

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
 Data File : VX021942.D
 Acq On : 12 May 2021 22:01
 Operator : JC/MD
 Sample : M2262-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: May 13 06:27:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 13 06:11:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.910	128	18532	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	107615	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.061	117	93160	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	42664	29.89	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.63%
60) 4-Bromofluorobenzene	11.085	95	47024	30.42	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.40%
63) Toluene-d8	8.653	98	128574	30.20	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.67%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	2352	2.15	ug/l	95
3) Chloromethane	1.295	50	2980	2.27	ug/l	97
4) Vinyl Chloride	1.374	62	3422	2.51	ug/l	99
5) Bromomethane	1.612	94	2134	2.78	ug/l	96
6) Chloroethane	1.691	64	2197	2.50	ug/l	92
7) Trichlorofluoromethane	1.892	101	4547	2.38	ug/l	97
8) Diethyl Ether	2.136	74	2179	2.66	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	2403	2.20	ug/l	92
10) 1,1-Dichloroethene	2.325	96	2565	2.33	ug/l	98
11) Methyl Iodide	2.459	142	3102	2.83	ug/l	98
12) Methyl Acetate	3.123	43	1943	1.28	ug/l	93
13) Acrolein	2.246	56	2739	11.60	ug/l	95
14) Acrylonitrile	3.075	53	6956	11.19	ug/l	92
15) Acetone	2.386	58	2414	13.01	ug/l	88
16) Carbon Disulfide	2.514	76	8124	2.70	ug/l #	95
17) Allyl chloride	2.666	41	4814	2.48	ug/l	94
18) Methylene Chloride	2.794	84	3862	2.95	ug/l	92
19) trans-1,2-Dichloroethene	3.093	96	3046	2.54	ug/l	95
20) Diisopropyl ether	3.776	45	8529	2.33	ug/l #	84
21) 1,1-Dichloroethane	3.611	63	5182	2.36	ug/l	91
22) cis-1,2-Dichloroethene	4.489	96	1889	1.34	ug/l	92
23) tert-Butyl Alcohol	2.971	59	3982	13.18	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	8207	2.29	ug/l	93
25) Chloroform	5.105	83	3372	1.52	ug/l	84
26) Cyclohexane	5.477	56	4294	2.37	ug/l #	97
29) 1,1-Dichloropropene	5.696	75	4236	2.52	ug/l	79
30) 2-Butanone	4.568	43	11887	12.47	ug/l #	83
31) 2,2-Dichloropropane	4.489	77	4459	2.25	ug/l #	63
32) 1,1,1-Trichloroethane	5.391	97	4339	2.18	ug/l	96
33) Carbon Tetrachloride	5.690	117	3804	2.26	ug/l	98
34) Benzene	6.038	78	12261	2.39	ug/l	92
35) Methacrylonitrile	4.940	41	2505	2.45	ug/l	85
36) 1,2-Dichloroethane	6.086	62	2077	1.18	ug/l	97
37) Trichloroethene	7.135	130	3054	2.36	ug/l	83
38) Methylcyclohexane	7.391	83	4544	2.38	ug/l	92
39) 1,2-Dichloropropane	7.446	63	3036	2.37	ug/l	98
40) Dibromomethane	7.580	93	2161	2.42	ug/l	94
41) Bromodichloromethane	7.830	83	4086	2.29	ug/l #	79
42) Vinyl Acetate	3.733	43	40969	11.51	ug/l	99

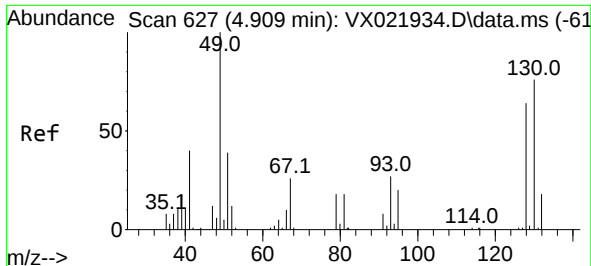
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.727	43	3241	1.67	ug/l #	91
44) Isopropyl Acetate	6.348	43	7620	2.38	ug/l	97
45) 1,4-Dioxane	7.690	88	1525	53.46	ug/l #	100
46) Methyl methacrylate	7.702	41	3710	2.50	ug/l	82
47) n-amyl Acetate	10.848	43	6353	2.39	ug/l	99
48) t-1,3-Dichloropropene	8.982	75	4609	2.30	ug/l	94
49) cis-1,3-Dichloropropene	8.373	75	5042	2.35	ug/l	95
50) 1,1,2-Trichloroethane	9.159	97	3041	2.39	ug/l #	86
51) Ethyl methacrylate	9.122	69	5055	2.47	ug/l	89
52) 1,3-Dichloropropane	9.317	76	5370	2.42	ug/l	99
53) Dibromochloromethane	9.525	129	2859	2.24	ug/l	94
54) 1,2-Dibromoethane	9.616	107	3027	2.32	ug/l	98
55) 2-Chloroethyl vinyl ether	8.245	63	13045	12.06	ug/l	97
56) Bromoform	10.805	173	1671	2.06	ug/l #	93
58) 4-Methyl-2-Pentanone	8.580	43	22495	11.97	ug/l	98
59) 2-Hexanone	9.433	43	16005	11.50	ug/l	97
61) Tetrachloroethene	9.275	164	2473	2.34	ug/l	94
62) Toluene	8.726	91	13055	2.45	ug/l	98
64) Chlorobenzene	10.086	112	8013	2.51	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.165	131	2912	2.50	ug/l	90
66) Ethyl Benzene	10.195	91	13806	2.35	ug/l	97
67) m/p-Xylenes	10.305	106	10372	4.66	ug/l	100
68) o-Xylene	10.647	106	5471	2.53	ug/l	92
69) Styrene	10.659	104	8627	2.38	ug/l	98
70) Isopropylbenzene	10.964	105	13099	2.30	ug/l	93
71) 1,1,2,2-Tetrachloroethane	11.220	83	4406	2.35	ug/l	97
72) 1,2,3-Trichloropropane	11.244	75	5054	3.04	ug/l	69
73) Bromobenzene	11.201	156	2899	2.41	ug/l	92
74) n-propylbenzene	11.305	91	15515	2.34	ug/l	99
75) 2-Chlorotoluene	11.366	91	9437	2.40	ug/l	99
76) 1,3,5-Trimethylbenzene	11.457	105	11246	2.37	ug/l	98
77) t-1,4-Dichloro-2-butene	11.025	75	1574	2.34	ug/l	87
78) 4-Chlorotoluene	11.457	91	10517	2.33	ug/l	99
79) tert-butylbenzene	11.719	119	10940	2.41	ug/l	96
80) 1,2,4-Trimethylbenzene	11.756	105	11231	2.37	ug/l	98
81) sec-Butylbenzene	11.896	105	13231	2.32	ug/l	98
82) p-Isopropyltoluene	12.012	119	10501	2.19	ug/l	95
83) 1,3-Dichlorobenzene	11.976	146	5249	2.30	ug/l	97
84) 1,4-Dichlorobenzene	12.049	146	5759	2.51	ug/l	96
85) n-Butylbenzene	12.335	91	9477	2.16	ug/l	98
86) Hexachloroethane	12.549	117	1734	2.18	ug/l	96
87) 1,2-Dichlorobenzene	12.335	146	5593	2.53	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	12.945	75	1059	2.54	ug/l #	81
89) 1,2,4-Trichlorobenzene	13.591	180	2788	2.06	ug/l	96
90) Hexachlorobutadiene	13.731	225	1421	2.71	ug/l	87
91) Naphthalene	13.780	128	11517	2.17	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	2910	2.16	ug/l	99

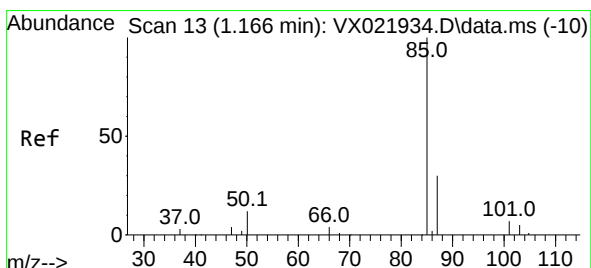
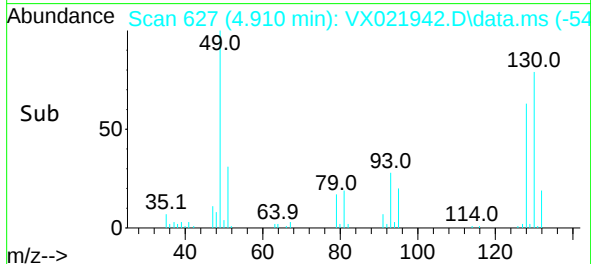
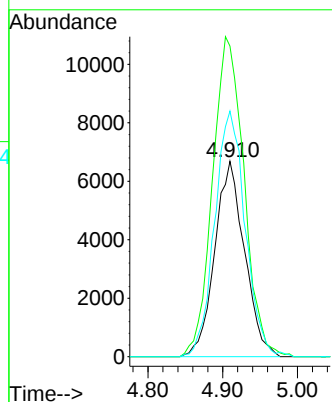
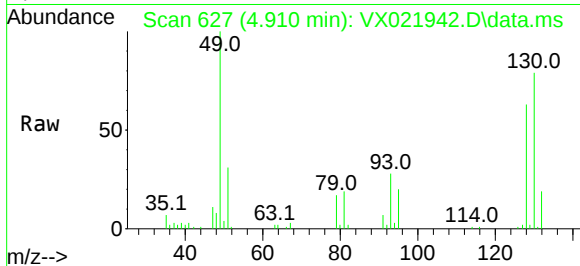
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 30.00 ug/l
 RT: 4.910 min Scan# 627
 Delta R.T. 0.001 min
 Lab File: VX021942.D
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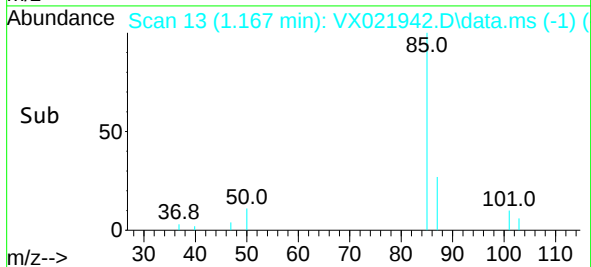
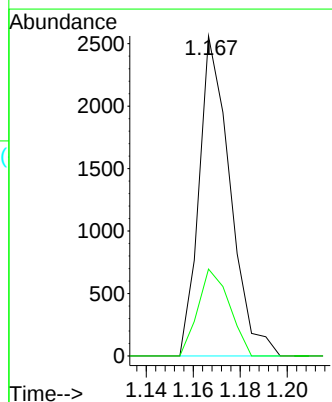
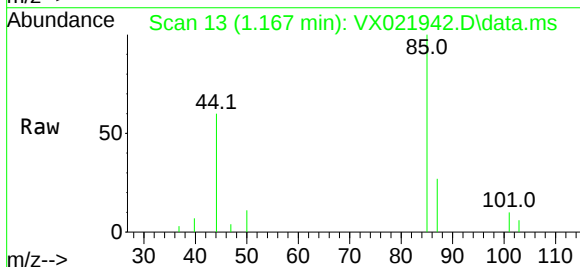
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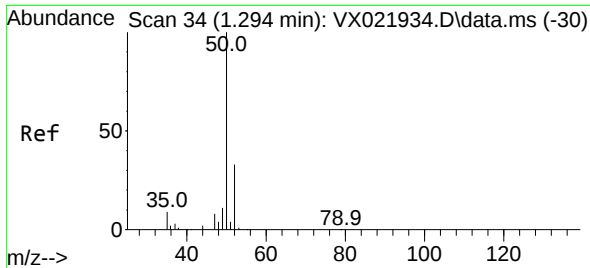
Tgt Ion:	128	Resp:	18532
Ion	Ratio	Lower	Upper
128	100		
49	172.3	0.0	442.5
130	128.5	0.0	323.3



#2
 Dichlorodifluoromethane
 Concen: 2.15 ug/l
 RT: 1.167 min Scan# 13
 Delta R.T. 0.000 min
 Lab File: VX021942.D
 Acq: 12 May 2021 22:01

Tgt Ion:	85	Resp:	2352
Ion	Ratio	Lower	Upper
85	100		
87	27.2	14.9	44.5

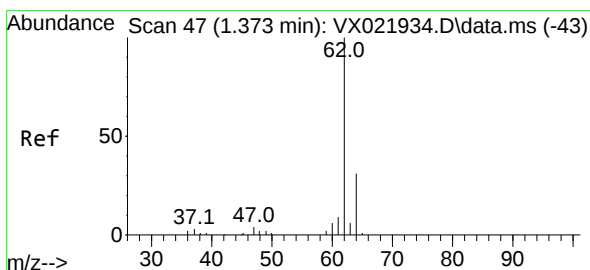
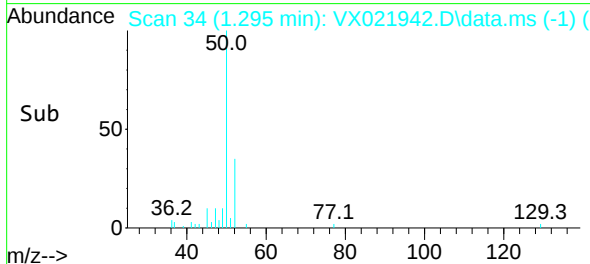
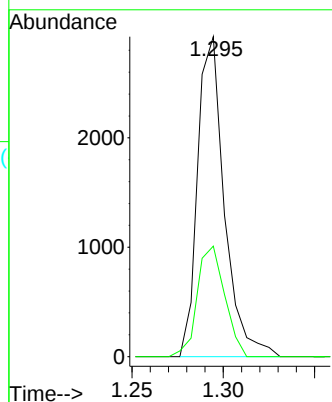
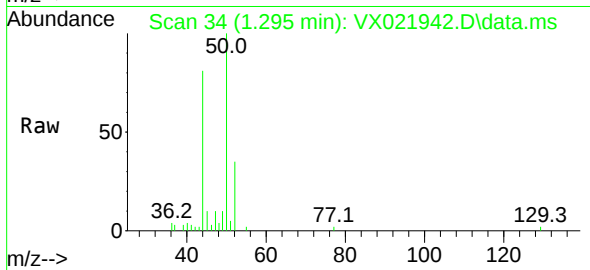




#3
Chloromethane
Concen: 2.27 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

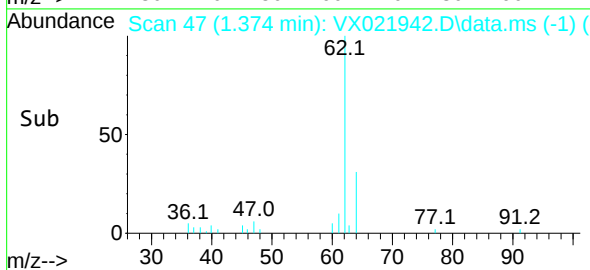
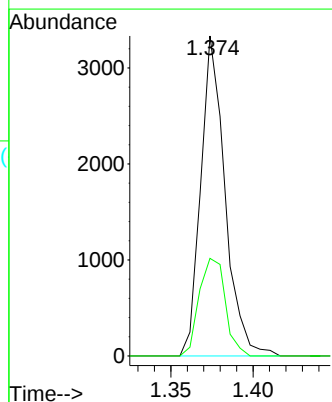
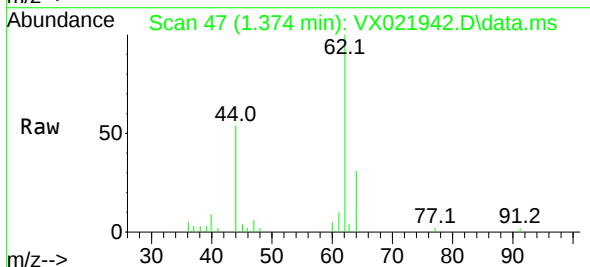
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2021

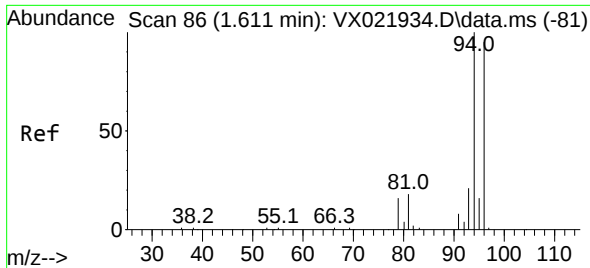
Tgt Ion: 50 Resp: 2980
Ion Ratio Lower Upper
50 100
52 34.6 26.2 39.4



#4
Vinyl Chloride
Concen: 2.51 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

Tgt Ion: 62 Resp: 3422
Ion Ratio Lower Upper
62 100
64 30.5 24.9 37.3

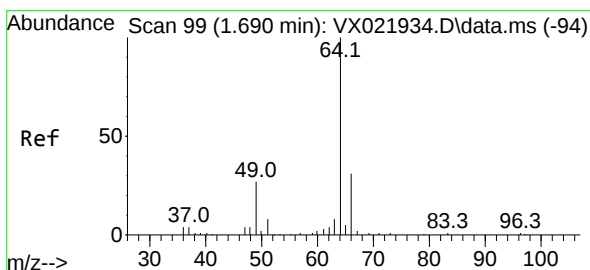
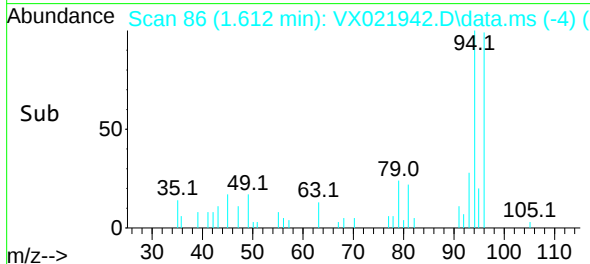
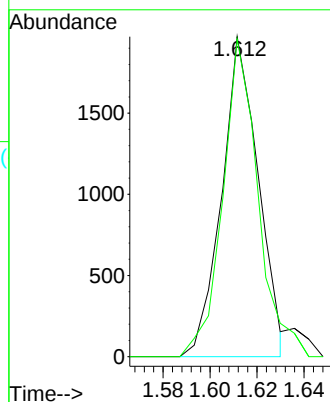
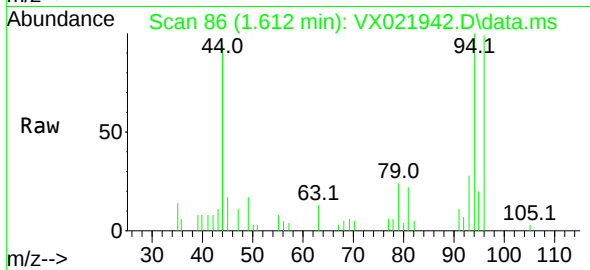




#5
Bromomethane
Concen: 2.78 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

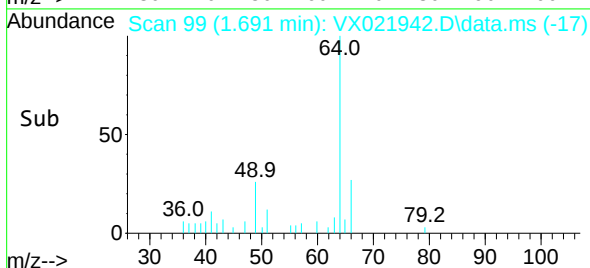
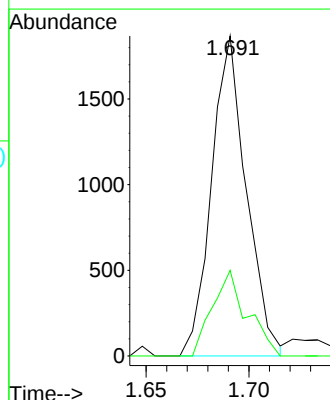
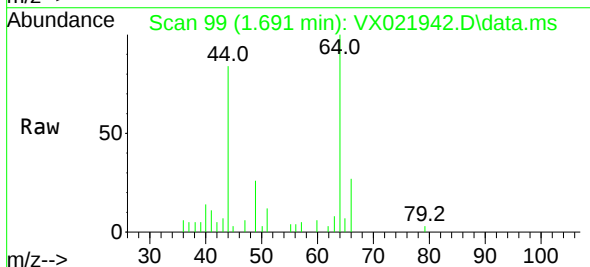
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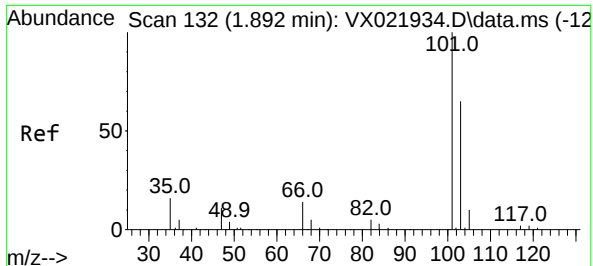
Tgt Ion: 94 Resp: 2134
Ion Ratio Lower Upper
94 100
96 99.3 76.1 114.1



#6
Chloroethane
Concen: 2.50 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

Tgt Ion: 64 Resp: 2197
Ion Ratio Lower Upper
64 100
66 26.8 24.9 37.3

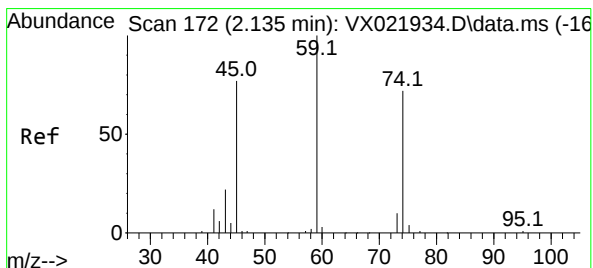
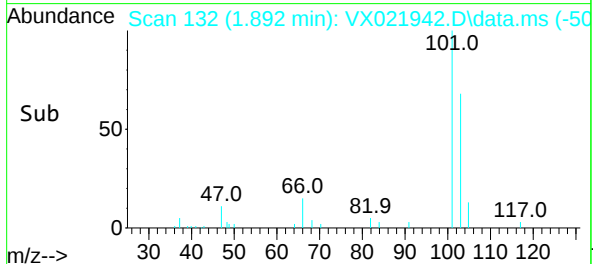
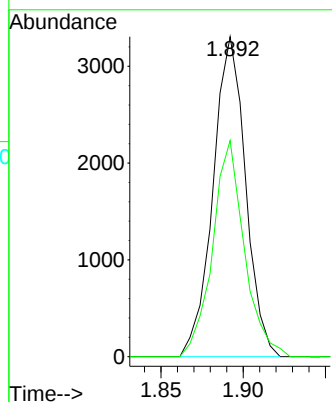
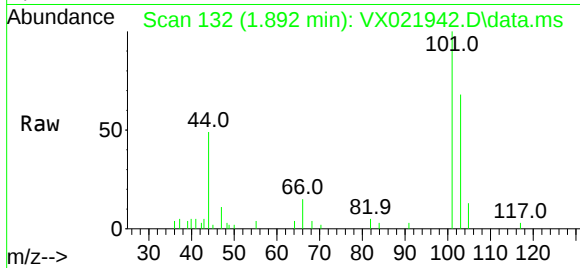




#7
 Trichlorofluoromethane
 Concen: 2.38 ug/l
 RT: 1.892 min Scan# 132
 Delta R.T. 0.000 min
 Lab File: VX021942.D
 Acq: 12 May 2021 22:01

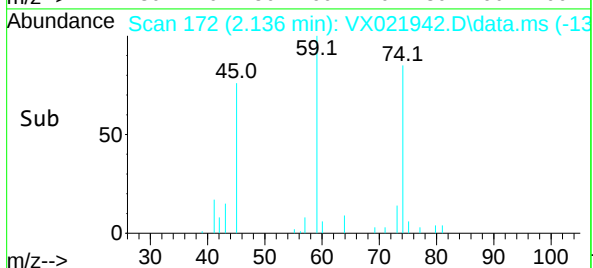
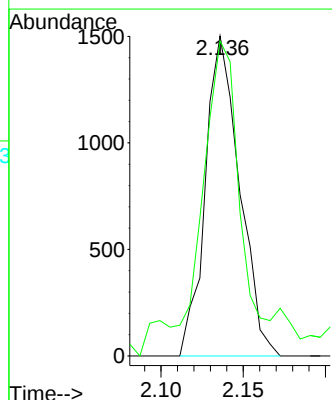
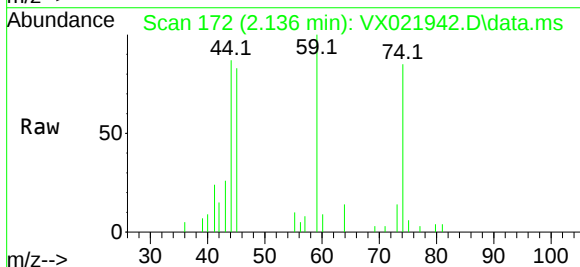
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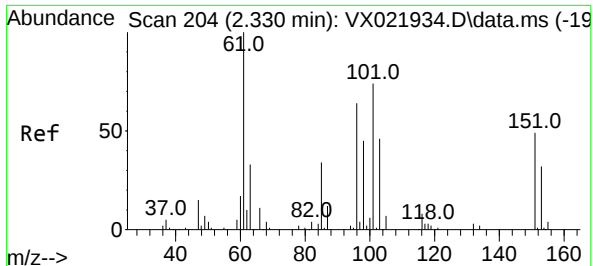
Tgt Ion:101 Resp: 4547
 Ion Ratio Lower Upper
 101 100
 103 67.5 52.4 78.6



#8
 Diethyl Ether
 Concen: 2.66 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX021942.D
 Acq: 12 May 2021 22:01

Tgt Ion: 74 Resp: 2179
 Ion Ratio Lower Upper
 74 100
 45 106.0 21.1 189.9

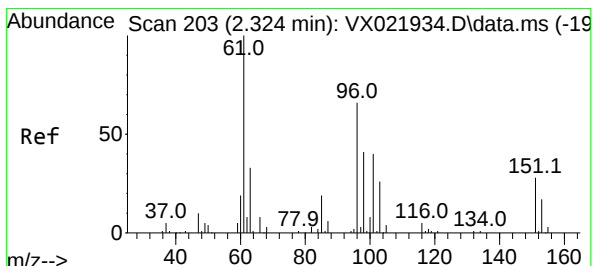
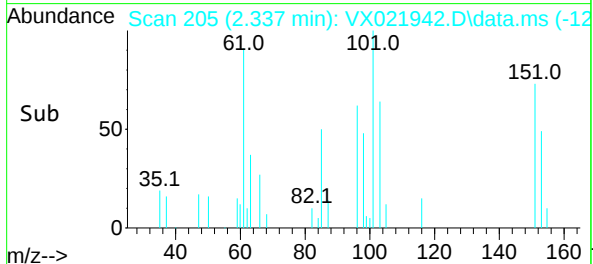
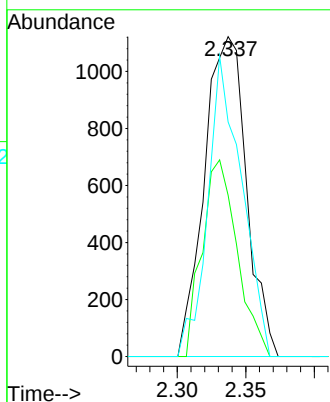
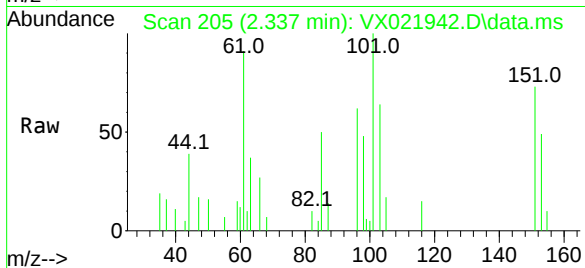




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.20 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.007 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

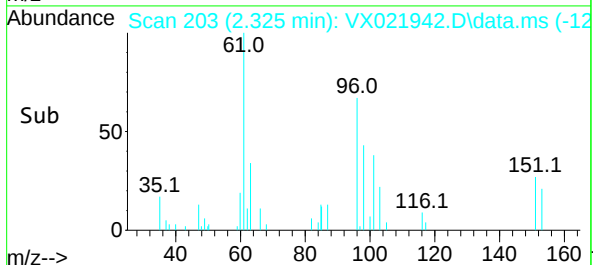
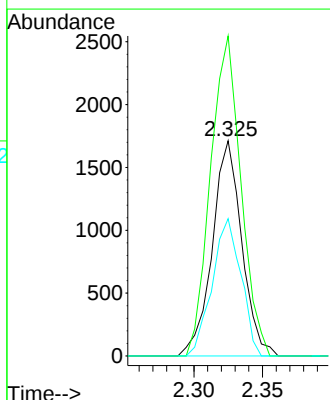
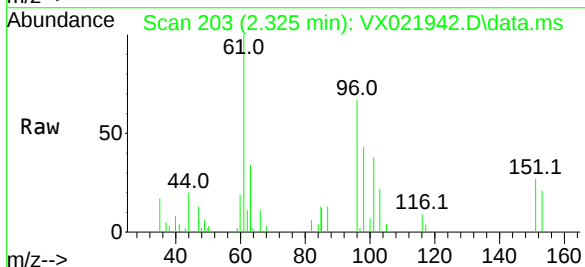
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2021

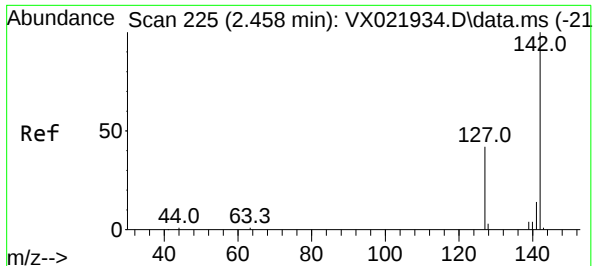
Tgt Ion:101 Resp: 2403
Ion Ratio Lower Upper
101 100
85 51.2 0.0 93.0
151 75.6 0.0 136.6



#10
1,1-Dichloroethene
Concen: 2.33 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

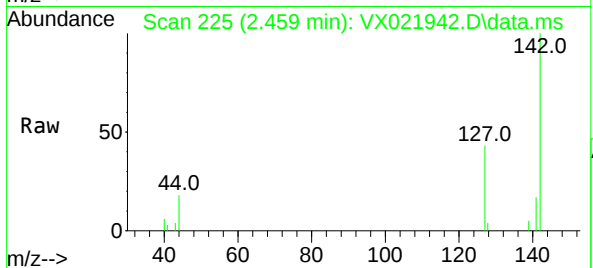
Tgt Ion: 96 Resp: 2565
Ion Ratio Lower Upper
96 100
61 148.7 121.0 181.4
98 63.8 49.1 73.7



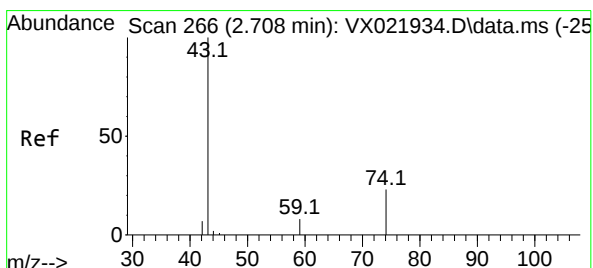
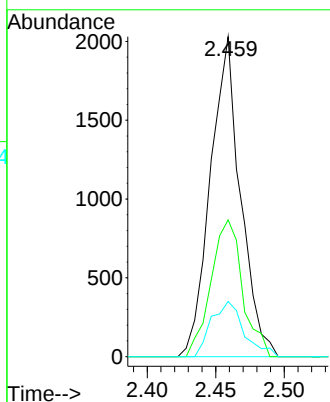
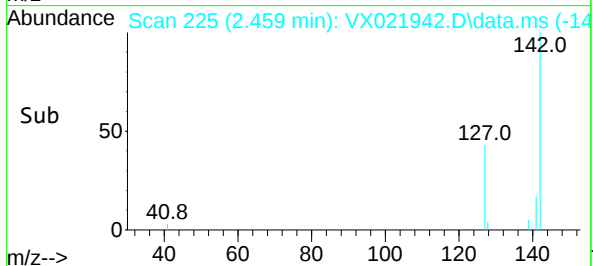


#11
Methyl Iodide
Concen: 2.83 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

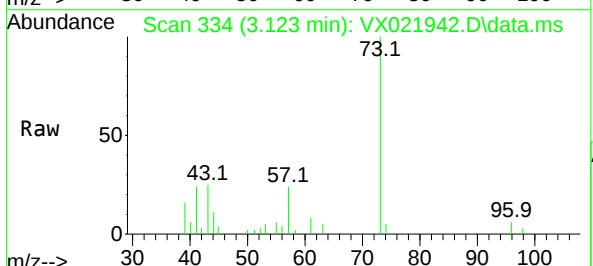
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2021



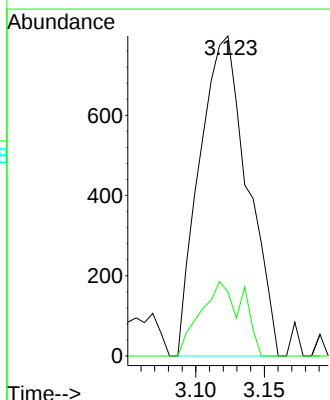
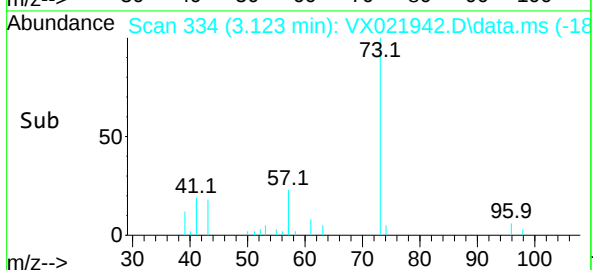
Tgt Ion:142 Resp: 3102
Ion Ratio Lower Upper
142 100
127 42.8 21.3 63.7
141 17.2 7.2 21.6

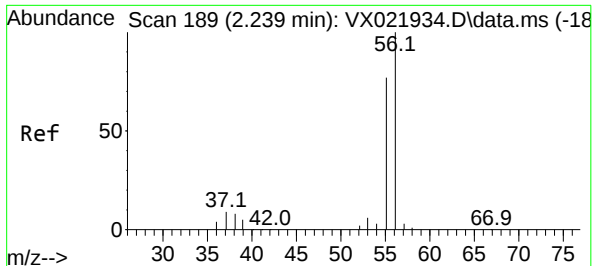


#12
Methyl Acetate
Concen: 1.28 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.415 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01



Tgt Ion: 43 Resp: 1943
Ion Ratio Lower Upper
43 100
74 19.9 18.5 27.7

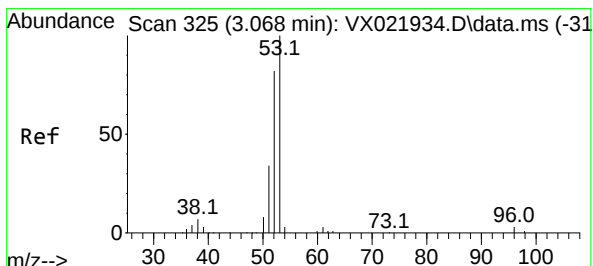
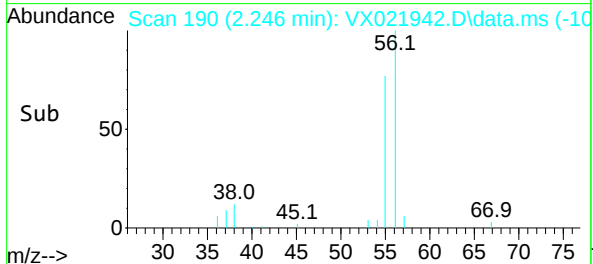
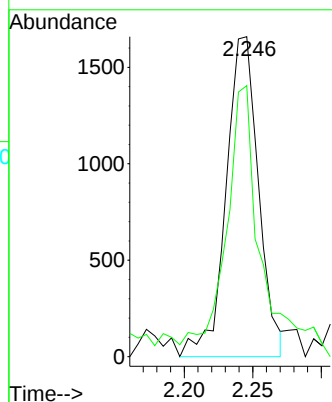
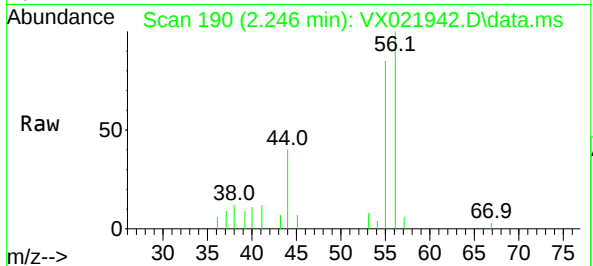




#13
Acrolein
Concen: 11.60 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.007 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

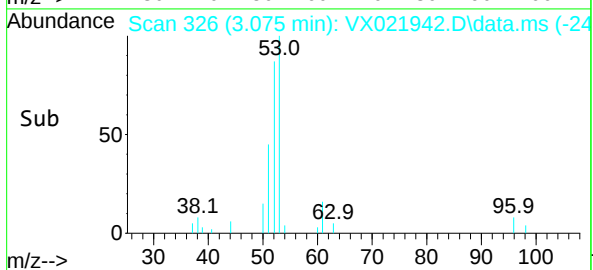
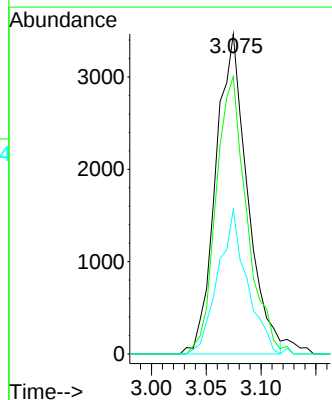
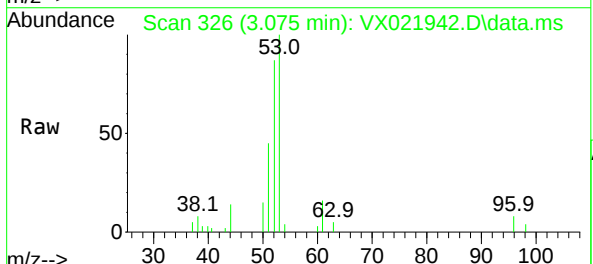
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2021

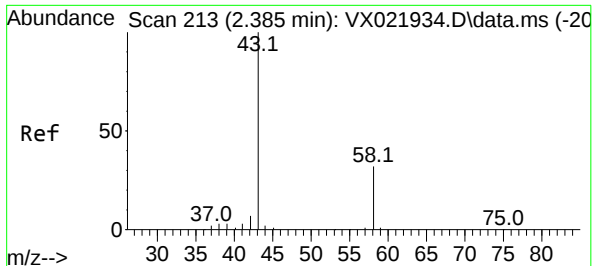
Tgt Ion: 56 Resp: 2739
Ion Ratio Lower Upper
56 100
55 76.0 57.6 86.4



#14
Acrylonitrile
Concen: 11.19 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.007 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

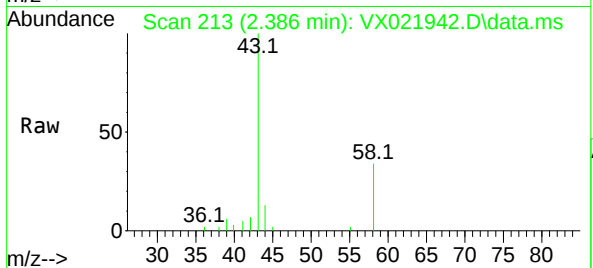
Tgt Ion: 53 Resp: 6956
Ion Ratio Lower Upper
53 100
52 84.4 39.3 117.9
51 41.2 17.1 51.2



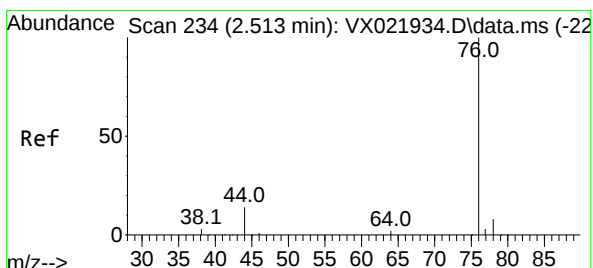
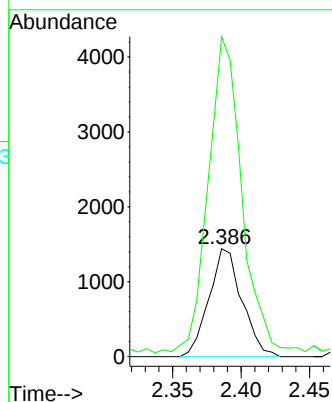
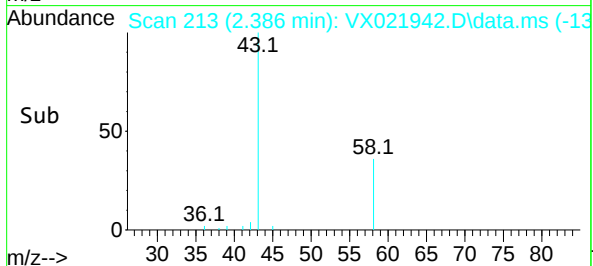


#15
Acetone
Concen: 13.01 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

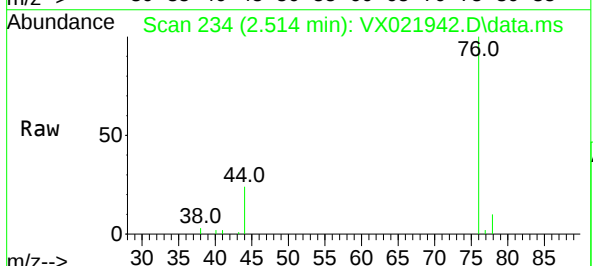
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2021



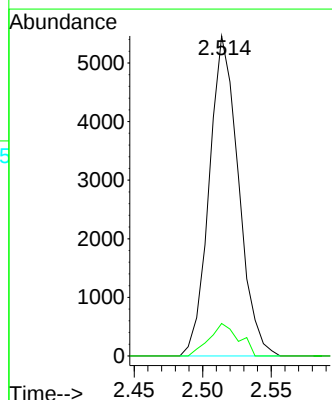
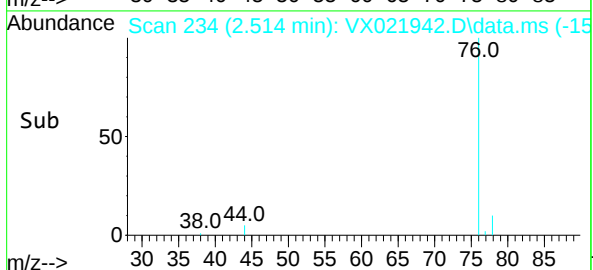
Tgt Ion: 58 Resp: 2414
Ion Ratio Lower Upper
58 100
43 287.8 249.5 374.3

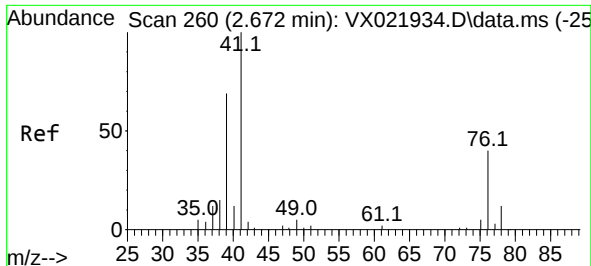


#16
Carbon Disulfide
Concen: 2.70 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01



Tgt Ion: 76 Resp: 8124
Ion Ratio Lower Upper
76 100
78 10.1 6.7 10.1#





#17

Allyl chloride

Concen: 2.48 ug/l

RT: 2.666 min Scan# 259

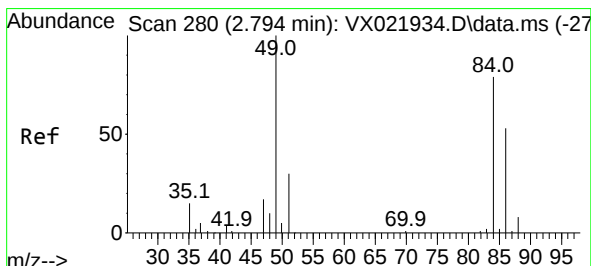
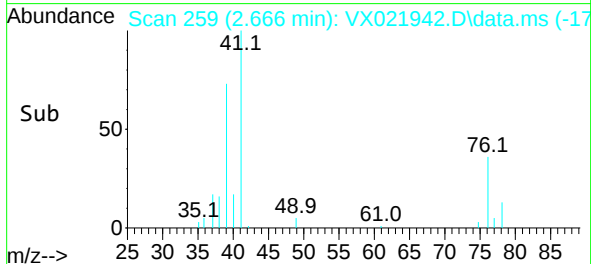
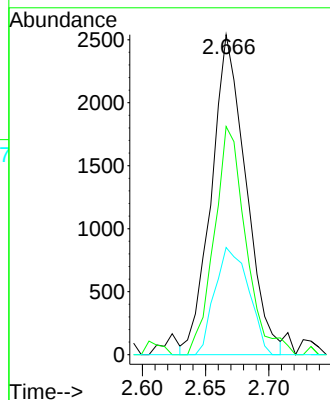
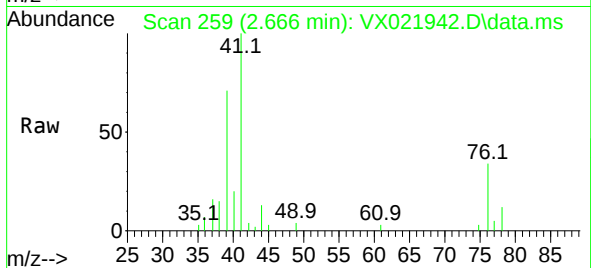
Delta R.T. -0.006 min

Lab File: VX021942.D

Acq: 12 May 2021 22:01

Tgt Ion:	41	Resp:	4814
Ion Ratio	Lower	Upper	
41	100		
39	73.3	34.5	103.5
76	34.4	19.8	59.3

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



#18

Methylene Chloride

Concen: 2.95 ug/l

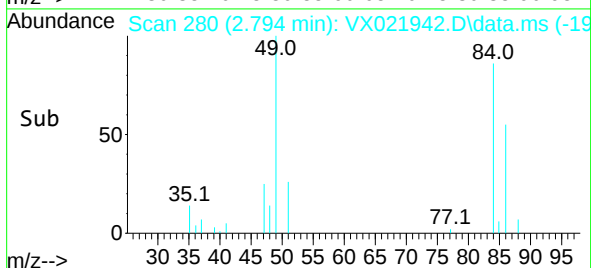
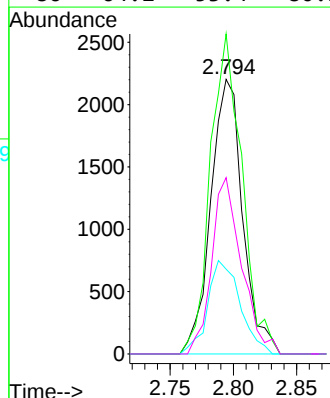
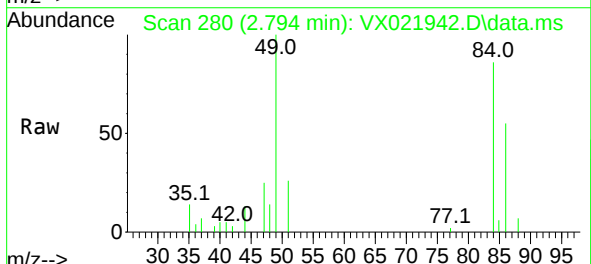
RT: 2.794 min Scan# 280

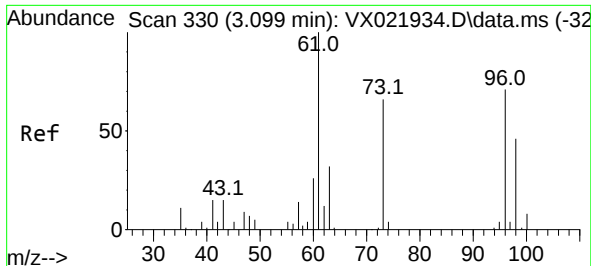
Delta R.T. 0.000 min

Lab File: VX021942.D

Acq: 12 May 2021 22:01

Tgt Ion:	84	Resp:	3862
Ion Ratio	Lower	Upper	
84	100		
49	116.5	101.6	152.4
51	30.9	30.5	45.7
86	64.2	53.4	80.2



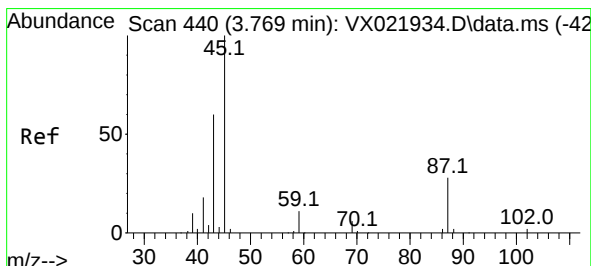
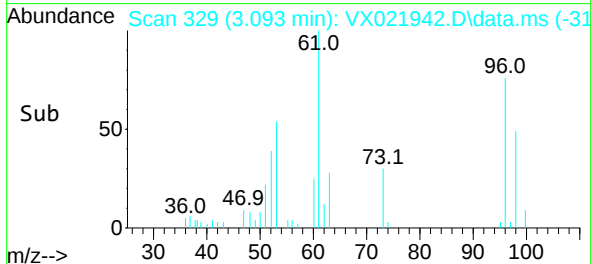
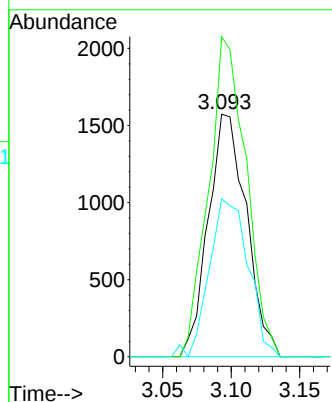
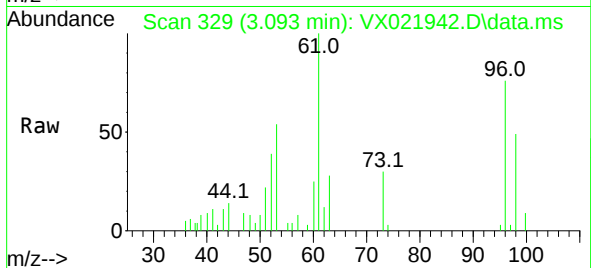


#19

trans-1,2-Dichloroethene
Concen: 2.54 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.006 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

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

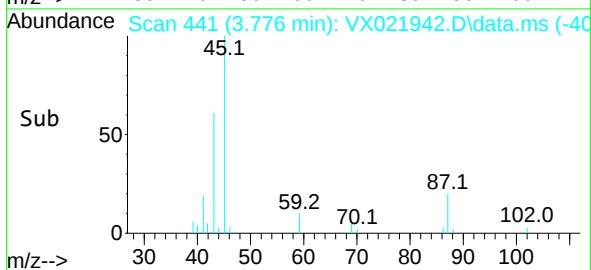
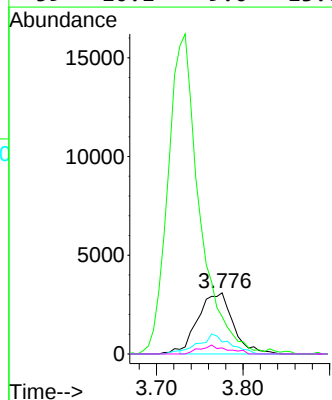
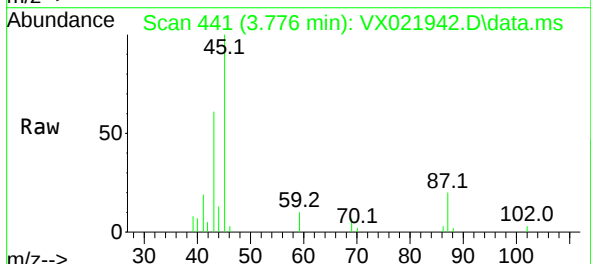
Tgt Ion: 96 Resp: 3046
Ion Ratio Lower Upper
96 100
61 132.0 113.0 169.4
98 65.2 51.7 77.5

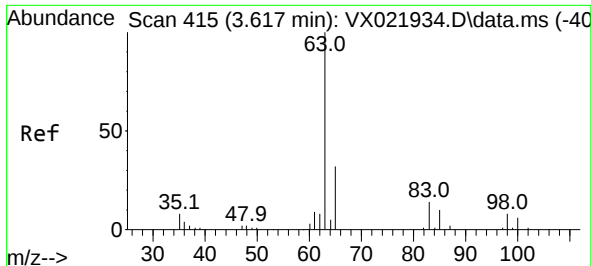


#20

Diisopropyl ether
Concen: 2.33 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.007 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

Tgt Ion: 45 Resp: 8529
Ion Ratio Lower Upper
45 100
43 58.1 58.5 87.7#
87 19.8 22.2 33.4#
59 10.1 9.0 13.6





#21

1,1-Dichloroethane

Concen: 2.36 ug/l

RT: 3.611 min Scan# 414

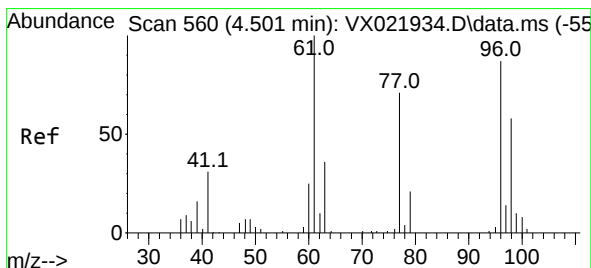
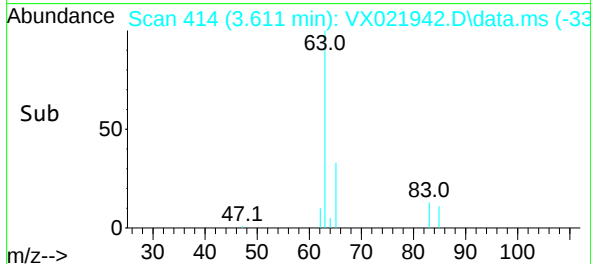
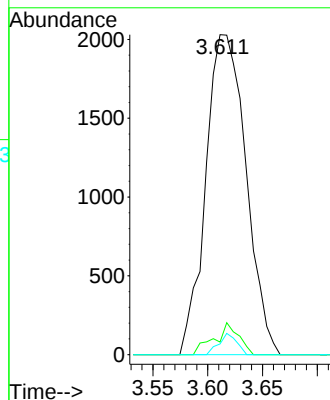
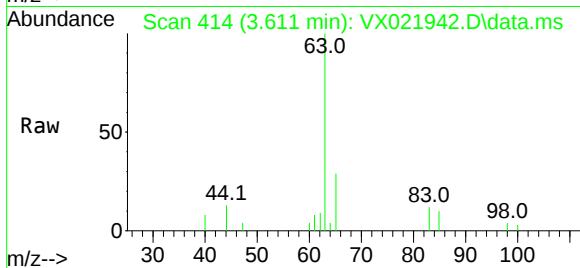
Delta R.T. -0.006 min

Lab File: VX021942.D

Acq: 12 May 2021 22:01

Tgt Ion: 63	Resp: 5182
Ion Ratio	Lower Upper
63 100	
98 3.9	3.8 11.4
100 3.3	2.9 8.6

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



#22

cis-1,2-Dichloroethene

Concen: 1.34 ug/l

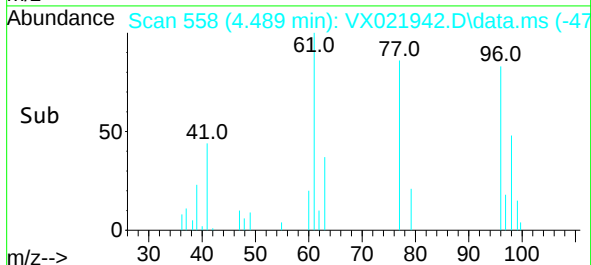
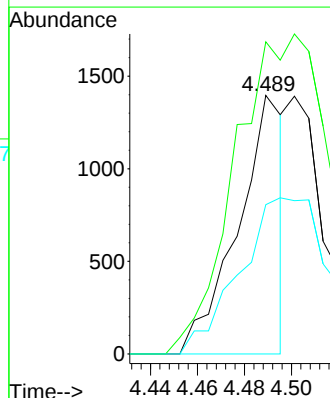
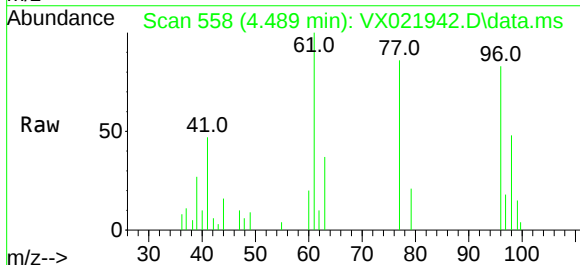
RT: 4.489 min Scan# 558

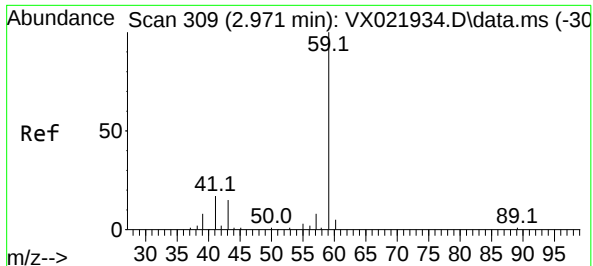
Delta R.T. -0.012 min

Lab File: VX021942.D

Acq: 12 May 2021 22:01

Tgt Ion: 96	Resp: 1889
Ion Ratio	Lower Upper
96 100	
61 136.4	114.0 171.0
98 77.3	53.0 79.6





#23

tert-Butyl Alcohol

Concen: 13.18 ug/l

RT: 2.971 min Scan# 309

Delta R.T. 0.000 min

Lab File: VX021942.D

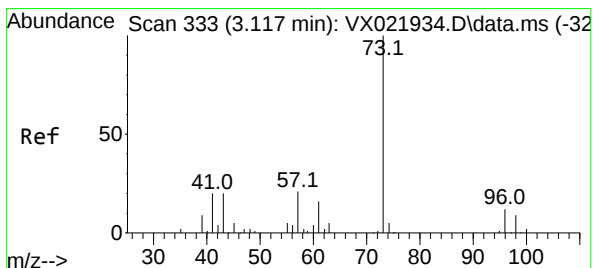
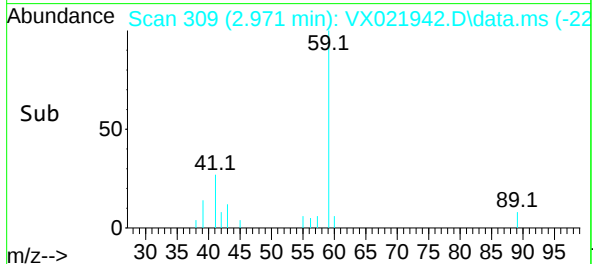
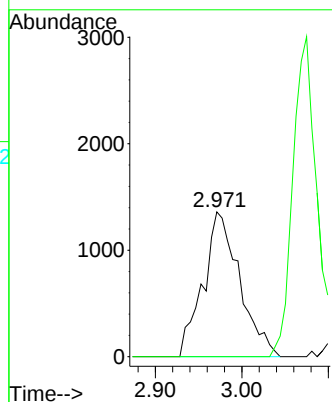
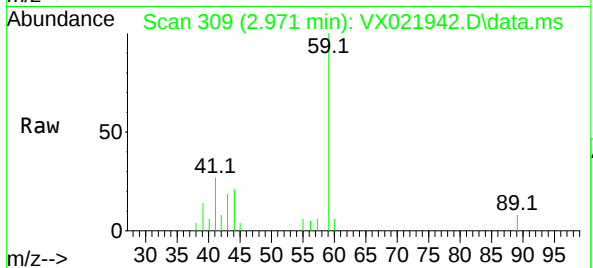
Acq: 12 May 2021 22:01

Tgt Ion: 59 Resp: 3982

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 2.29 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX021942.D

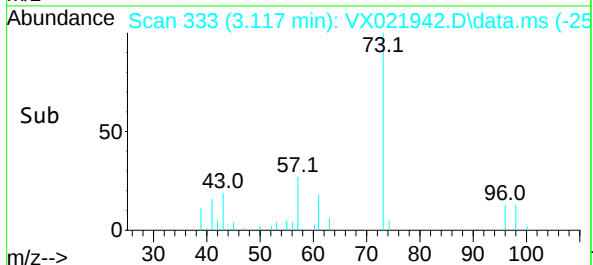
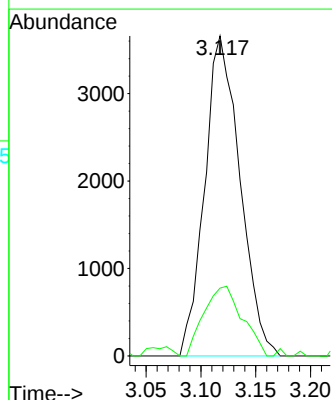
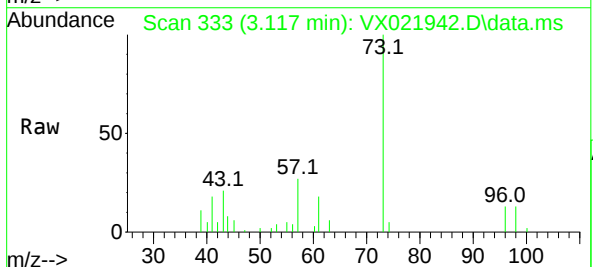
Acq: 12 May 2021 22:01

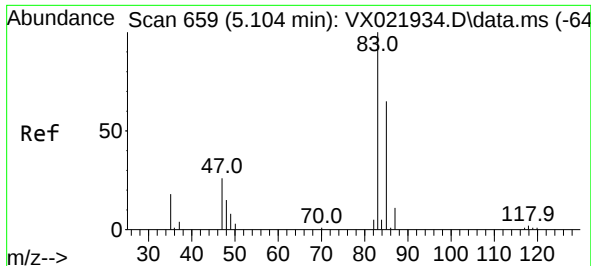
Tgt Ion: 73 Resp: 8207

Ion Ratio Lower Upper

73 100

43 23.7 16.3 24.5





#25

Chloroform

Concen: 1.52 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.001 min

Lab File: VX021942.D

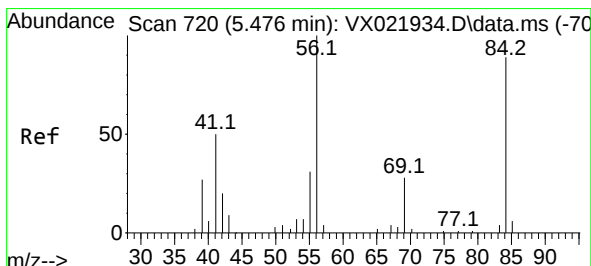
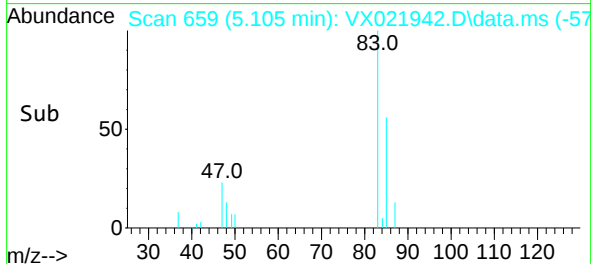
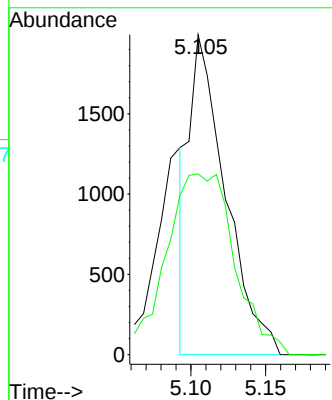
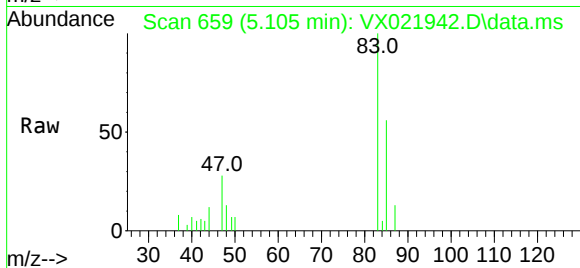
Acq: 12 May 2021 22:01

Tgt Ion: 83 Resp: 3372

Ion Ratio Lower Upper

83 100

85 52.5 51.9 77.9



#26

Cyclohexane

Concen: 2.37 ug/l

RT: 5.477 min Scan# 720

Delta R.T. 0.000 min

Lab File: VX021942.D

Acq: 12 May 2021 22:01

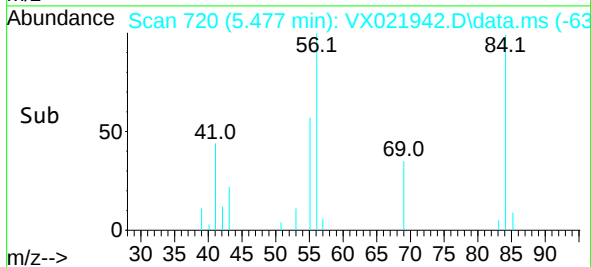
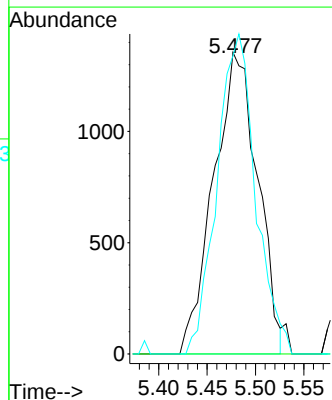
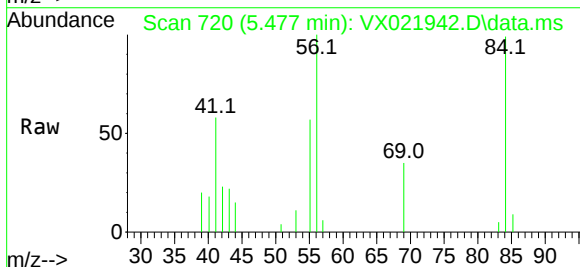
Tgt Ion: 56 Resp: 4294

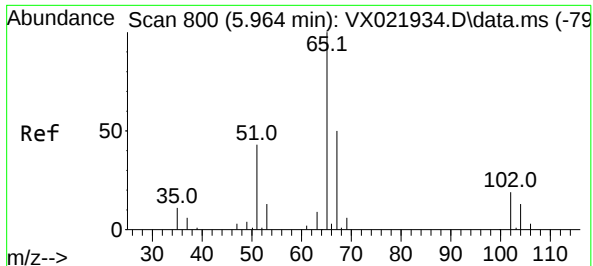
Ion Ratio Lower Upper

56 100

89 0.0 0.4 0.6#

84 92.8 71.8 107.6





#27

1,2-Dichloroethane-d4

Concen: 29.89 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX021942.D

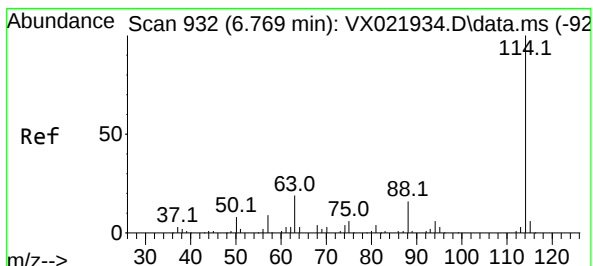
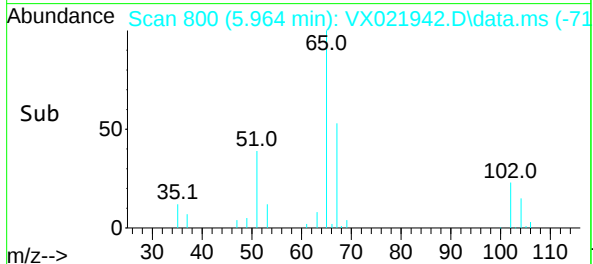
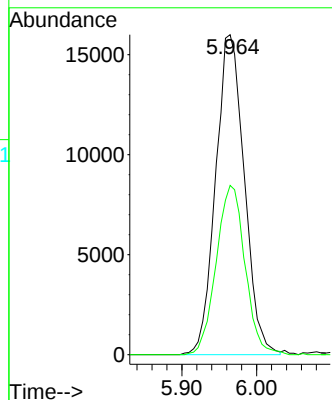
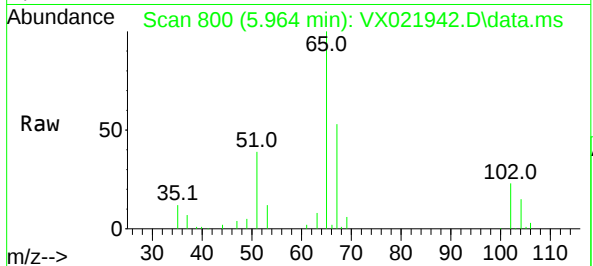
Acq: 12 May 2021 22:01

Tgt Ion: 65 Resp: 42664

Ion Ratio Lower Upper

65 100

67 53.1 41.5 62.3



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX021942.D

Acq: 12 May 2021 22:01

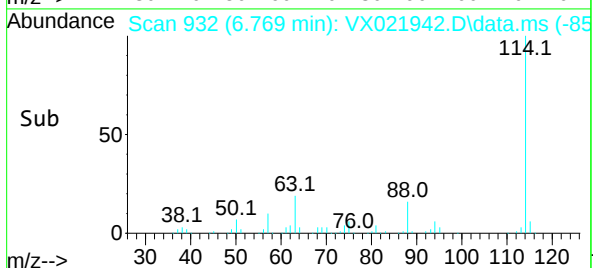
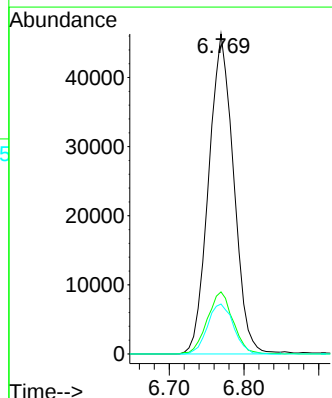
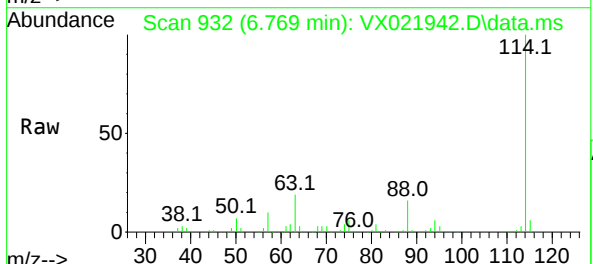
Tgt Ion: 114 Resp: 107615

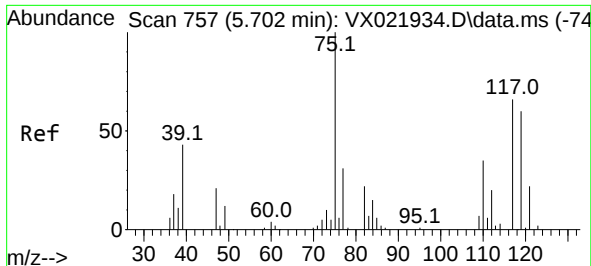
Ion Ratio Lower Upper

114 100

63 19.9 16.6 25.0

88 16.2 13.1 19.7





#29

1,1-Dichloropropene

Concen: 2.52 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.006 min

Lab File: VX021942.D

Acq: 12 May 2021 22:01

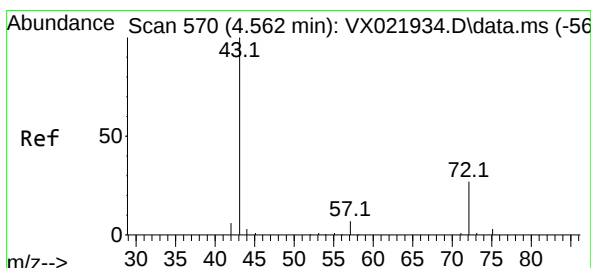
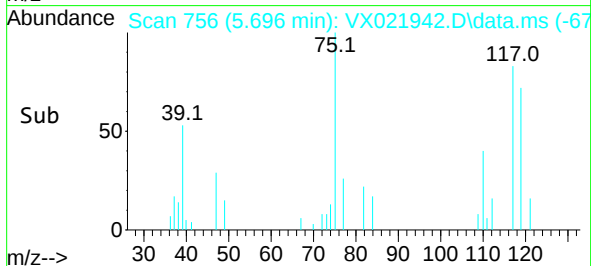
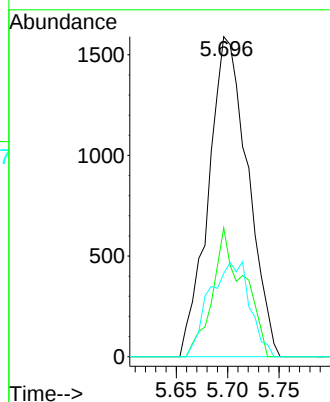
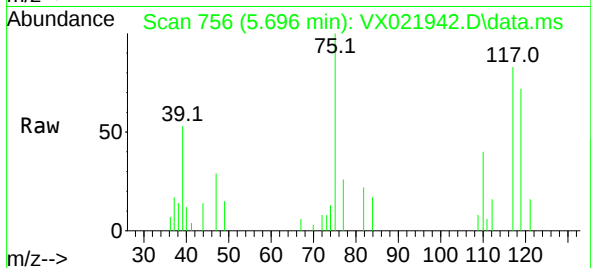
Tgt Ion: 75 Resp: 4236

Ion Ratio Lower Upper

75 100

110 21.8 0.0 71.4

77 21.4 0.0 63.6



#30

2-Butanone

Concen: 12.47 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.006 min

Lab File: VX021942.D

Acq: 12 May 2021 22:01

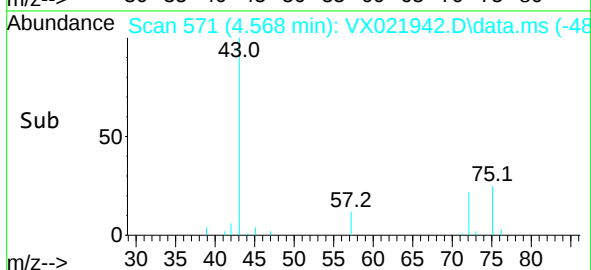
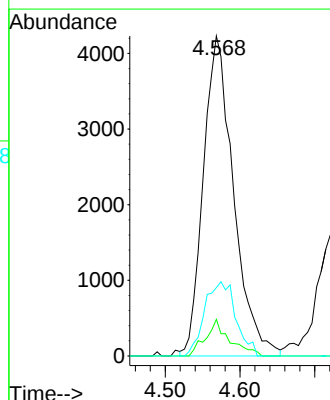
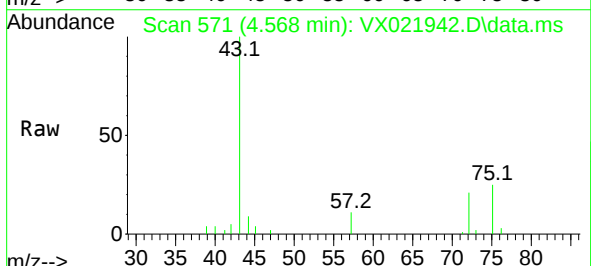
Tgt Ion: 43 Resp: 11887

Ion Ratio Lower Upper

43 100

57 7.6 6.4 9.6

72 16.5 22.1 33.1#

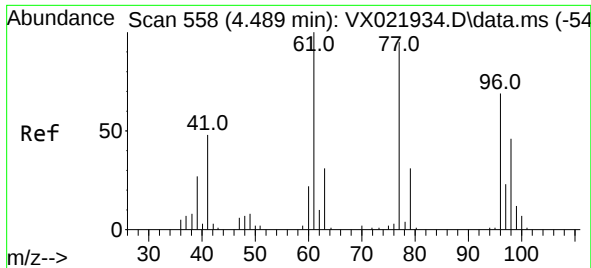


Instrument :

MSVOA_X

ClientSampleId :

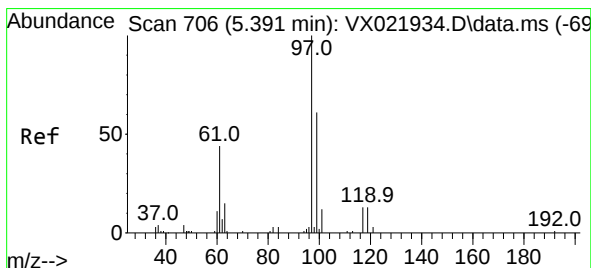
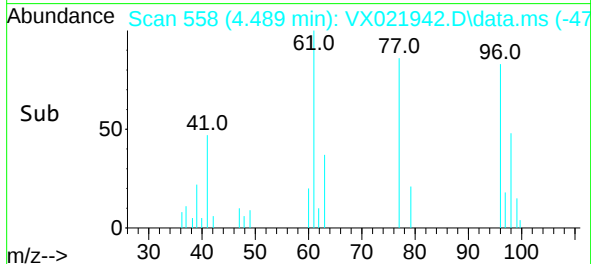
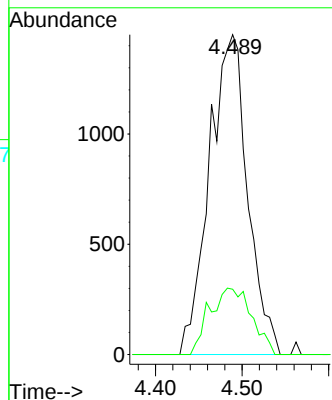
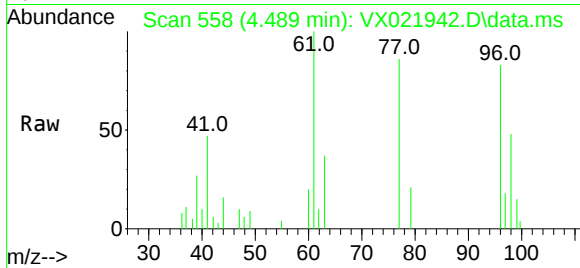
MDL-WATER-03-QT2-2021



#31
2,2-Dichloropropane
Concen: 2.25 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

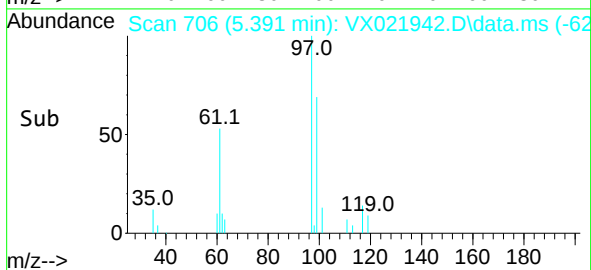
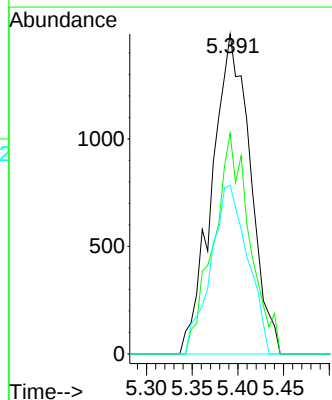
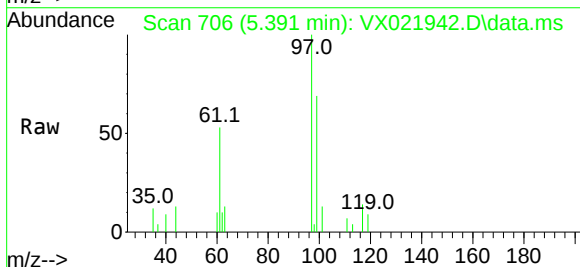
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2021

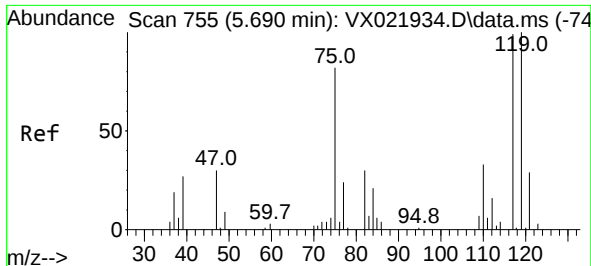
Tgt Ion: 77 Resp: 4459
Ion Ratio Lower Upper
77 100
97 4.6 18.1 27.1#



#32
1,1,1-Trichloroethane
Concen: 2.18 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

Tgt Ion: 97 Resp: 4339
Ion Ratio Lower Upper
97 100
99 63.4 51.9 77.9
61 50.7 36.3 54.5

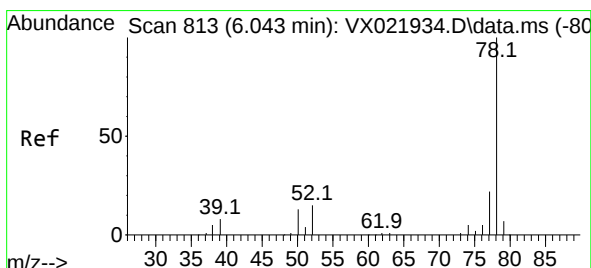
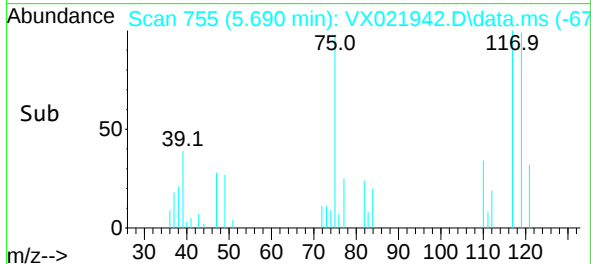
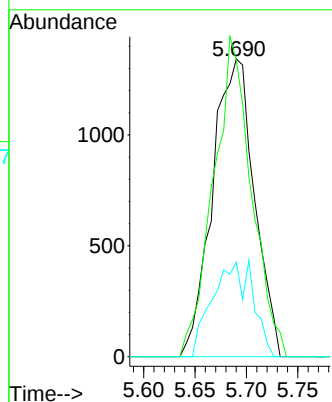
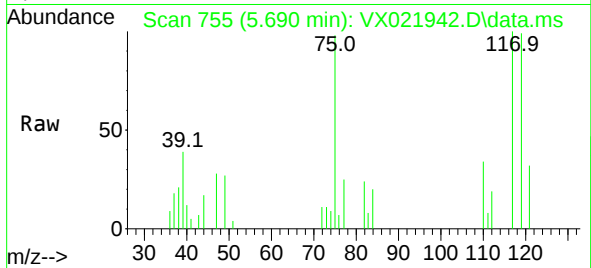




#33
Carbon Tetrachloride
Concen: 2.26 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

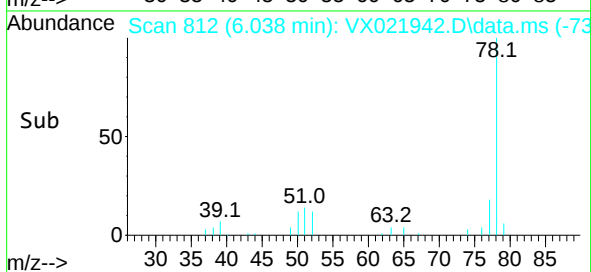
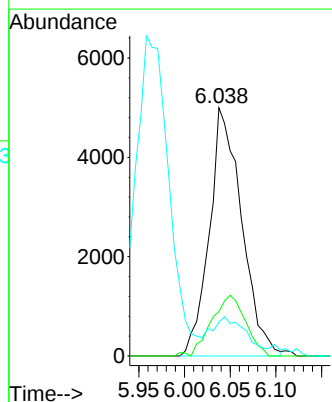
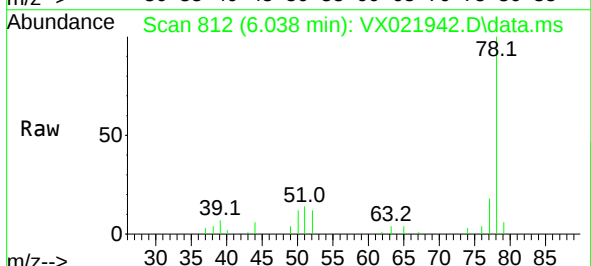
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2021

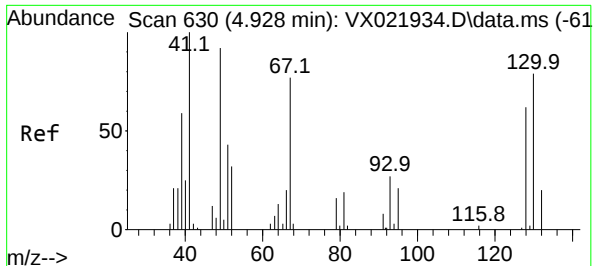
Tgt Ion:117 Resp: 3804
Ion Ratio Lower Upper
117 100
119 99.5 80.8 121.2
121 31.8 23.8 35.8



#34
Benzene
Concen: 2.39 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

Tgt Ion: 78 Resp: 12261
Ion Ratio Lower Upper
78 100
77 17.9 17.8 26.8
51 11.1 10.6 15.8





#35

Methacrylonitrile

Concen: 2.45 ug/l

RT: 4.940 min Scan# 632

Delta R.T. 0.013 min

Lab File: VX021942.D

Acq: 12 May 2021 22:01

Tgt Ion: 41 Resp: 2505

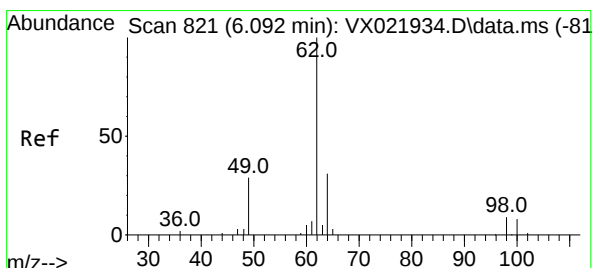
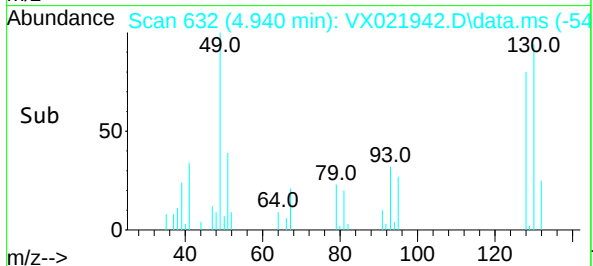
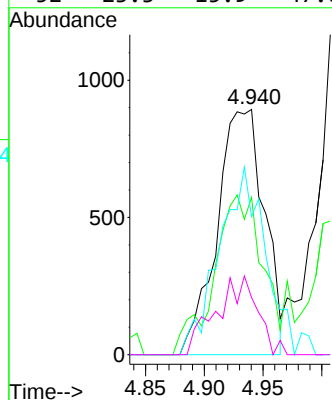
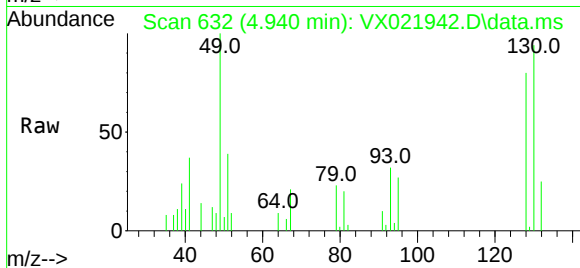
Ion Ratio Lower Upper

41 100

39 55.8 29.3 87.8

67 56.4 38.3 114.9

52 23.3 15.9 47.6



#36

1,2-Dichloroethane

Concen: 1.18 ug/l

RT: 6.086 min Scan# 820

Delta R.T. -0.006 min

Lab File: VX021942.D

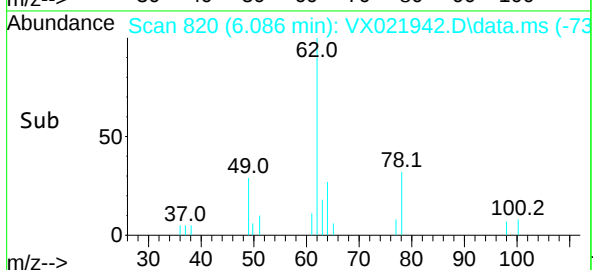
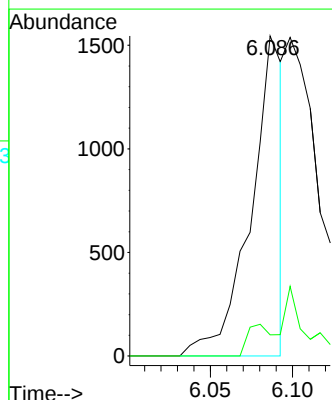
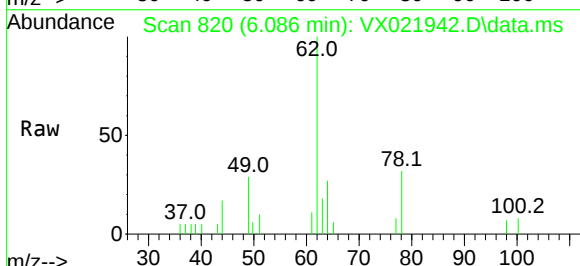
Acq: 12 May 2021 22:01

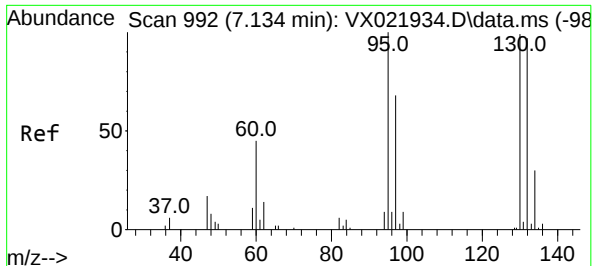
Tgt Ion: 62 Resp: 2077

Ion Ratio Lower Upper

62 100

98 6.9 4.6 7.0





#37

Trichloroethene

Concen: 2.36 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.000 min

Lab File: VX021942.D

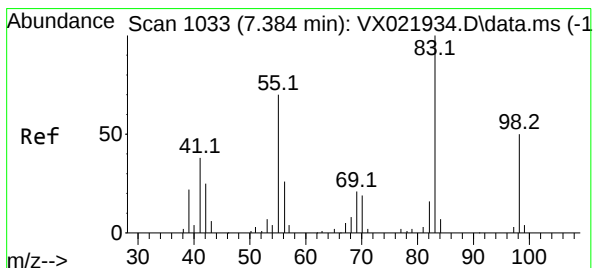
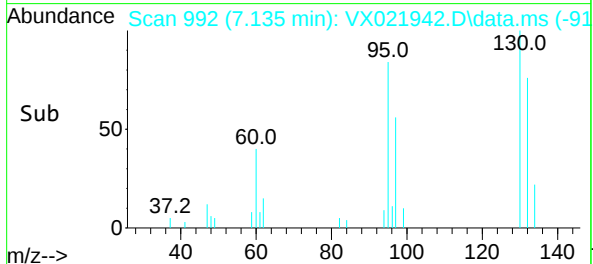
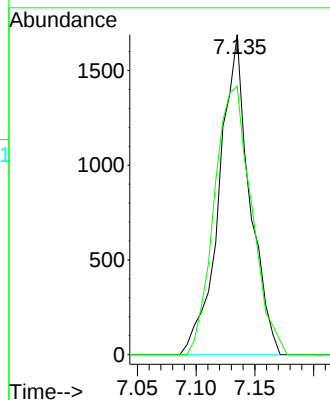
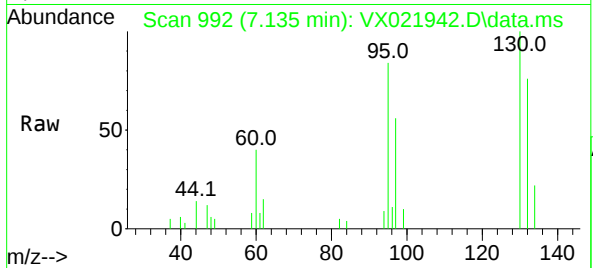
Acq: 12 May 2021 22:01

Tgt Ion: 130 Resp: 3054

Ion Ratio Lower Upper

130 100

95 84.0 81.1 121.7



#38

Methylcyclohexane

Concen: 2.38 ug/l

RT: 7.391 min Scan# 1034

Delta R.T. 0.007 min

Lab File: VX021942.D

Acq: 12 May 2021 22:01

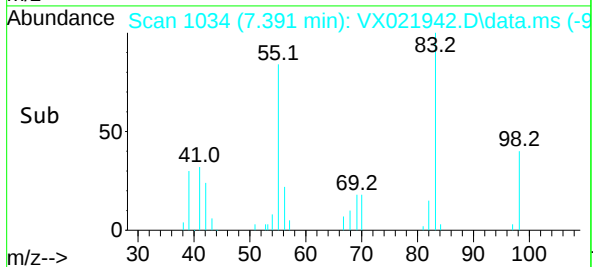
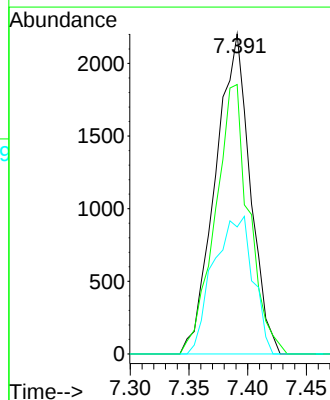
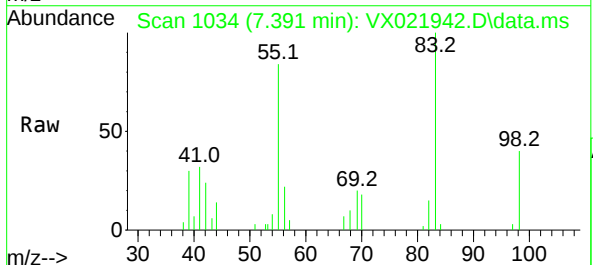
Tgt Ion: 83 Resp: 4544

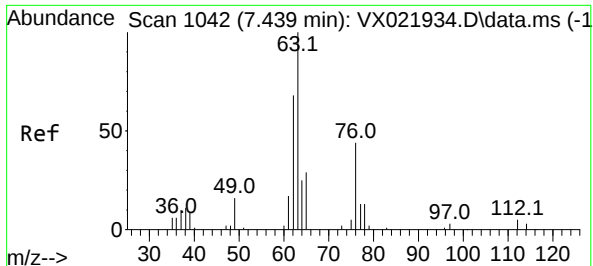
Ion Ratio Lower Upper

83 100

55 82.0 36.4 109.2

98 48.8 25.3 75.9





#39

1,2-Dichloropropane

Concen: 2.37 ug/l

RT: 7.446 min Scan# 1043

Delta R.T. 0.007 min

Lab File: VX021942.D

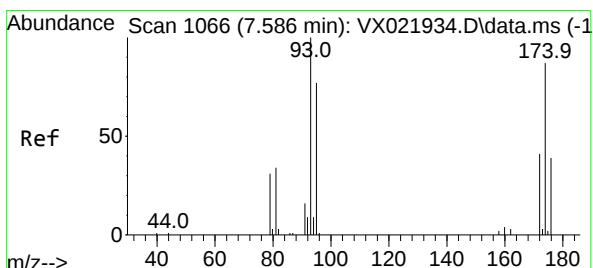
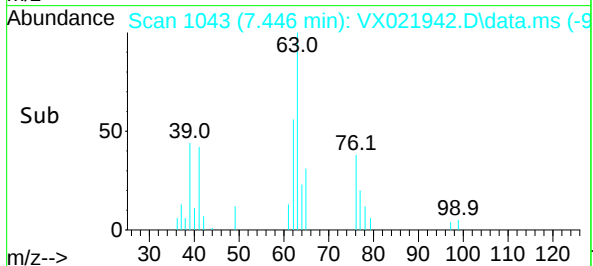
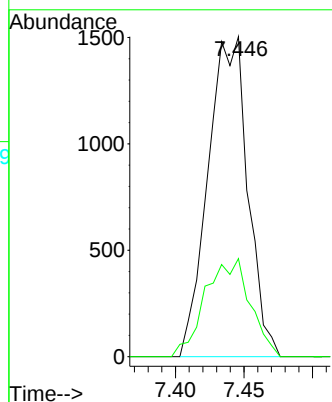
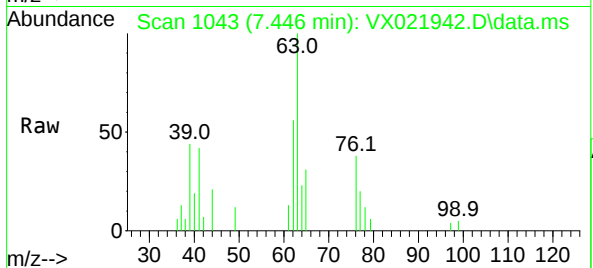
Acq: 12 May 2021 22:01

Tgt Ion: 63 Resp: 3036

Ion Ratio Lower Upper

63 100

65 30.7 25.2 37.8



#40

Dibromomethane

Concen: 2.42 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX021942.D

Acq: 12 May 2021 22:01

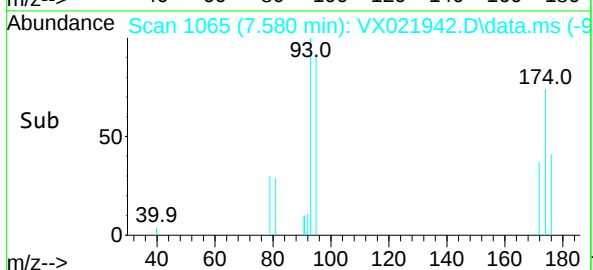
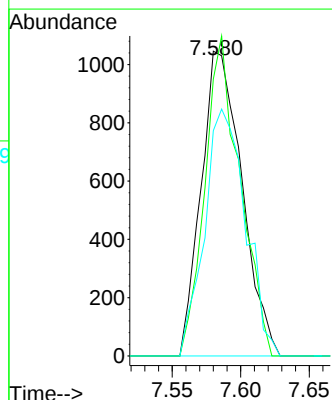
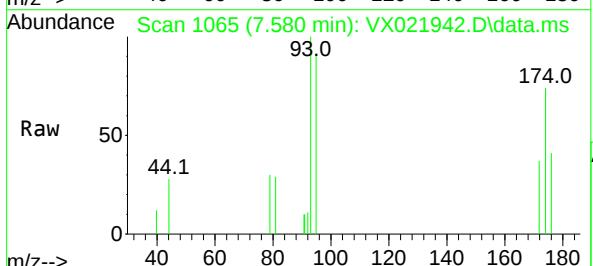
Tgt Ion: 93 Resp: 2161

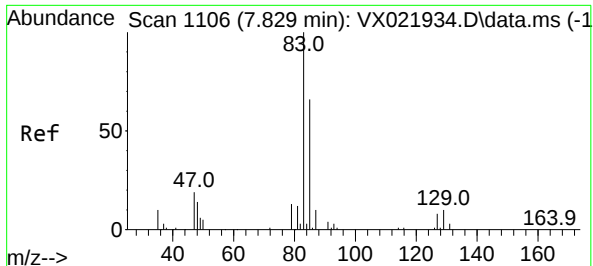
Ion Ratio Lower Upper

93 100

95 90.6 0.0 166.0

174 81.4 0.0 170.4

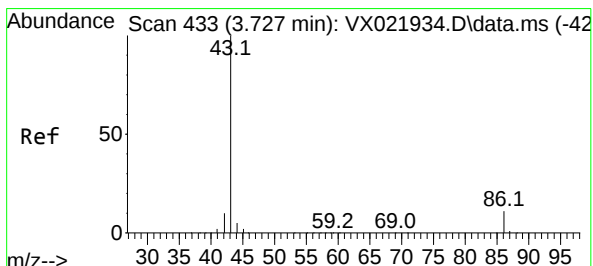
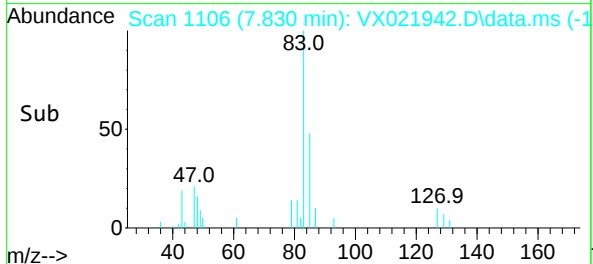
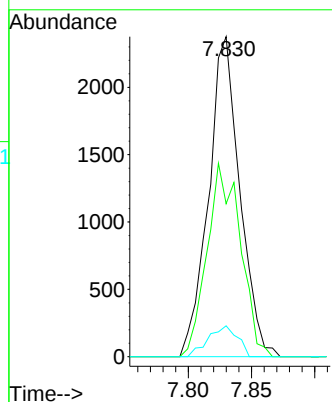
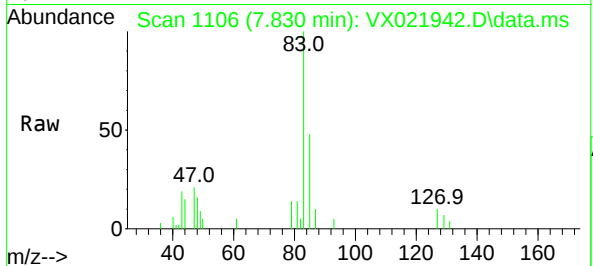




#41
Bromodichloromethane
Concen: 2.29 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

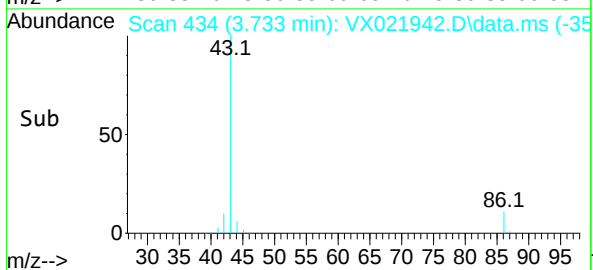
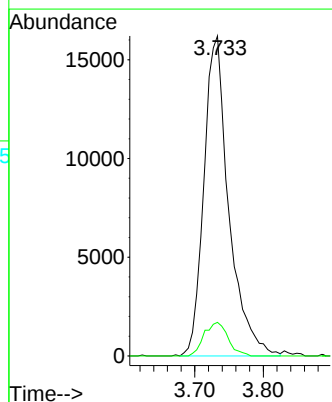
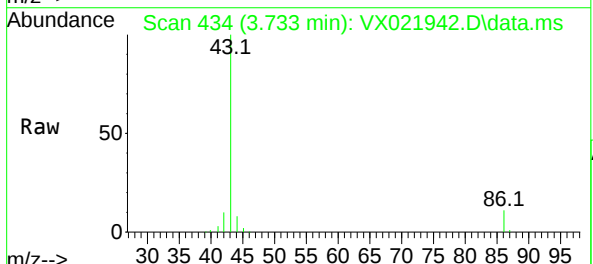
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2021

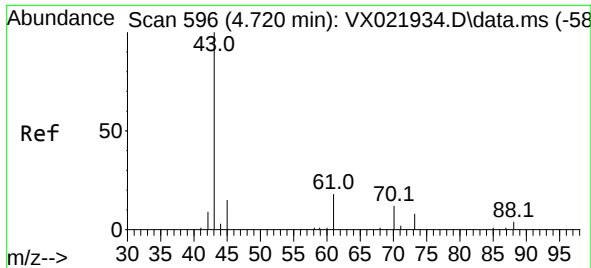
Tgt Ion: 83 Resp: 4086
Ion Ratio Lower Upper
83 100
85 47.8 52.6 78.8#
127 9.6 6.1 9.1#



#42
Vinyl Acetate
Concen: 11.51 ug/l
RT: 3.733 min Scan# 434
Delta R.T. 0.006 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

Tgt Ion: 43 Resp: 40969
Ion Ratio Lower Upper
43 100
86 10.1 8.2 12.4

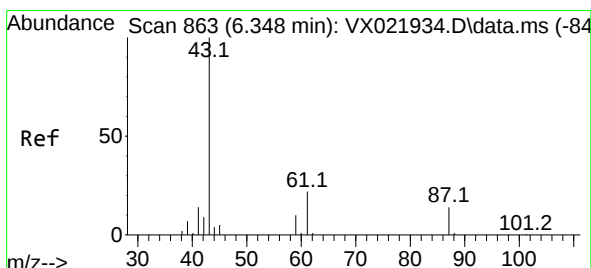
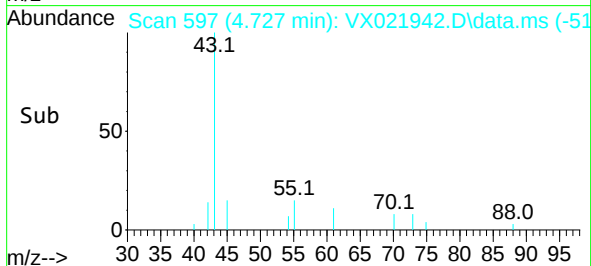
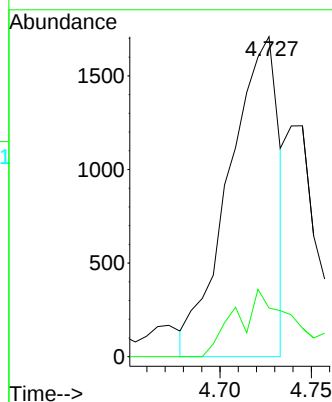
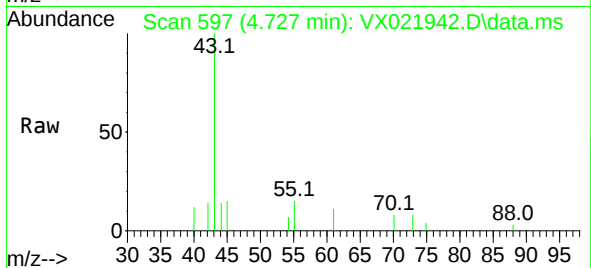




#43
Ethyl Acetate
Concen: 1.67 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.007 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

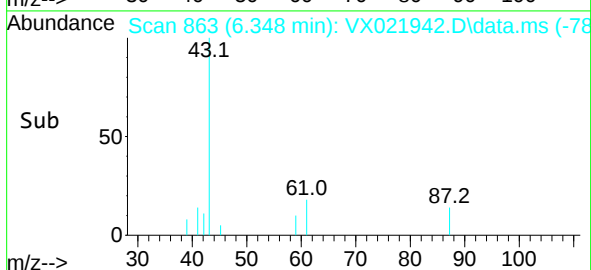
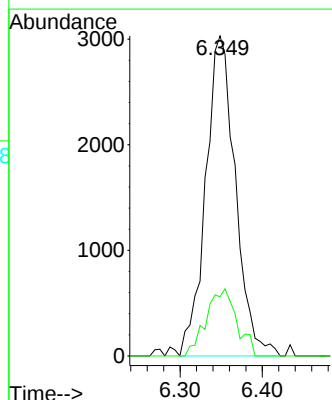
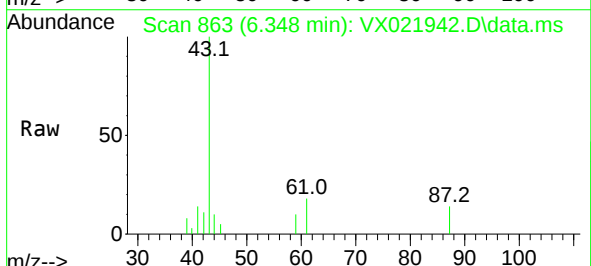
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2021

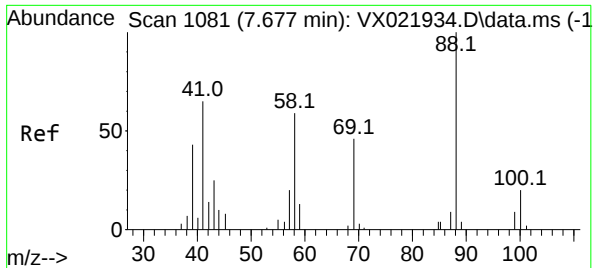
Tgt Ion: 43 Resp: 3241
Ion Ratio Lower Upper
43 100
45 10.4 11.2 16.8#



#44
Isopropyl Acetate
Concen: 2.38 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

Tgt Ion: 43 Resp: 7620
Ion Ratio Lower Upper
43 100
61 19.6 17.0 25.4

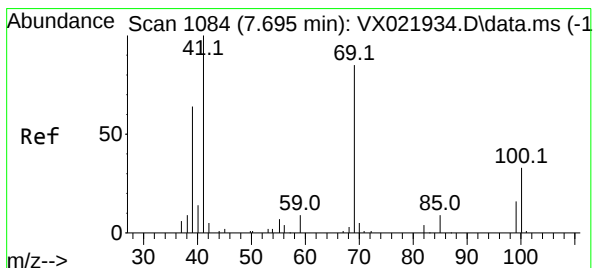
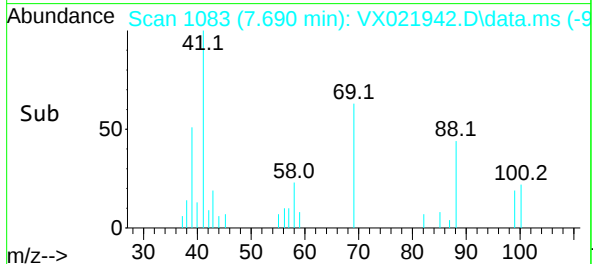
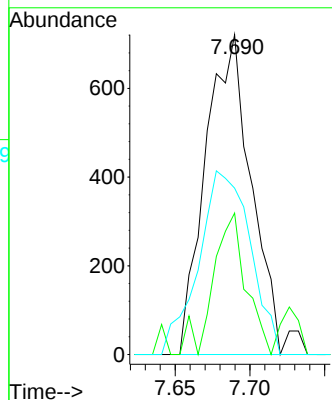
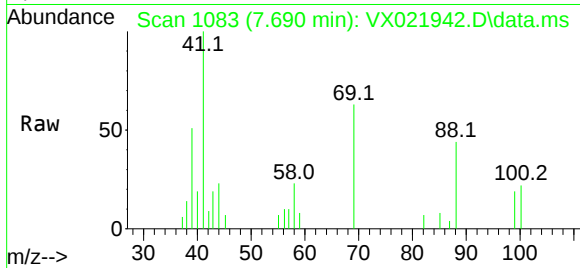




#45
1,4-Dioxane
Concen: 53.46 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.013 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

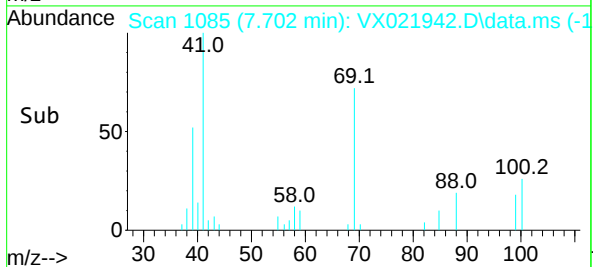
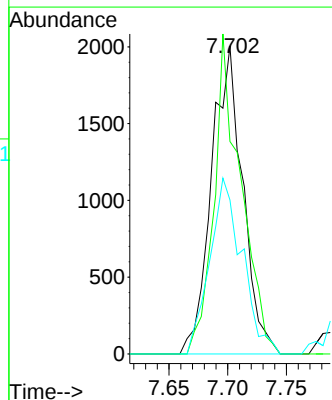
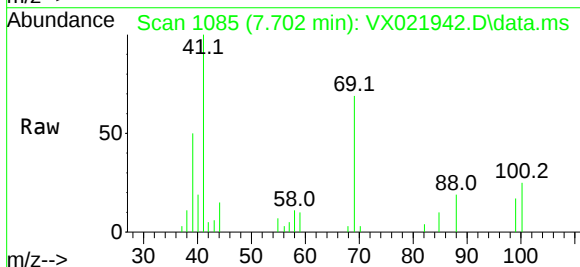
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2021

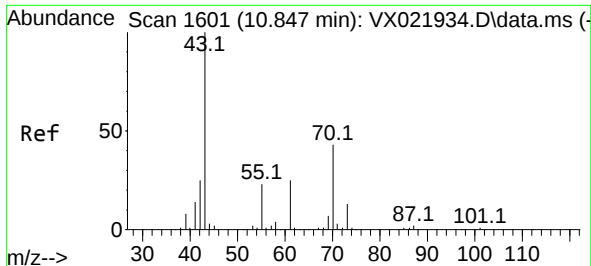
Tgt Ion:	88	Resp:	1525
Ion Ratio	Lower	Upper	
88	100		
43	29.8	0.0	0.0#
58	65.2	0.0	0.0#



#46
Methyl methacrylate
Concen: 2.50 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.007 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

Tgt Ion:	41	Resp:	3710
Ion Ratio	Lower	Upper	
41	100		
69	69.0	42.7	128.1
39	50.0	32.1	96.3

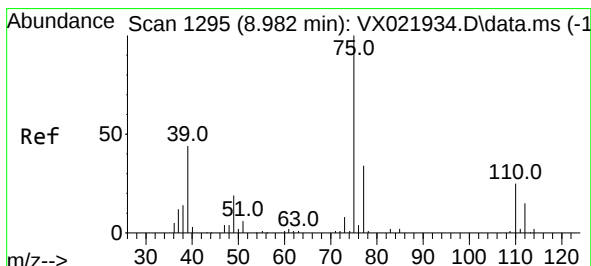
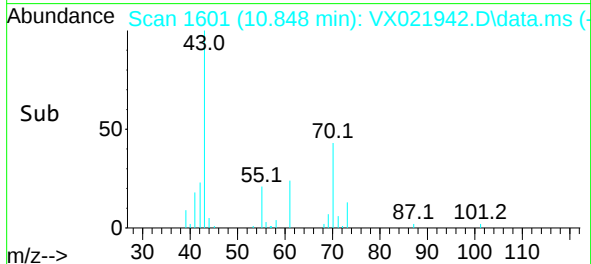
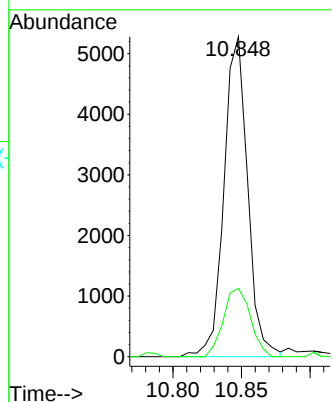
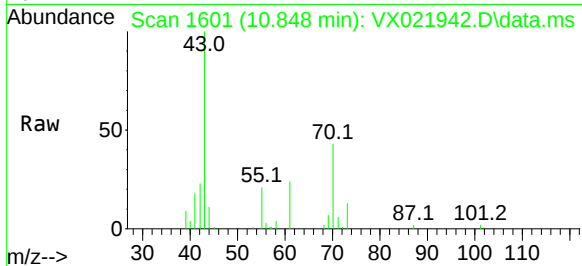




#47
n-amyl Acetate
Concen: 2.39 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

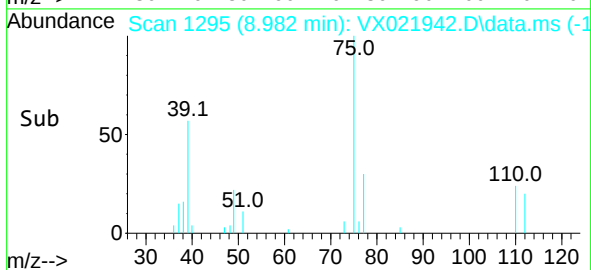
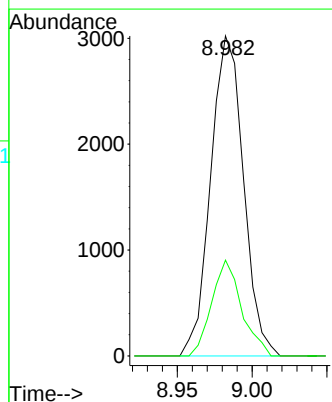
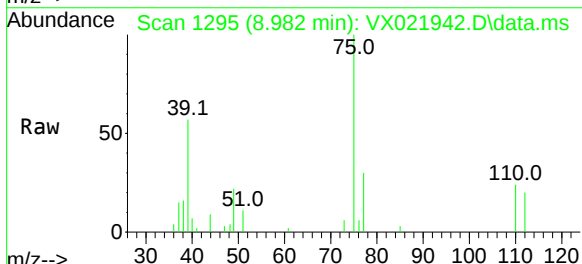
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2021

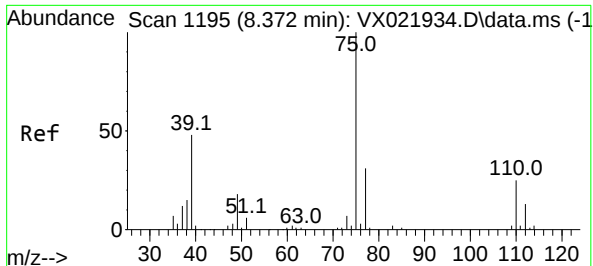
Tgt Ion: 43 Resp: 6353
Ion Ratio Lower Upper
43 100
55 24.3 18.9 28.3



#48
t-1,3-Dichloropropene
Concen: 2.30 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

Tgt Ion: 75 Resp: 4609
Ion Ratio Lower Upper
75 100
77 29.9 26.8 40.2

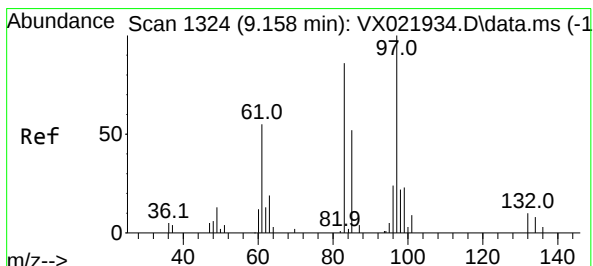
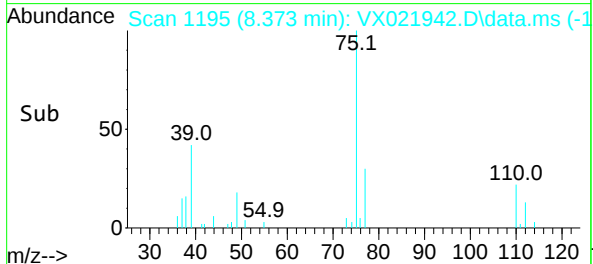
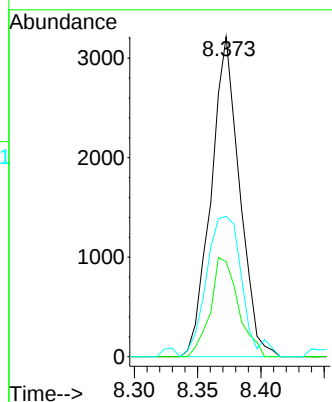
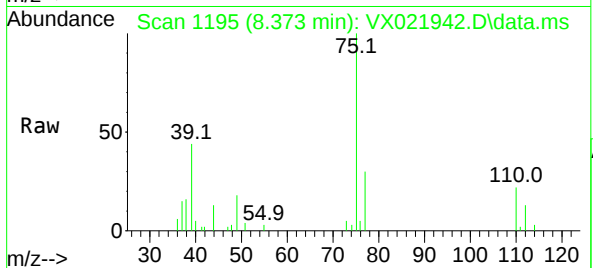




#49
 cis-1,3-Dichloropropene
 Concen: 2.35 ug/l
 RT: 8.373 min Scan# 1195
 Delta R.T. 0.000 min
 Lab File: VX021942.D
 Acq: 12 May 2021 22:01

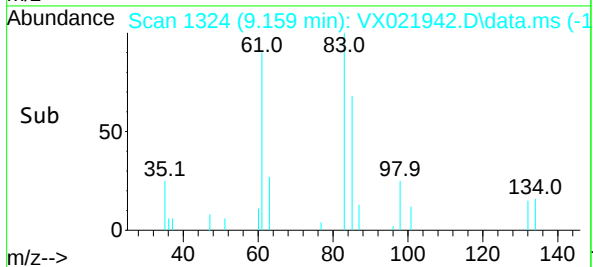
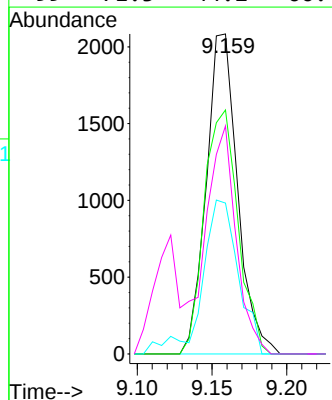
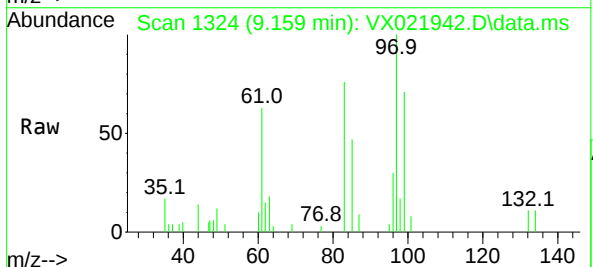
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2021

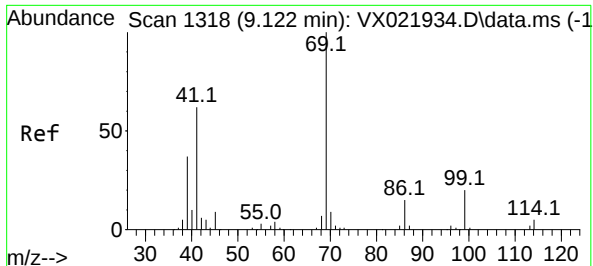
Tgt Ion:	75	Resp:	5042
Ion	Ratio	Lower	Upper
75	100		
77	29.7	24.9	37.3
39	43.9	38.6	57.8



#50
 1,1,2-Trichloroethane
 Concen: 2.39 ug/l
 RT: 9.159 min Scan# 1324
 Delta R.T. 0.001 min
 Lab File: VX021942.D
 Acq: 12 May 2021 22:01

Tgt Ion:	97	Resp:	3041
Ion	Ratio	Lower	Upper
97	100		
83	76.2	68.2	102.4
85	47.1	44.4	66.6
99	71.3	44.2	66.4

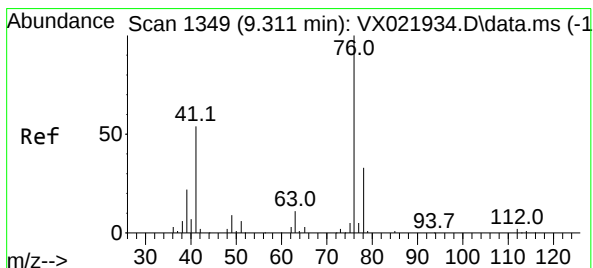
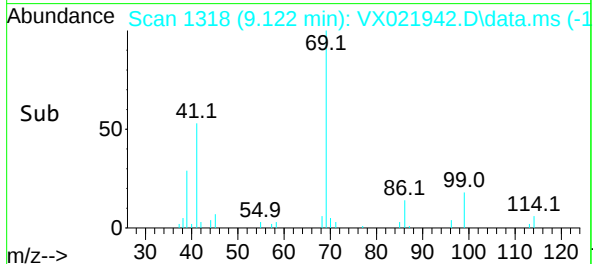
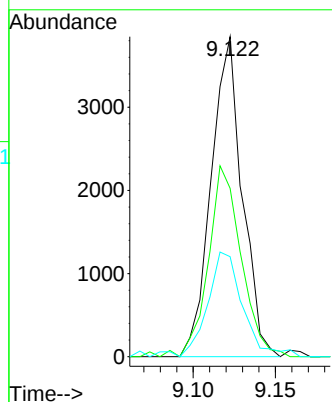
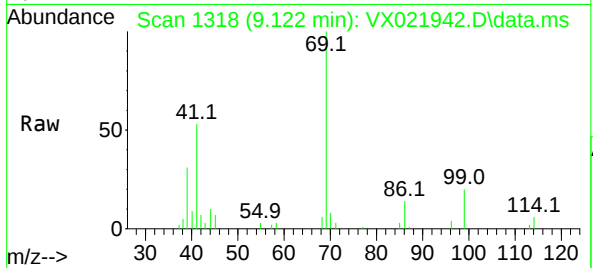




#51
Ethyl methacrylate
Concen: 2.47 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

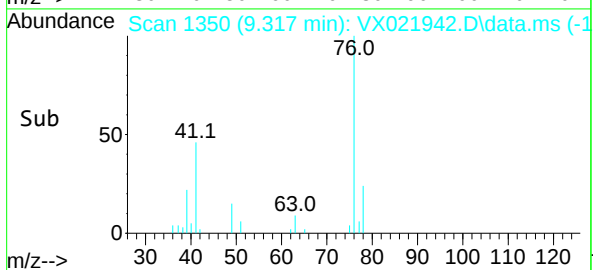
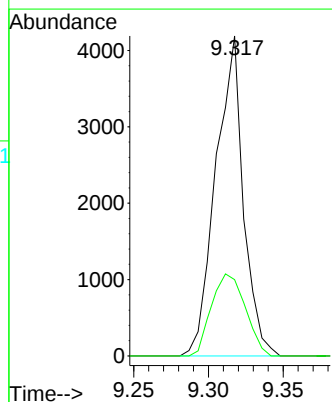
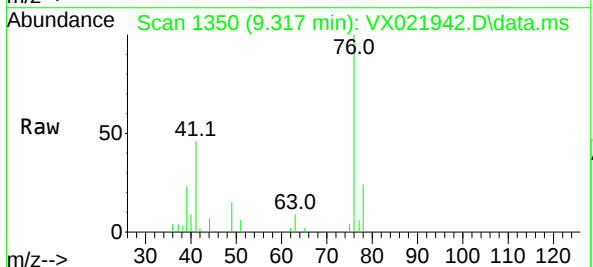
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2021

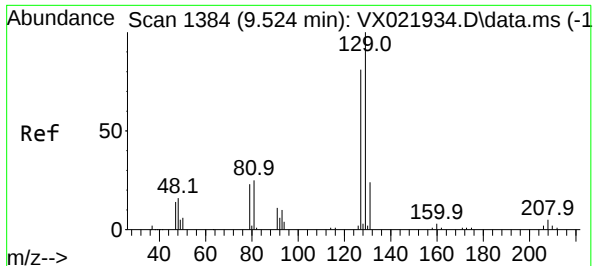
Tgt Ion:	69	Resp:	5055
Ion	Ratio	Lower	Upper
69	100		
41	52.6	31.1	93.5
39	31.3	18.3	54.9



#52
1,3-Dichloropropane
Concen: 2.42 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.007 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

Tgt Ion:	76	Resp:	5370
Ion	Ratio	Lower	Upper
76	100		
78	31.6	0.0	64.2





#53

Dibromochloromethane

Concen: 2.24 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX021942.D

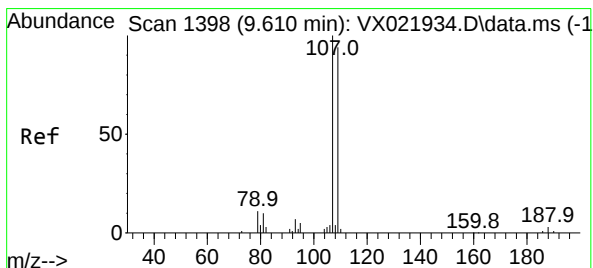
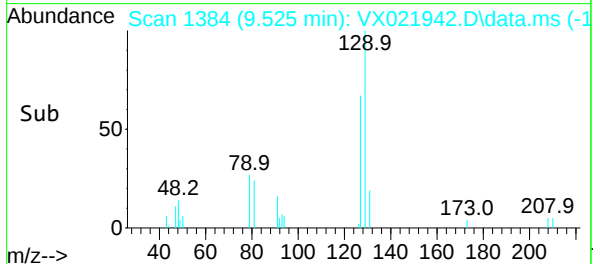
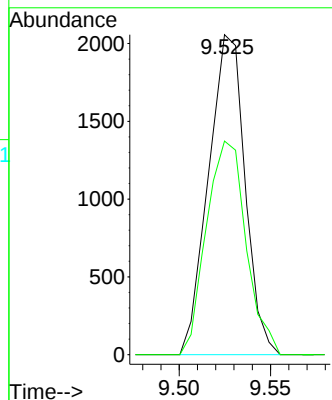
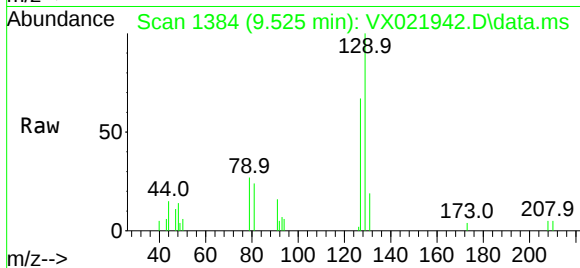
Acq: 12 May 2021 22:01

Tgt Ion:129 Resp: 2859

Ion Ratio Lower Upper

129 100

127 72.5 39.0 116.9



#54

1,2-Dibromoethane

Concen: 2.32 ug/l

RT: 9.616 min Scan# 1399

Delta R.T. 0.007 min

Lab File: VX021942.D

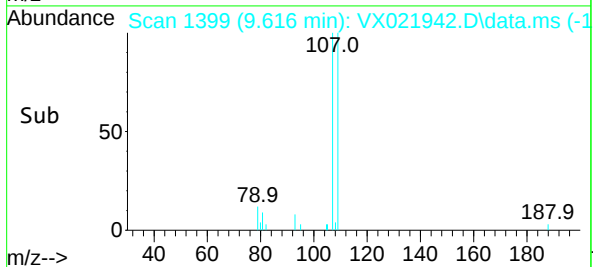
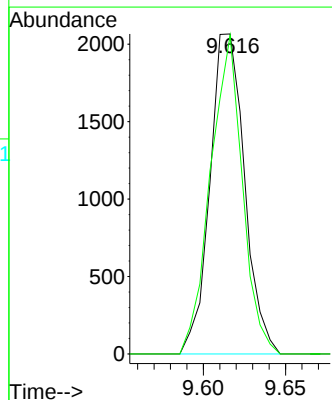
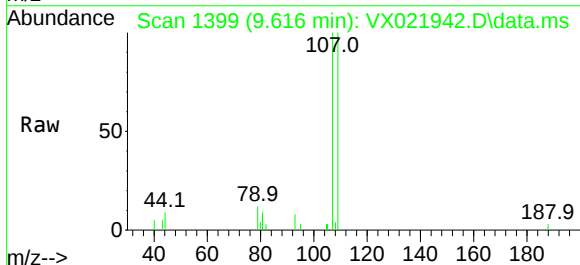
Acq: 12 May 2021 22:01

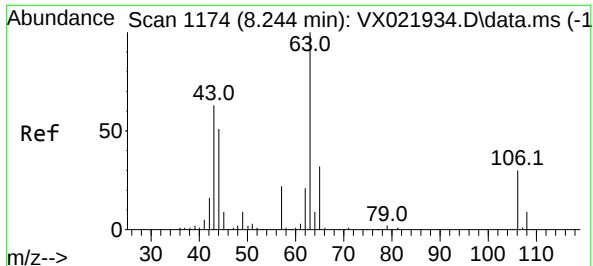
Tgt Ion:107 Resp: 3027

Ion Ratio Lower Upper

107 100

109 91.5 74.4 111.6

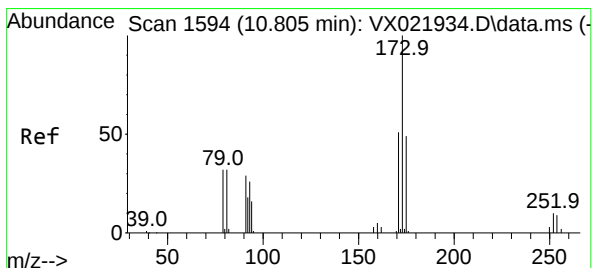
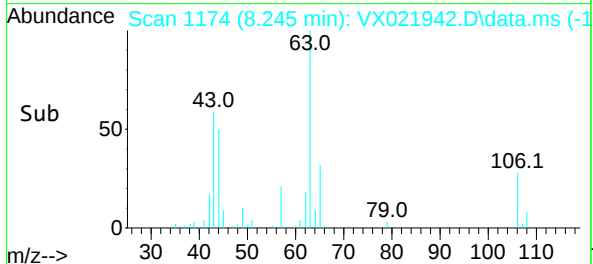
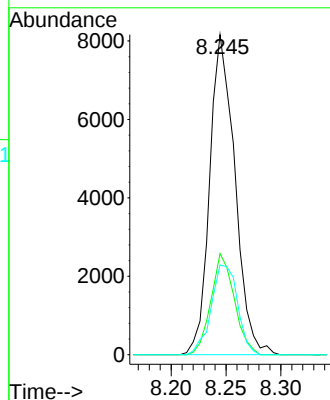
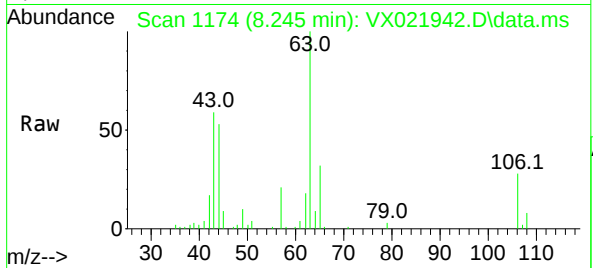




#55
2-Chloroethyl vinyl ether
Concen: 12.06 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.001 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

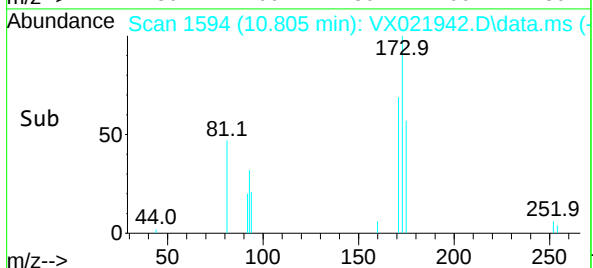
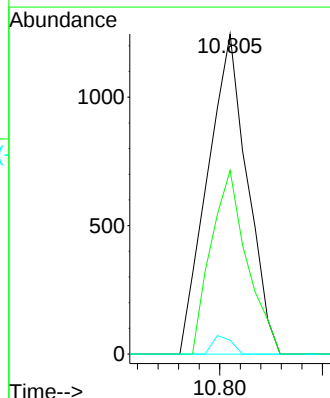
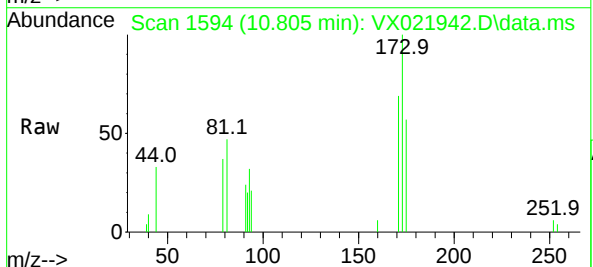
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2021

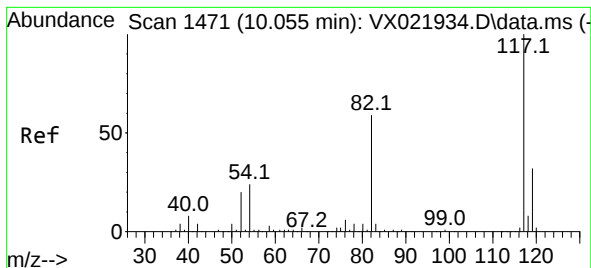
Tgt Ion:	63	Resp:	13045
Ion	Ratio	Lower	Upper
63	100		
65	29.4	25.6	38.4
106	29.3	23.2	34.8



#56
Bromoform
Concen: 2.06 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

Tgt Ion:	173	Resp:	1671
Ion	Ratio	Lower	Upper
173	100		
175	52.1	39.4	59.2
254	2.8	8.0	12.0#

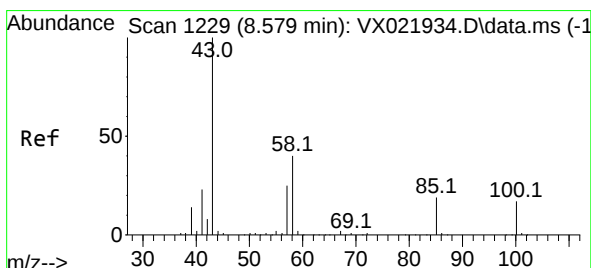
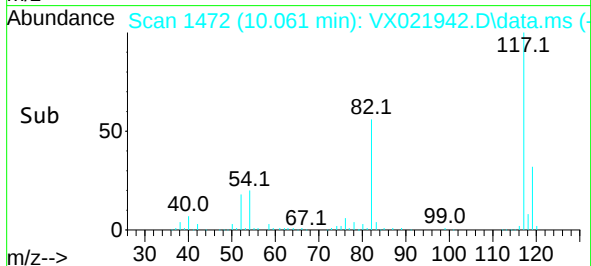
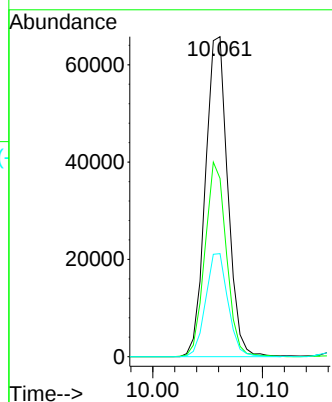
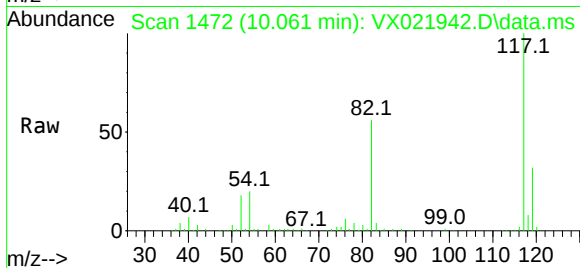




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

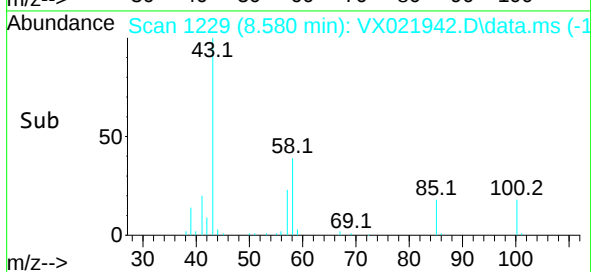
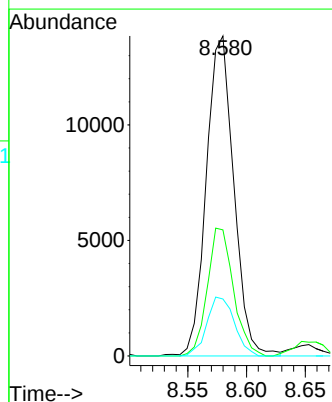
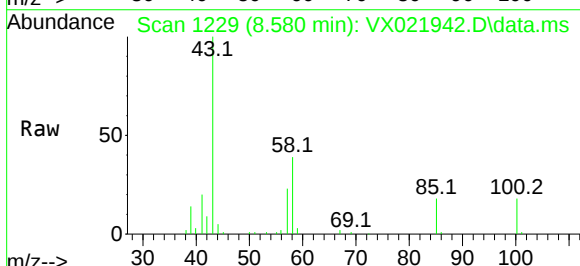
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2021

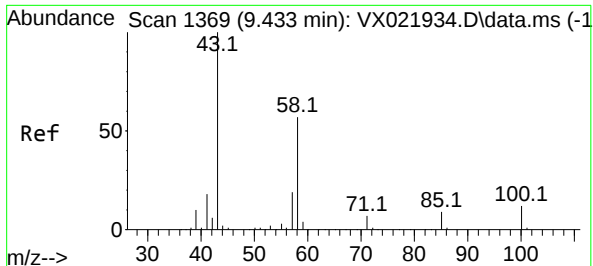
Tgt Ion:117 Resp: 93160
Ion Ratio Lower Upper
117 100
82 58.3 44.9 67.3
119 32.3 25.0 37.6



#58
4-Methyl-2-Pentanone
Concen: 11.97 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.001 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

Tgt Ion: 43 Resp: 22495
Ion Ratio Lower Upper
43 100
58 38.1 31.8 47.6
85 18.5 14.9 22.3

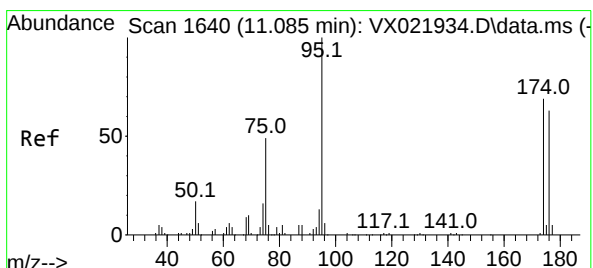
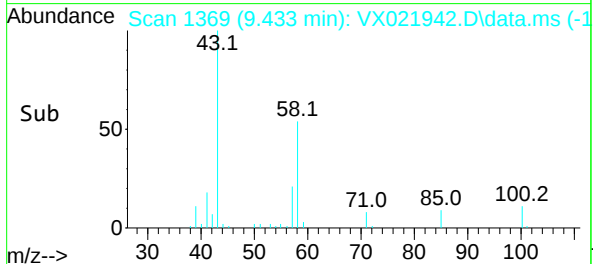
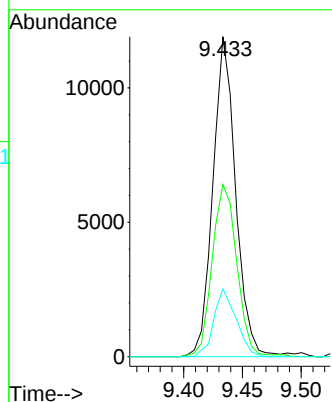
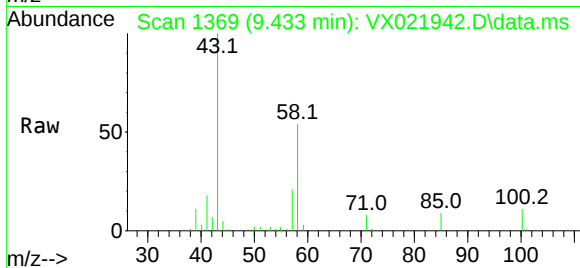




#59
2-Hexanone
Concen: 11.50 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

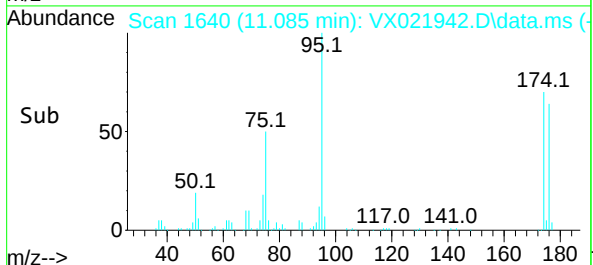
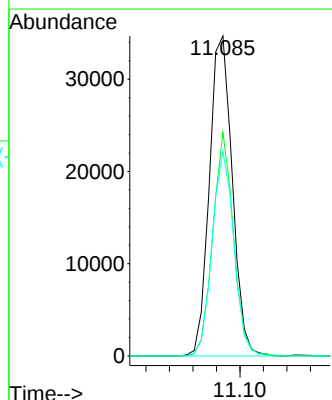
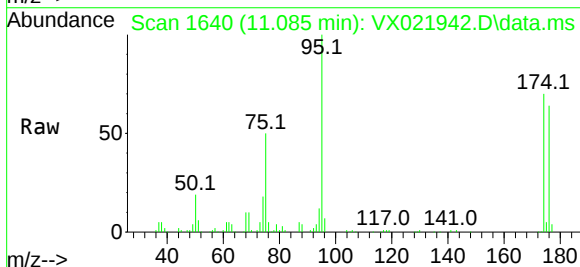
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2021

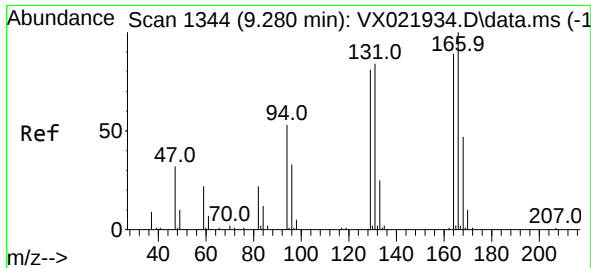
Tgt Ion:	43	Resp:	16005
Ion	Ratio	Lower	Upper
43	100		
58	58.1	45.3	67.9
57	20.8	15.0	22.6



#60
4-Bromofluorobenzene
Concen: 30.42 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

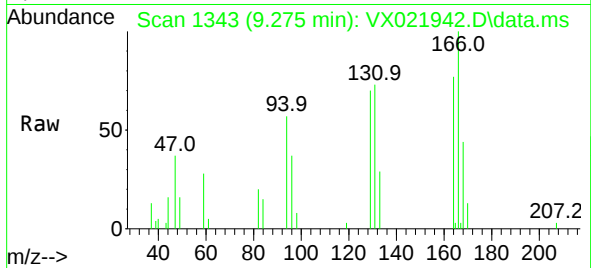
Tgt Ion:	95	Resp:	47024
Ion	Ratio	Lower	Upper
95	100		
174	63.0	52.2	78.2
176	60.6	49.3	73.9



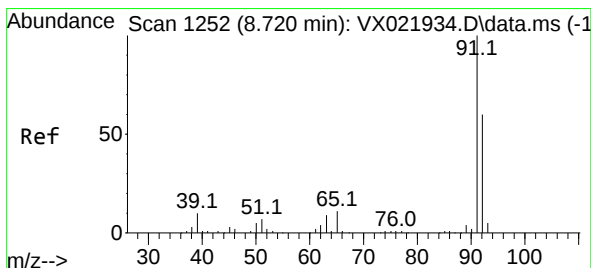
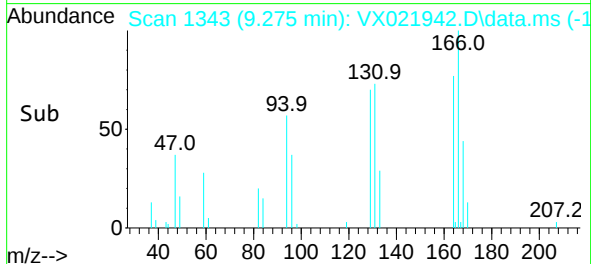
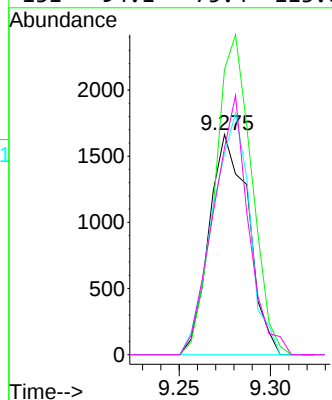


#61
Tetrachloroethene
Concen: 2.34 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.005 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

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

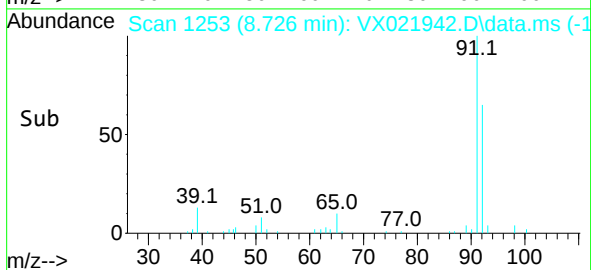
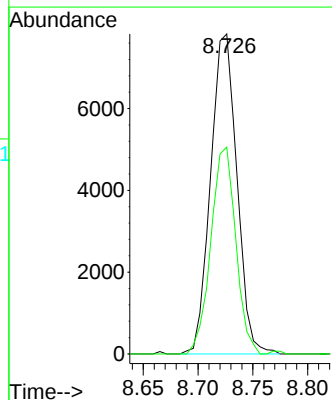
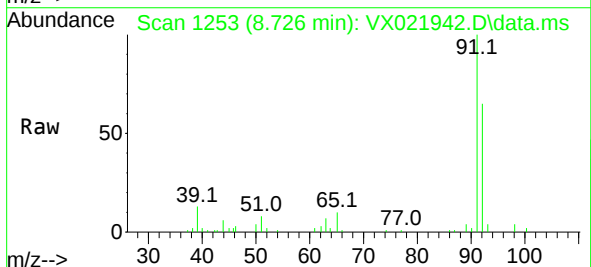


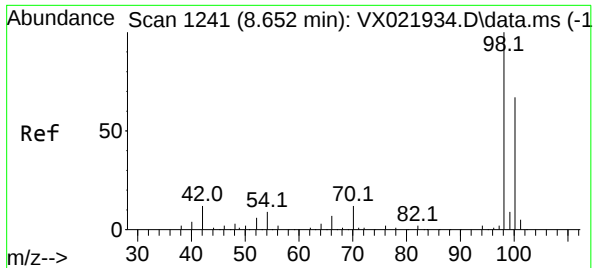
Tgt	Ion:164	Resp:	2473
Ion	Ratio	Lower	Upper
164	100		
166	129.6	90.2	135.4
129	91.3	73.4	110.0
131	94.1	75.4	113.0



#62
Toluene
Concen: 2.45 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.007 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

Tgt Ion: 91	Resp: 13055
Ion Ratio	Lower Upper
91 100	
92 61.1	47.4 71.2

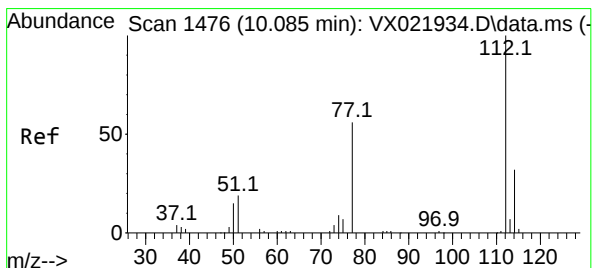
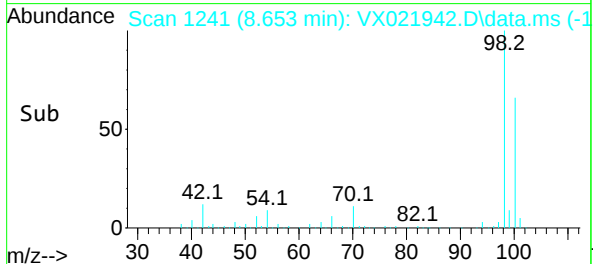
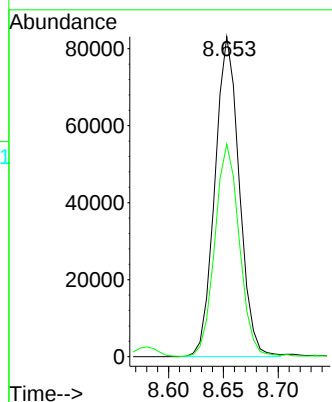
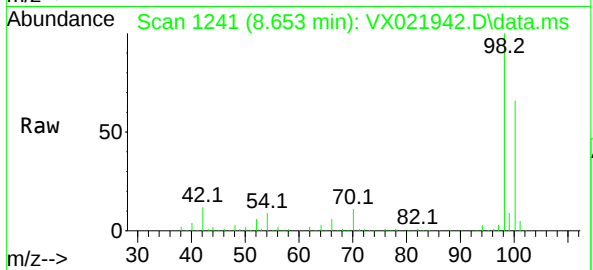




#63
Toluene-d8
Concen: 30.20 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

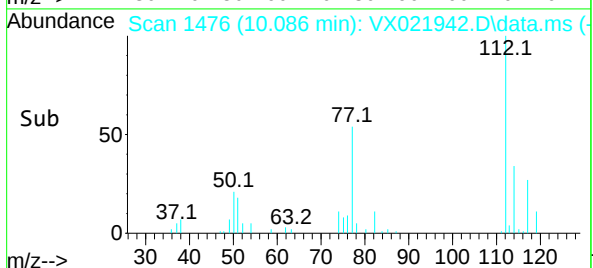
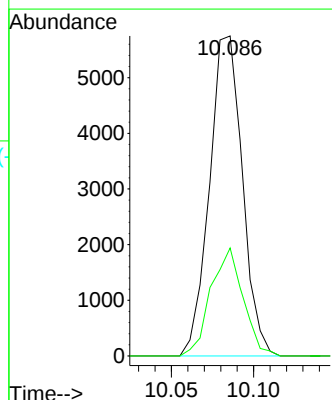
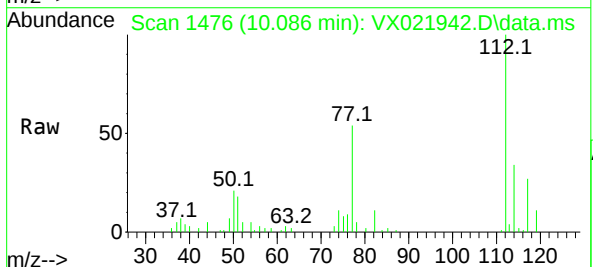
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2021

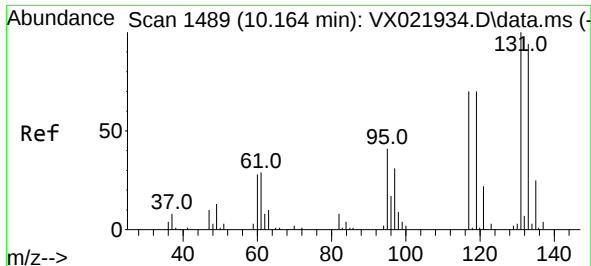
Tgt Ion: 98 Resp: 128574
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8



#64
Chlorobenzene
Concen: 2.51 ug/l
RT: 10.086 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

Tgt Ion: 112 Resp: 8013
Ion Ratio Lower Upper
112 100
114 33.7 25.3 37.9

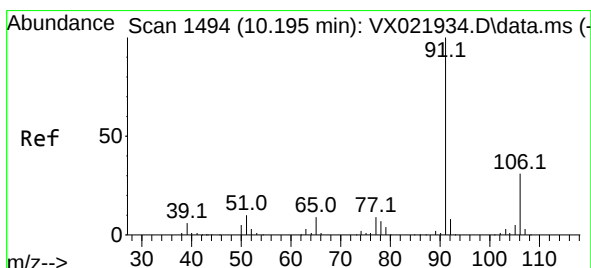
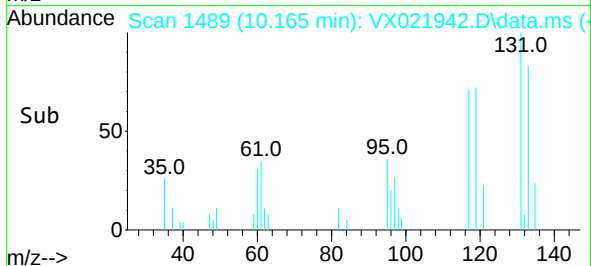
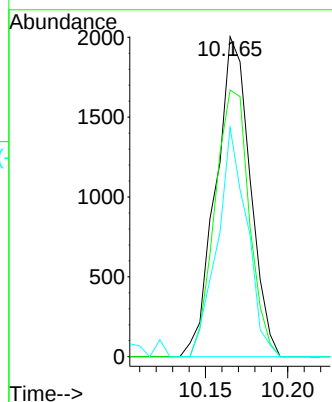
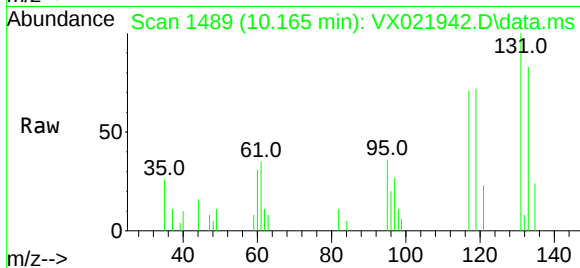




#65
1,1,1,2-Tetrachloroethane
Concen: 2.50 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

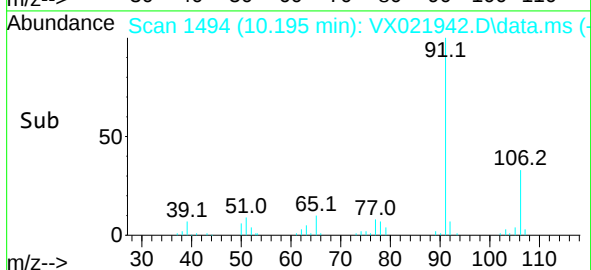
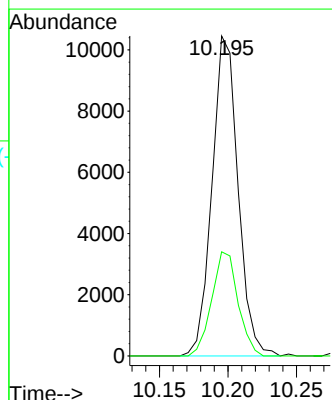
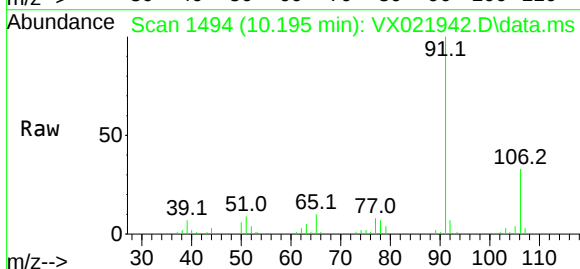
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2021

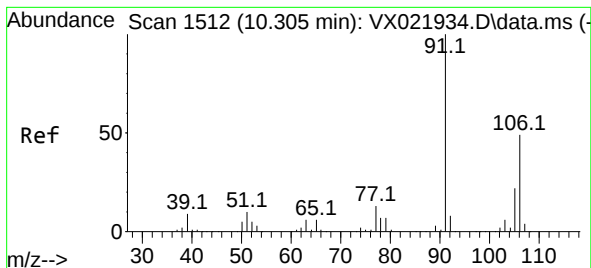
Tgt Ion:	131	Resp:	2912
Ion	Ratio	Lower	Upper
131	100		
133	82.8	0.0	187.6
119	62.0	0.0	137.6



#66
Ethyl Benzene
Concen: 2.35 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

Tgt Ion:	91	Resp:	13806
Ion	Ratio	Lower	Upper
91	100		
106	32.5	24.6	37.0

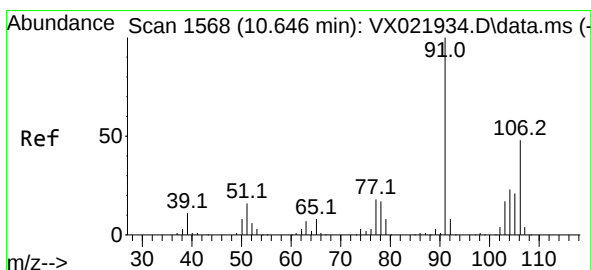
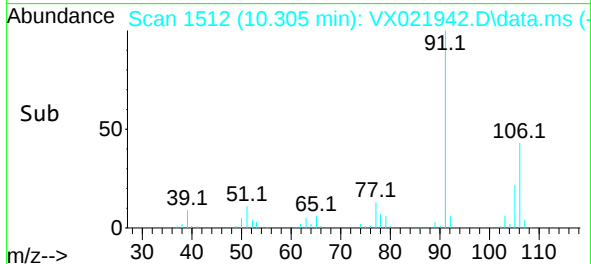
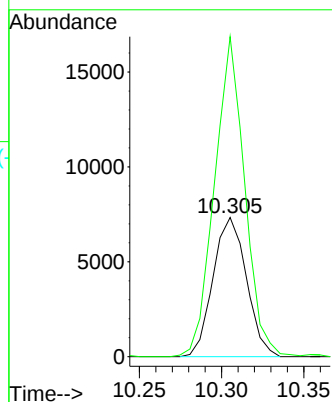
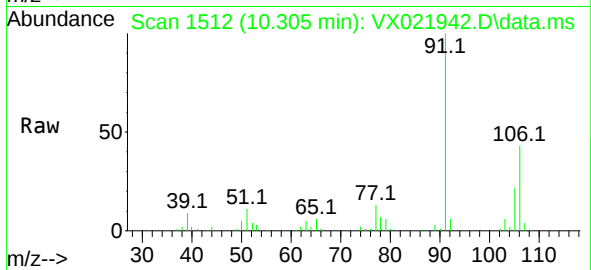




#67
m/p-Xylenes
Concen: 4.66 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

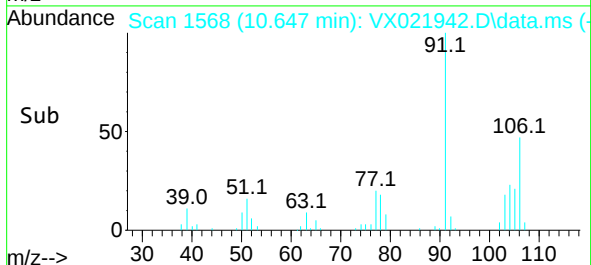
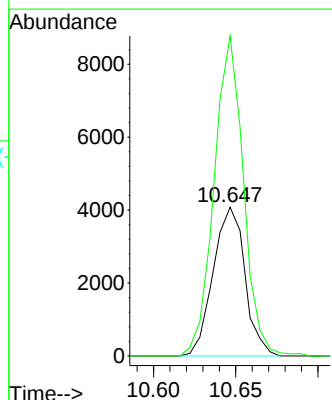
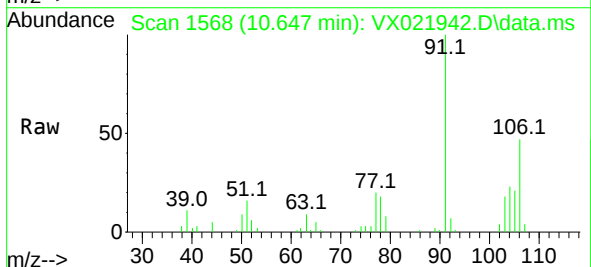
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2021

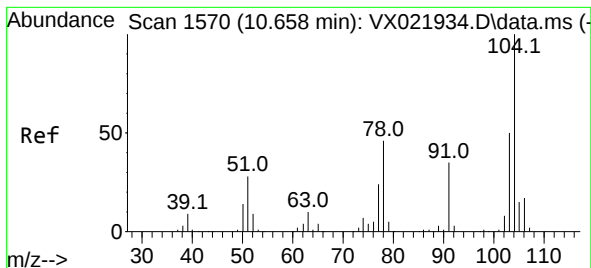
Tgt Ion:106 Resp: 10372
Ion Ratio Lower Upper
106 100
91 207.8 166.0 249.0



#68
o-Xylene
Concen: 2.53 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

Tgt Ion:106 Resp: 5471
Ion Ratio Lower Upper
106 100
91 199.0 106.0 318.0





#69

Styrene

Concen: 2.38 ug/l

RT: 10.659 min Scan# 1570

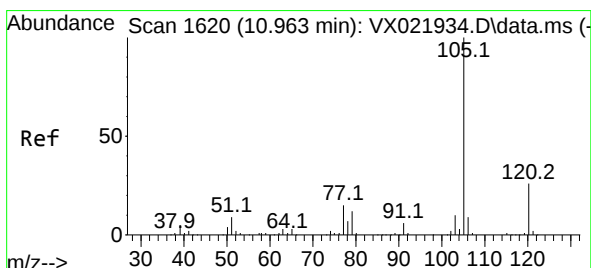
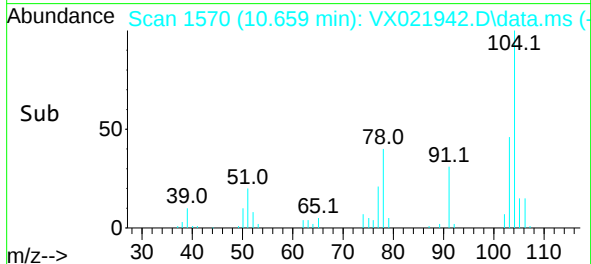
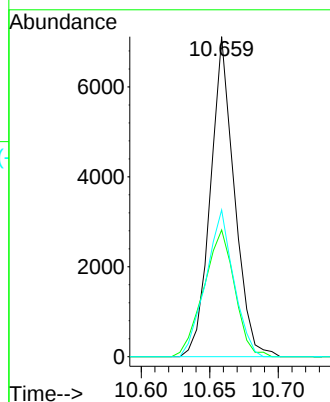
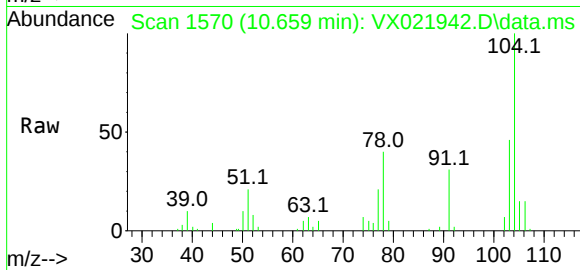
Delta R.T. 0.000 min

Lab File: VX021942.D

Acq: 12 May 2021 22:01

Tgt Ion:	104	Resp:	8627
Ion	Ratio	Lower	Upper
104	100		
78	51.1	41.8	62.8
103	53.3	44.1	66.1

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



#70

Isopropylbenzene

Concen: 2.30 ug/l

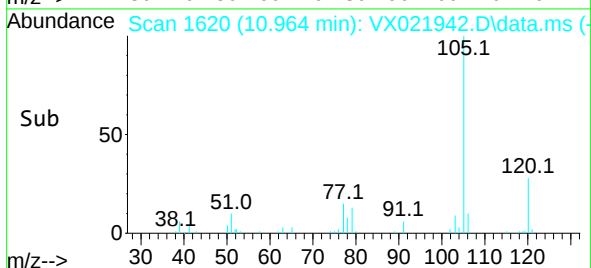
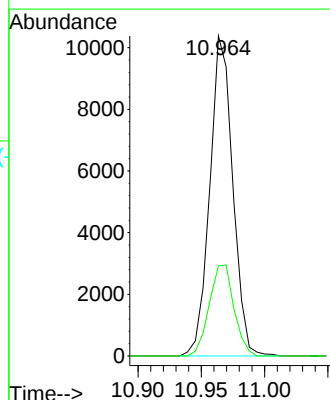
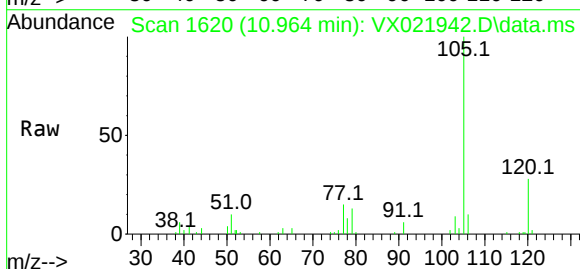
RT: 10.964 min Scan# 1620

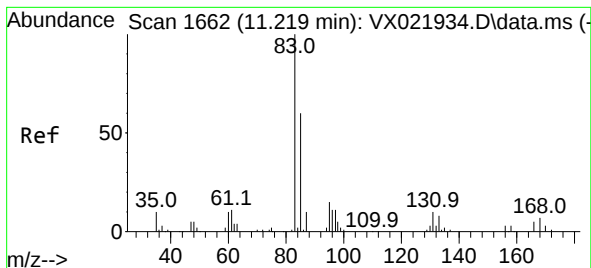
Delta R.T. 0.000 min

Lab File: VX021942.D

Acq: 12 May 2021 22:01

Tgt Ion:	105	Resp:	13099
Ion	Ratio	Lower	Upper
105	100		
120	30.6	18.9	35.1

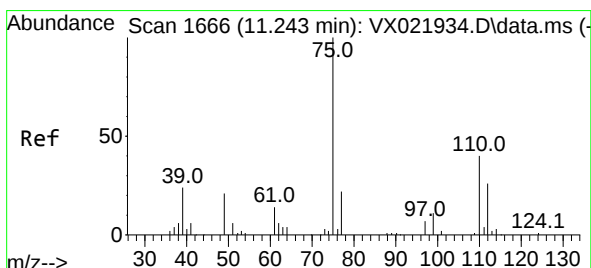
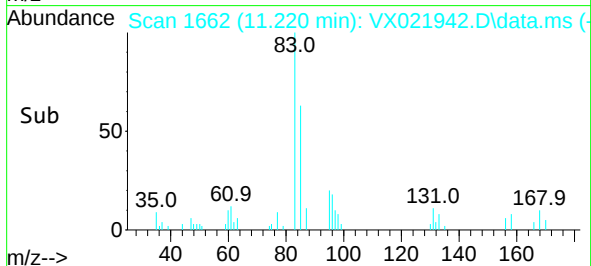
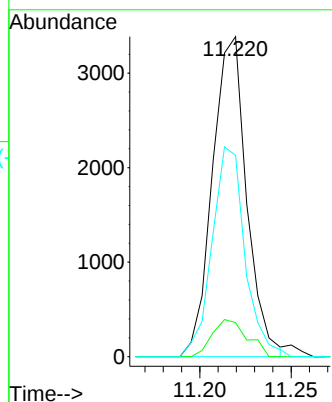
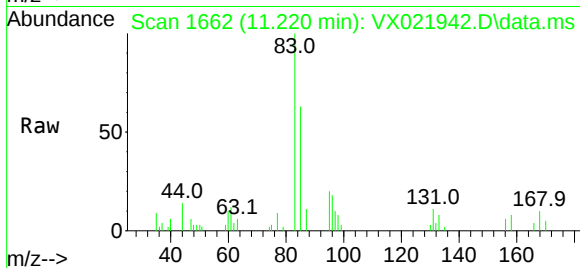




#71
1,1,2,2-Tetrachloroethane
Concen: 2.35 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

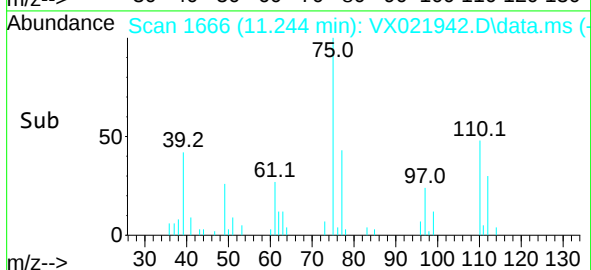
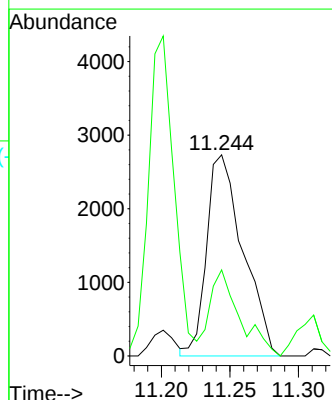
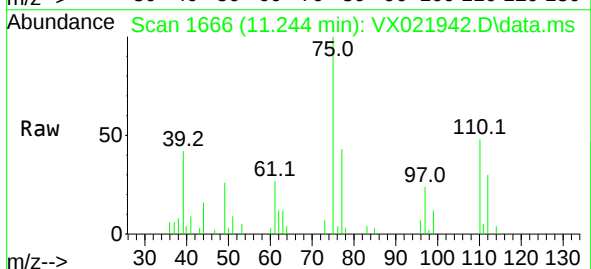
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2021

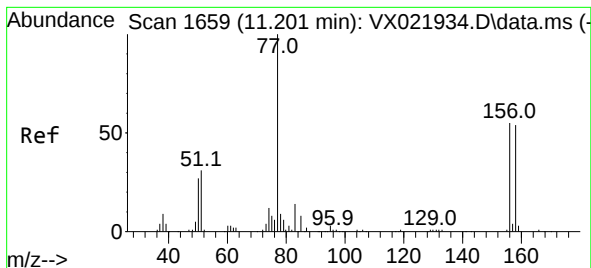
Tgt Ion: 83 Resp: 4406
Ion Ratio Lower Upper
83 100
131 11.8 4.7 14.1
85 63.1 30.8 92.3



#72
1,2,3-Trichloropropane
Concen: 3.04 ug/l
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

Tgt Ion: 75 Resp: 5054
Ion Ratio Lower Upper
75 100
77 29.7 0.0 33.0

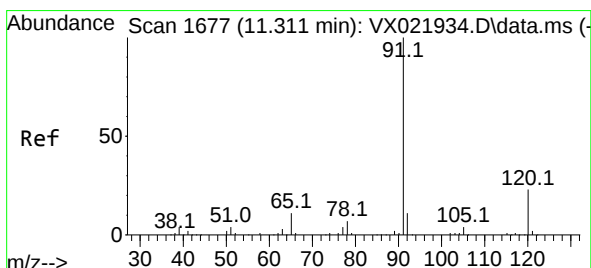
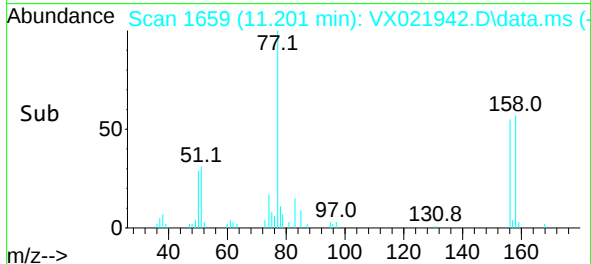
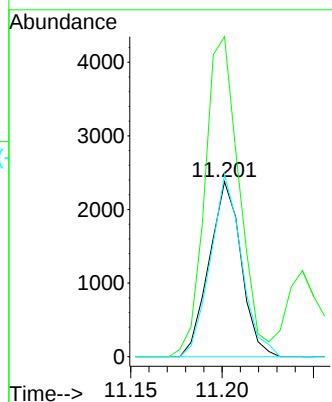
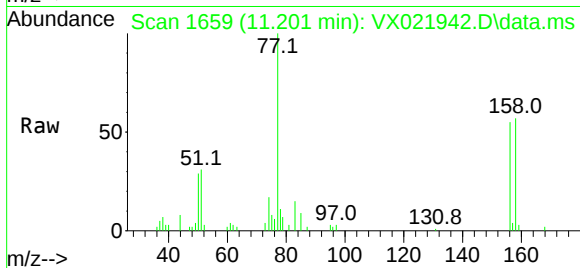




#73
Bromobenzene
Concen: 2.41 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

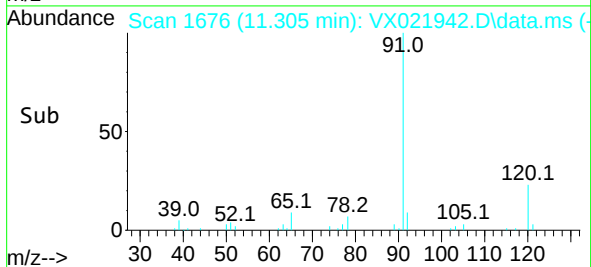
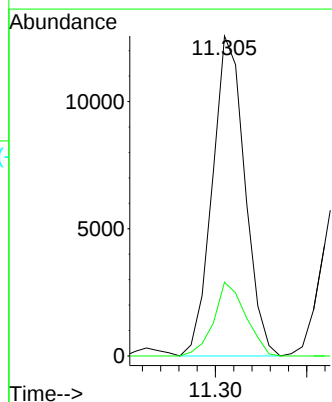
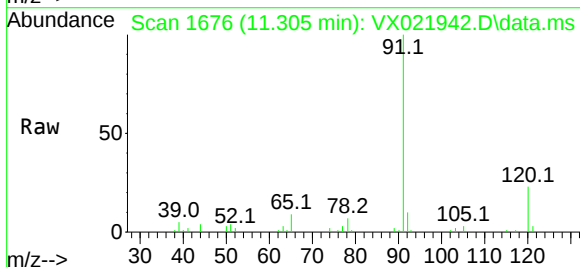
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2021

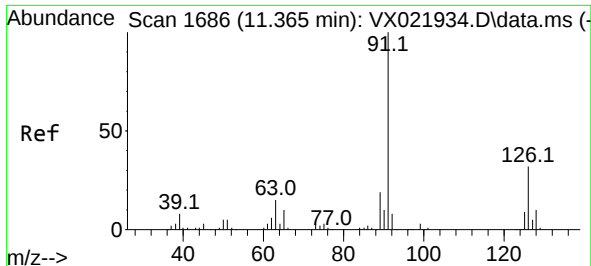
Tgt Ion:156 Resp: 2899
Ion Ratio Lower Upper
156 100
77 195.5 0.0 363.4
158 101.3 0.0 193.4



#74
n-propylbenzene
Concen: 2.34 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

Tgt Ion: 91 Resp: 15515
Ion Ratio Lower Upper
91 100
120 22.7 0.0 44.2

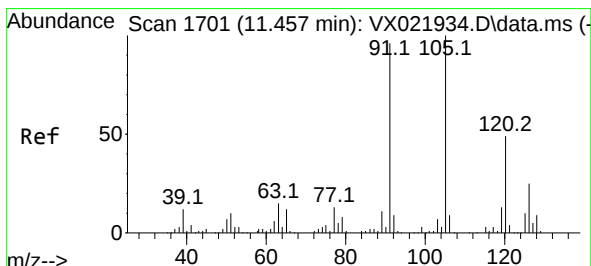
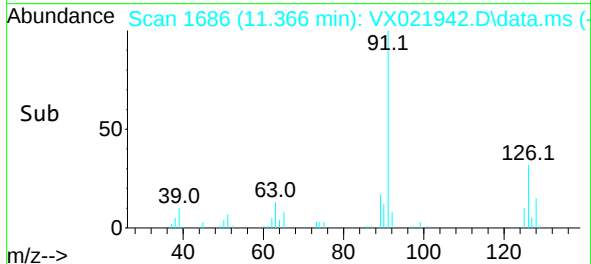
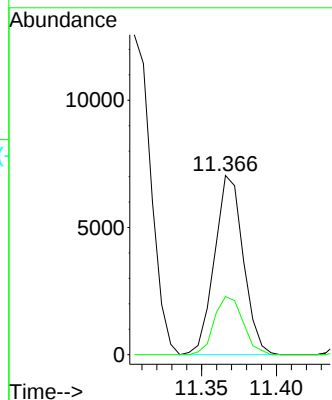
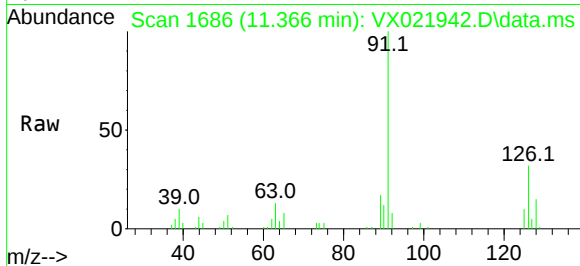




#75
2-Chlorotoluene
Concen: 2.40 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

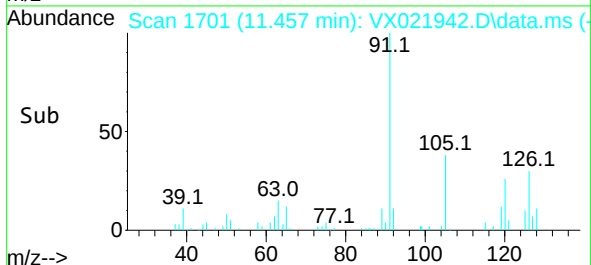
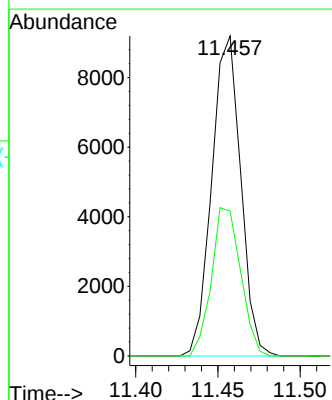
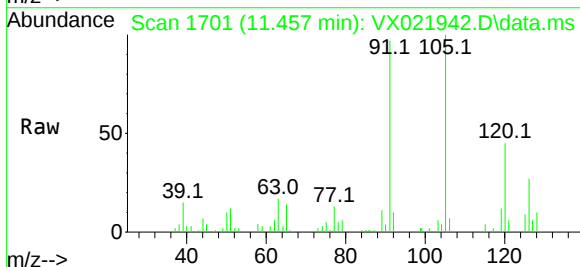
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2021

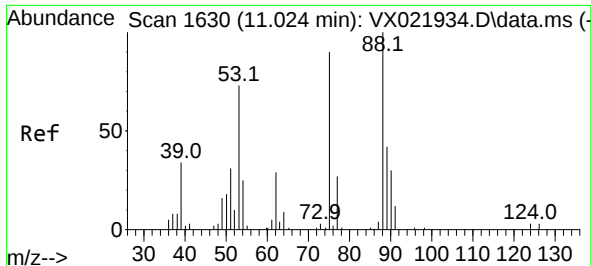
Tgt Ion: 91 Resp: 9437
Ion Ratio Lower Upper
91 100
126 32.3 0.0 63.8



#76
1,3,5-Trimethylbenzene
Concen: 2.37 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.001 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

Tgt Ion: 105 Resp: 11246
Ion Ratio Lower Upper
105 100
120 46.8 0.0 96.2

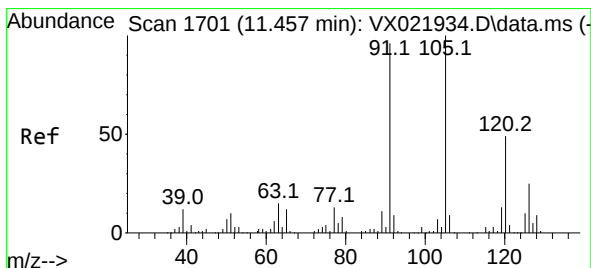
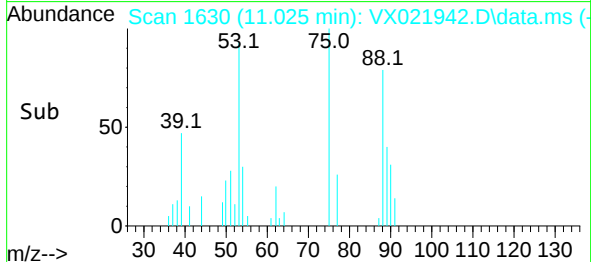
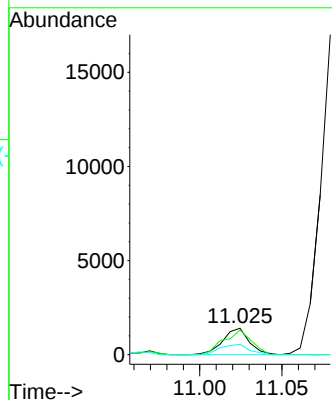
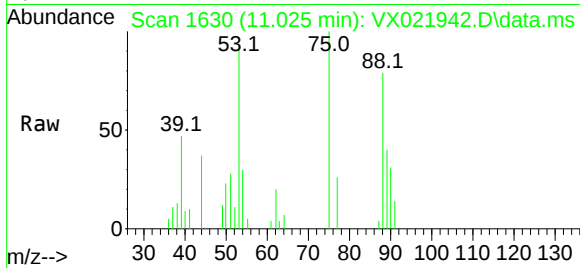




#77
t-1,4-Dichloro-2-butene
Concen: 2.34 ug/l
RT: 11.025 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

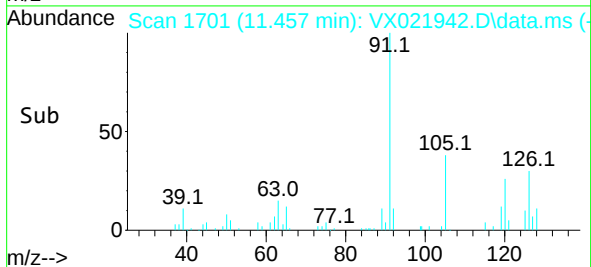
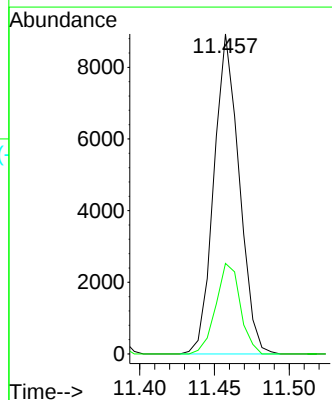
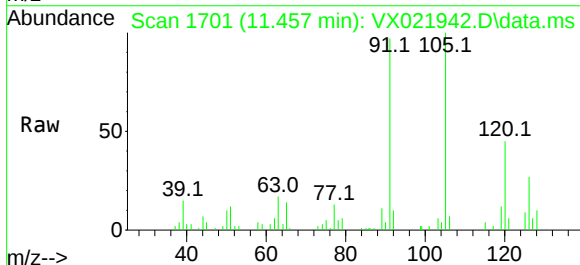
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2021

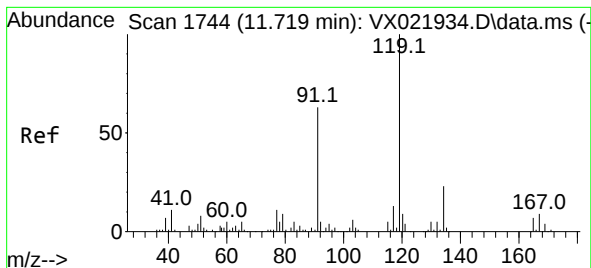
Tgt Ion: 75 Resp: 1574
Ion Ratio Lower Upper
75 100
53 93.4 40.2 120.6
89 39.7 23.4 70.0



#78
4-Chlorotoluene
Concen: 2.33 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.001 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

Tgt Ion: 91 Resp: 10517
Ion Ratio Lower Upper
91 100
126 27.3 0.0 55.8

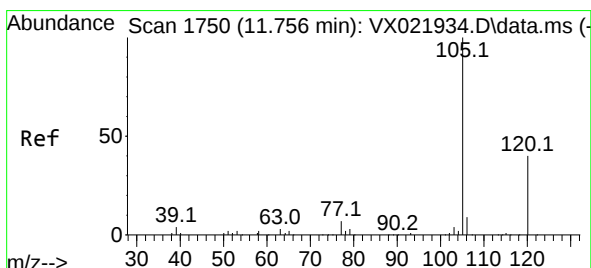
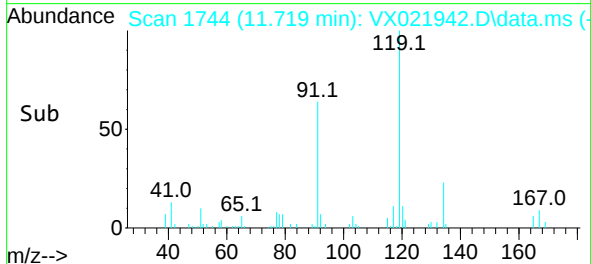
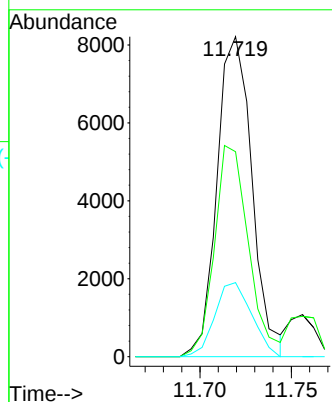
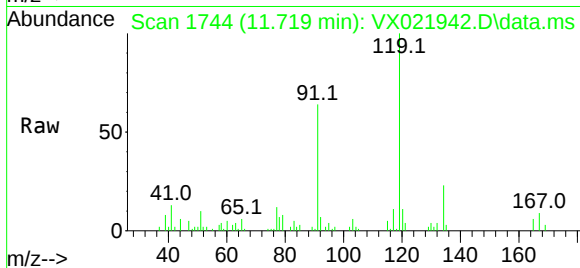




#79
tert-butylbenzene
Concen: 2.41 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

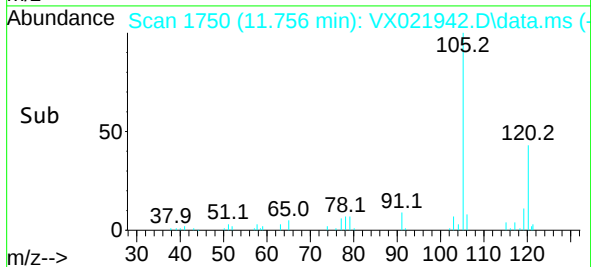
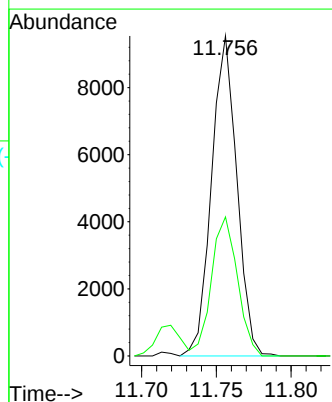
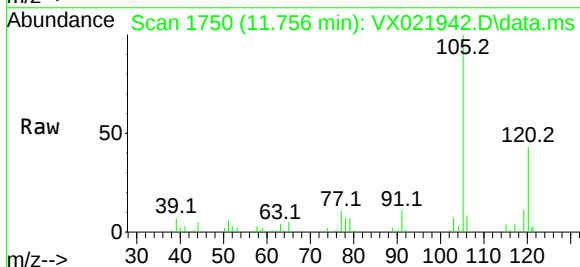
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2021

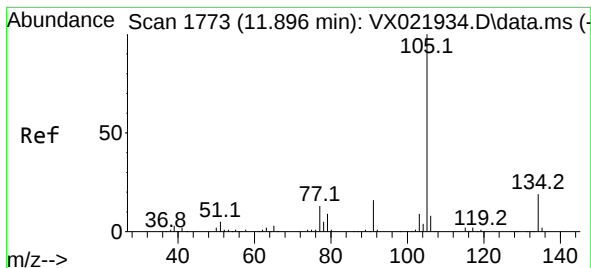
Tgt Ion:119 Resp: 10940
Ion Ratio Lower Upper
119 100
91 64.5 0.0 123.0
134 24.4 0.0 45.4



#80
1,2,4-Trimethylbenzene
Concen: 2.37 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

Tgt Ion:105 Resp: 11231
Ion Ratio Lower Upper
105 100
120 44.6 0.0 91.4

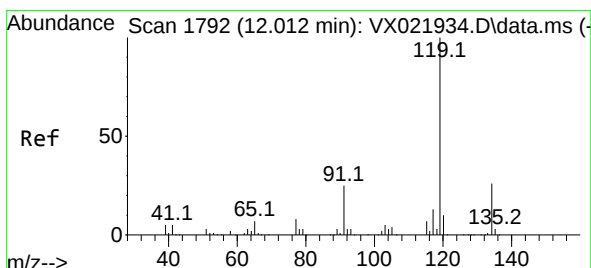
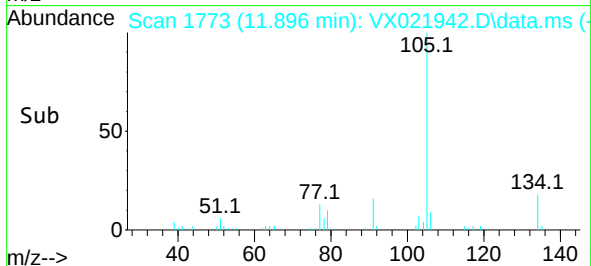
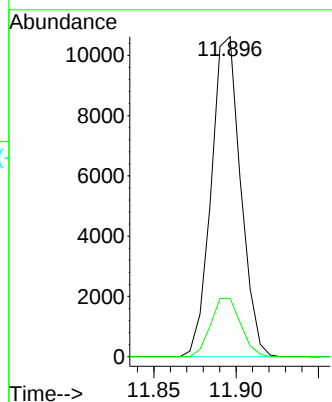
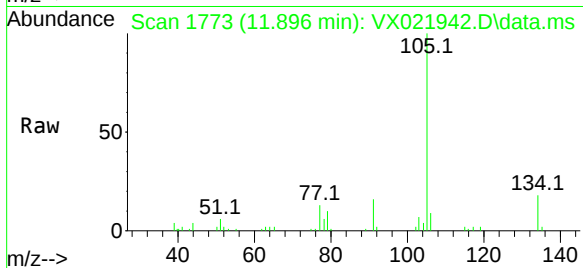




#81
 sec-Butylbenzene
 Concen: 2.32 ug/l
 RT: 11.896 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VX021942.D
 Acq: 12 May 2021 22:01

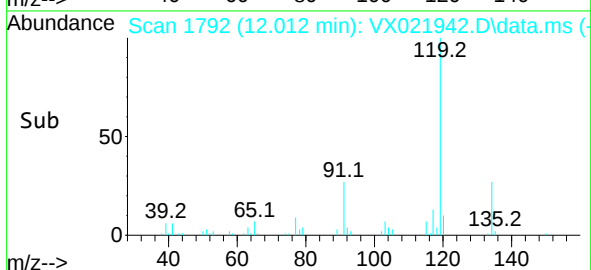
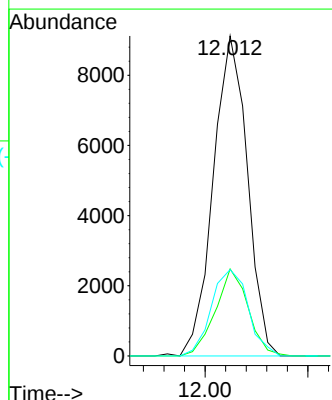
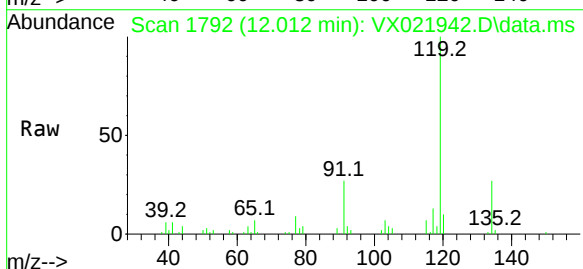
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2021

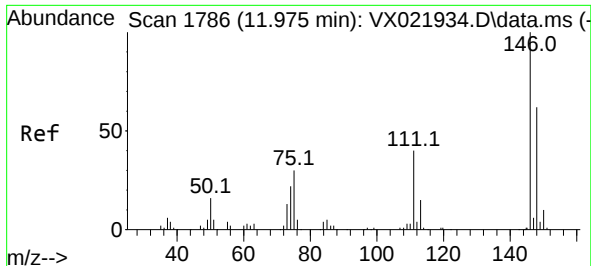
Tgt Ion:105 Resp: 13231
 Ion Ratio Lower Upper
 105 100
 134 18.5 0.0 38.8



#82
 p-Isopropyltoluene
 Concen: 2.19 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX021942.D
 Acq: 12 May 2021 22:01

Tgt Ion:119 Resp: 10501
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 50.4
 91 29.1 0.0 51.0

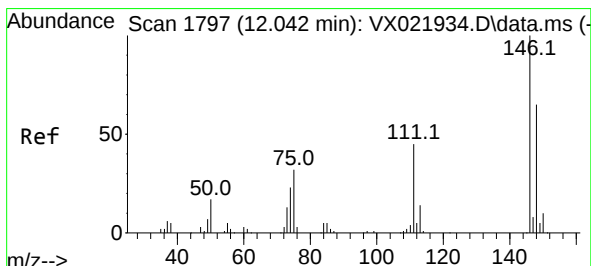
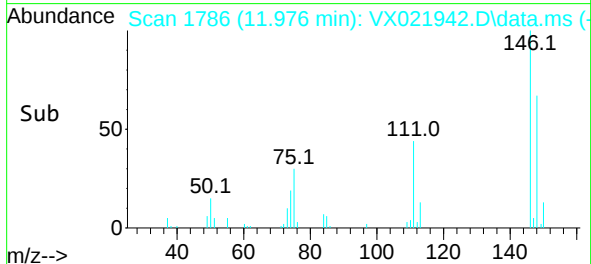
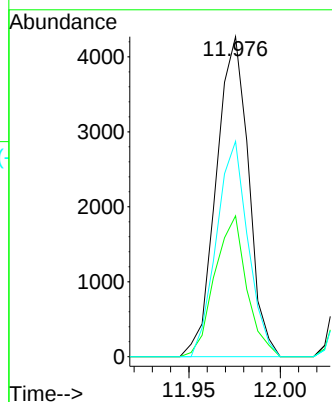
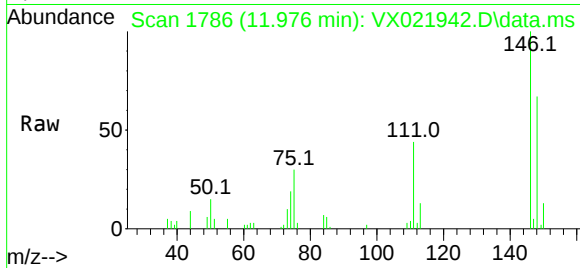




#83
1,3-Dichlorobenzene
Concen: 2.30 ug/l
RT: 11.976 min Scan# 1786
Delta R.T. 0.001 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

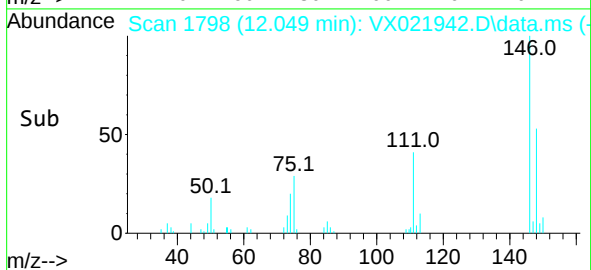
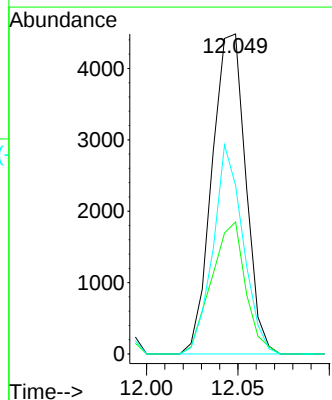
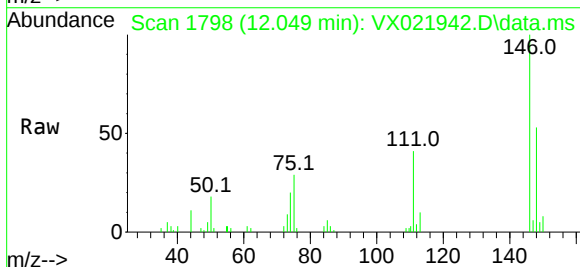
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2021

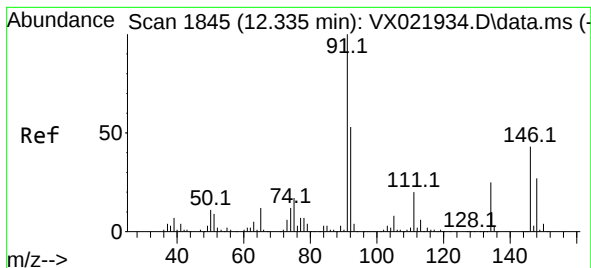
Tgt Ion:146 Resp: 5249
Ion Ratio Lower Upper
146 100
111 43.6 22.1 66.5
148 66.0 31.1 93.5



#84
1,4-Dichlorobenzene
Concen: 2.51 ug/l
RT: 12.049 min Scan# 1798
Delta R.T. 0.007 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

Tgt Ion:146 Resp: 5759
Ion Ratio Lower Upper
146 100
111 41.7 21.0 63.0
148 58.1 31.6 95.0

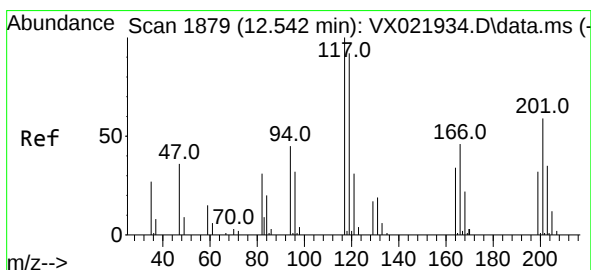
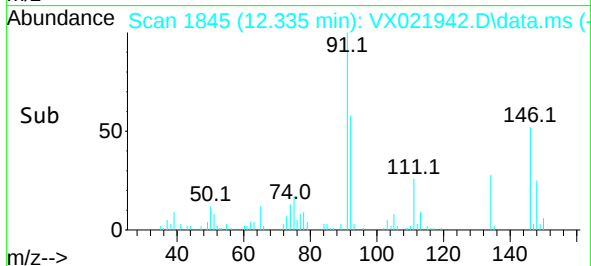
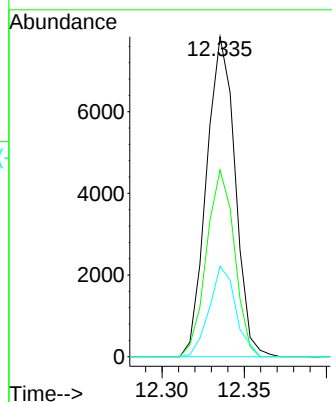
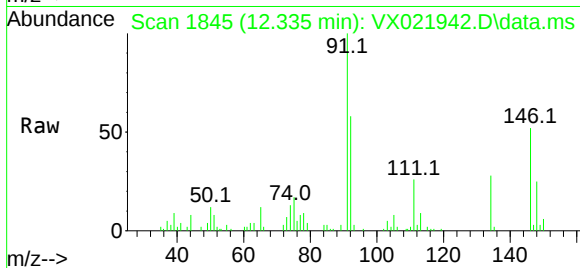




#85
n-Butylbenzene
Concen: 2.16 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

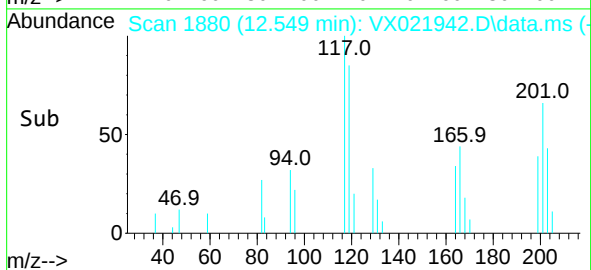
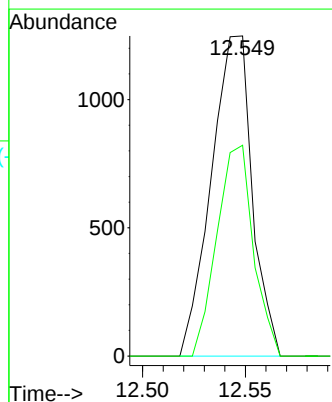
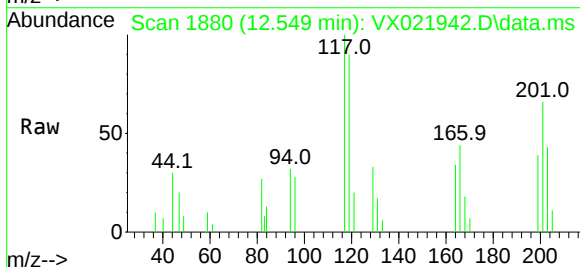
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2021

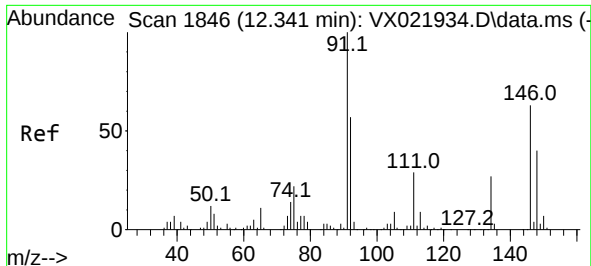
Tgt Ion: 91 Resp: 9477
Ion Ratio Lower Upper
91 100
92 56.8 0.0 111.0
134 26.2 0.0 49.8



#86
Hexachloroethane
Concen: 2.18 ug/l
RT: 12.549 min Scan# 1880
Delta R.T. 0.007 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

Tgt Ion: 117 Resp: 1734
Ion Ratio Lower Upper
117 100
201 58.5 30.9 92.8

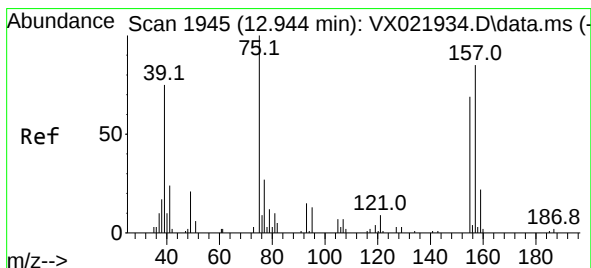
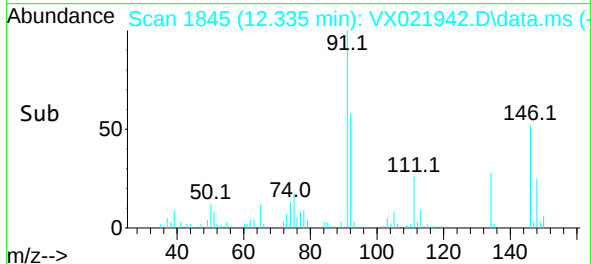
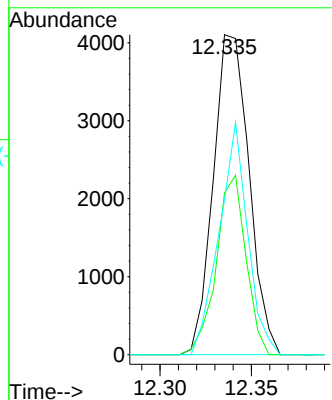
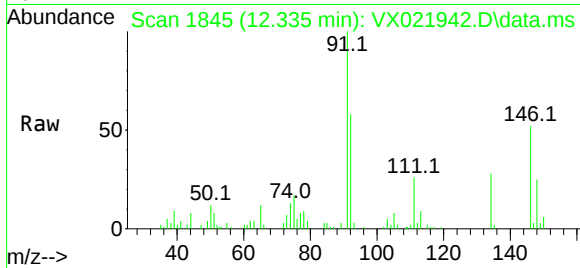




#87
1,2-Dichlorobenzene
Concen: 2.53 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

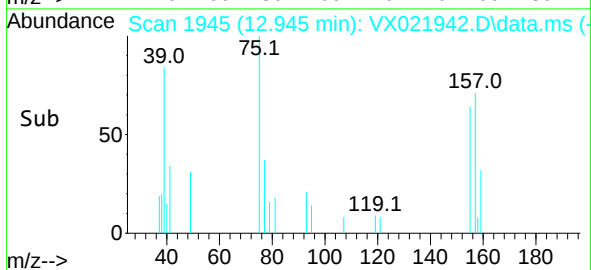
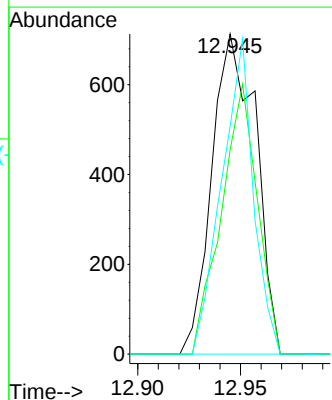
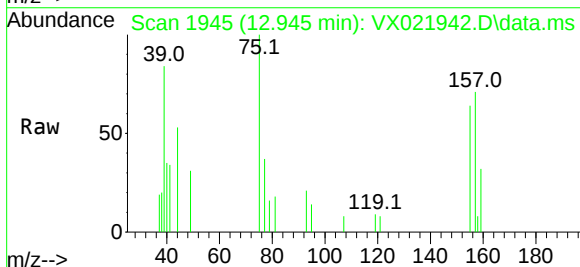
Instrument :
MSVOA_X
ClientSampleId :
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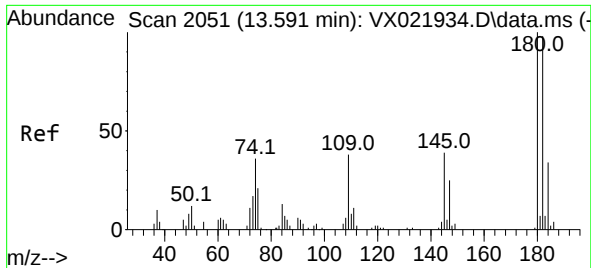
Tgt Ion:146 Resp: 5593
Ion Ratio Lower Upper
146 100
111 46.4 22.9 68.8
148 58.0 31.9 95.9



#88
1,2-Dibromo-3-Chloropropane
Concen: 2.54 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

Tgt Ion: 75 Resp: 1059
Ion Ratio Lower Upper
75 100
155 69.4 64.6 97.0
157 71.4 75.8 113.6#

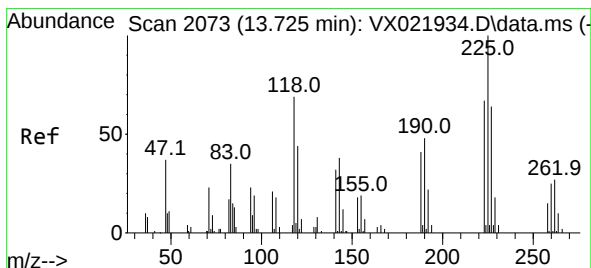
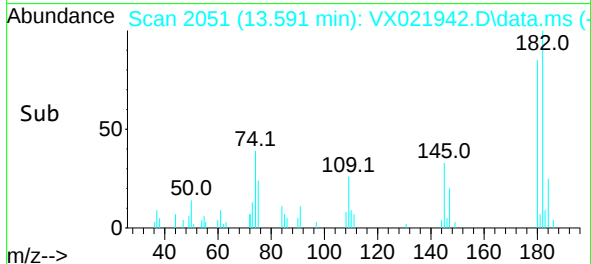
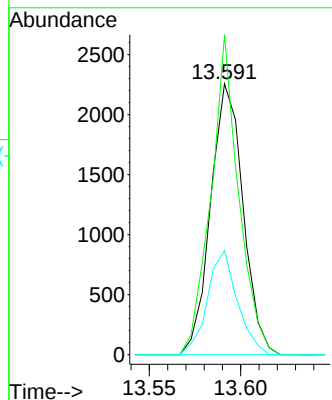
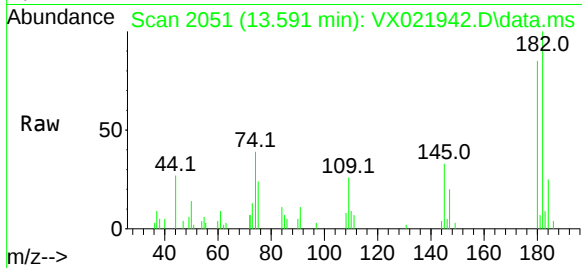




#89
1,2,4-Trichlorobenzene
Concen: 2.06 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

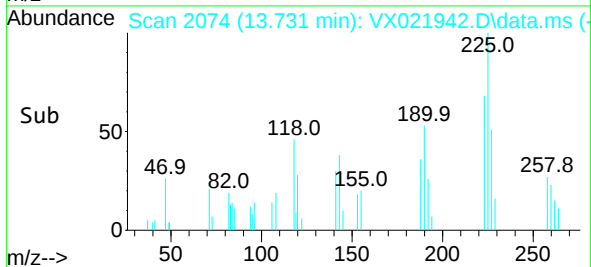
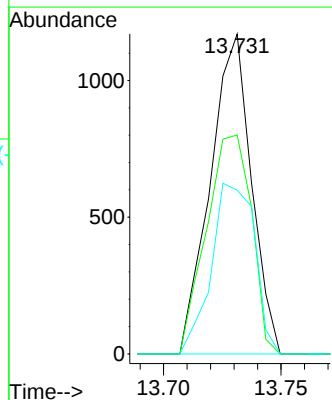
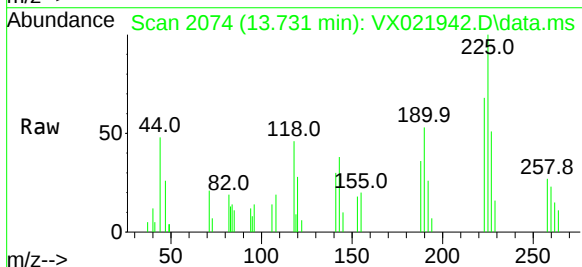
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2021

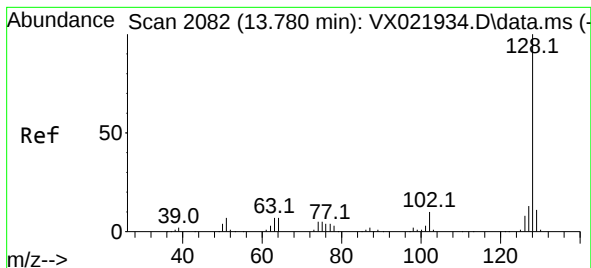
Tgt Ion:180 Resp: 2788
Ion Ratio Lower Upper
180 100
182 101.1 77.8 116.6
145 35.6 30.0 45.0



#90
Hexachlorobutadiene
Concen: 2.71 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.007 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

Tgt Ion:225 Resp: 1421
Ion Ratio Lower Upper
225 100
223 75.2 0.0 128.0
227 56.3 0.0 129.6

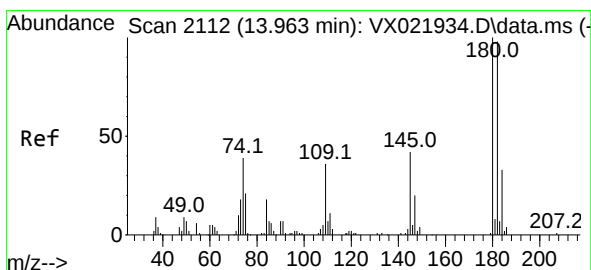
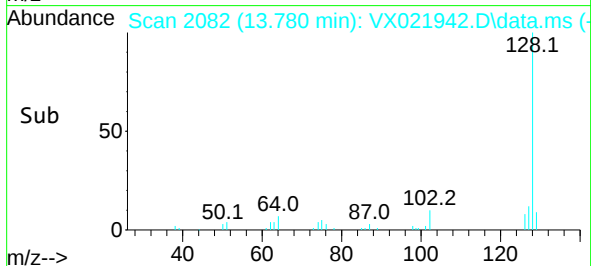
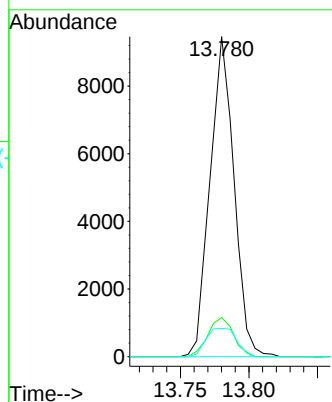
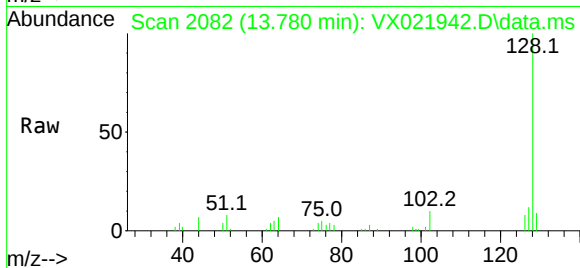




#91
Naphthalene
Concen: 2.17 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

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

Tgt Ion:128	Resp:	11517
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.4 15.6
129	11.1	9.2 13.8



#92
1,2,3-Trichlorobenzene
Concen: 2.16 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX021942.D
Acq: 12 May 2021 22:01

Tgt Ion:180	Resp:	2910
Ion Ratio	Lower	Upper
180	100	
182	97.3	0.0 192.6
145	38.0	0.0 75.8

