

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022421\
 Data File : VW020387.D
 Acq On : 23 Feb 2021 18:05
 Operator : SY/MD
 Sample : M1344-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2021-03

Quant Time: Feb 24 03:13:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 24 03:03:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	290937	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	278277	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	137434	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	89022	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.568	69	74386	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.111	63	127705	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.895	46	166485	49.25	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.50%
24) Chloroform-d	4.355	84	167026	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.037	65	83821	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.056	84	336257	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.075	67	99213	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.320	98	310060	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloroprop...	7.628	79	34288	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.095	63	117356	45.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.98%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	63550	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
66) 1,2-Dichlorobenzene-d4	11.632	152	123866	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%
Target Compounds						
2) Dichlorodifluoromethane	1.130	85	8634	0.24	ug/L	96
3) Chloromethane	1.243	50	7703	0.25	ug/L	96
5) Vinyl chloride	1.310	62	8131	0.25	ug/L #	76
6) Bromomethane	1.523	94	5127	0.24	ug/L	99
8) Chloroethane	1.587	64	4627	0.24	ug/L	91
9) Trichlorofluoromethane	1.754	101	11446	0.24	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	7098	0.28	ug/L	91
12) 1,1-Dichloroethene	2.117	96	6827	0.28	ug/L #	1
13) Acetone	2.185	43	8150	2.71	ug/L	90
14) Carbon disulfide	2.297	76	17673	0.25	ug/L	97
15) Methyl Acetate	2.452	43	1670	0.23	ug/L	93
16) Methylene chloride	2.513	84	8481	0.30	ug/L	87
17) Methyl tert-butyl Ether	2.770	73	10977	0.23	ug/L	97
18) trans-1,2-Dichloroethene	2.767	96	5707	0.23	ug/L	94
19) 1,1-Dichloroethane	3.195	63	9997	0.23	ug/L	96
21) 2-Butanone	4.005	43	7444	1.68	ug/L	78
22) cis-1,2-Dichloroethene	3.918	96	6131	0.24	ug/L	97
23) Bromochloromethane	4.262	128	2597	0.22	ug/L	93
25) Chloroform	4.384	83	16366	0.35	ug/L	90
27) 1,2-Dichloroethane	5.146	62	5408	0.21	ug/L #	78

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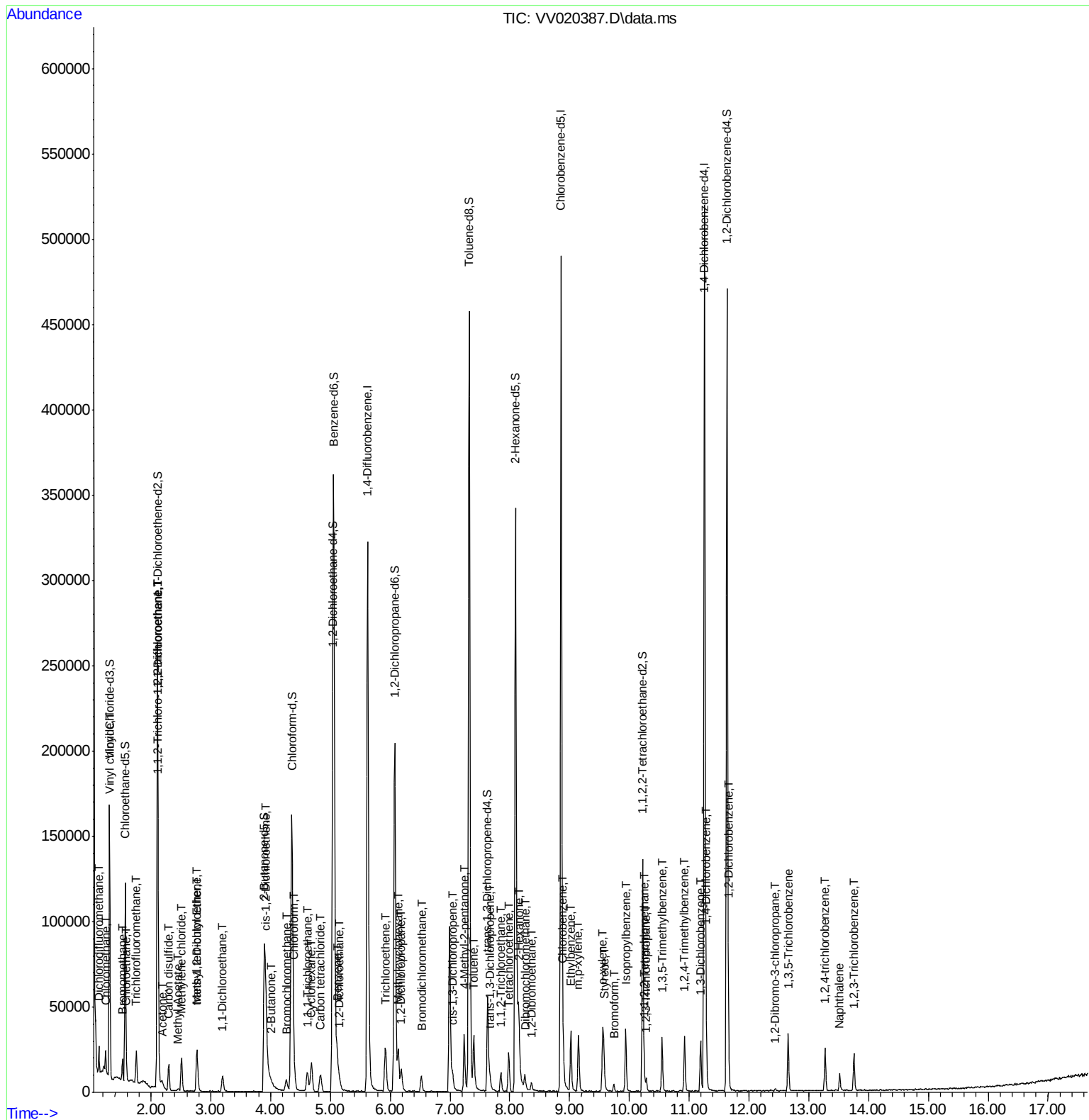
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.616	97	9197	0.23	ug/L	97
30) Cyclohexane	4.683	56	8337	0.23	ug/L	98
31) Carbon tetrachloride	4.834	117	7839	0.23	ug/L	99
33) Benzene	5.111	78	25336	0.26	ug/L	100
34) Trichloroethene	5.924	95	7007	0.26	ug/L	91
35) Methylcyclohexane	6.133	83	9670	0.24	ug/L	95
37) 1,2-Dichloropropane	6.185	63	5706	0.25	ug/L #	96
38) Bromodichloromethane	6.522	83	6792	0.23	ug/L	95
39) cis-1,3-Dichloropropene	7.040	75	7357	0.23	ug/L	95
40) 4-Methyl-2-pentanone	7.236	43	22080	2.02	ug/L #	84
42) Toluene	7.397	91	25072	0.24	ug/L	98
44) trans-1,3-Dichloropropene	7.667	75	6934	0.27	ug/L	88
45) 1,1,2-Trichloroethane	7.847	97	3926	0.24	ug/L	96
47) Tetrachloroethene	7.982	164	5389	0.23	ug/L	88
48) 2-Hexanone	8.149	43	29695	3.85	ug/L	95
49) Dibromochloromethane	8.252	129	4054	0.21	ug/L	98
50) 1,2-Dibromoethane	8.368	107	3512	0.23	ug/L #	96
51) Chlorobenzene	8.889	112	16173	0.23	ug/L	95
52) Ethylbenzene	9.021	91	26761	0.23	ug/L	99
53) m,p-xylene	9.146	106	10016	0.22	ug/L	94
54) o-xylene	9.551	106	9221	0.22	ug/L	93
55) Styrene	9.574	104	13940	0.20	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.249	83	4015	0.23	ug/L	94
59) Bromoform	9.741	173	2076	0.23	ug/L #	87
60) Isopropylbenzene	9.940	105	23396	0.22	ug/L	96
61) 1,2,3-Trichloropropane	10.281	75	3342	0.27	ug/L	99
62) 1,3,5-Trimethylbenzene	10.548	105	17879	0.21	ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	17943	0.21	ug/L	100
64) 1,3-Dichlorobenzene	11.191	146	13181	0.25	ug/L	97
65) 1,4-Dichlorobenzene	11.281	146	13860	0.26	ug/L	95
67) 1,2-Dichlorobenzene	11.654	146	12522	0.26	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.435	75	259	0.12	ug/L #	87
69) 1,3,5-Trichlorobenzene	12.654	180	10646	0.25	ug/L	94
70) 1,2,4-trichlorobenzene	13.275	180	8238	0.24	ug/L	98
71) Naphthalene	13.516	128	8847	0.19	ug/L	99
72) 1,2,3-Trichlorobenzene	13.757	180	7318	0.24	ug/L	93

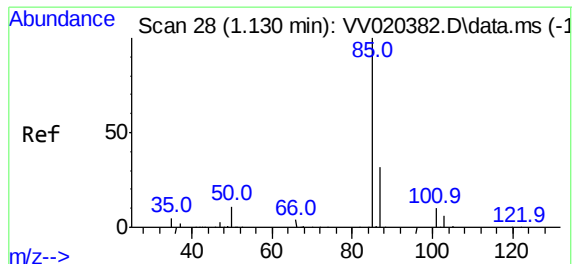
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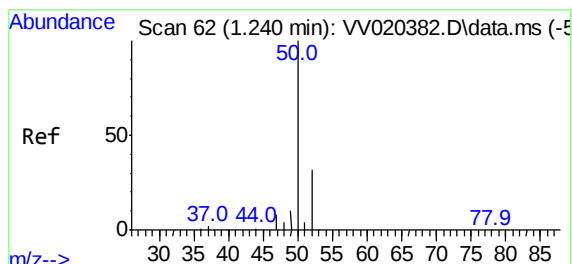
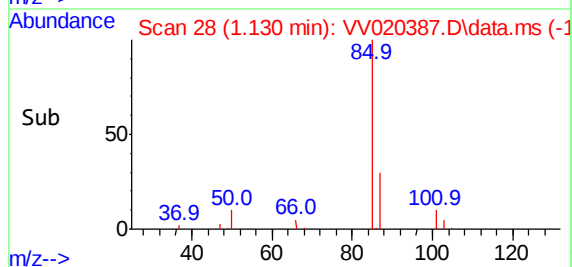
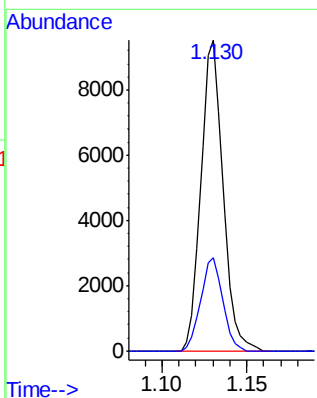
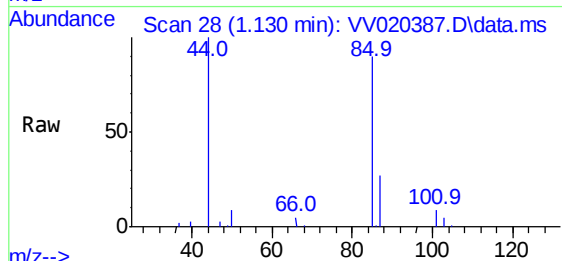




#2
Dichlorodifluoromethane
Concen: 0.24 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.000 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

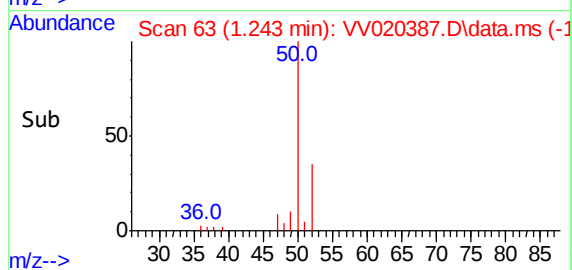
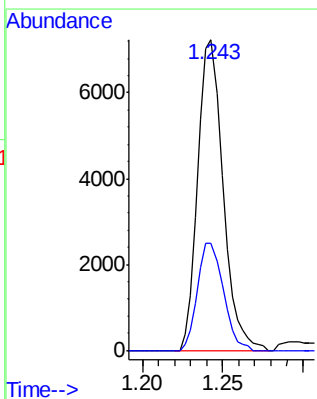
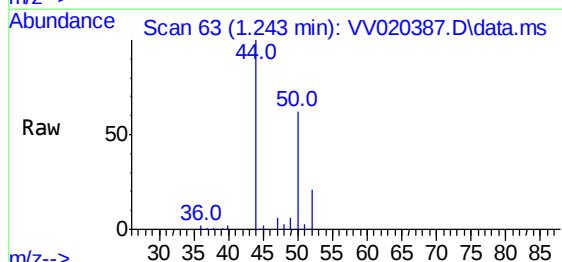
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MSVOA_V
ClientSampleId :
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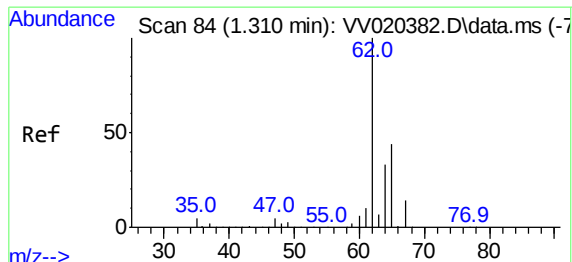
Tgt Ion: 85 Resp: 8634
Ion Ratio Lower Upper
85 100
87 29.8 25.7 38.5



#3
Chloromethane
Concen: 0.25 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion: 50 Resp: 7703
Ion Ratio Lower Upper
50 100
52 34.6 22.5 41.9

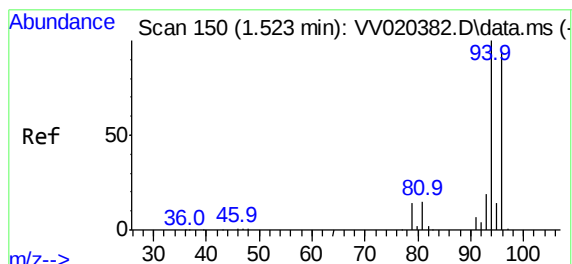
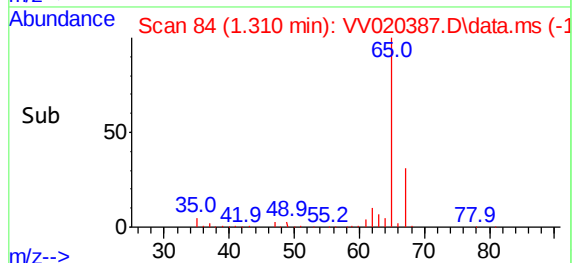
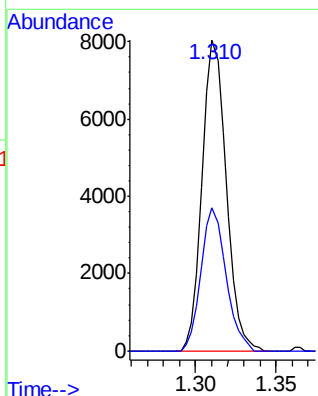
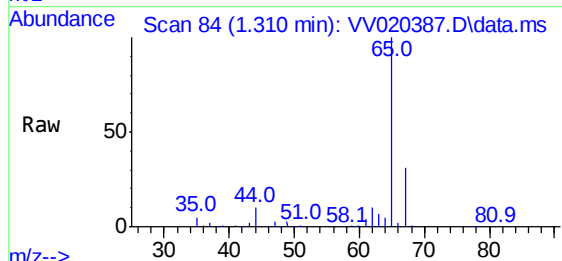




#5
 Vinyl chloride
 Concen: 0.25 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV020387.D
 Acq: 23 Feb 2021 18:05

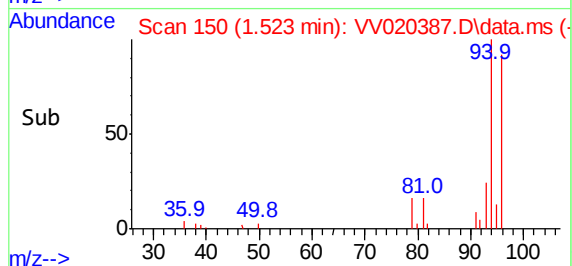
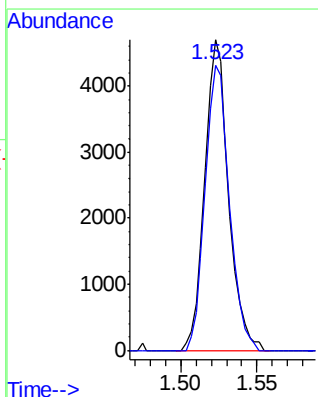
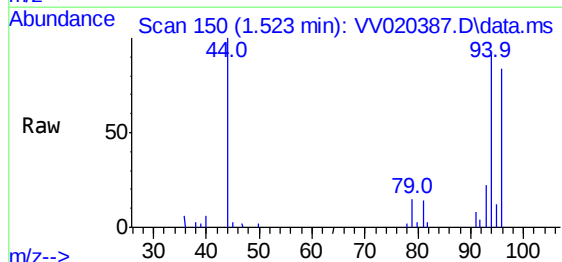
Instrument :
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 ClientSampleId :
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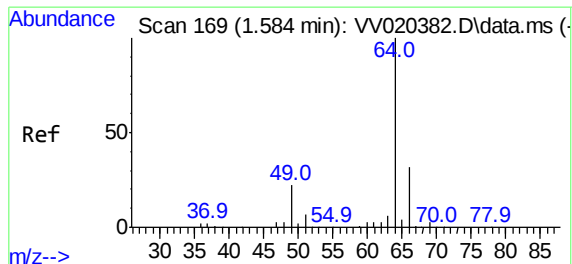
Tgt Ion: 62 Resp: 8131
 Ion Ratio Lower Upper
 62 100
 64 46.1 22.8 42.4#



#6
 Bromomethane
 Concen: 0.24 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV020387.D
 Acq: 23 Feb 2021 18:05

Tgt Ion: 94 Resp: 5127
 Ion Ratio Lower Upper
 94 100
 96 91.8 65.0 120.6

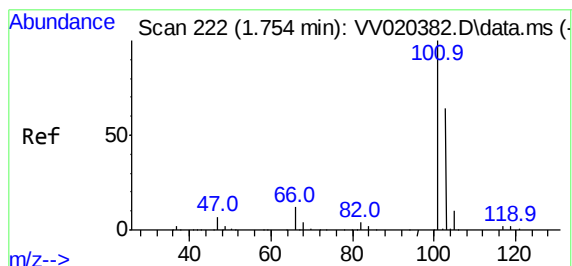
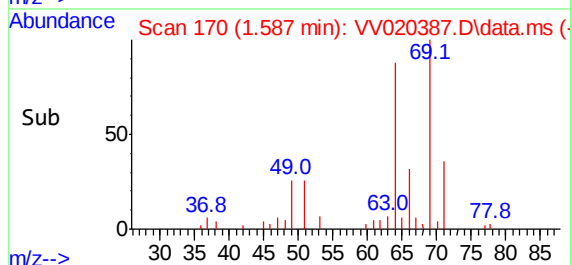
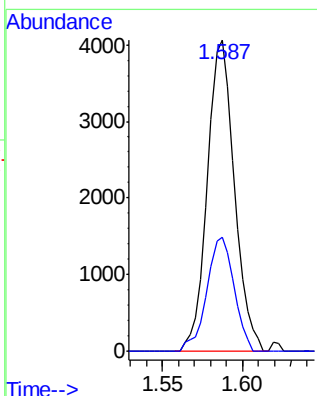
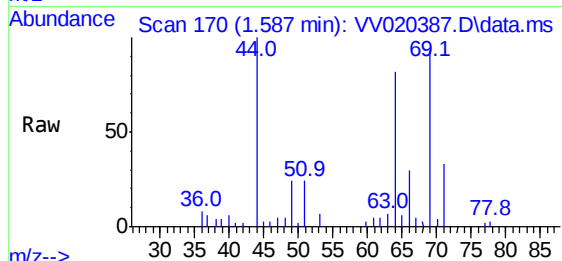




#8
Chloroethane
Concen: 0.24 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

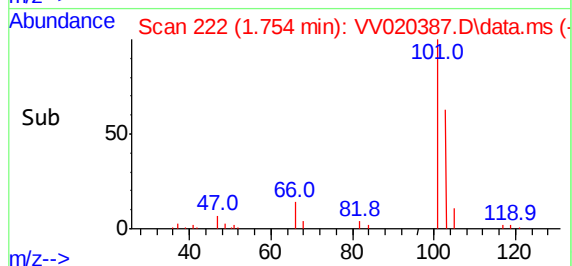
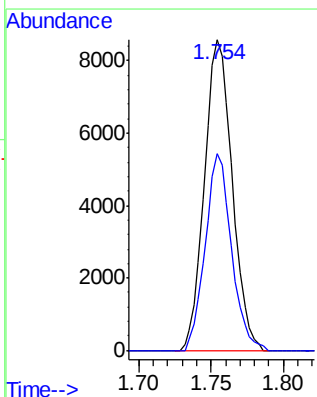
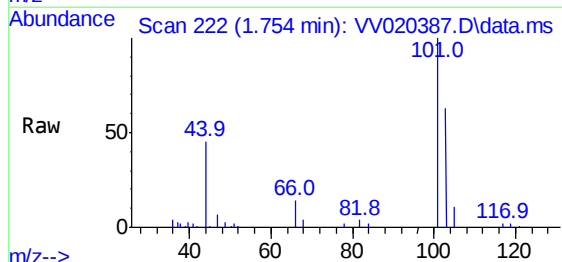
Instrument :
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ClientSampleId :
MDL-WATER-QT2-2021-03

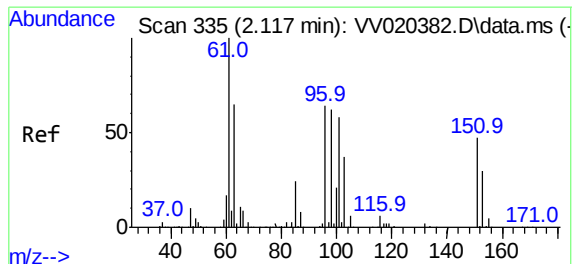
Tgt Ion: 64 Resp: 4627
Ion Ratio Lower Upper
64 100
66 36.7 22.3 41.5



#9
Trichlorofluoromethane
Concen: 0.24 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion:101 Resp: 11446
Ion Ratio Lower Upper
101 100
103 59.8 51.9 77.9

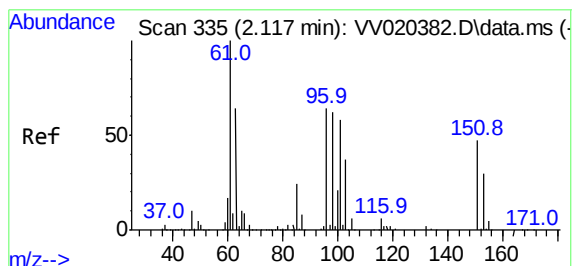
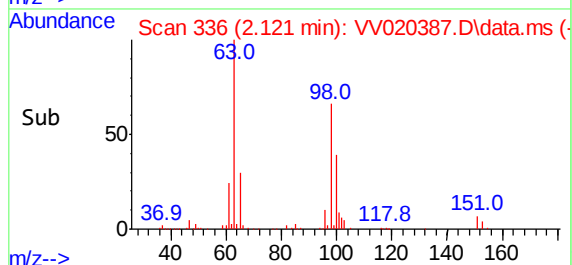
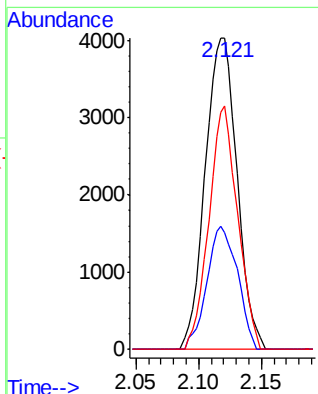
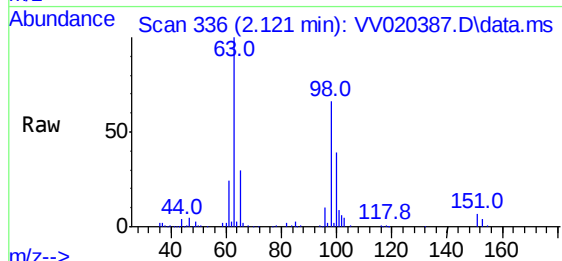




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.28 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV020387.D
 Acq: 23 Feb 2021 18:05

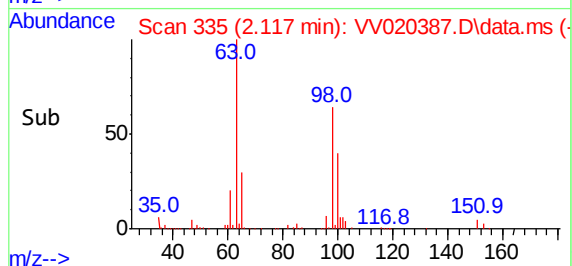
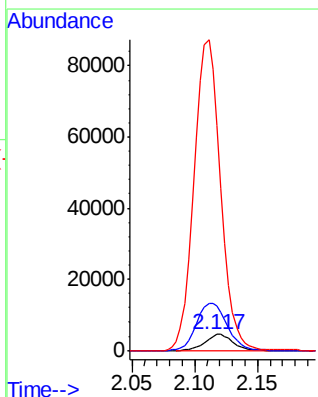
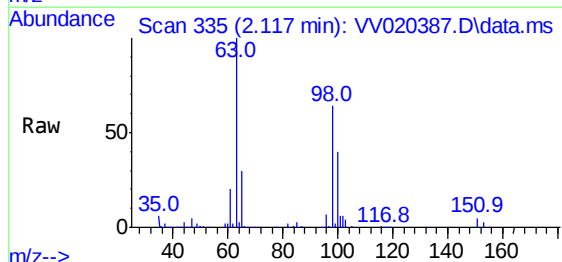
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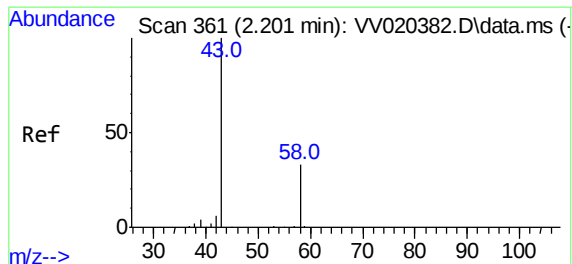
Tgt Ion:101 Resp: 7098
 Ion Ratio Lower Upper
 101 100
 85 37.9 33.0 49.6
 151 70.8 64.2 96.2



#12
 1,1-Dichloroethene
 Concen: 0.28 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV020387.D
 Acq: 23 Feb 2021 18:05

Tgt Ion: 96 Resp: 6827
 Ion Ratio Lower Upper
 96 100
 61 276.0 109.8 204.0#
 63 1401.5 71.3 132.3#

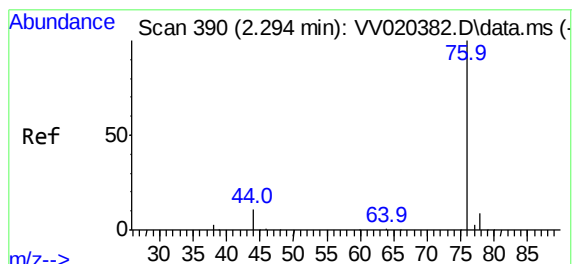
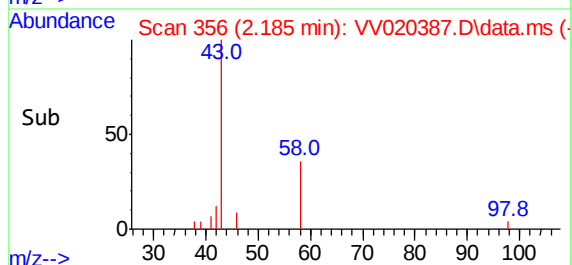
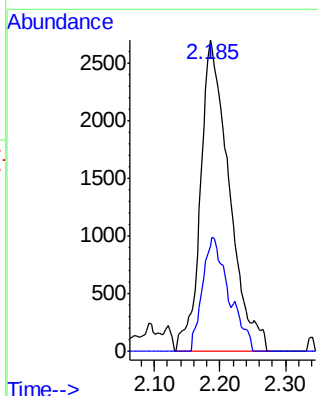
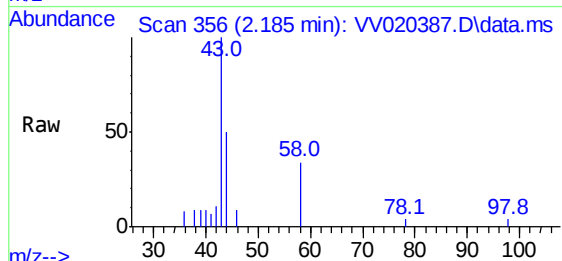




#13
Acetone
Concen: 2.71 ug/L
RT: 2.185 min Scan# 356
Delta R.T. -0.016 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

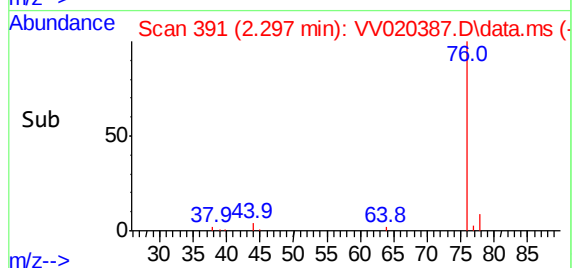
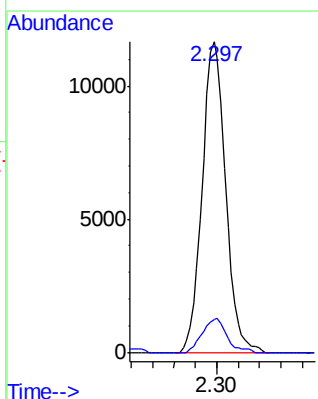
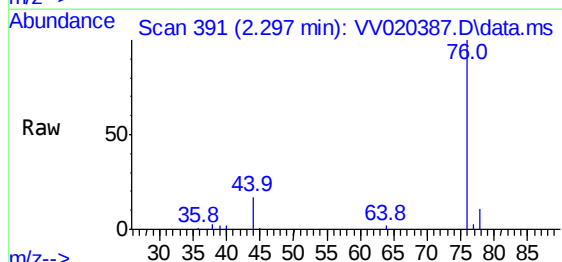
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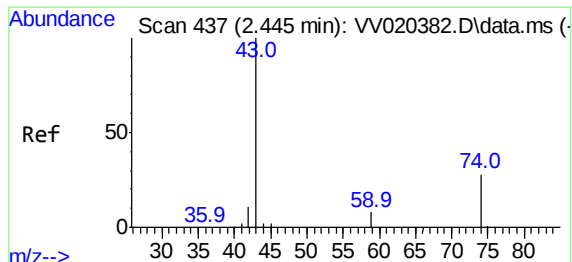
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Ion Ratio Lower Upper
43 100
58 28.0 0.0 67.4



#14
Carbon disulfide
Concen: 0.25 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion: 76 Resp: 17673
Ion Ratio Lower Upper
76 100
78 10.5 7.5 11.3

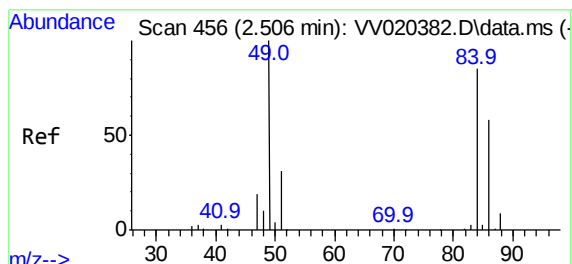
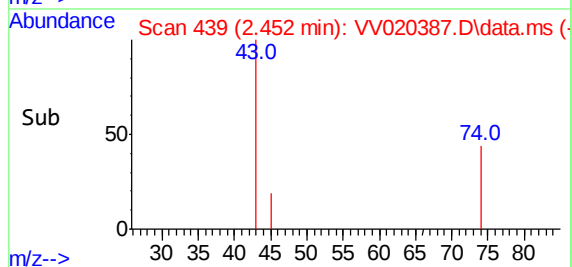
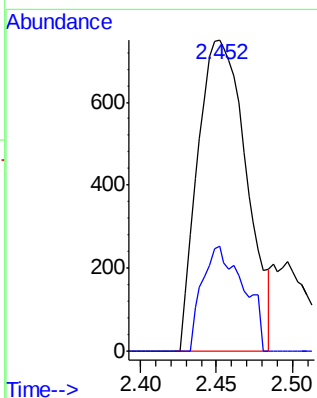
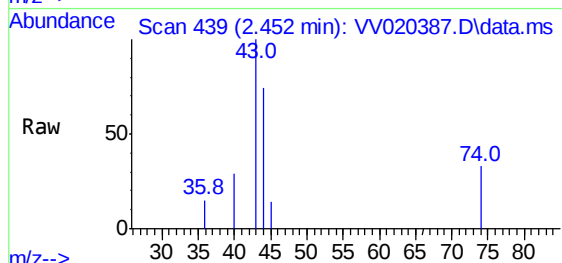




#15
Methyl Acetate
Concen: 0.23 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.006 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

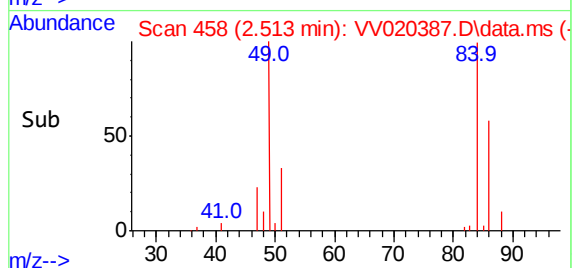
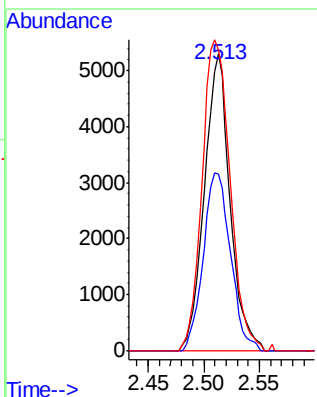
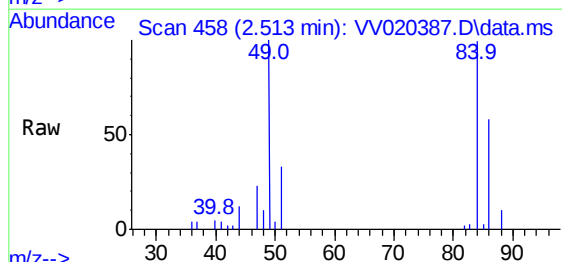
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

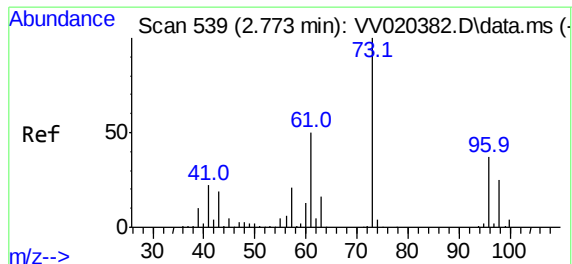
Tgt Ion: 43 Resp: 1670
Ion Ratio Lower Upper
43 100
74 28.6 20.1 30.1



#16
Methylene chloride
Concen: 0.30 ug/L
RT: 2.513 min Scan# 458
Delta R.T. 0.006 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion: 84 Resp: 8481
Ion Ratio Lower Upper
84 100
86 59.2 47.2 87.6
49 101.2 81.9 152.1

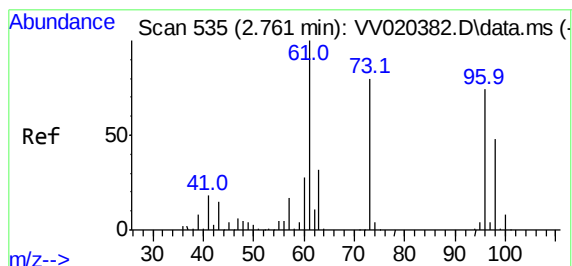
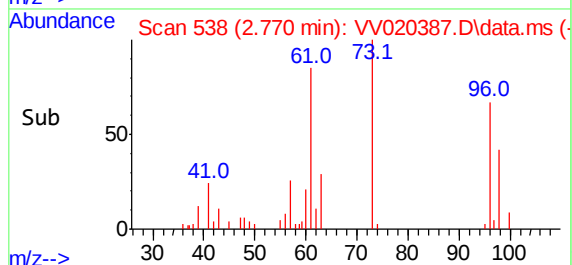
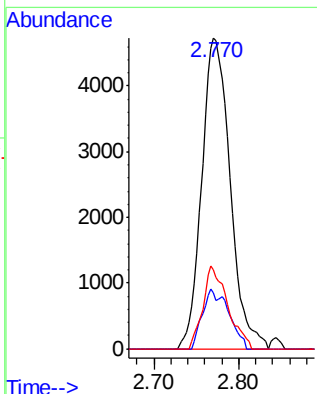
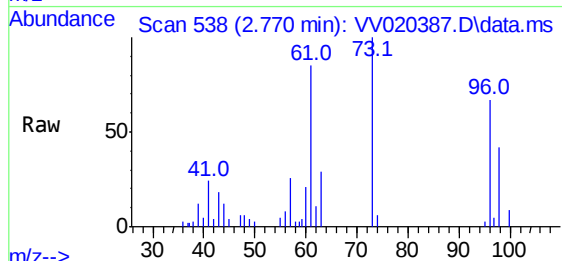




#17
Methyl tert-butyl Ether
Concen: 0.23 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

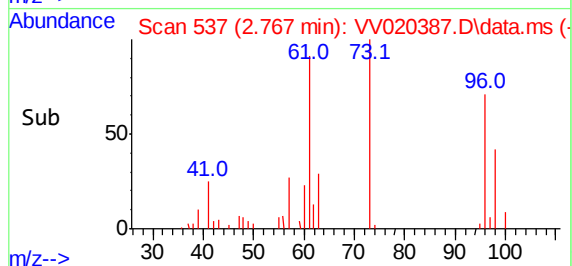
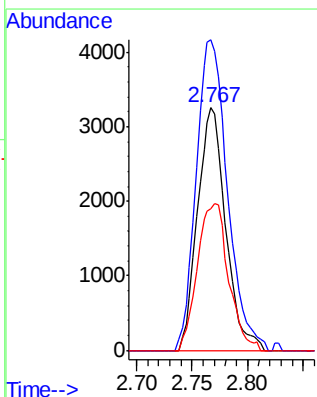
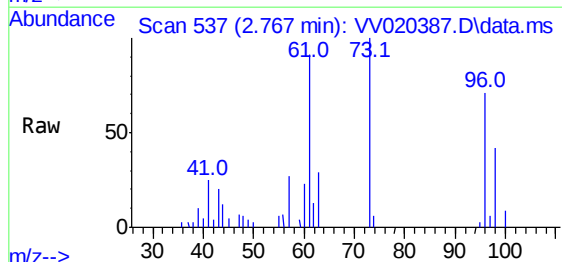
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

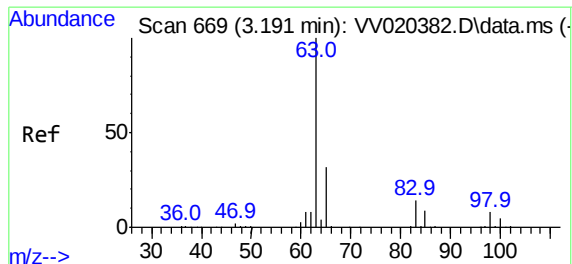
Tgt Ion: 73 Resp: 10977
Ion Ratio Lower Upper
73 100
43 17.6 15.3 22.9
57 23.0 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 0.23 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion: 96 Resp: 5707
Ion Ratio Lower Upper
96 100
61 128.1 94.1 174.8
98 58.4 45.0 83.6



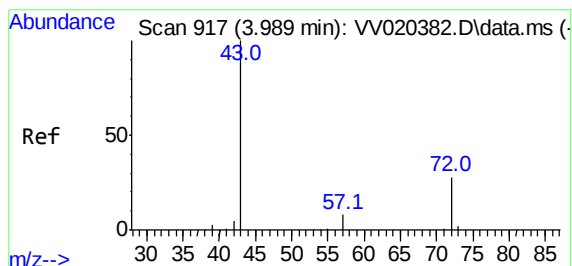
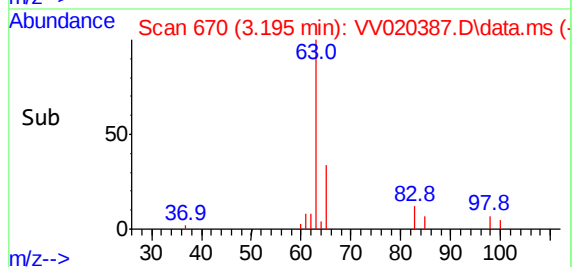
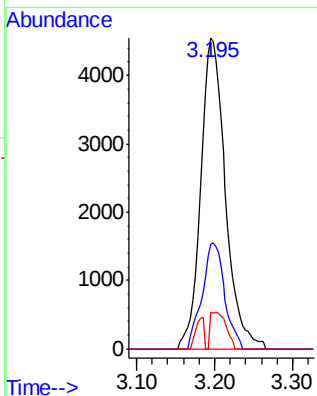
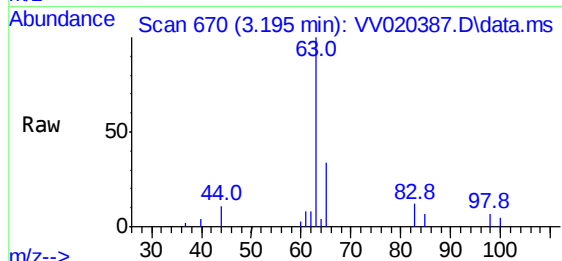


#19
1,1-Dichloroethane
Concen: 0.23 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

Tgt Ion: 63 Resp: 9997

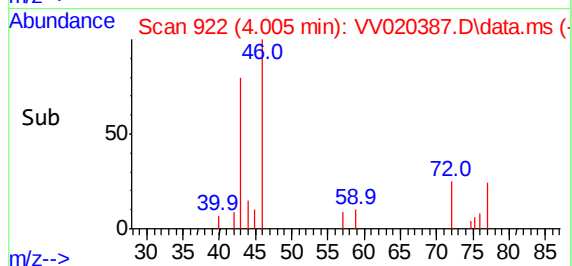
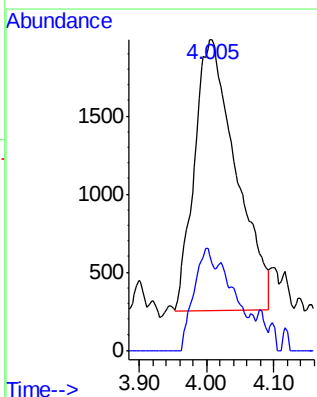
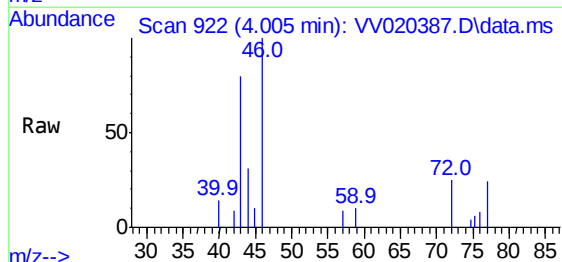
Ion	Ratio	Lower	Upper
63	100		
65	33.8	22.3	41.5
83	12.0	9.7	17.9

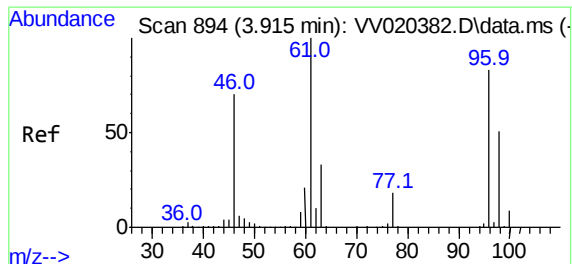


#21
2-Butanone
Concen: 1.68 ug/L
RT: 4.005 min Scan# 922
Delta R.T. 0.016 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion: 43 Resp: 7444

Ion	Ratio	Lower	Upper
43	100		
72	17.4	14.5	43.5



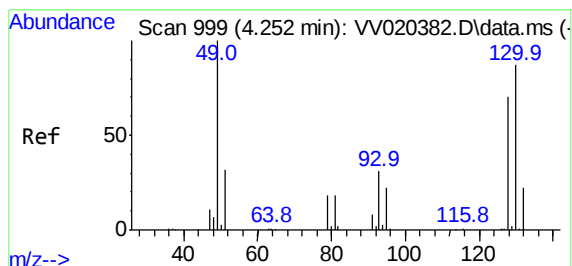
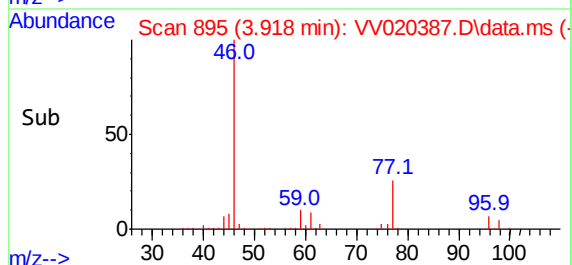
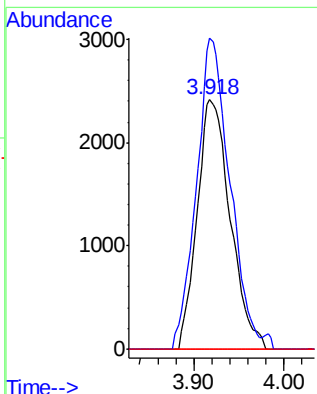
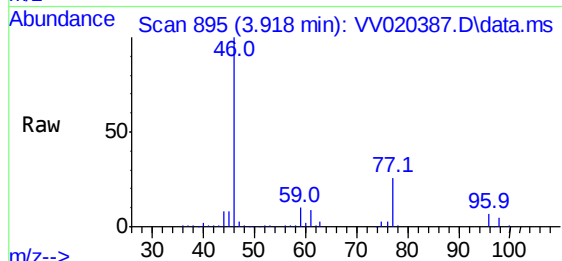


#22
 cis-1,2-Dichloroethene
 Concen: 0.24 ug/L
 RT: 3.918 min Scan# 895
 Delta R.T. 0.003 min
 Lab File: VV020387.D
 Acq: 23 Feb 2021 18:05

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2021-03

Tgt Ion: 96 Resp: 6131

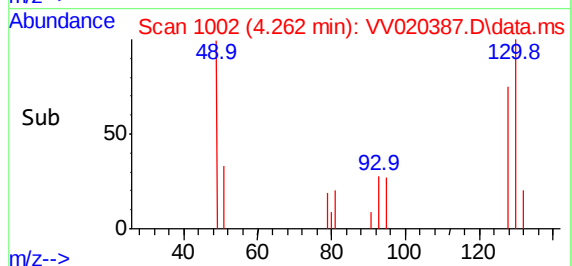
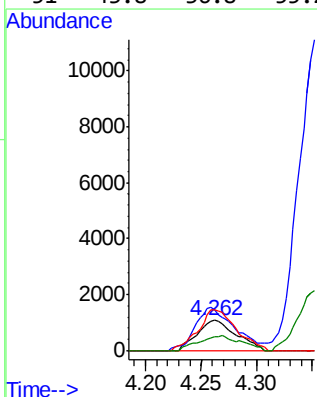
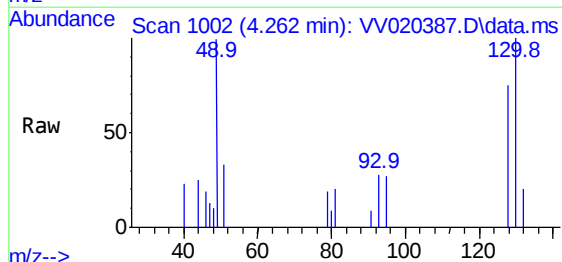
Ion	Ratio	Lower	Upper
96	100		
61	124.7	84.6	157.2
68	0.0	0.0	0.0

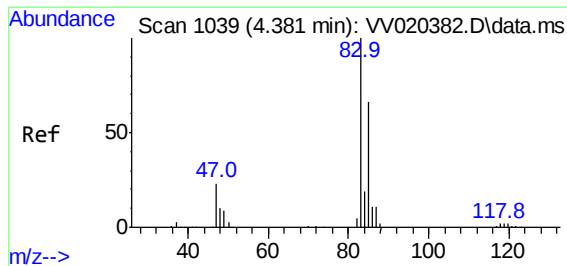


#23
 Bromochloromethane
 Concen: 0.22 ug/L
 RT: 4.262 min Scan# 1002
 Delta R.T. 0.010 min
 Lab File: VV020387.D
 Acq: 23 Feb 2021 18:05

Tgt Ion: 128 Resp: 2597

Ion	Ratio	Lower	Upper
128	100		
49	132.3	100.0	185.8
130	133.6	87.4	162.2
51	43.8	36.8	55.2

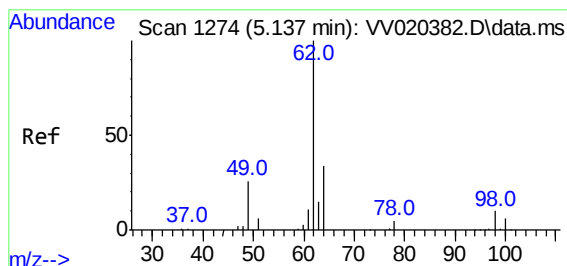
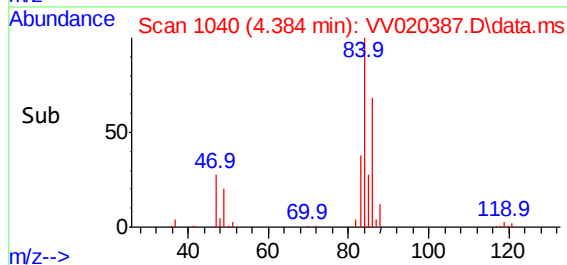
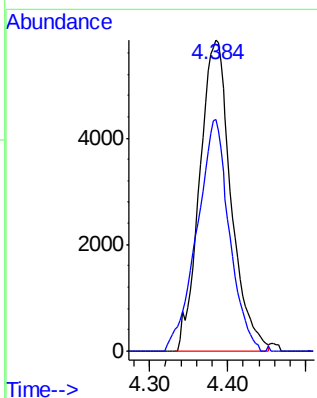
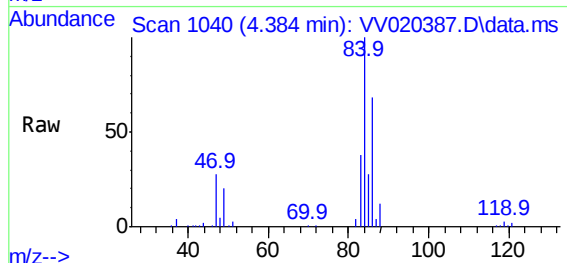




#25
Chloroform
Concen: 0.35 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

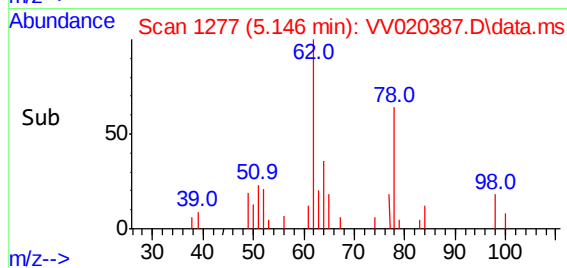
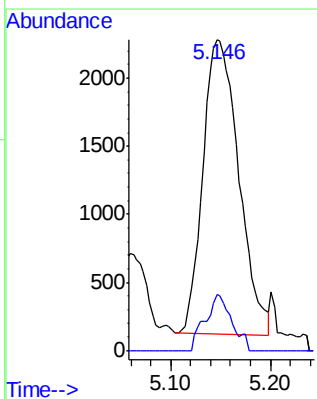
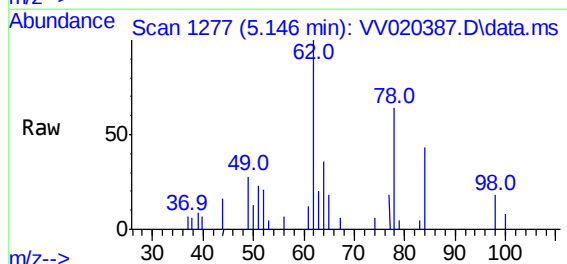
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

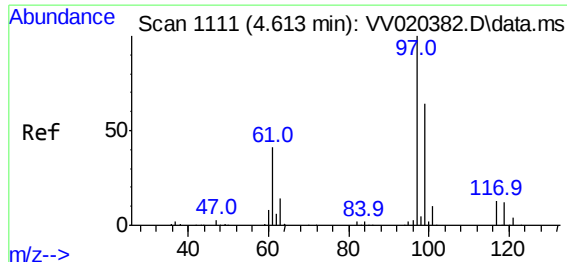
Tgt Ion: 83 Resp: 16366
Ion Ratio Lower Upper
83 100
85 74.6 46.4 86.2



#27
1,2-Dichloroethane
Concen: 0.21 ug/L
RT: 5.146 min Scan# 1277
Delta R.T. 0.010 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion: 62 Resp: 5408
Ion Ratio Lower Upper
62 100
98 18.1 8.0 12.0#





#29

1,1,1-Trichloroethane

Concen: 0.23 ug/L

RT: 4.616 min Scan# 1112

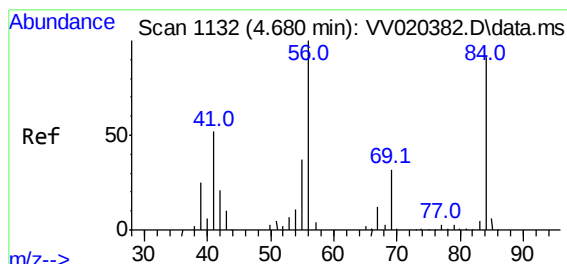
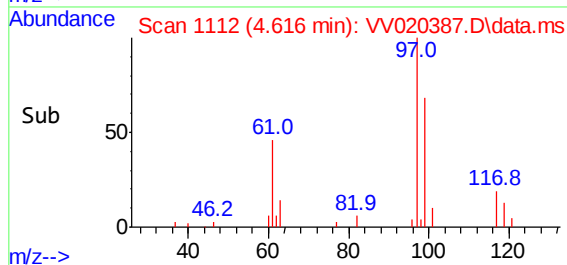
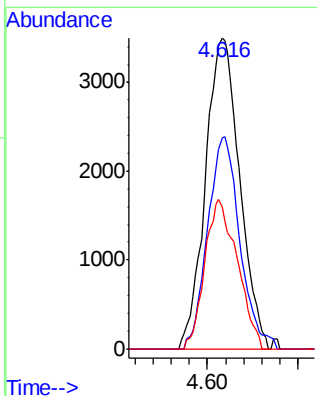
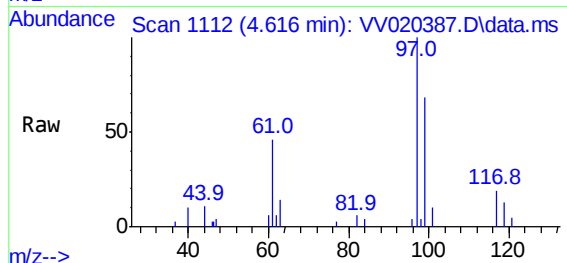
Delta R.T. 0.003 min

Lab File: VV020387.D

Acq: 23 Feb 2021 18:05

Tgt Ion:	97	Resp:	9197
Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.6	75.8
61	45.6	33.2	49.8

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03



#30

Cyclohexane

Concen: 0.23 ug/L

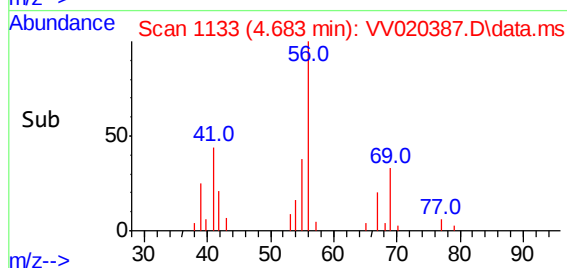
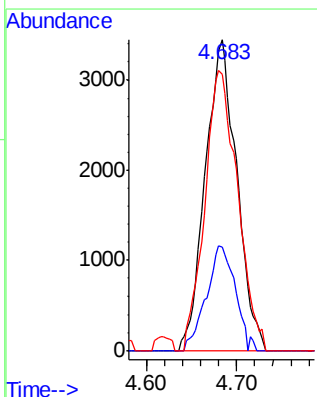
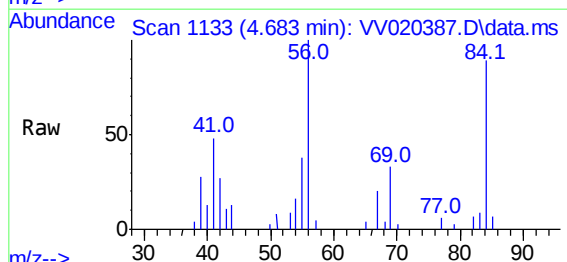
RT: 4.683 min Scan# 1133

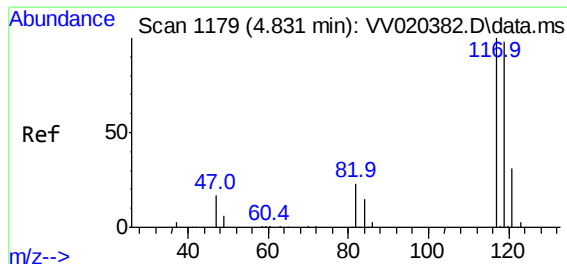
Delta R.T. 0.003 min

Lab File: VV020387.D

Acq: 23 Feb 2021 18:05

Tgt Ion:	56	Resp:	8337
Ion	Ratio	Lower	Upper
56	100		
69	30.9	25.4	38.0
84	93.4	73.5	110.3

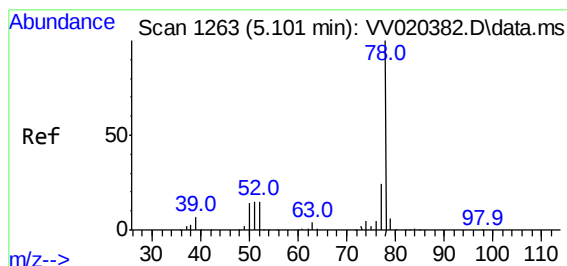
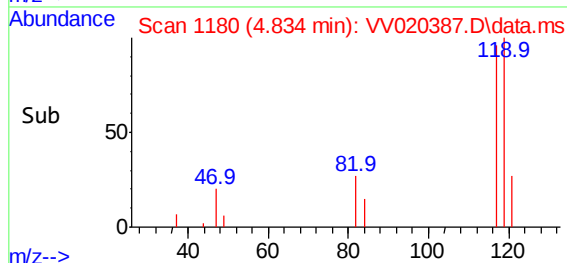
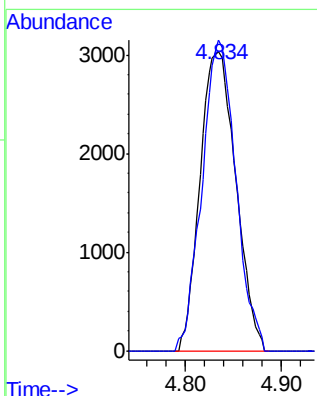
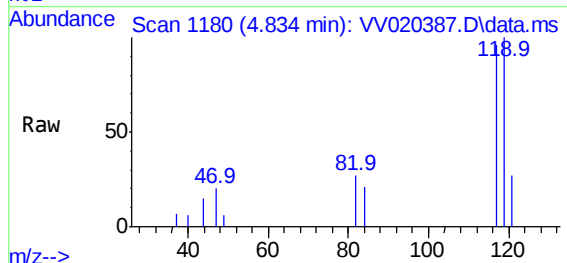




#31
Carbon tetrachloride
Concen: 0.23 ug/L
RT: 4.834 min Scan# 1180
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

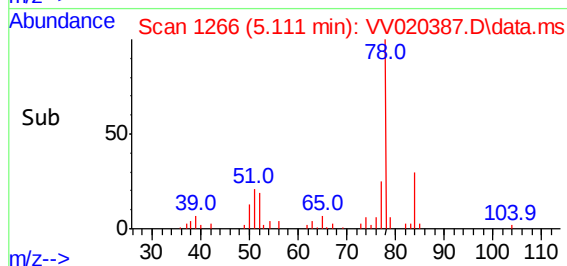
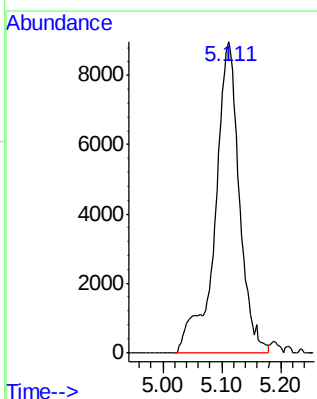
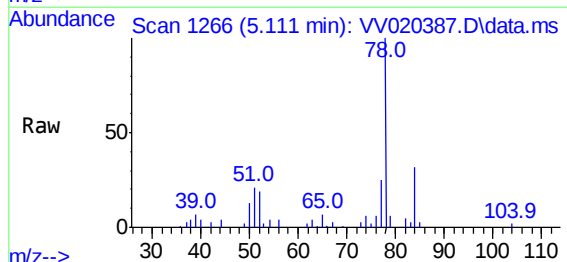
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

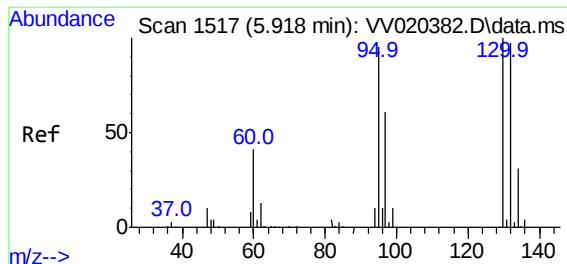
Tgt Ion:117 Resp: 7839
Ion Ratio Lower Upper
117 100
119 97.9 77.4 116.2



#33
Benzene
Concen: 0.26 ug/L
RT: 5.111 min Scan# 1266
Delta R.T. 0.010 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion: 78 Resp: 25336



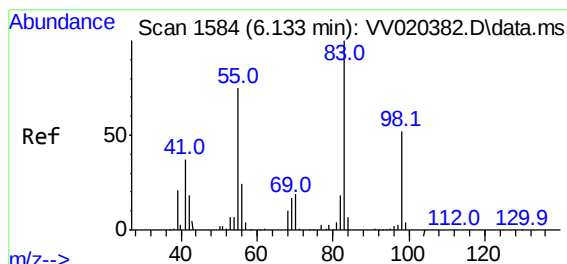
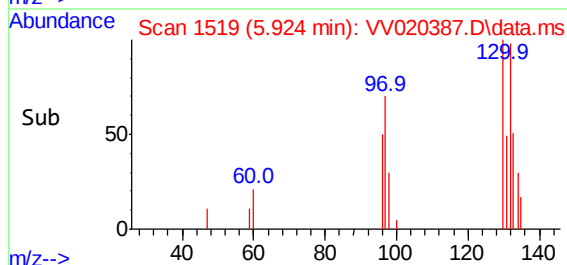
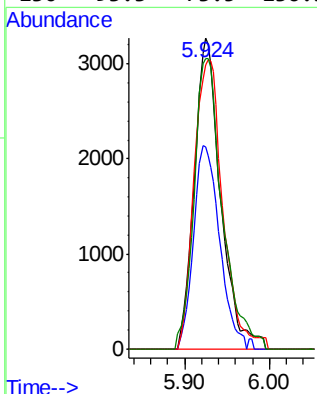
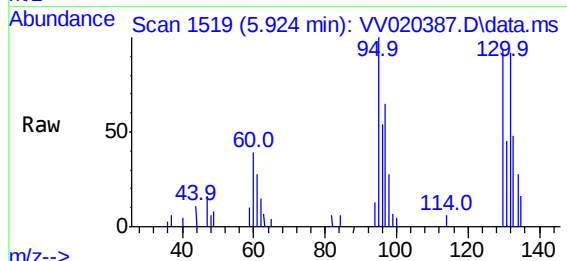


#34
Trichloroethene
Concen: 0.26 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

Tgt Ion: 95 Resp: 7007

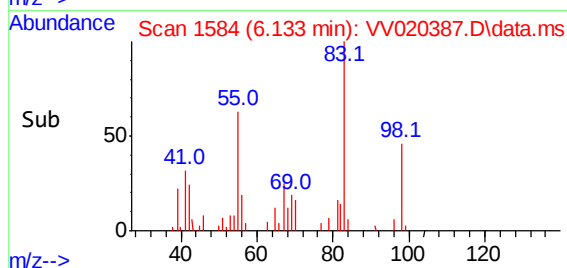
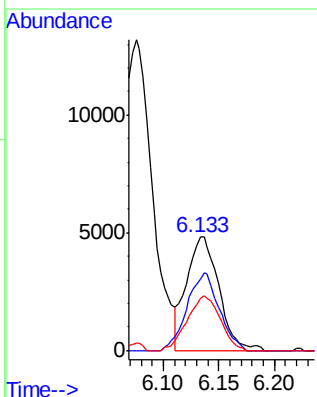
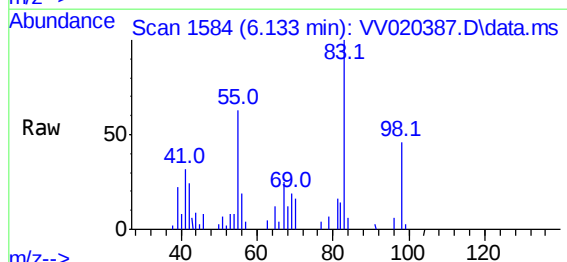
Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.1	83.9
132	91.5	71.5	132.9
130	93.3	73.5	136.5

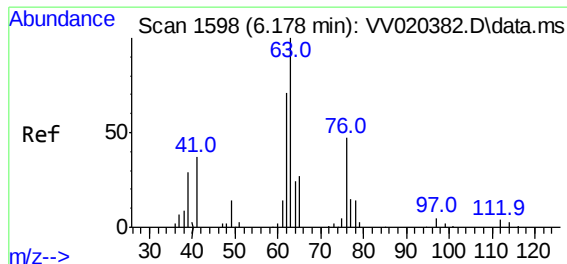


#35
Methylcyclohexane
Concen: 0.24 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion: 83 Resp: 9670

Ion	Ratio	Lower	Upper
83	100		
55	68.0	59.1	88.7
98	49.1	40.1	60.1

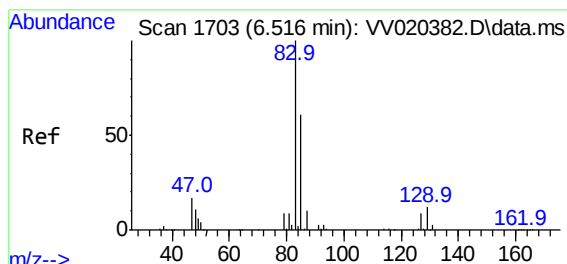
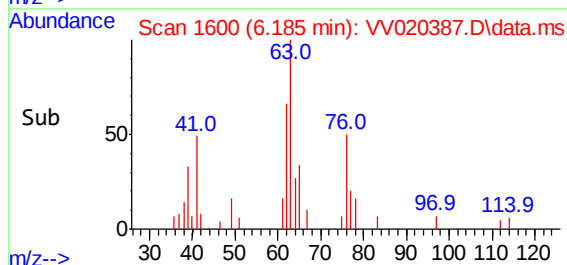
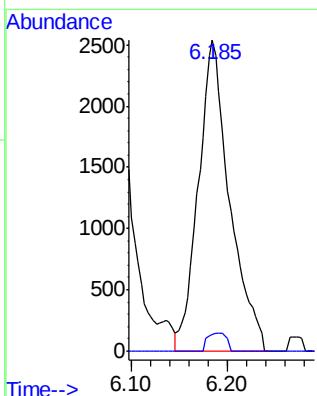
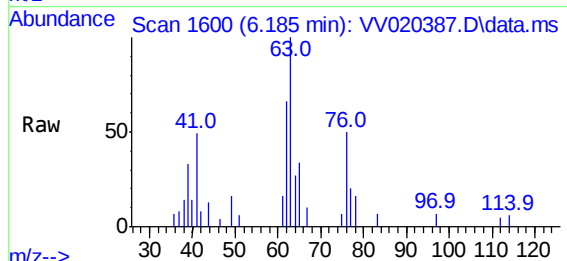




#37
1,2-Dichloropropane
Concen: 0.25 ug/L
RT: 6.185 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

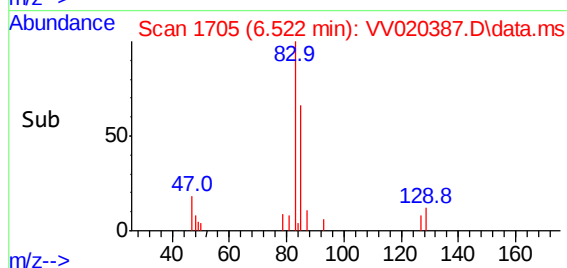
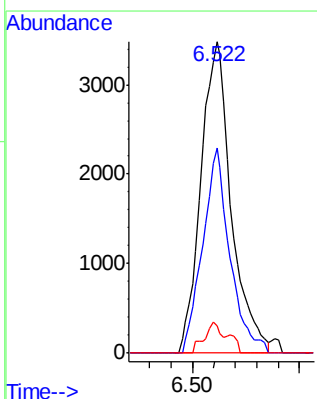
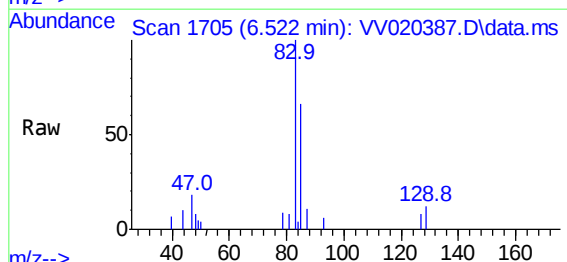
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

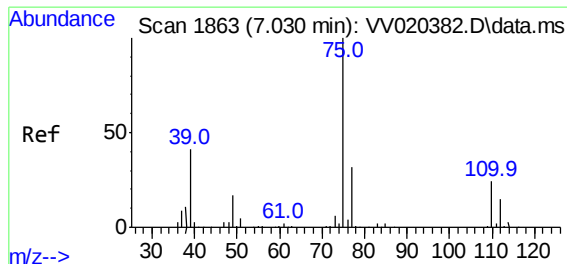
Tgt Ion: 63 Resp: 5706
Ion Ratio Lower Upper
63 100
112 3.4 3.8 5.8#



#38
Bromodichloromethane
Concen: 0.23 ug/L
RT: 6.522 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion: 83 Resp: 6792
Ion Ratio Lower Upper
83 100
85 66.0 43.0 79.8
127 8.5 7.0 10.6

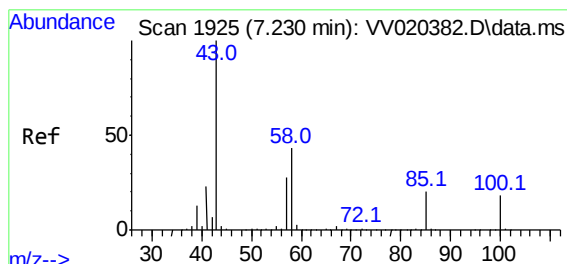
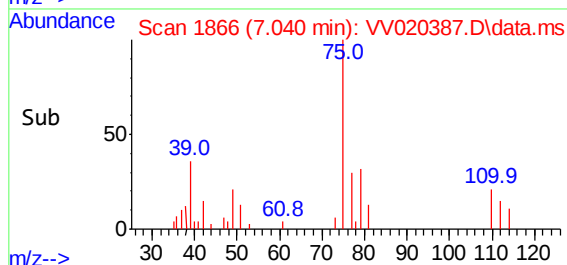
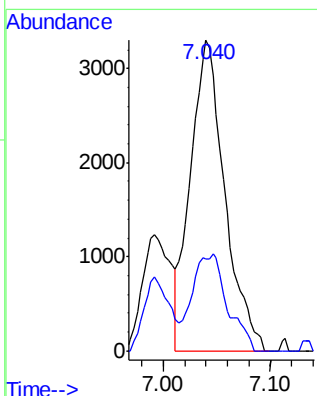
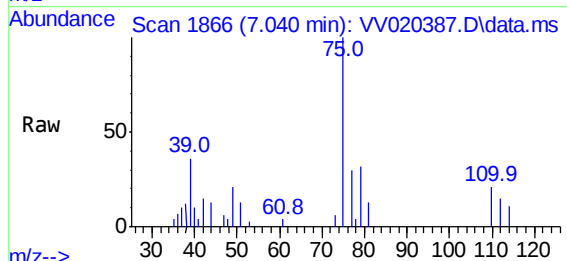




#39
cis-1,3-Dichloropropene
Concen: 0.23 ug/L
RT: 7.040 min Scan# 1866
Delta R.T. 0.010 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

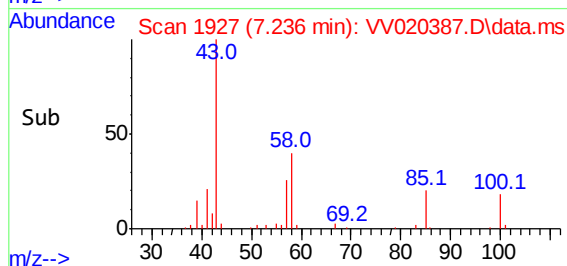
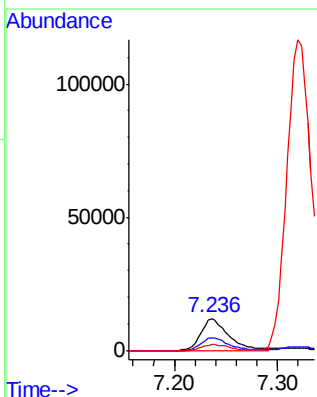
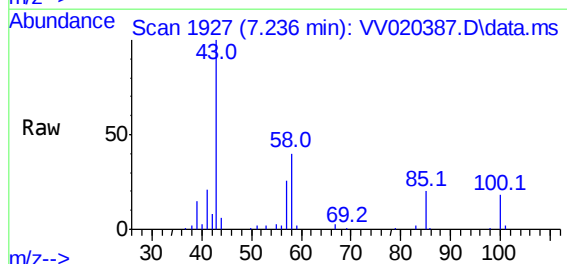
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

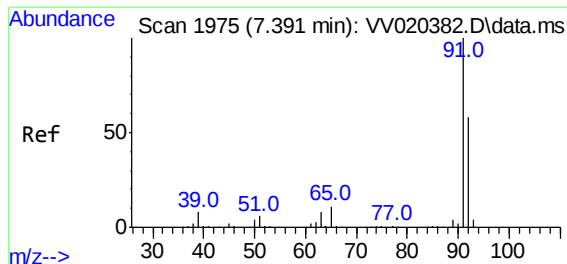
Tgt Ion: 75 Resp: 7357
Ion Ratio Lower Upper
75 100
77 29.6 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 2.02 ug/L
RT: 7.236 min Scan# 1927
Delta R.T. 0.006 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion: 43 Resp: 22080
Ion Ratio Lower Upper
43 100
58 39.3 34.1 51.1
100 0.0 14.6 21.8#

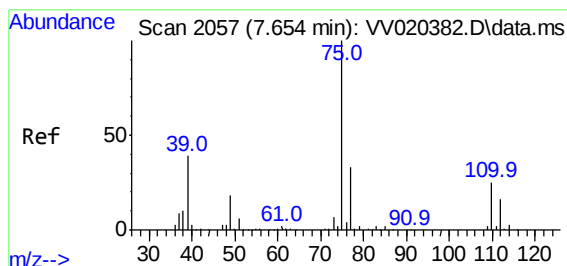
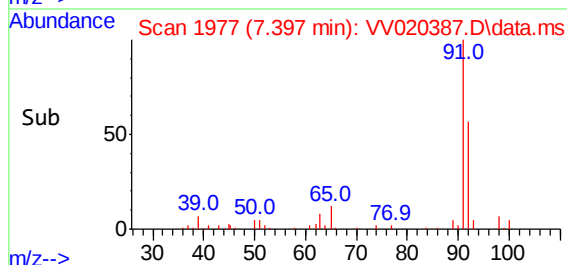
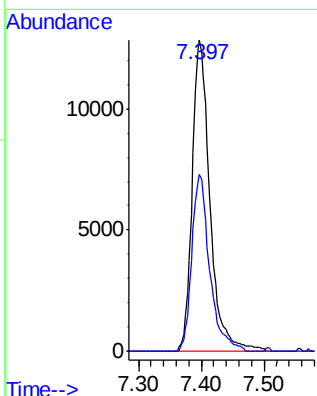
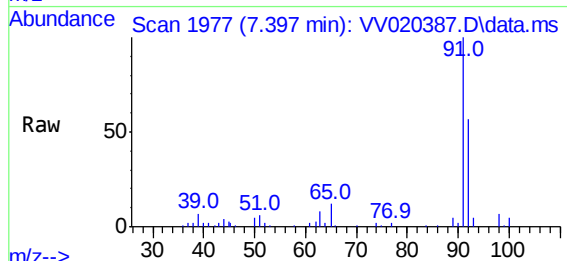




#42
Toluene
Concen: 0.24 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

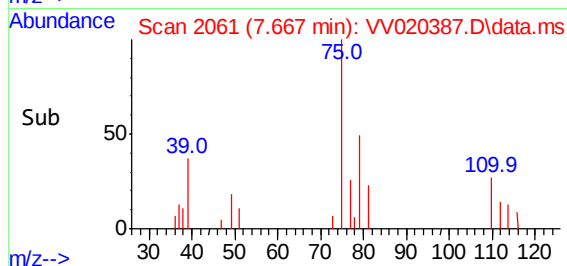
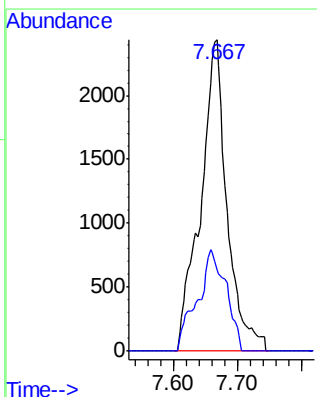
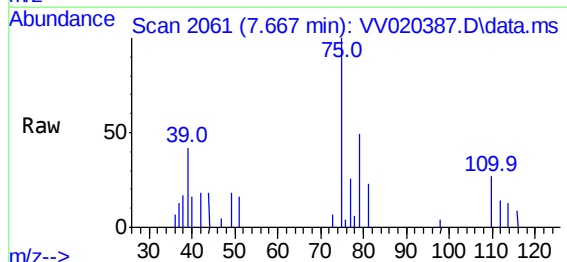
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

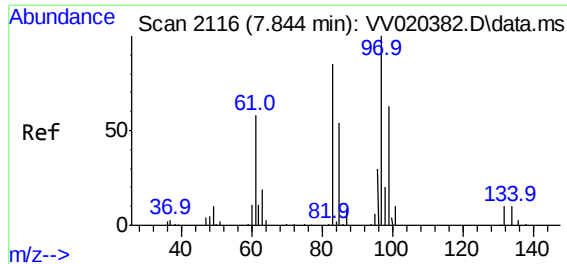
Tgt Ion: 91 Resp: 25072
Ion Ratio Lower Upper
91 100
92 56.6 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.27 ug/L
RT: 7.667 min Scan# 2061
Delta R.T. 0.013 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion: 75 Resp: 6934
Ion Ratio Lower Upper
75 100
77 26.0 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 0.24 ug/L

RT: 7.847 min Scan# 2117

Delta R.T. 0.003 min

Lab File: VV020387.D

Acq: 23 Feb 2021 18:05

Tgt Ion: 97 Resp: 3926

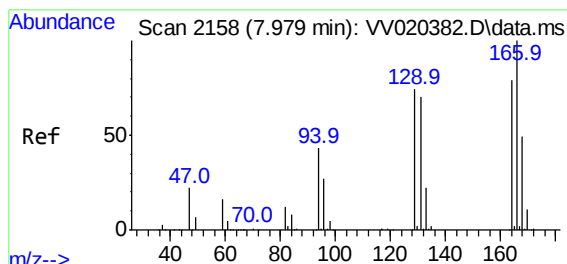
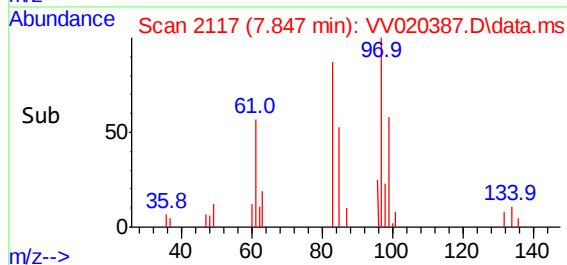
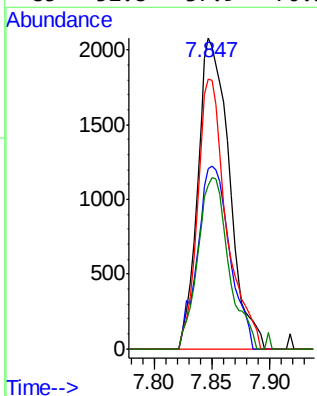
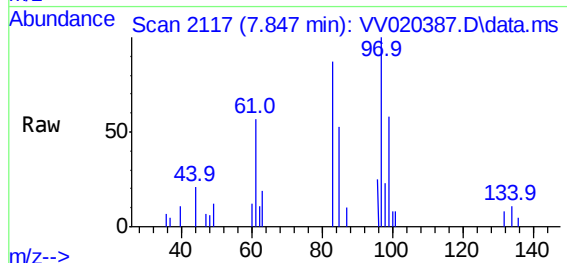
Ion Ratio Lower Upper

97 100

99 57.8 44.1 81.9

83 86.9 59.4 110.4

85 52.8 37.9 70.5



#47

Tetrachloroethene

Concen: 0.23 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.003 min

Lab File: VV020387.D

Acq: 23 Feb 2021 18:05

Tgt Ion: 164 Resp: 5389

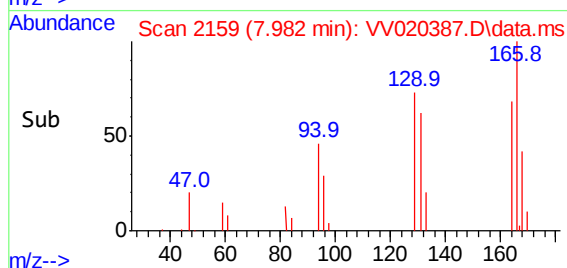
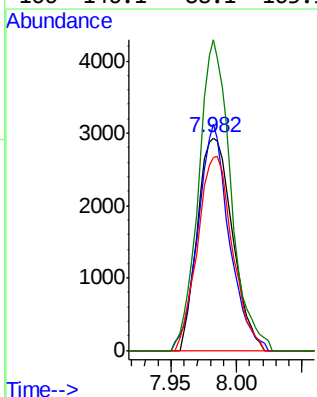
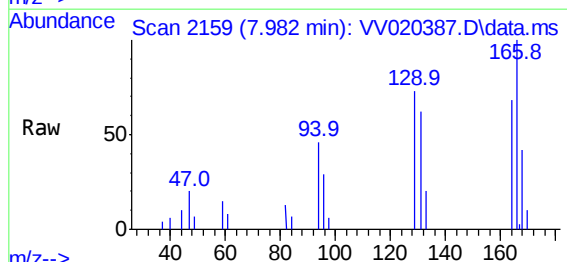
Ion Ratio Lower Upper

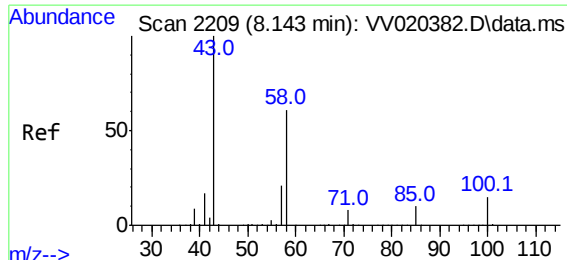
164 100

129 106.5 65.0 120.6

131 91.0 61.8 114.8

166 146.1 88.1 163.5



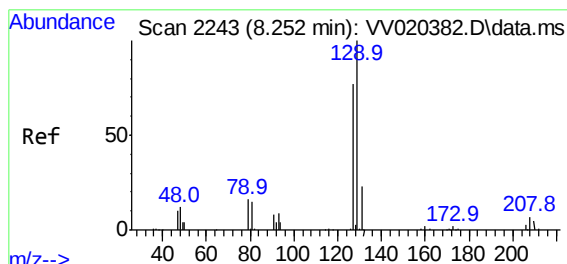
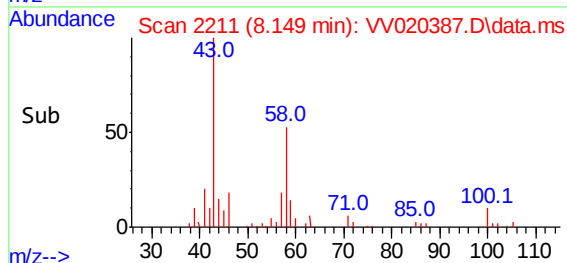
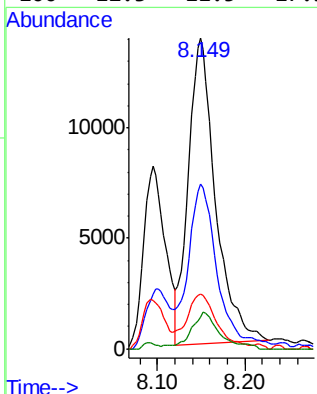
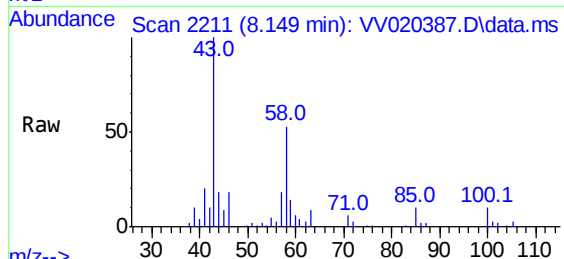


#48
2-Hexanone
Concen: 3.85 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.006 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

Tgt Ion: 43 Resp: 29695

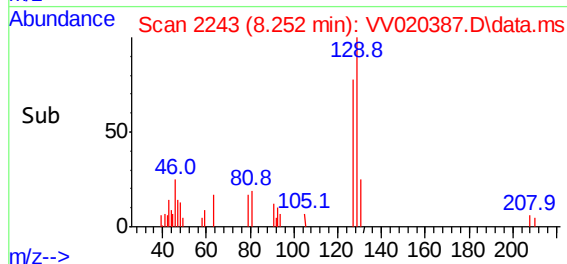
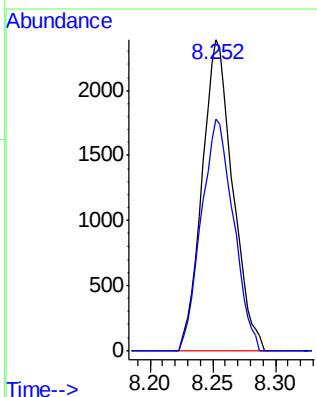
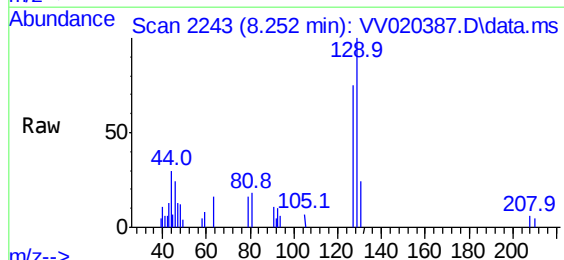
Ion	Ratio	Lower	Upper
43	100		
58	54.7	47.8	71.8
57	20.3	16.6	24.8
100	12.3	11.5	17.3

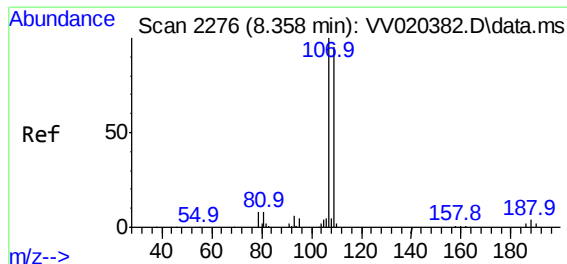


#49
Dibromochloromethane
Concen: 0.21 ug/L
RT: 8.252 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion: 129 Resp: 4054

Ion	Ratio	Lower	Upper
129	100		
127	74.7	53.6	99.6

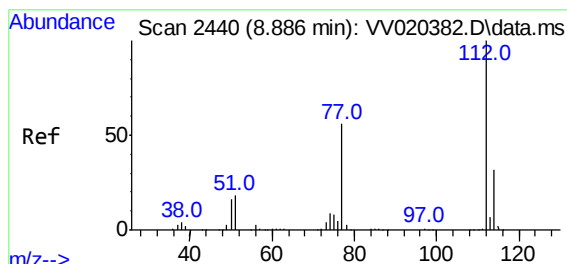
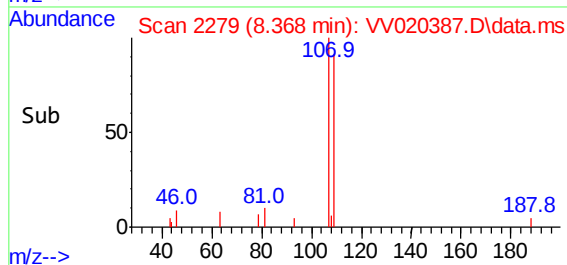
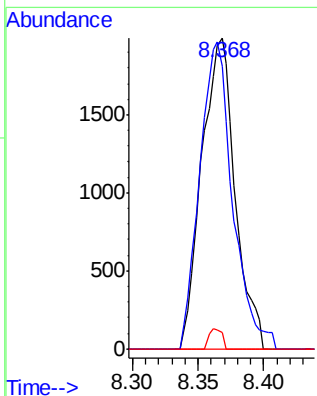
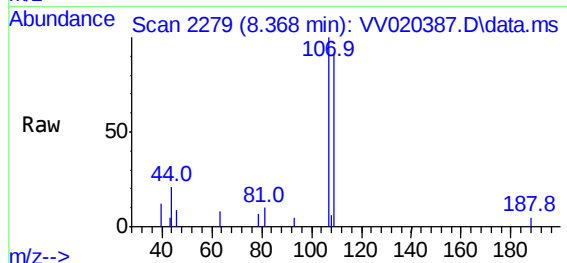




#50
1,2-Dibromoethane
Concen: 0.23 ug/L
RT: 8.368 min Scan# 2279
Delta R.T. 0.010 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

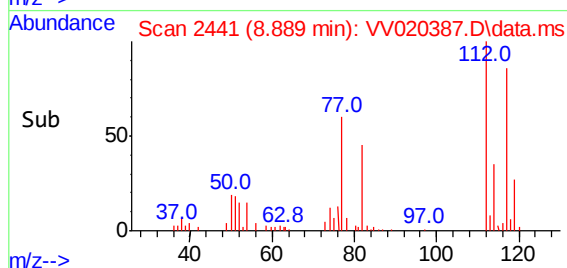
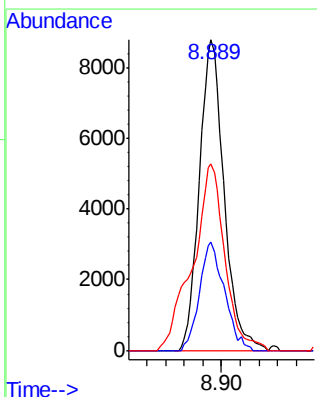
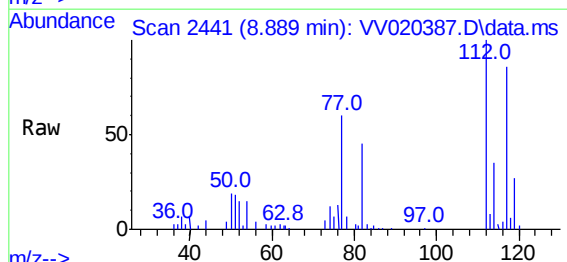
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

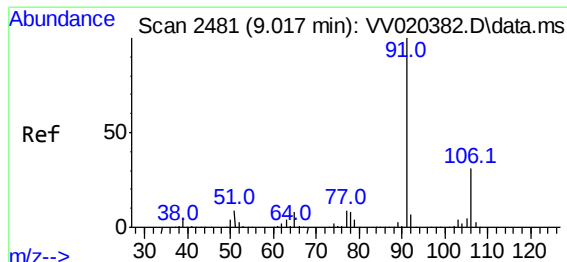
Tgt Ion:107 Resp: 3512
Ion Ratio Lower Upper
107 100
109 91.1 66.6 123.8
188 5.3 3.3 4.9#



#51
Chlorobenzene
Concen: 0.23 ug/L
RT: 8.889 min Scan# 2441
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion:112 Resp: 16173
Ion Ratio Lower Upper
112 100
114 35.0 22.4 41.6
77 60.2 45.0 67.4

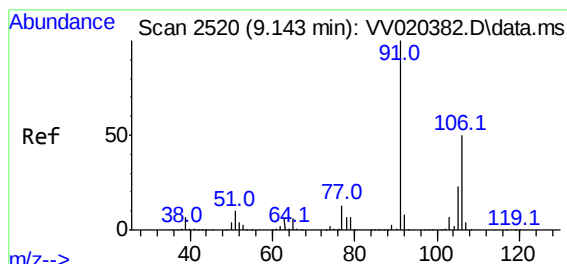
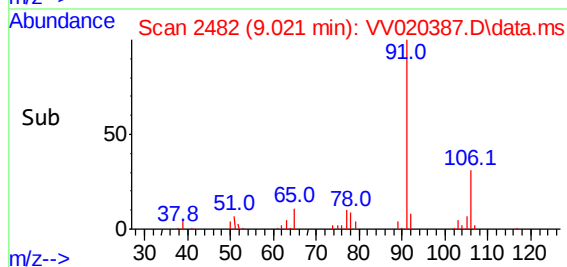
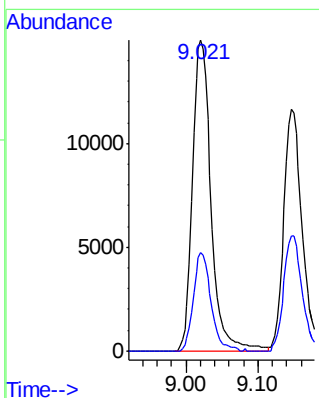
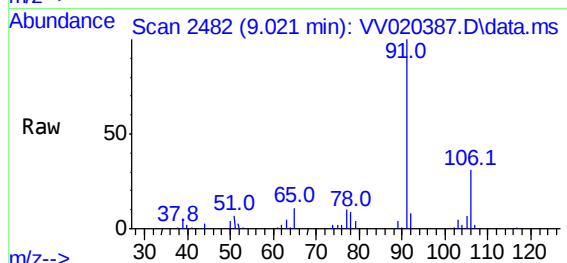




#52
Ethylbenzene
Concen: 0.23 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

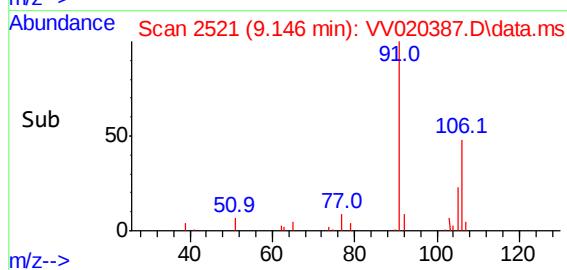
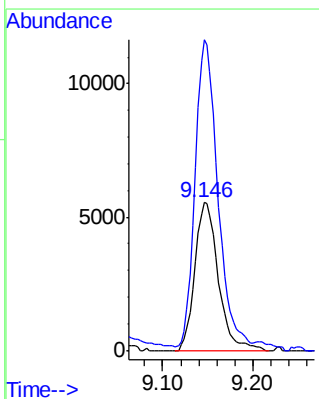
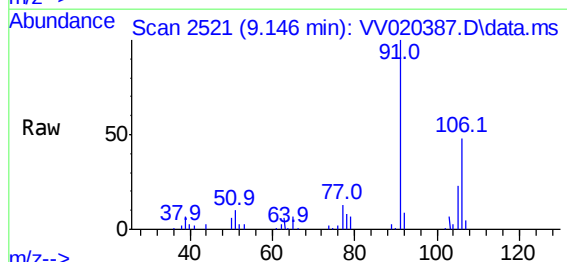
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

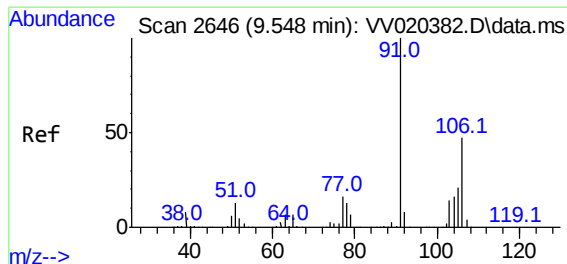
Tgt Ion: 91 Resp: 26761
Ion Ratio Lower Upper
91 100
106 31.5 21.6 40.2



#53
m,p-xylene
Concen: 0.22 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion: 106 Resp: 10016
Ion Ratio Lower Upper
106 100
91 210.4 141.3 262.3

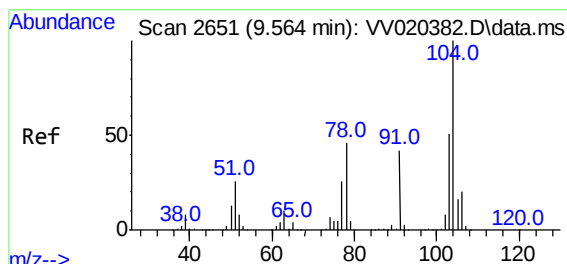
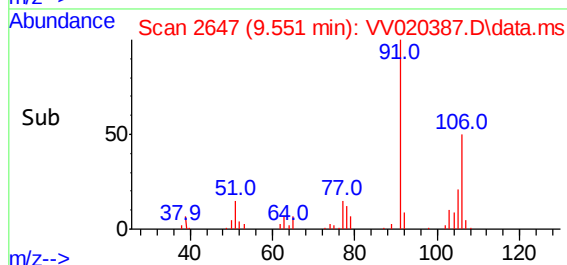
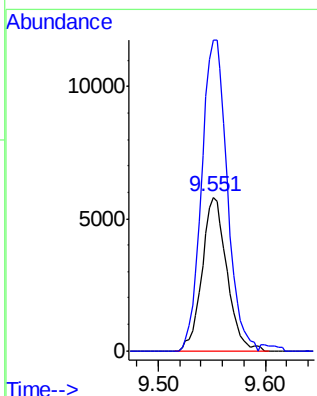
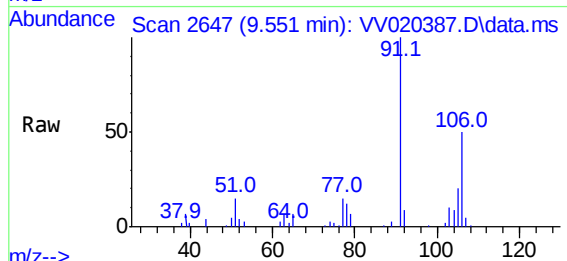




#54
o-xylene
Concen: 0.22 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

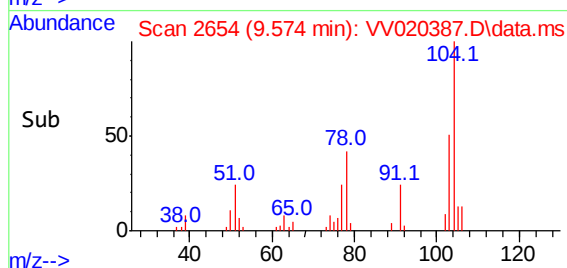
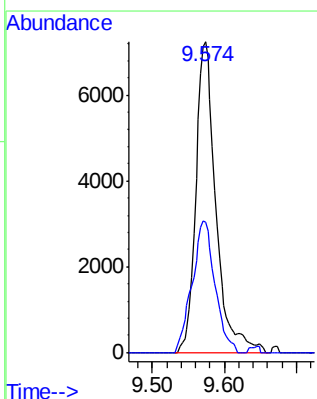
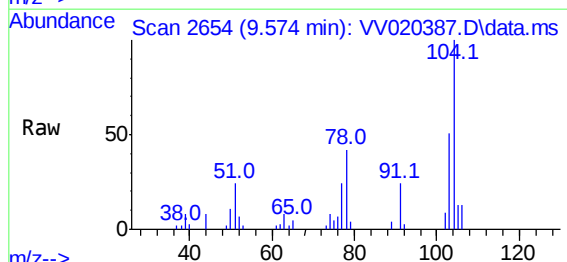
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

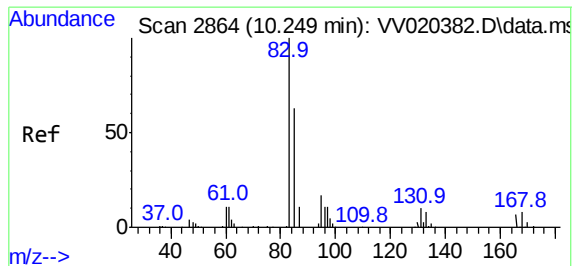
Tgt Ion:106 Resp: 9221
Ion Ratio Lower Upper
106 100
91 201.9 149.5 277.7



#55
Styrene
Concen: 0.20 ug/L
RT: 9.574 min Scan# 2654
Delta R.T. 0.010 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion:104 Resp: 13940
Ion Ratio Lower Upper
104 100
78 41.7 31.9 59.2



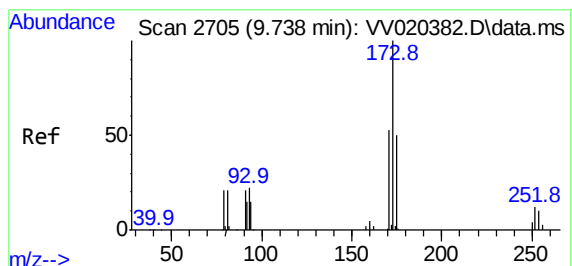
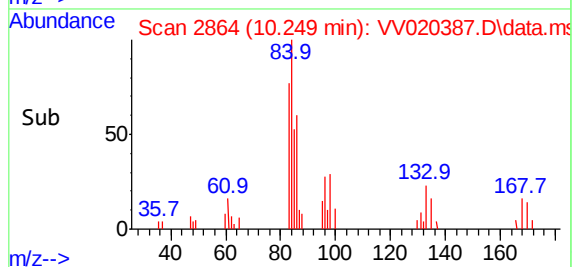
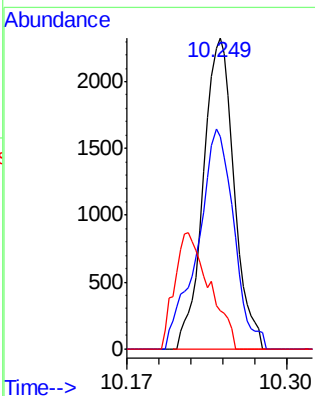
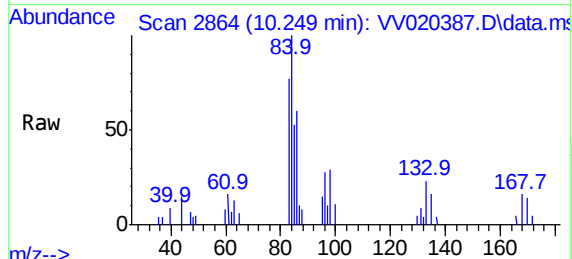


#57
1,1,2,2-Tetrachloroethane
Concen: 0.23 ug/L
RT: 10.249 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

Tgt Ion: 83 Resp: 4015

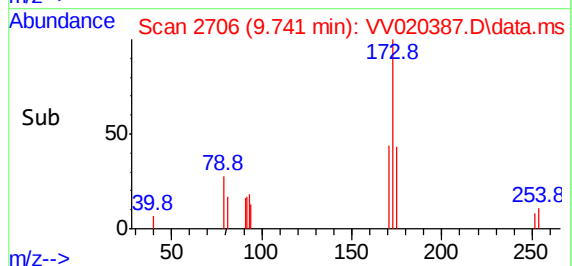
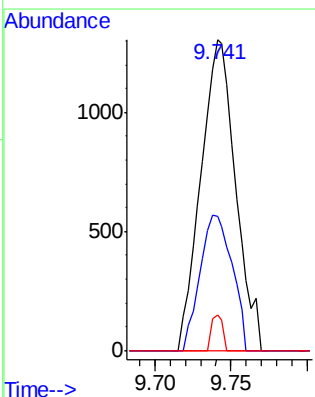
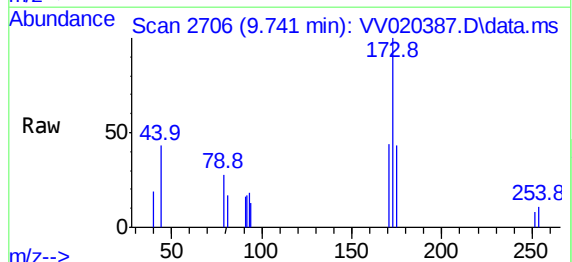
Ion	Ratio	Lower	Upper
83	100		
85	68.3	44.6	82.8
131	12.2	8.4	12.6

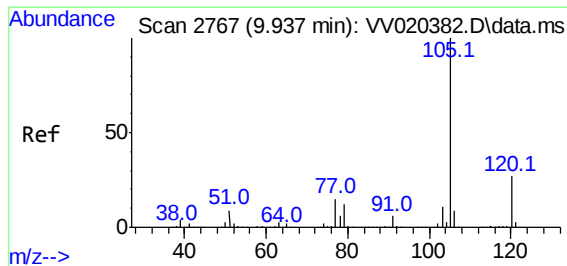


#59
Bromoform
Concen: 0.23 ug/L
RT: 9.741 min Scan# 2706
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion: 173 Resp: 2076

Ion	Ratio	Lower	Upper
173	100		
175	40.2	38.9	58.3
254	3.8	8.3	12.5#

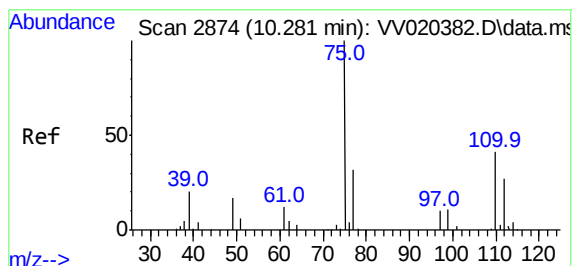
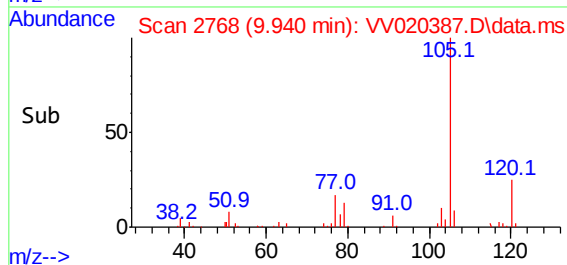
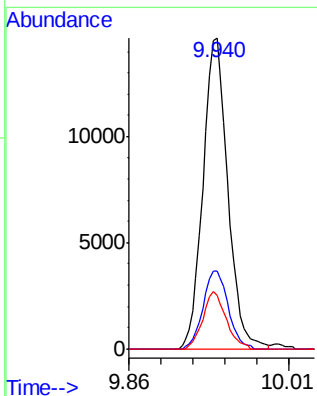
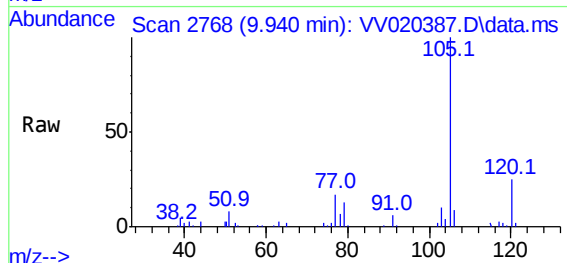




#60
Isopropylbenzene
Concen: 0.22 ug/L
RT: 9.940 min Scan# 2768
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

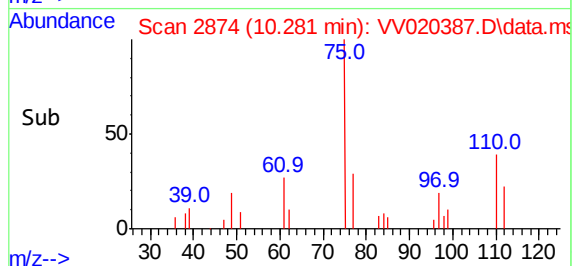
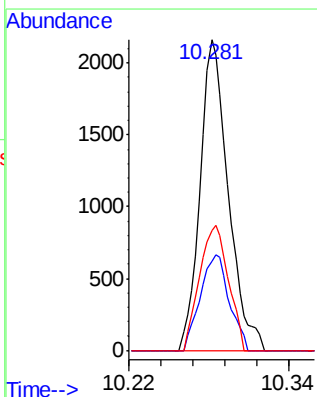
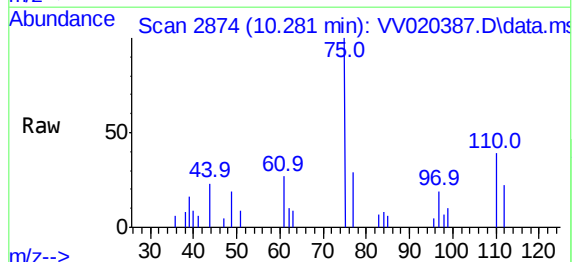
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

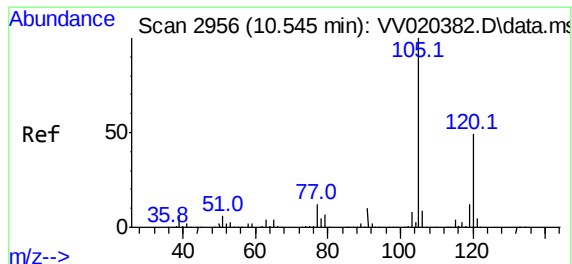
Tgt Ion:	105	Resp:	23396
Ion	Ratio	Lower	Upper
105	100		
120	25.3	21.7	32.5
77	17.1	12.3	18.5



#61
1,2,3-Trichloropropane
Concen: 0.27 ug/L
RT: 10.281 min Scan# 2874
Delta R.T. -0.000 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion:	75	Resp:	3342
Ion	Ratio	Lower	Upper
75	100		
77	31.8	26.1	39.1
110	41.4	33.2	49.8

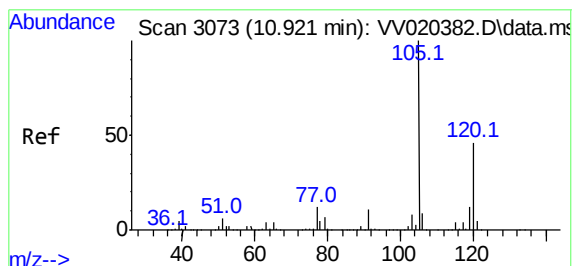
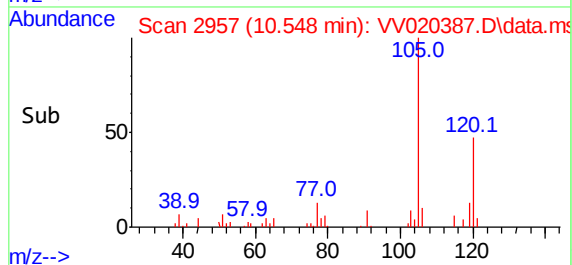
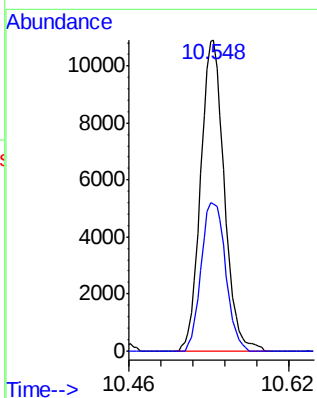
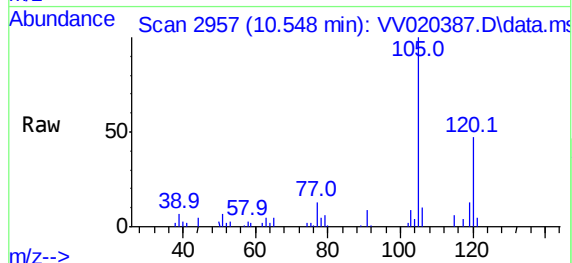




#62
1,3,5-Trimethylbenzene
Concen: 0.21 ug/L
RT: 10.548 min Scan# 2957
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

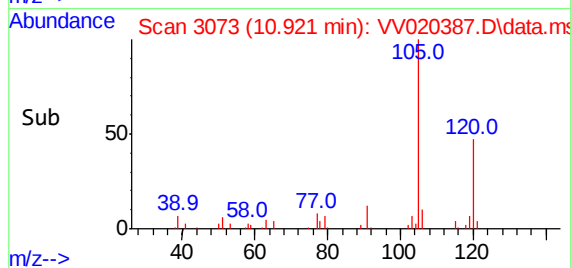
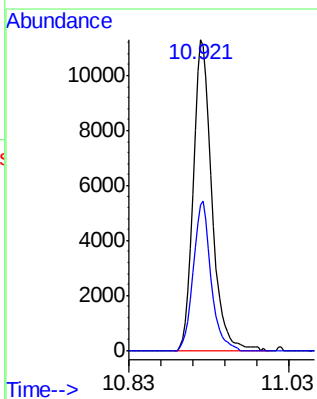
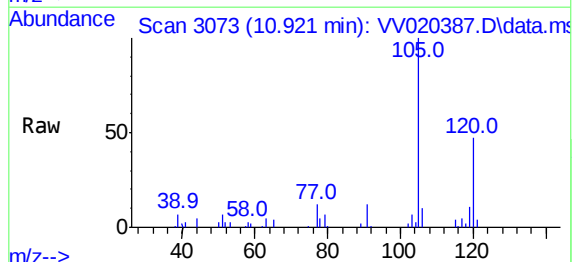
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

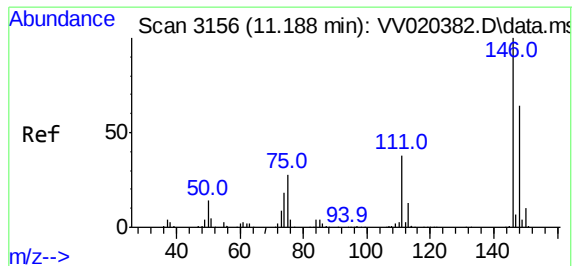
Tgt Ion:105 Resp: 17879
Ion Ratio Lower Upper
105 100
120 49.4 39.4 59.0



#63
1,2,4-Trimethylbenzene
Concen: 0.21 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.000 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion:105 Resp: 17943
Ion Ratio Lower Upper
105 100
120 46.0 36.7 55.1

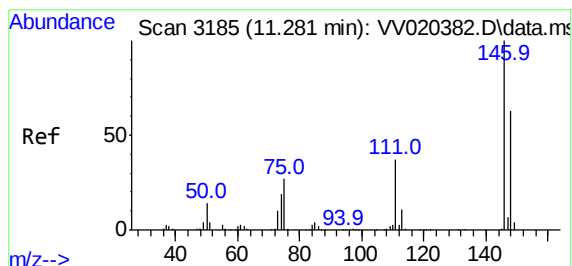
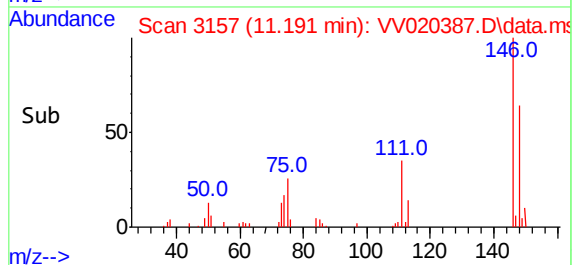
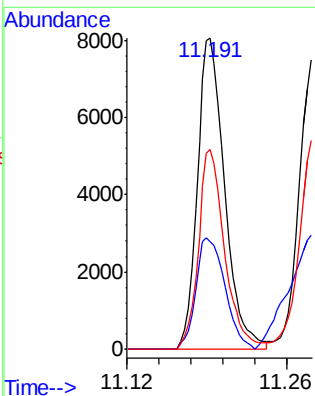
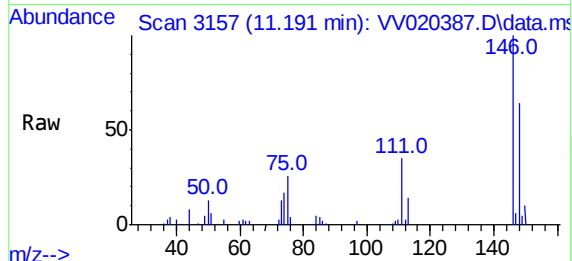




#64
1,3-Dichlorobenzene
Concen: 0.25 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

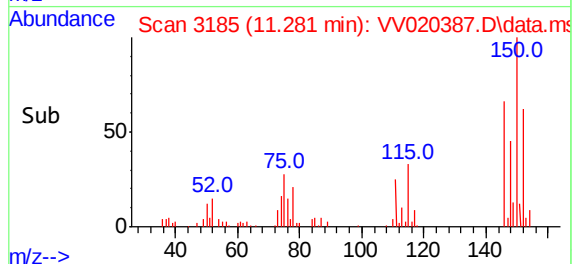
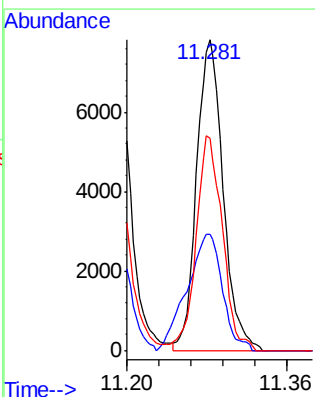
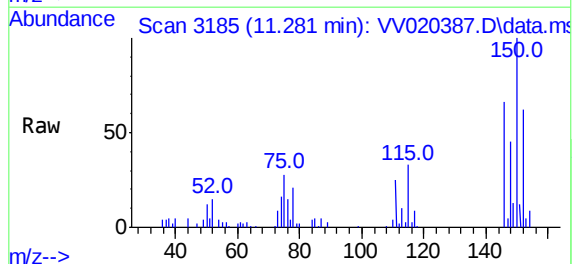
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

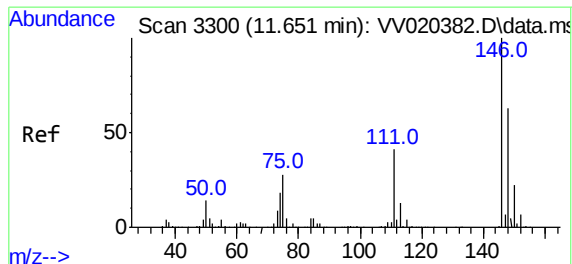
Tgt Ion:146 Resp: 13181
Ion Ratio Lower Upper
146 100
111 34.7 26.8 49.8
148 64.2 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 0.26 ug/L
RT: 11.281 min Scan# 3185
Delta R.T. 0.000 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion:146 Resp: 13860
Ion Ratio Lower Upper
146 100
111 37.4 25.8 47.8
148 68.2 43.9 81.5

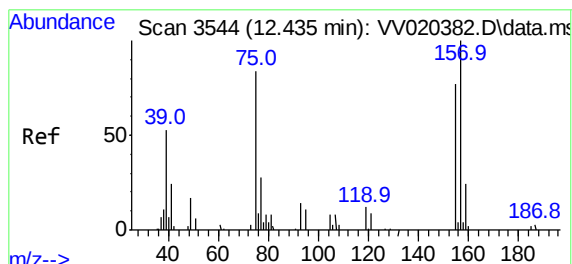
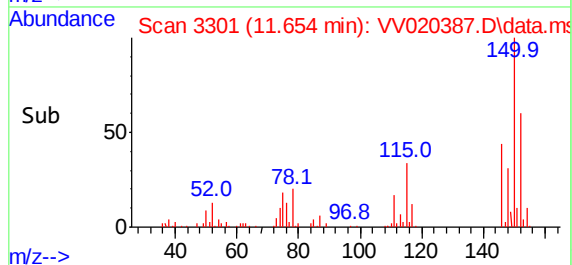
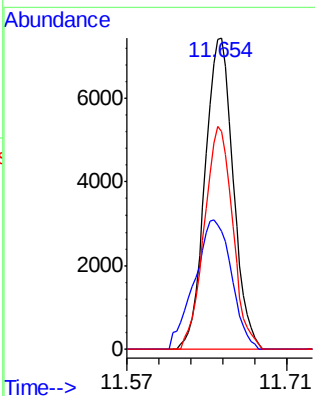
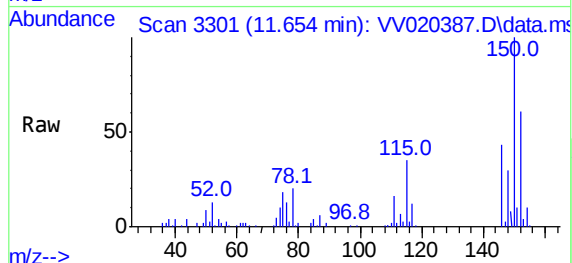




#67
1,2-Dichlorobenzene
Concen: 0.26 ug/L
RT: 11.654 min Scan# 3301
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

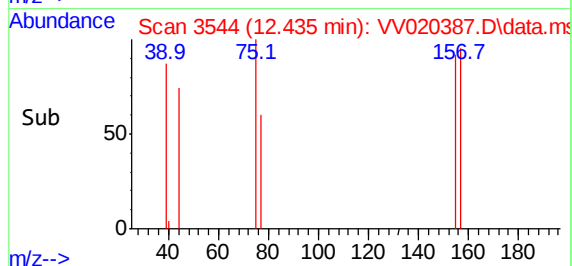
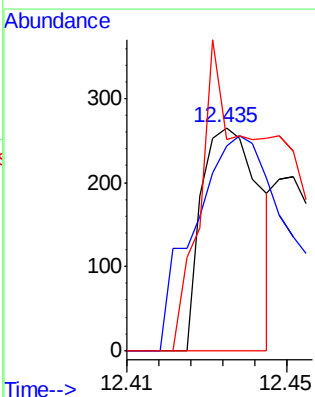
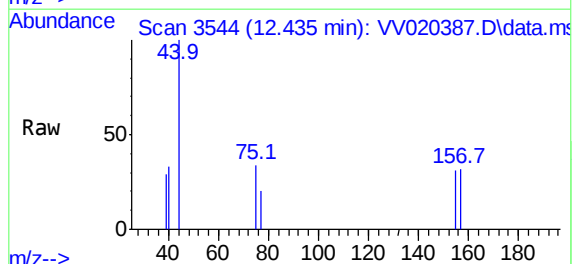
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

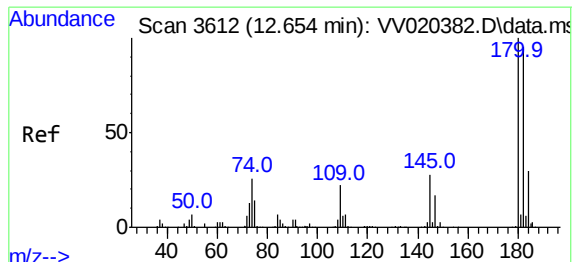
Tgt Ion:146 Resp: 12522
Ion Ratio Lower Upper
146 100
111 37.9 32.6 49.0
148 69.7 50.8 76.2



#68
1,2-Dibromo-3-chloropropane
Concen: 0.12 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. -0.000 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion: 75 Resp: 259
Ion Ratio Lower Upper
75 100
155 92.1 72.8 109.2
157 94.7 94.7 142.1#



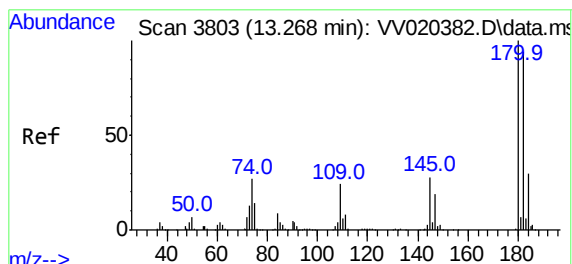
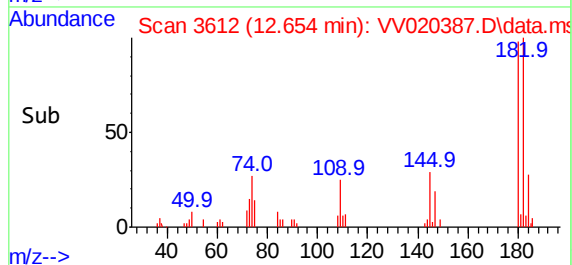
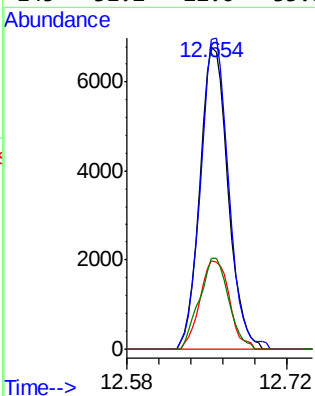
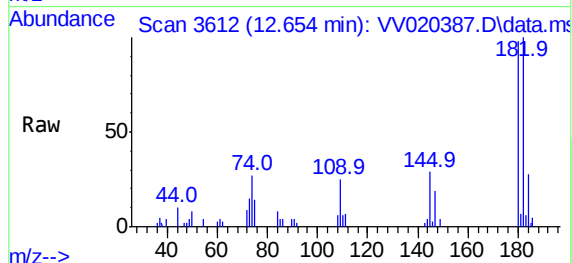


#69
 1,3,5-Trichlorobenzene
 Concen: 0.25 ug/L
 RT: 12.654 min Scan# 3612
 Delta R.T. 0.000 min
 Lab File: VV020387.D
 Acq: 23 Feb 2021 18:05

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2021-03

Tgt Ion:180 Resp: 10646

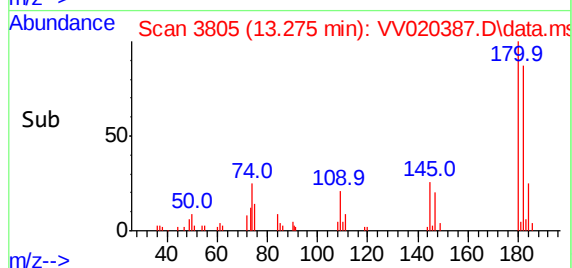
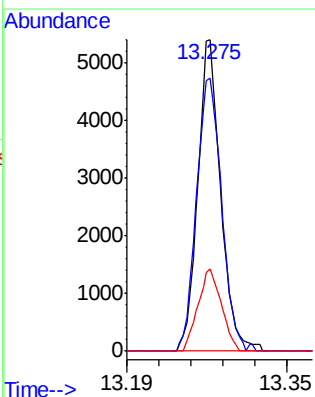
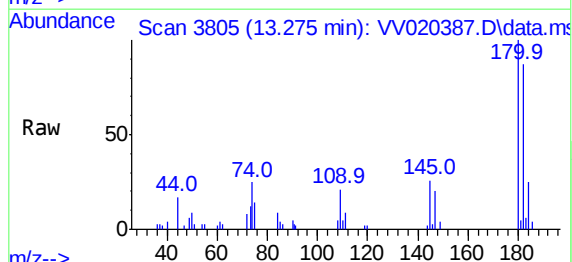
Ion	Ratio	Lower	Upper
180	100		
182	101.9	75.6	113.4
184	30.6	24.4	36.6
145	31.2	22.6	33.8

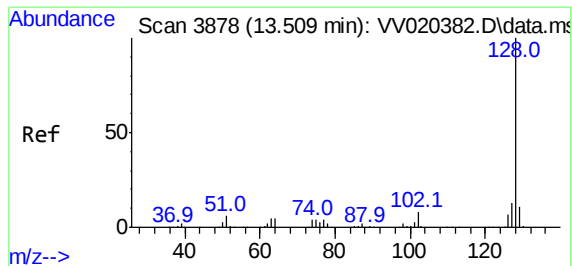


#70
 1,2,4-trichlorobenzene
 Concen: 0.24 ug/L
 RT: 13.275 min Scan# 3805
 Delta R.T. 0.006 min
 Lab File: VV020387.D
 Acq: 23 Feb 2021 18:05

Tgt Ion:180 Resp: 8238

Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.7	113.5
145	26.8	23.0	34.4

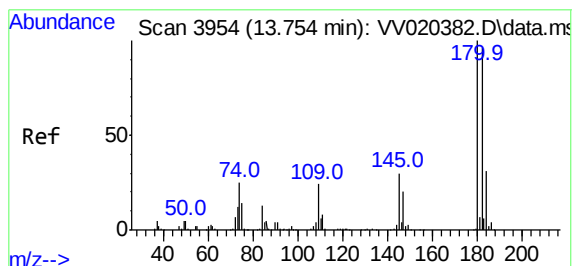
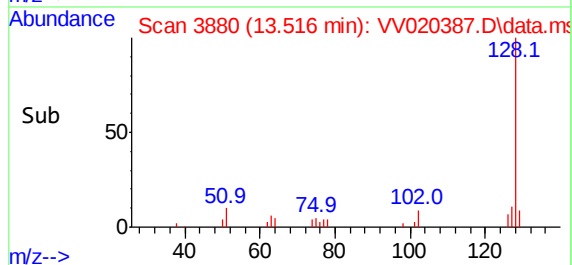
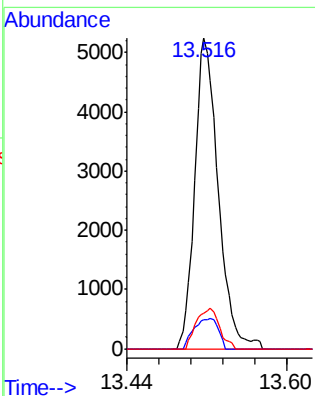
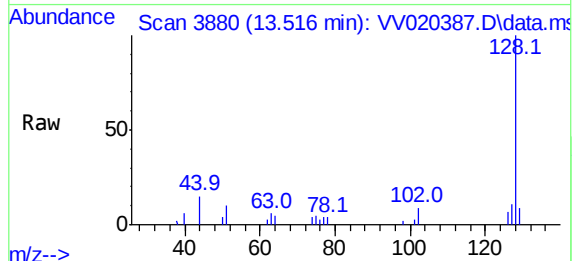




#71
Naphthalene
Concen: 0.19 ug/L
RT: 13.516 min Scan# 3880
Delta R.T. 0.006 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

Tgt Ion:128 Resp: 8847
Ion Ratio Lower Upper
128 100
129 10.1 8.6 13.0
127 12.8 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 0.24 ug/L
RT: 13.757 min Scan# 3955
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion:180 Resp: 7318
Ion Ratio Lower Upper
180 100
182 86.9 75.9 113.9
145 31.7 24.6 37.0

