

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081121\
 Data File : VX023650.D
 Acq On : 11 Aug 2021 15:13
 Operator : JC/MD
 Sample : M3263-01 2.5PPB MDL
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-QT4-2021-07

Quant Time: Aug 12 01:28:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML081121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 11 12:02:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	361450	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	332098	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	151697	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	93862	49.821	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.640%
7) Chloroethane-d5	1.666	69	80653	52.112	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.220%
11) 1,1-Dichloroethene-d2	2.306	63	161967	39.578	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.160%
21) 2-Butanone-d5	4.459	46	200083	110.157	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.160%
24) Chloroform-d	5.062	84	206050	48.300	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.958	65	147571	50.463	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.920%
32) Benzene-d6	5.983	84	434722	51.964	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.920%
36) 1,2-Dichloropropane-d6	7.312	67	135349	51.420	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.840%
41) Toluene-d8	8.653	98	415025	51.512	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.020%
43) trans-1,3-Dichloroprop...	8.952	79	61491	49.365	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.720%
47) 2-Hexanone-d5	9.384	63	143167	113.131	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.130%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	178366	50.867	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.740%
66) 1,2-Dichlorobenzene-d4	12.323	152	139447	52.384	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	5619	2.502	ug/L	93
3) Chloromethane	1.294	50	5251	2.457	ug/L	97
5) Vinyl chloride	1.374	62	5722	2.636	ug/L #	74
6) Bromomethane	1.605	94	3841	2.848	ug/L	99
8) Chloroethane	1.685	64	3470	2.522	ug/L	94
9) Trichlorofluoromethane	1.886	101	8994	2.471	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	6700	3.151	ug/L #	82
12) 1,1-Dichloroethene	2.313	96	5685	3.091	ug/L #	1
13) Acetone	2.386	43	9050	5.659	ug/L	93
14) Carbon disulfide	2.514	76	7928	2.144	ug/L	97
15) Methyl Acetate	2.709	43	7331	2.751	ug/L	91
16) Methylene chloride	2.788	84	6757	2.951	ug/L	85
17) trans-1,2-Dichloroethene	3.099	96	4552	2.338	ug/L	90
18) Methyl tert-butyl Ether	3.123	73	16886	2.340	ug/L #	94
19) 1,1-Dichloroethane	3.611	63	9555	2.408	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	5750	2.444	ug/L	88
22) 2-Butanone	4.568	43	10409	4.777	ug/L	95
23) Bromochloromethane	4.910	128	3166	2.546	ug/L #	68
25) Chloroform	5.099	83	15967	3.724	ug/L	99

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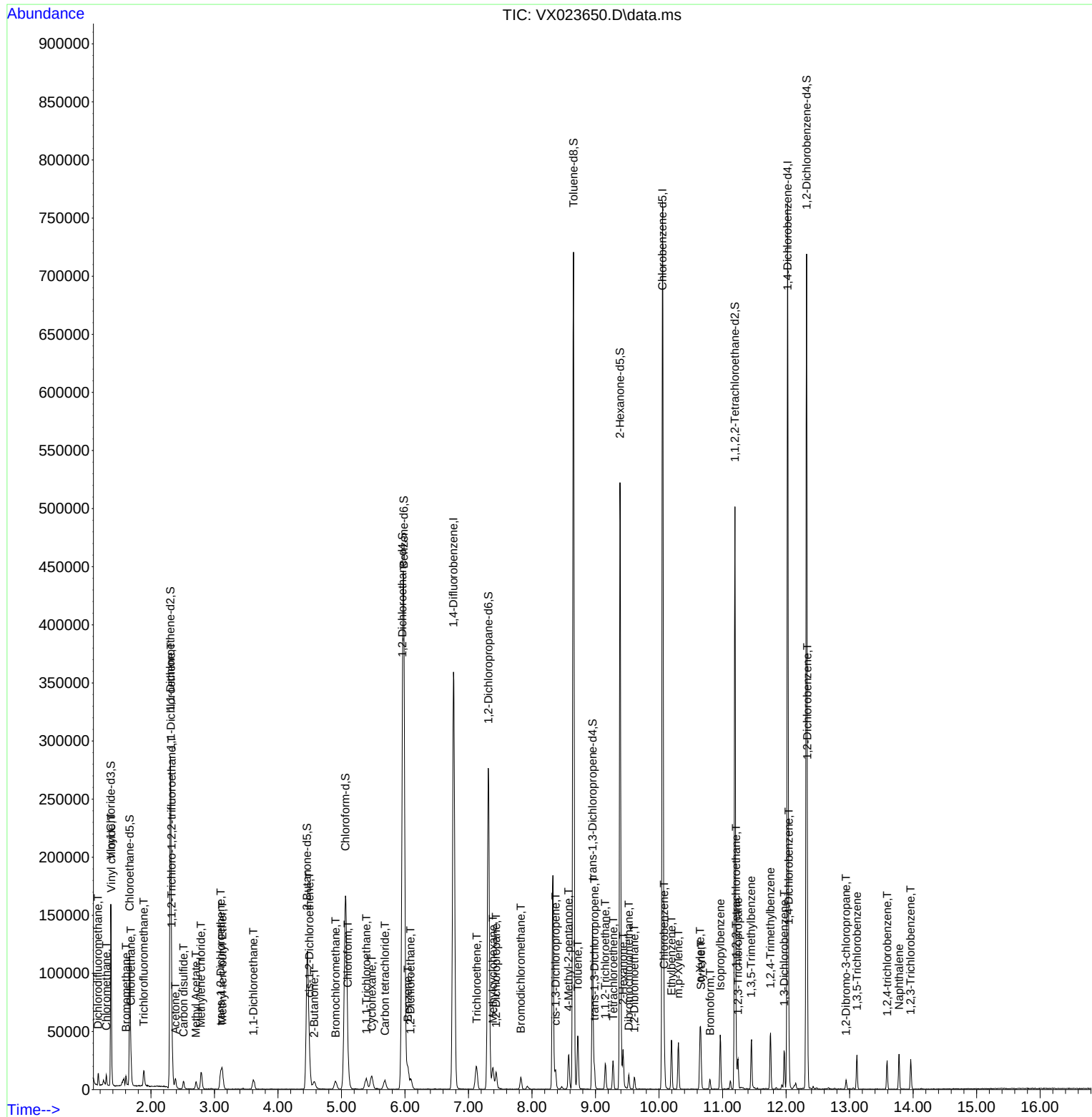
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	8811	2.548	ug/L	98
29) Cyclohexane	5.477	56	7411	2.319	ug/L #	43
30) 1,1,1-Trichloroethane	5.391	97	8167	2.277	ug/L	96
31) Carbon tetrachloride	5.684	117	6756	2.243	ug/L	94
33) Benzene	6.044	78	20760	2.393	ug/L	100
34) Trichloroethene	7.129	95	5692	2.453	ug/L	95
35) Methylcyclohexane	7.385	83	7697	2.310	ug/L	95
37) 1,2-Dichloropropane	7.434	63	5834	2.451	ug/L #	91
38) Bromodichloromethane	7.824	83	5762	1.941	ug/L	100
39) cis-1,3-Dichloropropene	8.372	75	7822	2.245	ug/L	91
40) 4-Methyl-2-pentanone	8.574	43	18146	4.732	ug/L	91
42) Toluene	8.720	91	28982	3.013	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	7483	2.133	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	5770	2.386	ug/L	96
46) Tetrachloroethene	9.281	164	4420	2.510	ug/L	83
48) 2-Hexanone	9.433	43	16990	5.486	ug/L #	89
49) Dibromochloromethane	9.525	129	4500	1.845	ug/L	100
50) 1,2-Dibromoethane	9.610	107	5663	2.288	ug/L #	97
51) Chlorobenzene	10.079	112	15020	2.351	ug/L	97
52) Ethylbenzene	10.195	91	23641	2.246	ug/L	98
53) m,p-Xylene	10.305	106	8986	2.238	ug/L	91
54) o-Xylene	10.646	106	8718	2.180	ug/L	91
55) Styrene	10.659	104	13950	2.071	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	9814	2.670	ug/L	94
59) Bromoform	10.805	173	2905	1.786	ug/L #	98
60) Isopropylbenzene	10.963	105	23429	2.276	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	7637	2.503	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	18393	2.208	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	19097	2.254	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	10620	2.361	ug/L	89
65) 1,4-Dichlorobenzene	12.043	146	10543	2.355	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	10668	2.416	ug/L #	93
68) 1,2-Dibromo-3-chloropr...	12.945	75	1272	1.790	ug/L #	64
69) 1,3,5-Trichlorobenzene	13.116	180	6627	2.135	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	5586	2.089	ug/L	99
71) Naphthalene	13.780	128	17813	1.922	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	5806	2.108	ug/L	95

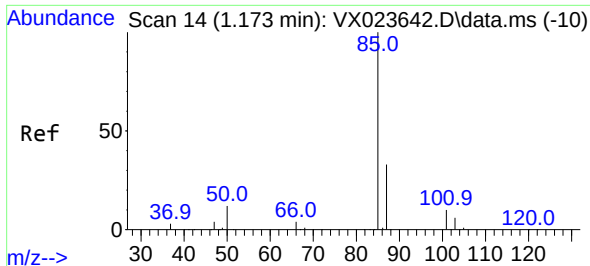
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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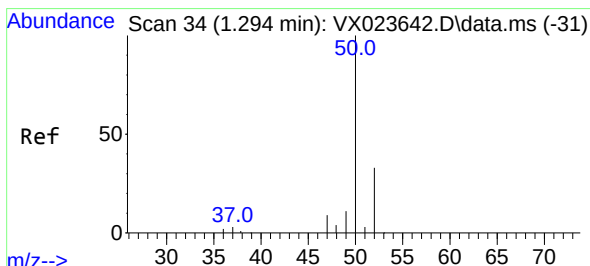
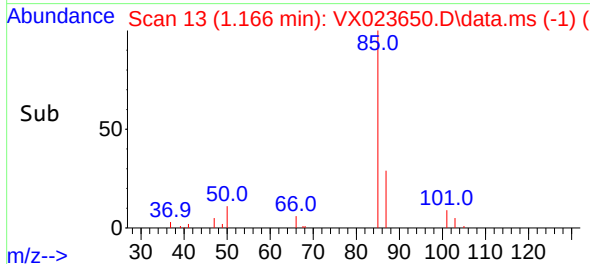
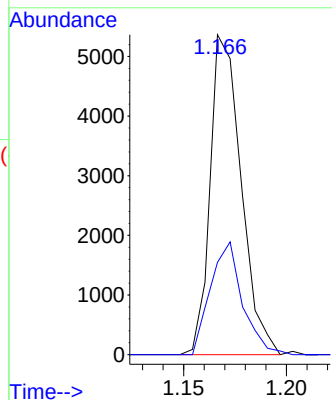
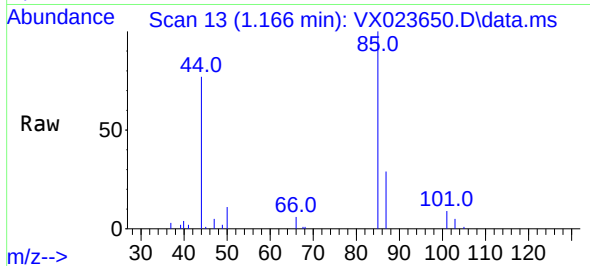




#2
Dichlorodifluoromethane
Concen: 2.502 ug/L
RT: 1.166 min Scan# 13
Delta R.T. -0.007 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

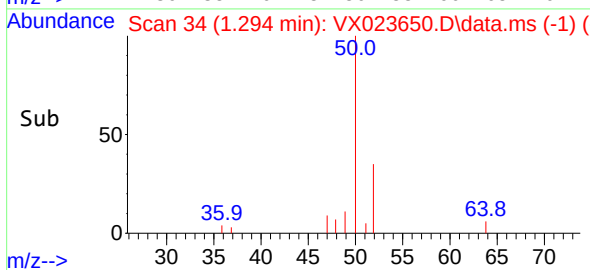
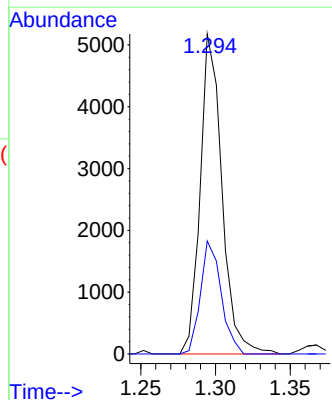
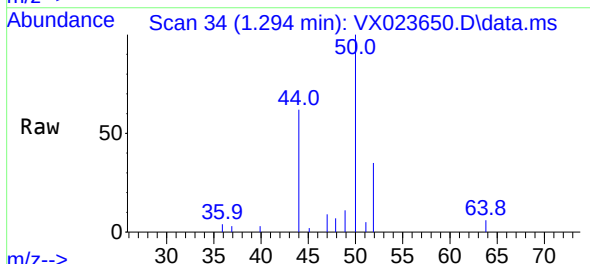
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

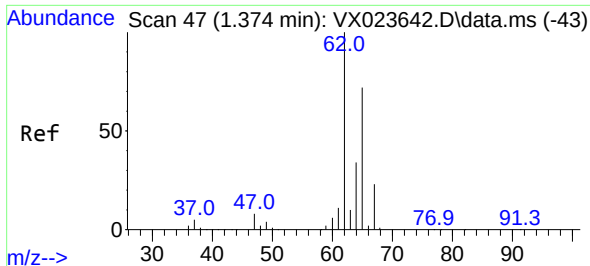
Tgt Ion: 85 Resp: 5619
Ion Ratio Lower Upper
85 100
87 36.5 25.9 38.9



#3
Chloromethane
Concen: 2.457 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

Tgt Ion: 50 Resp: 5251
Ion Ratio Lower Upper
50 100
52 35.3 23.7 43.9

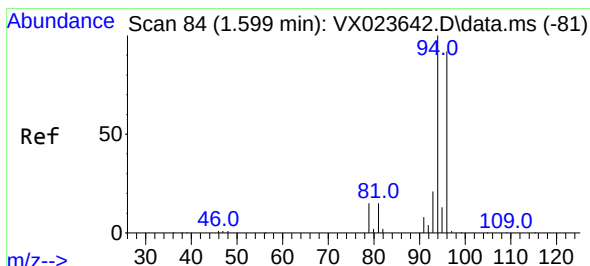
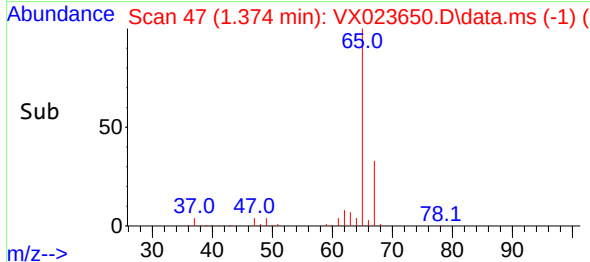
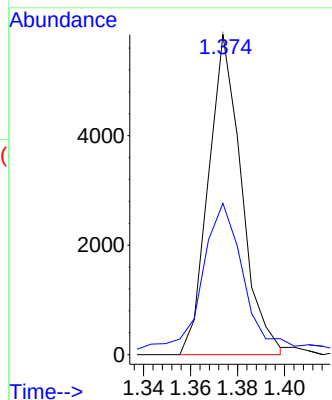
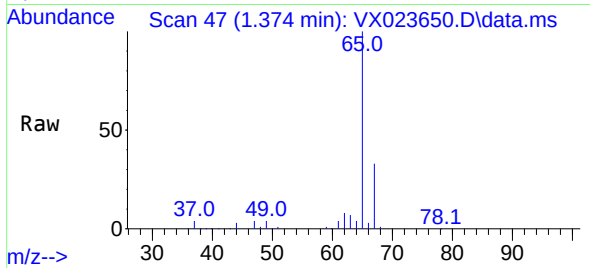




#5
 Vinyl chloride
 Concen: 2.636 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX023650.D
 Acq: 11 Aug 2021 15:13

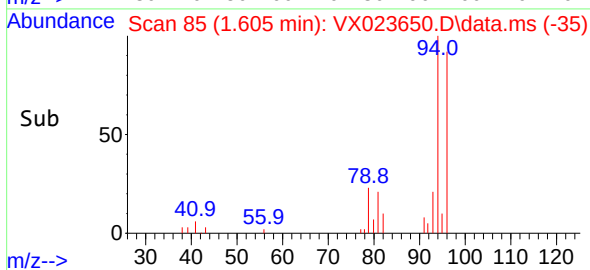
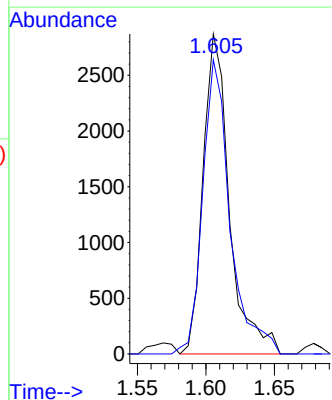
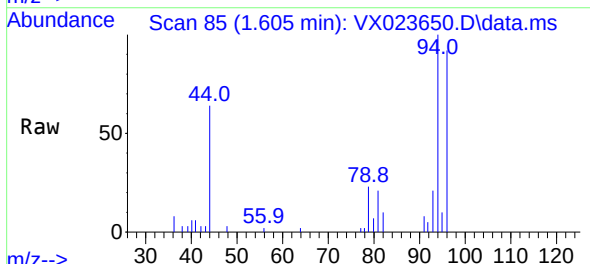
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-QT4-2021-07

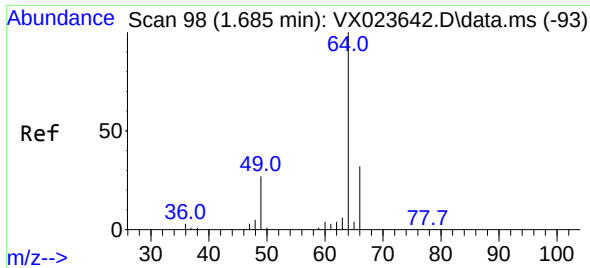
Tgt Ion: 62 Resp: 5722
 Ion Ratio Lower Upper
 62 100
 64 47.3 22.7 42.3#



#6
 Bromomethane
 Concen: 2.848 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. 0.006 min
 Lab File: VX023650.D
 Acq: 11 Aug 2021 15:13

Tgt Ion: 94 Resp: 3841
 Ion Ratio Lower Upper
 94 100
 96 91.9 64.8 120.3

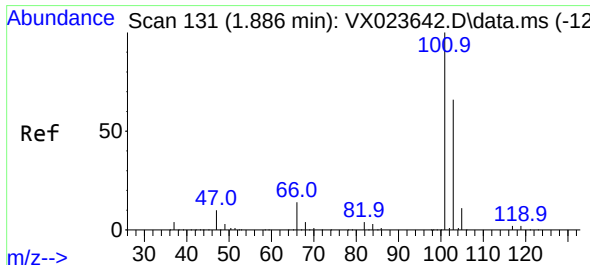
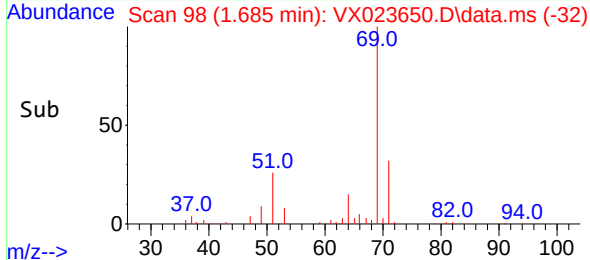
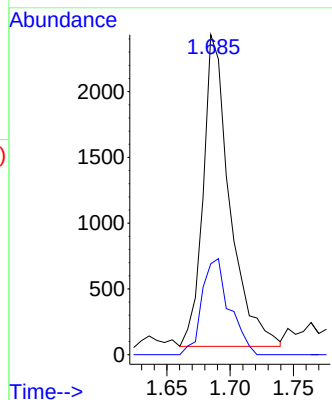
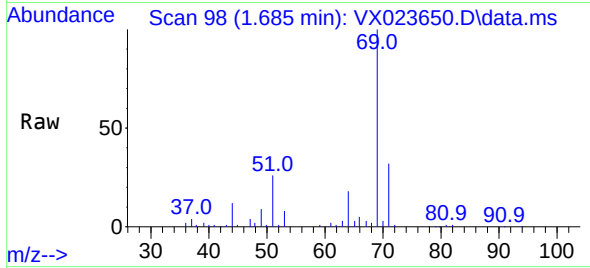




#8
Chloroethane
Concen: 2.522 ug/L
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

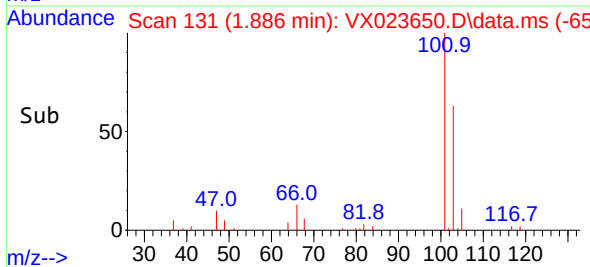
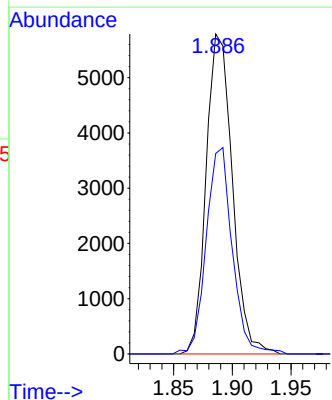
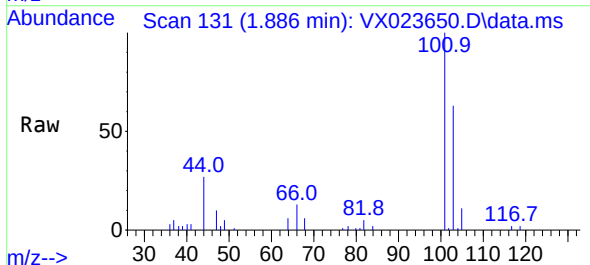
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

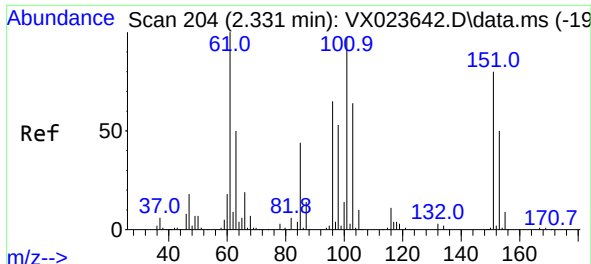
Tgt Ion: 64 Resp: 3470
Ion Ratio Lower Upper
64 100
66 28.4 22.0 41.0



#9
Trichlorofluoromethane
Concen: 2.471 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

Tgt Ion: 101 Resp: 8994
Ion Ratio Lower Upper
101 100
103 64.0 52.2 78.2





#10

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

Concen: 3.151 ug/L

RT: 2.325 min Scan# 203

Delta R.T. -0.006 min

Lab File: VX023650.D

Acq: 11 Aug 2021 15:13

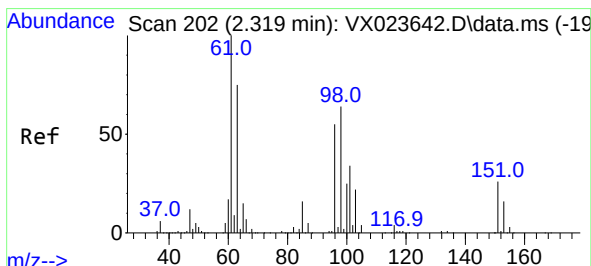
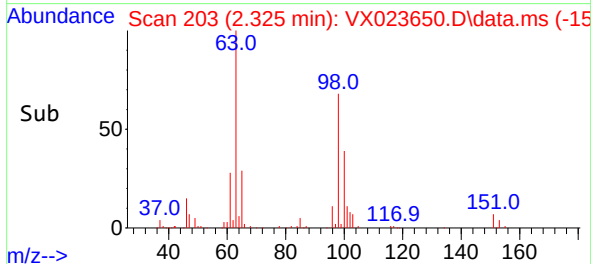
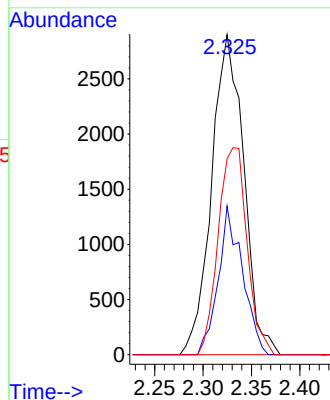
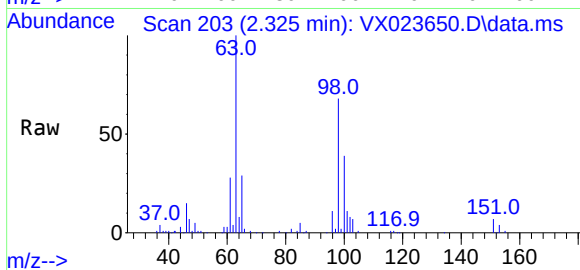
Tgt Ion:101 Resp: 6700

Ion Ratio Lower Upper

101 100

85 35.0 34.3 51.5

151 58.1 60.7 91.1#



#12

1,1-Dichloroethene

Concen: 3.091 ug/L

RT: 2.313 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX023650.D

Acq: 11 Aug 2021 15:13

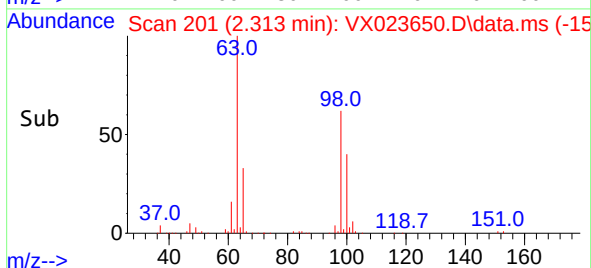
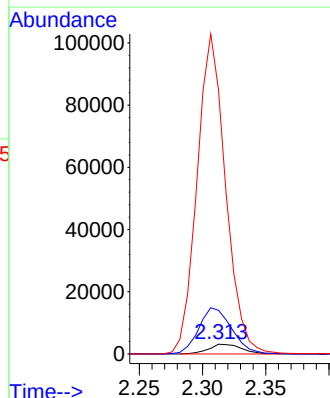
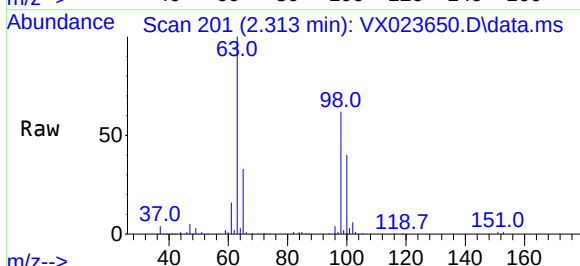
Tgt Ion: 96 Resp: 5685

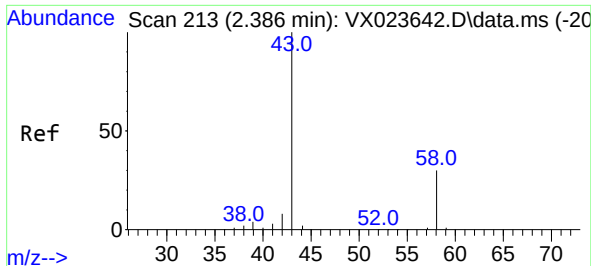
Ion Ratio Lower Upper

96 100

61 449.0 115.5 214.5#

63 2722.6 77.3 143.7#

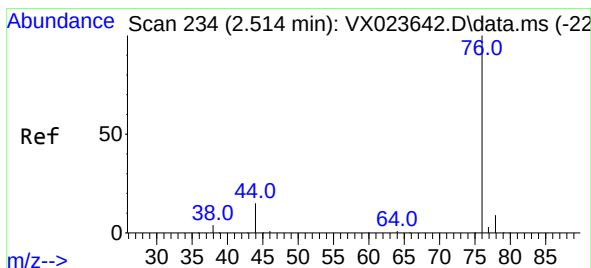
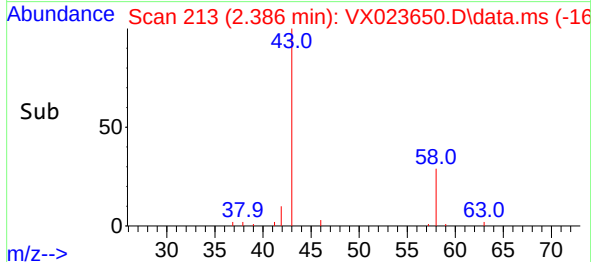
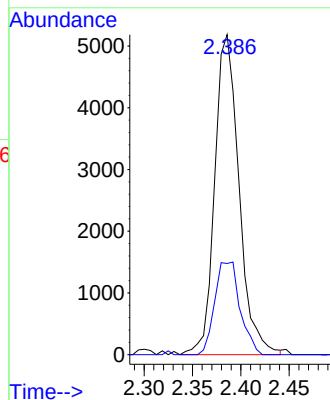
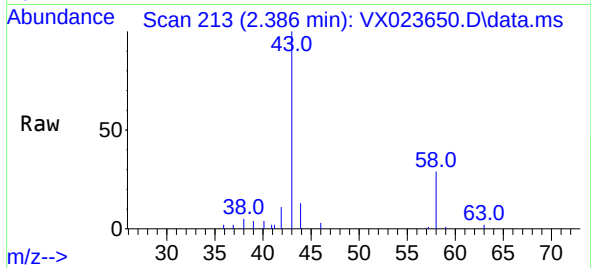




#13
Acetone
Concen: 5.659 ug/L
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

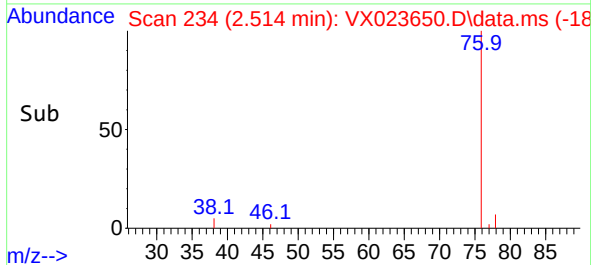
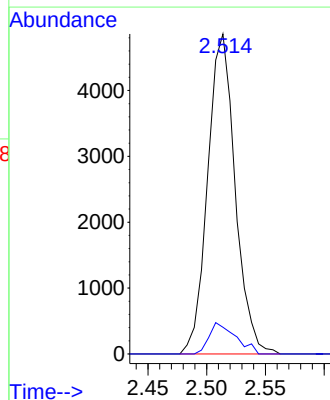
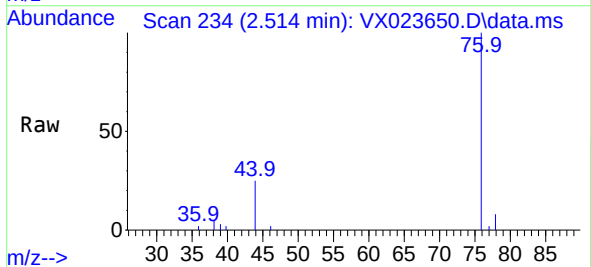
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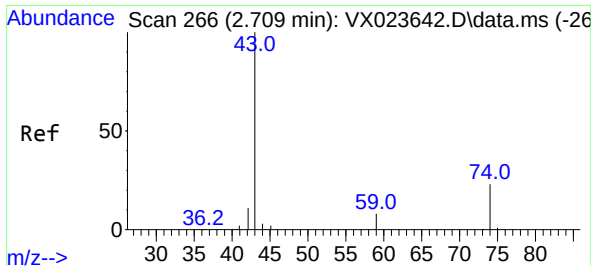
Tgt Ion: 43 Resp: 9050
Ion Ratio Lower Upper
43 100
58 30.1 0.0 68.2



#14
Carbon disulfide
Concen: 2.144 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 7928
Ion Ratio Lower Upper
76 100
78 8.4 7.6 11.4

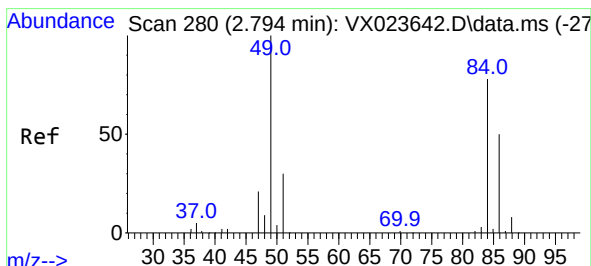
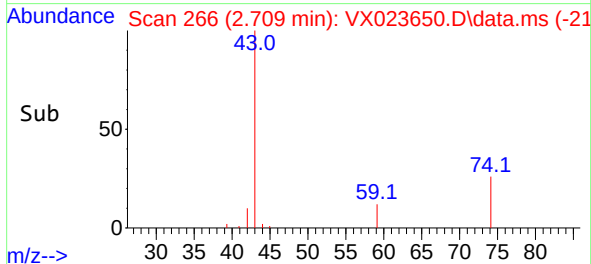
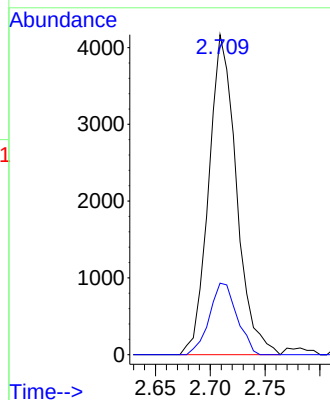
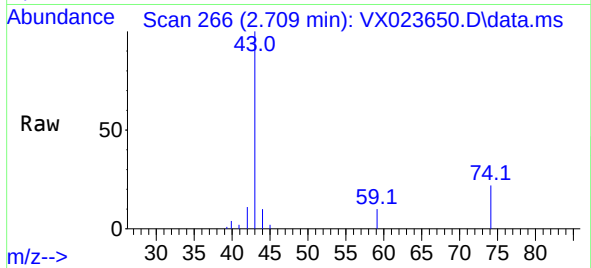




#15
Methyl Acetate
Concen: 2.751 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

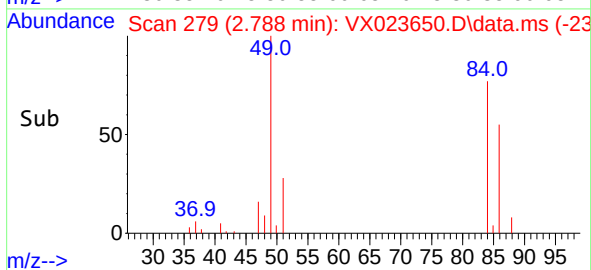
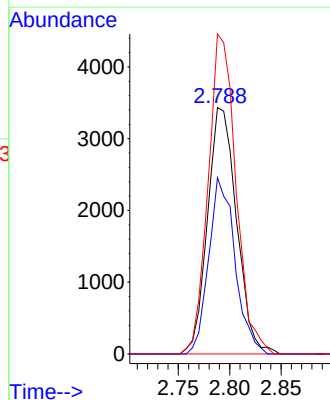
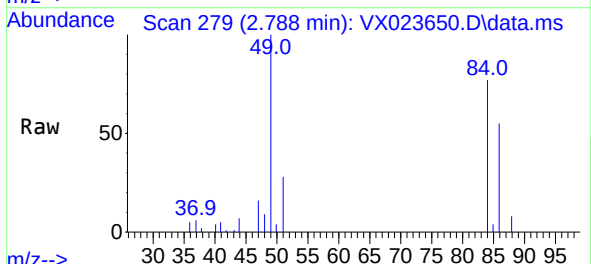
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

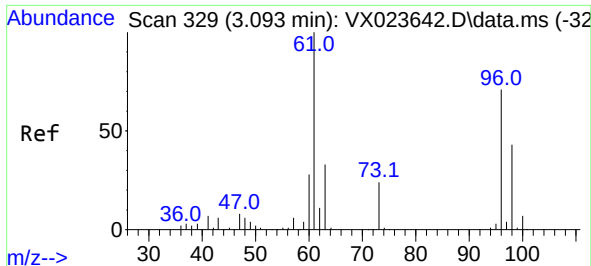
Tgt Ion: 43 Resp: 7331
Ion Ratio Lower Upper
43 100
74 22.2 21.7 32.5



#16
Methylene chloride
Concen: 2.951 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

Tgt Ion: 84 Resp: 6757
Ion Ratio Lower Upper
84 100
86 71.5 44.2 82.0
49 129.8 77.8 144.6

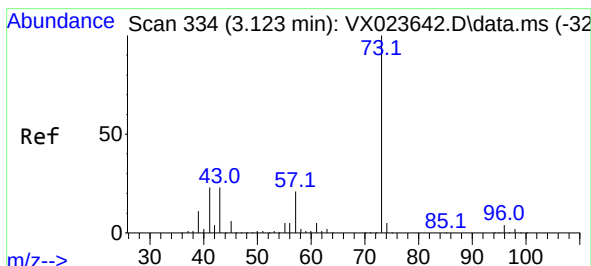
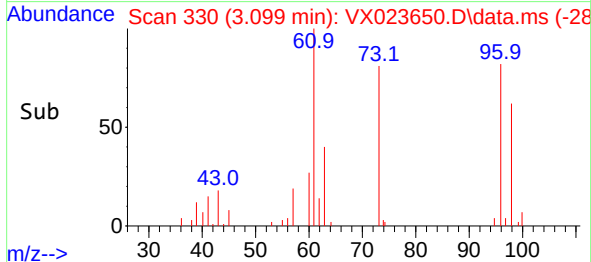
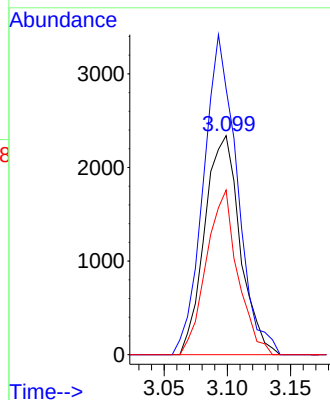
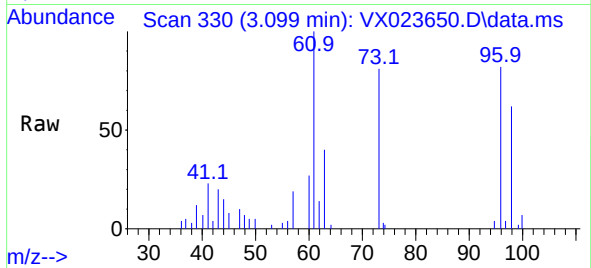




#17
trans-1,2-Dichloroethene
Concen: 2.338 ug/L
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

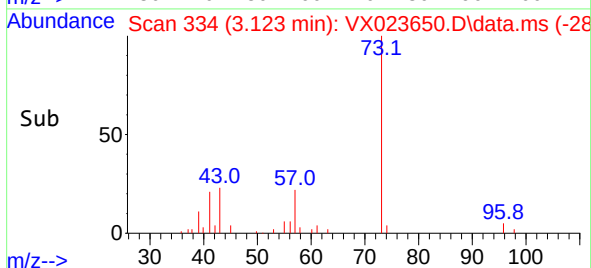
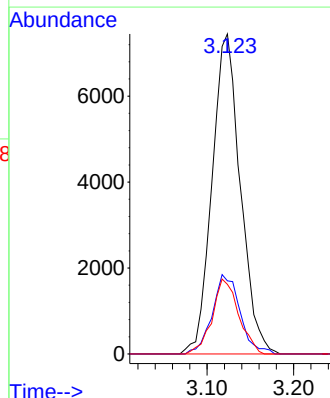
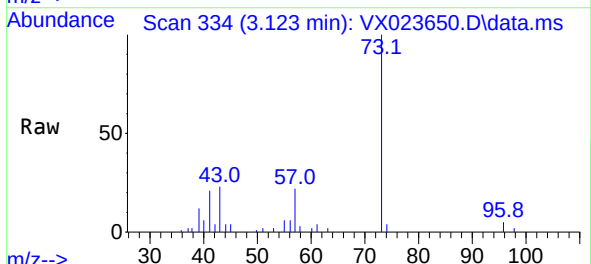
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

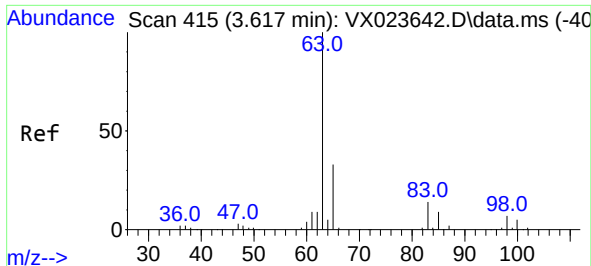
Tgt Ion: 96 Resp: 4552
Ion Ratio Lower Upper
96 100
61 121.4 92.3 171.3
98 75.1 46.3 85.9



#18
Methyl tert-butyl Ether
Concen: 2.340 ug/L
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

Tgt Ion: 73 Resp: 16886
Ion Ratio Lower Upper
73 100
43 24.4 15.1 22.7#
57 21.9 17.4 26.2



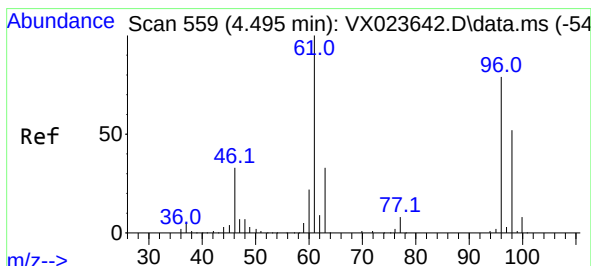
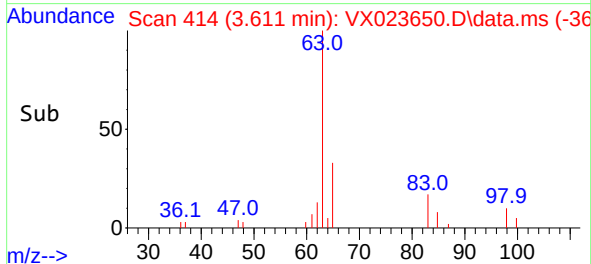
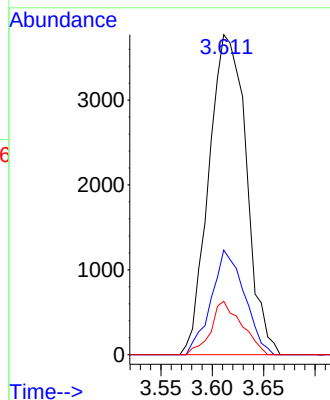
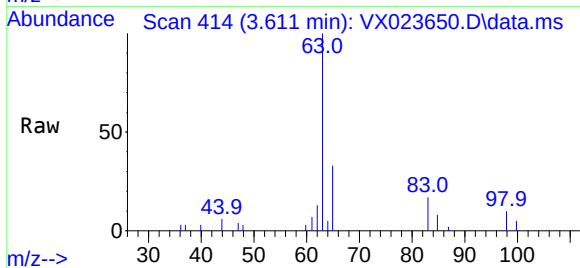


#19

1,1-Dichloroethane
Concen: 2.408 ug/L
RT: 3.611 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

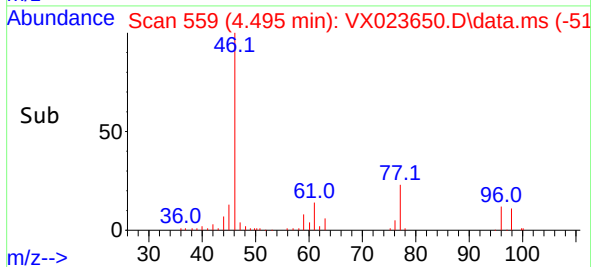
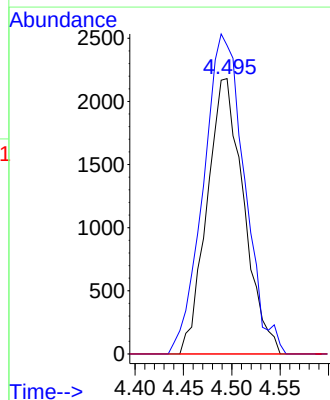
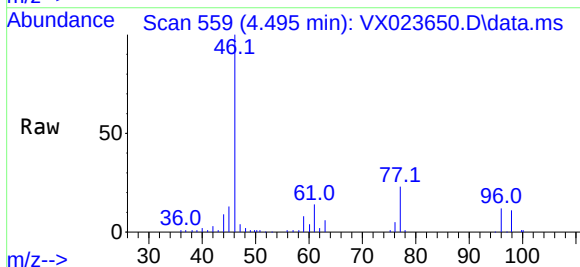
Tgt Ion:	63	Resp:	9555
Ion	Ratio	Lower	Upper
63	100		
65	32.7	22.4	41.6
83	16.7	9.5	17.7

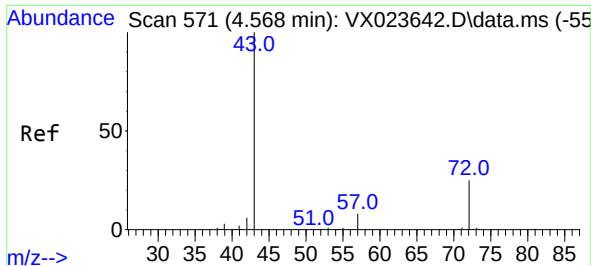


#20

cis-1,2-Dichloroethene
Concen: 2.444 ug/L
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

Tgt Ion:	96	Resp:	5750
Ion	Ratio	Lower	Upper
96	100		
61	112.1	87.8	163.0
68	0.0	0.0	0.0

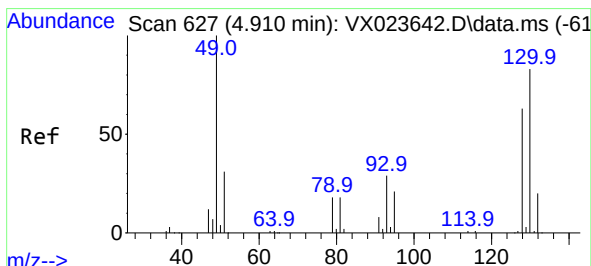
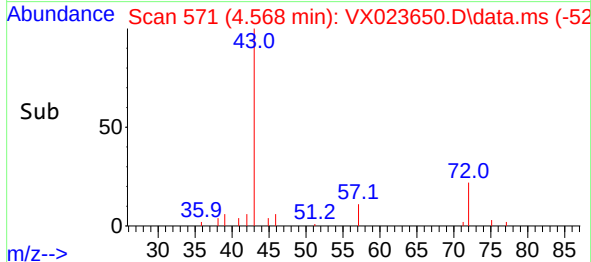
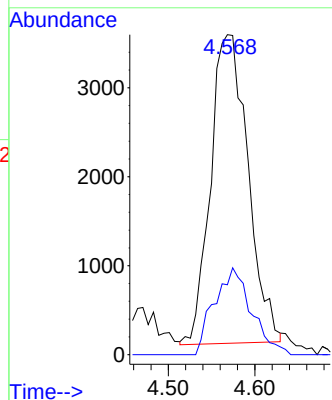
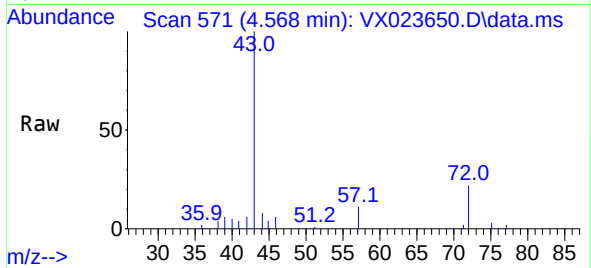




#22
2-Butanone
Concen: 4.777 ug/L
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

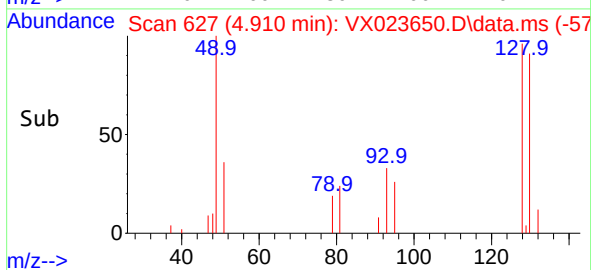
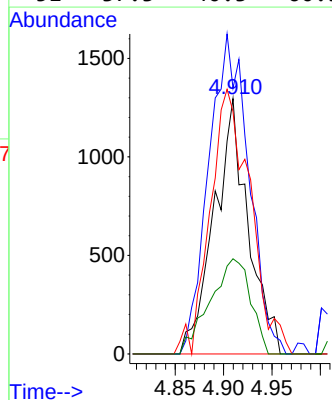
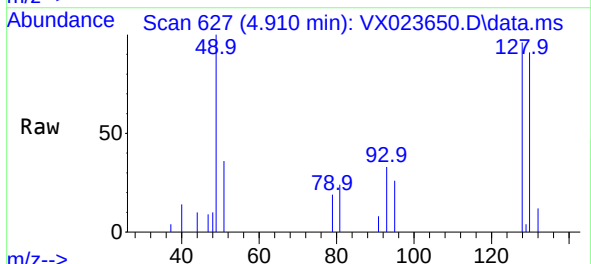
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

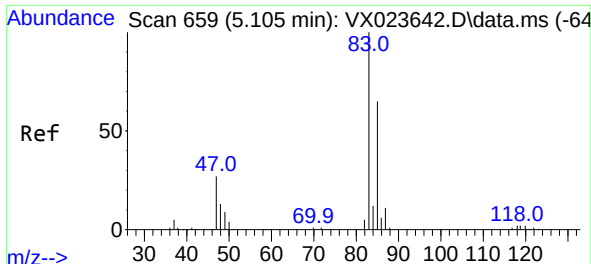
Tgt Ion: 43 Resp: 10409
Ion Ratio Lower Upper
43 100
72 28.0 15.3 45.8



#23
Bromochloromethane
Concen: 2.546 ug/L
RT: 4.910 min Scan# 627
Delta R.T. -0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

Tgt Ion: 128 Resp: 3166
Ion Ratio Lower Upper
128 100
49 104.1 107.5 199.7#
130 94.9 91.1 169.3
51 37.3 40.3 60.5#

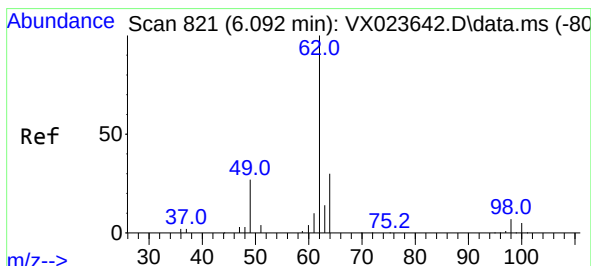
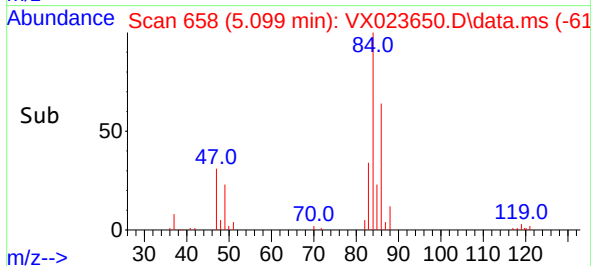
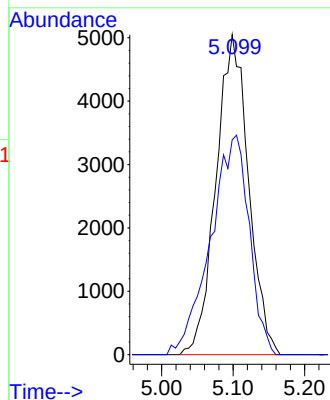
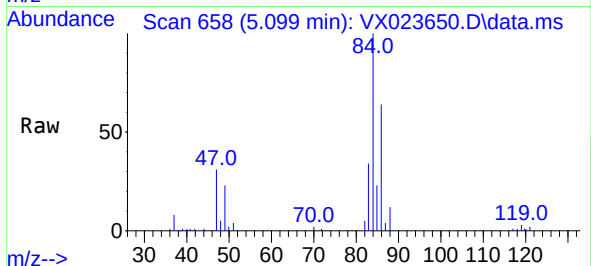




#25
Chloroform
Concen: 3.724 ug/L
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

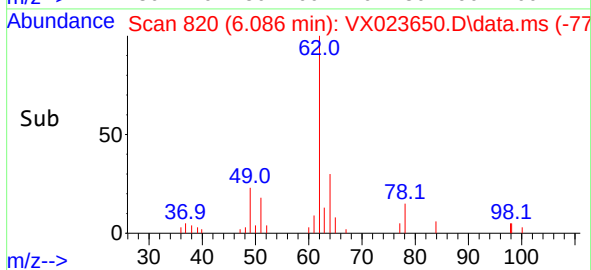
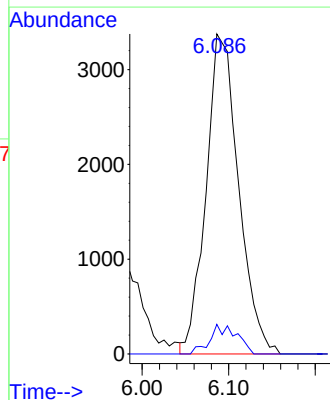
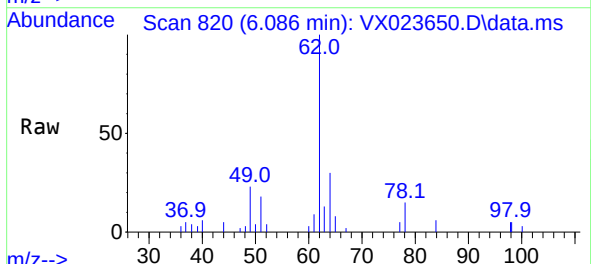
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

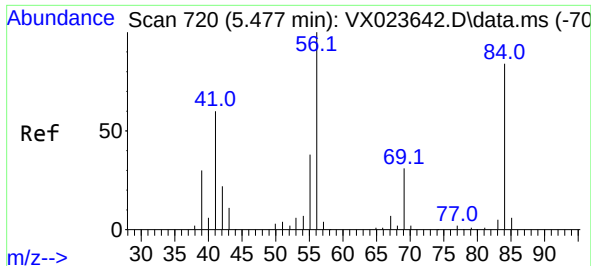
Tgt Ion: 83 Resp: 15967
Ion Ratio Lower Upper
83 100
85 67.2 46.3 85.9



#27
1,2-Dichloroethane
Concen: 2.548 ug/L
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

Tgt Ion: 62 Resp: 8811
Ion Ratio Lower Upper
62 100
98 9.2 7.9 11.9

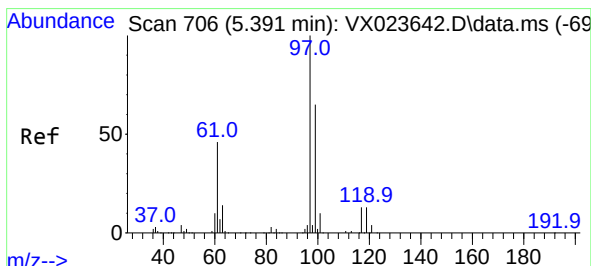
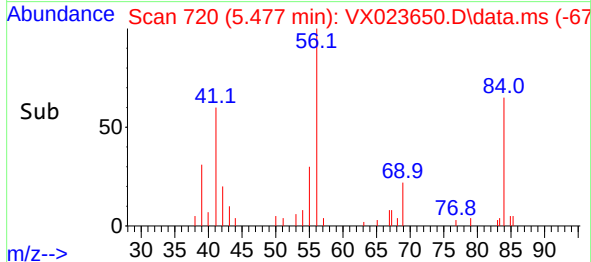
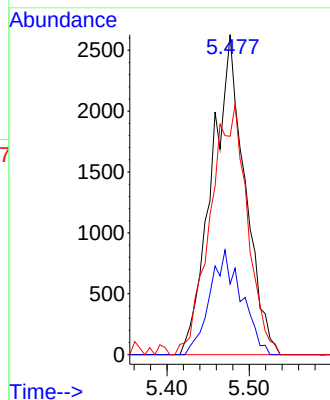
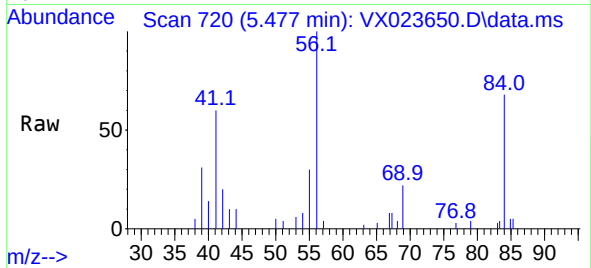




#29
Cyclohexane
Concen: 2.319 ug/L
RT: 5.477 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

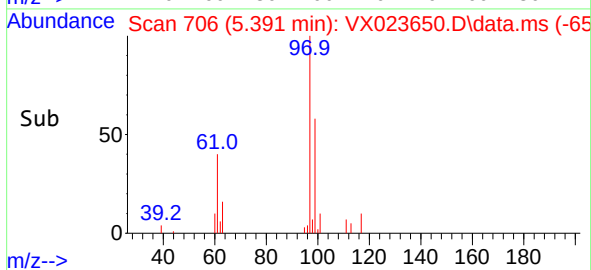
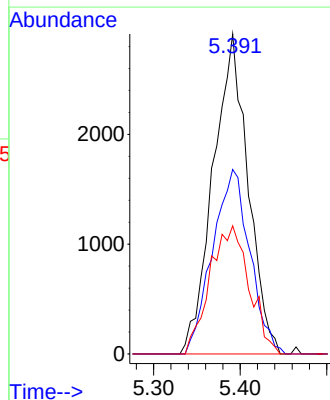
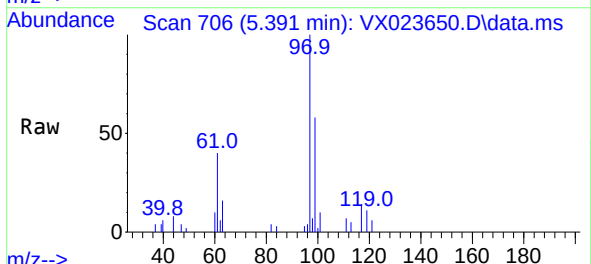
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

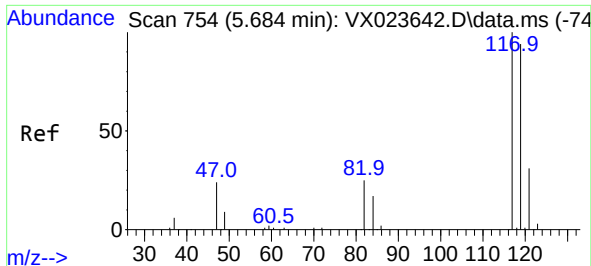
Tgt Ion: 56 Resp: 7411
Ion Ratio Lower Upper
56 100
69 0.0 25.7 38.5#
84 36.2 72.4 108.6#



#30
1,1,1-Trichloroethane
Concen: 2.277 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

Tgt Ion: 97 Resp: 8167
Ion Ratio Lower Upper
97 100
99 61.7 52.1 78.1
61 41.3 35.3 52.9

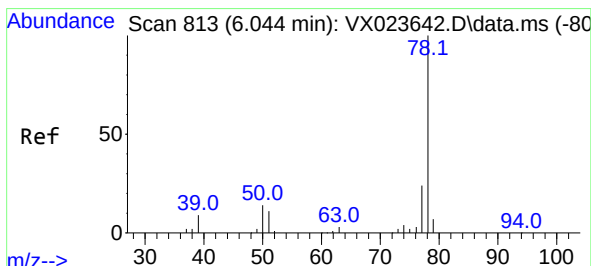
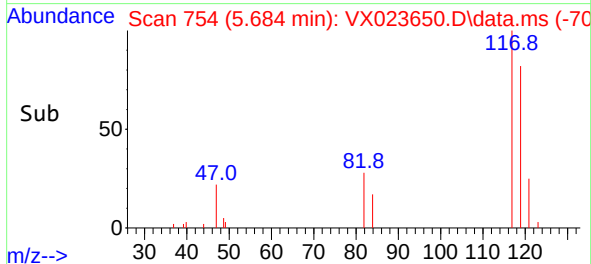
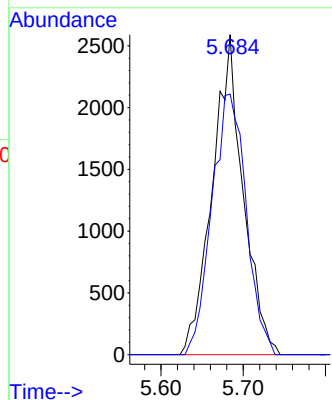
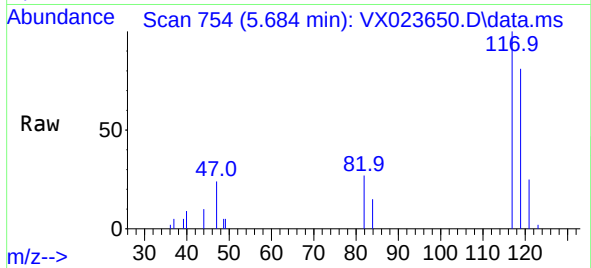




#31
Carbon tetrachloride
Concen: 2.243 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

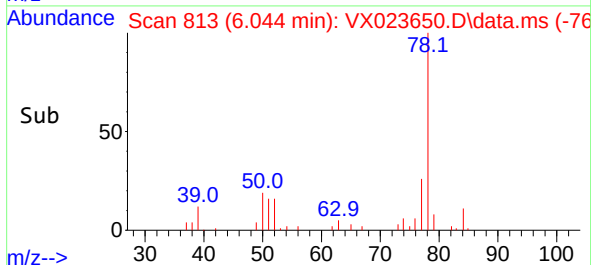
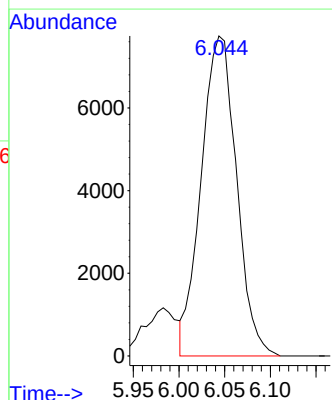
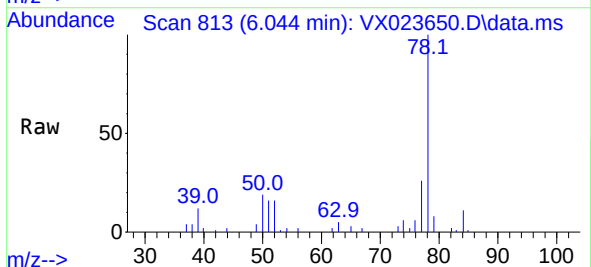
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

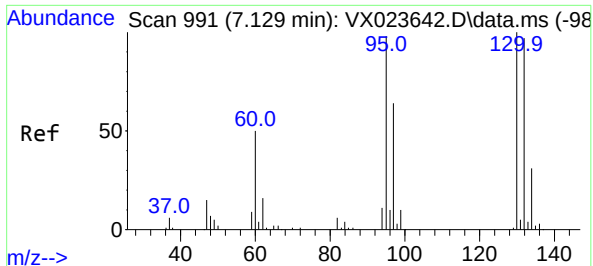
Tgt Ion:117 Resp: 6756
Ion Ratio Lower Upper
117 100
119 90.6 77.5 116.3



#33
Benzene
Concen: 2.393 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

Tgt Ion: 78 Resp: 20760



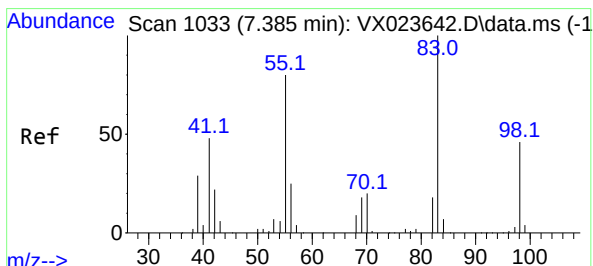
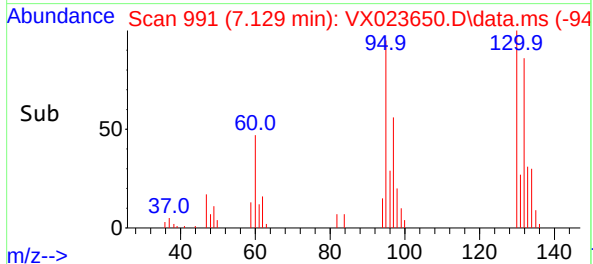
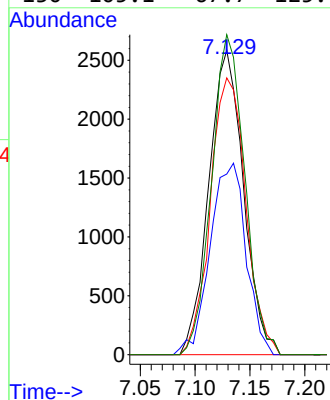
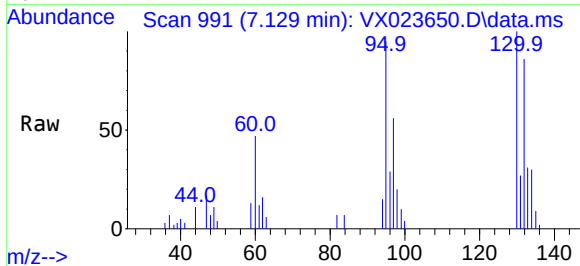


#34
Trichloroethene
Concen: 2.453 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

Tgt Ion: 95 Resp: 5692

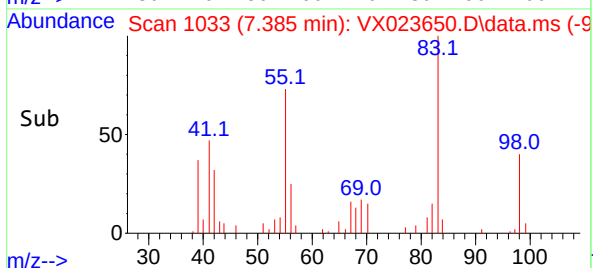
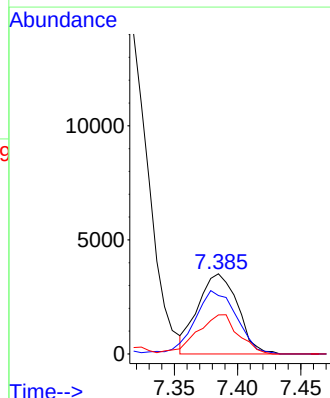
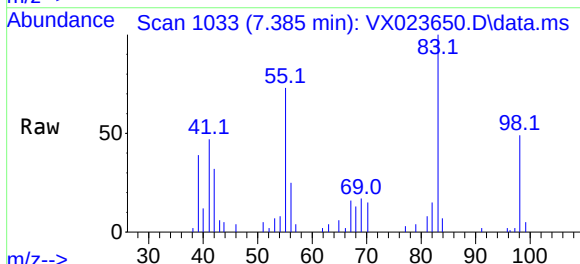
Ion	Ratio	Lower	Upper
95	100		
97	59.3	44.5	82.7
132	90.9	65.2	121.0
130	105.1	67.7	125.7

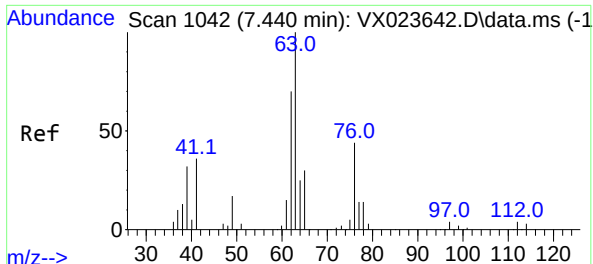


#35
Methylcyclohexane
Concen: 2.310 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

Tgt Ion: 83 Resp: 7697

Ion	Ratio	Lower	Upper
83	100		
55	82.0	61.2	91.8
98	50.3	38.7	58.1

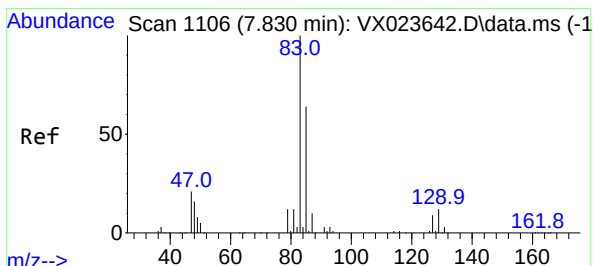
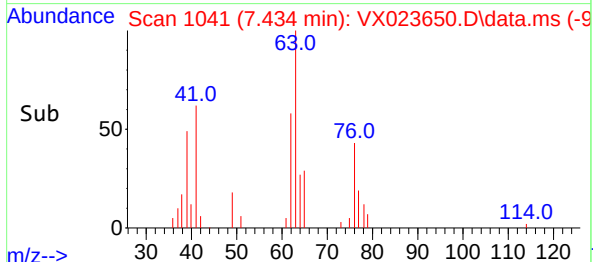
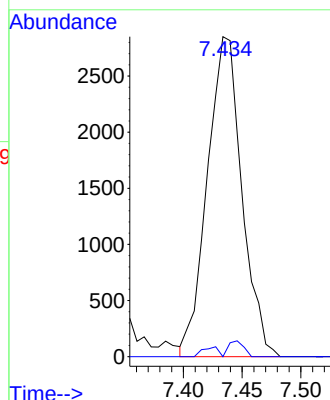
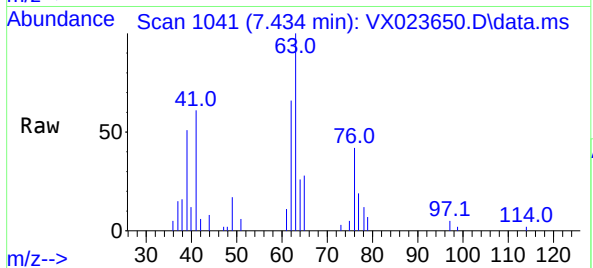




#37
1,2-Dichloropropane
Concen: 2.451 ug/L
RT: 7.434 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

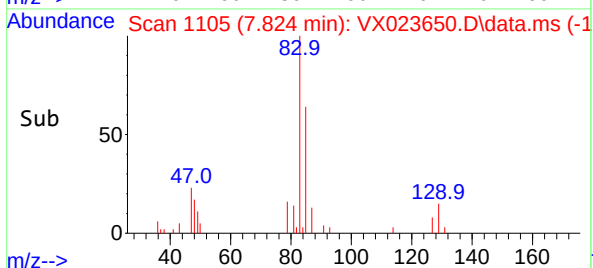
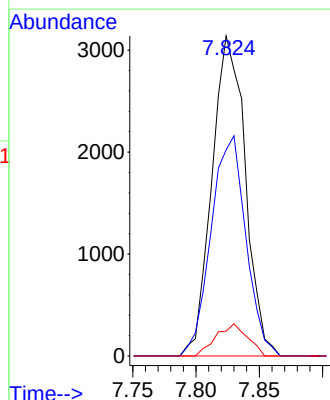
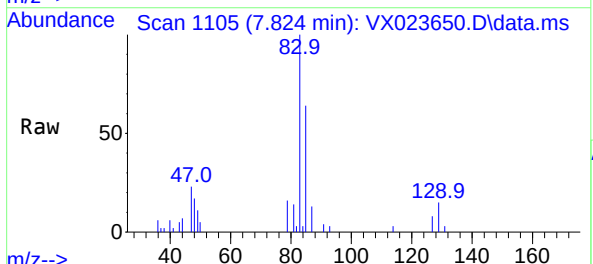
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

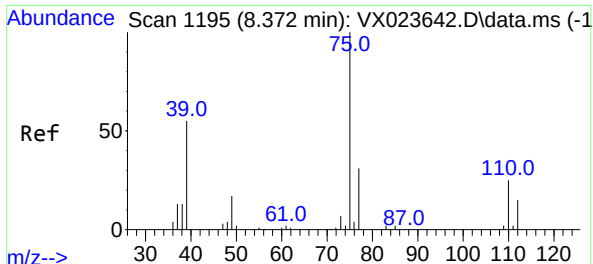
Tgt Ion: 63 Resp: 5834
Ion Ratio Lower Upper
63 100
112 1.4 3.6 5.4#



#38
Bromodichloromethane
Concen: 1.941 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

Tgt Ion: 83 Resp: 5762
Ion Ratio Lower Upper
83 100
85 64.4 45.1 83.7
127 7.8 6.6 10.0

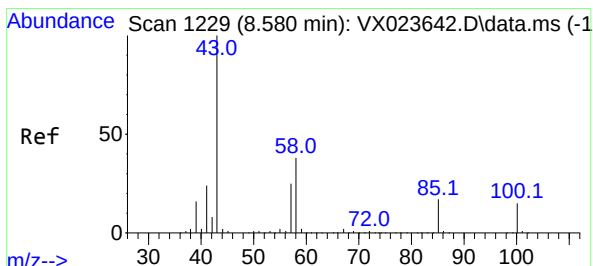
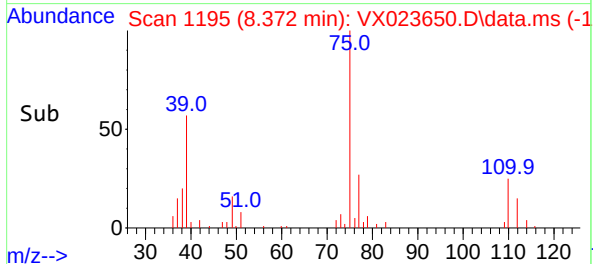
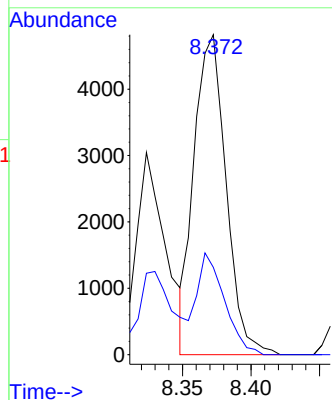
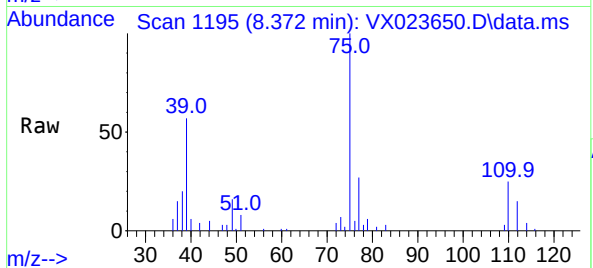




#39
 cis-1,3-Dichloropropene
 Concen: 2.245 ug/L
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.000 min
 Lab File: VX023650.D
 Acq: 11 Aug 2021 15:13

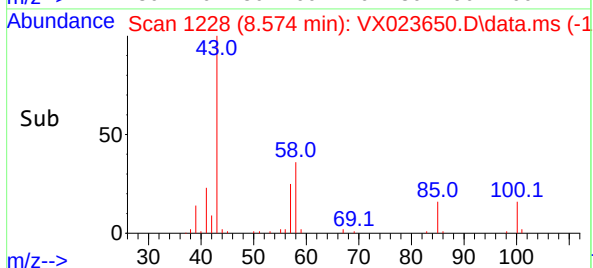
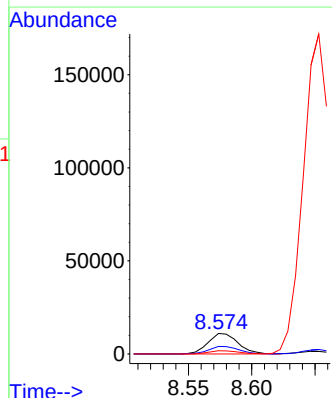
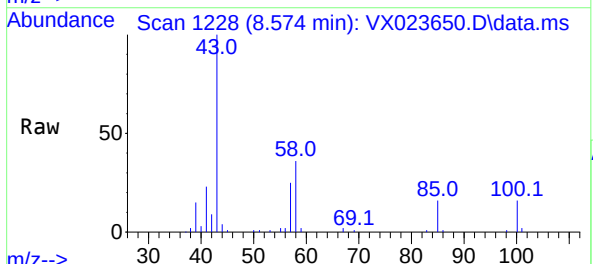
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-QT4-2021-07

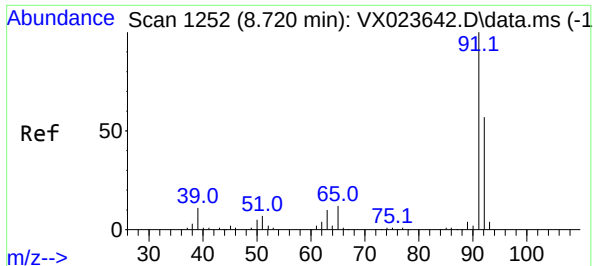
Tgt Ion: 75 Resp: 7822
 Ion Ratio Lower Upper
 75 100
 77 27.3 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 4.732 ug/L
 RT: 8.574 min Scan# 1228
 Delta R.T. -0.006 min
 Lab File: VX023650.D
 Acq: 11 Aug 2021 15:13

Tgt Ion: 43 Resp: 18146
 Ion Ratio Lower Upper
 43 100
 58 36.6 35.0 52.4
 100 15.8 14.2 21.4

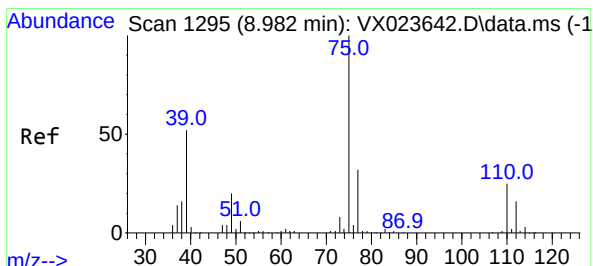
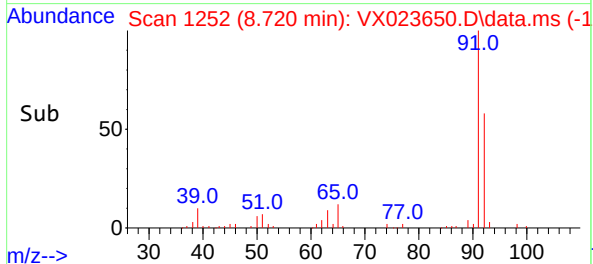
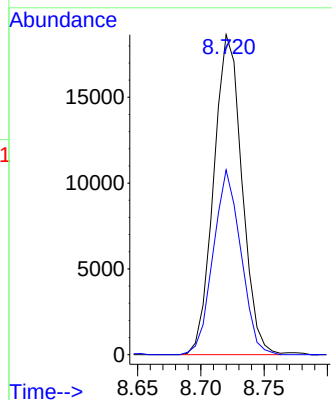
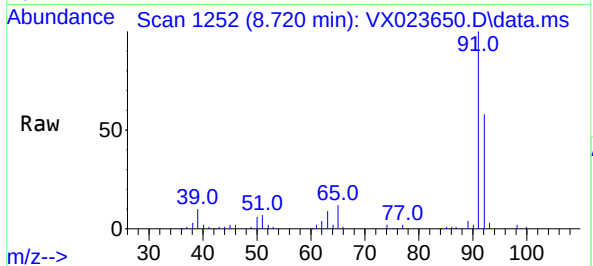




#42
Toluene
Concen: 3.013 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

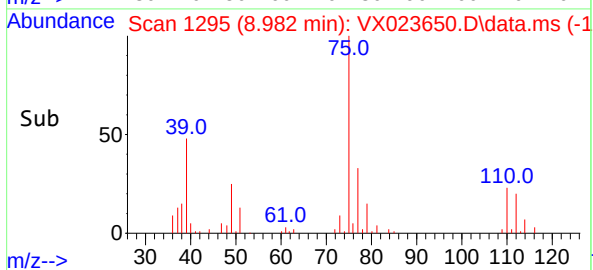
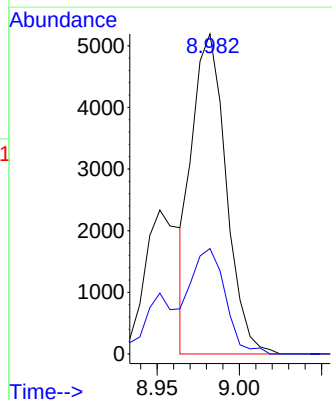
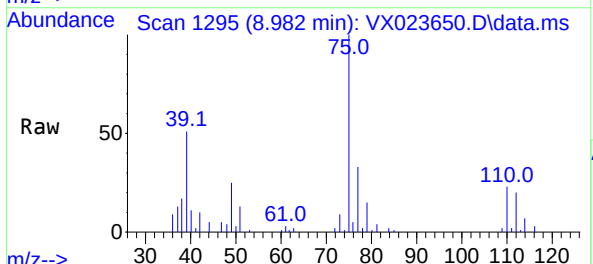
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

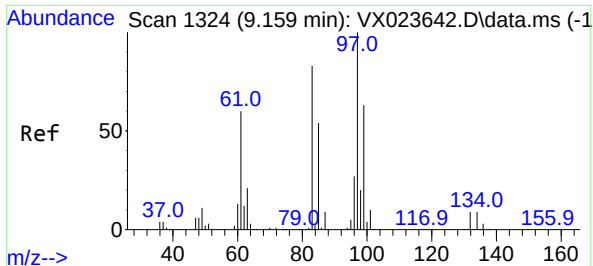
Tgt Ion: 91 Resp: 28982
Ion Ratio Lower Upper
91 100
92 57.7 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 2.133 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

Tgt Ion: 75 Resp: 7483
Ion Ratio Lower Upper
75 100
77 32.9 22.4 41.6





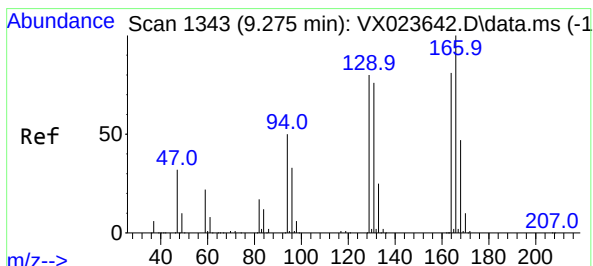
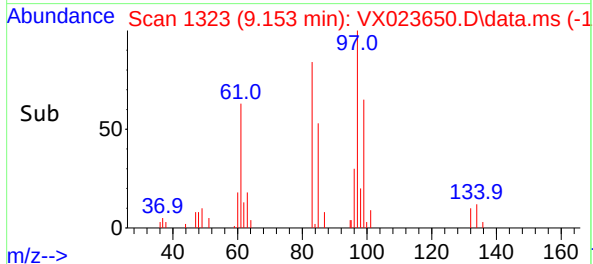
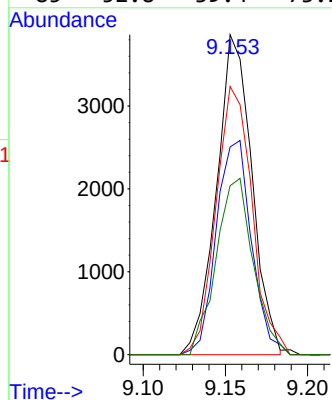
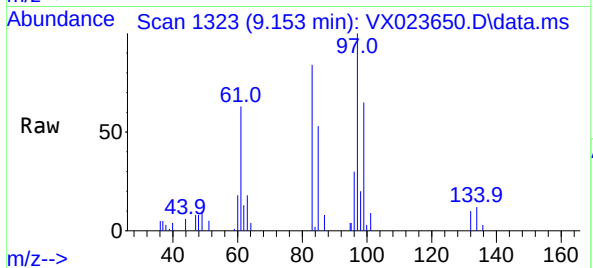
#45

1,1,2-Trichloroethane
Concen: 2.386 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

Tgt Ion: 97 Resp: 5770

Ion	Ratio	Lower	Upper
97	100		
99	64.9	44.0	81.6
83	83.8	60.8	113.0
85	52.8	39.4	73.2

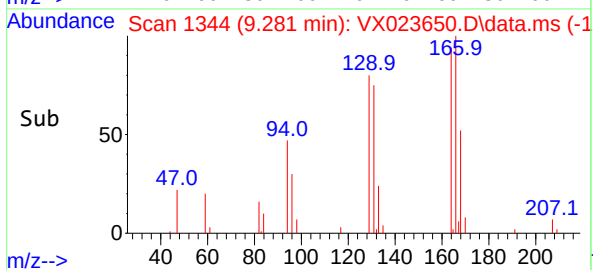
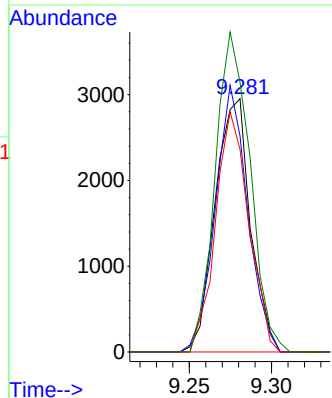
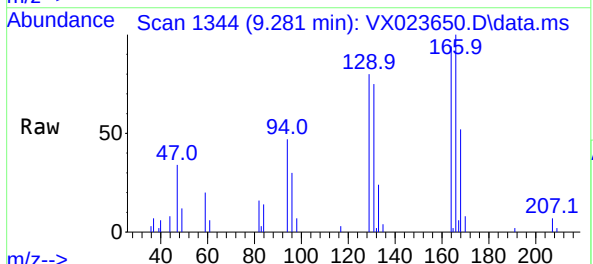


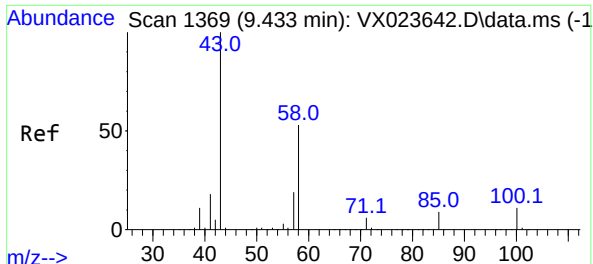
#46

Tetrachloroethene
Concen: 2.510 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

Tgt Ion: 164 Resp: 4420

Ion	Ratio	Lower	Upper
164	100		
129	83.2	65.6	121.8
131	78.1	63.7	118.3
166	103.9	93.0	172.6



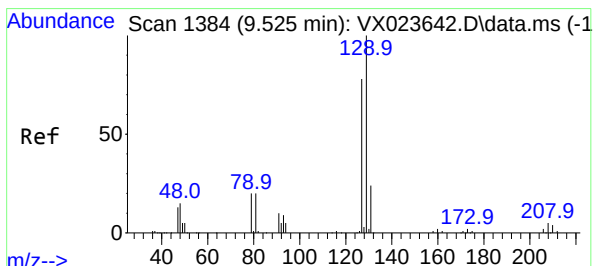
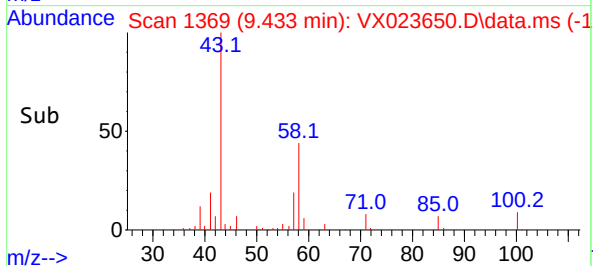
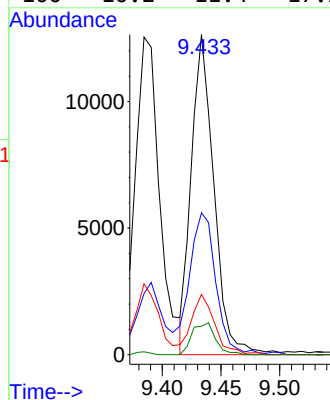
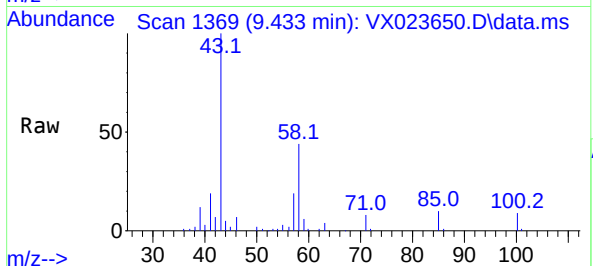


#48
2-Hexanone
Concen: 5.486 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

Tgt Ion: 43 Resp: 16990

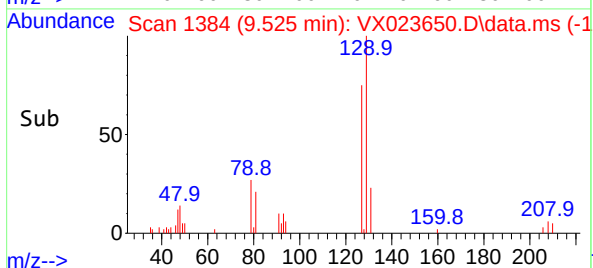
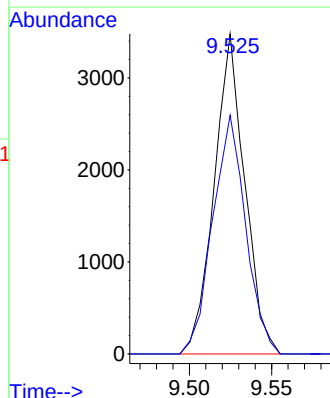
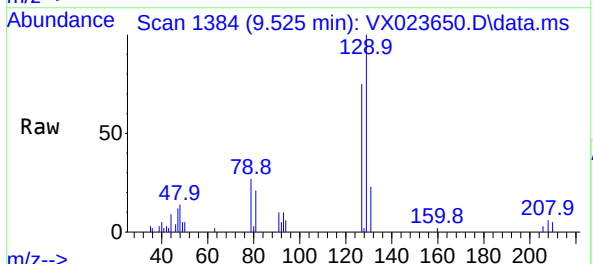
Ion	Ratio	Lower	Upper
43	100		
58	51.9	50.1	75.1
57	19.7	17.3	25.9
100	10.2	11.4	17.2

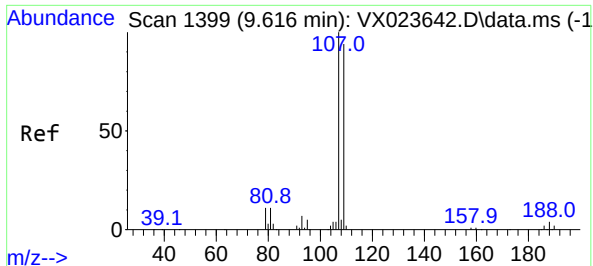


#49
Dibromochloromethane
Concen: 1.845 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

Tgt Ion: 129 Resp: 4500

Ion	Ratio	Lower	Upper
129	100		
127	74.6	52.5	97.5

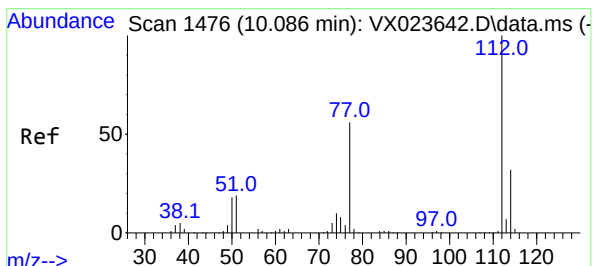
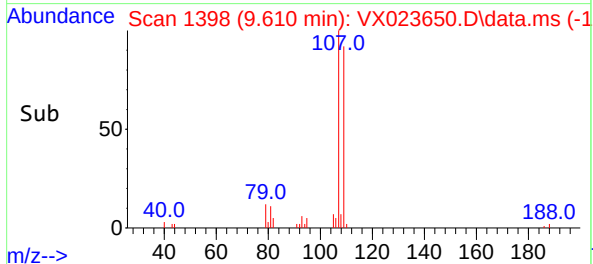
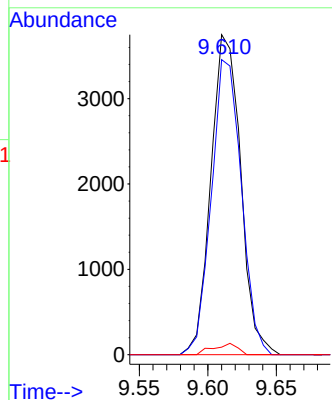
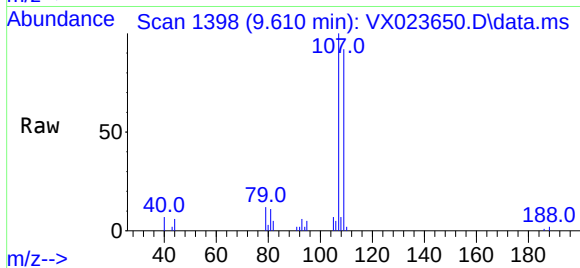




#50
1,2-Dibromoethane
Concen: 2.288 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

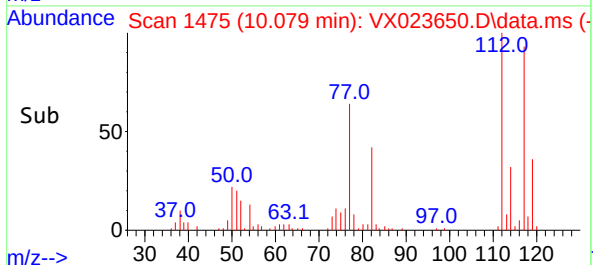
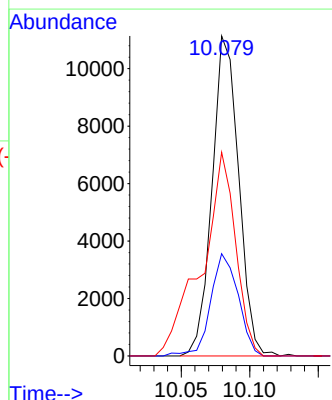
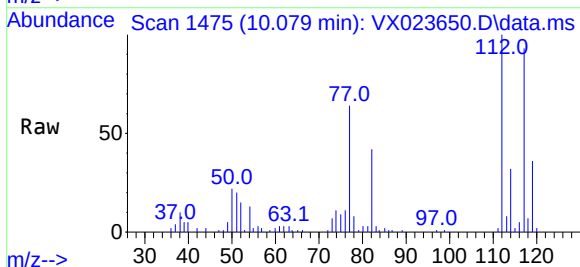
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

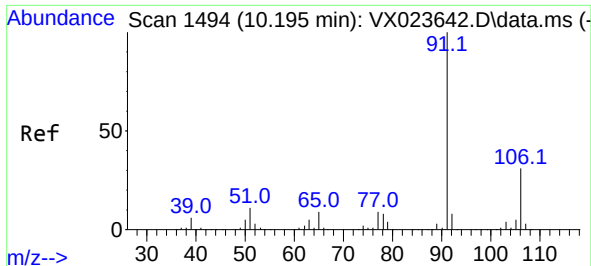
Tgt Ion:107 Resp: 5663
Ion Ratio Lower Upper
107 100
109 92.2 66.4 123.4
188 2.3 3.2 4.8#



#51
Chlorobenzene
Concen: 2.351 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

Tgt Ion:112 Resp: 15020
Ion Ratio Lower Upper
112 100
114 32.0 23.2 43.2
77 63.7 48.4 72.6

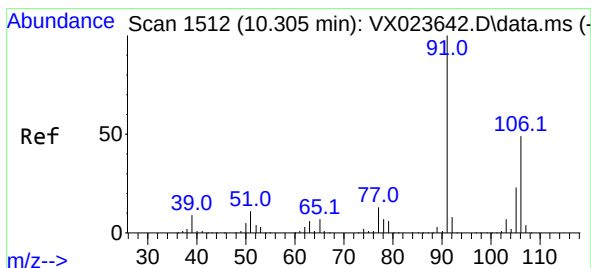
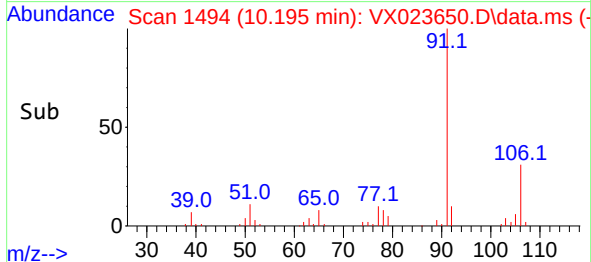
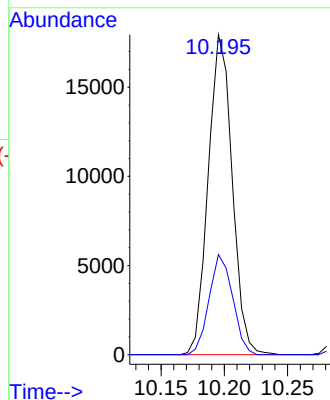
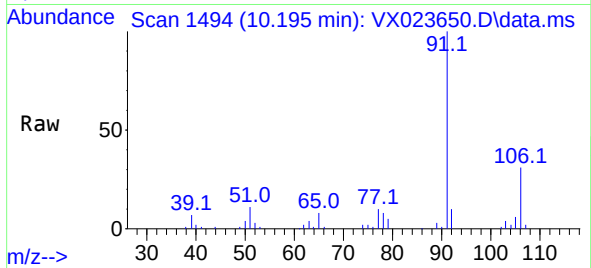




#52
Ethylbenzene
Concen: 2.246 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

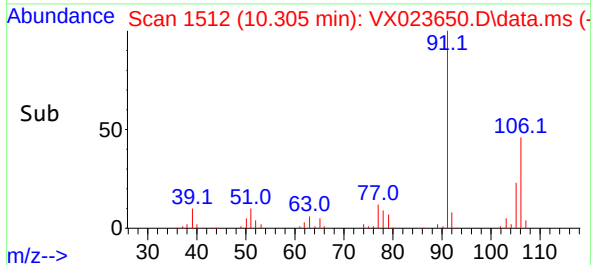
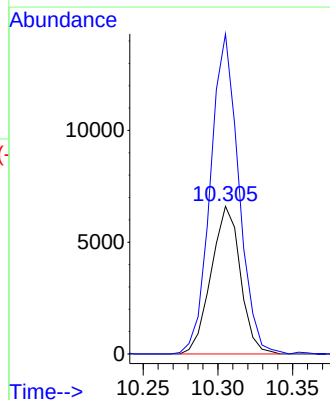
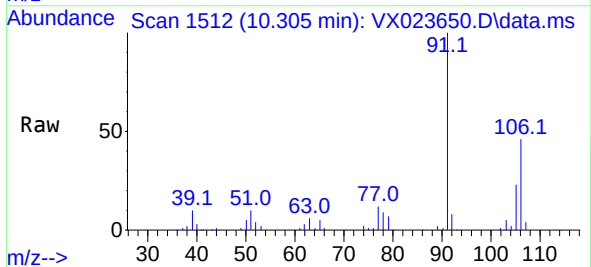
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

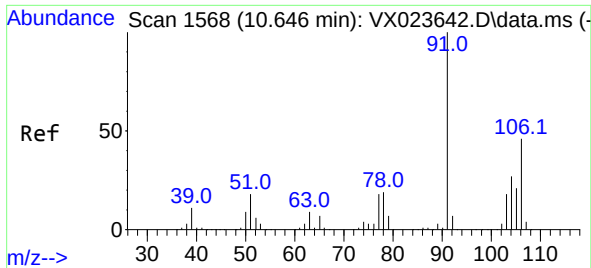
Tgt Ion: 91 Resp: 23641
Ion Ratio Lower Upper
91 100
106 31.3 21.0 39.0



#53
m,p-Xylene
Concen: 2.238 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

Tgt Ion:106 Resp: 8986
Ion Ratio Lower Upper
106 100
91 216.6 142.5 264.6

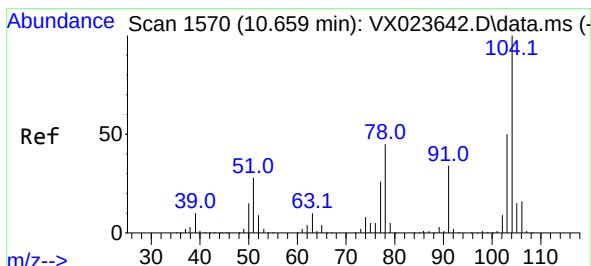
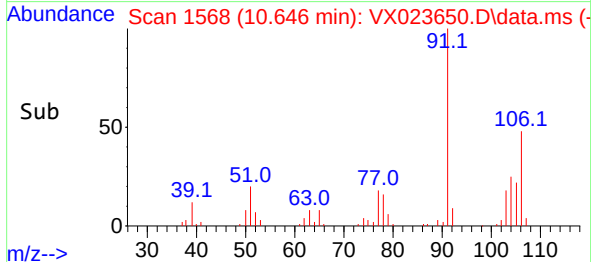
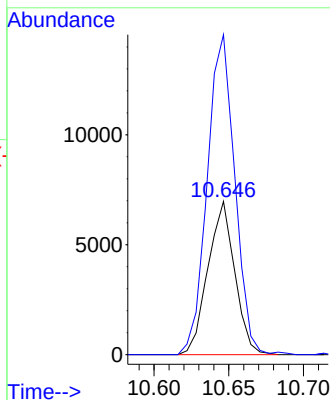
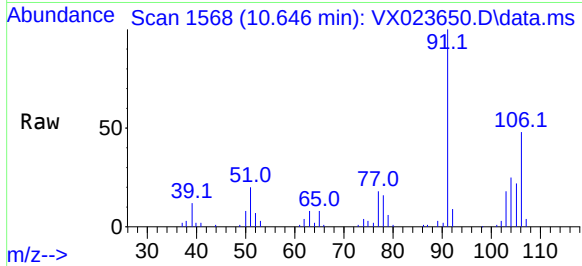




#54
o-Xylene
Concen: 2.180 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

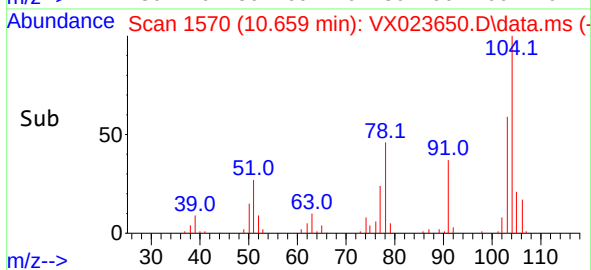
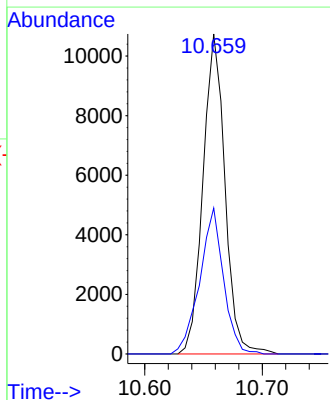
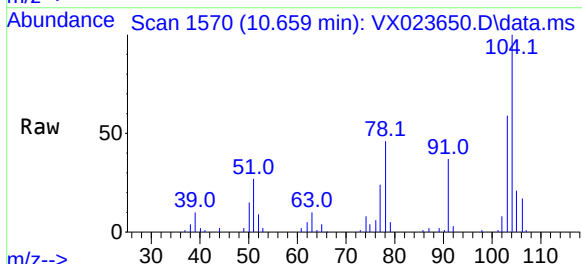
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

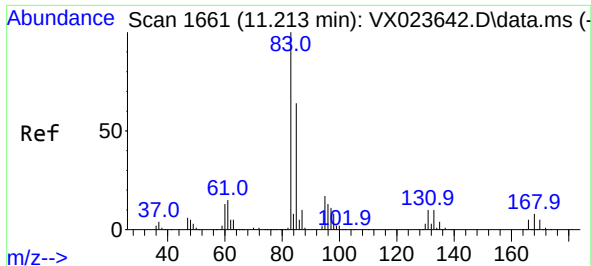
Tgt Ion:106 Resp: 8718
Ion Ratio Lower Upper
106 100
91 208.9 156.2 290.0



#55
Styrene
Concen: 2.071 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

Tgt Ion:104 Resp: 13950
Ion Ratio Lower Upper
104 100
78 45.6 30.0 55.6

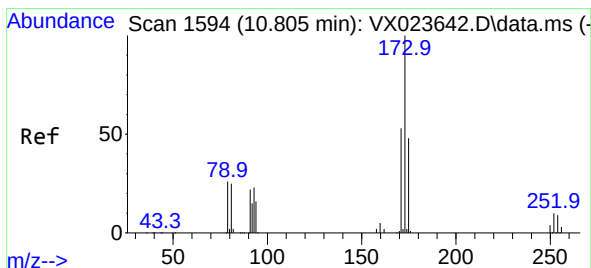
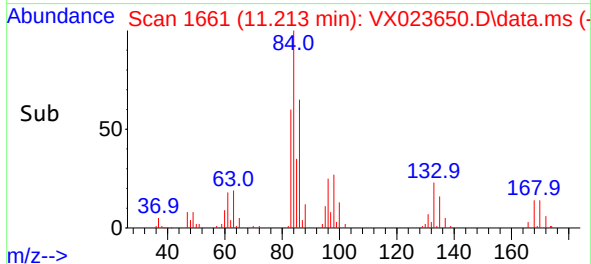
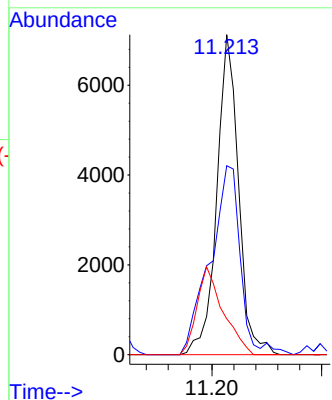
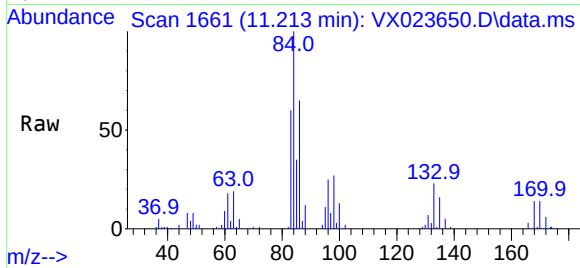




#57
1,1,2,2-Tetrachloroethane
Concen: 2.670 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

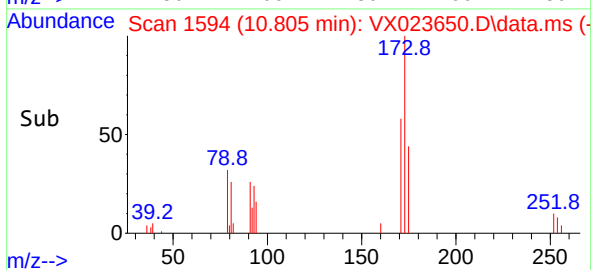
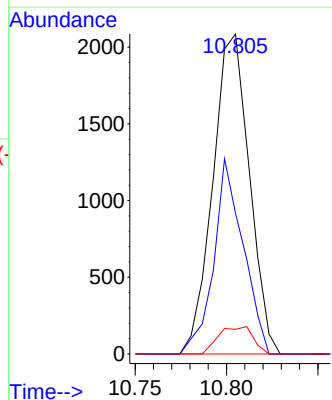
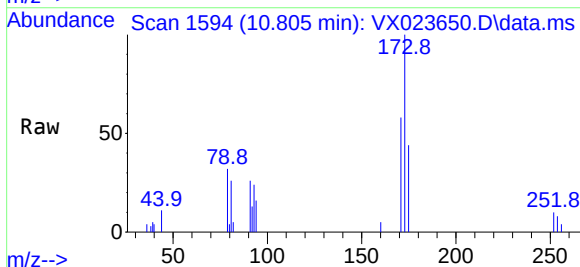
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

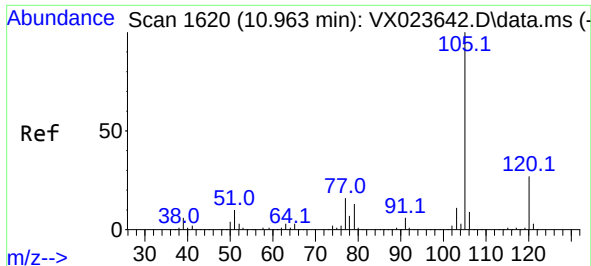
Tgt Ion:	83	Resp:	9814
Ion	Ratio	Lower	Upper
83	100		
85	59.1	44.7	82.9
131	11.2	7.8	11.8



#59
Bromoform
Concen: 1.786 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

Tgt Ion:	173	Resp:	2905
Ion	Ratio	Lower	Upper
173	100		
175	49.0	39.4	59.2
254	8.0	8.6	13.0#

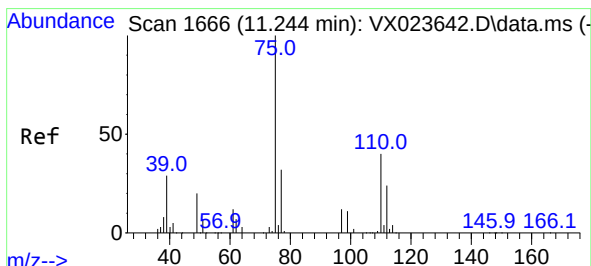
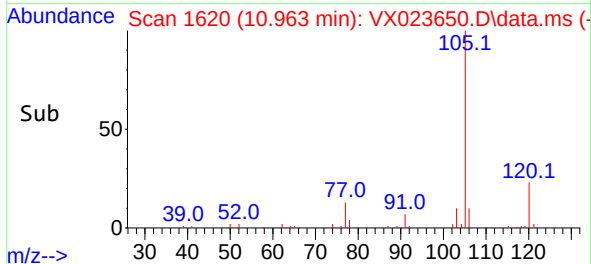
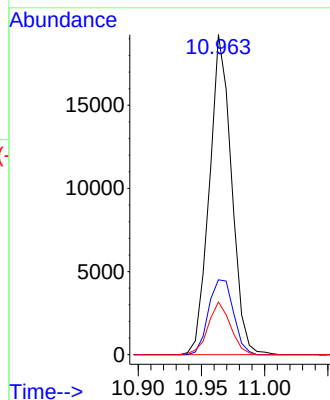
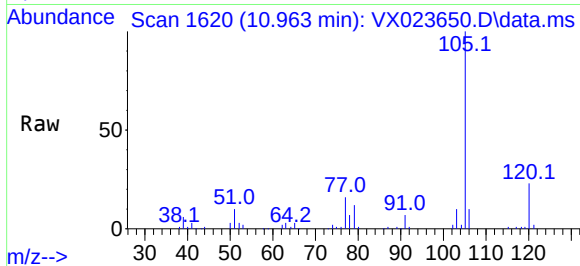




#60
Isopropylbenzene
Concen: 2.276 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

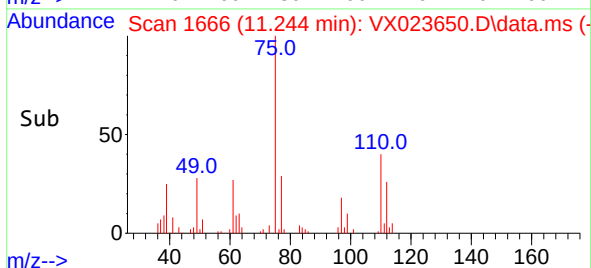
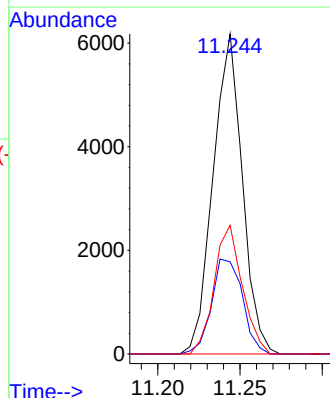
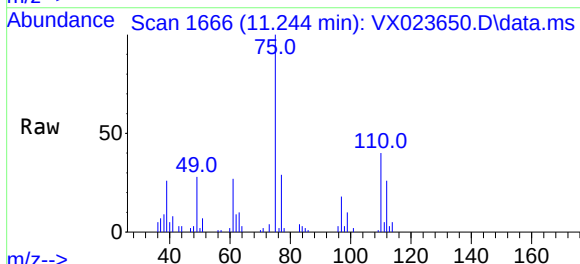
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

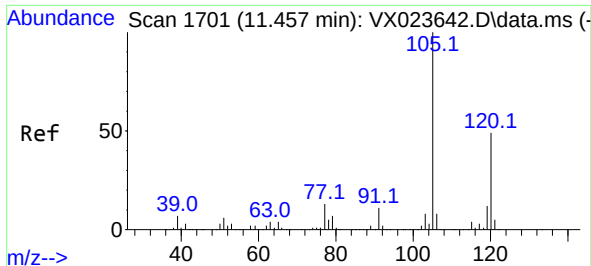
Tgt Ion:	105	Resp:	23429
Ion	Ratio	Lower	Upper
105	100		
120	26.4	21.2	31.8
77	16.7	12.6	18.8



#61
1,2,3-Trichloropropane
Concen: 2.503 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

Tgt Ion:	75	Resp:	7637
Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.2	39.2
110	38.7	31.8	47.8

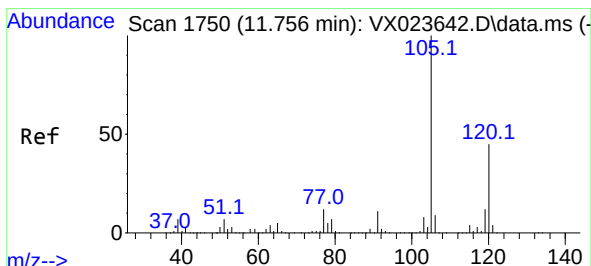
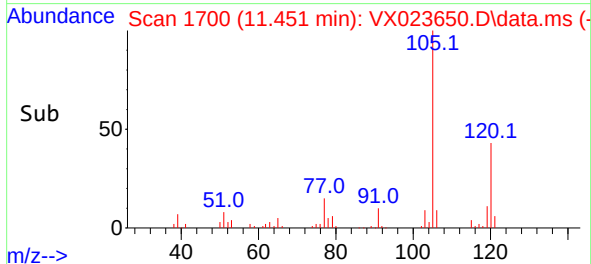
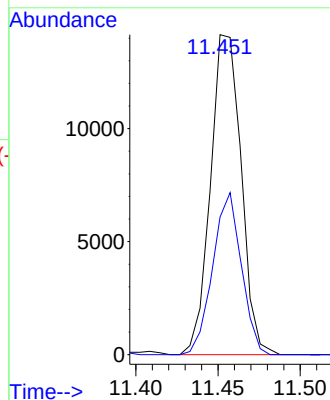
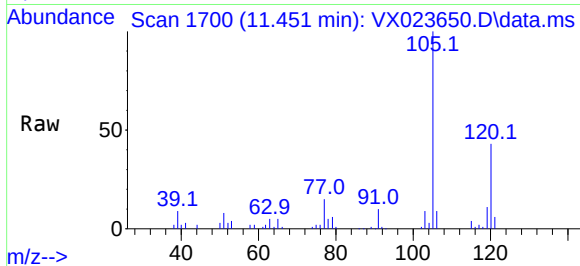




#62
1,3,5-Trimethylbenzene
Concen: 2.208 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

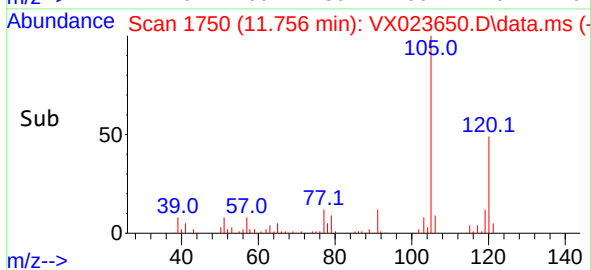
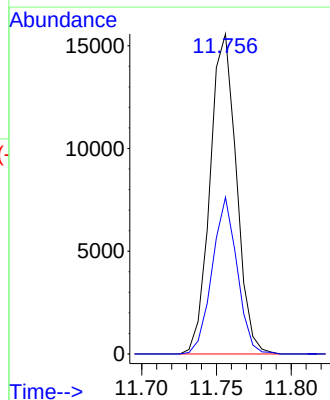
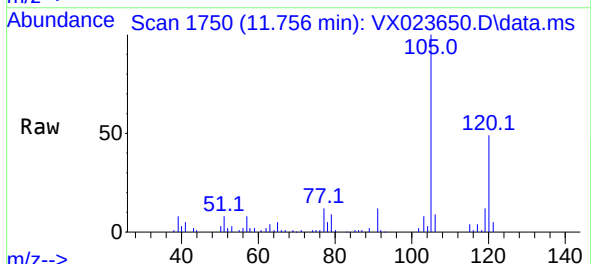
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

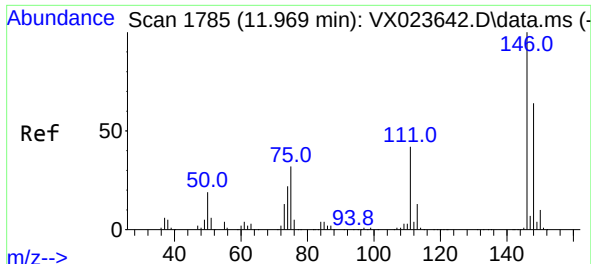
Tgt Ion:105 Resp: 18393
Ion Ratio Lower Upper
105 100
120 47.2 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 2.254 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

Tgt Ion:105 Resp: 19097
Ion Ratio Lower Upper
105 100
120 46.2 36.4 54.6



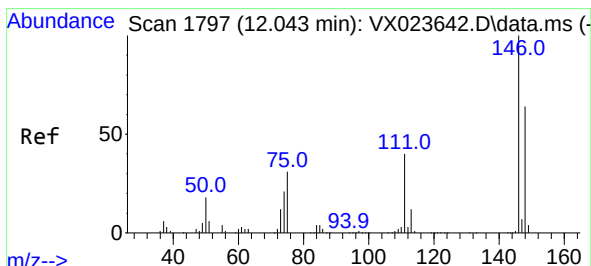
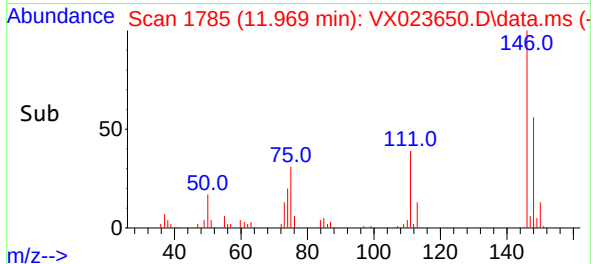
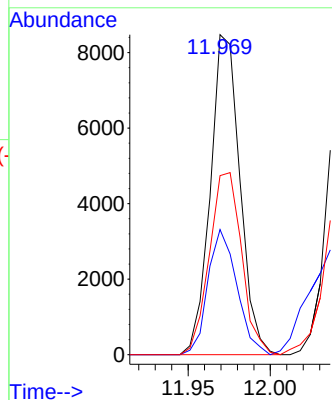
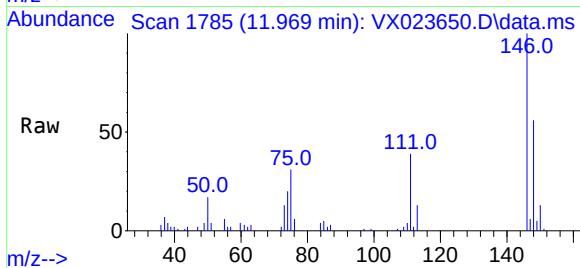


#64
1,3-Dichlorobenzene
Concen: 2.361 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

Tgt Ion:146 Resp: 10620

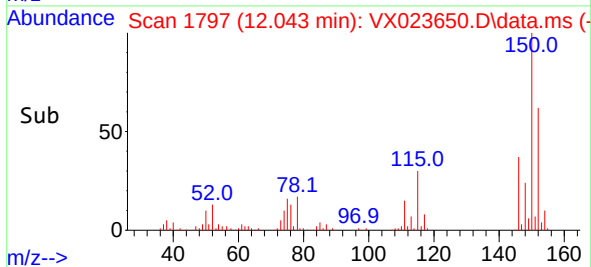
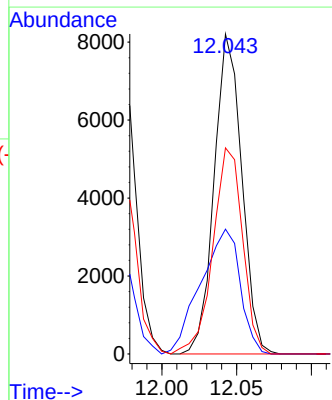
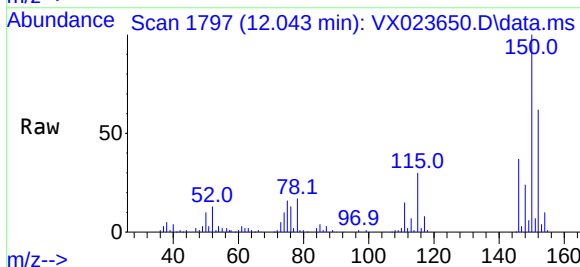
Ion	Ratio	Lower	Upper
146	100		
111	39.1	28.9	53.7
148	55.9	47.7	88.7

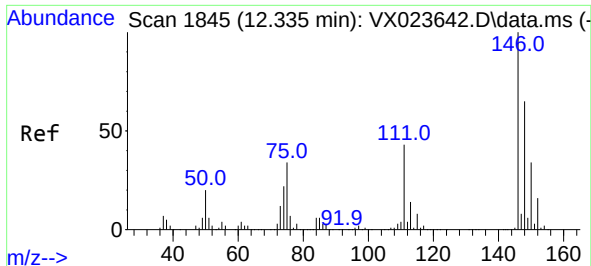


#65
1,4-Dichlorobenzene
Concen: 2.355 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

Tgt Ion:146 Resp: 10543

Ion	Ratio	Lower	Upper
146	100		
111	39.0	28.7	53.3
148	64.4	45.8	85.2

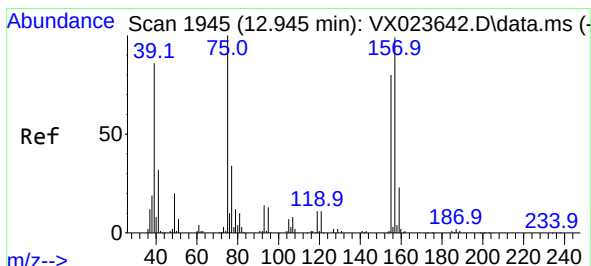
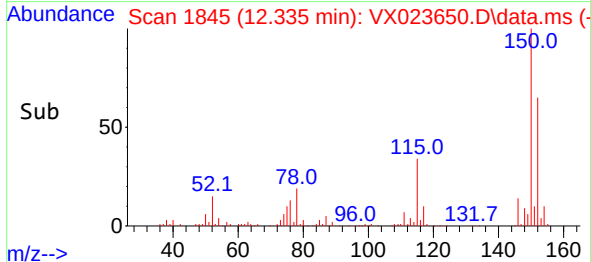
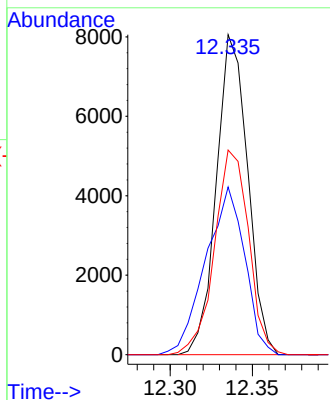
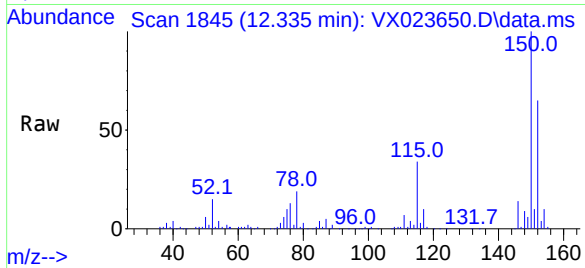




#67
1,2-Dichlorobenzene
Concen: 2.416 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

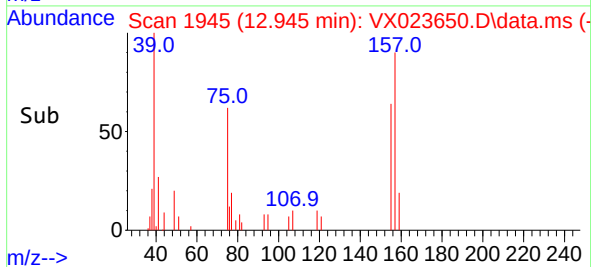
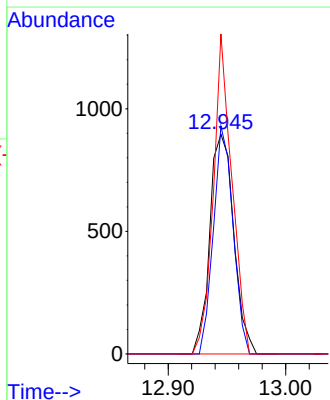
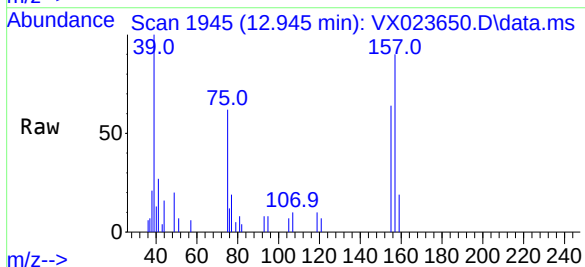
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

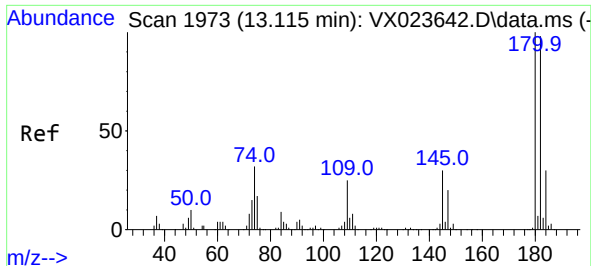
Tgt Ion:146 Resp: 10668
Ion Ratio Lower Upper
146 100
111 52.4 33.8 50.8#
148 64.0 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 1.790 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

Tgt Ion: 75 Resp: 1272
Ion Ratio Lower Upper
75 100
155 103.8 65.3 97.9#
157 145.6 80.5 120.7#



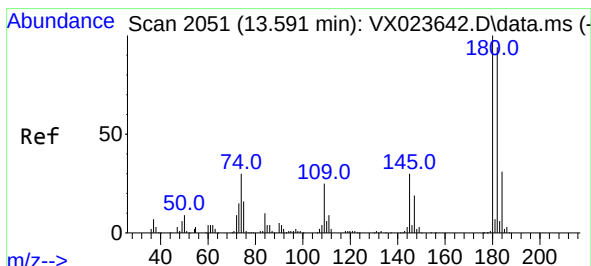
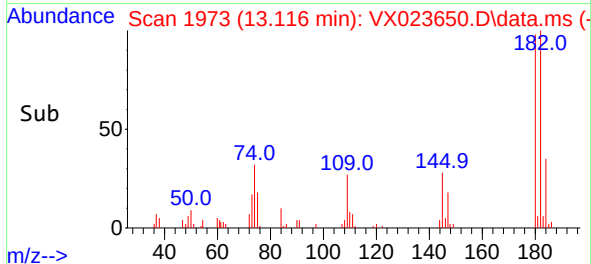
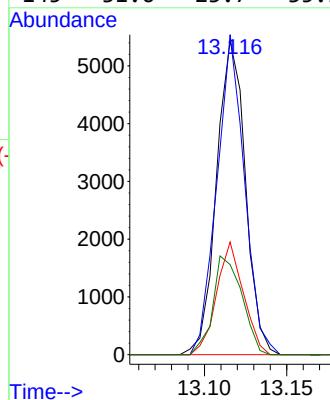
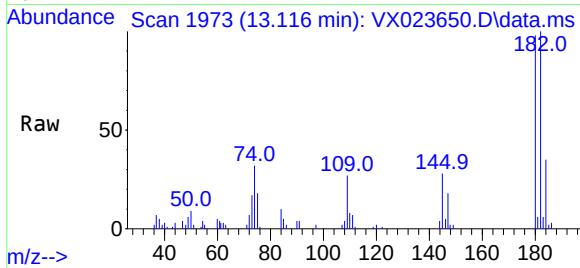


#69
1,3,5-Trichlorobenzene
Concen: 2.135 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

Tgt Ion:180 Resp: 6627

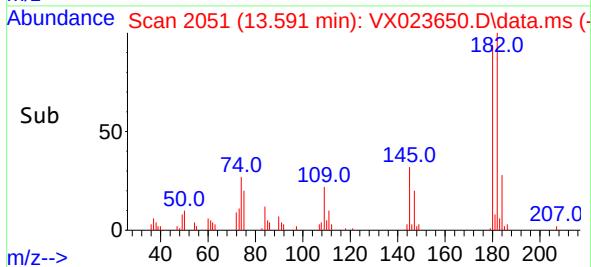
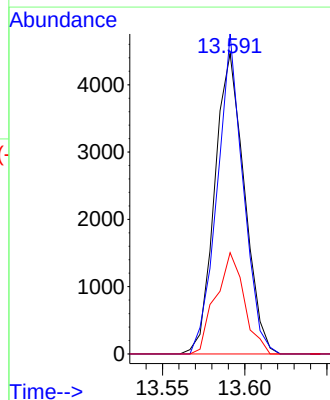
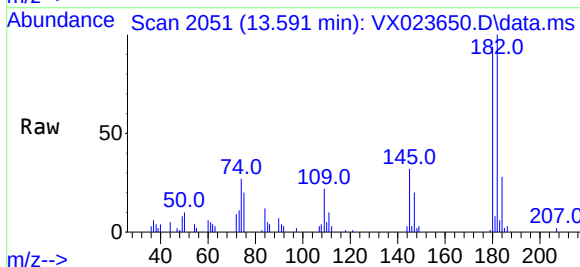
Ion	Ratio	Lower	Upper
180	100		
182	97.5	74.8	112.2
184	33.4	24.1	36.1
145	31.6	23.7	35.5

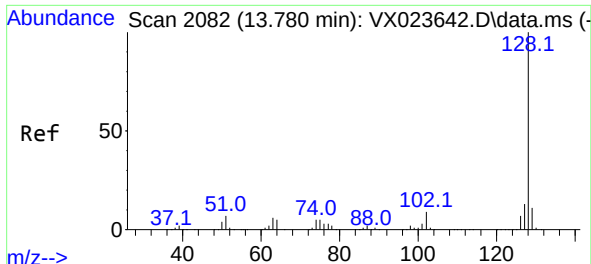


#70
1,2,4-trichlorobenzene
Concen: 2.089 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

Tgt Ion:180 Resp: 5586

Ion	Ratio	Lower	Upper
180	100		
182	93.4	74.3	111.5
145	32.5	24.1	36.1

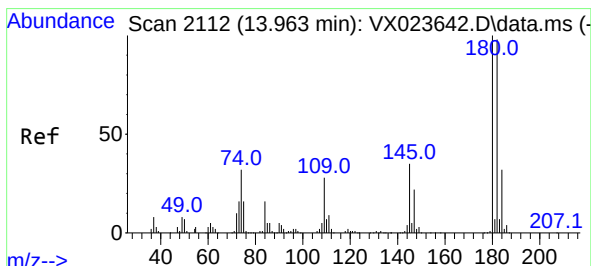
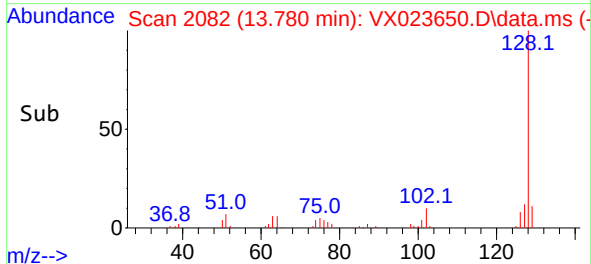
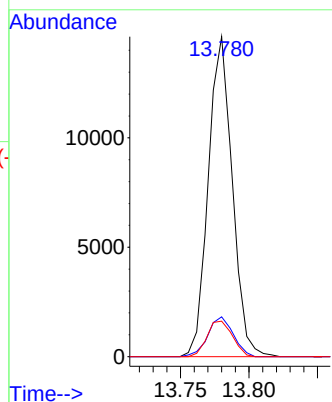
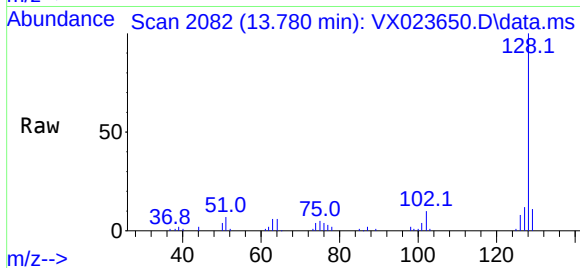




#71
Naphthalene
Concen: 1.922 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-07

Tgt Ion:	128	Resp:	17813
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	11.8	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 2.108 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX023650.D
Acq: 11 Aug 2021 15:13

Tgt Ion:	180	Resp:	5806
Ion	Ratio	Lower	Upper
180	100		
182	98.0	74.6	112.0
145	36.0	25.6	38.4

