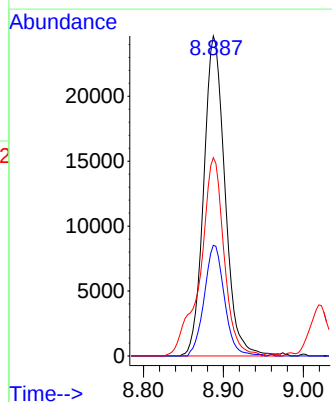
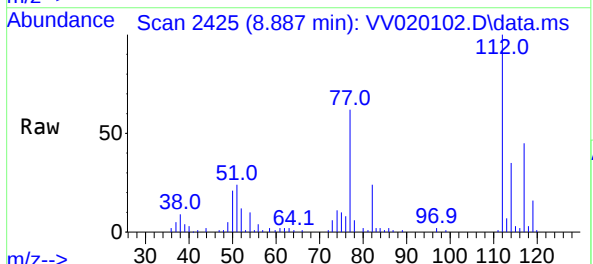
Instrument :
MSVOA_V
ClientSampleId :
VSTD00564

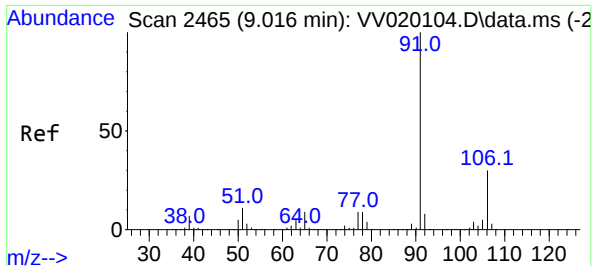
Tgt Ion:107 Resp: 16687
Ion Ratio Lower Upper
107 100
109 93.6 66.2 123.0
188 4.3 2.6 3.8#



#51
Chlorobenzene
Concen: 5.05 ug/L
RT: 8.887 min Scan# 2425
Delta R.T. -0.000 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

Tgt Ion:112 Resp: 45501
Ion Ratio Lower Upper
112 100
114 34.6 22.2 41.2
77 61.9 49.0 73.6

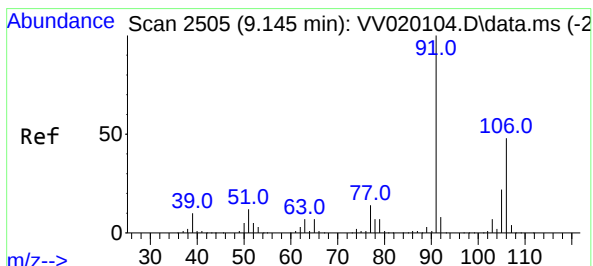
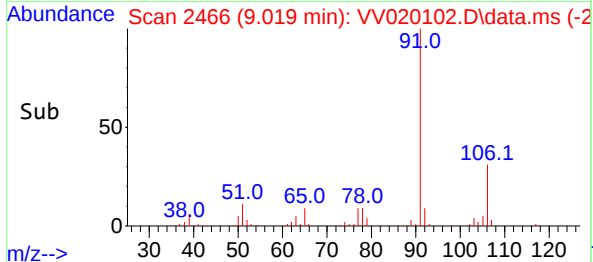
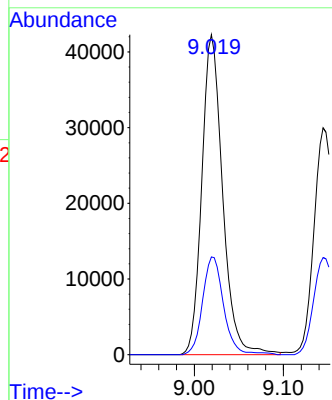
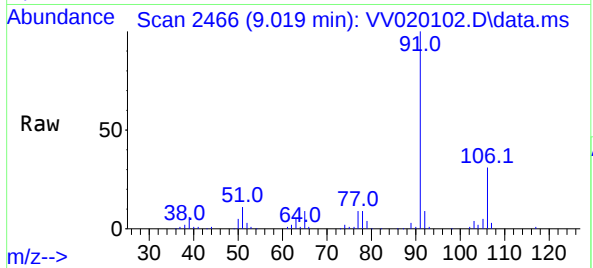




#52
Ethylbenzene
Concen: 4.52 ug/L
RT: 9.019 min Scan# 2466
Delta R.T. 0.003 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

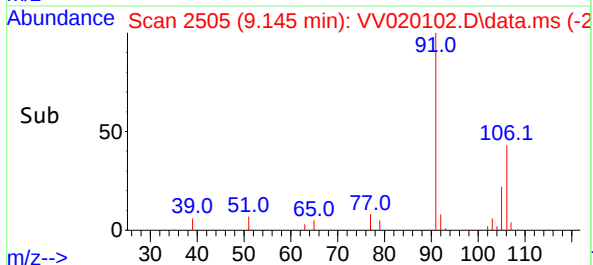
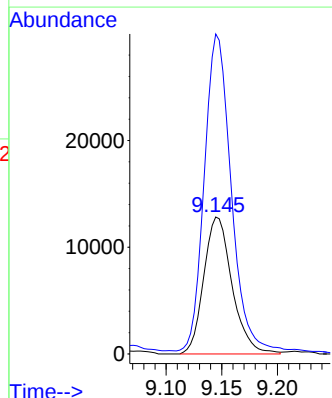
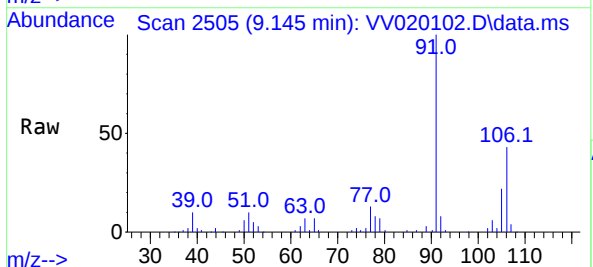
Instrument :
MSVOA_V
ClientSampled :
VSTD00564

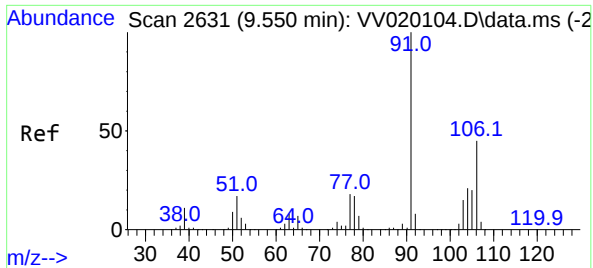
Tgt Ion: 91 Resp: 68541
Ion Ratio Lower Upper
91 100
106 30.5 21.0 39.0



#53
m,p-Xylene
Concen: 3.92 ug/L
RT: 9.145 min Scan# 2505
Delta R.T. -0.000 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

Tgt Ion: 106 Resp: 22678
Ion Ratio Lower Upper
106 100
91 233.7 148.1 275.0

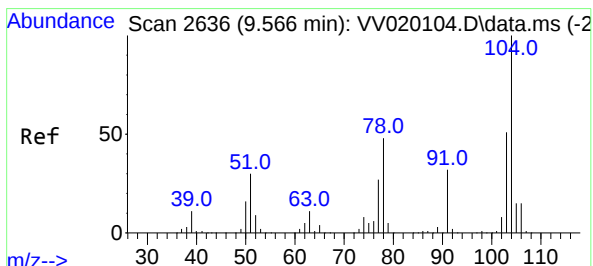
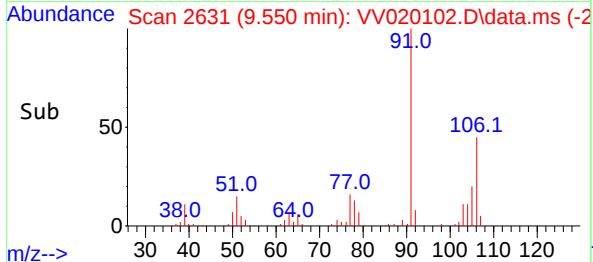
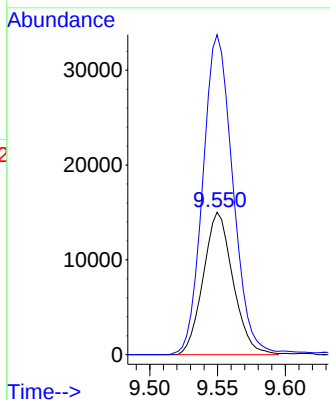
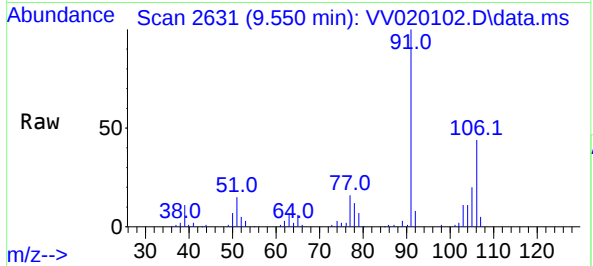




#54
o-xylene
Concen: 4.06 ug/L
RT: 9.550 min Scan# 2631
Delta R.T. -0.000 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

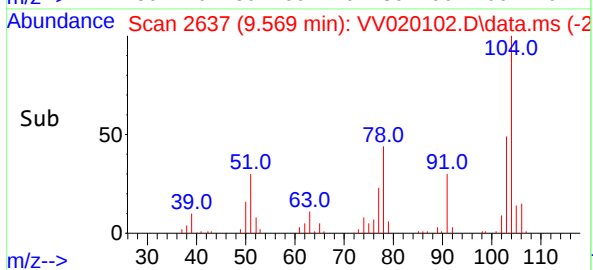
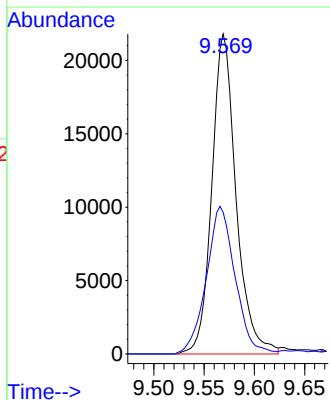
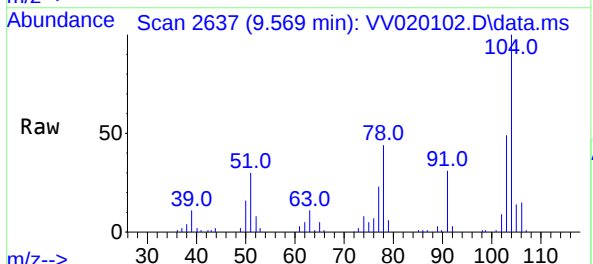
Instrument :
MSVOA_V
ClientSampleId :
VSTD00564

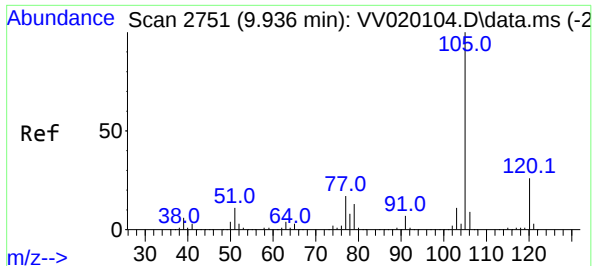
Tgt Ion:106 Resp: 22939
Ion Ratio Lower Upper
106 100
91 224.7 156.4 290.6



#55
Styrene
Concen: 3.76 ug/L
RT: 9.569 min Scan# 2637
Delta R.T. 0.003 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

Tgt Ion:104 Resp: 36639
Ion Ratio Lower Upper
104 100
78 44.3 33.7 62.5

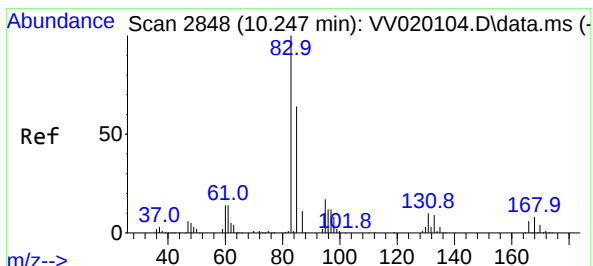
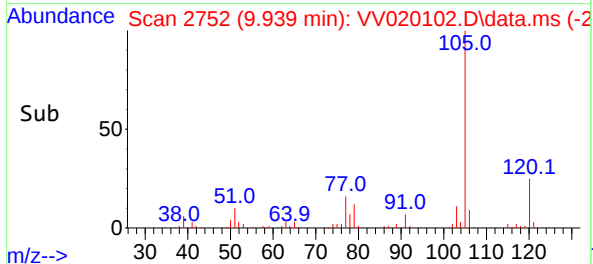
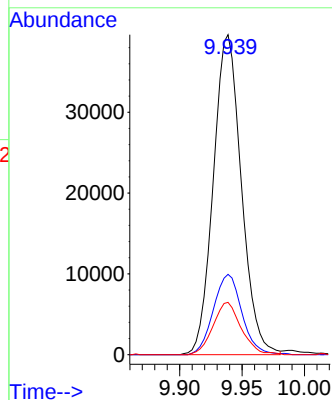
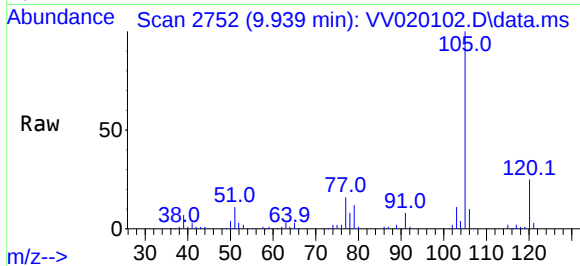




#56
Isopropylbenzene
Concen: 4.10 ug/L
RT: 9.939 min Scan# 2752
Delta R.T. 0.003 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

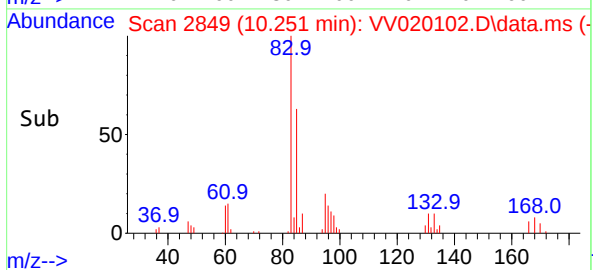
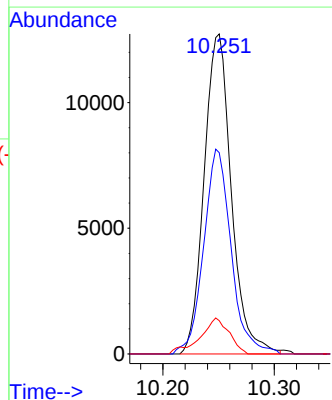
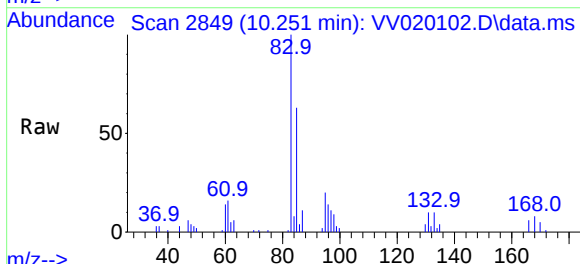
Instrument :
MSVOA_V
ClientSampleId :
VSTD00564

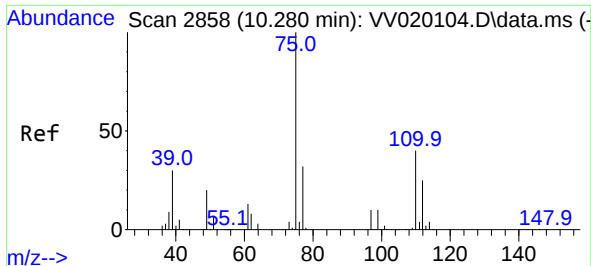
Tgt Ion:	105	Resp:	62080
Ion	Ratio	Lower	Upper
105	100		
120	25.5	20.5	30.7
77	16.3	13.6	20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 4.55 ug/L
RT: 10.251 min Scan# 2849
Delta R.T. 0.003 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

Tgt Ion:	83	Resp:	21623
Ion	Ratio	Lower	Upper
83	100		
85	62.9	44.3	82.3
131	10.4	7.3	10.9

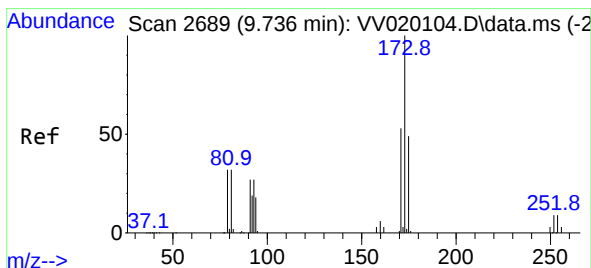
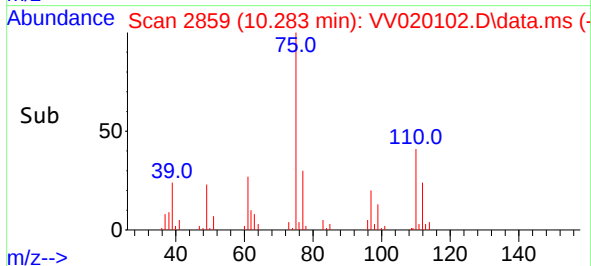
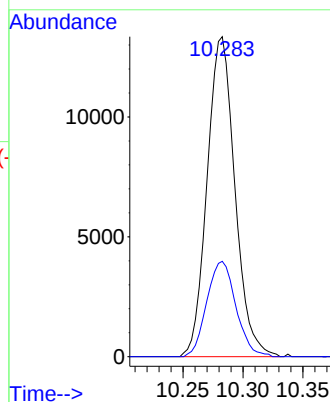
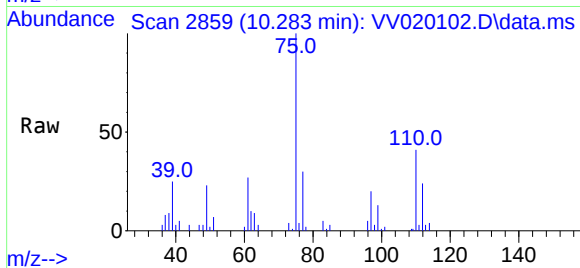




#59
1,2,3-Trichloropropane
Concen: 5.14 ug/L
RT: 10.283 min Scan# 2859
Delta R.T. 0.003 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

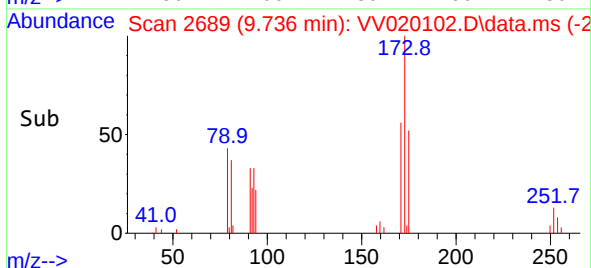
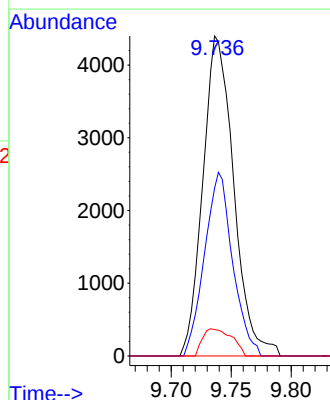
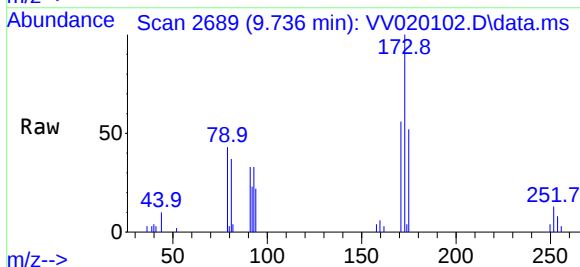
Instrument :
MSVOA_V
ClientSampleId :
VSTD00564

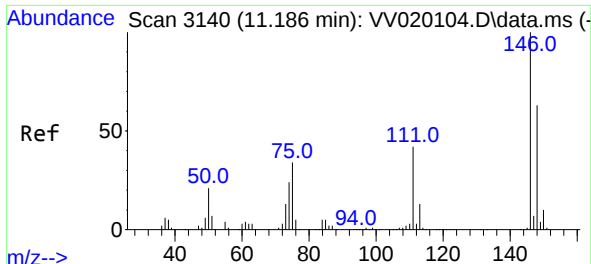
Tgt Ion: 75 Resp: 21529
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0



#61
Bromoform
Concen: 3.81 ug/L
RT: 9.736 min Scan# 2689
Delta R.T. -0.000 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

Tgt Ion:173 Resp: 7874
Ion Ratio Lower Upper
173 100
175 52.2 38.6 57.8
254 8.0 6.5 9.7

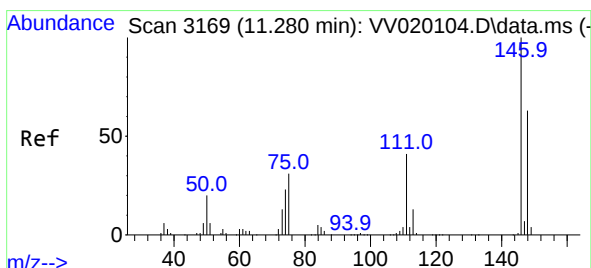
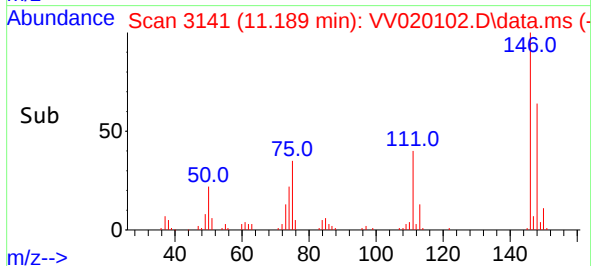
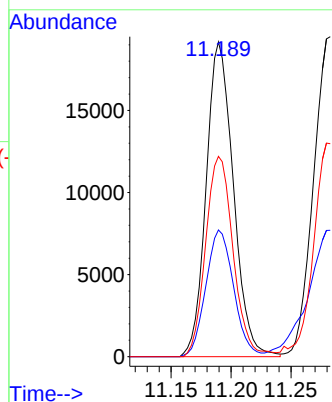
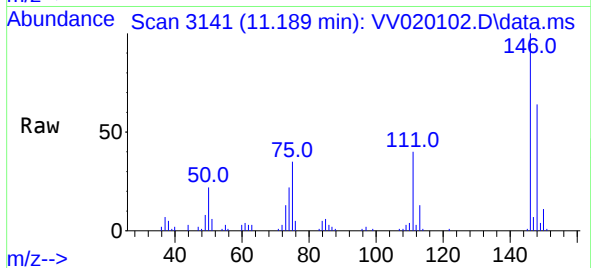




#62
1,3-Dichlorobenzene
Concen: 5.02 ug/L
RT: 11.189 min Scan# 3141
Delta R.T. 0.003 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

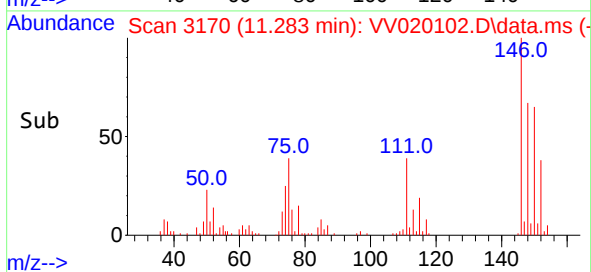
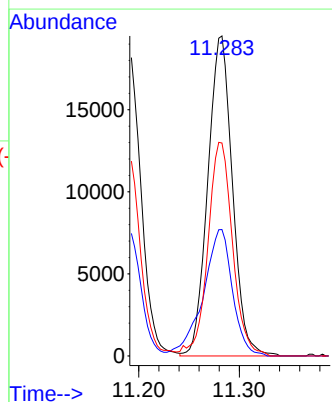
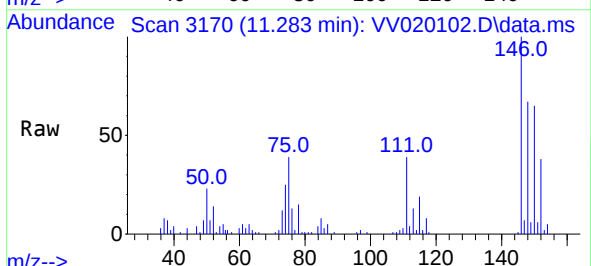
Instrument :
MSVOA_V
ClientSampleId :
VSTD00564

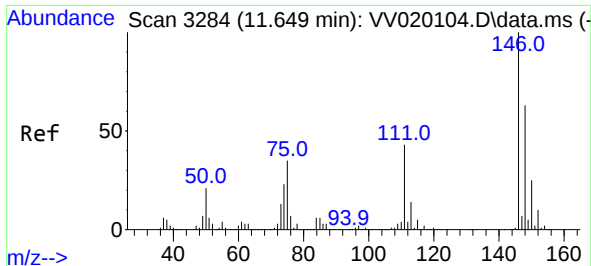
Tgt Ion:146 Resp: 30221
Ion Ratio Lower Upper
146 100
111 40.2 30.2 56.2
148 63.6 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 5.37 ug/L
RT: 11.283 min Scan# 3170
Delta R.T. 0.003 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

Tgt Ion:146 Resp: 33172
Ion Ratio Lower Upper
146 100
111 39.5 29.4 54.6
148 66.5 44.7 83.1

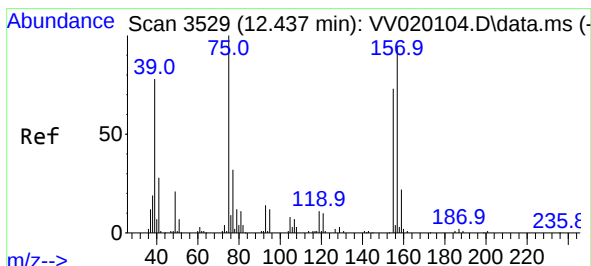
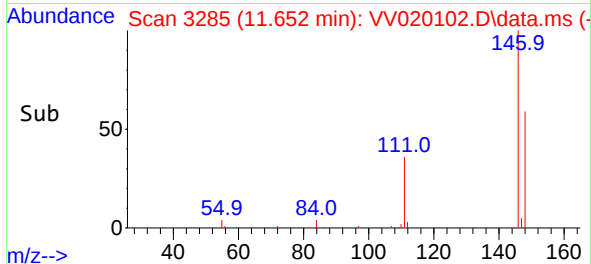
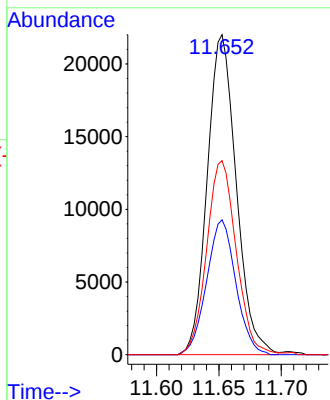
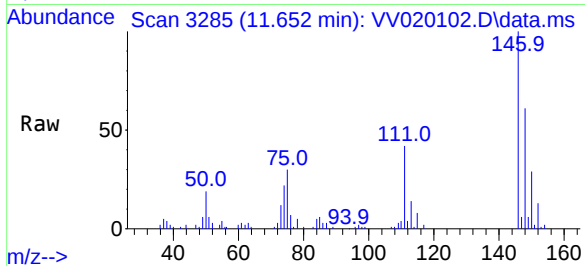




#65
1,2-Dichlorobenzene
Concen: 5.89 ug/L
RT: 11.652 min Scan# 3285
Delta R.T. 0.003 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

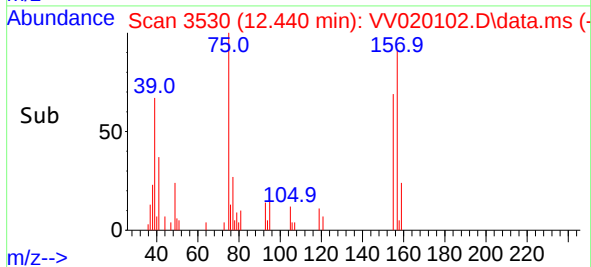
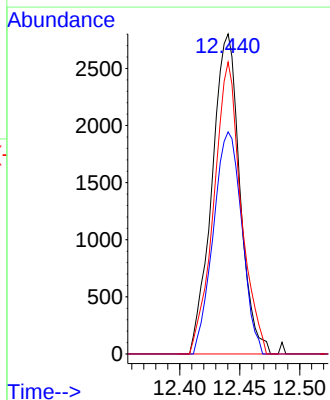
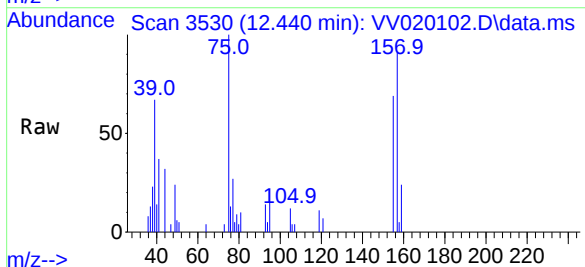
Instrument :
MSVOA_V
ClientSampleId :
VSTD00564

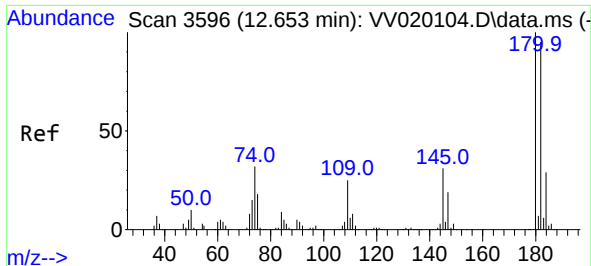
Tgt Ion:146 Resp: 35701
Ion Ratio Lower Upper
146 100
111 42.1 36.3 54.5
148 60.6 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 4.93 ug/L
RT: 12.440 min Scan# 3530
Delta R.T. 0.003 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

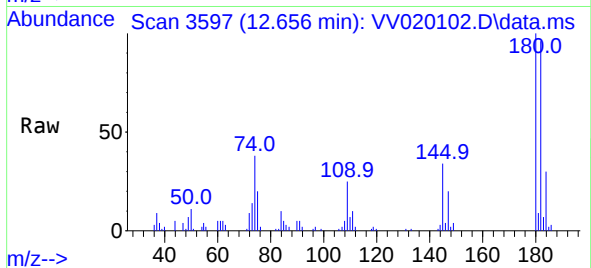
Tgt Ion: 75 Resp: 4533
Ion Ratio Lower Upper
75 100
155 69.4 59.1 88.7
157 91.2 75.4 113.0



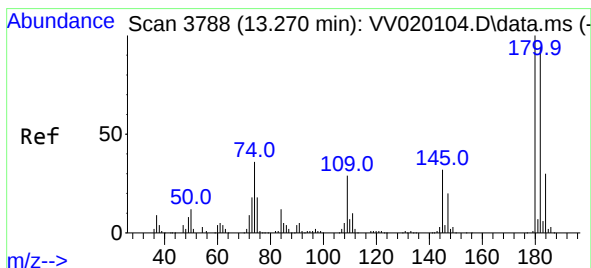
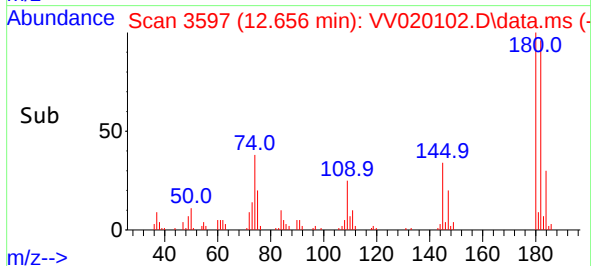
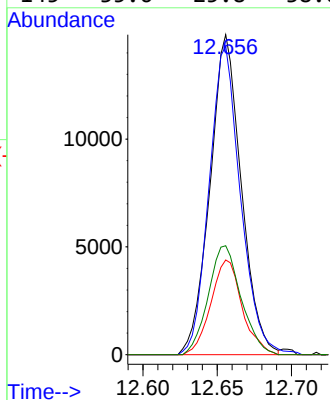


#67
1,3,5-Trichlorobenzene
Concen: 4.49 ug/L
RT: 12.656 min Scan# 3597
Delta R.T. 0.003 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

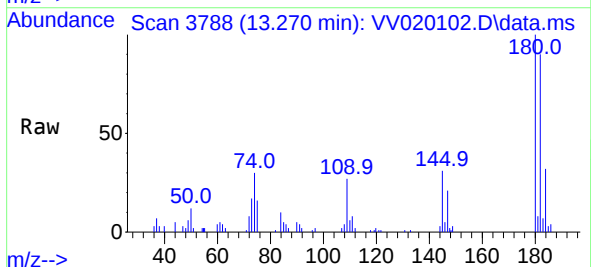
Instrument :
MSVOA_V
ClientSampleId :
VSTD00564



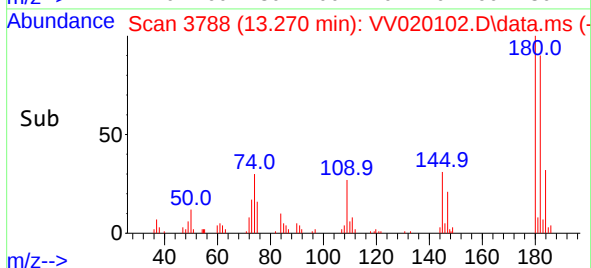
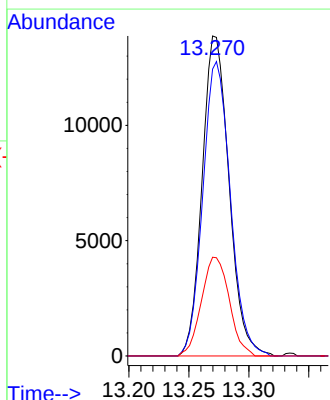
Tgt Ion:180 Resp: 21748
Ion Ratio Lower Upper
180 100
182 96.6 75.0 112.6
184 29.6 24.0 36.0
145 35.6 25.8 38.6

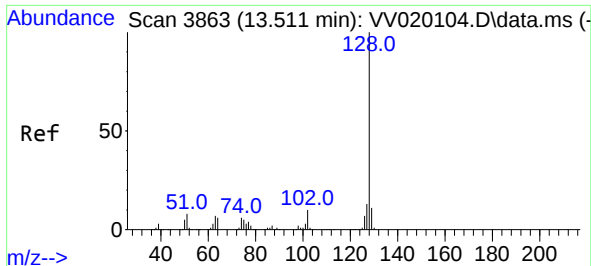


#68
1,2,4-trichlorobenzene
Concen: 5.14 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. -0.000 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43



Tgt Ion:180 Resp: 21644
Ion Ratio Lower Upper
180 100
182 94.2 75.1 112.7
145 32.0 26.8 40.2

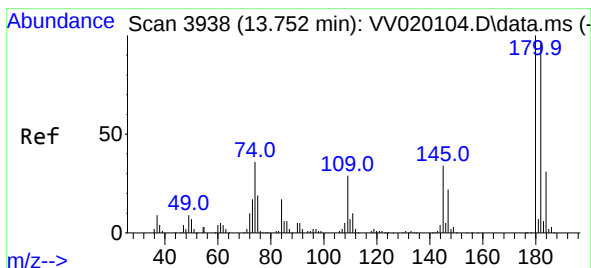
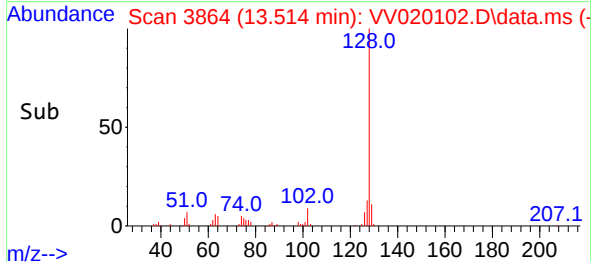
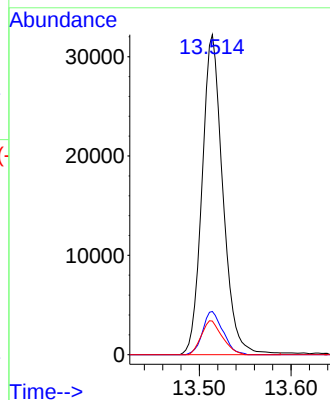
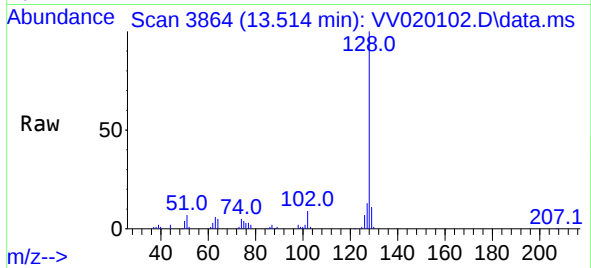




#69
Naphthalene
Concen: 4.48 ug/L
RT: 13.514 min Scan# 3864
Delta R.T. 0.003 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

Instrument :
MSVOA_V
ClientSampleId :
VSTD00564

Tgt Ion:128	Resp:	50746
Ion Ratio	Lower	Upper
128	100	
127	13.2	10.3 15.5
129	10.7	8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 4.57 ug/L
RT: 13.755 min Scan# 3939
Delta R.T. 0.003 min
Lab File: VV020102.D
Acq: 21 Jan 2021 11:43

Tgt Ion:180	Resp:	18305
Ion Ratio	Lower	Upper
180	100	
182	90.7	76.1 114.1
145	33.2	27.9 41.9

