

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030121\
 Data File : VW020424.D
 Acq On : 01 Mar 2021 13:33
 Operator : SY/MD
 Sample : M1344-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2021-04

Quant Time: Mar 02 00:16:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 02 00:15:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	546737	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	537644	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	275454	50.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	126244	46.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.32%
7) Chloroethane-d5	1.568	69	119462	49.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.82%
11) 1,1-Dichloroethene-d2	2.108	63	200516	35.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.84%
21) 2-Butanone-d5	3.886	46	216716	106.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.40%
24) Chloroform-d	4.352	84	303155	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.02%
26) 1,2-Dichloroethane-d4	5.034	65	202722	51.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.74%
32) Benzene-d6	5.053	84	611039	52.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.34%
36) 1,2-Dichloropropane-d6	6.072	67	193641	52.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.62%
41) Toluene-d8	7.320	98	568337	50.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.80%
43) trans-1,3-Dichloroprop...	7.625	79	87256	49.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.66%
47) 2-Hexanone-d5	8.091	63	142001	97.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.70%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	254553	48.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.92%
66) 1,2-Dichlorobenzene-d4	11.631	152	262928	54.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.26%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	9341	2.10	ug/L	99
3) Chloromethane	1.243	50	8785	2.29	ug/L	97
5) Vinyl chloride	1.310	62	9480	2.28	ug/L #	78
6) Bromomethane	1.526	94	6546	2.40	ug/L	95
8) Chloroethane	1.587	64	5661	2.23	ug/L	97
9) Trichlorofluoromethane	1.754	101	13463	2.17	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	9293	2.73	ug/L #	81
12) 1,1-Dichloroethene	2.121	96	8601	2.71	ug/L #	1
13) Acetone	2.178	43	7842	5.23	ug/L	100
14) Carbon disulfide	2.297	76	17371	2.09	ug/L	99
15) Methyl Acetate	2.442	43	6441	2.06	ug/L	97
16) Methylene chloride	2.510	84	8808	2.44	ug/L	94
17) trans-1,2-Dichloroethene	2.764	96	7460	2.25	ug/L	88
18) Methyl tert-butyl Ether	2.773	73	20000	2.00	ug/L	99
19) 1,1-Dichloroethane	3.194	63	12899	2.14	ug/L	99
20) cis-1,2-Dichloroethene	3.921	96	7773	2.12	ug/L	87
23) Bromochloromethane	4.262	128	4331	2.19	ug/L #	85
25) Chloroform	4.381	83	25204	3.82	ug/L	98
27) 1,2-Dichloroethane	5.149	62	10468	2.14	ug/L	99
29) Cyclohexane	4.683	56	8821	1.85	ug/L	86

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 Response via : Initial Calibration

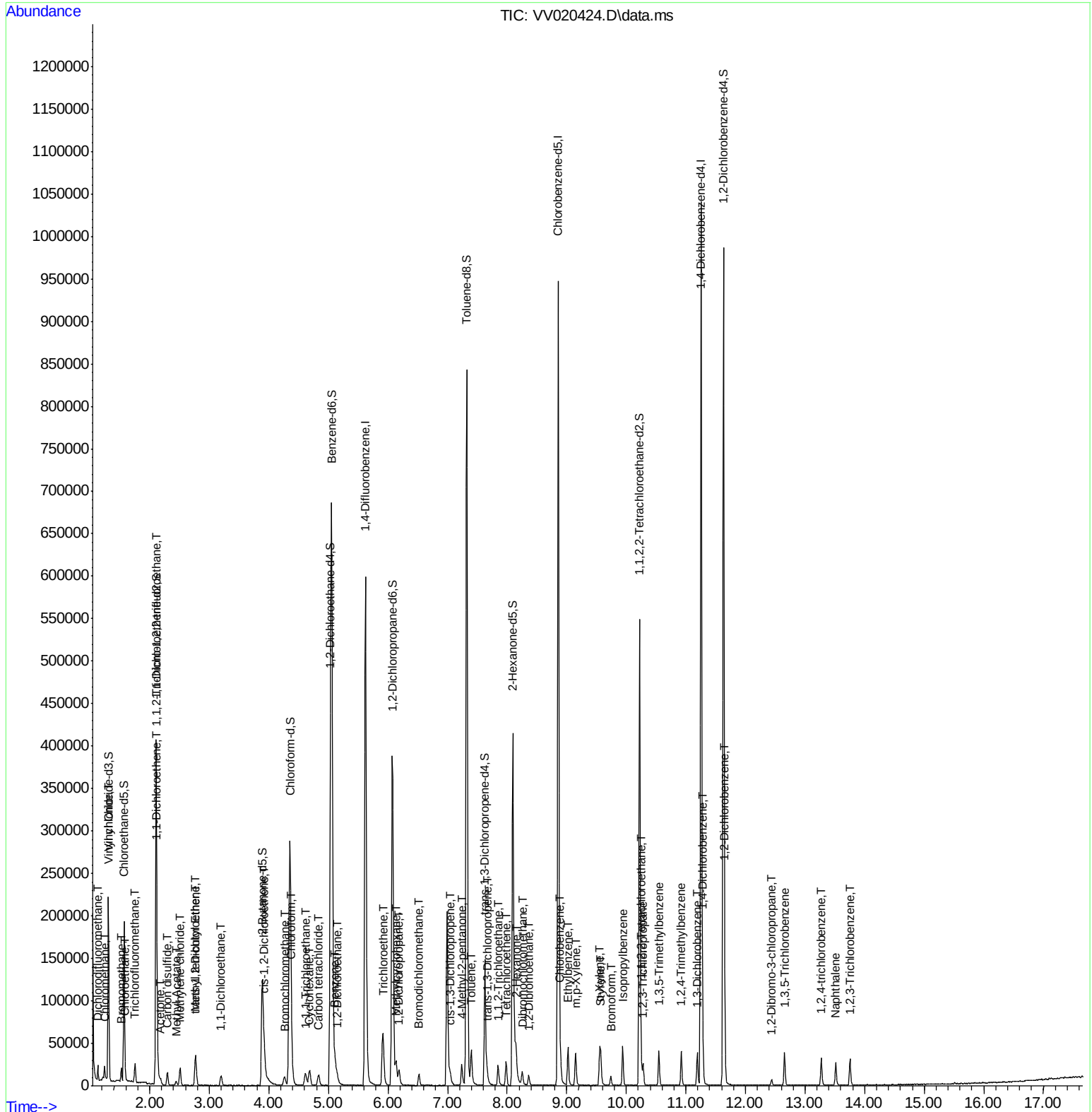
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	4.612	97	12305	2.18	ug/L #	71
31) Carbon tetrachloride	4.834	117	9978	2.03	ug/L	95
33) Benzene	5.104	78	27821	2.06	ug/L	100
34) Trichloroethene	5.921	95	9292	2.37	ug/L	97
35) Methylcyclohexane	6.136	83	11157	2.12	ug/L	94
37) 1,2-Dichloropropane	6.188	63	7858	2.29	ug/L #	97
38) Bromodichloromethane	6.519	83	9697	2.06	ug/L #	93
39) cis-1,3-Dichloropropene	7.040	75	10850	2.08	ug/L	93
40) 4-Methyl-2-pentanone	7.236	43	16188	3.81	ug/L	96
42) Toluene	7.397	91	31881	2.16	ug/L	97
44) trans-1,3-Dichloropropene	7.661	75	10334	2.03	ug/L	98
45) 1,1,2-Trichloroethane	7.847	97	7603	2.11	ug/L	98
46) Tetrachloroethene	7.985	164	7037	2.23	ug/L	97
48) 2-Hexanone	8.146	43	28122	8.57	ug/L	92
49) Dibromochloromethane	8.252	129	8037	2.07	ug/L	93
50) 1,2-Dibromoethane	8.361	107	8185	2.14	ug/L	97
51) Chlorobenzene	8.889	112	21645	2.10	ug/L	97
52) Ethylbenzene	9.021	91	32441	1.98	ug/L	97
53) m,p-Xylene	9.149	106	12237	1.96	ug/L	92
54) o-Xylene	9.551	106	10832	1.76	ug/L	99
55) Styrene	9.570	104	18180	1.72	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	12072	2.28	ug/L #	95
59) Bromoform	9.741	173	5079	1.97	ug/L	99
60) Isopropylbenzene	9.937	105	29278	1.94	ug/L	99
61) 1,2,3-Trichloropropane	10.281	75	10217	2.36	ug/L	99
62) 1,3,5-Trimethylbenzene	10.548	105	22557	1.82	ug/L	99
63) 1,2,4-Trimethylbenzene	10.921	105	22592	1.78	ug/L	100
64) 1,3-Dichlorobenzene	11.191	146	16637	2.09	ug/L	97
65) 1,4-Dichlorobenzene	11.278	146	18231	2.21	ug/L	97
67) 1,2-Dichlorobenzene	11.651	146	18856	2.38	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.435	75	1812	1.80	ug/L	96
69) 1,3,5-Trichlorobenzene	12.654	180	13274	2.14	ug/L	98
70) 1,2,4-trichlorobenzene	13.271	180	9995	1.86	ug/L	96
71) Naphthalene	13.516	128	21888	1.47	ug/L	99
72) 1,2,3-Trichlorobenzene	13.757	180	10164	1.88	ug/L	99

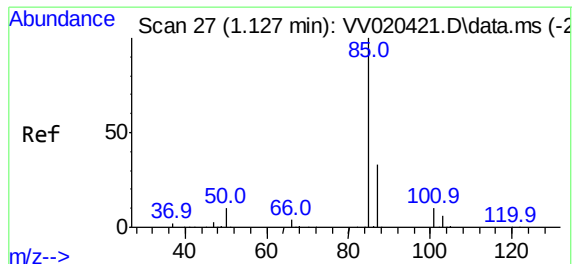
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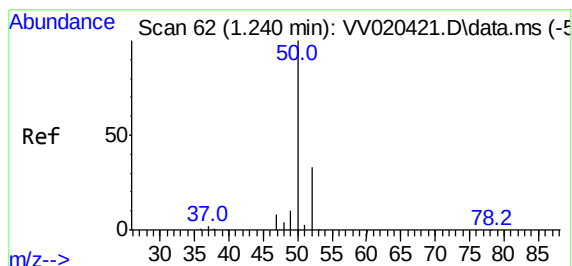
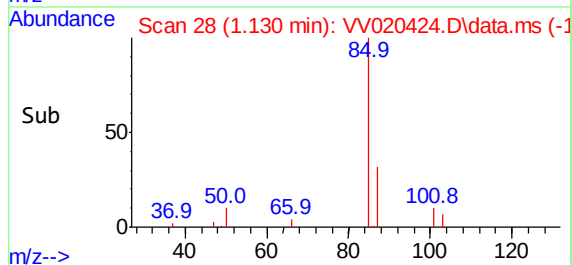
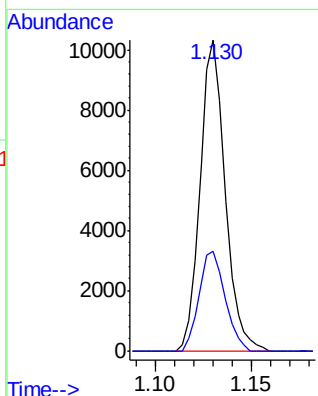
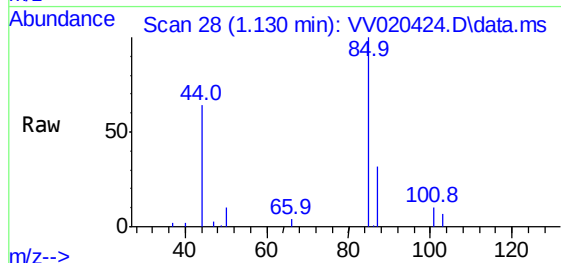




#2
Dichlorodifluoromethane
Concen: 2.10 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.003 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

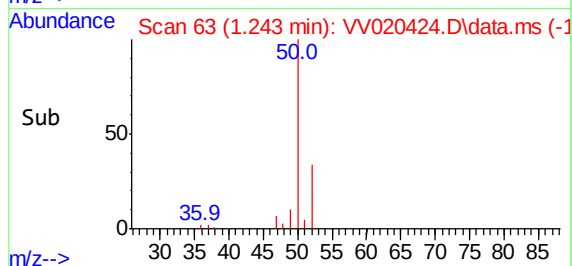
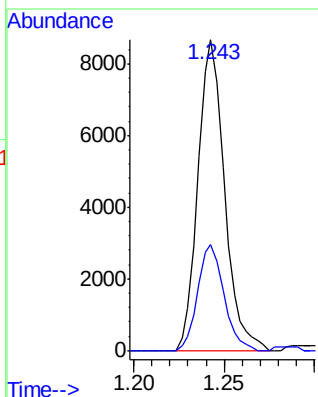
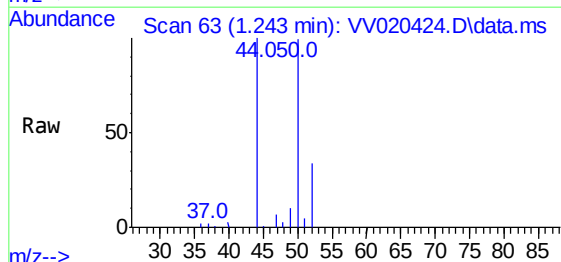
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ClientSampleId :
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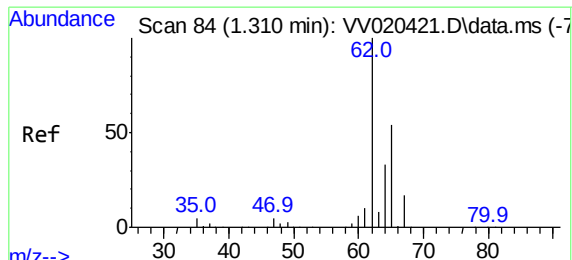
Tgt Ion: 85 Resp: 9341
Ion Ratio Lower Upper
85 100
87 33.2 26.2 39.2



#3
Chloromethane
Concen: 2.29 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.003 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 50 Resp: 8785
Ion Ratio Lower Upper
50 100
52 34.3 22.9 42.5

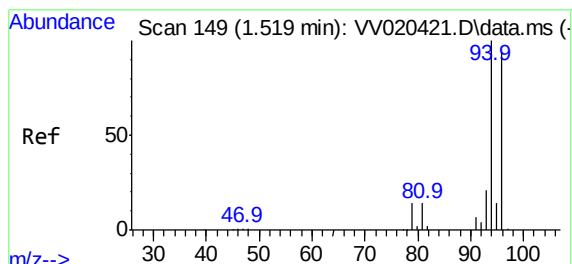
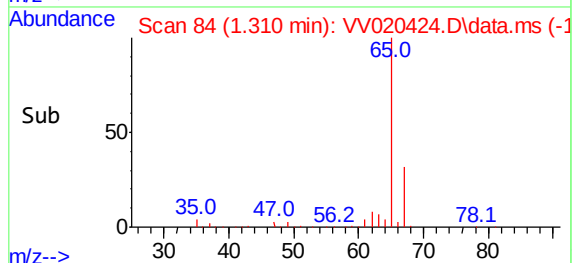
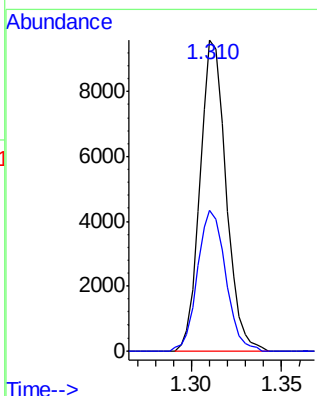
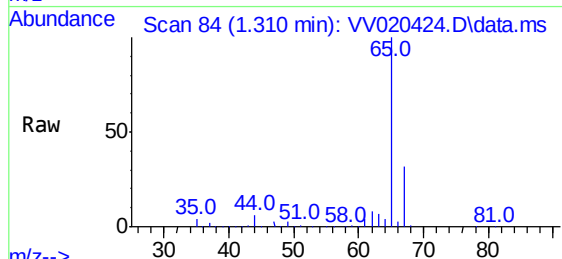




#5
 Vinyl chloride
 Concen: 2.28 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV020424.D
 Acq: 01 Mar 2021 13:33

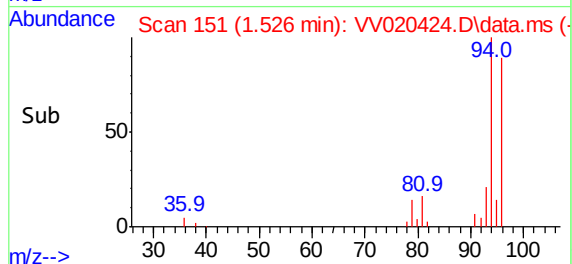
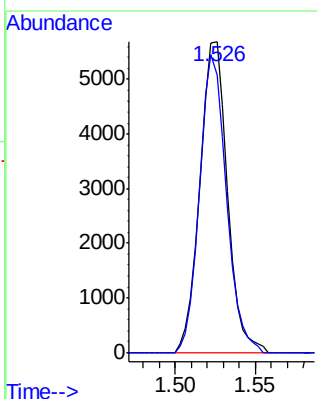
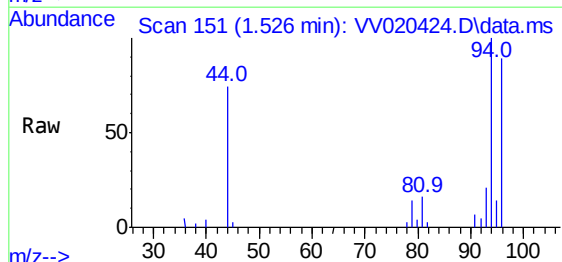
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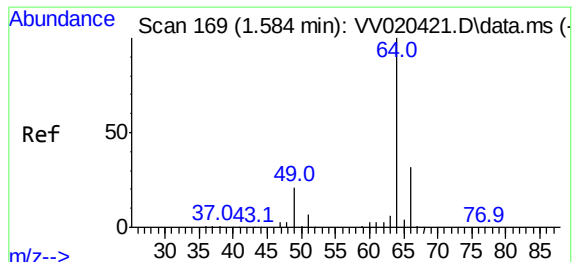
Tgt Ion: 62 Resp: 9480
 Ion Ratio Lower Upper
 62 100
 64 45.2 23.1 42.9#



#6
 Bromomethane
 Concen: 2.40 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.006 min
 Lab File: VV020424.D
 Acq: 01 Mar 2021 13:33

Tgt Ion: 94 Resp: 6546
 Ion Ratio Lower Upper
 94 100
 96 89.4 65.9 122.5

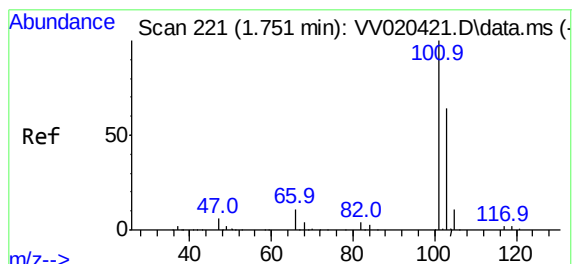
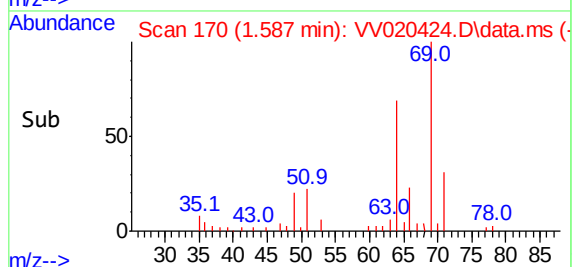
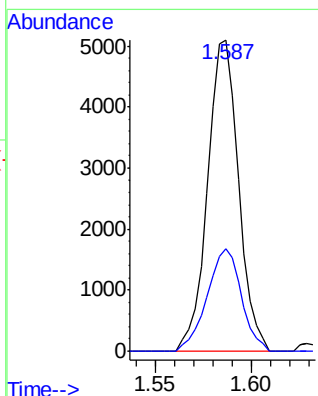
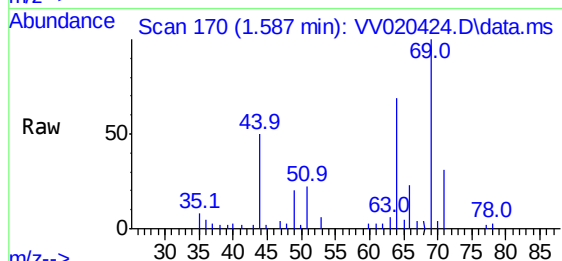




#8
Chloroethane
Concen: 2.23 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.003 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

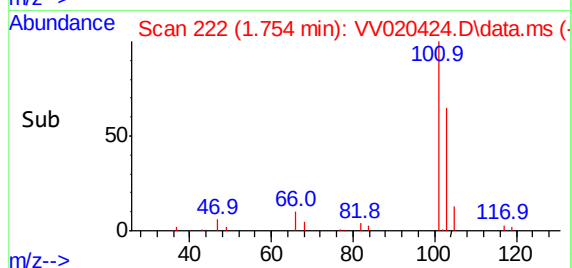
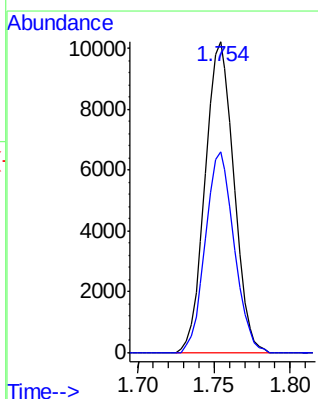
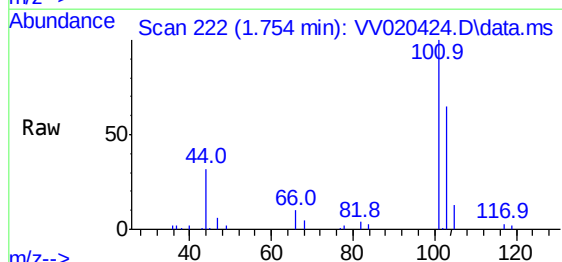
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

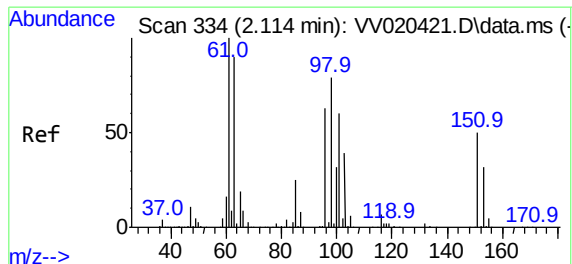
Tgt Ion: 64 Resp: 5661
Ion Ratio Lower Upper
64 100
66 32.7 21.8 40.4



#9
Trichlorofluoromethane
Concen: 2.17 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 101 Resp: 13463
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.6

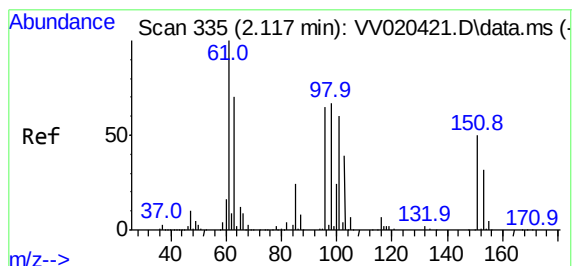
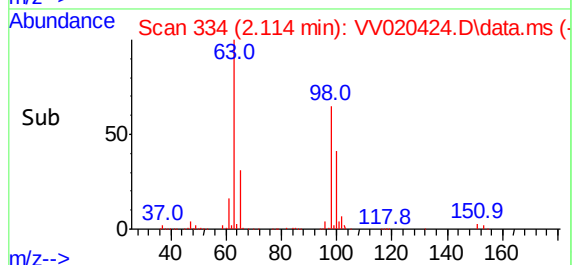
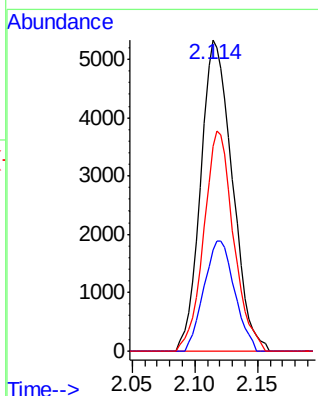
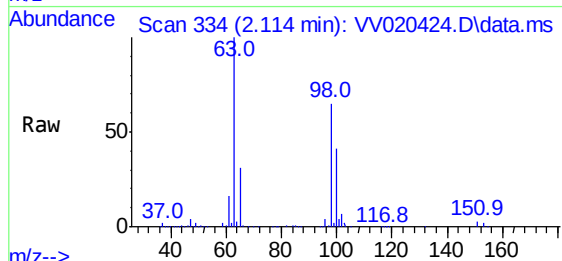




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.73 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV020424.D
 Acq: 01 Mar 2021 13:33

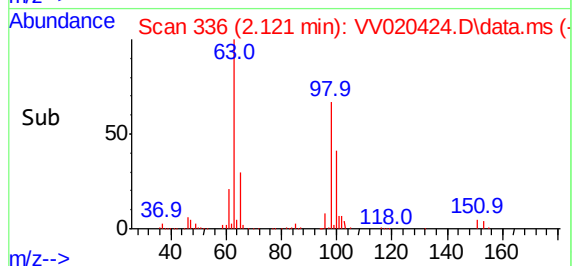
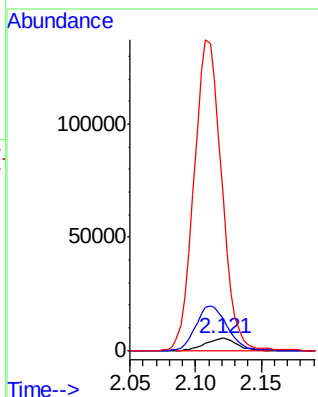
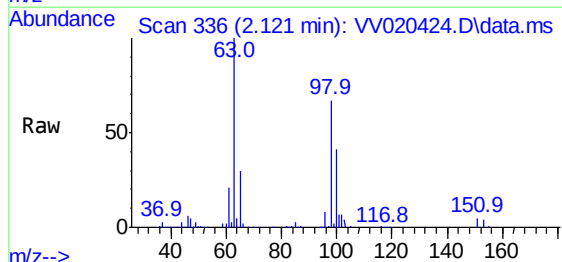
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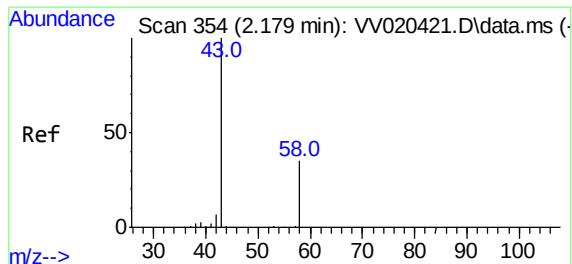
Tgt Ion:101 Resp: 9293
 Ion Ratio Lower Upper
 101 100
 85 34.4 32.4 48.6
 151 66.8 71.0 106.6#



#12
 1,1-Dichloroethene
 Concen: 2.71 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV020424.D
 Acq: 01 Mar 2021 13:33

Tgt Ion: 96 Resp: 8601
 Ion Ratio Lower Upper
 96 100
 61 260.6 110.9 206.1#
 63 1262.0 82.1 152.5#

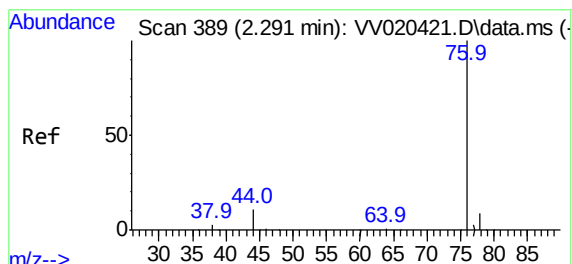
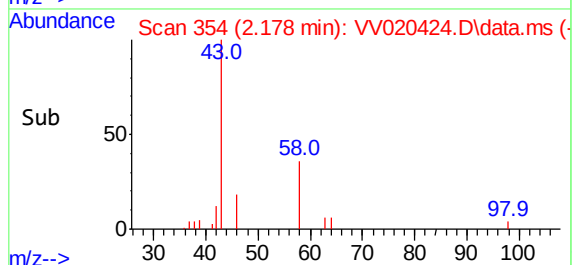
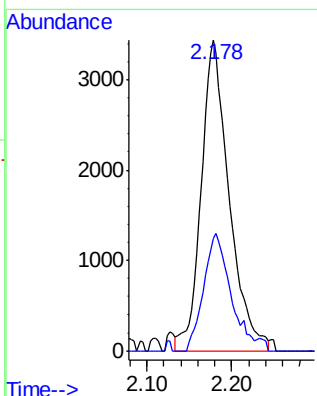
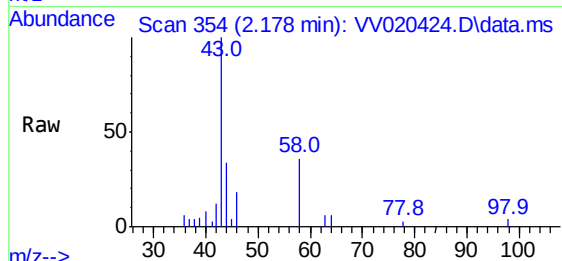




#13
Acetone
Concen: 5.23 ug/L
RT: 2.178 min Scan# 354
Delta R.T. -0.000 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

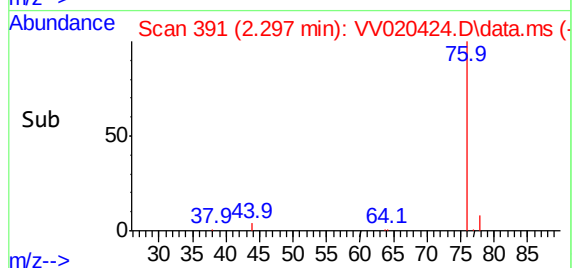
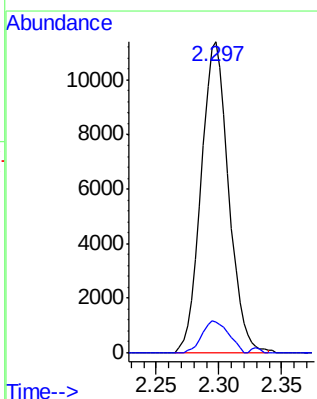
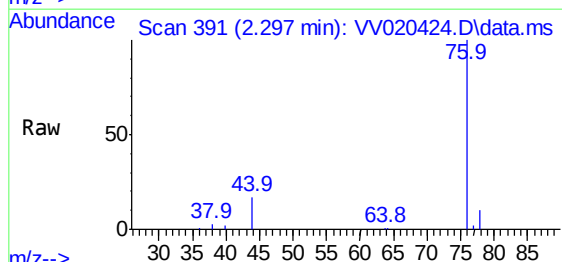
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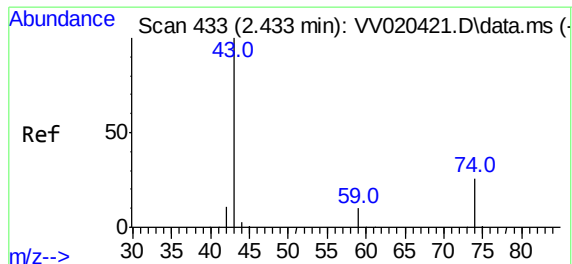
Tgt Ion: 43 Resp: 7842
Ion Ratio Lower Upper
43 100
58 33.7 0.0 68.0



#14
Carbon disulfide
Concen: 2.09 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.006 min
Lab File: VV020424.D
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Tgt Ion: 76 Resp: 17371
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2

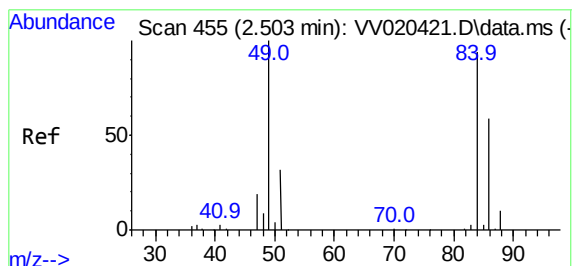
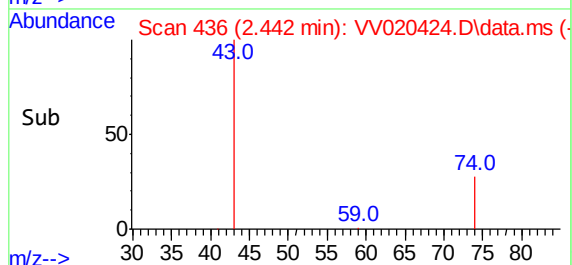
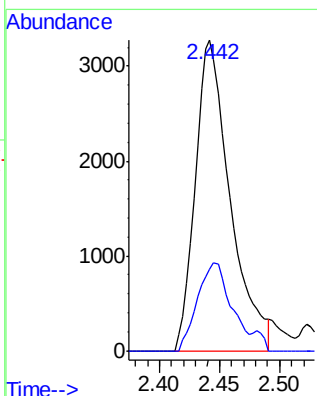
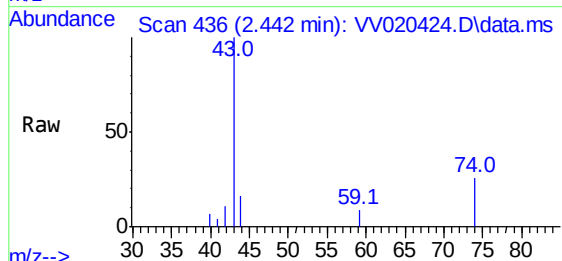




#15
Methyl Acetate
Concen: 2.06 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.009 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

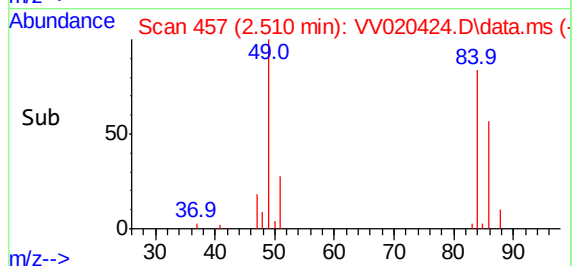
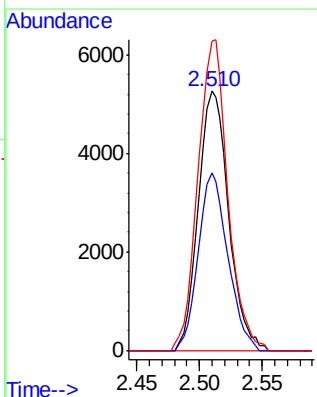
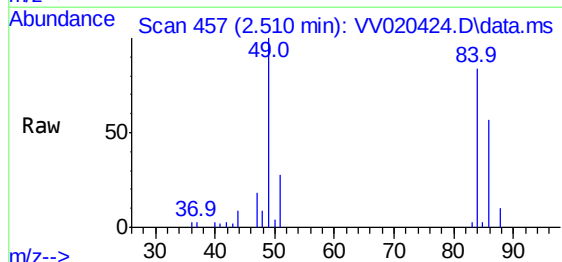
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

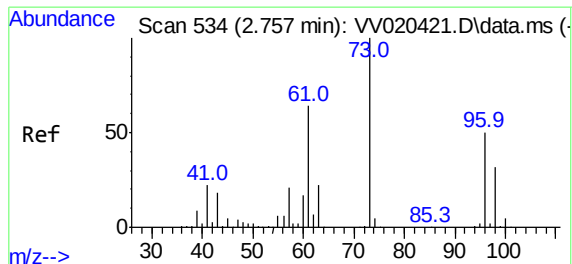
Tgt Ion: 43 Resp: 6441
Ion Ratio Lower Upper
43 100
74 27.2 20.6 30.8



#16
Methylene chloride
Concen: 2.44 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 84 Resp: 8808
Ion Ratio Lower Upper
84 100
86 68.3 44.8 83.2
49 119.4 78.5 145.7

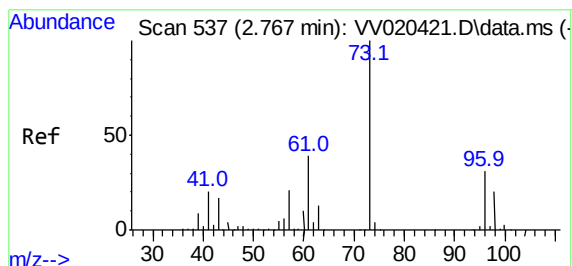
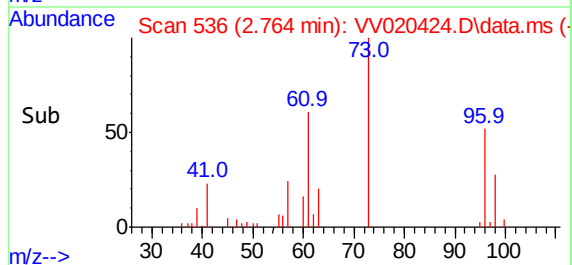
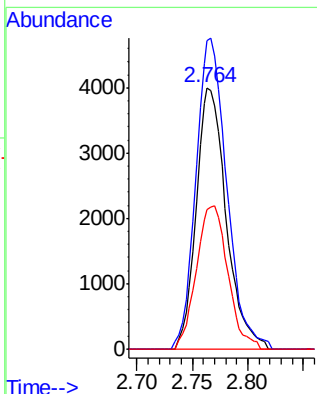
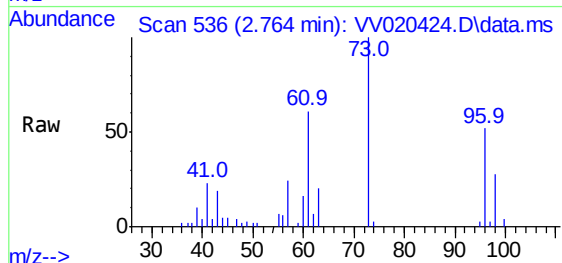




#17
trans-1,2-Dichloroethene
Concen: 2.25 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

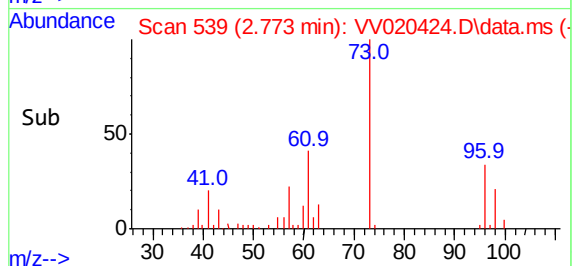
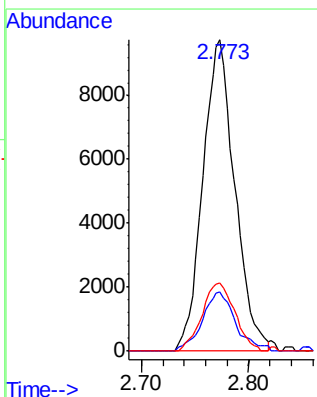
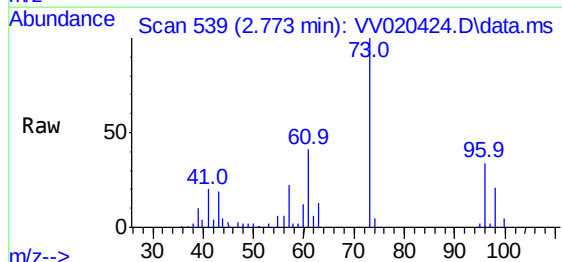
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

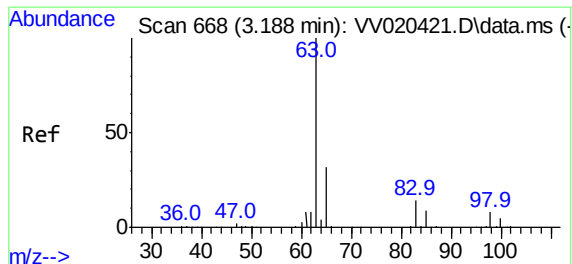
Tgt Ion: 96 Resp: 7460
Ion Ratio Lower Upper
96 100
61 118.2 92.0 170.9
98 53.2 44.2 82.2



#18
Methyl tert-butyl Ether
Concen: 2.00 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 73 Resp: 20000
Ion Ratio Lower Upper
73 100
43 19.0 15.0 22.6
57 22.1 17.2 25.8

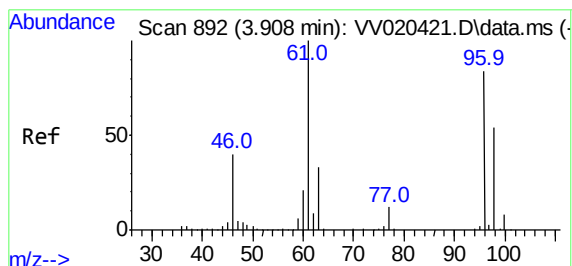
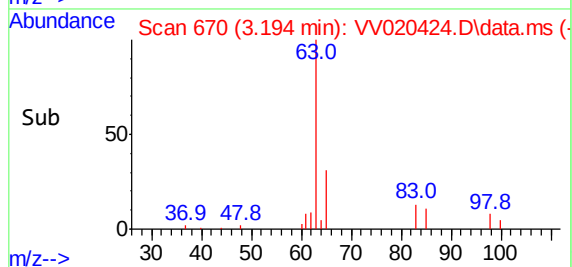
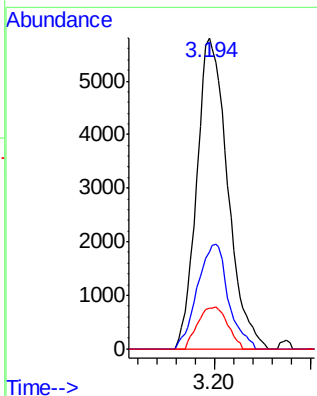
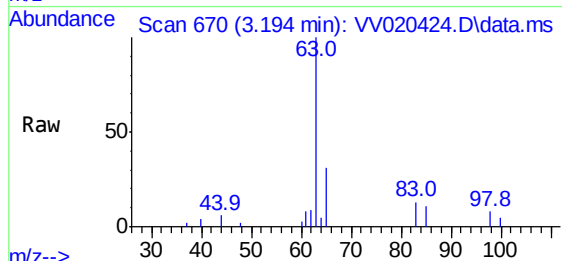




#19
1,1-Dichloroethane
Concen: 2.14 ug/L
RT: 3.194 min Scan# 670
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

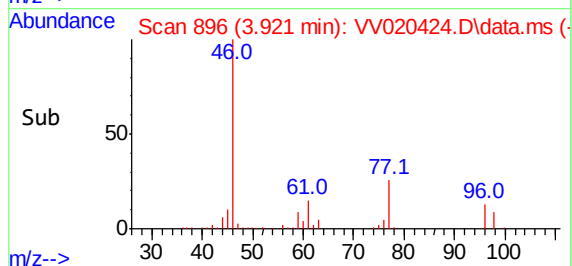
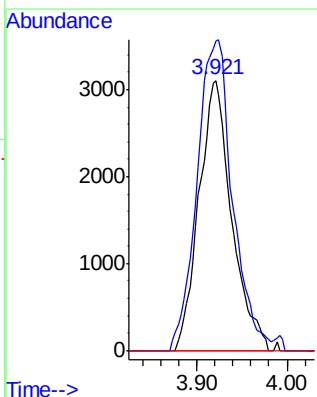
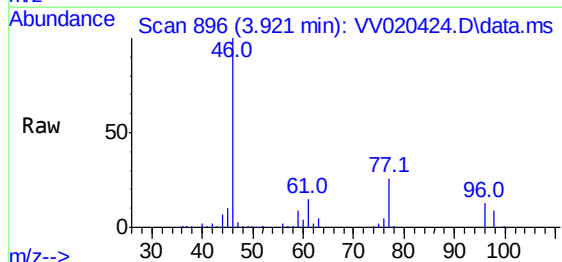
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

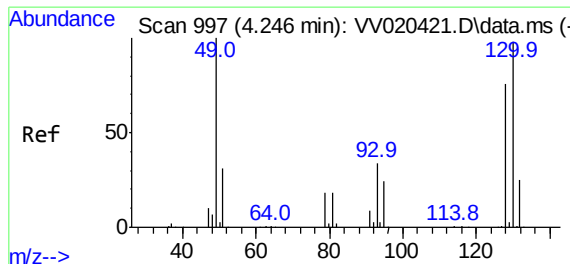
Tgt Ion: 63 Resp: 12899
Ion Ratio Lower Upper
63 100
65 31.4 21.8 40.4
83 13.2 9.4 17.4



#20
cis-1,2-Dichloroethene
Concen: 2.12 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.013 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 96 Resp: 7773
Ion Ratio Lower Upper
96 100
61 114.6 90.6 168.3
68 0.0 0.0 0.0

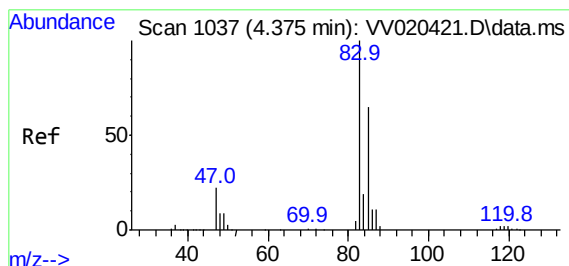
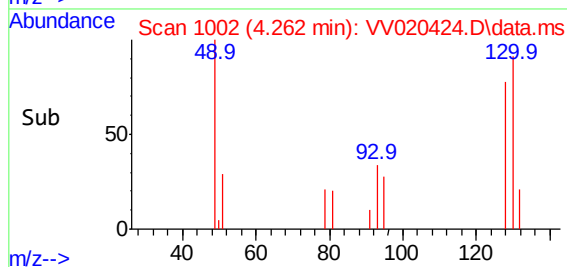
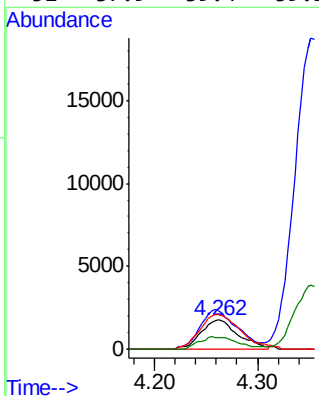
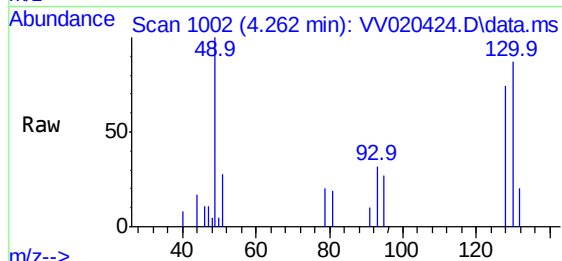




#23
Bromochloromethane
Concen: 2.19 ug/L
RT: 4.262 min Scan# 1002
Delta R.T. 0.016 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

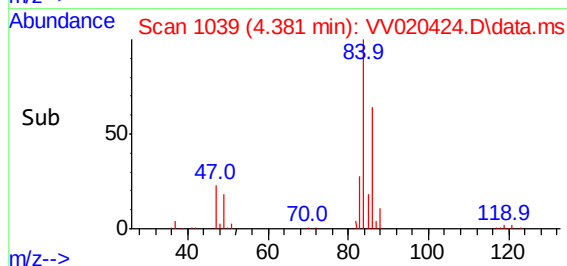
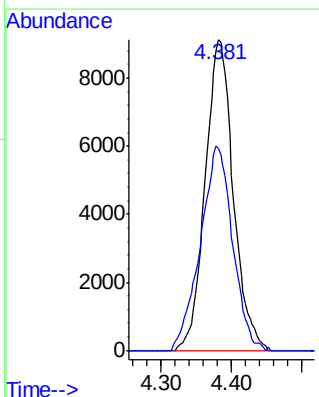
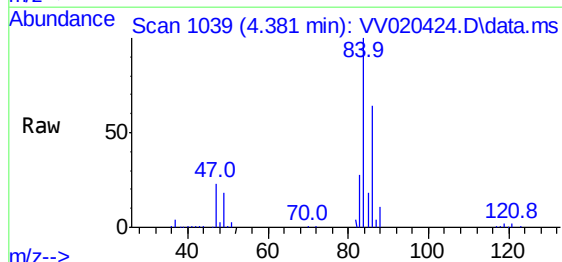
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

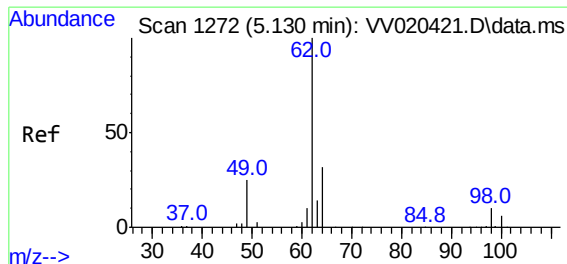
Tgt Ion:128 Resp: 4331
Ion Ratio Lower Upper
128 100
49 134.6 109.8 203.8
130 117.3 92.8 172.4
51 37.9 39.4 59.2#



#25
Chloroform
Concen: 3.82 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 83 Resp: 25204
Ion Ratio Lower Upper
83 100
85 65.1 44.6 82.8

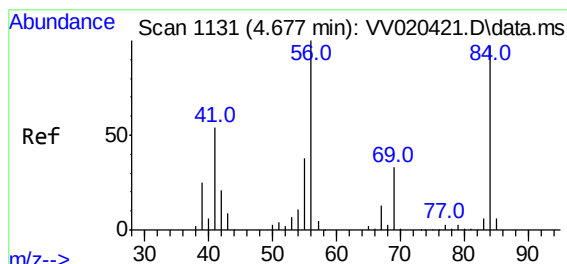
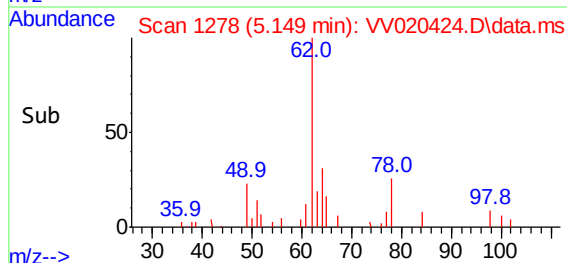
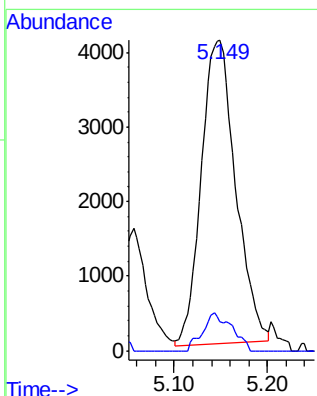
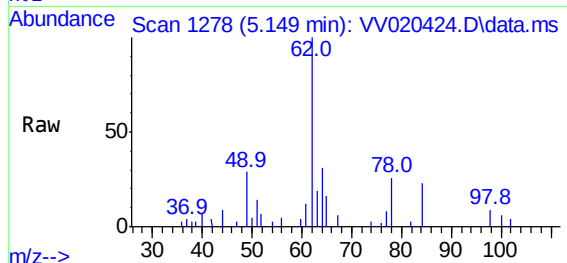




#27
1,2-Dichloroethane
Concen: 2.14 ug/L
RT: 5.149 min Scan# 1278
Delta R.T. 0.019 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

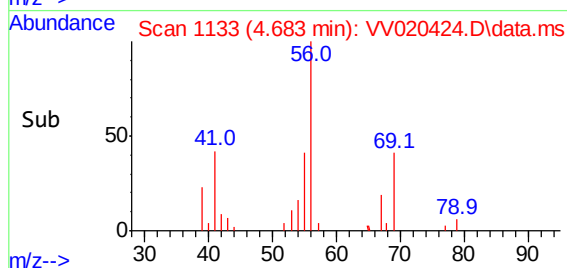
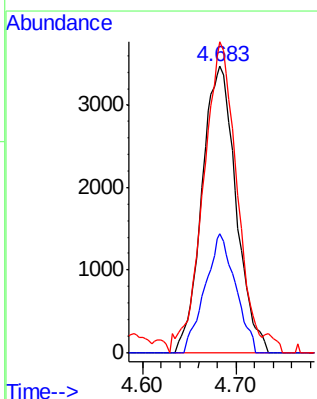
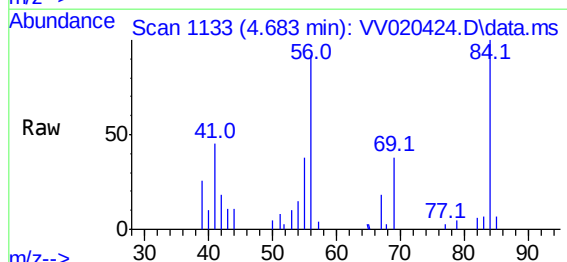
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

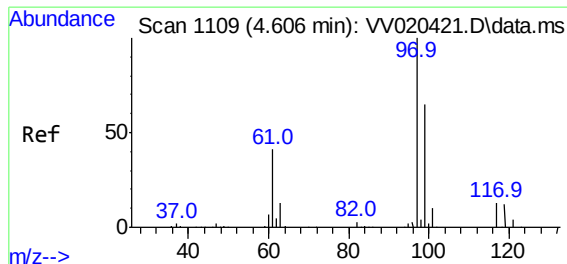
Tgt Ion: 62 Resp: 10468
Ion Ratio Lower Upper
62 100
98 9.4 7.8 11.6



#29
Cyclohexane
Concen: 1.85 ug/L
RT: 4.683 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 56 Resp: 8821
Ion Ratio Lower Upper
56 100
69 37.0 25.1 37.7
84 102.4 70.6 106.0

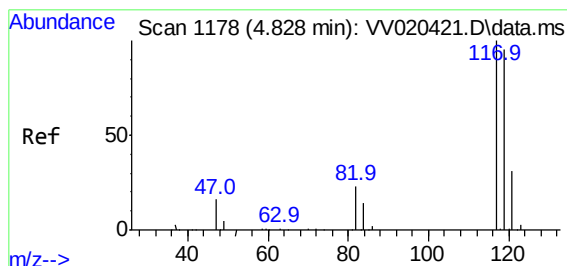
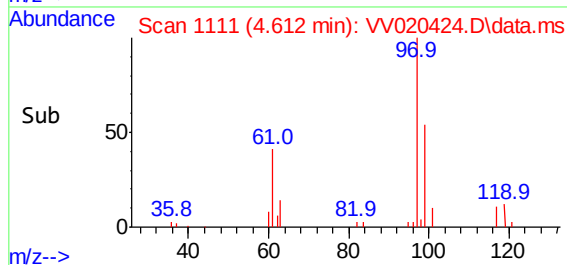
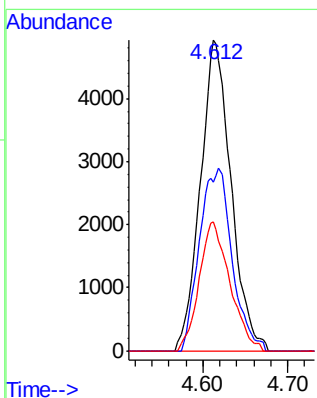
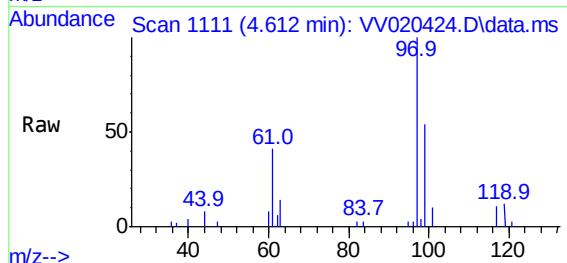




#30
1,1,1-Trichloroethane
Concen: 2.18 ug/L
RT: 4.612 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

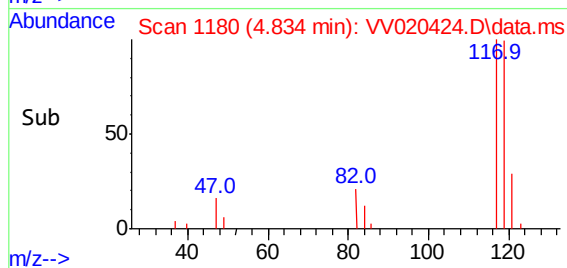
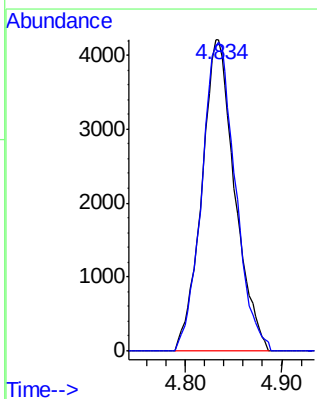
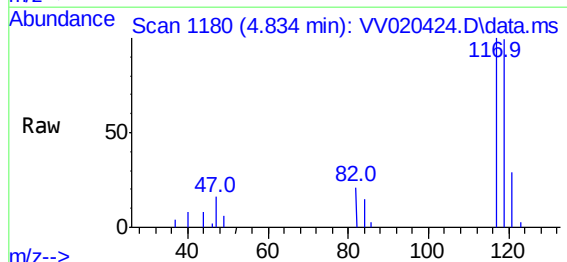
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

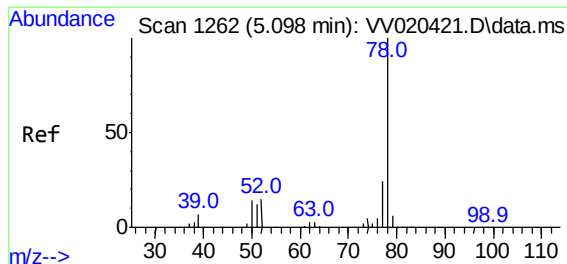
Tgt Ion: 97 Resp: 12305
Ion Ratio Lower Upper
97 100
99 29.5 51.9 77.9#
61 41.4 35.4 53.2



#31
Carbon tetrachloride
Concen: 2.03 ug/L
RT: 4.834 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 117 Resp: 9978
Ion Ratio Lower Upper
117 100
119 100.9 76.9 115.3

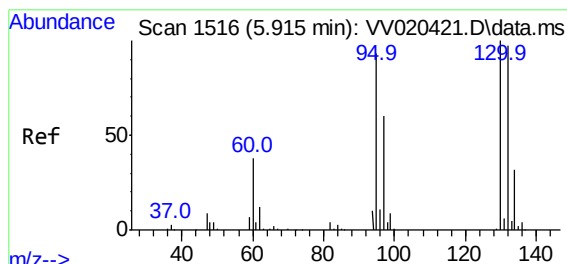
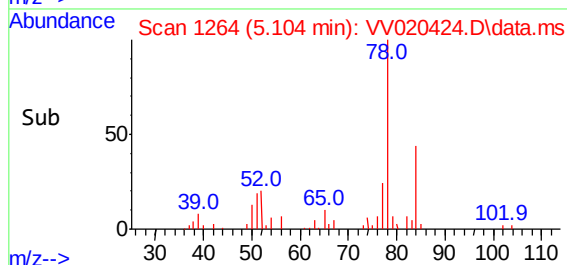
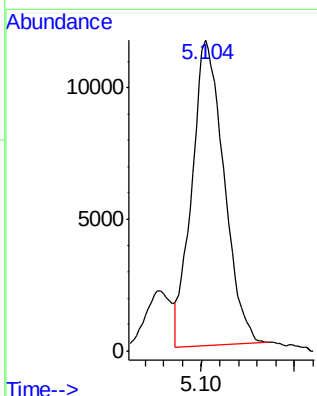
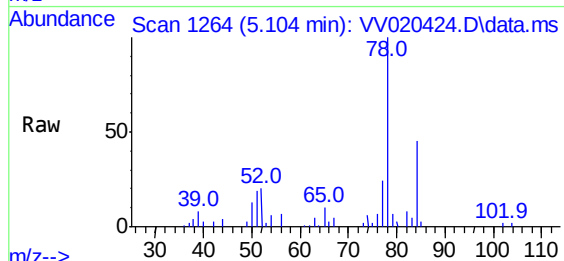




#33
Benzene
Concen: 2.06 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

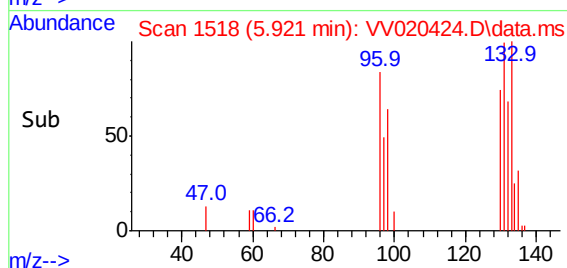
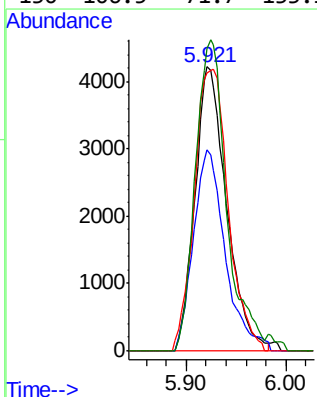
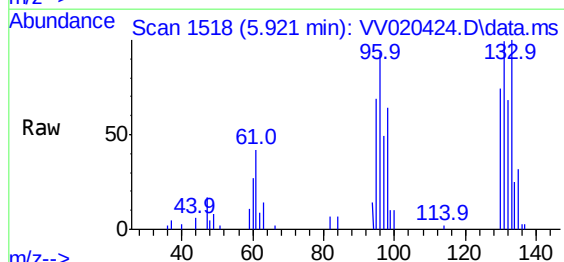
Tgt Ion: 78 Resp: 27821

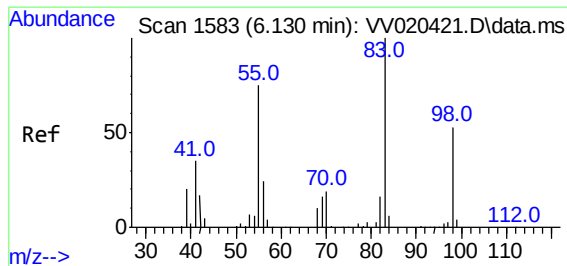


#34
Trichloroethene
Concen: 2.37 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 95 Resp: 9292

Ion	Ratio	Lower	Upper
95	100		
97	70.8	45.4	84.4
132	97.9	68.7	127.7
130	106.5	71.7	133.1

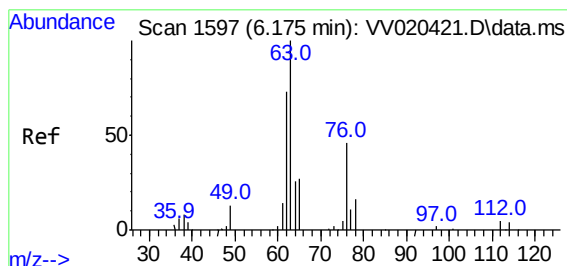
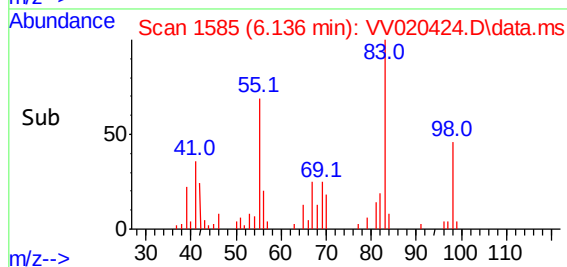
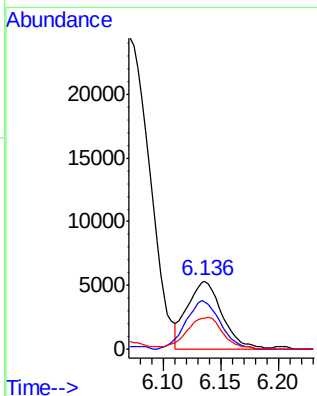
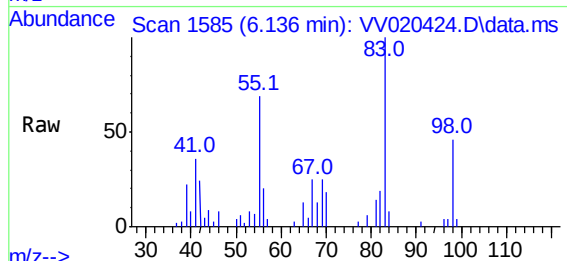




#35
Methylcyclohexane
Concen: 2.12 ug/L
RT: 6.136 min Scan# 1585
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

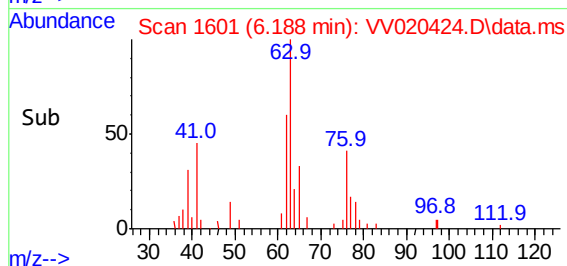
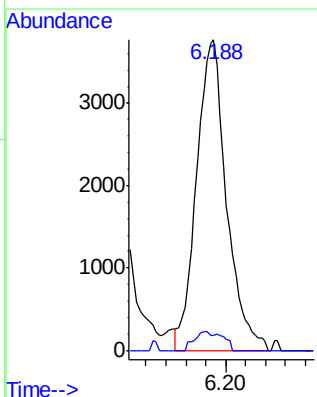
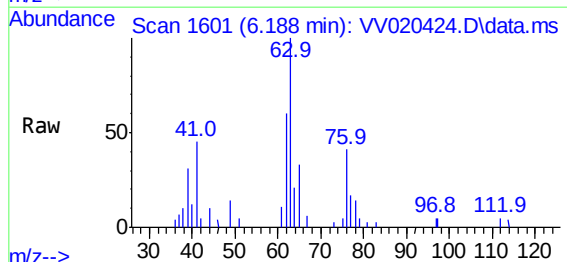
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

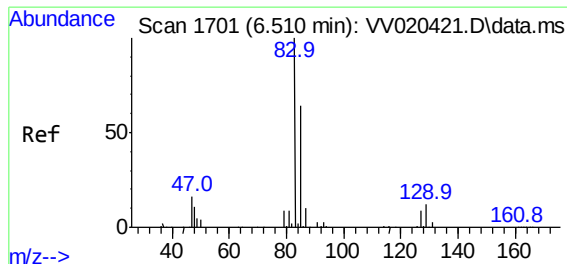
Tgt Ion: 83 Resp: 11157
Ion Ratio Lower Upper
83 100
55 70.0 61.4 92.0
98 47.5 39.9 59.9



#37
1,2-Dichloropropane
Concen: 2.29 ug/L
RT: 6.188 min Scan# 1601
Delta R.T. 0.013 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 63 Resp: 7858
Ion Ratio Lower Upper
63 100
112 3.8 3.9 5.9#

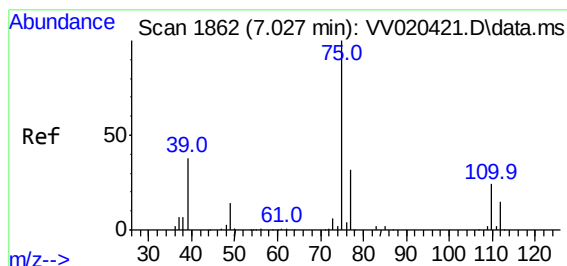
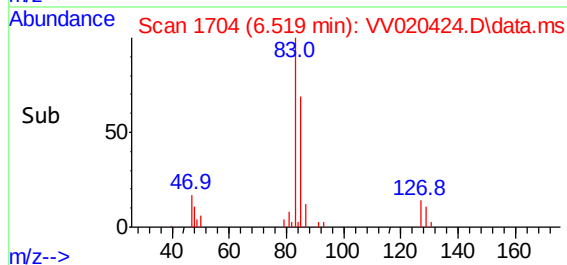
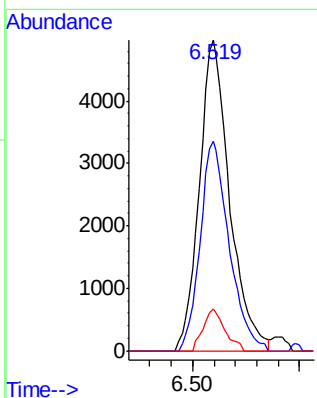
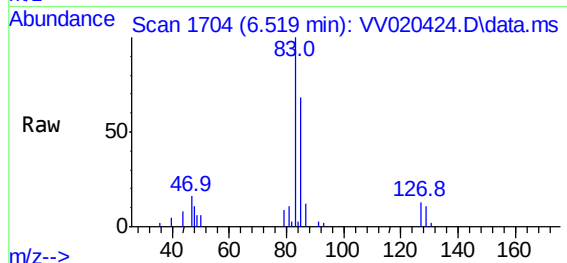




#38
Bromodichloromethane
Concen: 2.06 ug/L
RT: 6.519 min Scan# 1704
Delta R.T. 0.010 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

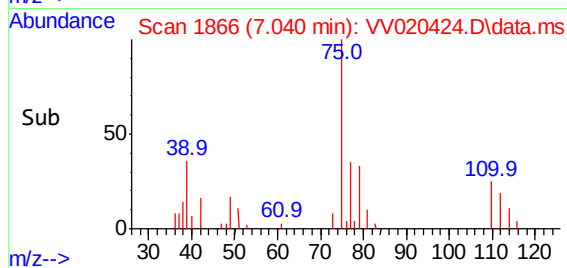
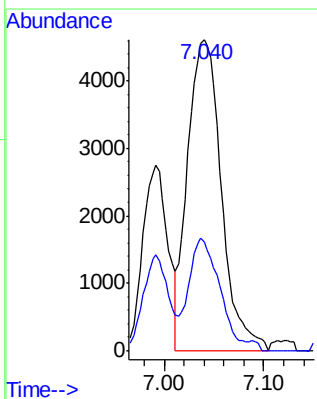
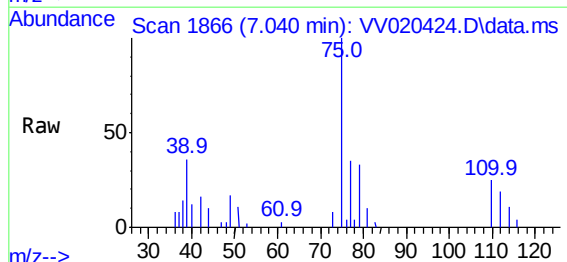
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

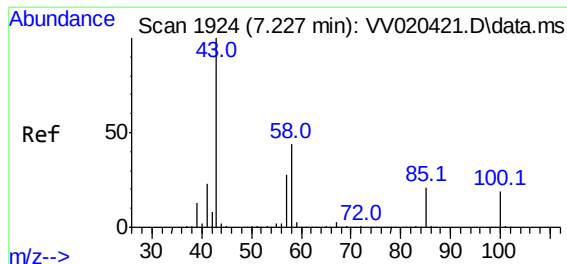
Tgt Ion: 83 Resp: 9697
Ion Ratio Lower Upper
83 100
85 67.6 44.2 82.2
127 13.3 6.8 10.2#



#39
cis-1,3-Dichloropropene
Concen: 2.08 ug/L
RT: 7.040 min Scan# 1866
Delta R.T. 0.013 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 75 Resp: 10850
Ion Ratio Lower Upper
75 100
77 35.0 21.8 40.6

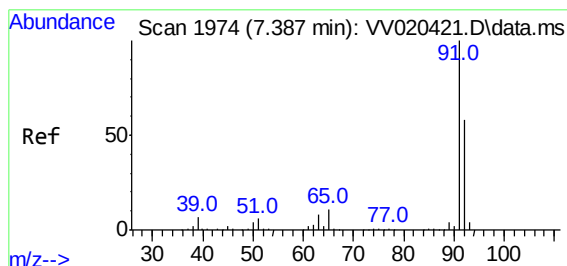
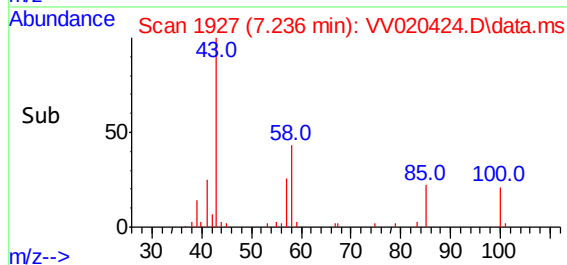
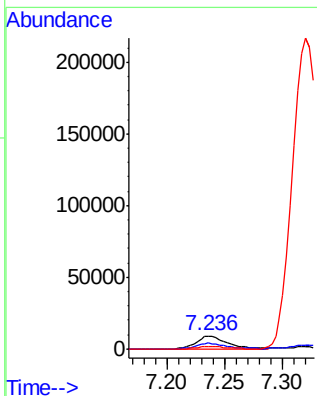
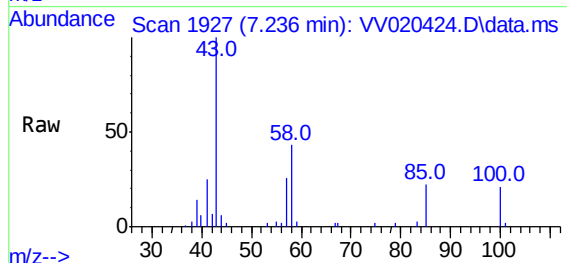




#40
4-Methyl-2-pentanone
Concen: 3.81 ug/L
RT: 7.236 min Scan# 1927
Delta R.T. 0.010 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

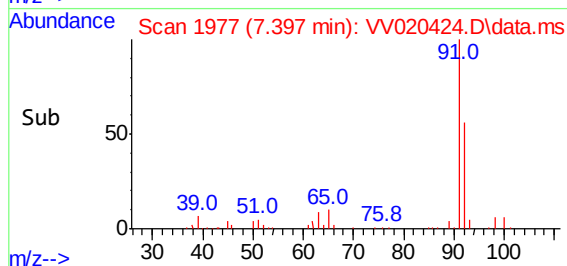
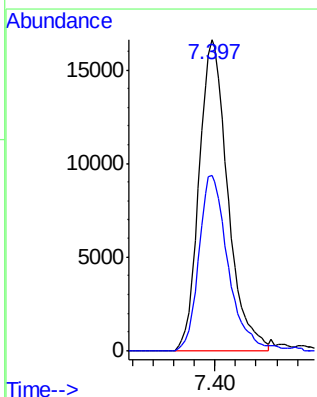
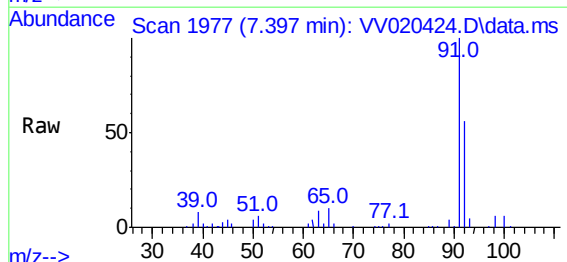
Instrument :
MSVOA_V
ClientSampleId :
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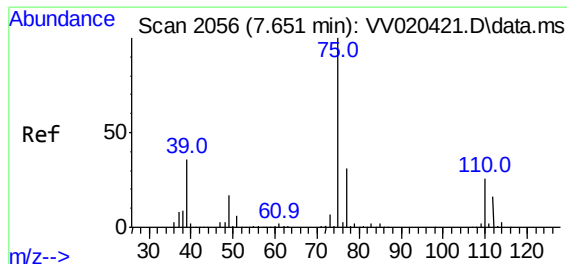
Tgt Ion: 43 Resp: 16188
Ion Ratio Lower Upper
43 100
58 42.6 32.1 48.1
100 18.0 13.4 20.0



#42
Toluene
Concen: 2.16 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.010 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 91 Resp: 31881
Ion Ratio Lower Upper
91 100
92 56.2 40.9 75.9

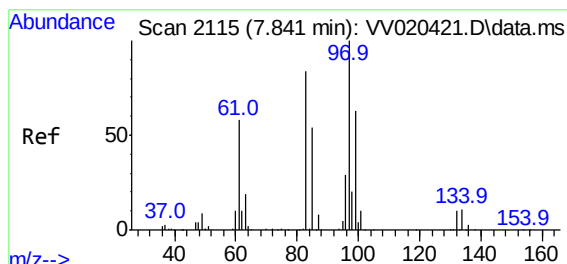
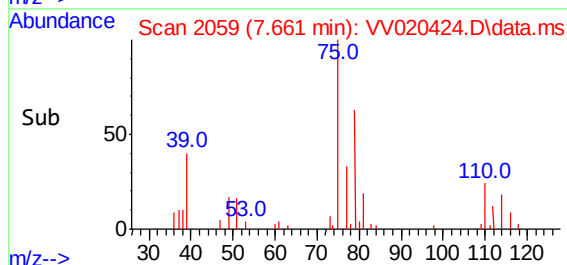
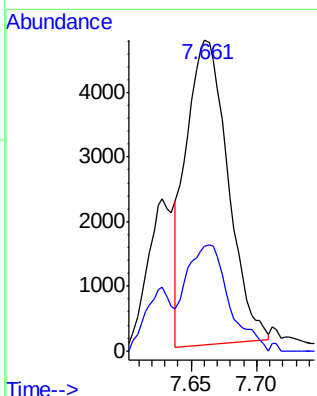
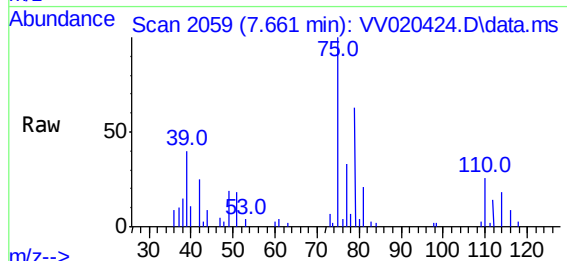




#44
trans-1,3-Dichloropropene
Concen: 2.03 ug/L
RT: 7.661 min Scan# 2059
Delta R.T. 0.010 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

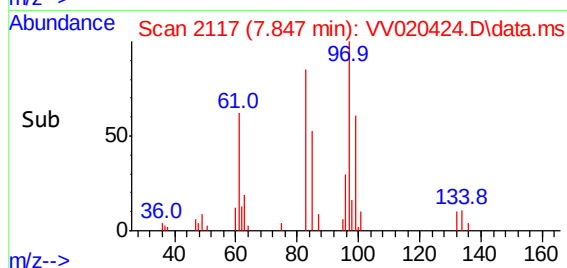
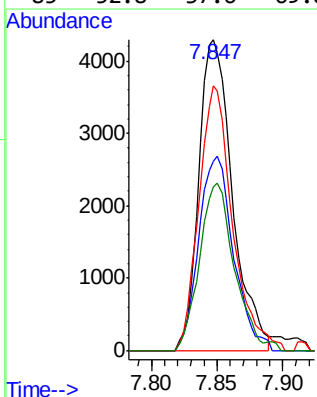
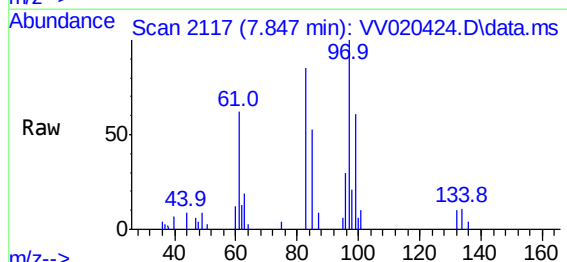
Instrument :
MSVOA_V
ClientSampleId :
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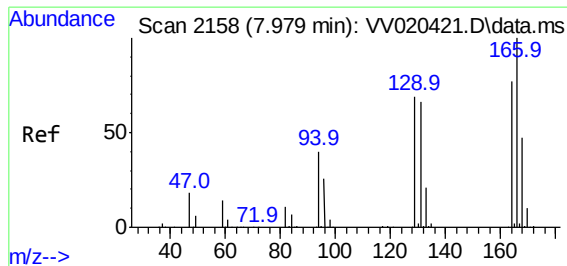
Tgt Ion: 75 Resp: 10334
Ion Ratio Lower Upper
75 100
77 33.5 22.5 41.7



#45
1,1,2-Trichloroethane
Concen: 2.11 ug/L
RT: 7.847 min Scan# 2117
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 97 Resp: 7603
Ion Ratio Lower Upper
97 100
99 60.8 43.0 79.8
83 85.0 57.8 107.4
85 52.8 37.6 69.8



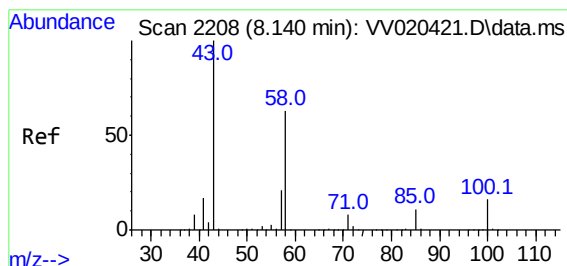
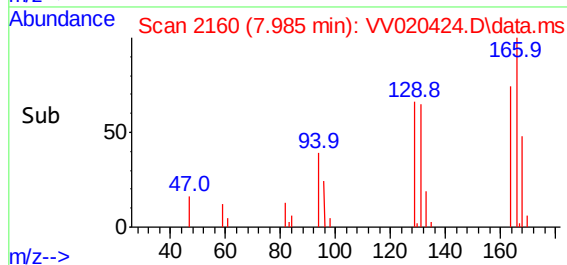
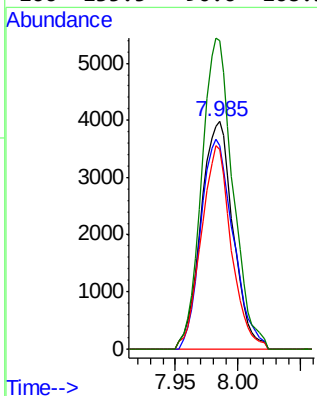
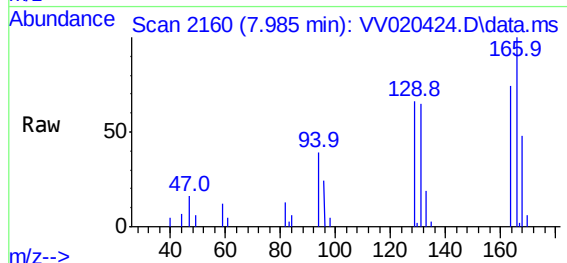


#46
Tetrachloroethene
Concen: 2.23 ug/L
RT: 7.985 min Scan# 2160
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

Tgt Ion:164 Resp: 7037

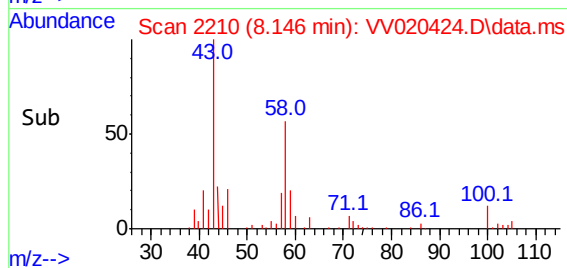
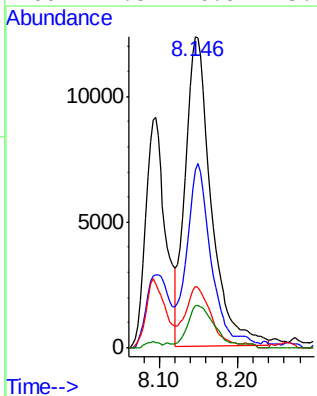
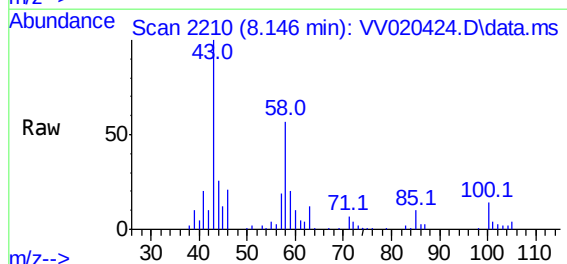
Ion	Ratio	Lower	Upper
164	100		
129	89.5	64.0	118.8
131	87.6	61.2	113.8
166	135.5	90.6	168.3

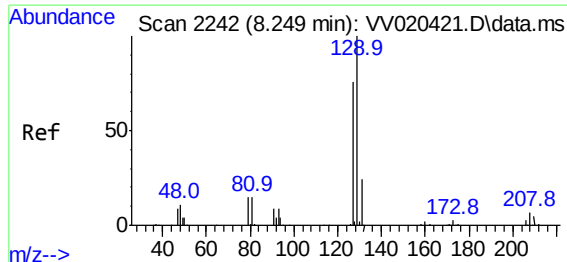


#48
2-Hexanone
Concen: 8.57 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 43 Resp: 28122

Ion	Ratio	Lower	Upper
43	100		
58	49.3	45.3	67.9
57	17.3	15.8	23.6
100	11.8	10.6	15.8





#49

Dibromochloromethane

Concen: 2.07 ug/L

RT: 8.252 min Scan# 2243

Delta R.T. 0.003 min

Lab File: VV020424.D

Acq: 01 Mar 2021 13:33

Tgt Ion:129 Resp: 8037

Ion Ratio Lower Upper

129 100

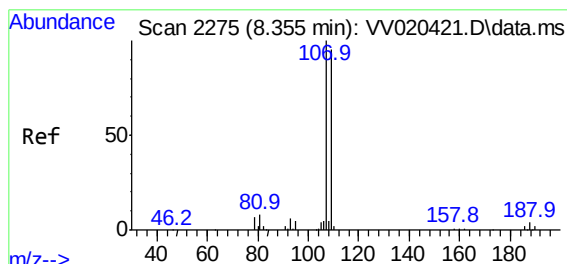
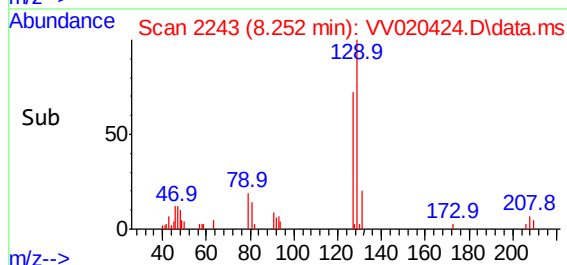
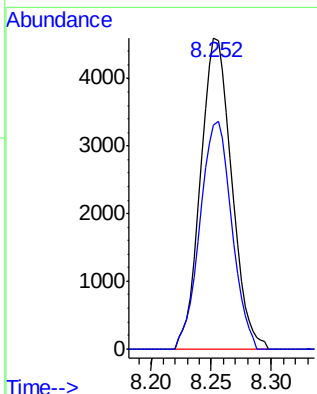
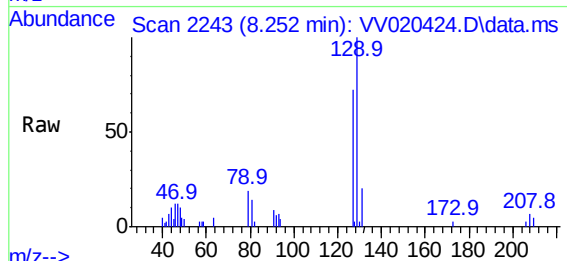
127 72.2 54.7 101.7

Instrument :

MSVOA_V

ClientSampleId :

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#50

1,2-Dibromoethane

Concen: 2.14 ug/L

RT: 8.361 min Scan# 2277

Delta R.T. 0.006 min

Lab File: VV020424.D

Acq: 01 Mar 2021 13:33

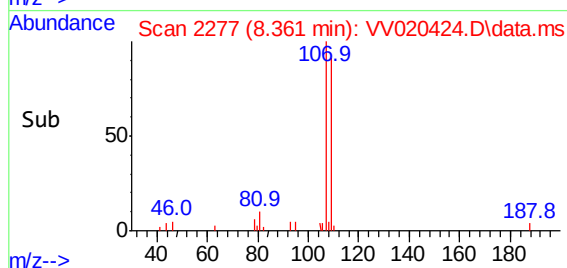
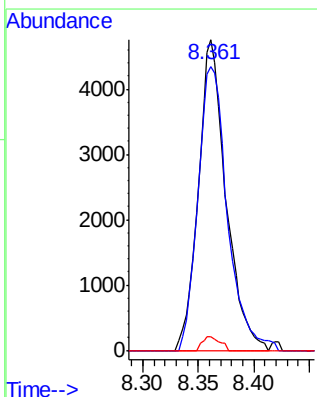
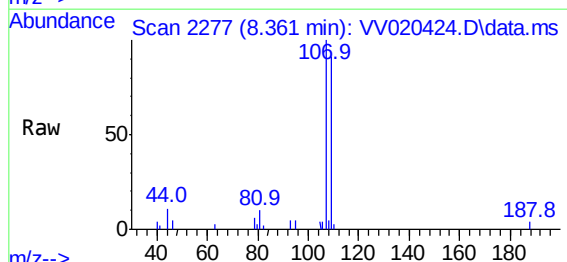
Tgt Ion:107 Resp: 8185

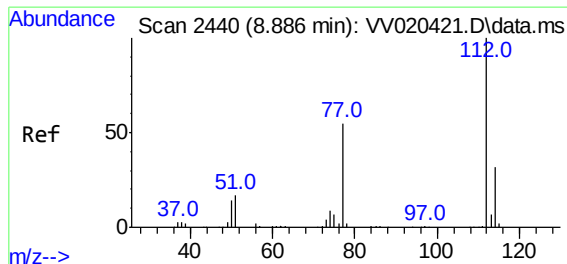
Ion Ratio Lower Upper

107 100

109 91.4 66.2 123.0

188 4.4 3.6 5.4

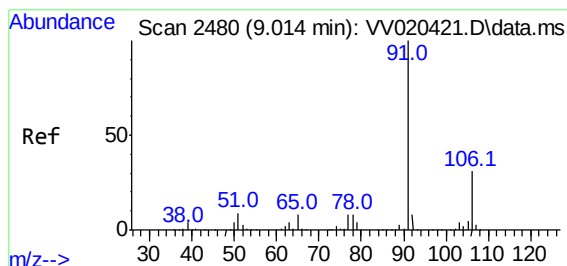
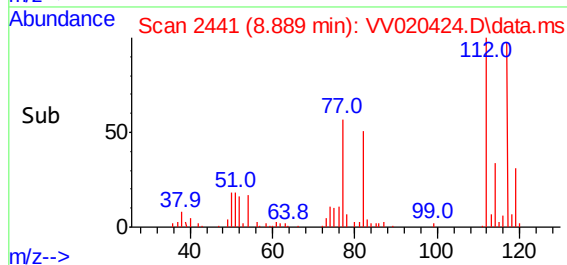
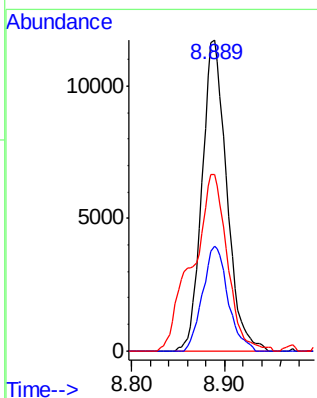
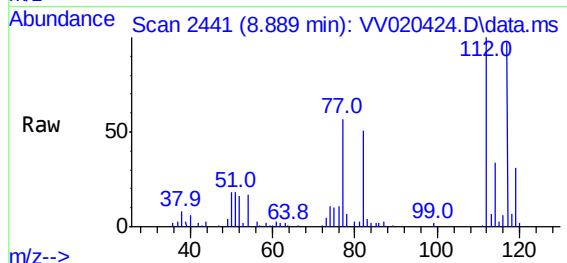




#51
Chlorobenzene
Concen: 2.10 ug/L
RT: 8.889 min Scan# 2441
Delta R.T. 0.003 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

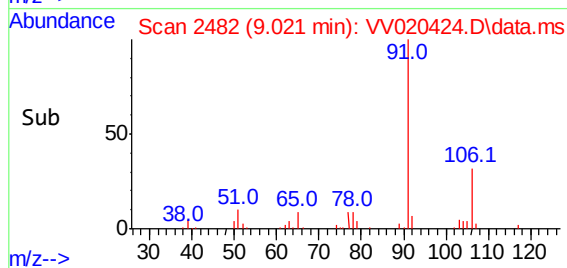
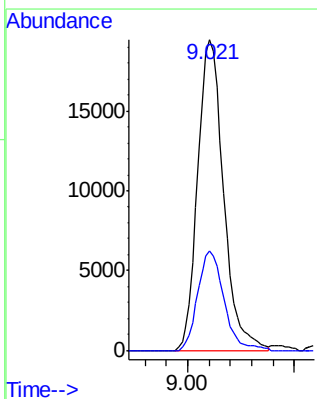
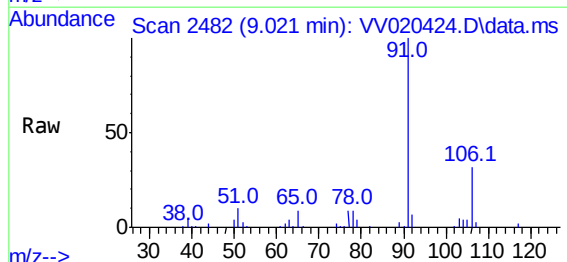
Instrument :
MSVOA_V
ClientSampleId :
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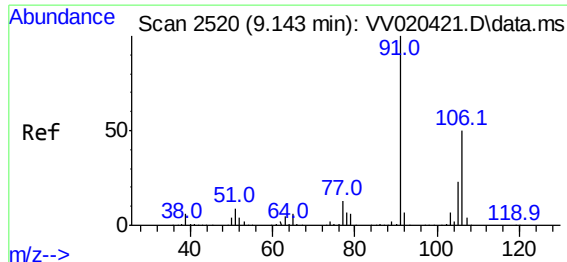
Tgt Ion:112 Resp: 21645
Ion Ratio Lower Upper
112 100
114 33.6 22.5 41.7
77 56.8 47.3 70.9



#52
Ethylbenzene
Concen: 1.98 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 91 Resp: 32441
Ion Ratio Lower Upper
91 100
106 32.0 21.3 39.6

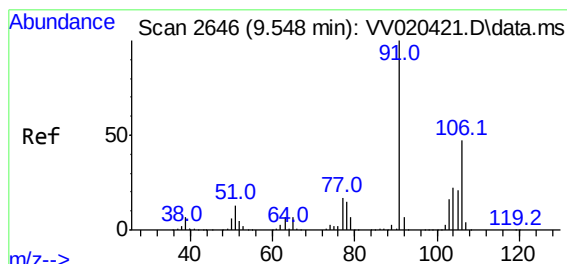
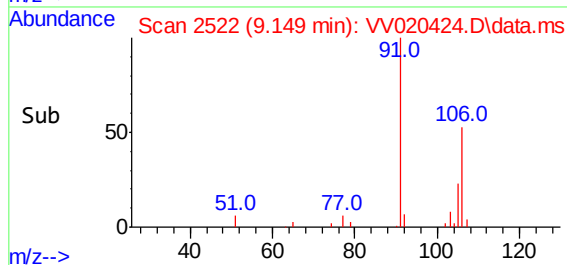
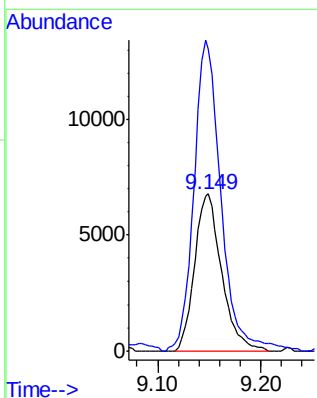
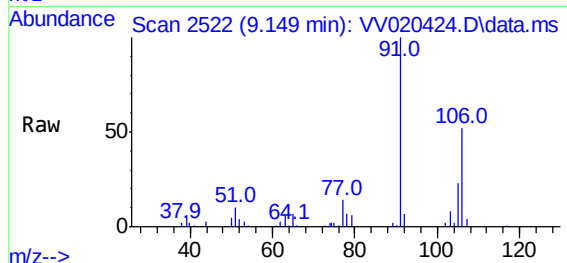




#53
m,p-Xylene
Concen: 1.96 ug/L
RT: 9.149 min Scan# 2522
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

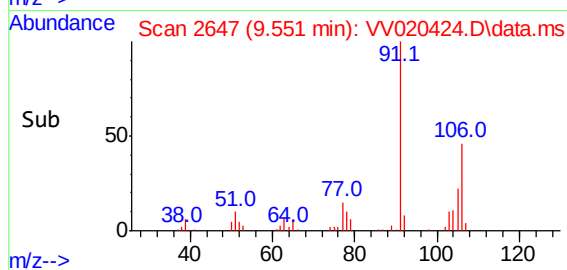
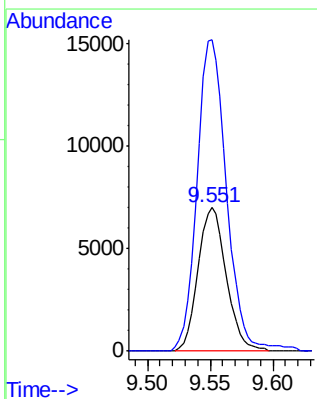
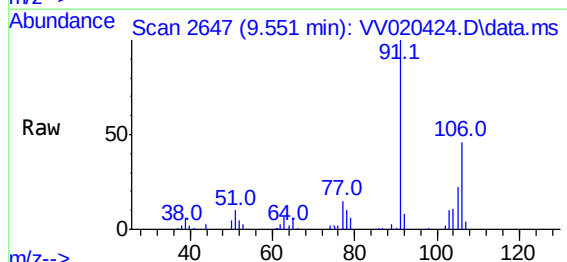
Instrument :
MSVOA_V
ClientSampleId :
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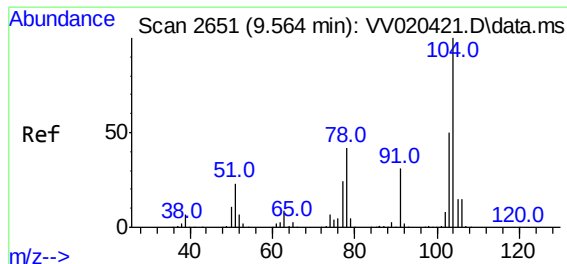
Tgt Ion:106 Resp: 12237
Ion Ratio Lower Upper
106 100
91 192.4 143.1 265.7



#54
o-Xylene
Concen: 1.76 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.003 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion:106 Resp: 10832
Ion Ratio Lower Upper
106 100
91 217.6 153.6 285.3

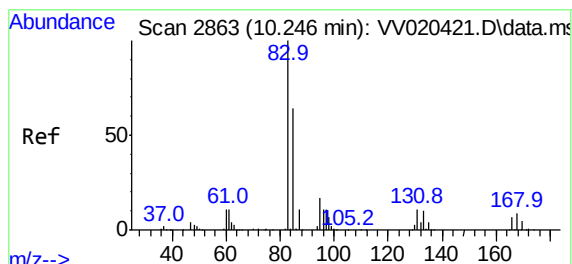
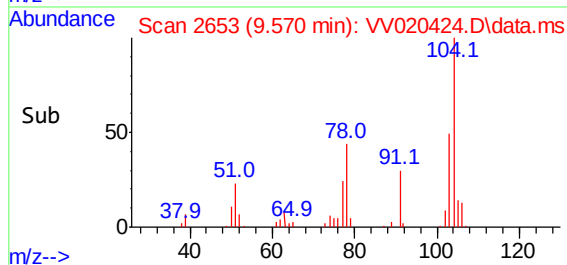
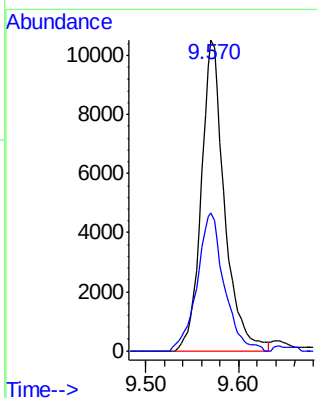
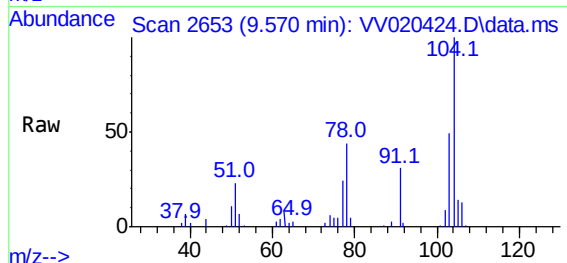




#55
Styrene
Concen: 1.72 ug/L
RT: 9.570 min Scan# 2653
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

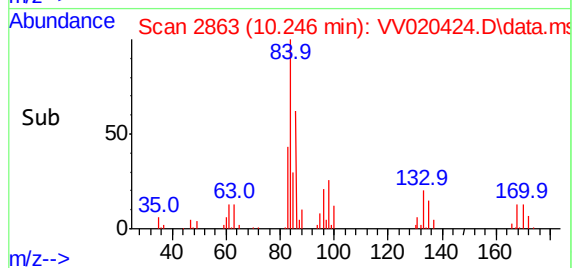
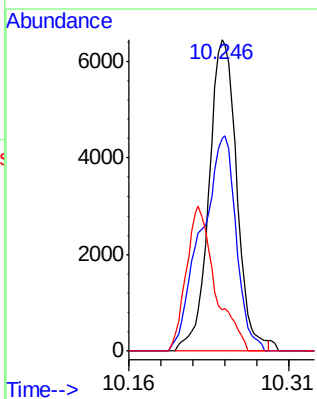
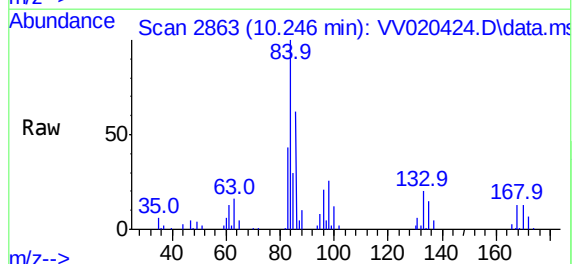
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

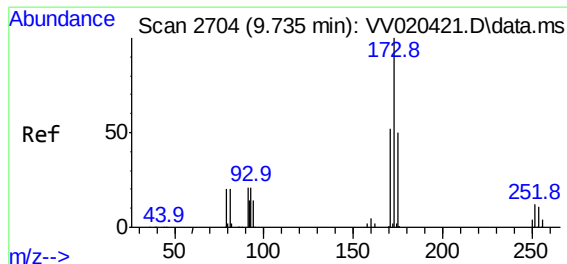
Tgt Ion:104 Resp: 18180
Ion Ratio Lower Upper
104 100
78 44.3 31.6 58.8



#57
1,1,2,2-Tetrachloroethane
Concen: 2.28 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 83 Resp: 12072
Ion Ratio Lower Upper
83 100
85 68.5 45.4 84.4
131 13.2 8.6 12.8#

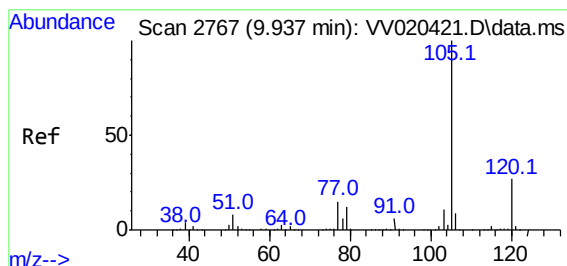
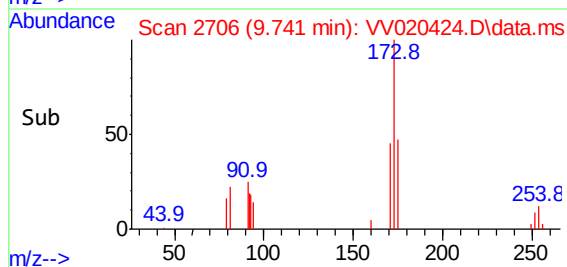
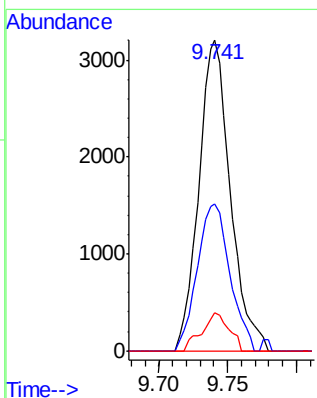
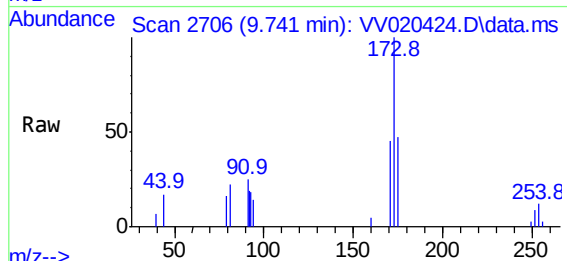




#59
Bromoform
Concen: 1.97 ug/L
RT: 9.741 min Scan# 2706
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

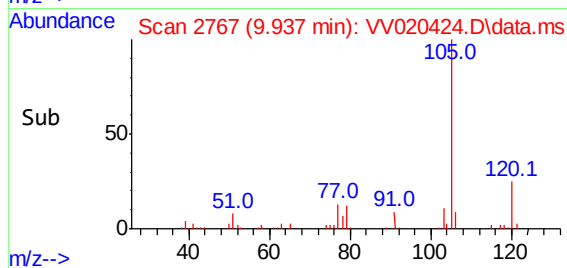
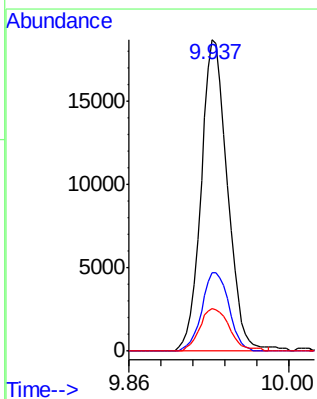
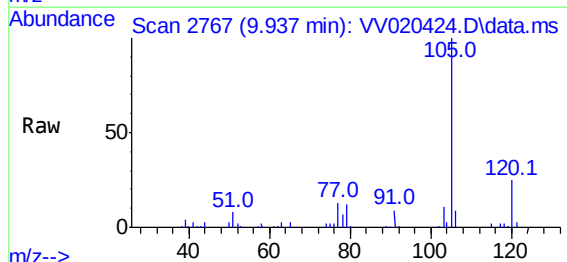
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

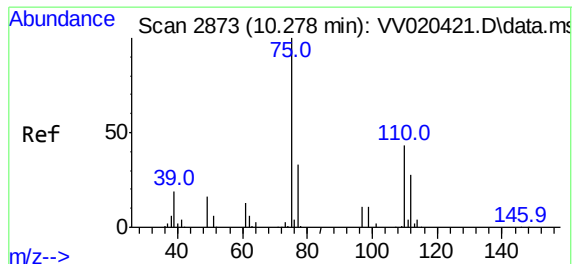
Tgt Ion:173 Resp: 5079
Ion Ratio Lower Upper
173 100
175 49.2 39.0 58.6
254 10.5 9.5 14.3



#60
Isopropylbenzene
Concen: 1.94 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. -0.000 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion:105 Resp: 29278
Ion Ratio Lower Upper
105 100
120 25.6 21.2 31.8
77 14.7 11.8 17.6

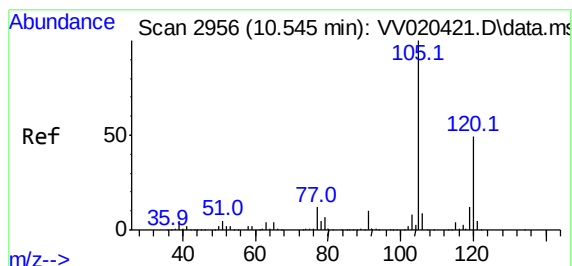
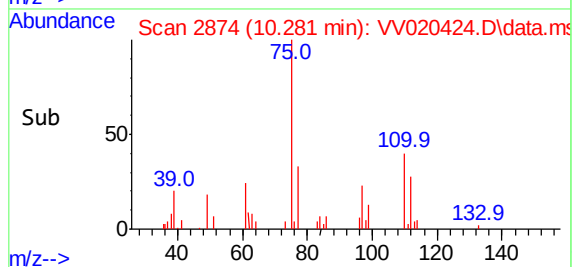
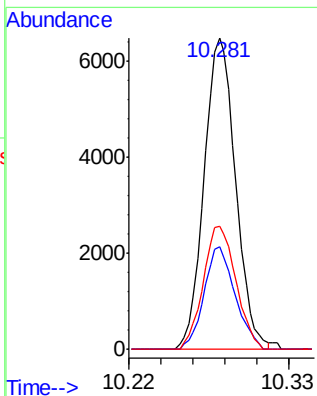
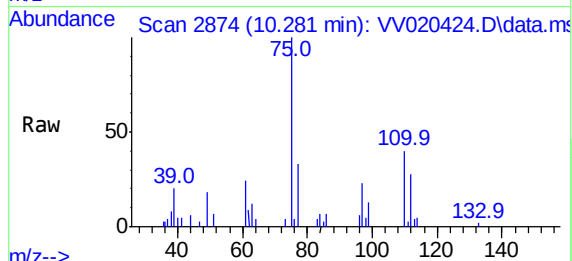




#61
1,2,3-Trichloropropane
Concen: 2.36 ug/L
RT: 10.281 min Scan# 2874
Delta R.T. 0.003 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

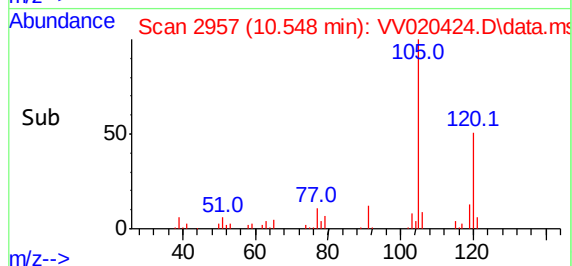
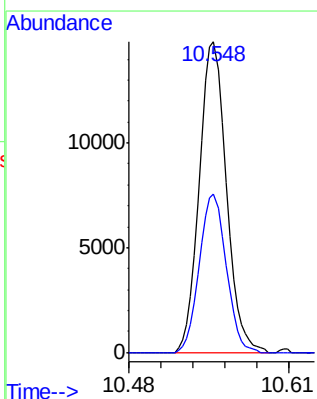
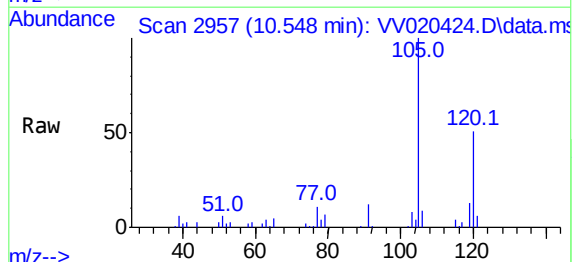
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

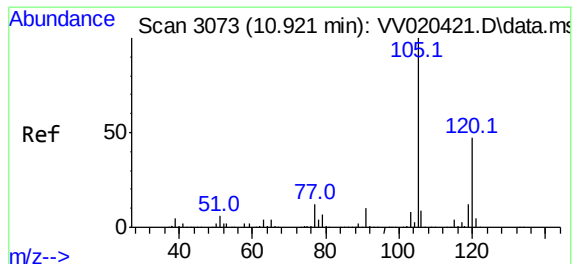
Tgt Ion: 75 Resp: 10217
Ion Ratio Lower Upper
75 100
77 32.4 25.7 38.5
110 41.0 33.3 49.9



#62
1,3,5-Trimethylbenzene
Concen: 1.82 ug/L
RT: 10.548 min Scan# 2957
Delta R.T. 0.003 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 105 Resp: 22557
Ion Ratio Lower Upper
105 100
120 50.4 39.9 59.9

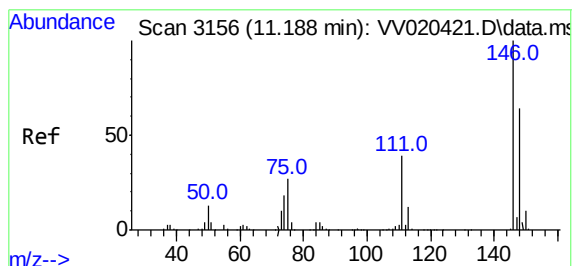
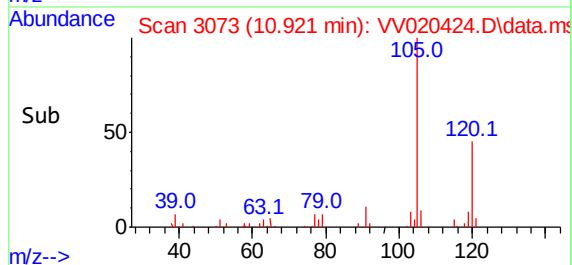
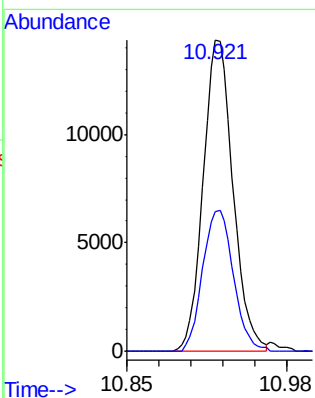
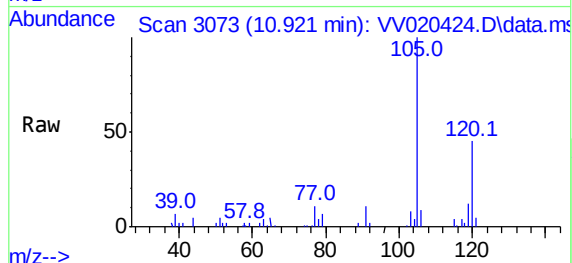




#63
1,2,4-Trimethylbenzene
Concen: 1.78 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. -0.000 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

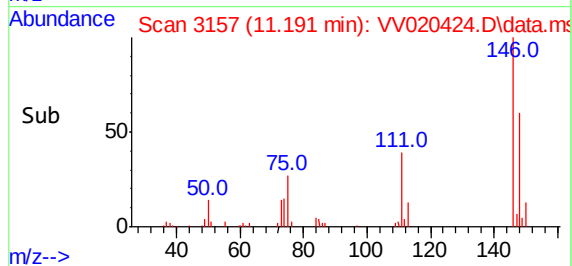
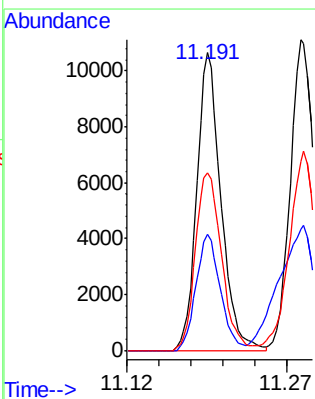
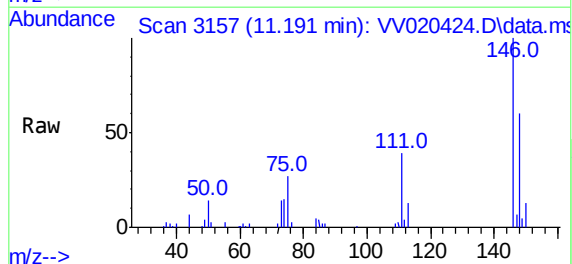
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

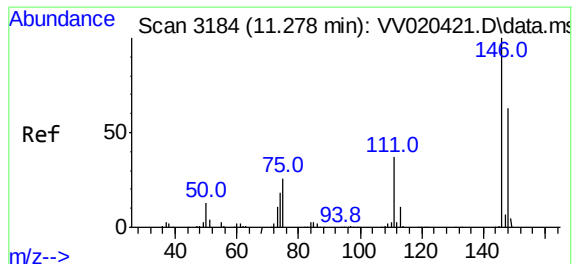
Tgt Ion:105 Resp: 22592
Ion Ratio Lower Upper
105 100
120 46.4 37.0 55.6



#64
1,3-Dichlorobenzene
Concen: 2.09 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.003 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion:146 Resp: 16637
Ion Ratio Lower Upper
146 100
111 39.1 27.4 51.0
148 59.8 44.1 81.9



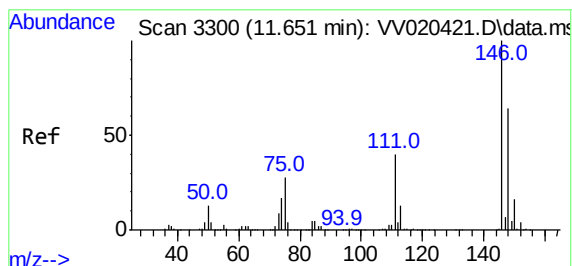
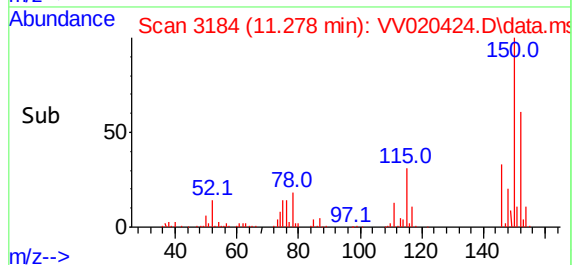
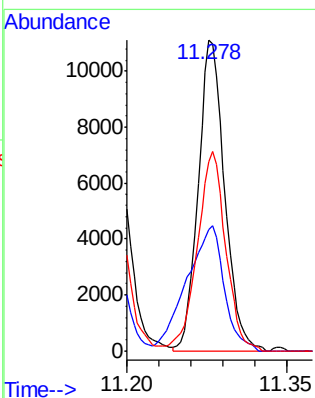
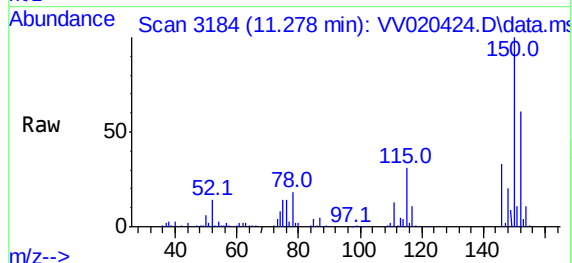


#65
 1,4-Dichlorobenzene
 Concen: 2.21 ug/L
 RT: 11.278 min Scan# 3184
 Delta R.T. -0.000 min
 Lab File: VV020424.D
 Acq: 01 Mar 2021 13:33

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2021-04

Tgt Ion:146 Resp: 18231

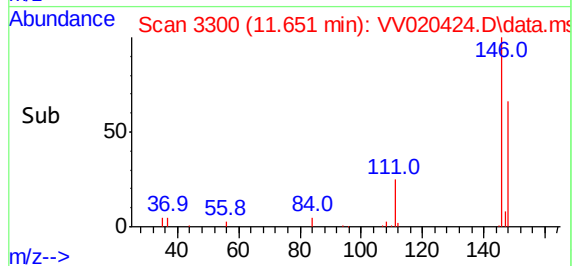
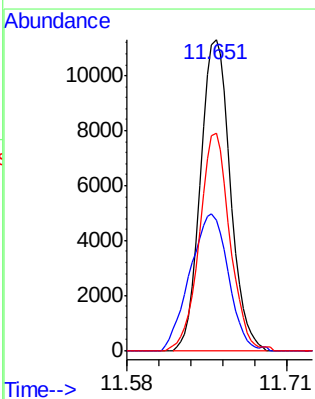
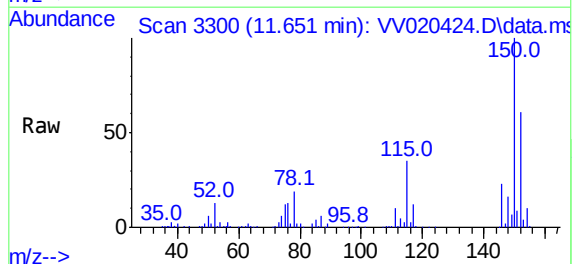
Ion	Ratio	Lower	Upper
146	100		
111	39.2	26.1	48.5
148	61.1	44.6	82.8

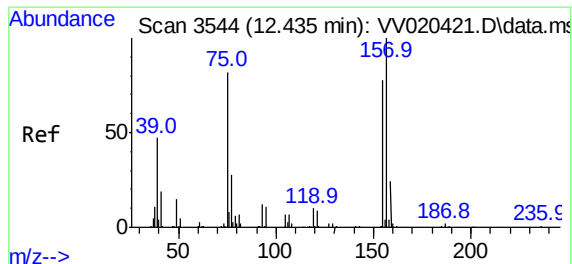


#67
 1,2-Dichlorobenzene
 Concen: 2.38 ug/L
 RT: 11.651 min Scan# 3300
 Delta R.T. -0.000 min
 Lab File: VV020424.D
 Acq: 01 Mar 2021 13:33

Tgt Ion:146 Resp: 18856

Ion	Ratio	Lower	Upper
146	100		
111	42.0	32.4	48.6
148	70.1	51.0	76.4



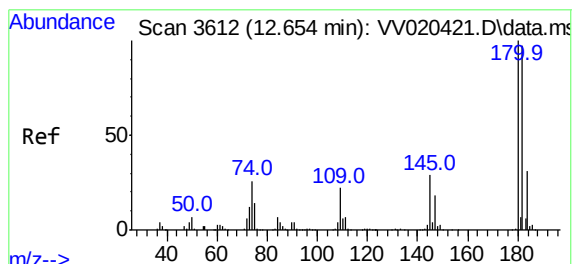
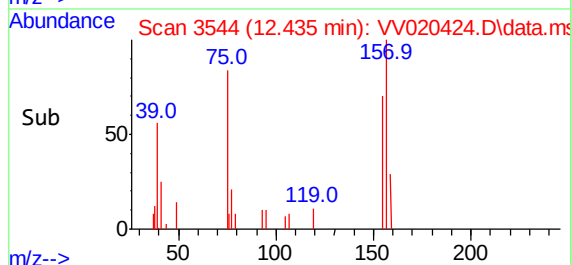
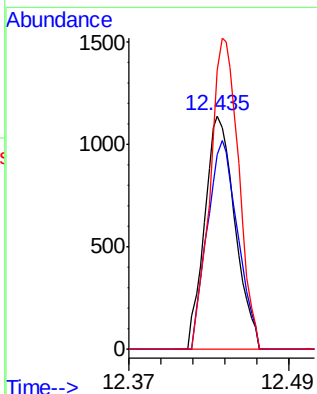
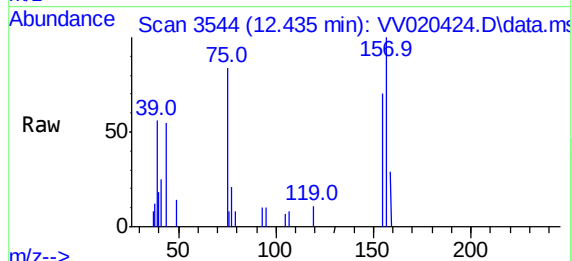


#68
1,2-Dibromo-3-chloropropane
Concen: 1.80 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. -0.000 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

Tgt Ion: 75 Resp: 1812

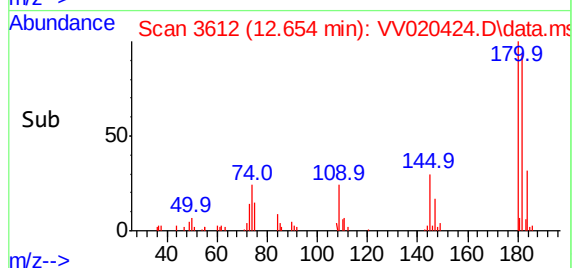
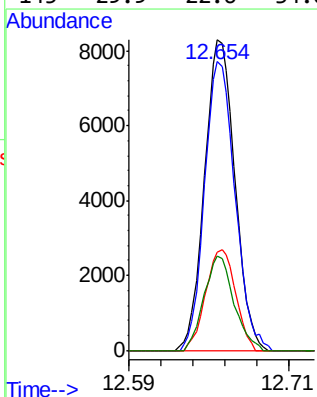
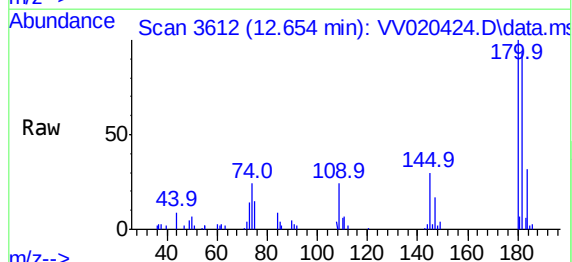
Ion	Ratio	Lower	Upper
75	100		
155	83.3	74.1	111.1
157	119.8	95.8	143.8

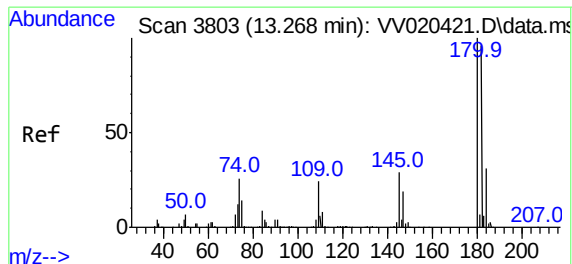


#69
1,3,5-Trichlorobenzene
Concen: 2.14 ug/L
RT: 12.654 min Scan# 3612
Delta R.T. -0.000 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 180 Resp: 13274

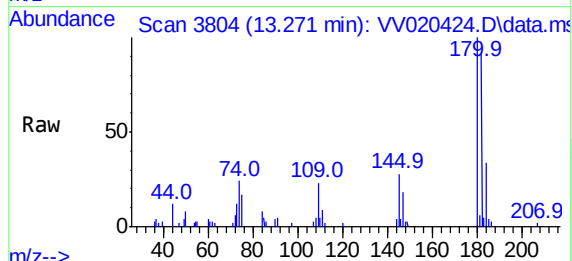
Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.1	114.1
184	31.9	24.1	36.1
145	29.9	22.6	34.0





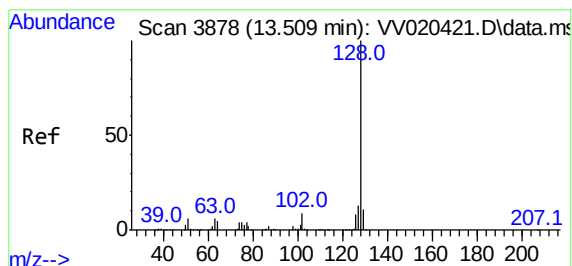
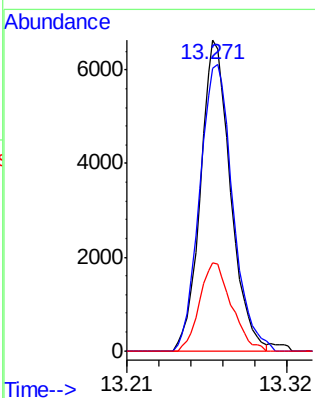
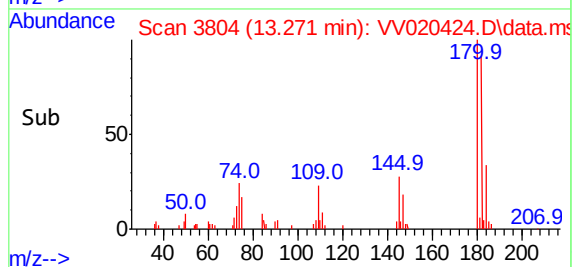
#70
1,2,4-trichlorobenzene
Concen: 1.86 ug/L
RT: 13.271 min Scan# 3804
Delta R.T. 0.003 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

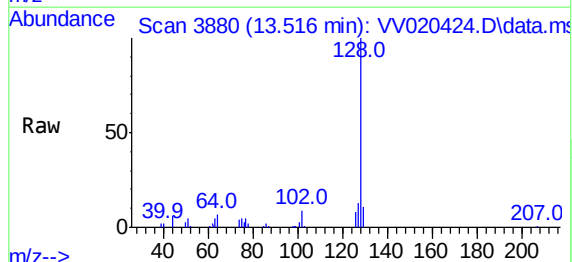


Tgt Ion:180 Resp: 9995

Ion	Ratio	Lower	Upper
180	100		
182	101.7	77.1	115.7
145	29.8	23.4	35.2

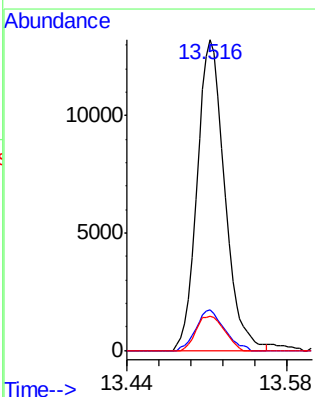
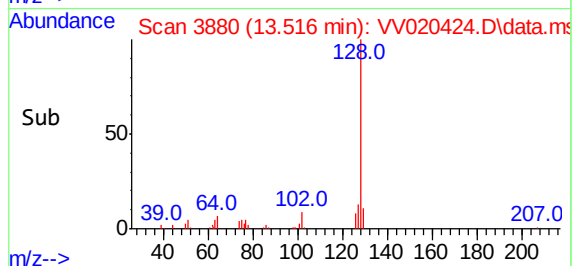


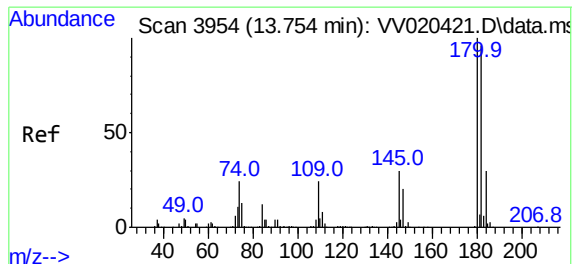
#71
Naphthalene
Concen: 1.47 ug/L
RT: 13.516 min Scan# 3880
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33



Tgt Ion:128 Resp: 21888

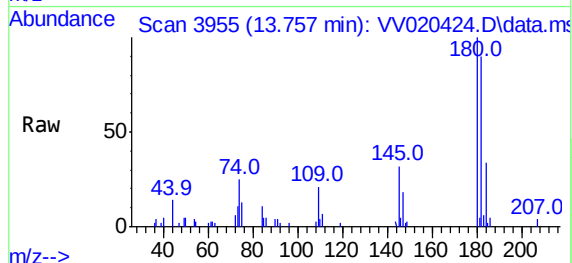
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	11.4	8.6	12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 1.88 ug/L
 RT: 13.757 min Scan# 3955
 Delta R.T. 0.003 min
 Lab File: VV020424.D
 Acq: 01 Mar 2021 13:33

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2021-04



Tgt Ion:180 Resp: 10164

Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.6	114.8
145	31.7	24.5	36.7

