

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022621\
 Data File : VW020395.D
 Acq On : 24 Feb 2021 14:46
 Operator : SY/MD
 Sample : VSTD00563
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005163

Quant Time: Feb 24 17:32:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 24 17:31:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	550535	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	536685	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	281064	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	14166	4.06	ug/L	0.00
7) Chloroethane-d5	1.568	69	12279	4.41	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	29178	5.03	ug/L	0.00
21) 2-Butanone-d5	3.912	46	16895	7.33	ug/L	0.02
24) Chloroform-d	4.352	84	30987	4.68	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	19841	4.71	ug/L	0.00
32) Benzene-d6	5.056	84	56975	4.35	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.076	67	18217	4.31	ug/L	0.00
41) Toluene-d8	7.320	98	52627	4.22	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	7591	3.70	ug/L	0.00
47) 2-Hexanone-d5	8.101	63	9767	5.51	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.223	84	22614	3.83	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.632	152	25271	4.88	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	23201	5.82	ug/L	99
3) Chloromethane	1.243	50	19382	4.51	ug/L	99
5) Vinyl chloride	1.310	62	21132	5.34	ug/L	97
6) Bromomethane	1.523	94	13580	5.98	ug/L	98
8) Chloroethane	1.587	64	13003	5.35	ug/L	90
9) Trichlorofluoromethane	1.754	101	31881	5.53	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	17594	5.74	ug/L	94
12) 1,1-Dichloroethene	2.121	96	15927	5.52	ug/L	96
13) Acetone	2.182	43	16185	10.80	ug/L	99
14) Carbon disulfide	2.294	76	40624	4.93	ug/L	99
15) Methyl Acetate	2.439	43	14394	4.36	ug/L	95
16) Methylene chloride	2.510	84	19088	5.55	ug/L	94
17) trans-1,2-Dichloroethene	2.764	96	16155	5.03	ug/L	100
18) Methyl tert-butyl Ether	2.770	73	47001	4.68	ug/L	99
19) 1,1-Dichloroethane	3.195	63	30060	5.07	ug/L	99
20) cis-1,2-Dichloroethene	3.918	96	17076	4.75	ug/L	92
22) 2-Butanone	4.002	43	18387	7.83	ug/L #	64
23) Bromochloromethane	4.252	128	9194	4.66	ug/L	97
25) Chloroform	4.381	83	32582	5.05	ug/L	99
27) 1,2-Dichloroethane	5.137	62	23562	4.71	ug/L #	93
29) Cyclohexane	4.677	56	22481	4.26	ug/L	98
30) 1,1,1-Trichloroethane	4.613	97	26809	4.53	ug/L	98
31) Carbon tetrachloride	4.831	117	23784	4.64	ug/L	98
33) Benzene	5.104	78	63468	4.52	ug/L	100
34) Trichloroethene	5.921	95	19813	5.02	ug/L	98
35) Methylcyclohexane	6.133	83	25170	4.41	ug/L	97
37) 1,2-Dichloropropane	6.178	63	15736	4.18	ug/L #	93
38) Bromodichloromethane	6.516	83	22267	4.38	ug/L	100
39) cis-1,3-Dichloropropene	7.034	75	21187	3.76	ug/L	99
40) 4-Methyl-2-pentanone	7.233	43	35332	7.02	ug/L	98
42) Toluene	7.394	91	66535	4.37	ug/L	97
44) trans-1,3-Dichloropropene	7.657	75	20522	3.77	ug/L	100

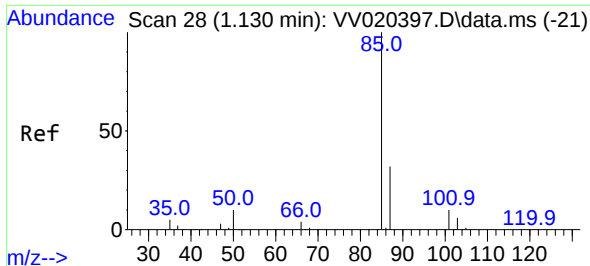
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022621\
 Data File : VW020395.D
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Quant Time: Feb 24 17:32:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 24 17:31:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.844	97	17147	4.71	ug/L	96
46) Tetrachloroethene	7.982	164	15300	4.76	ug/L	97
48) 2-Hexanone	8.149	43	26985	7.48	ug/L	98
49) Dibromochloromethane	8.252	129	15938	3.95	ug/L	94
50) 1,2-Dibromoethane	8.358	107	17222	4.45	ug/L	99
51) Chlorobenzene	8.886	112	50110	4.95	ug/L	98
52) Ethylbenzene	9.018	91	72974	4.37	ug/L	98
53) m,p-Xylene	9.146	106	26888	4.21	ug/L	99
54) o-Xylene	9.548	106	27207	4.32	ug/L	90
55) Styrene	9.567	104	41620	3.83	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.249	83	22433	3.81	ug/L	99
59) Bromoform	9.738	173	10955	3.61	ug/L	99
60) Isopropylbenzene	9.937	105	70993	4.40	ug/L	99
61) 1,2,3-Trichloropropane	10.281	75	22316	4.96	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	53668	3.92	ug/L	98
63) 1,2,4-Trimethylbenzene	10.921	105	54062	4.00	ug/L	99
64) 1,3-Dichlorobenzene	11.188	146	39671	4.86	ug/L	98
65) 1,4-Dichlorobenzene	11.281	146	42384	5.04	ug/L	100
67) 1,2-Dichlorobenzene	11.651	146	39122	4.76	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.439	75	3527	2.78	ug/L #	80
69) 1,3,5-Trichlorobenzene	12.654	180	30256	4.45	ug/L	99
70) 1,2,4-trichlorobenzene	13.271	180	23128	3.73	ug/L	99
71) Naphthalene	13.513	128	49224	2.81	ug/L	98
72) 1,2,3-Trichlorobenzene	13.754	180	22995	3.71	ug/L	99

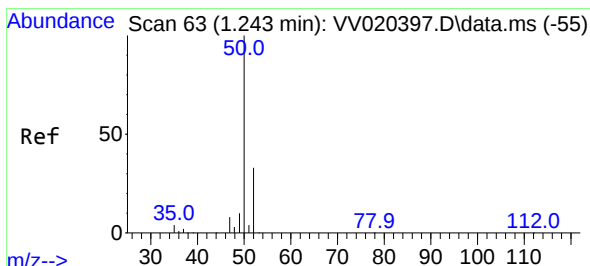
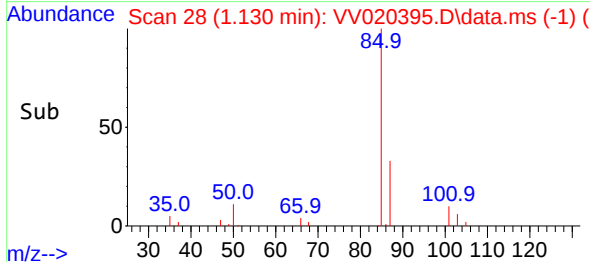
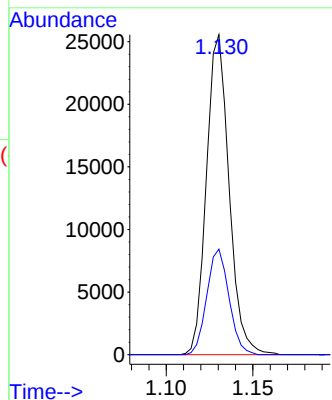
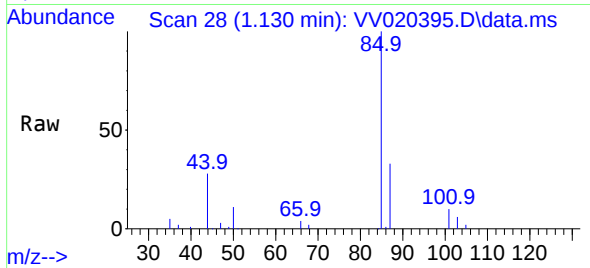
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.82 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.000 min
Lab File: VV020395.D
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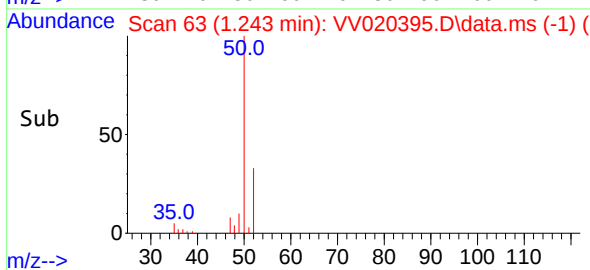
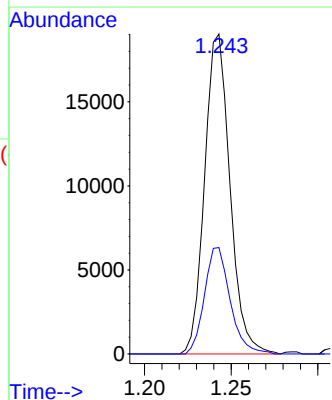
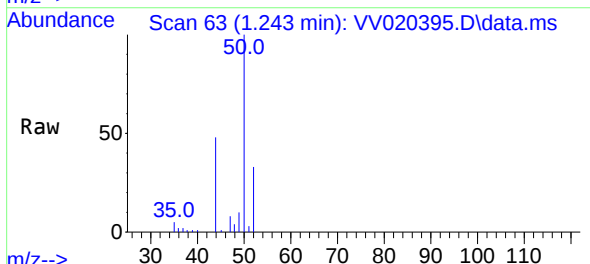
Instrument :
MSVOA_V
ClientSampleId :
VSTD005163

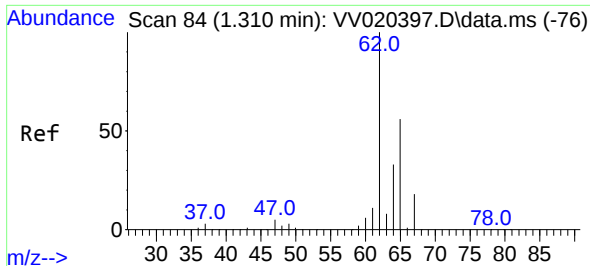
Tgt Ion: 85 Resp: 23201
Ion Ratio Lower Upper
85 100
87 32.3 26.2 39.2



#3
Chloromethane
Concen: 4.51 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.000 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

Tgt Ion: 50 Resp: 19382
Ion Ratio Lower Upper
50 100
52 33.3 22.9 42.5

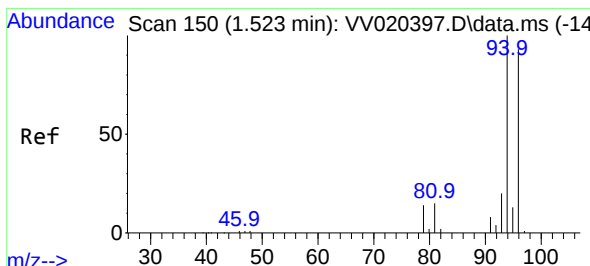
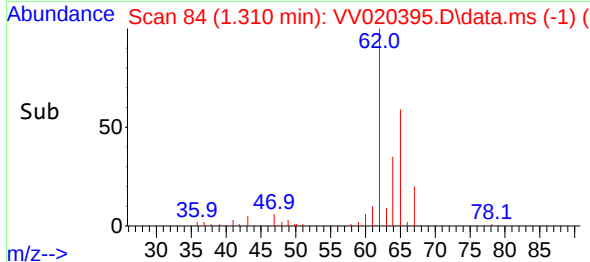
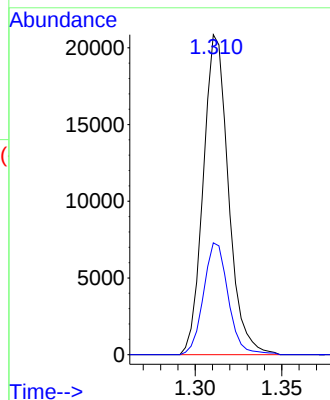
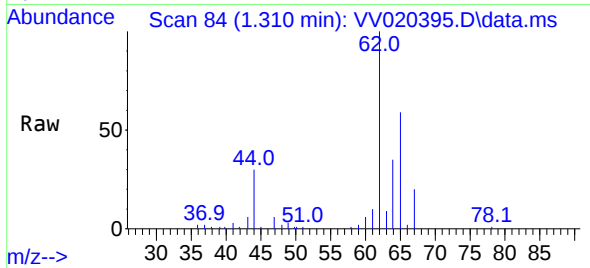




#5
 Vinyl chloride
 Concen: 5.34 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV020395.D
 Acq: 24 Feb 2021 14:46

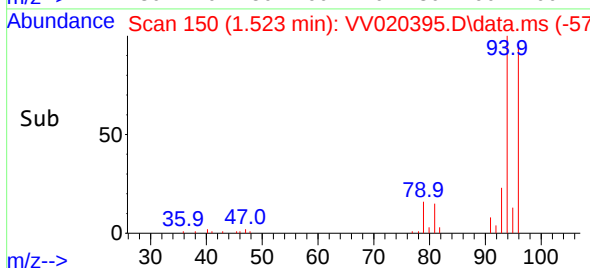
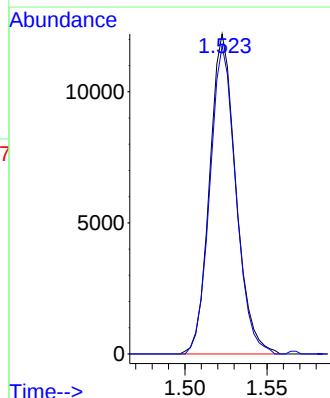
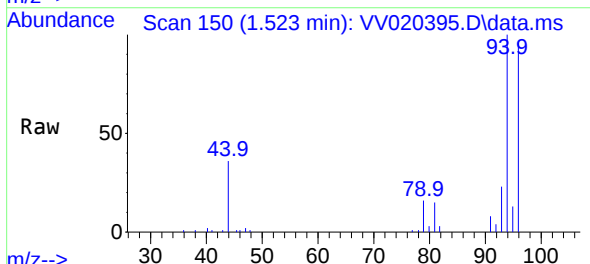
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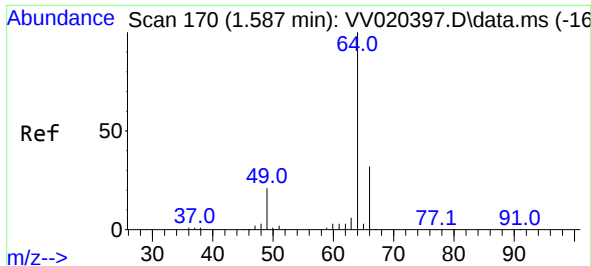
Tgt Ion: 62 Resp: 21132
 Ion Ratio Lower Upper
 62 100
 64 35.0 23.1 42.9



#6
 Bromomethane
 Concen: 5.98 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV020395.D
 Acq: 24 Feb 2021 14:46

Tgt Ion: 94 Resp: 13580
 Ion Ratio Lower Upper
 94 100
 96 96.3 65.9 122.5

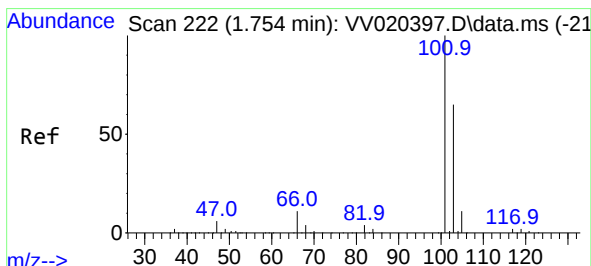
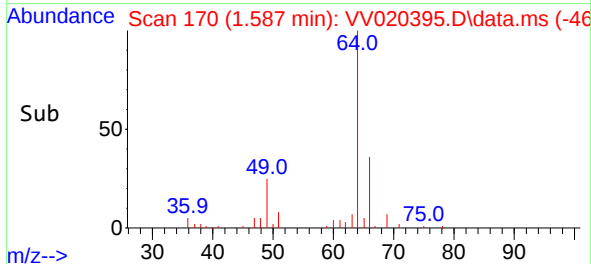
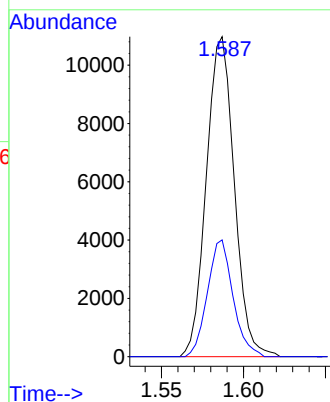
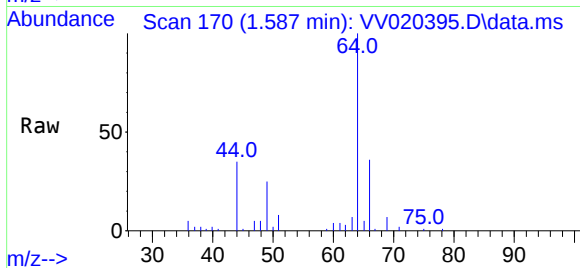




#8
Chloroethane
Concen: 5.35 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

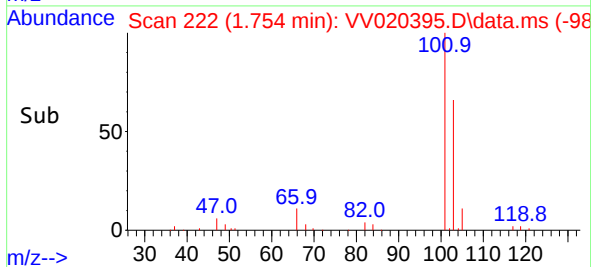
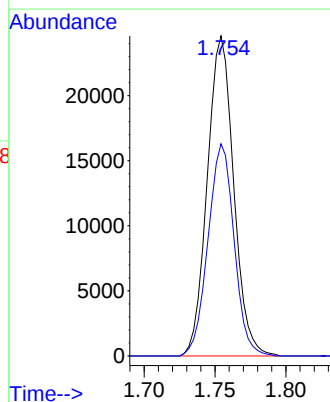
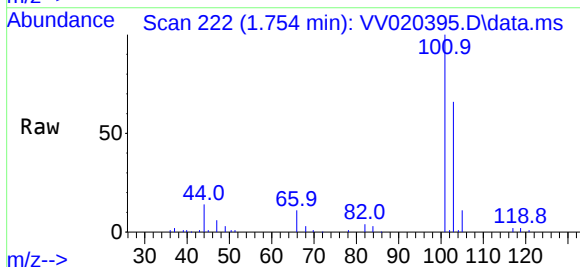
Instrument :
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ClientSampleId :
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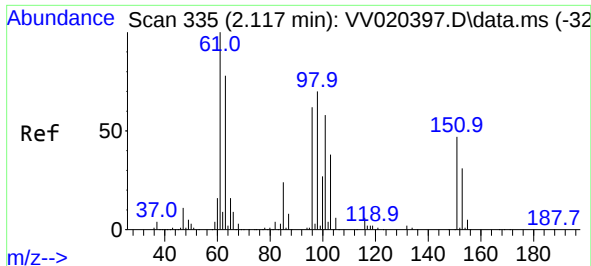
Tgt Ion: 64 Resp: 13003
Ion Ratio Lower Upper
64 100
66 36.5 21.8 40.4



#9
Trichlorofluoromethane
Concen: 5.53 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

Tgt Ion:101 Resp: 31881
Ion Ratio Lower Upper
101 100
103 65.4 51.8 77.6

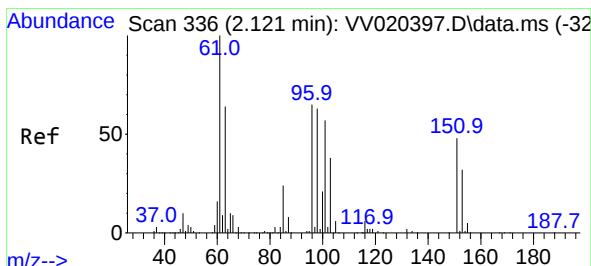
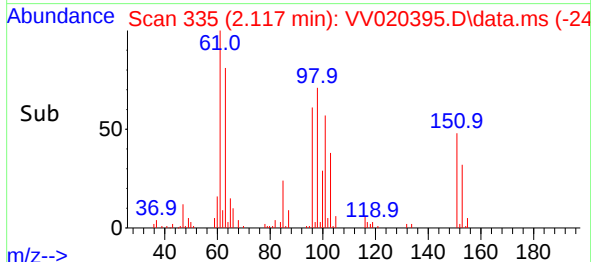
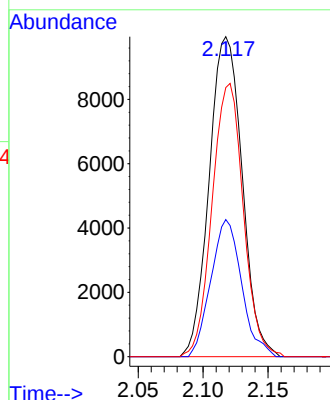
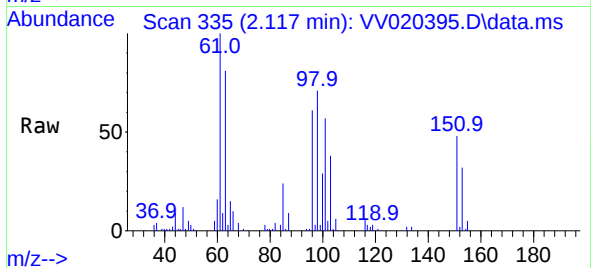




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.74 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

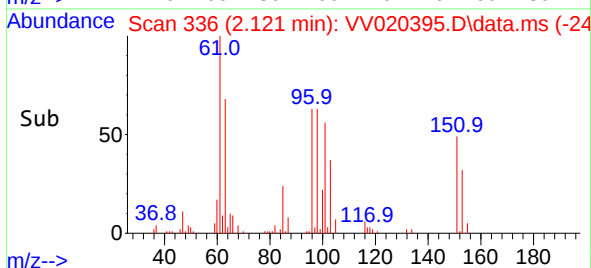
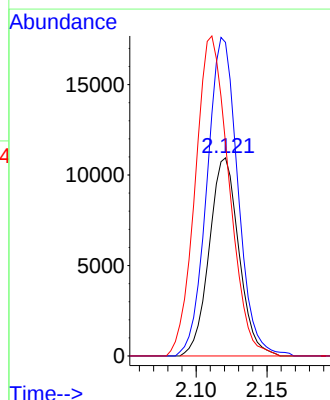
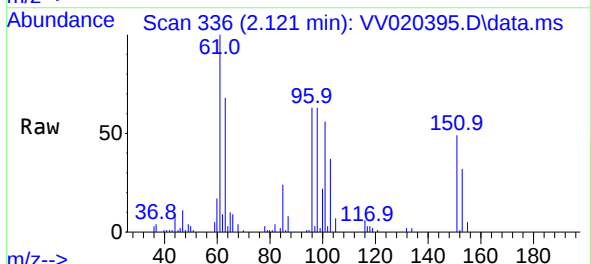
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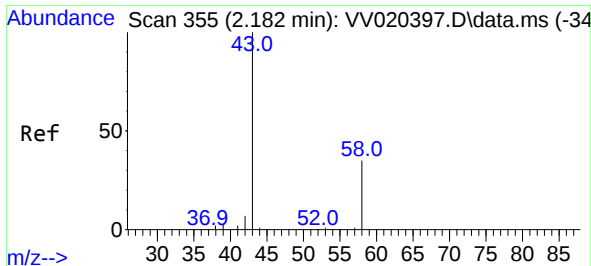
Tgt Ion:	101	Resp:	17594
Ion	Ratio	Lower	Upper
101	100		
85	39.9	32.4	48.6
151	80.6	71.0	106.6



#12
1,1-Dichloroethene
Concen: 5.52 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.000 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

Tgt Ion:	96	Resp:	15927
Ion	Ratio	Lower	Upper
96	100		
61	158.3	110.9	206.1
63	107.6	82.1	152.5

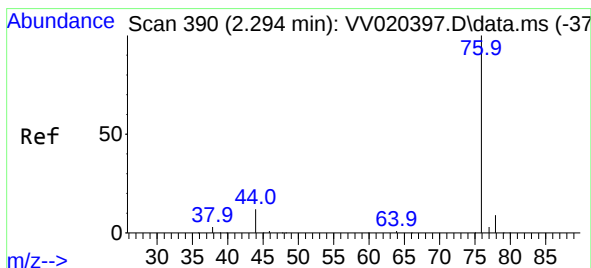
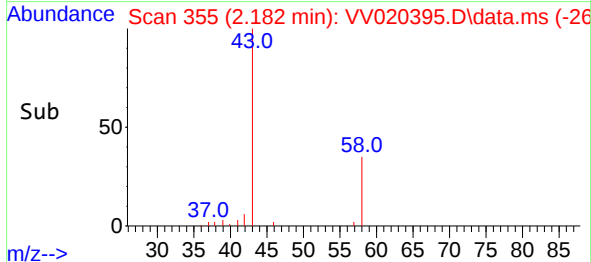
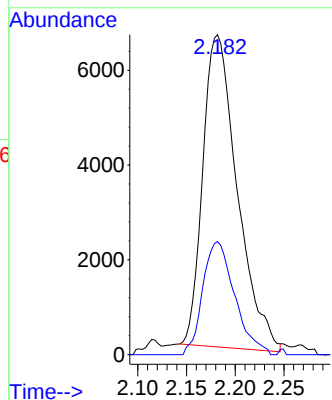
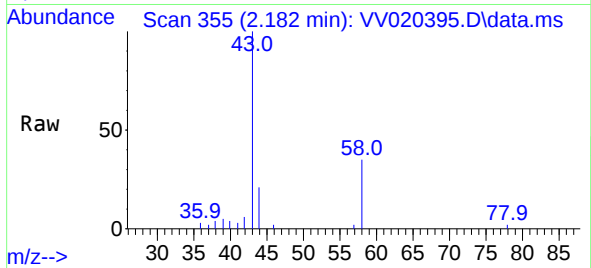




#13
Acetone
Concen: 10.80 ug/L
RT: 2.182 min Scan# 355
Delta R.T. 0.000 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

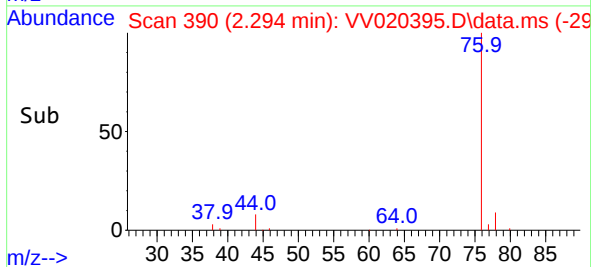
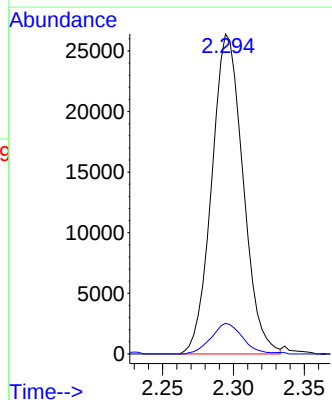
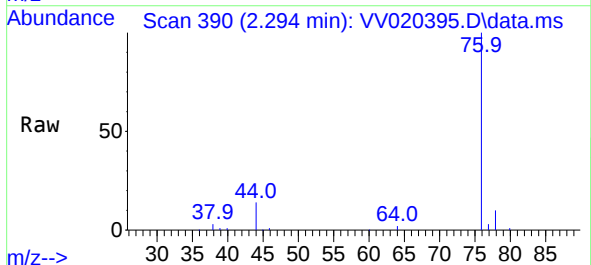
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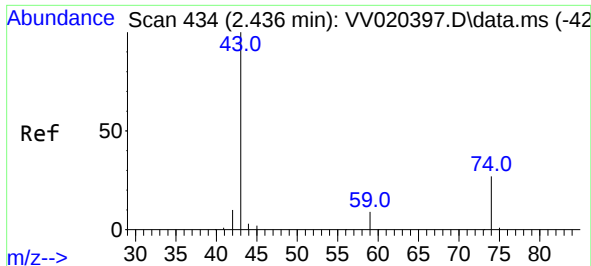
Tgt Ion: 43 Resp: 16185
Ion Ratio Lower Upper
43 100
58 33.6 0.0 68.0



#14
Carbon disulfide
Concen: 4.93 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

Tgt Ion: 76 Resp: 40624
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2

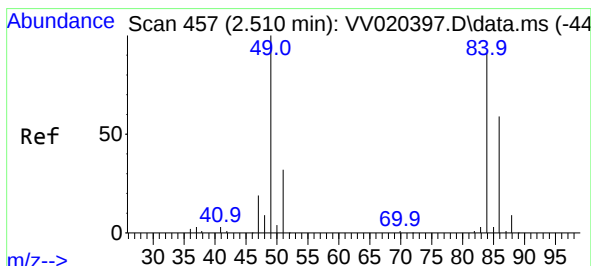
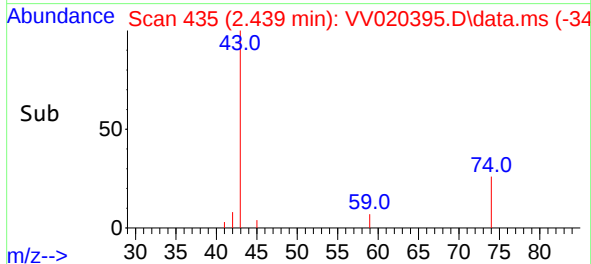
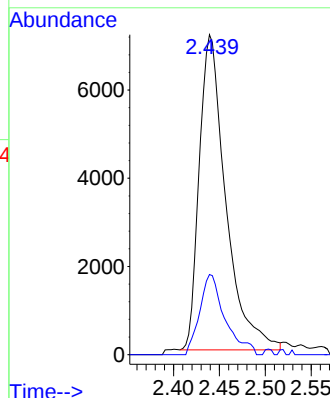
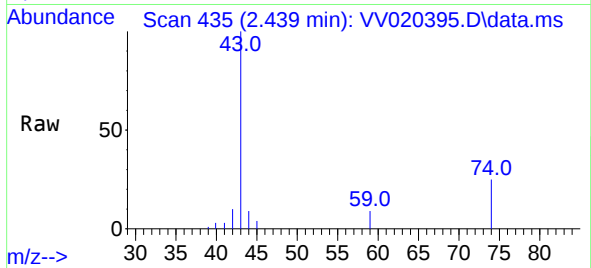




#15
Methyl Acetate
Concen: 4.36 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.003 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

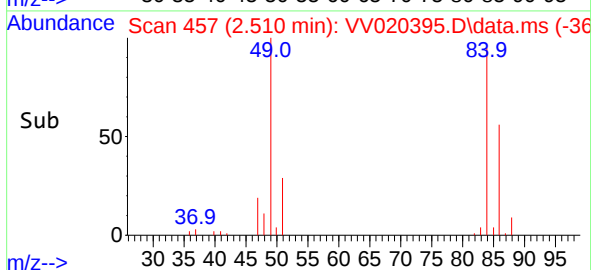
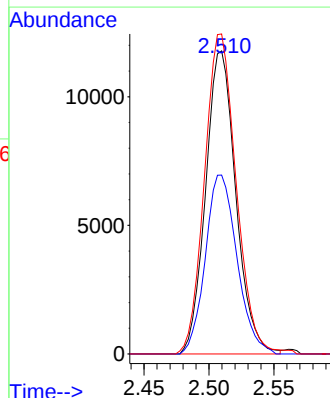
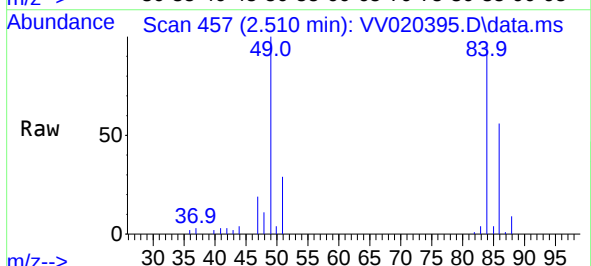
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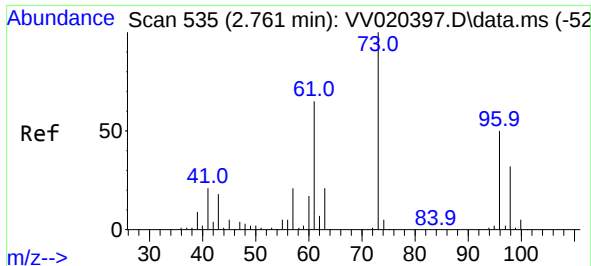
Tgt Ion: 43 Resp: 14394
Ion Ratio Lower Upper
43 100
74 23.3 20.6 30.8



#16
Methylene chloride
Concen: 5.55 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

Tgt Ion: 84 Resp: 19088
Ion Ratio Lower Upper
84 100
86 59.0 44.8 83.2
49 105.6 78.5 145.7

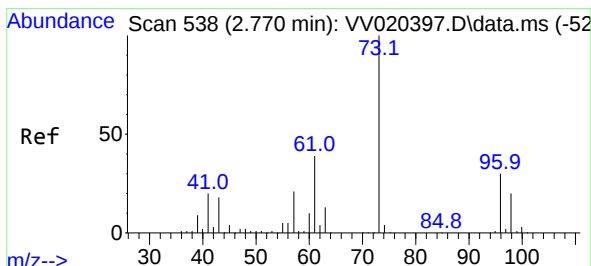
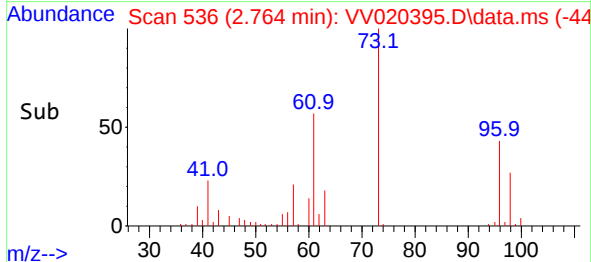
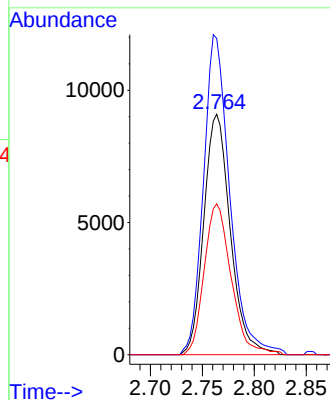
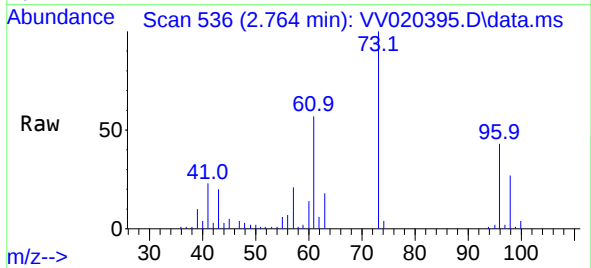




#17
trans-1,2-Dichloroethene
Concen: 5.03 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

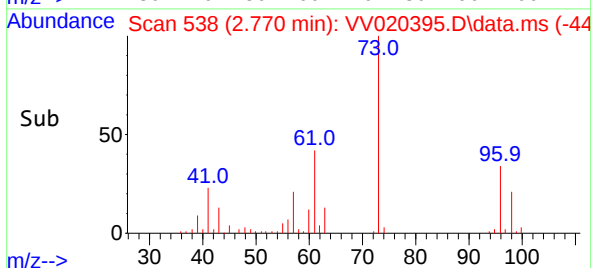
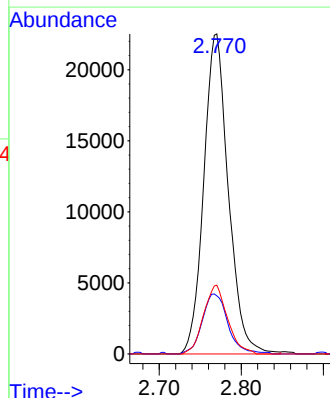
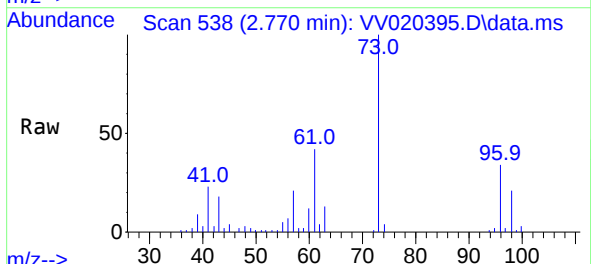
Instrument :
MSVOA_V
ClientSampleId :
VSTD005163

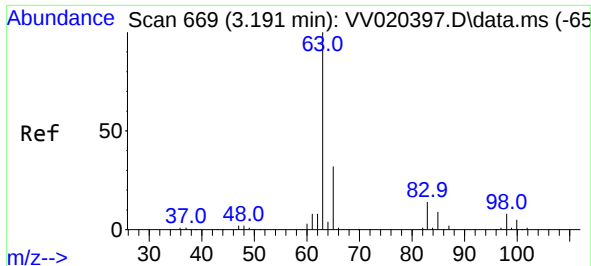
Tgt Ion: 96 Resp: 16155
Ion Ratio Lower Upper
96 100
61 131.5 92.0 170.9
98 62.8 44.2 82.2



#18
Methyl tert-butyl Ether
Concen: 4.68 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

Tgt Ion: 73 Resp: 47001
Ion Ratio Lower Upper
73 100
43 19.5 15.0 22.6
57 20.9 17.2 25.8



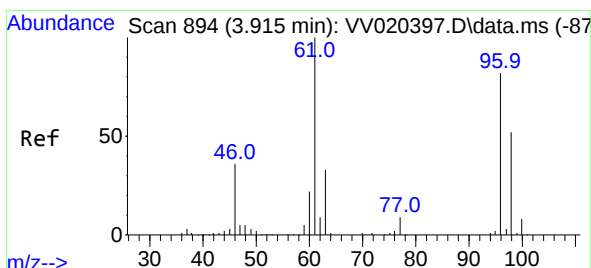
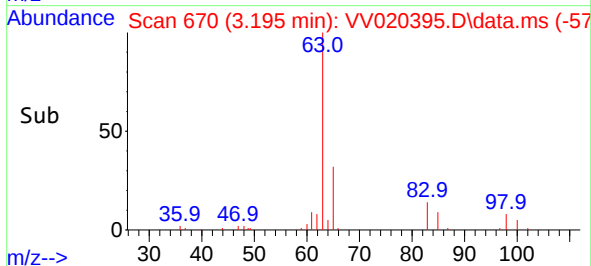
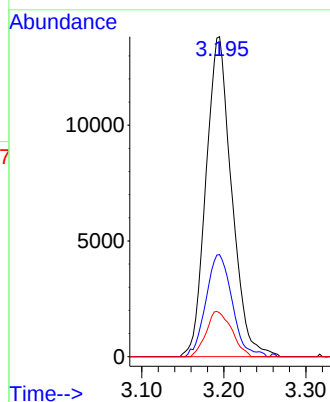
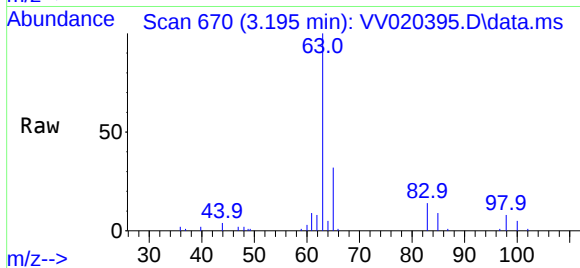


#19
1,1-Dichloroethane
Concen: 5.07 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

Instrument :
MSVOA_V
ClientSampleId :
VSTD005163

Tgt Ion: 63 Resp: 30060

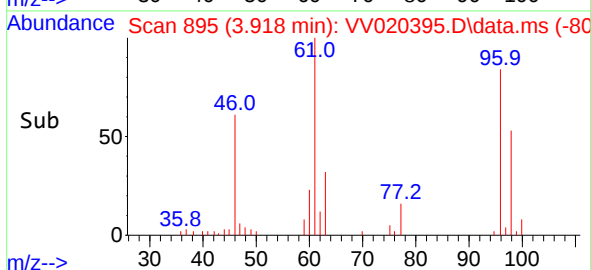
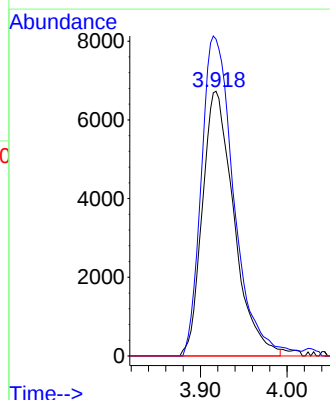
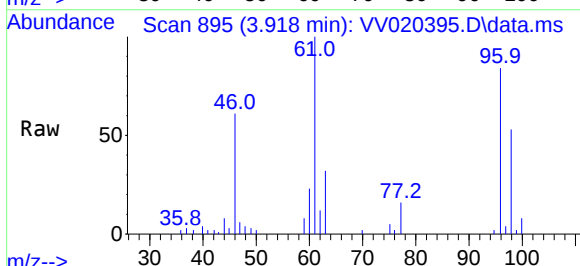
Ion	Ratio	Lower	Upper
63	100		
65	31.9	21.8	40.4
83	13.7	9.4	17.4

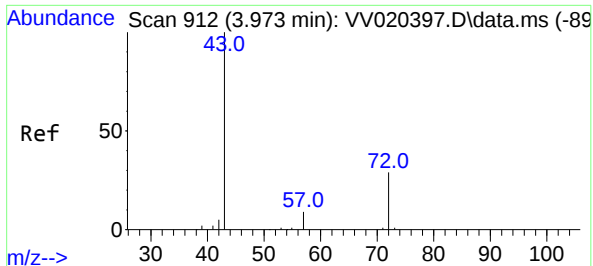


#20
cis-1,2-Dichloroethene
Concen: 4.75 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.003 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

Tgt Ion: 96 Resp: 17076

Ion	Ratio	Lower	Upper
96	100		
61	119.7	90.6	168.3
68	0.0	0.0	0.0

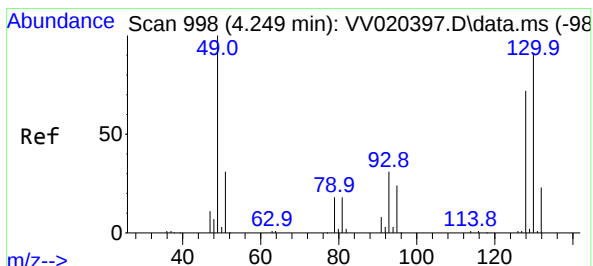
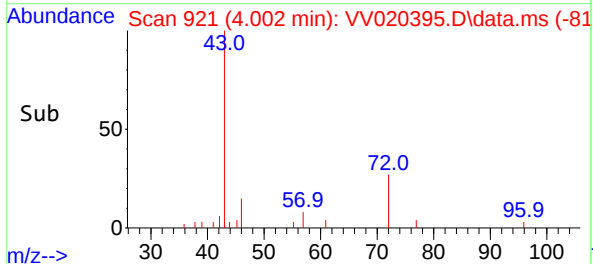
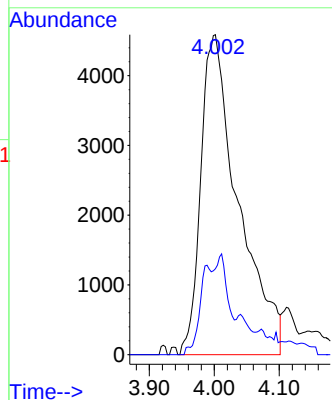
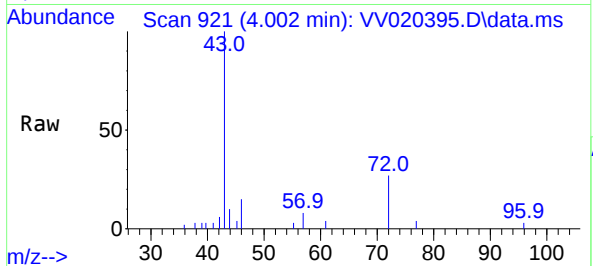




#22
2-Butanone
Concen: 7.83 ug/L
RT: 4.002 min Scan# 921
Delta R.T. 0.029 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

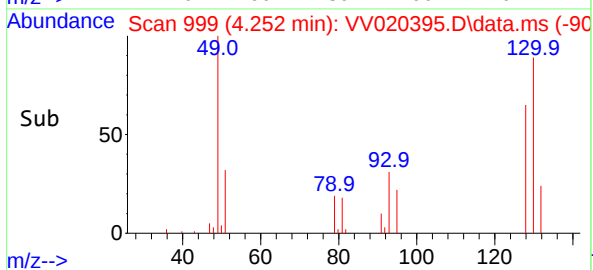
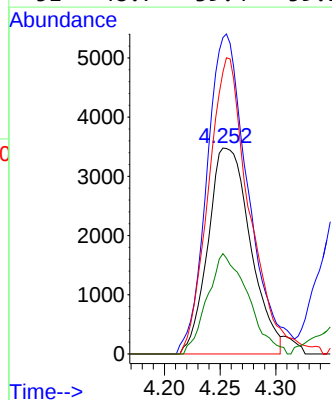
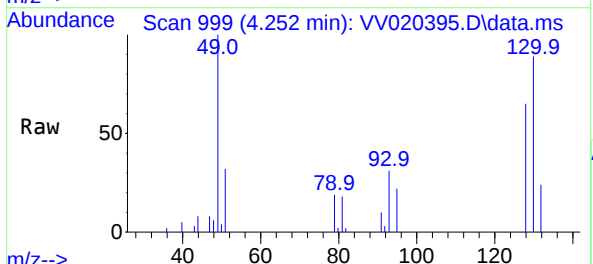
Instrument :
MSVOA_V
ClientSampleId :
VSTD005163

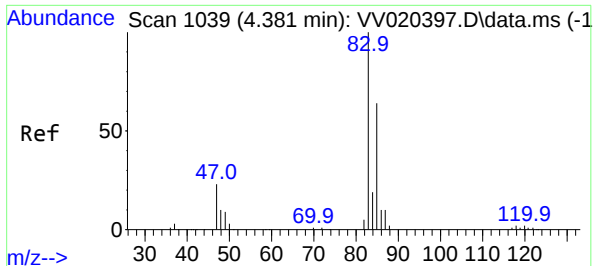
Tgt Ion: 43 Resp: 18387
Ion Ratio Lower Upper
43 100
72 7.4 12.7 38.1#



#23
Bromochloromethane
Concen: 4.66 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.003 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

Tgt Ion: 128 Resp: 9194
Ion Ratio Lower Upper
128 100
49 153.6 109.8 203.8
130 136.8 92.8 172.4
51 48.7 39.4 59.2

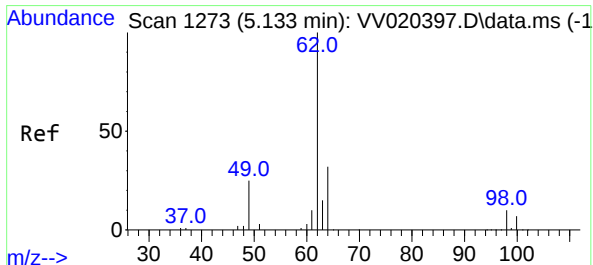
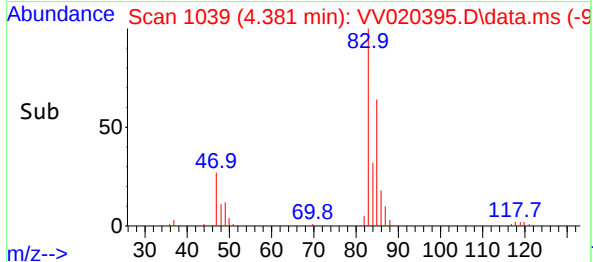
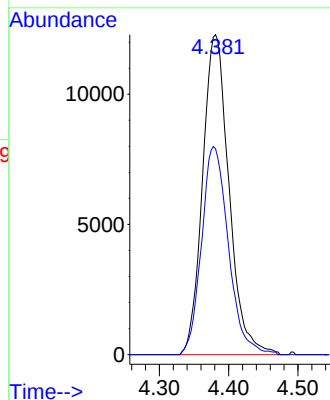
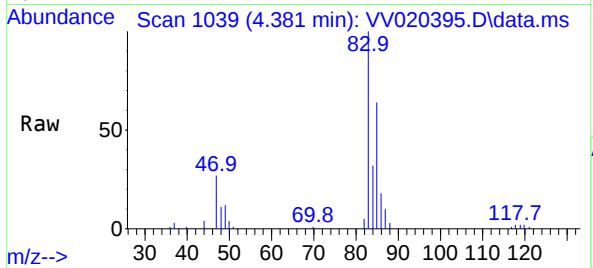




#25
Chloroform
Concen: 5.05 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

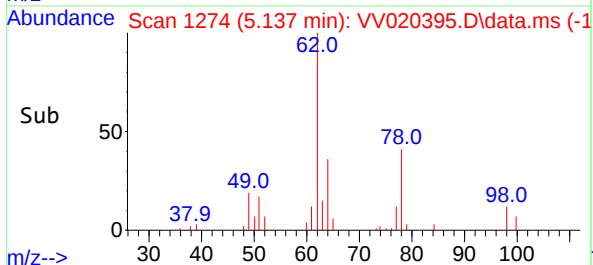
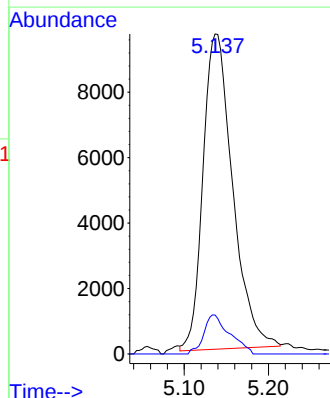
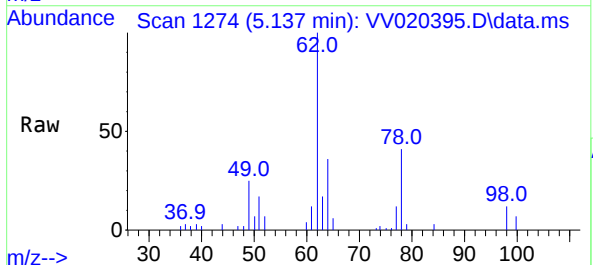
Instrument :
MSVOA_V
ClientSampleId :
VSTD005163

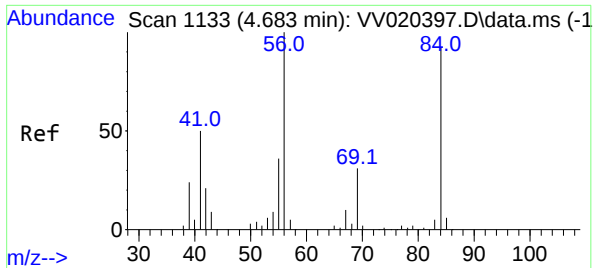
Tgt Ion: 83 Resp: 32582
Ion Ratio Lower Upper
83 100
85 64.4 44.6 82.8



#27
1,2-Dichloroethane
Concen: 4.71 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.003 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

Tgt Ion: 62 Resp: 23562
Ion Ratio Lower Upper
62 100
98 12.2 7.8 11.6#





#29

Cyclohexane

Concen: 4.26 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VV020395.D

Acq: 24 Feb 2021 14:46

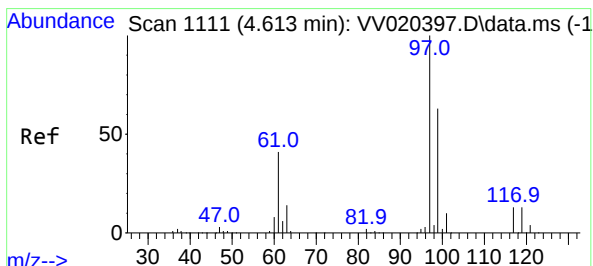
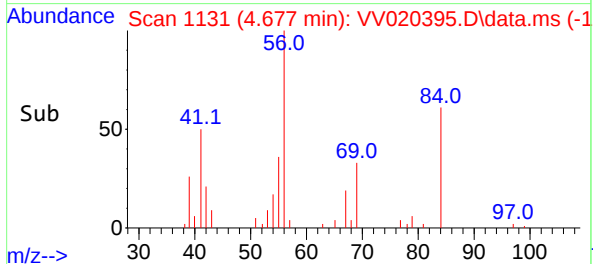
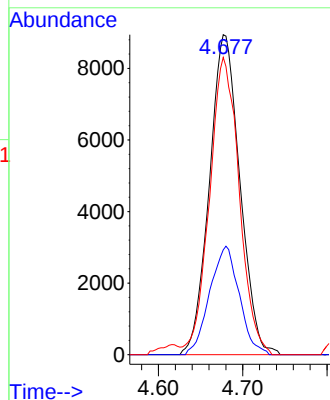
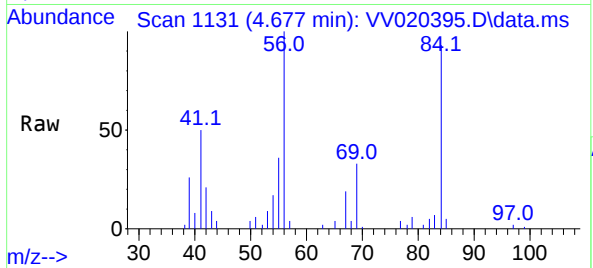
Tgt Ion: 56 Resp: 22481

Ion Ratio Lower Upper

56 100

69 32.8 25.1 37.7

84 90.6 70.6 106.0



#30

1,1,1-Trichloroethane

Concen: 4.53 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VV020395.D

Acq: 24 Feb 2021 14:46

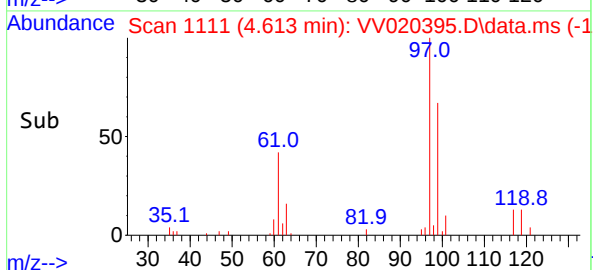
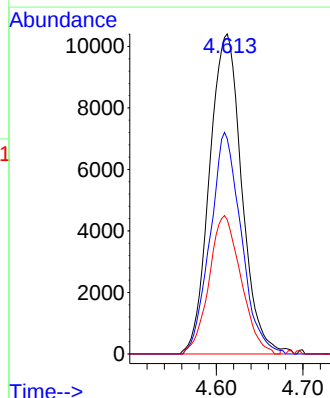
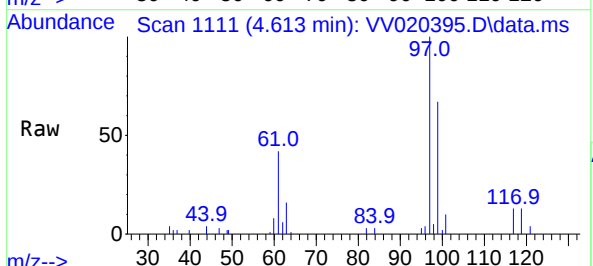
Tgt Ion: 97 Resp: 26809

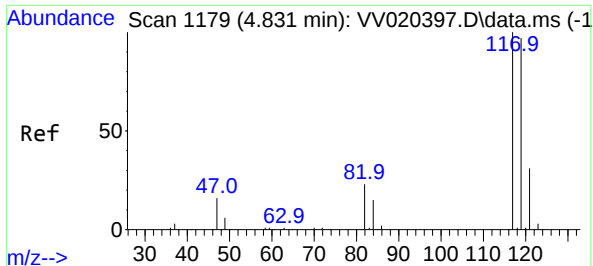
Ion Ratio Lower Upper

97 100

99 67.0 51.9 77.9

61 43.0 35.4 53.2

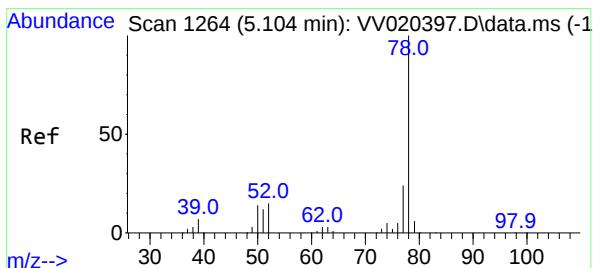
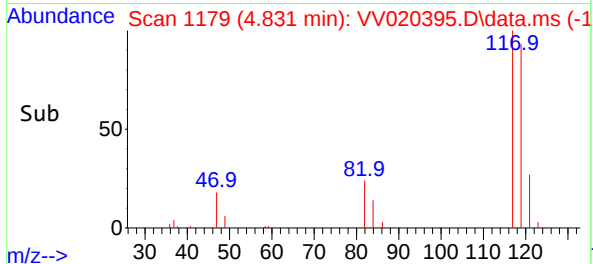
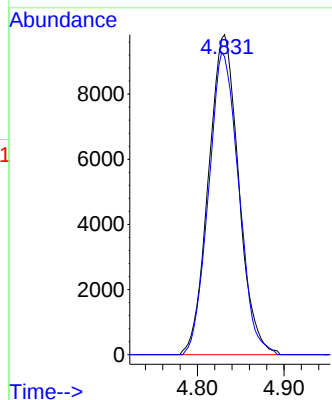
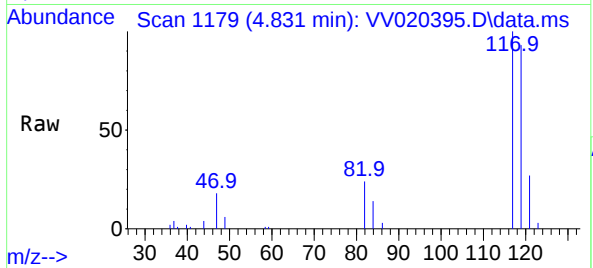




#31
Carbon tetrachloride
Concen: 4.64 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

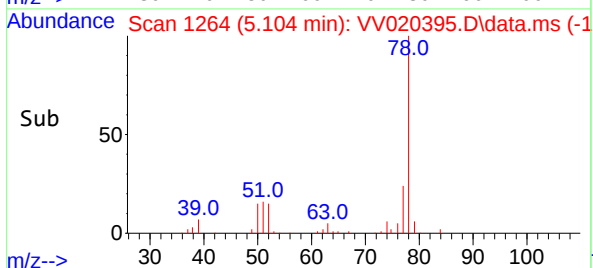
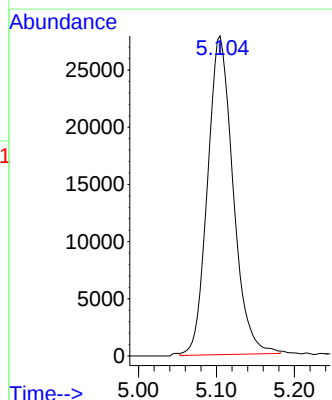
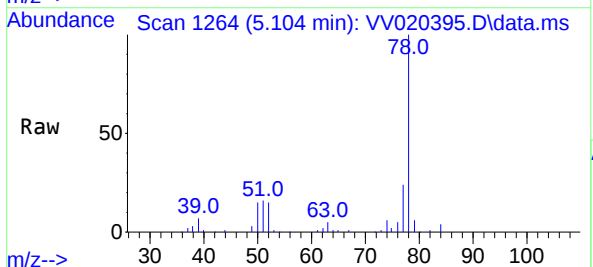
Instrument :
MSVOA_V
ClientSampleId :
VSTD005163

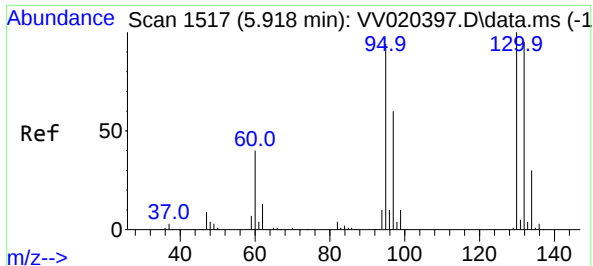
Tgt Ion:117 Resp: 23784
Ion Ratio Lower Upper
117 100
119 94.1 76.9 115.3



#33
Benzene
Concen: 4.52 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

Tgt Ion: 78 Resp: 63468



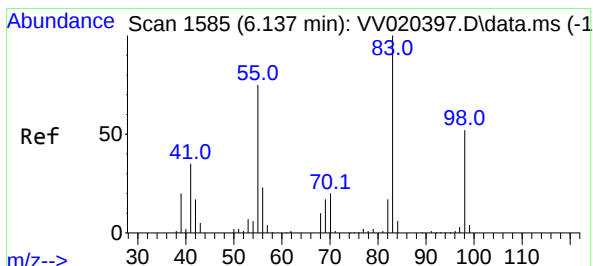
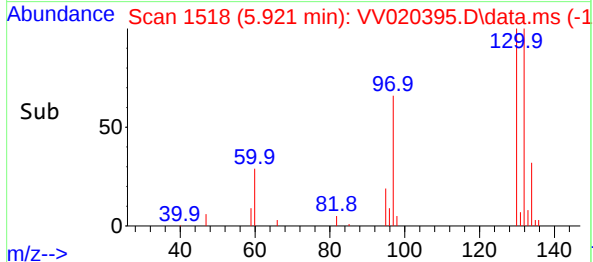
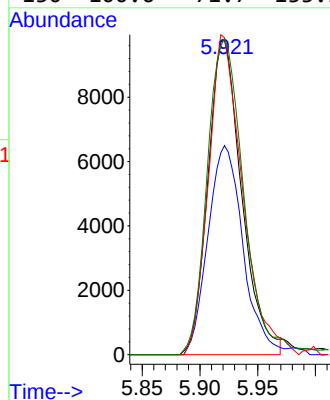
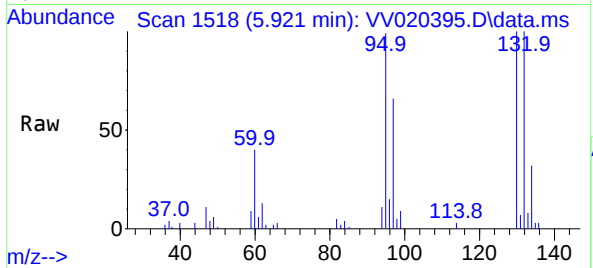


#34
Trichloroethene
Concen: 5.02 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

Instrument :
MSVOA_V
ClientSampleId :
VSTD005163

Tgt Ion: 95 Resp: 19813

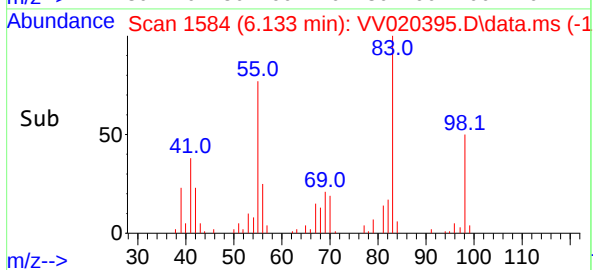
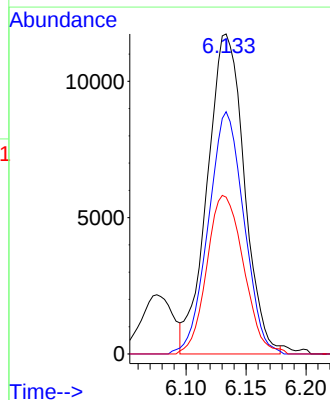
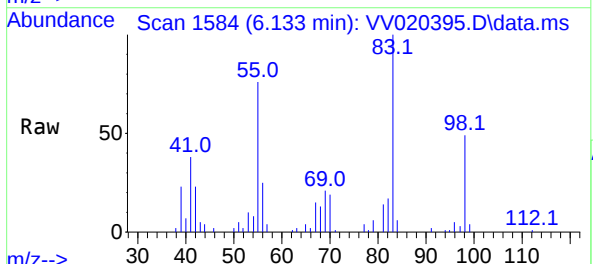
Ion	Ratio	Lower	Upper
95	100		
97	66.5	45.4	84.4
132	100.8	68.7	127.7
130	100.6	71.7	133.1

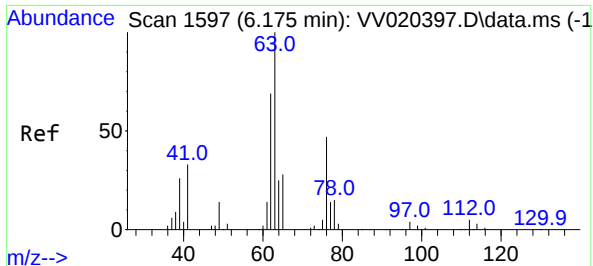


#35
Methylcyclohexane
Concen: 4.41 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.003 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

Tgt Ion: 83 Resp: 25170

Ion	Ratio	Lower	Upper
83	100		
55	73.0	61.4	92.0
98	49.3	39.9	59.9

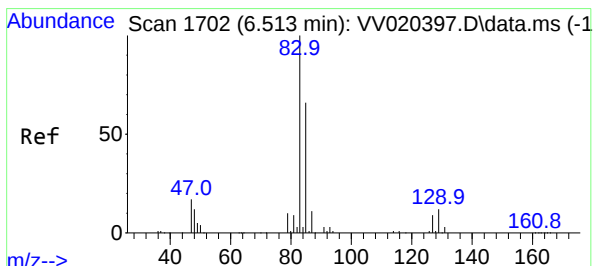
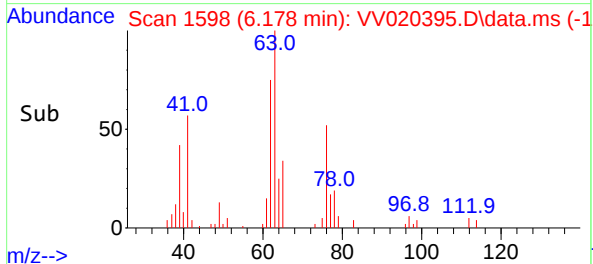
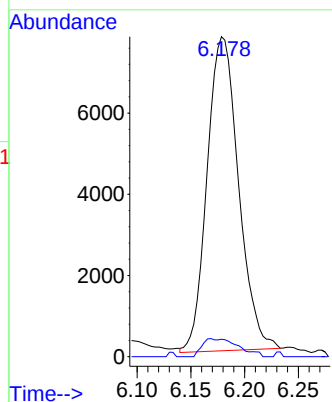
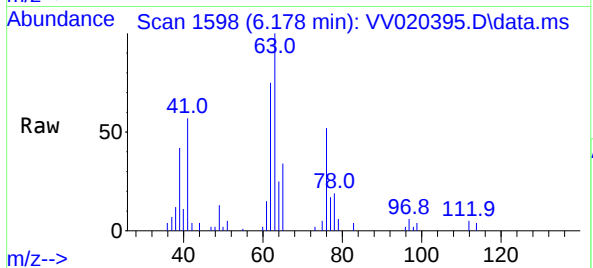




#37
1,2-Dichloropropane
Concen: 4.18 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.003 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

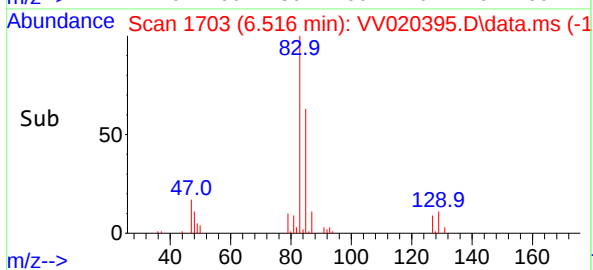
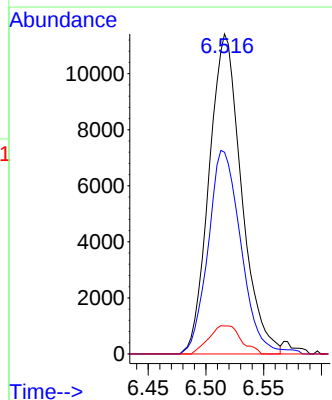
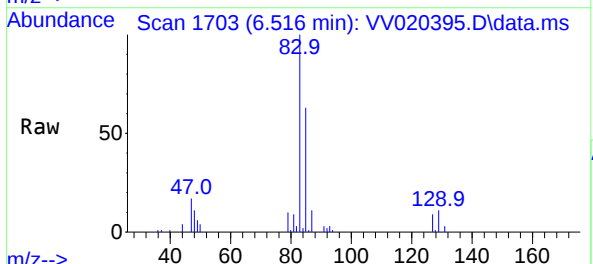
Instrument :
MSVOA_V
ClientSampleId :
VSTD005163

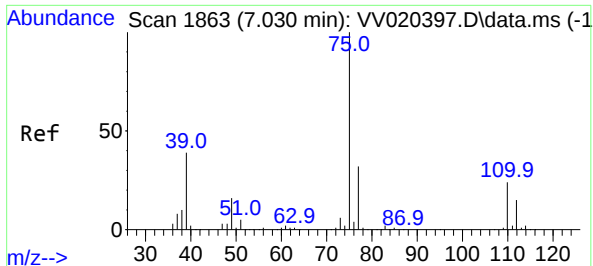
Tgt Ion: 63 Resp: 15736
Ion Ratio Lower Upper
63 100
112 2.4 3.9 5.9#



#38
Bromodichloromethane
Concen: 4.38 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.003 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

Tgt Ion: 83 Resp: 22267
Ion Ratio Lower Upper
83 100
85 63.1 44.2 82.2
127 8.7 6.8 10.2



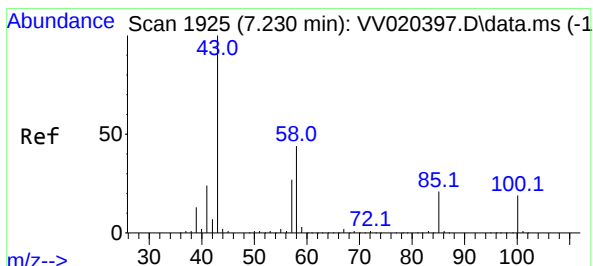
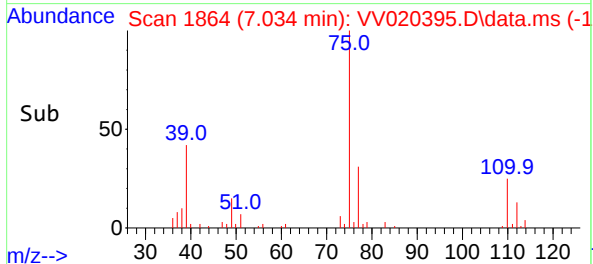
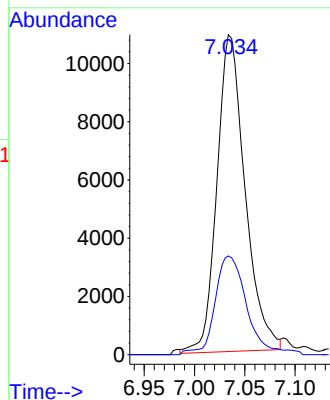
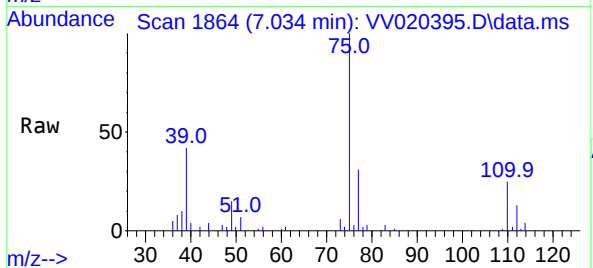


#39

cis-1,3-Dichloropropene
 Concen: 3.76 ug/L
 RT: 7.034 min Scan# 1864
 Delta R.T. 0.003 min
 Lab File: VV020395.D
 Acq: 24 Feb 2021 14:46

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005163

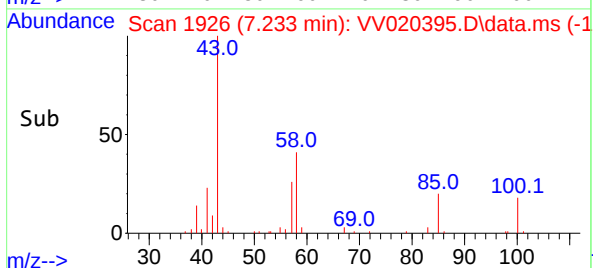
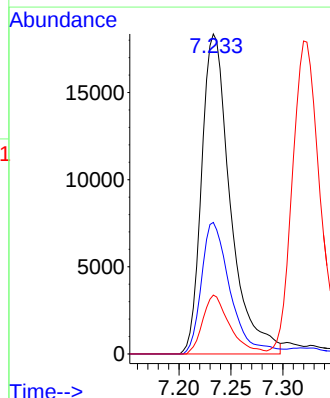
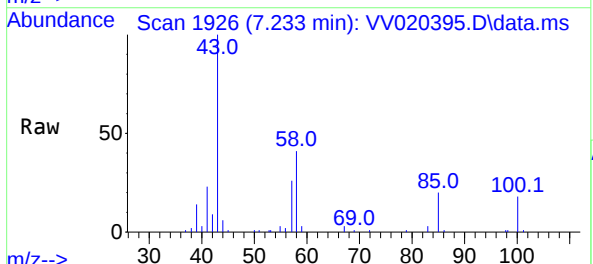
Tgt Ion: 75 Resp: 21187
 Ion Ratio Lower Upper
 75 100
 77 30.8 21.8 40.6

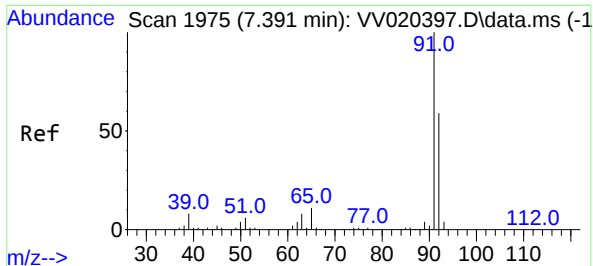


#40

4-Methyl-2-pentanone
 Concen: 7.02 ug/L
 RT: 7.233 min Scan# 1926
 Delta R.T. 0.003 min
 Lab File: VV020395.D
 Acq: 24 Feb 2021 14:46

Tgt Ion: 43 Resp: 35332
 Ion Ratio Lower Upper
 43 100
 58 41.3 32.1 48.1
 100 17.4 13.4 20.0





#42

Toluene

Concen: 4.37 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.003 min

Lab File: VV020395.D

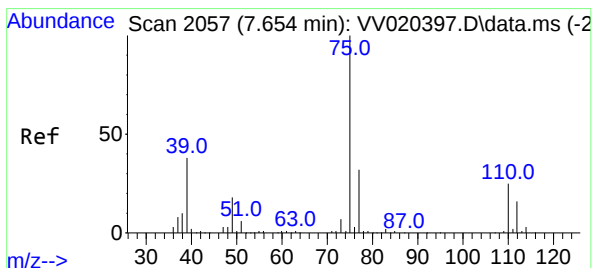
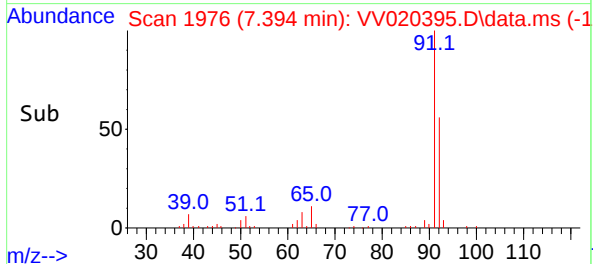
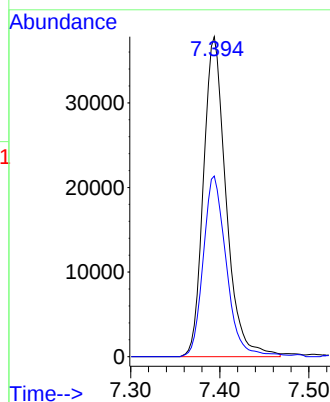
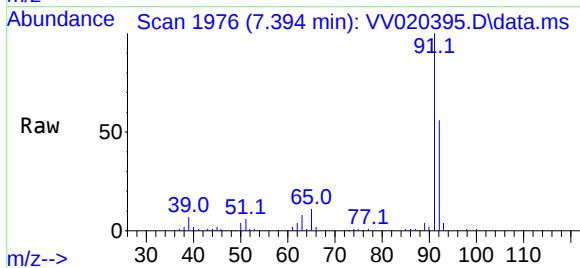
Acq: 24 Feb 2021 14:46

Tgt Ion: 91 Resp: 66535

Ion Ratio Lower Upper

91 100

92 56.5 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 3.77 ug/L

RT: 7.657 min Scan# 2058

Delta R.T. 0.003 min

Lab File: VV020395.D

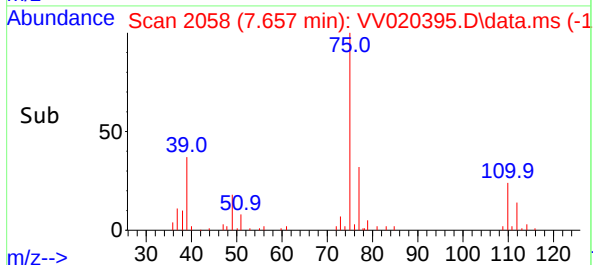
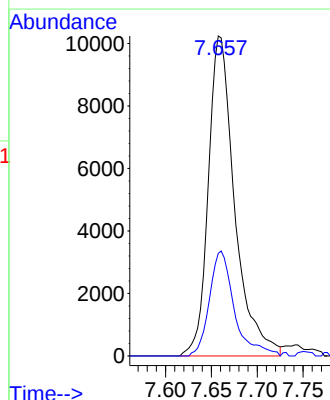
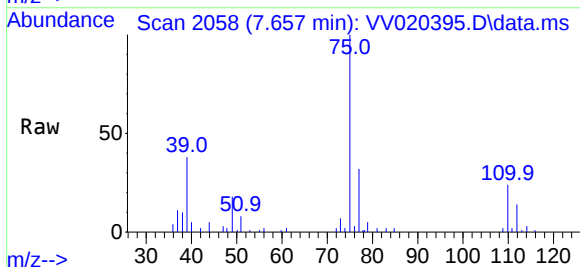
Acq: 24 Feb 2021 14:46

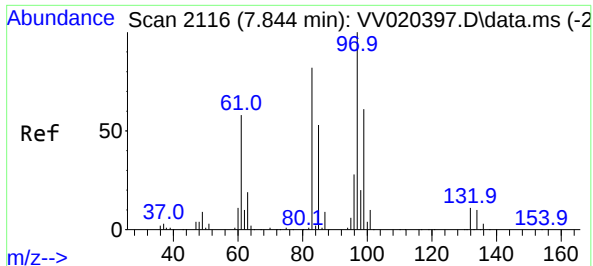
Tgt Ion: 75 Resp: 20522

Ion Ratio Lower Upper

75 100

77 32.0 22.5 41.7



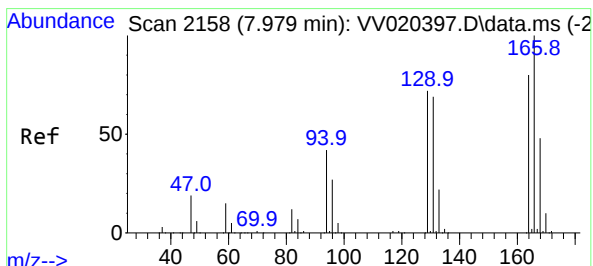
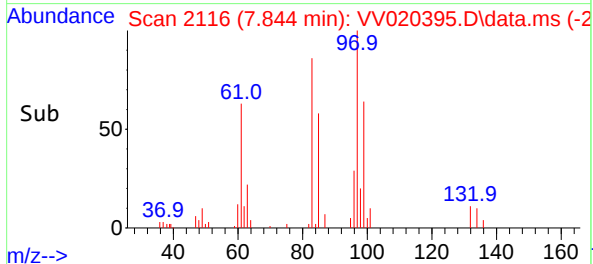
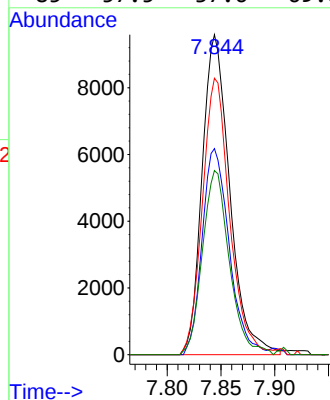
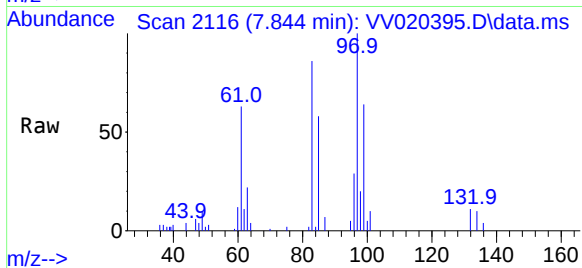


#45
1,1,2-Trichloroethane
Concen: 4.71 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.000 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

Instrument :
MSVOA_V
ClientSampleId :
VSTD005163

Tgt Ion: 97 Resp: 17147

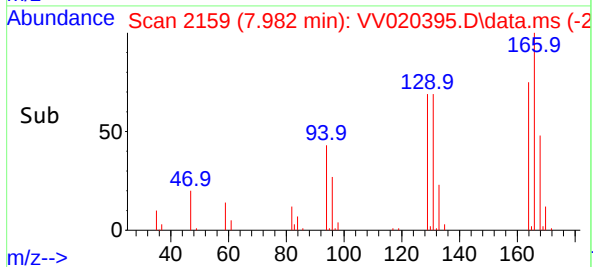
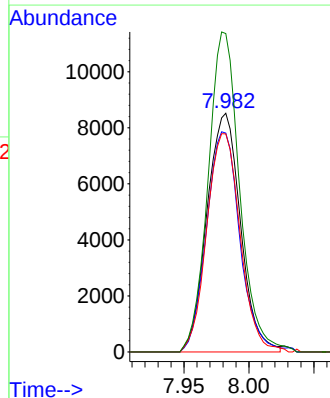
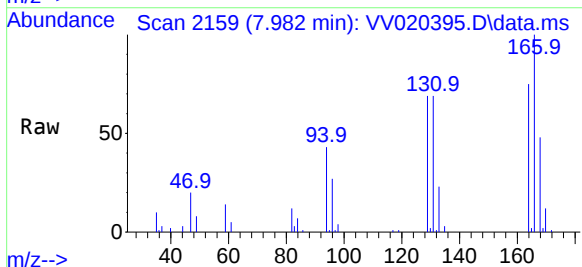
Ion	Ratio	Lower	Upper
97	100		
99	64.4	43.0	79.8
83	86.4	57.8	107.4
85	57.5	37.6	69.8

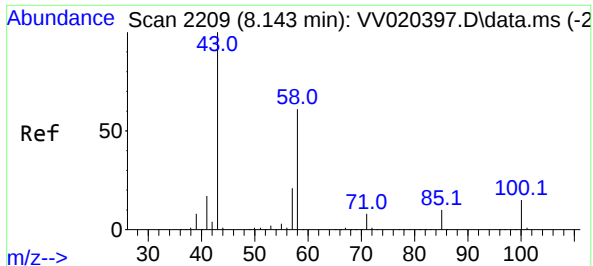


#46
Tetrachloroethene
Concen: 4.76 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.003 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

Tgt Ion: 164 Resp: 15300

Ion	Ratio	Lower	Upper
164	100		
129	91.7	64.0	118.8
131	91.4	61.2	113.8
166	133.3	90.6	168.3



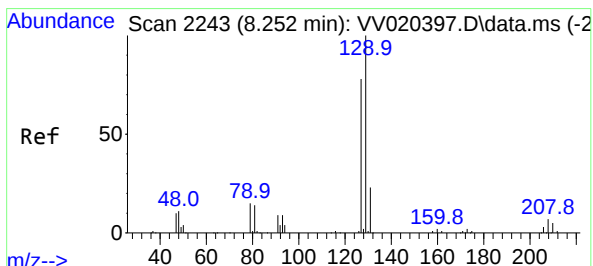
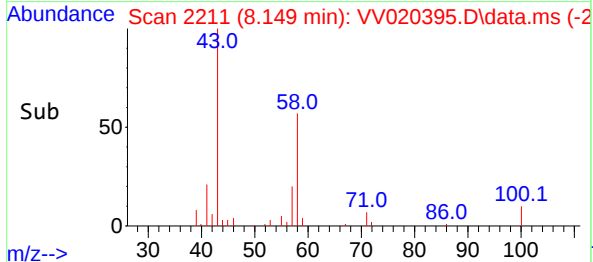
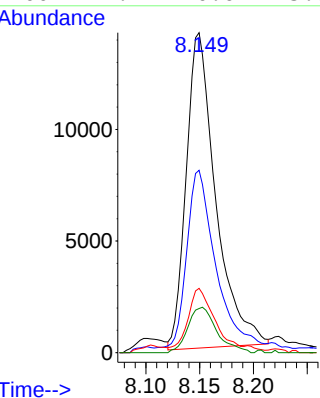
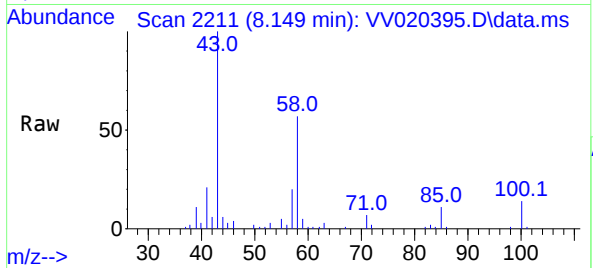


#48
2-Hexanone
Concen: 7.48 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.006 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

Instrument :
MSVOA_V
ClientSampleId :
VSTD005163

Tgt Ion: 43 Resp: 26985

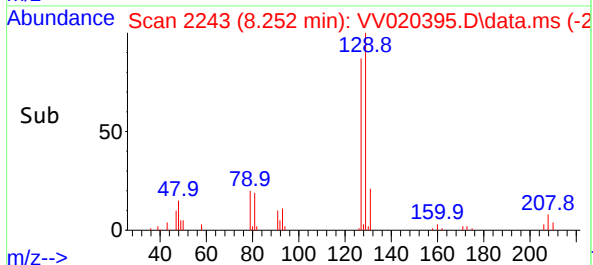
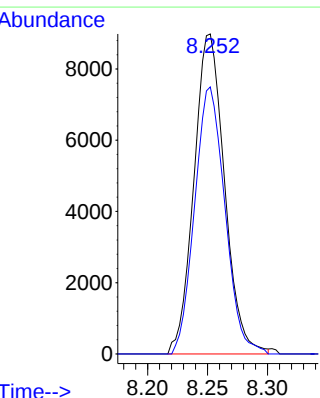
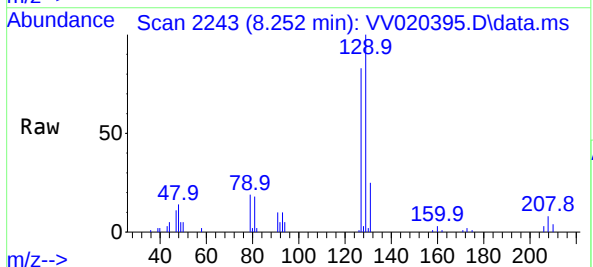
Ion	Ratio	Lower	Upper
43	100		
58	55.5	45.3	67.9
57	18.8	15.8	23.6
100	14.1	10.6	15.8

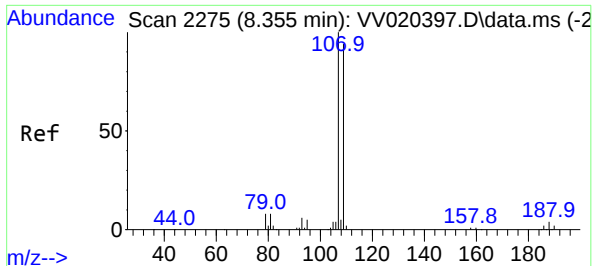


#49
Dibromochloromethane
Concen: 3.95 ug/L
RT: 8.252 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

Tgt Ion: 129 Resp: 15938

Ion	Ratio	Lower	Upper
129	100		
127	83.4	54.7	101.7





#50

1,2-Dibromoethane

Concen: 4.45 ug/L

RT: 8.358 min Scan# 2276

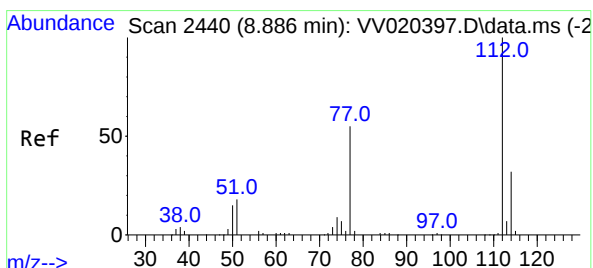
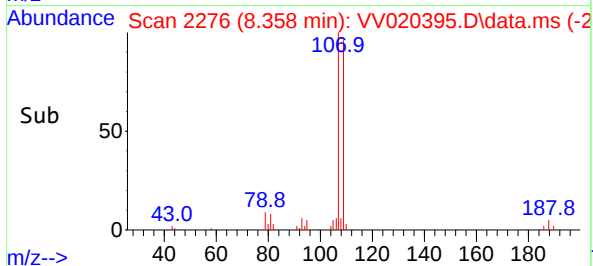
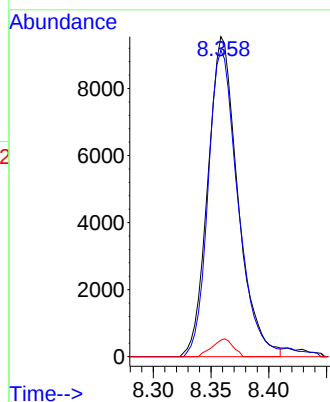
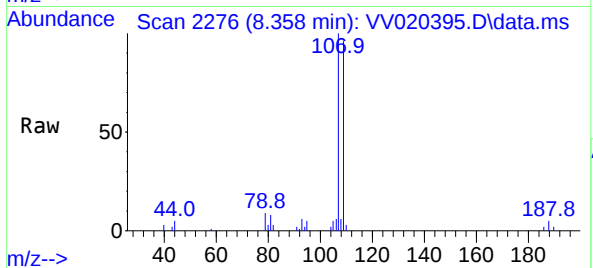
Delta R.T. 0.003 min

Lab File: VV020395.D

Acq: 24 Feb 2021 14:46

Tgt Ion:	107	Resp:	17222
Ion	Ratio	Lower	Upper
107	100		
109	95.7	66.2	123.0
188	5.1	3.6	5.4

Instrument :
MSVOA_V
ClientSampleId :
VSTD005163



#51

Chlorobenzene

Concen: 4.95 ug/L

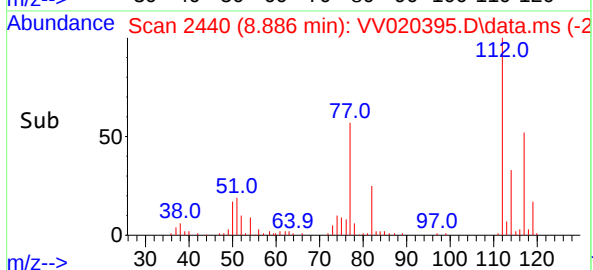
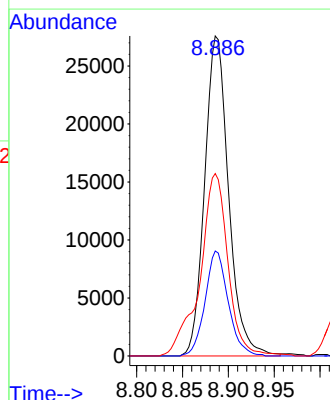
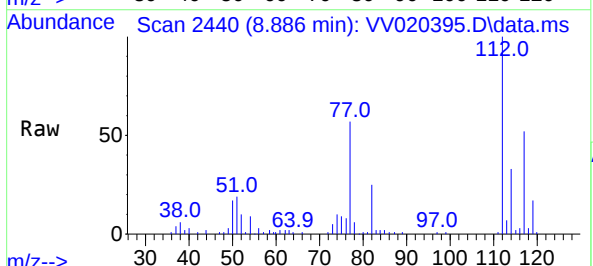
RT: 8.886 min Scan# 2440

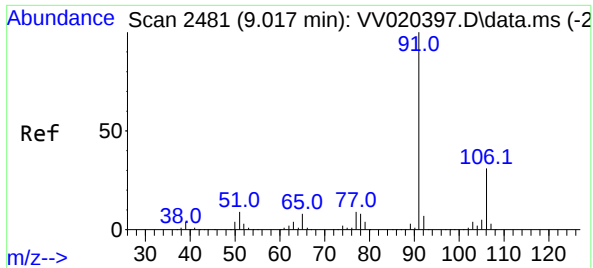
Delta R.T. 0.000 min

Lab File: VV020395.D

Acq: 24 Feb 2021 14:46

Tgt Ion:	112	Resp:	50110
Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.5	41.7
77	57.0	47.3	70.9

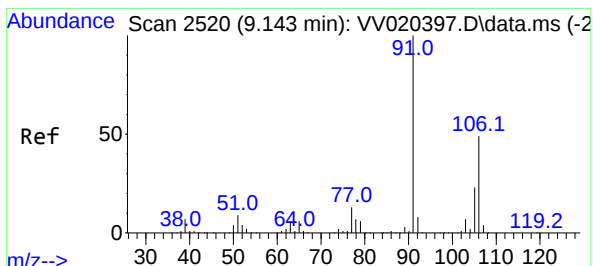
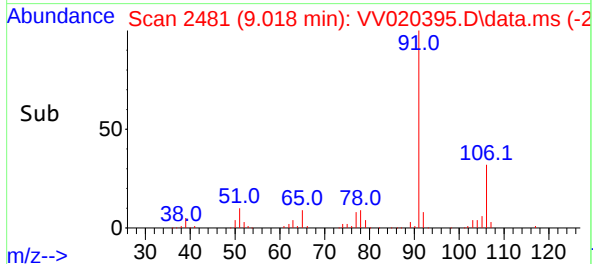
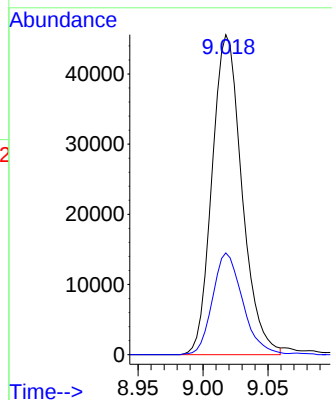
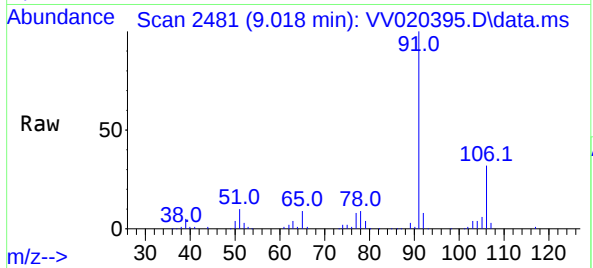




#52
Ethylbenzene
Concen: 4.37 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.000 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

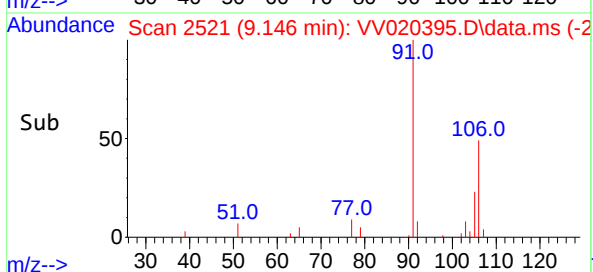
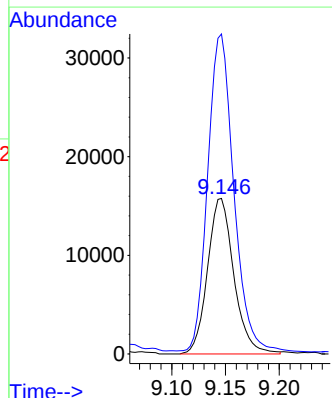
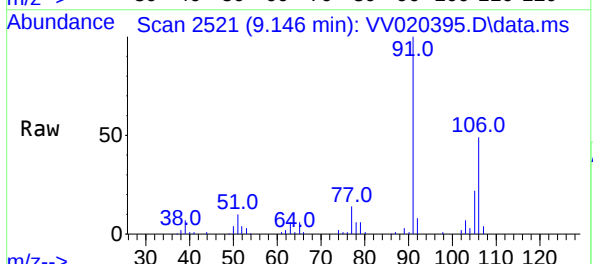
Instrument :
MSVOA_V
ClientSampleId :
VSTD005163

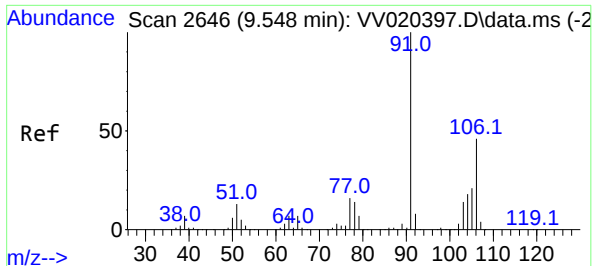
Tgt Ion: 91 Resp: 72974
Ion Ratio Lower Upper
91 100
106 31.8 21.3 39.6



#53
m,p-Xylene
Concen: 4.21 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

Tgt Ion: 106 Resp: 26888
Ion Ratio Lower Upper
106 100
91 205.8 143.1 265.7

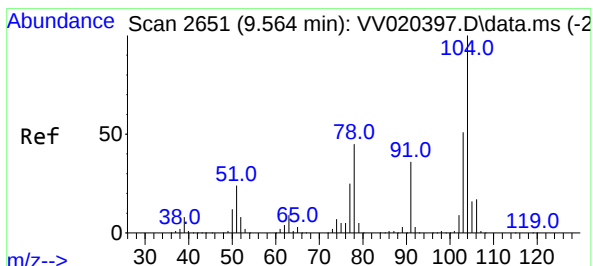
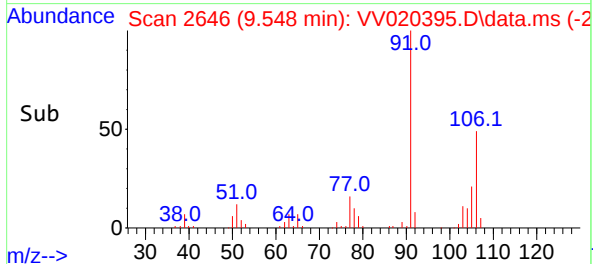
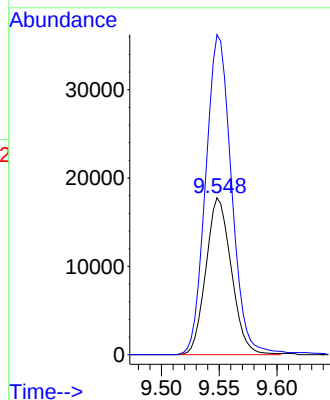
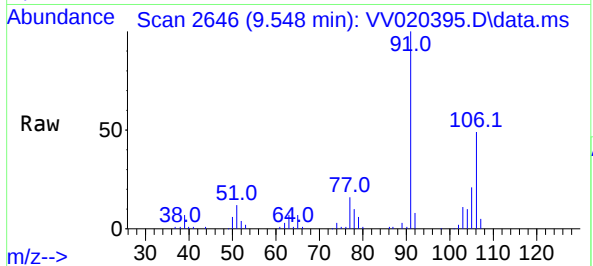




#54
o-Xylene
Concen: 4.32 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

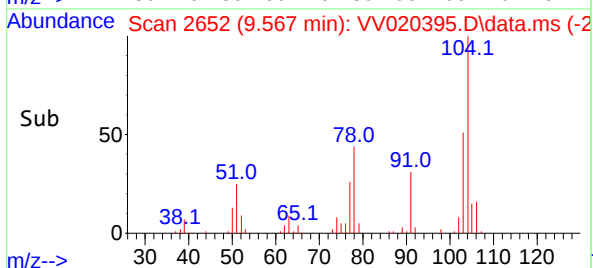
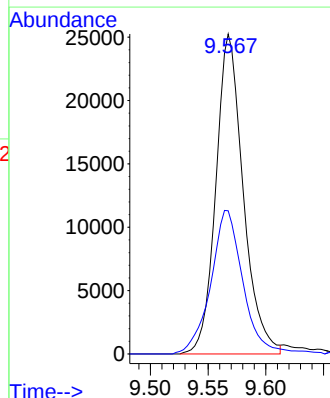
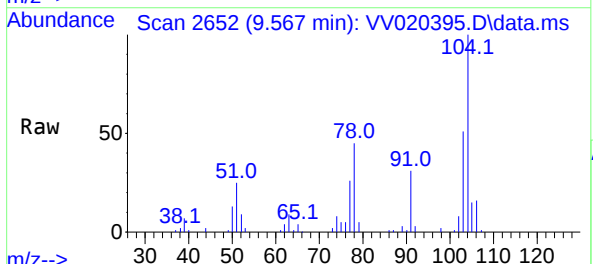
Instrument :
MSVOA_V
ClientSampleId :
VSTD005163

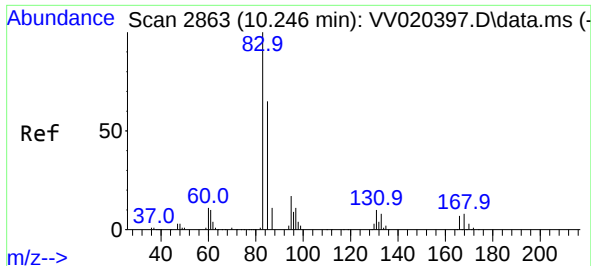
Tgt Ion:106 Resp: 27207
Ion Ratio Lower Upper
106 100
91 203.9 153.6 285.3



#55
Styrene
Concen: 3.83 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.003 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

Tgt Ion:104 Resp: 41620
Ion Ratio Lower Upper
104 100
78 44.8 31.6 58.8

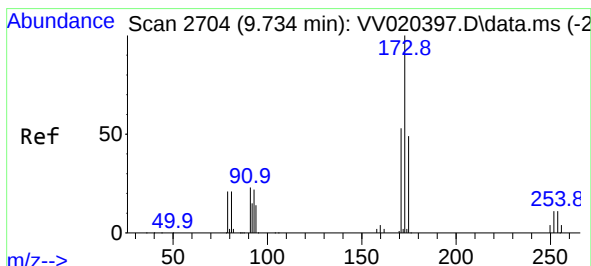
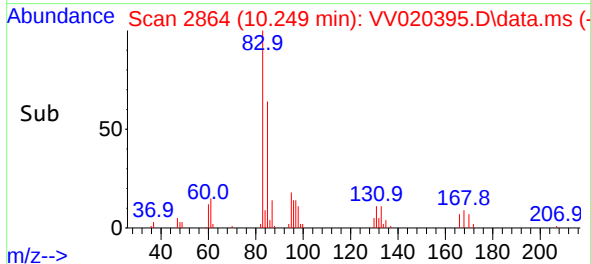
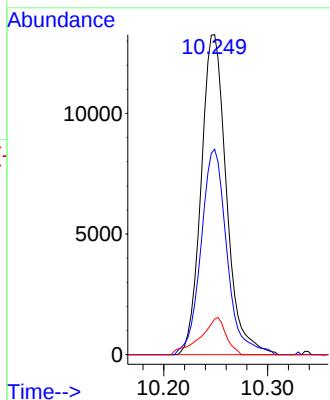
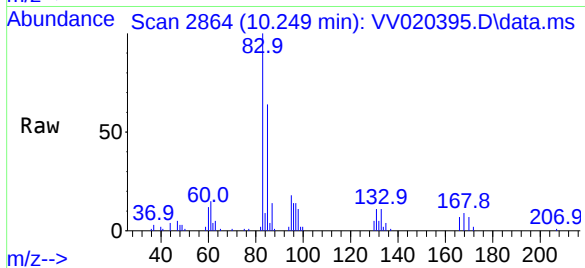




#57
1,1,2,2-Tetrachloroethane
Concen: 3.81 ug/L
RT: 10.249 min Scan# 2864
Delta R.T. 0.003 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

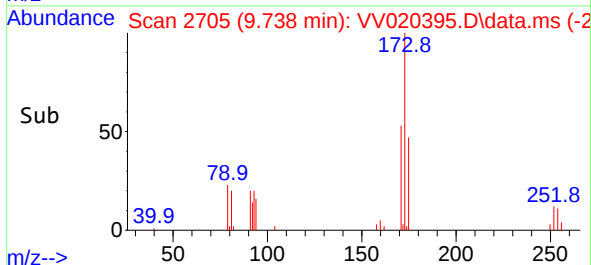
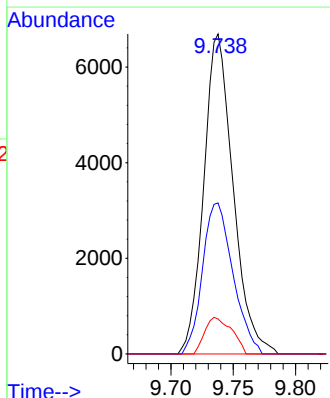
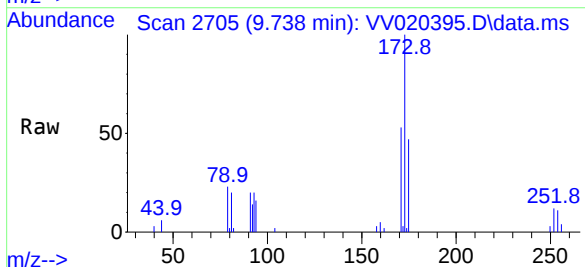
Instrument :
MSVOA_V
ClientSampleId :
VSTD005163

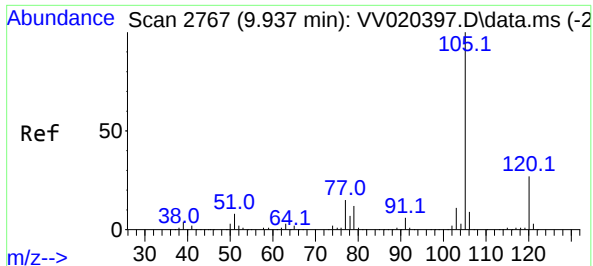
Tgt Ion:	83	Resp:	22433
Ion	Ratio	Lower	Upper
83	100		
85	64.2	45.4	84.4
131	11.1	8.6	12.8



#59
Bromoform
Concen: 3.61 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.003 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

Tgt Ion:	173	Resp:	10955
Ion	Ratio	Lower	Upper
173	100		
175	49.0	39.0	58.6
254	10.5	9.5	14.3

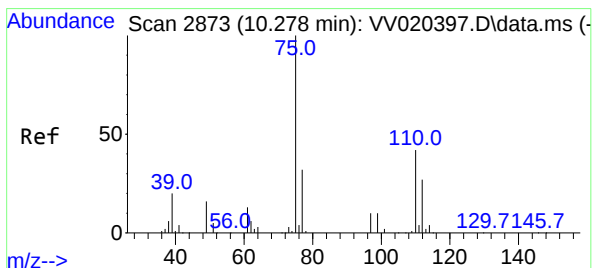
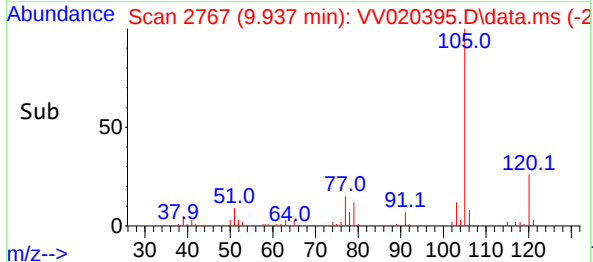
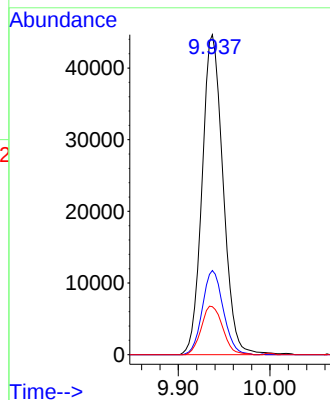
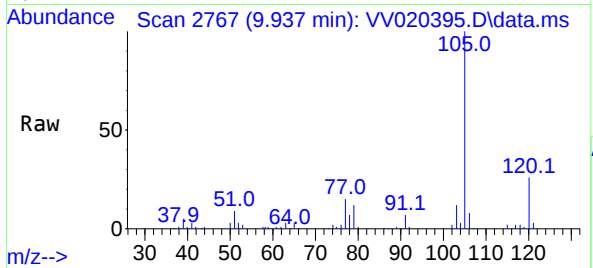




#60
Isopropylbenzene
Concen: 4.40 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

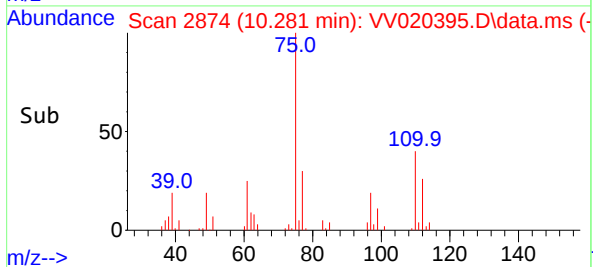
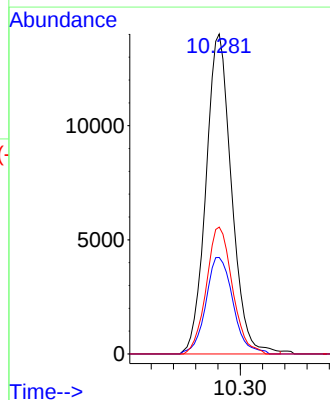
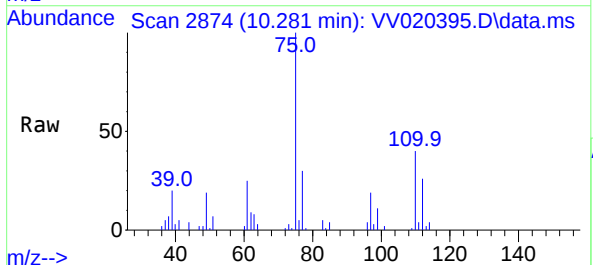
Instrument :
MSVOA_V
ClientSampleId :
VSTD005163

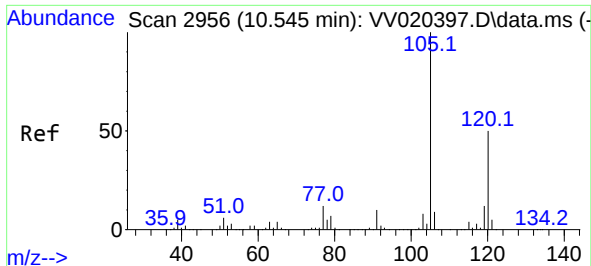
Tgt Ion:	105	Resp:	70993
Ion	Ratio	Lower	Upper
105	100		
120	26.2	21.2	31.8
77	15.5	11.8	17.6



#61
1,2,3-Trichloropropane
Concen: 4.96 ug/L
RT: 10.281 min Scan# 2874
Delta R.T. 0.003 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

Tgt Ion:	75	Resp:	22316
Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.7	38.5
110	40.6	33.3	49.9

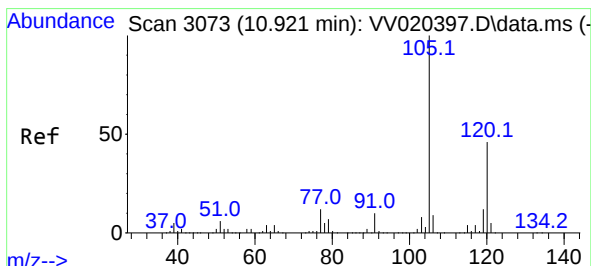
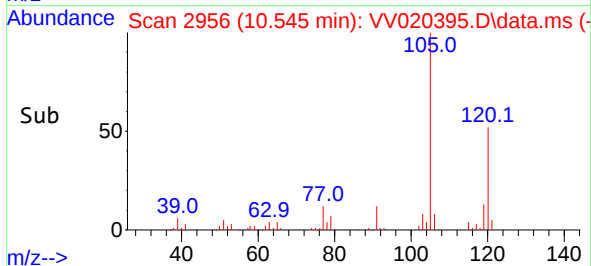
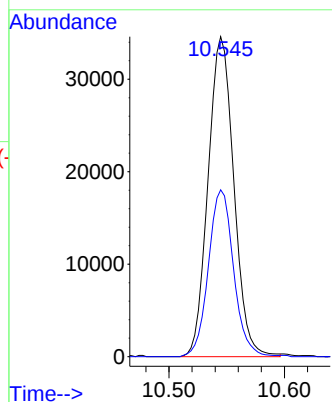
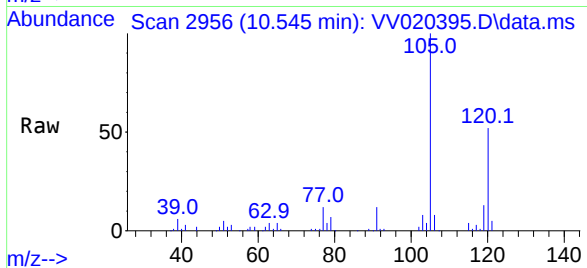




#62
1,3,5-Trimethylbenzene
Concen: 3.92 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.000 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

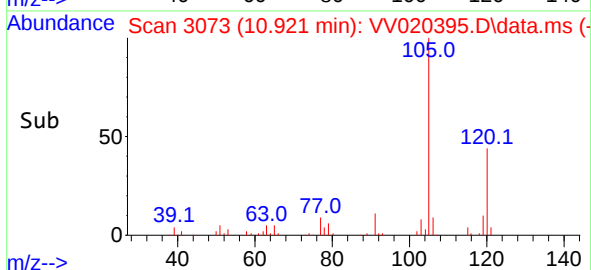
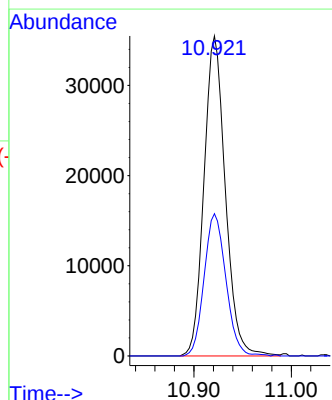
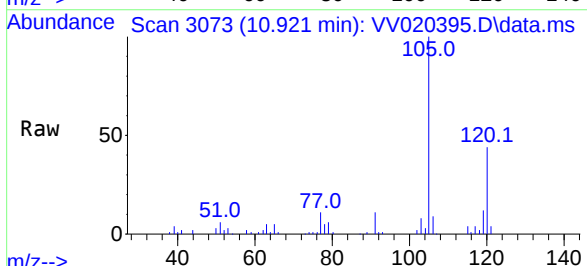
Instrument :
MSVOA_V
ClientSampleId :
VSTD005163

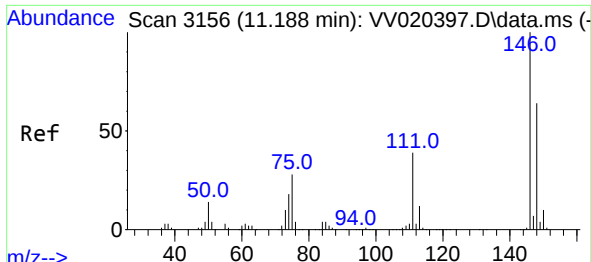
Tgt Ion:105 Resp: 53668
Ion Ratio Lower Upper
105 100
120 51.0 39.9 59.9



#63
1,2,4-Trimethylbenzene
Concen: 4.00 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.000 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

Tgt Ion:105 Resp: 54062
Ion Ratio Lower Upper
105 100
120 45.3 37.0 55.6

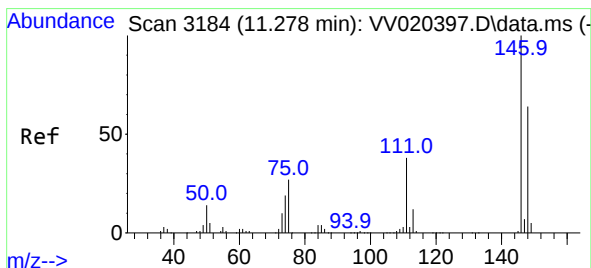
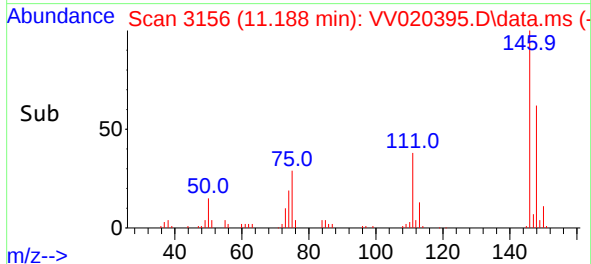
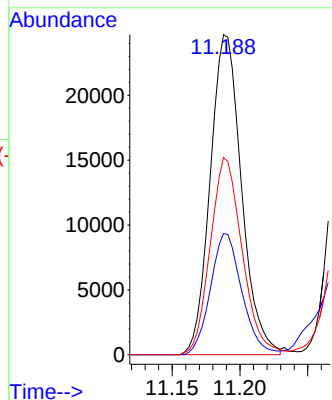
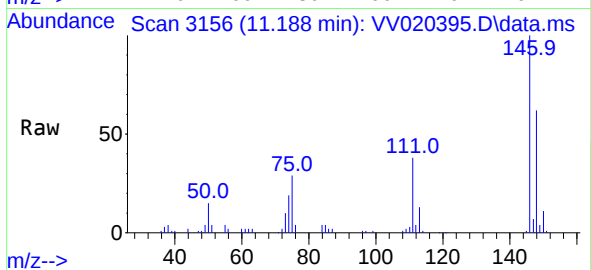




#64
1,3-Dichlorobenzene
Concen: 4.86 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.000 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

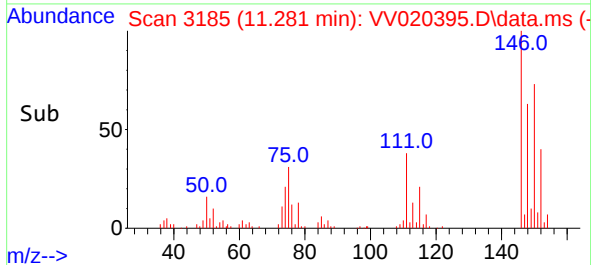
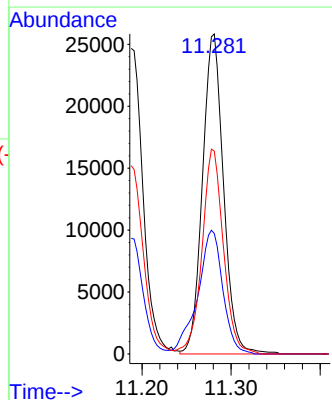
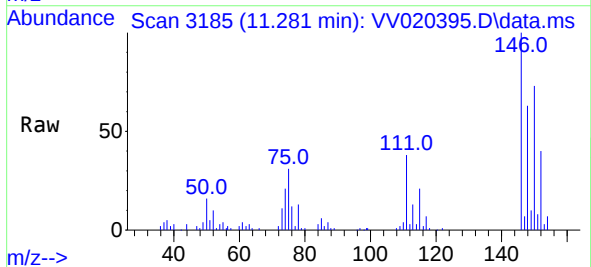
Instrument :
MSVOA_V
ClientSampled :
VSTD005163

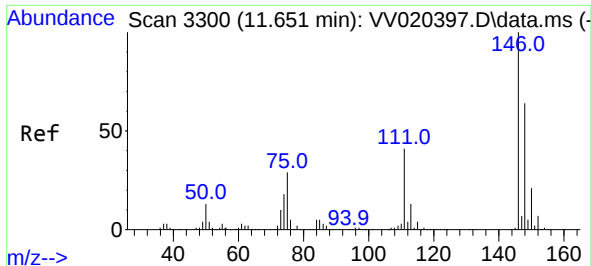
Tgt Ion:146 Resp: 39671
Ion Ratio Lower Upper
146 100
111 37.8 27.4 51.0
148 61.6 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 5.04 ug/L
RT: 11.281 min Scan# 3185
Delta R.T. 0.003 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

Tgt Ion:146 Resp: 42384
Ion Ratio Lower Upper
146 100
111 37.7 26.1 48.5
148 63.4 44.6 82.8



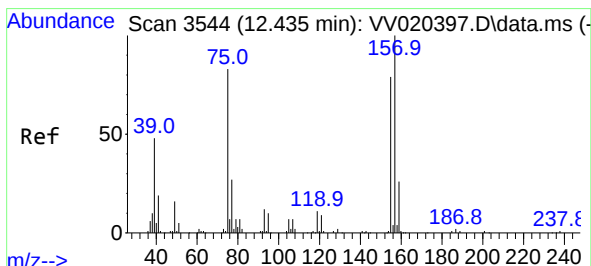
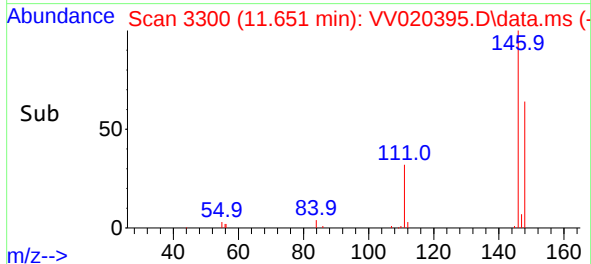
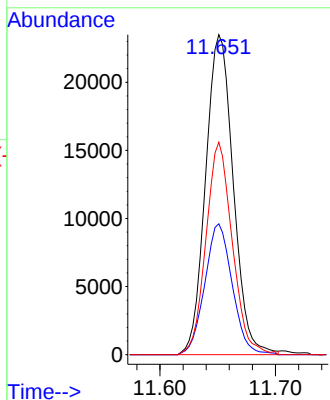
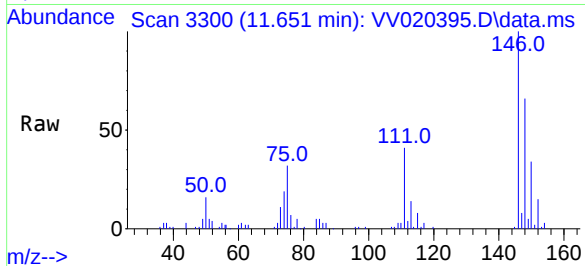


#67
1,2-Dichlorobenzene
Concen: 4.76 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.000 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

Instrument :
MSVOA_V
ClientSampleId :
VSTD005163

Tgt Ion:146 Resp: 39122

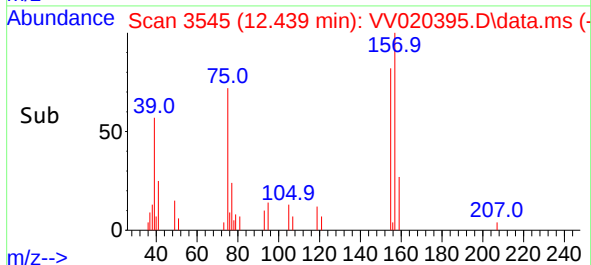
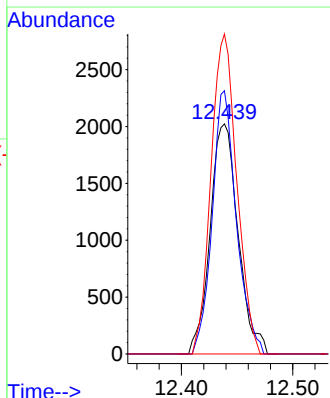
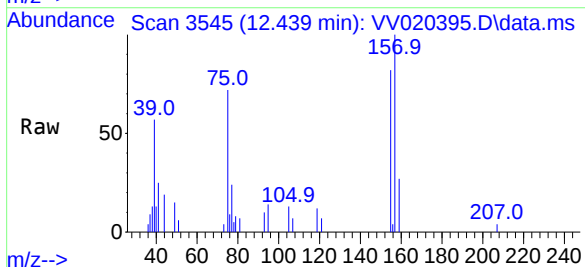
Ion	Ratio	Lower	Upper
146	100		
111	40.9	32.4	48.6
148	66.4	51.0	76.4

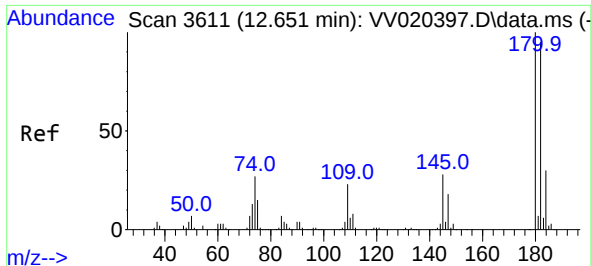


#68
1,2-Dibromo-3-chloropropane
Concen: 2.78 ug/L
RT: 12.439 min Scan# 3545
Delta R.T. 0.003 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

Tgt Ion: 75 Resp: 3527

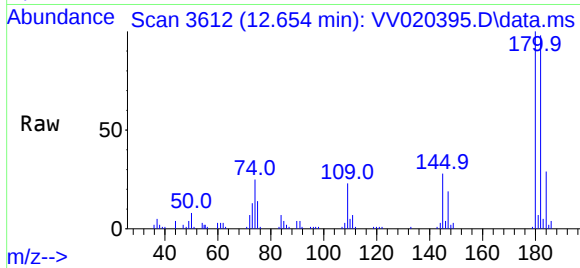
Ion	Ratio	Lower	Upper
75	100		
155	114.4	74.1	111.1#
157	139.1	95.8	143.8



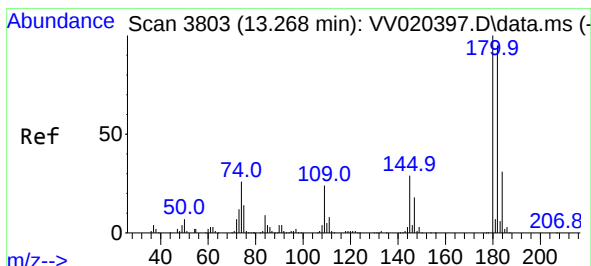
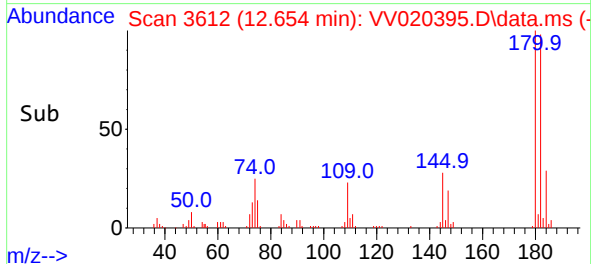
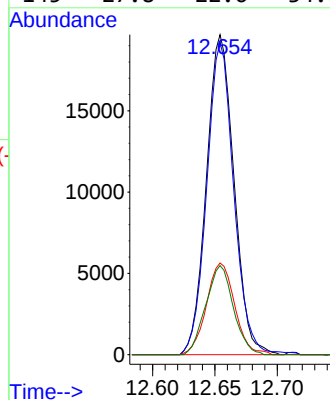


#69
1,3,5-Trichlorobenzene
Concen: 4.45 ug/L
RT: 12.654 min Scan# 3612
Delta R.T. 0.003 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

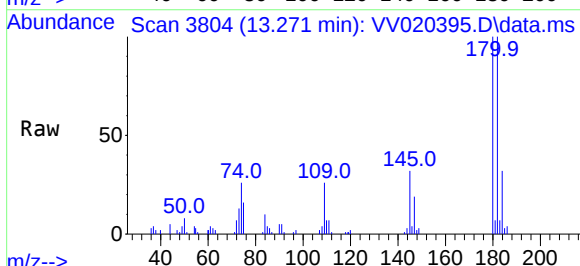
Instrument :
MSVOA_V
ClientSampleId :
VSTD005163



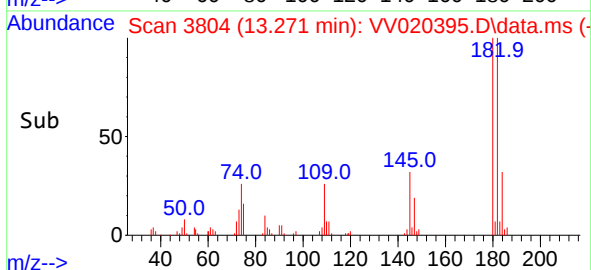
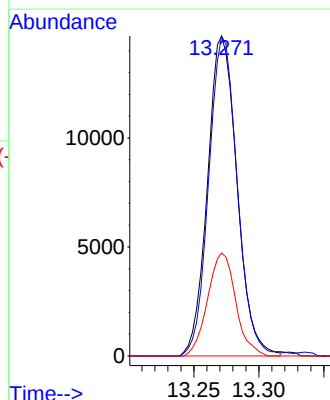
Tgt Ion:180 Resp: 30256
Ion Ratio Lower Upper
180 100
182 95.9 76.1 114.1
184 29.5 24.1 36.1
145 27.8 22.6 34.0

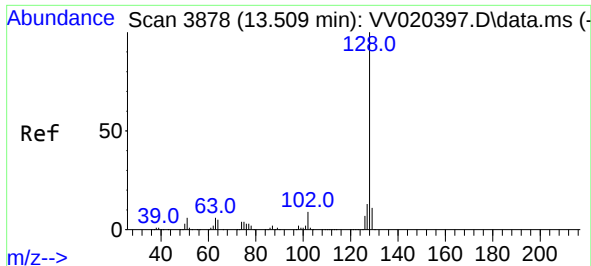


#70
1,2,4-trichlorobenzene
Concen: 3.73 ug/L
RT: 13.271 min Scan# 3804
Delta R.T. 0.003 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46



Tgt Ion:180 Resp: 23128
Ion Ratio Lower Upper
180 100
182 96.2 77.1 115.7
145 30.7 23.4 35.2

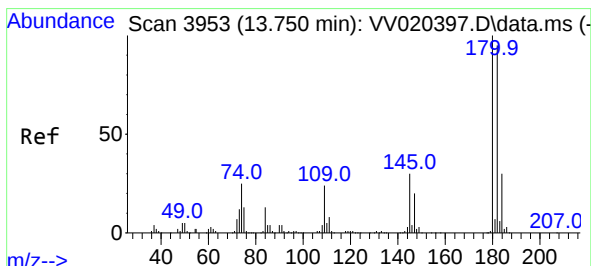
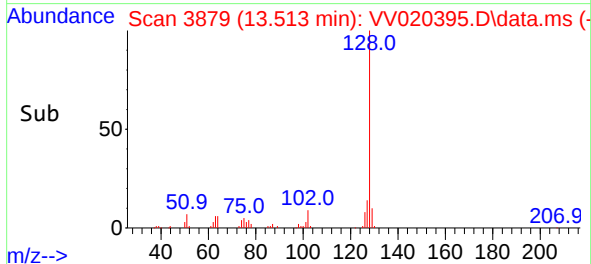
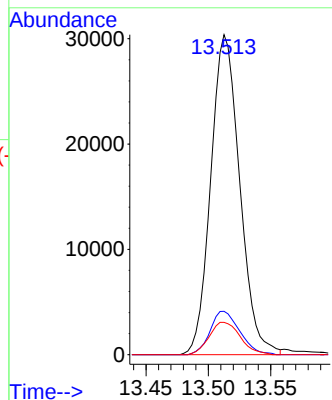
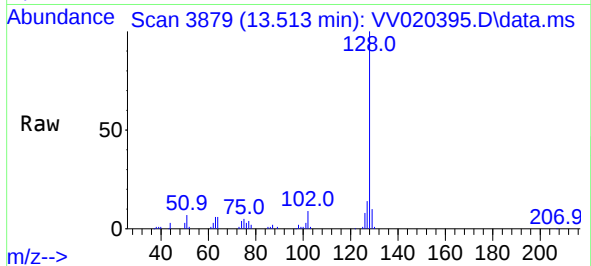




#71
Naphthalene
Concen: 2.81 ug/L
RT: 13.513 min Scan# 3879
Delta R.T. 0.003 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

Instrument :
MSVOA_V
ClientSampleId :
VSTD005163

Tgt Ion:	128	Resp:	49224
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.3	15.5
129	10.9	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 3.71 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. 0.003 min
Lab File: VV020395.D
Acq: 24 Feb 2021 14:46

Tgt Ion:	180	Resp:	22995
Ion Ratio	Lower	Upper	
180	100		
182	95.8	76.6	114.8
145	31.6	24.5	36.7

