

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071122\
 Data File : VX029990.D
 Acq On : 11 Jul 2022 11:59
 Operator : JC/MD
 Sample : N3214-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2022

Quant Time: Jul 12 01:22:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 09 02:10:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	28764	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	162359	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	143472	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	66770	28.468	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	94.900%
60) 4-Bromofluorobenzene	11.079	95	77775	28.765	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.867%
63) Toluene-d8	8.653	98	231061	29.701	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	5027	2.556	ug/l	94
3) Chloromethane	1.288	50	5309	2.588	ug/l	90
4) Vinyl Chloride	1.374	62	5954	2.562	ug/l	93
5) Bromomethane	1.611	94	2714	2.834	ug/l	96
6) Chloroethane	1.691	64	3545	2.848	ug/l	96
7) Trichlorofluoromethane	1.886	101	8184	2.778	ug/l	93
8) Diethyl Ether	2.136	74	3655	2.917	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	5946	2.997	ug/l	93
10) 1,1-Dichloroethene	2.318	96	5832	2.879	ug/l	92
11) Methyl Iodide	2.453	142	3453	10.291	ug/l	93
12) Methyl Acetate	2.709	43	9039	2.740	ug/l	93
13) Acrolein	2.239	56	5247	13.539	ug/l	89
14) Acrylonitrile	3.068	53	18779	13.226	ug/l	99
15) Acetone	2.386	58	5898	15.293	ug/l #	65
16) Carbon Disulfide	2.507	76	15845	2.997	ug/l #	94
17) Allyl chloride	2.666	41	10077	2.823	ug/l	89
18) Methylene Chloride	2.794	84	7590	3.216	ug/l	91
19) trans-1,2-Dichloroethene	3.093	96	6304	2.868	ug/l	85
20) Diisopropyl ether	3.757	45	18735	2.620	ug/l #	93
21) 1,1-Dichloroethane	3.617	63	11201	2.910	ug/l #	93
22) cis-1,2-Dichloroethene	4.501	96	7005	2.684	ug/l	96
23) tert-Butyl Alcohol	2.983	59	8192	12.595	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	16976	2.598	ug/l	99
26) Cyclohexane	5.470	56	9829	2.756	ug/l #	93
29) 1,1-Dichloropropene	5.684	75	3405	1.226	ug/l #	66
30) 2-Butanone	4.568	43	25656	13.685	ug/l #	96
31) 2,2-Dichloropropane	4.471	77	3959	1.491	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	8676	2.905	ug/l	95
33) Carbon Tetrachloride	5.684	117	7572	3.019	ug/l	85
34) Benzene	6.043	78	25454	2.852	ug/l	97
35) Methacrylonitrile	4.928	41	2556	1.347	ug/l	95
36) 1,2-Dichloroethane	6.098	62	7416	2.729	ug/l #	89
37) Trichloroethene	7.135	130	7230	3.029	ug/l	97
38) Methylcyclohexane	7.385	83	10659	2.958	ug/l	95
39) 1,2-Dichloropropane	7.433	63	6397	2.816	ug/l	94
40) Dibromomethane	7.580	93	4386	2.848	ug/l	93
41) Bromodichloromethane	7.824	83	8176	2.972	ug/l	88
42) Vinyl Acetate	3.721	43	73124	12.197	ug/l	98
43) Ethyl Acetate	4.721	43	9224	2.612	ug/l	99

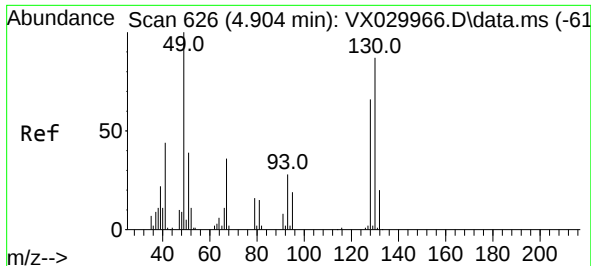
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	6.342	43	15043	2.804	ug/l	100
45) 1,4-Dioxane	7.689	88	3324	52.782	ug/l	94
46) Methyl methacrylate	7.696	41	6858	2.698	ug/l	88
47) n-amyl Acetate	10.847	43	10510	2.281	ug/l	96
48) t-1,3-Dichloropropene	8.982	75	8481	2.790	ug/l	89
49) cis-1,3-Dichloropropene	8.366	75	9939	2.911	ug/l	96
50) 1,1,2-Trichloroethane	9.159	97	6597	2.891	ug/l	98
51) Ethyl methacrylate	9.122	69	9003	2.536	ug/l	91
52) 1,3-Dichloropropane	9.311	76	10263	2.796	ug/l	99
53) Dibromochloromethane	9.524	129	6533	3.094	ug/l	98
54) 1,2-Dibromoethane	9.610	107	6608	2.789	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	26619	14.544	ug/l	97
56) Bromoform	10.799	173	5056	3.420	ug/l	98
58) 4-Methyl-2-Pentanone	8.573	43	46840	13.217	ug/l	98
59) 2-Hexanone	9.433	43	36652	13.372	ug/l	98
61) Tetrachloroethene	9.275	164	7006	3.252	ug/l	99
62) Toluene	8.720	91	27573	2.889	ug/l	94
64) Chlorobenzene	10.079	112	16697	2.929	ug/l	94
65) 1,1,1,2-Tetrachloroethane	10.165	131	5957	2.997	ug/l	93
66) Ethyl Benzene	10.195	91	27943	2.755	ug/l	97
67) m/p-Xylenes	10.305	106	22094	5.614	ug/l	97
68) o-Xylene	10.646	106	10356	2.642	ug/l	97
69) Styrene	10.658	104	16705	2.576	ug/l	96
70) Isopropylbenzene	10.963	105	27233	2.760	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	10071	2.807	ug/l	98
72) 1,2,3-Trichloropropane	11.244	75	10809	3.351	ug/l	85
73) Bromobenzene	11.201	156	6673	2.820	ug/l	94
74) n-propylbenzene	11.305	91	31352	2.649	ug/l	100
75) 2-Chlorotoluene	11.366	91	18868	2.707	ug/l	96
76) 1,3,5-Trimethylbenzene	11.451	105	22139	2.672	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	3328	3.000	ug/l	73
78) 4-Chlorotoluene	11.457	91	21310	2.724	ug/l	96
79) tert-butylbenzene	11.719	119	21808	2.706	ug/l	99
80) 1,2,4-Trimethylbenzene	11.756	105	21077	2.475	ug/l	94
81) sec-Butylbenzene	11.890	105	27909	2.558	ug/l	100
82) p-Isopropyltoluene	12.012	119	22710	2.586	ug/l	98
83) 1,3-Dichlorobenzene	11.975	146	13277	2.900	ug/l	97
84) 1,4-Dichlorobenzene	12.042	146	12084	2.603	ug/l	98
85) n-Butylbenzene	12.335	91	19036	2.310	ug/l	95
86) Hexachloroethane	12.536	117	4307	2.952	ug/l	96
87) 1,2-Dichlorobenzene	12.335	146	12485	2.762	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	2140	2.615	ug/l	96
89) 1,2,4-Trichlorobenzene	13.591	180	7058	2.522	ug/l	97
90) Hexachlorobutadiene	13.731	225	2905	2.737	ug/l	89
91) Naphthalene	13.780	128	26488	2.374	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	7413	2.600	ug/l	97

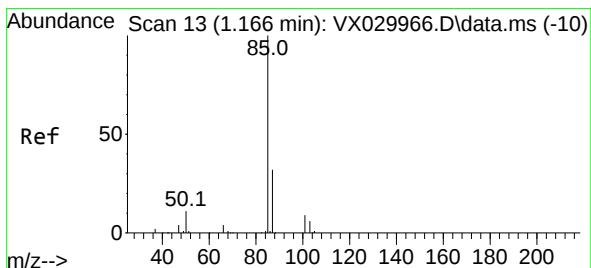
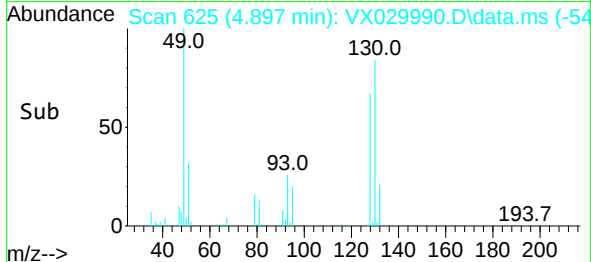
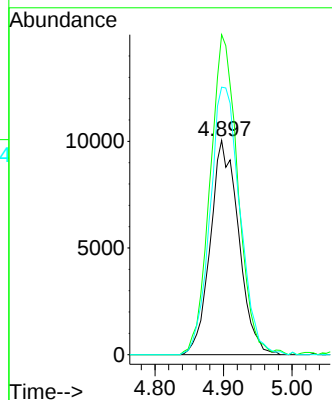
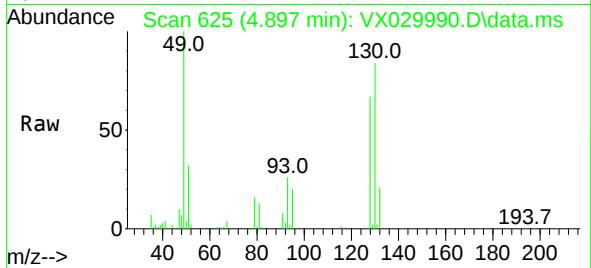
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX029990.D
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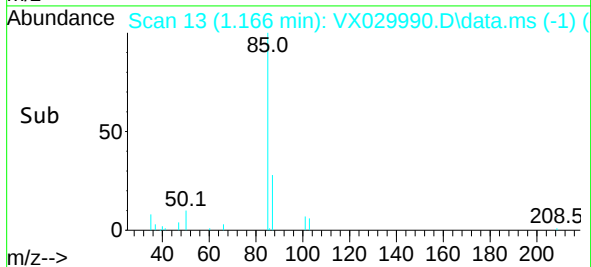
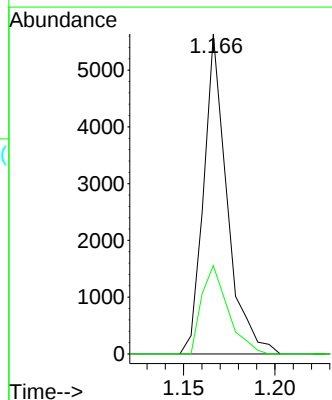
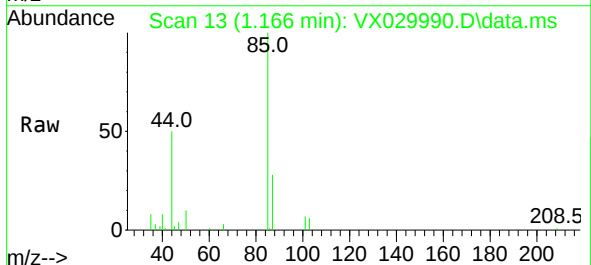
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022

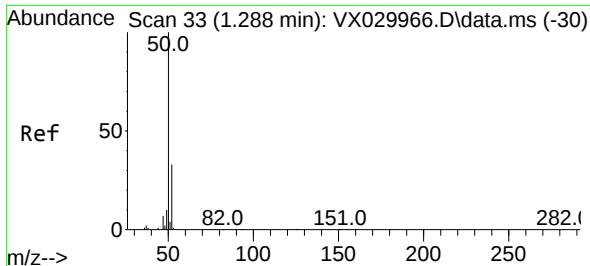
Tgt Ion:128 Resp: 28764
Ion Ratio Lower Upper
128 100
49 146.3 0.0 358.3
130 131.9 0.0 319.3



#2
Dichlorodifluoromethane
Concen: 2.556 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

Tgt Ion: 85 Resp: 5027
Ion Ratio Lower Upper
85 100
87 27.6 15.6 46.8

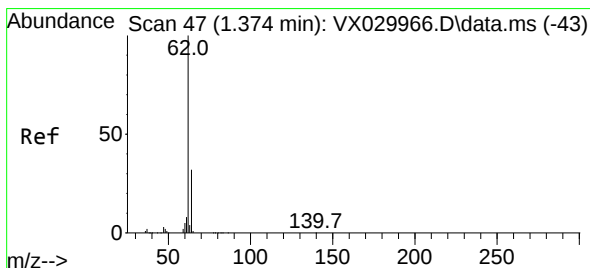
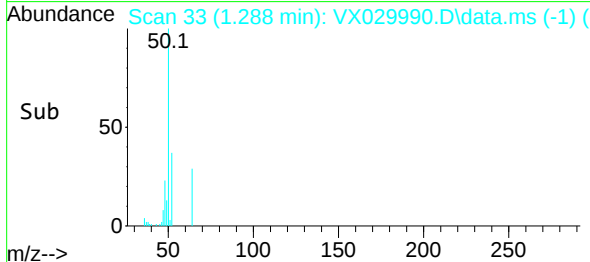
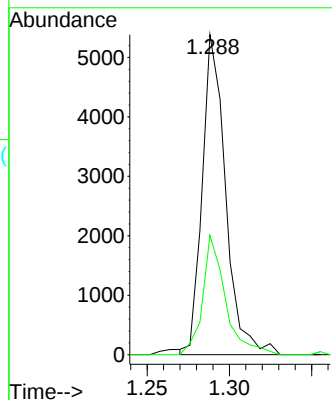
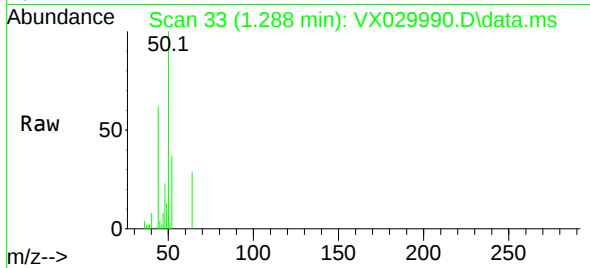




#3
Chloromethane
Concen: 2.588 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

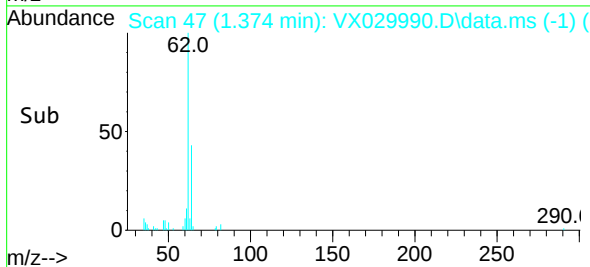
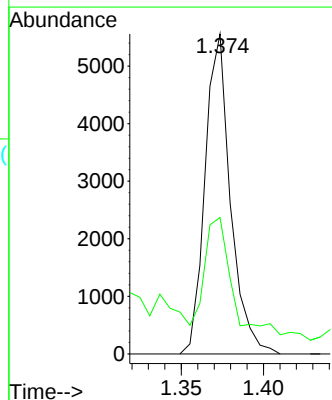
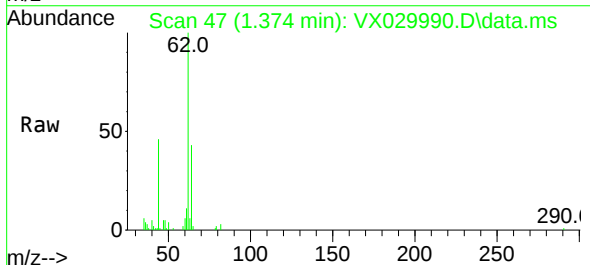
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2022

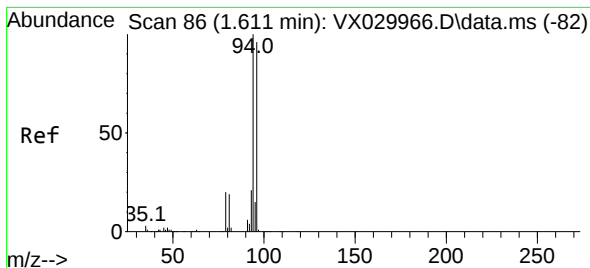
Tgt Ion: 50 Resp: 5309
Ion Ratio Lower Upper
50 100
52 37.3 25.6 38.4



#4
Vinyl Chloride
Concen: 2.562 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

Tgt Ion: 62 Resp: 5954
Ion Ratio Lower Upper
62 100
64 36.6 26.2 39.2





#5

Bromomethane

Concen: 2.834 ug/l

RT: 1.611 min Scan# 80

Delta R.T. -0.000 min

Lab File: VX029990.D

Acq: 11 Jul 2022 11:59

Instrument :

MSVOA_X

ClientSampleId :

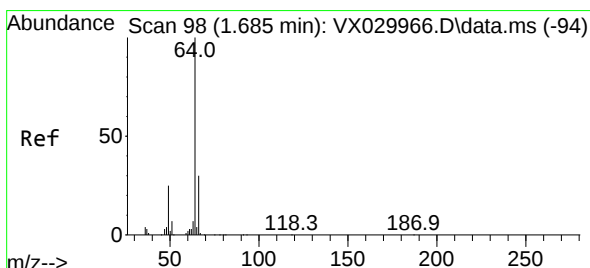
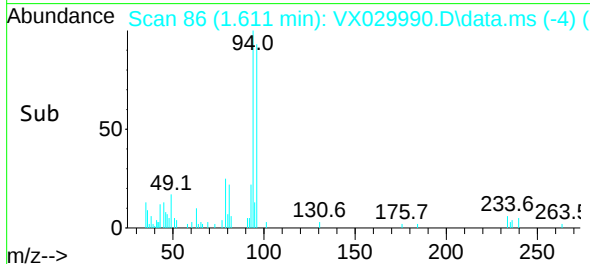
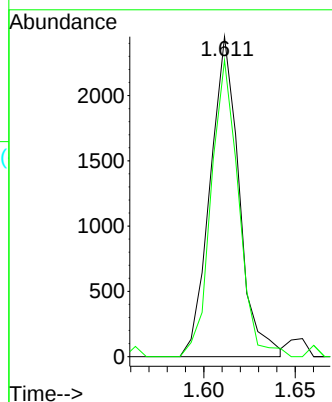
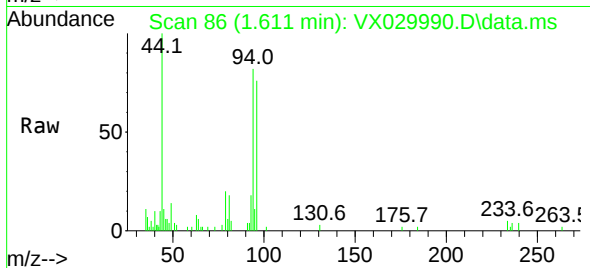
MDL-WATER-03-QT2-2022

Tgt Ion: 94 Resp: 2714

Ion Ratio Lower Upper

94 100

96 92.7 77.0 115.6



#6

Chloroethane

Concen: 2.848 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.006 min

Lab File: VX029990.D

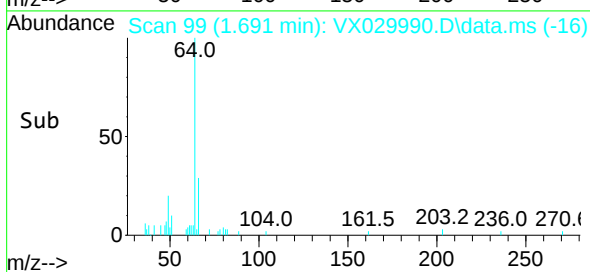
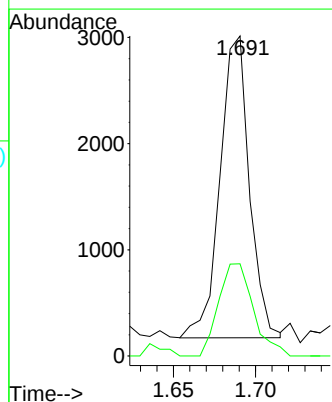
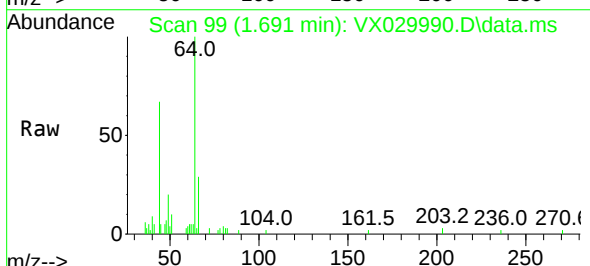
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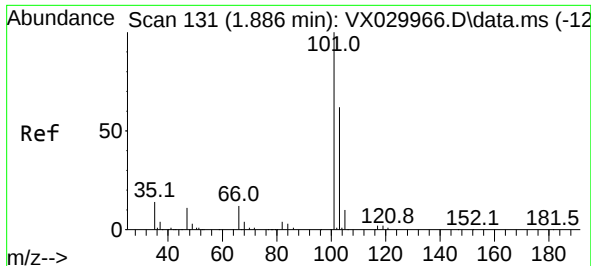
Tgt Ion: 64 Resp: 3545

Ion Ratio Lower Upper

64 100

66 30.5 26.4 39.6

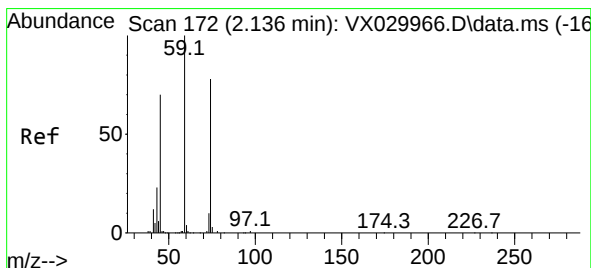
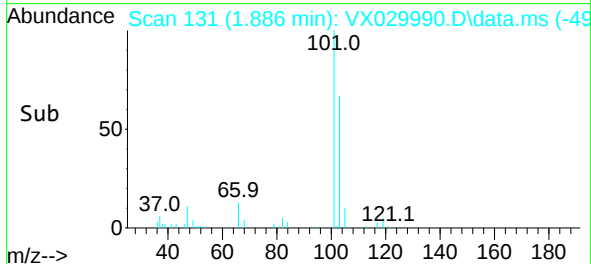
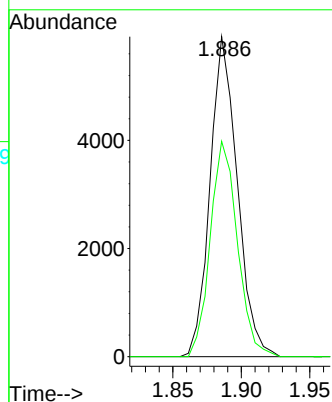
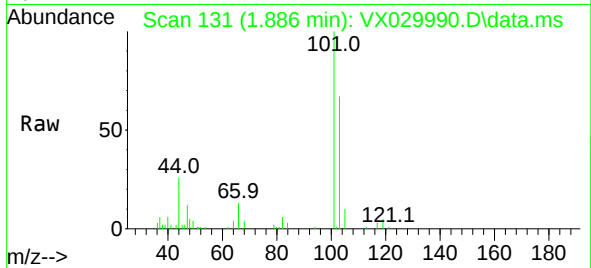




#7
 Trichlorofluoromethane
 Concen: 2.778 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029990.D
 Acq: 11 Jul 2022 11:59

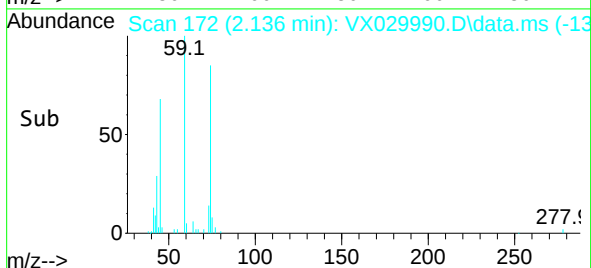
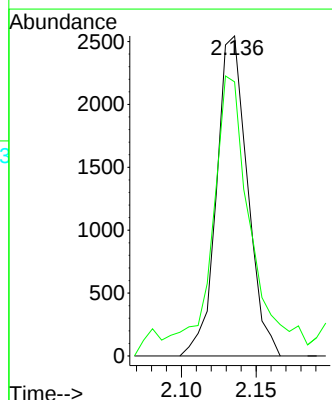
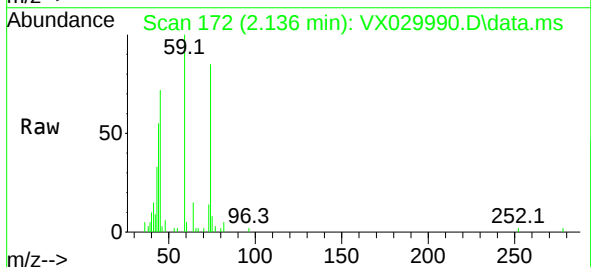
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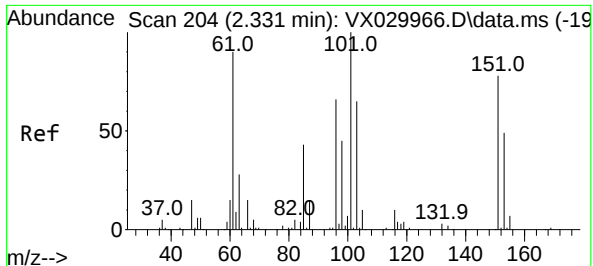
Tgt Ion:101 Resp: 8184
 Ion Ratio Lower Upper
 101 100
 103 67.3 49.6 74.4



#8
 Diethyl Ether
 Concen: 2.917 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX029990.D
 Acq: 11 Jul 2022 11:59

Tgt Ion: 74 Resp: 3655
 Ion Ratio Lower Upper
 74 100
 45 101.9 18.7 168.7

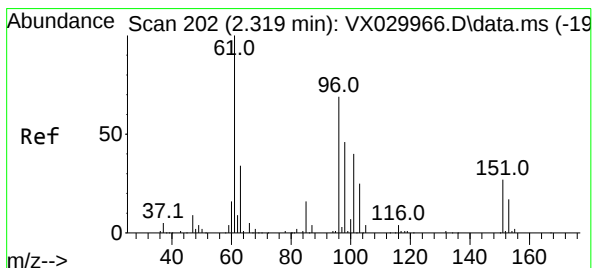
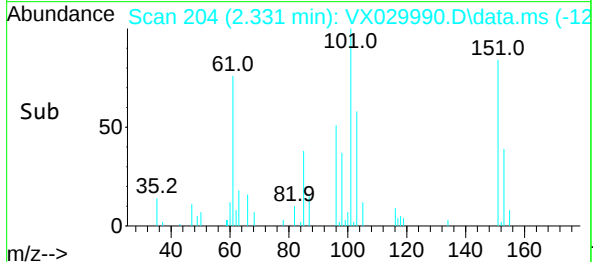
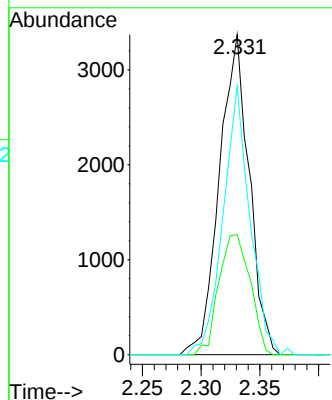
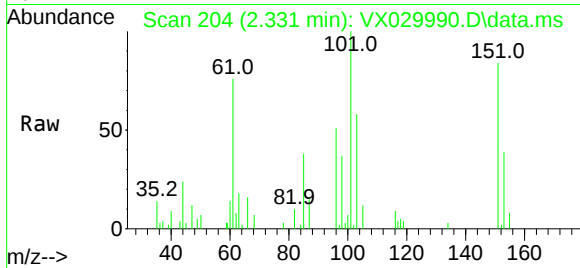




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.997 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX029990.D
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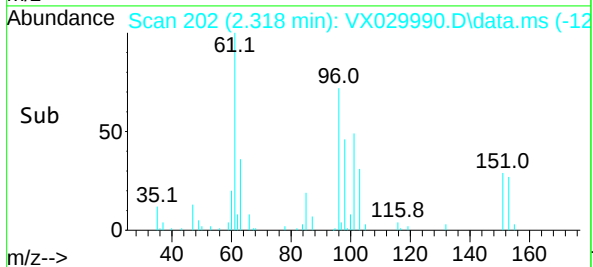
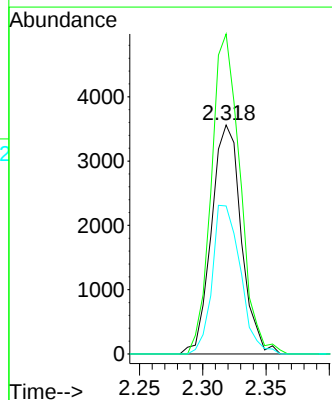
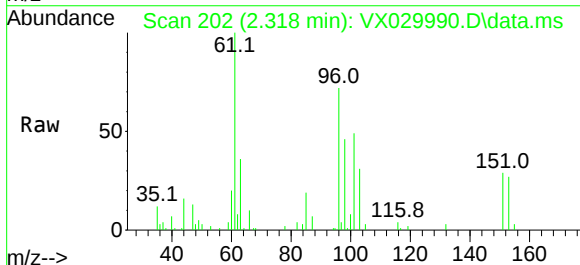
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2022

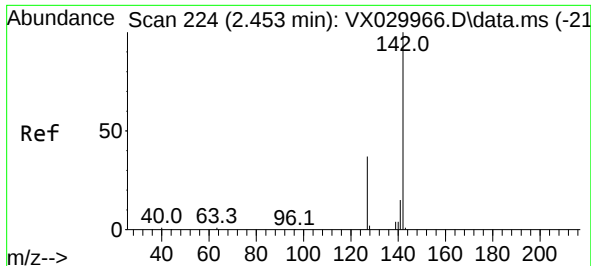
Tgt Ion:101 Resp: 5946
 Ion Ratio Lower Upper
 101 100
 85 39.5 0.0 84.6
 151 75.5 0.0 165.4



#10
 1,1-Dichloroethene
 Concen: 2.879 ug/l
 RT: 2.318 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX029990.D
 Acq: 11 Jul 2022 11:59

Tgt Ion: 96 Resp: 5832
 Ion Ratio Lower Upper
 96 100
 61 139.8 122.6 183.8
 98 64.7 50.1 75.1

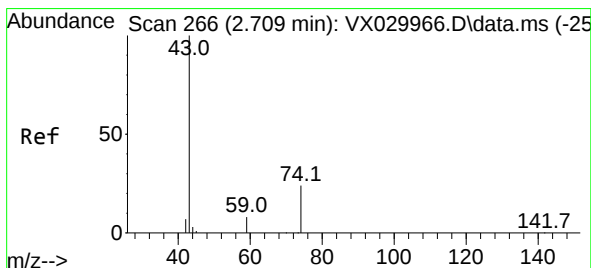
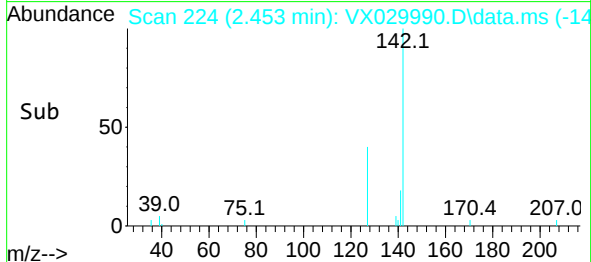
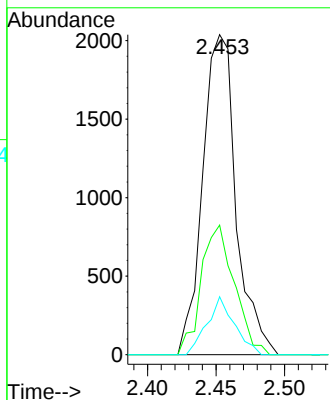
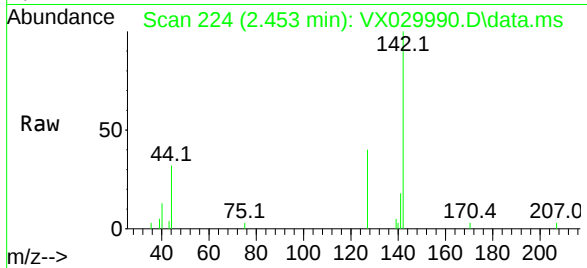




#11
Methyl Iodide
Concen: 10.291 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

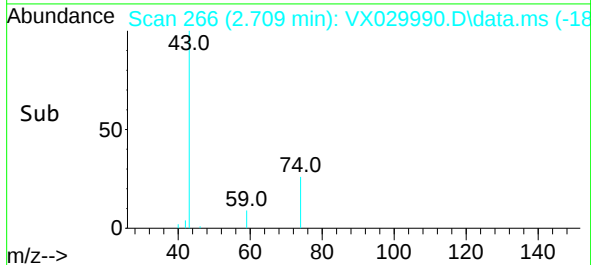
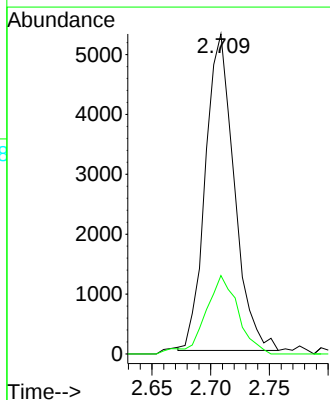
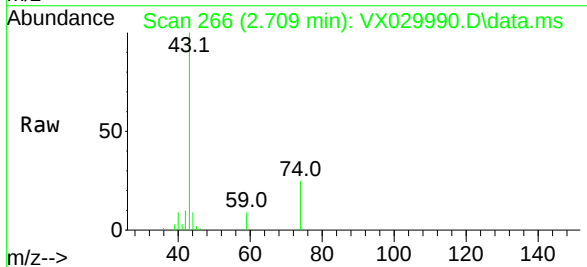
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022

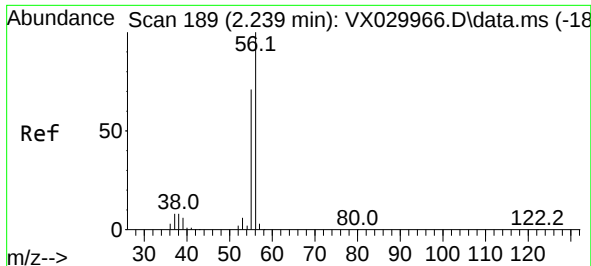
Tgt Ion:142 Resp: 3453
Ion Ratio Lower Upper
142 100
127 40.5 22.3 66.9
141 18.1 7.0 20.9



#12
Methyl Acetate
Concen: 2.740 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

Tgt Ion: 43 Resp: 9039
Ion Ratio Lower Upper
43 100
74 24.1 22.1 33.1

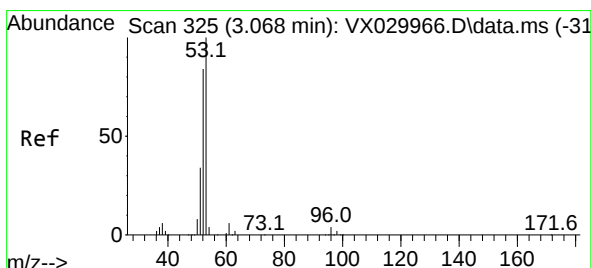
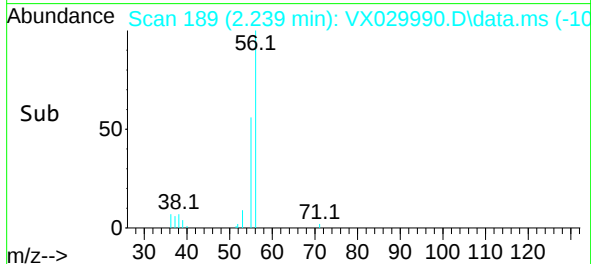
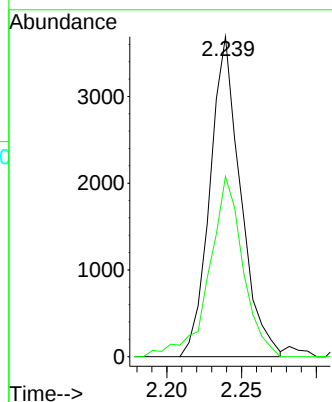
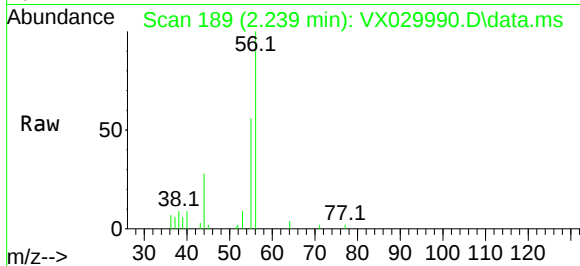




#13
Acrolein
Concen: 13.539 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

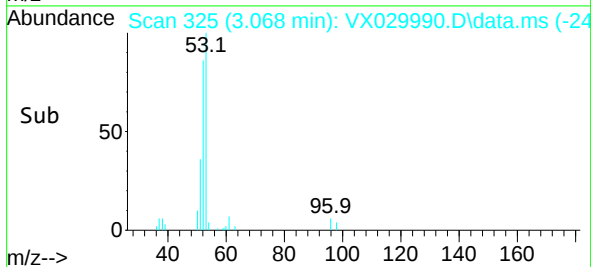
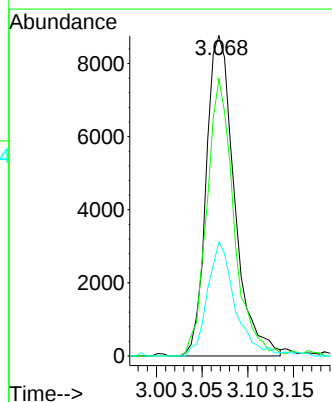
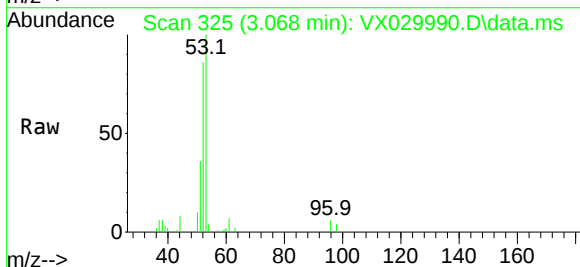
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022

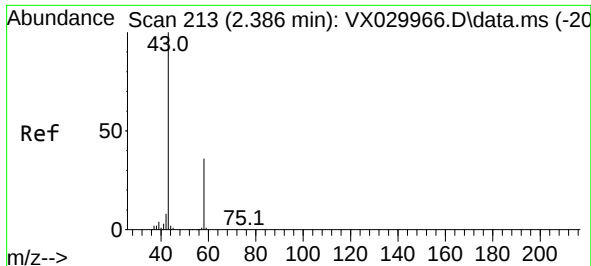
Tgt Ion: 56 Resp: 5247
Ion Ratio Lower Upper
56 100
55 61.8 56.4 84.6



#14
Acrylonitrile
Concen: 13.226 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

Tgt Ion: 53 Resp: 18779
Ion Ratio Lower Upper
53 100
52 83.0 41.5 124.5
51 34.4 18.1 54.4

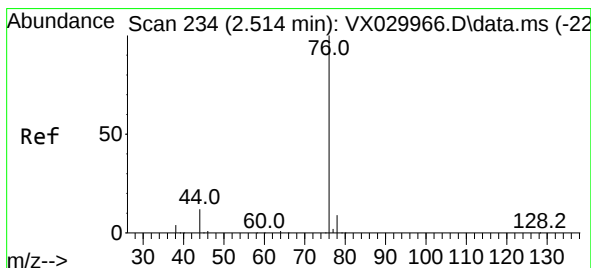
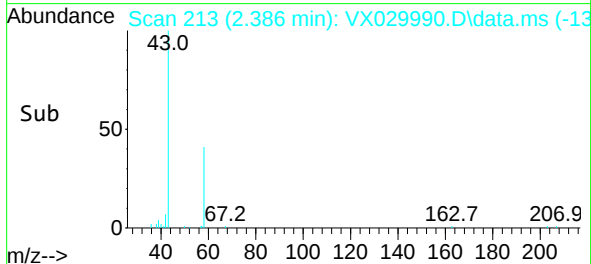
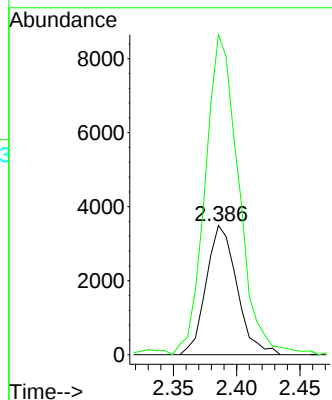
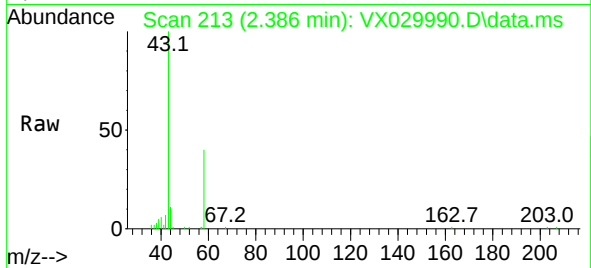




#15
Acetone
Concen: 15.293 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

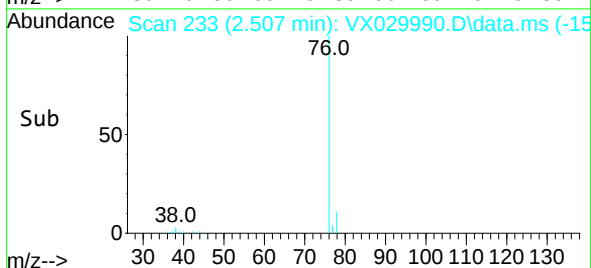
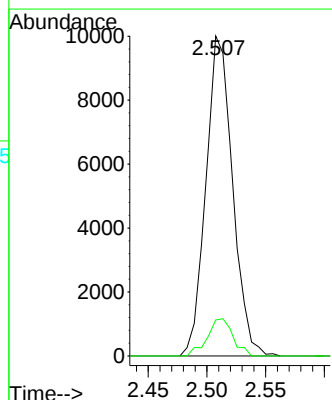
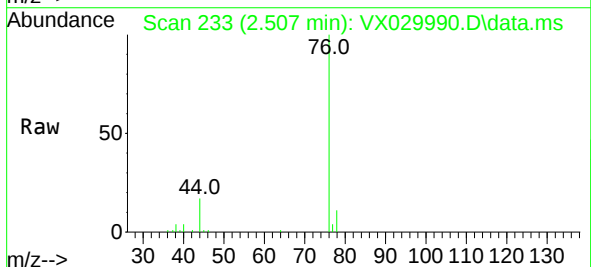
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2022

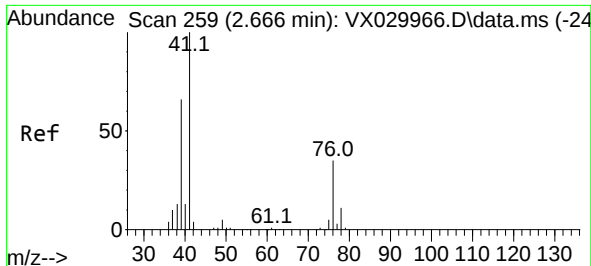
Tgt Ion: 58 Resp: 5898
Ion Ratio Lower Upper
58 100
43 241.9 250.2 375.2#



#16
Carbon Disulfide
Concen: 2.997 ug/l
RT: 2.507 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

Tgt Ion: 76 Resp: 15845
Ion Ratio Lower Upper
76 100
78 11.2 7.1 10.7#





#17

Allyl chloride

Concen: 2.823 ug/l

RT: 2.666 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX029990.D

Acq: 11 Jul 2022 11:59

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2022

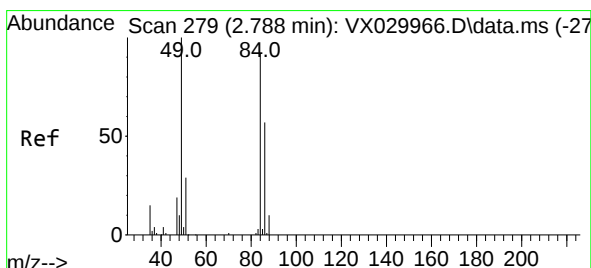
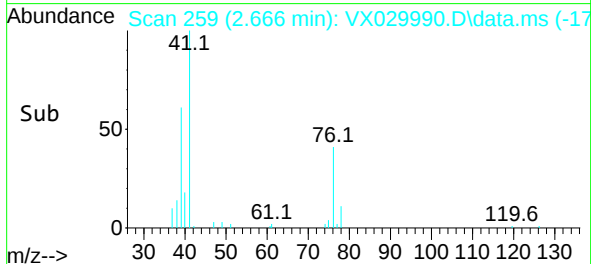
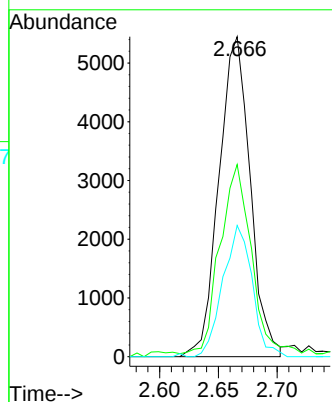
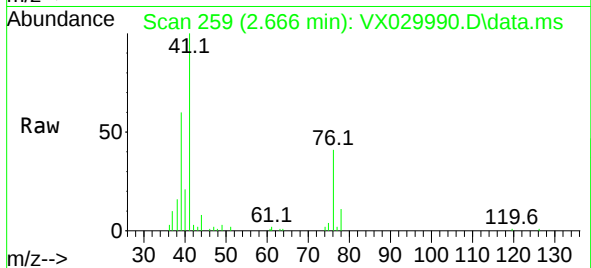
Tgt Ion: 41 Resp: 10077

Ion Ratio Lower Upper

41 100

39 59.1 35.4 106.1

76 40.0 18.4 55.4



#18

Methylene Chloride

Concen: 3.216 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX029990.D

Acq: 11 Jul 2022 11:59

Tgt Ion: 84 Resp: 7590

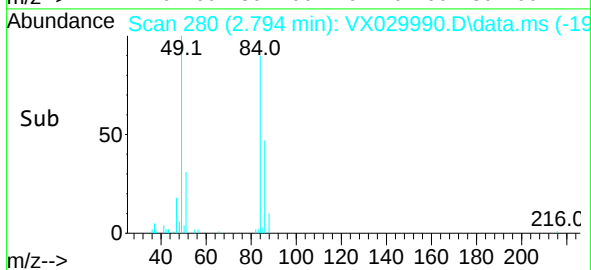
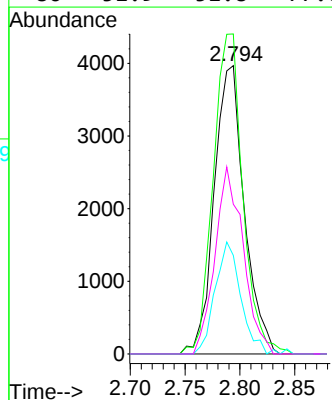
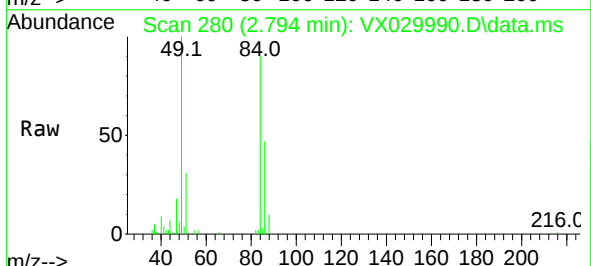
Ion Ratio Lower Upper

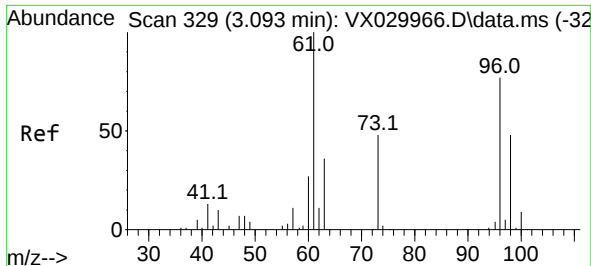
84 100

49 111.0 94.2 141.2

51 34.2 29.2 43.8

86 51.9 51.8 77.6

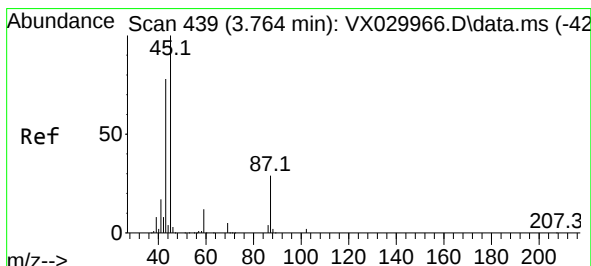
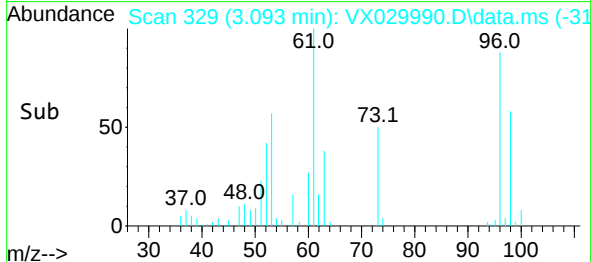
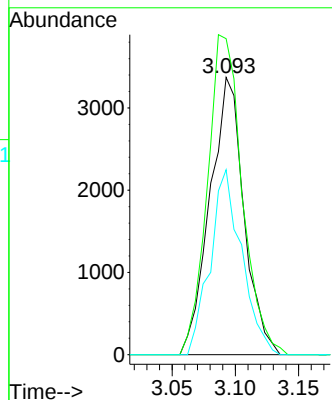
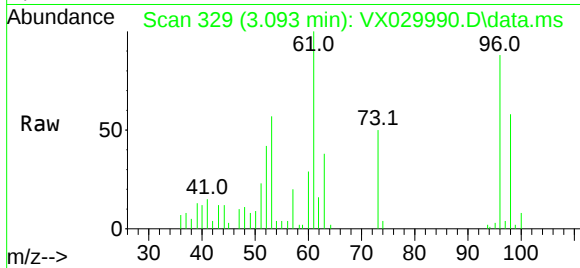




#19
trans-1,2-Dichloroethene
Concen: 2.868 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

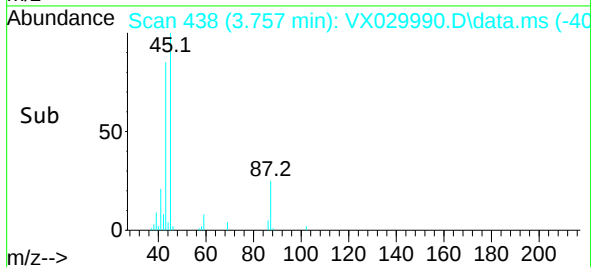
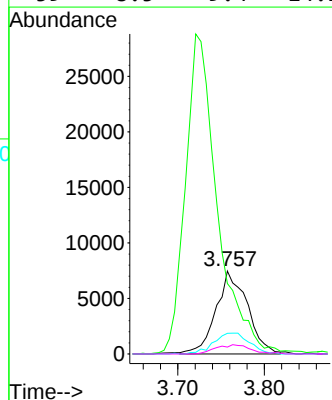
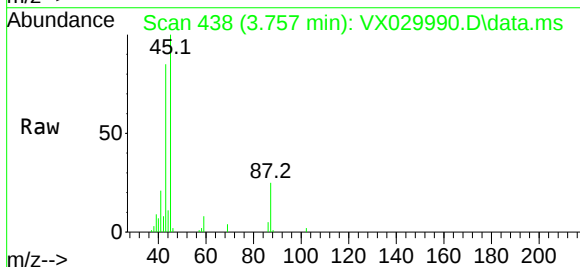
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2022

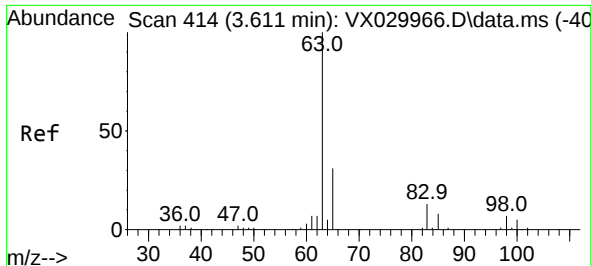
Tgt Ion: 96 Resp: 6304
Ion Ratio Lower Upper
96 100
61 114.0 108.7 163.1
98 66.7 49.2 73.8



#20
Diisopropyl ether
Concen: 2.620 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

Tgt Ion: 45 Resp: 18735
Ion Ratio Lower Upper
45 100
43 82.8 70.3 105.5
87 25.3 24.5 36.7
59 8.5 9.4 14.2

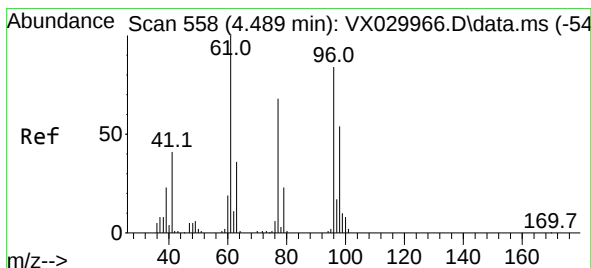
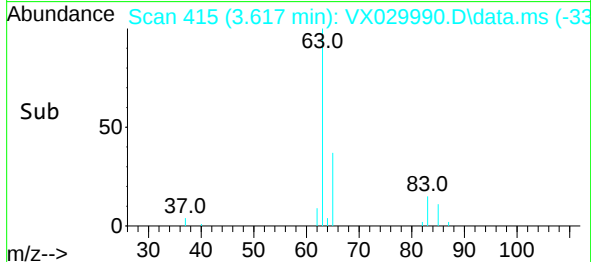
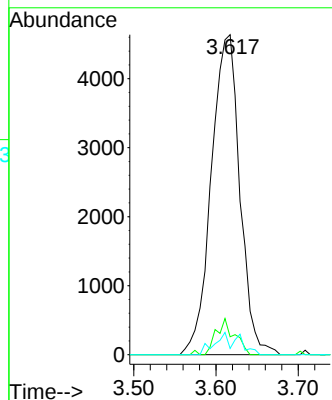
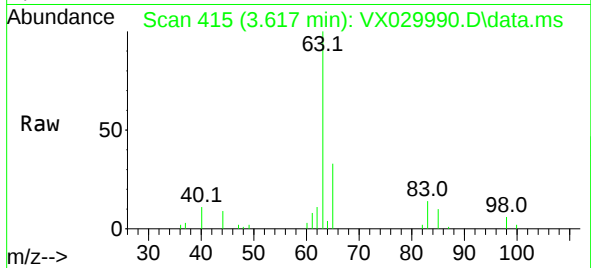




#21
1,1-Dichloroethane
Concen: 2.910 ug/l
RT: 3.617 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

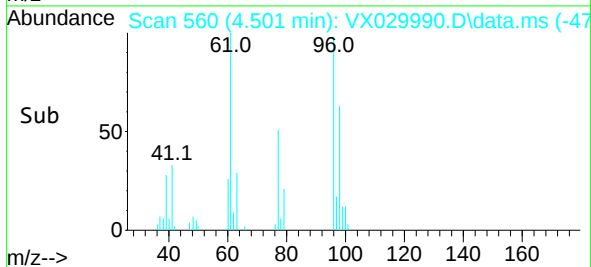
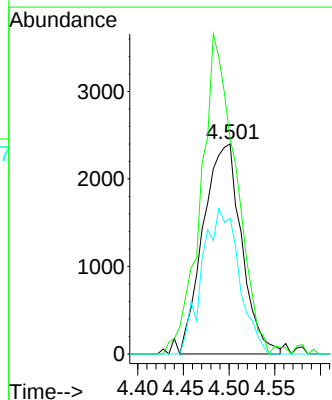
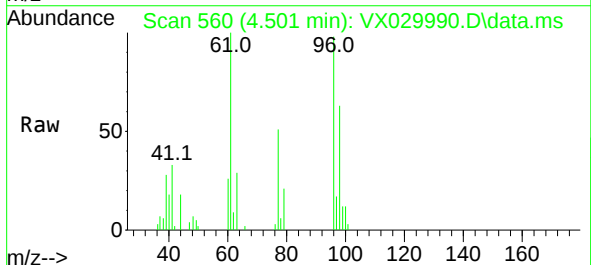
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022

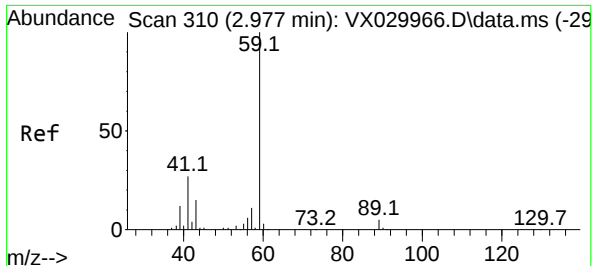
Tgt Ion: 63 Resp: 11201
Ion Ratio Lower Upper
63 100
98 5.6 3.8 11.2
100 1.9 2.5 7.5#



#22
cis-1,2-Dichloroethene
Concen: 2.684 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

Tgt Ion: 96 Resp: 7005
Ion Ratio Lower Upper
96 100
61 138.5 107.4 161.2
98 66.7 51.1 76.7





#23

tert-Butyl Alcohol

Concen: 12.595 ug/l

RT: 2.983 min Scan# 311

Delta R.T. 0.006 min

Lab File: VX029990.D

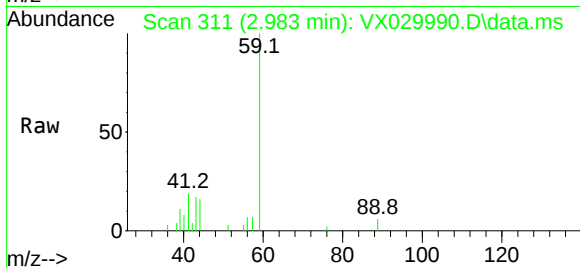
Acq: 11 Jul 2022 11:59

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2022

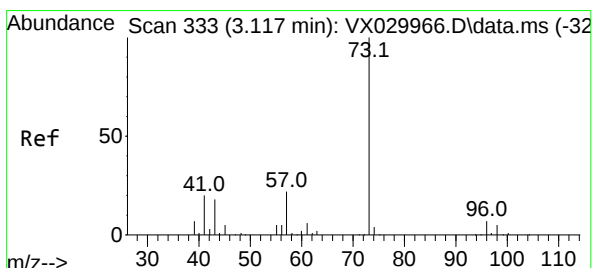
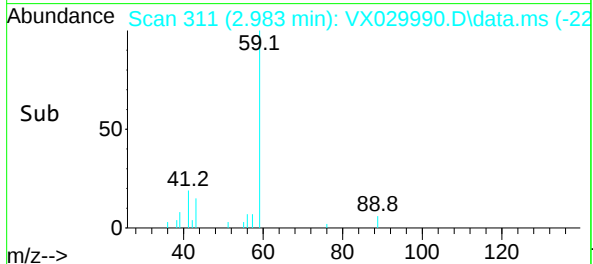
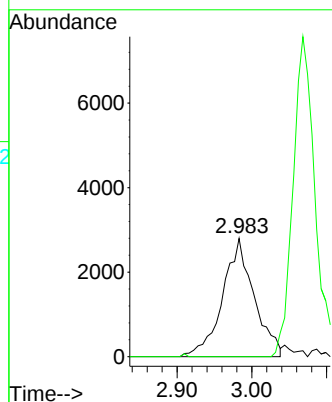


Tgt Ion: 59 Resp: 8192

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 2.598 ug/l

RT: 3.111 min Scan# 332

Delta R.T. -0.006 min

Lab File: VX029990.D

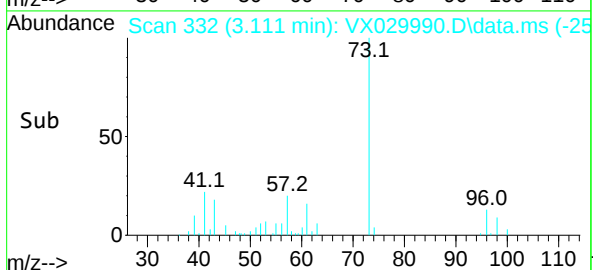
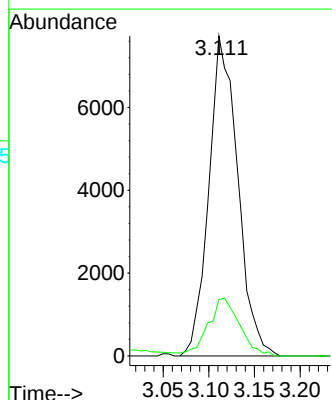
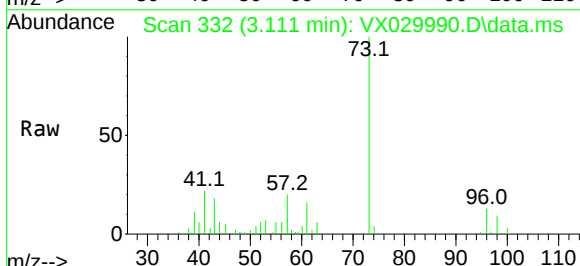
Acq: 11 Jul 2022 11:59

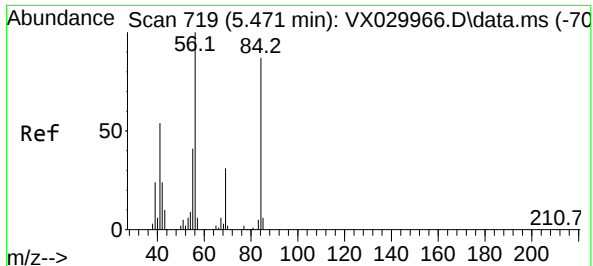
Tgt Ion: 73 Resp: 16976

Ion Ratio Lower Upper

73 100

43 19.7 16.0 24.0

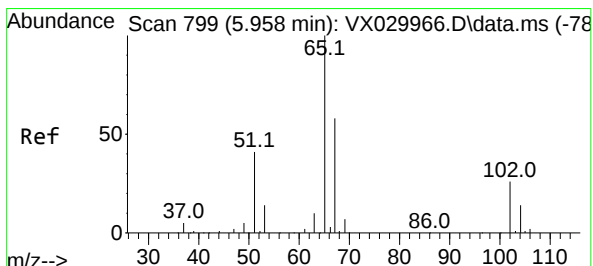
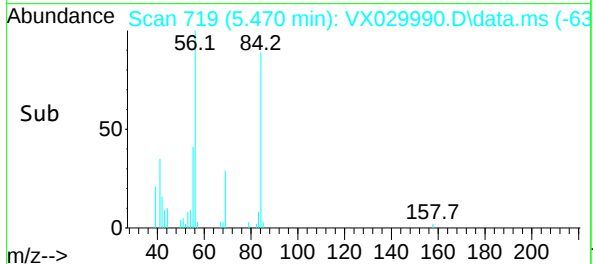
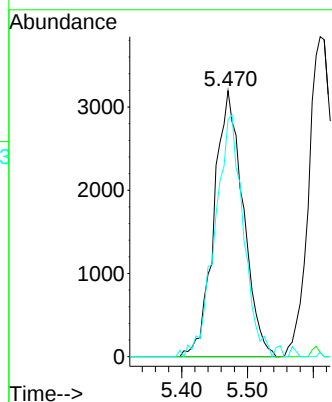
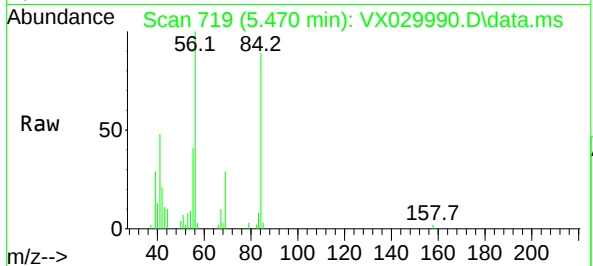




#26
Cyclohexane
Concen: 2.756 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

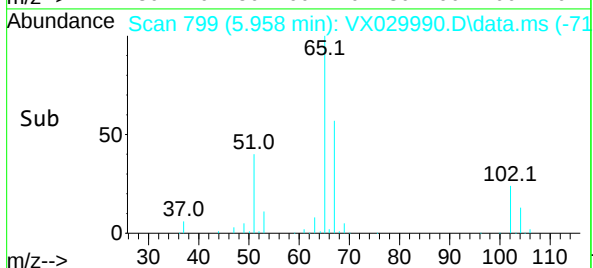
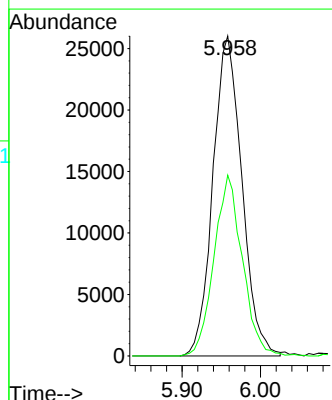
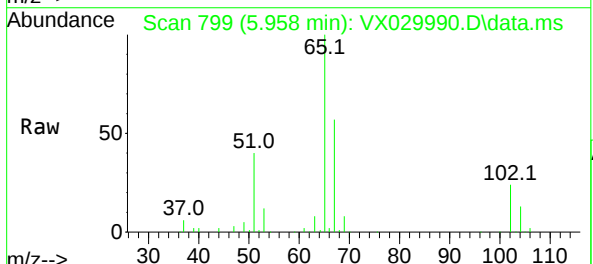
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2022

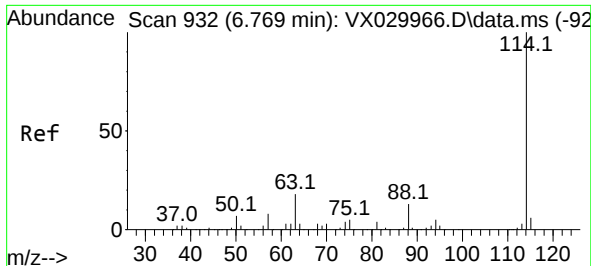
Tgt Ion: 56 Resp: 9829
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.3 76.2 114.2



#27
1,2-Dichloroethane-d4
Concen: 28.468 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

Tgt Ion: 65 Resp: 66770
Ion Ratio Lower Upper
65 100
67 55.2 42.3 63.5





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX029990.D

Acq: 11 Jul 2022 11:59

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2022

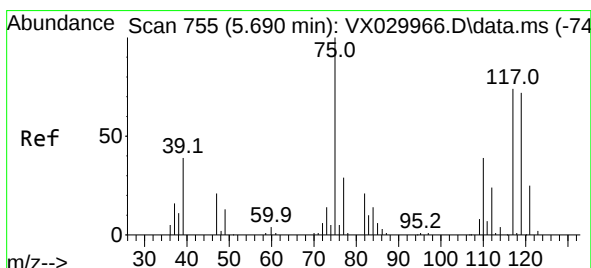
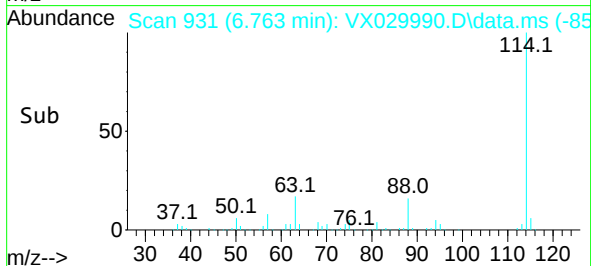
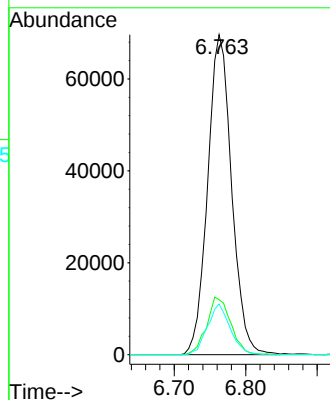
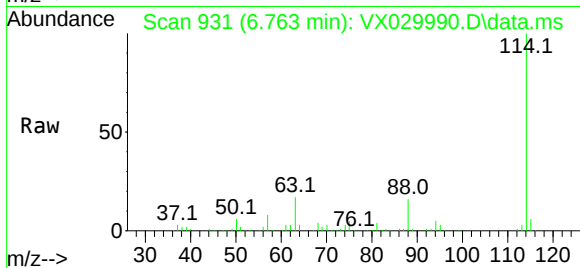
Tgt Ion:114 Resp: 162359

Ion Ratio Lower Upper

114 100

63 18.0 15.3 22.9

88 15.0 12.2 18.4



#29

1,1-Dichloropropene

Concen: 1.226 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX029990.D

Acq: 11 Jul 2022 11:59

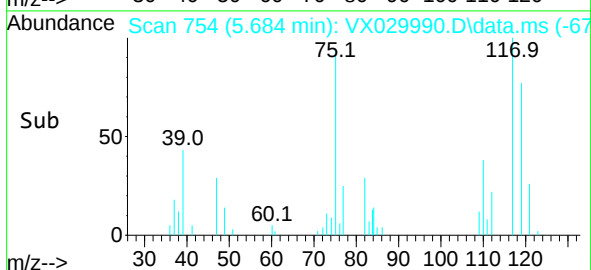
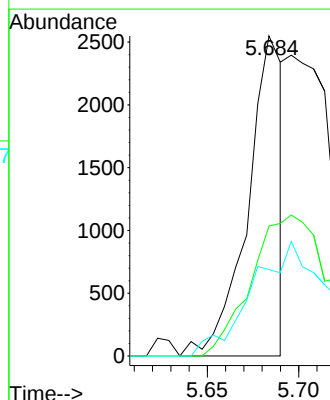
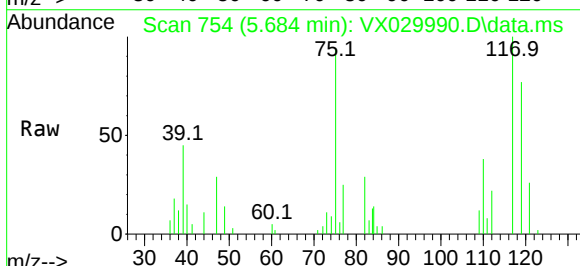
Tgt Ion: 75 Resp: 3405

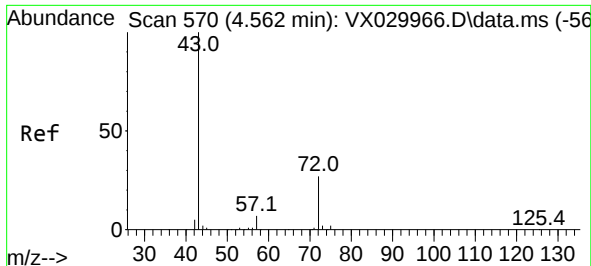
Ion Ratio Lower Upper

75 100

110 0.0 0.0 73.6

77 30.0 0.0 62.2

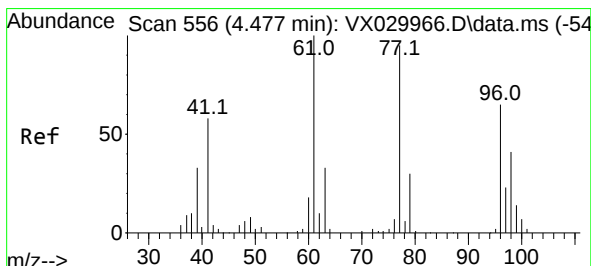
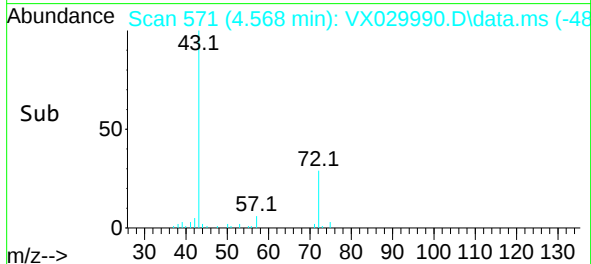
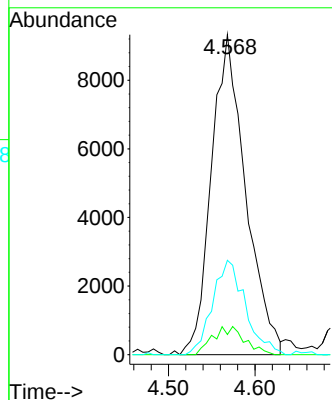
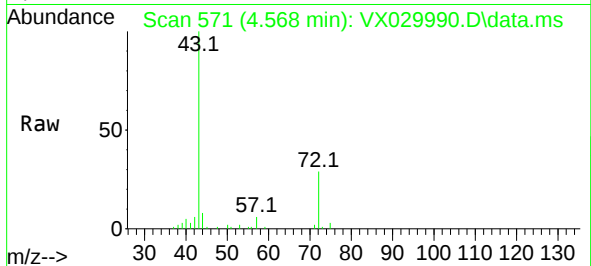




#30
2-Butanone
Concen: 13.685 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

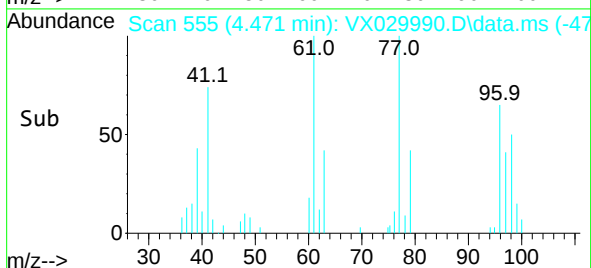
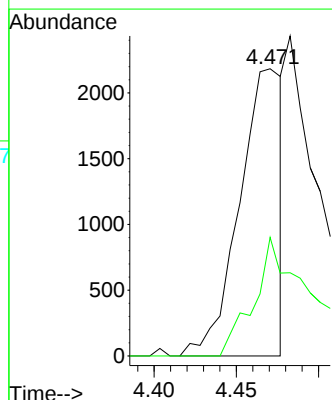
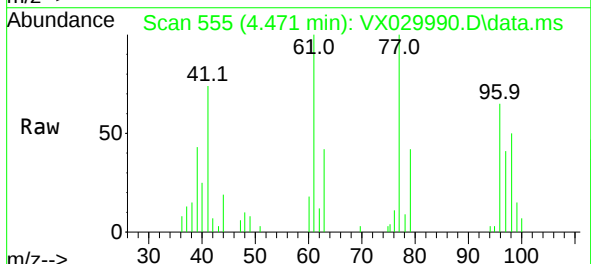
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022

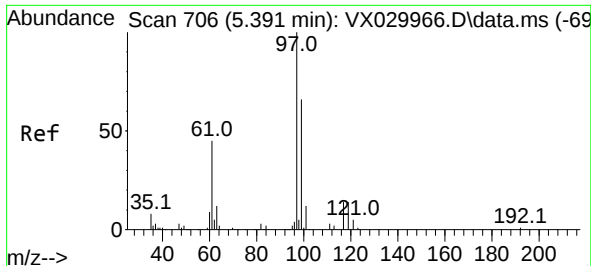
Tgt Ion: 43 Resp: 25656
Ion Ratio Lower Upper
43 100
57 4.0 6.6 10.0#
72 28.2 22.1 33.1



#31
2,2-Dichloropropane
Concen: 1.491 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

Tgt Ion: 77 Resp: 3959
Ion Ratio Lower Upper
77 100
97 25.9 18.4 27.6

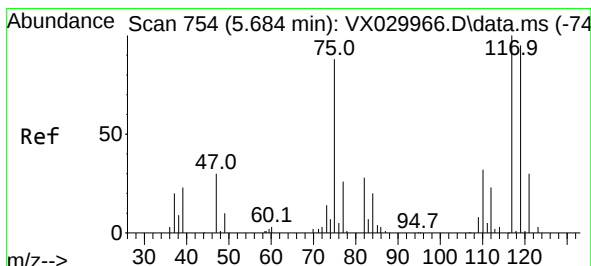
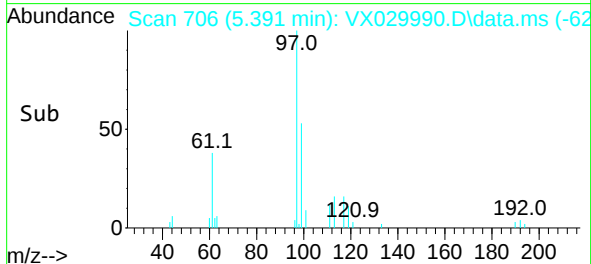
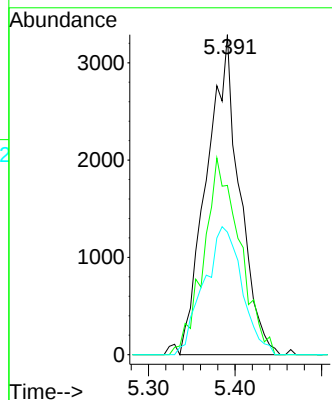
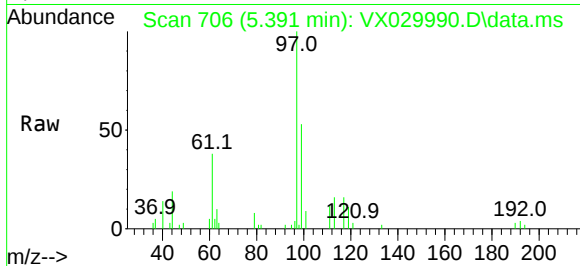




#32
1,1,1-Trichloroethane
Concen: 2.905 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

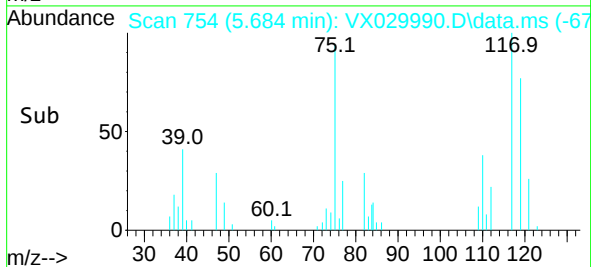
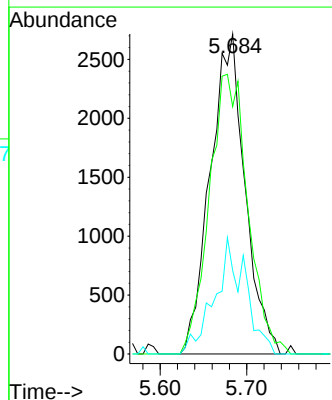
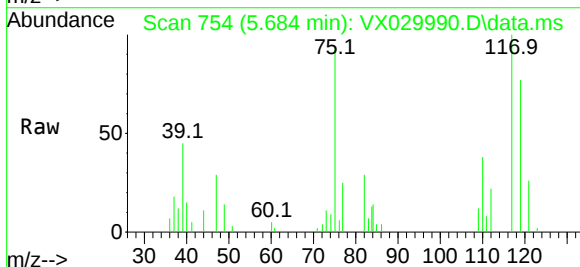
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2022

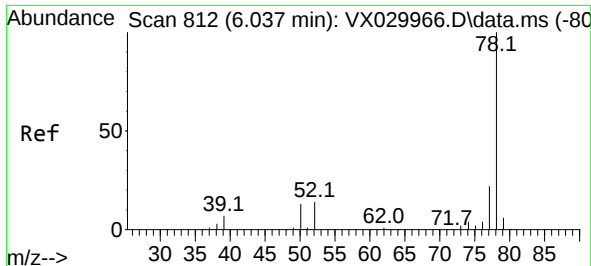
Tgt Ion:	97	Resp:	8676
Ion	Ratio	Lower	Upper
97	100		
99	67.1	51.8	77.8
61	46.1	33.4	50.0



#33
Carbon Tetrachloride
Concen: 3.019 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

Tgt Ion:	117	Resp:	7572
Ion	Ratio	Lower	Upper
117	100		
119	77.3	75.3	112.9
121	26.1	24.1	36.1





#34

Benzene

Concen: 2.852 ug/l

RT: 6.043 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX029990.D

Acq: 11 Jul 2022 11:59

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2022

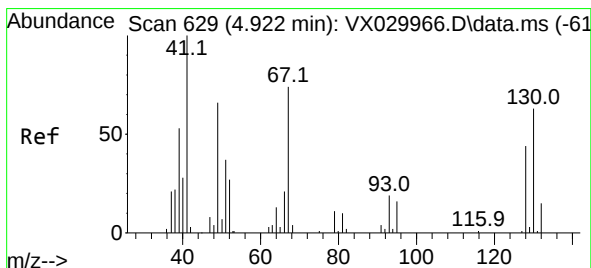
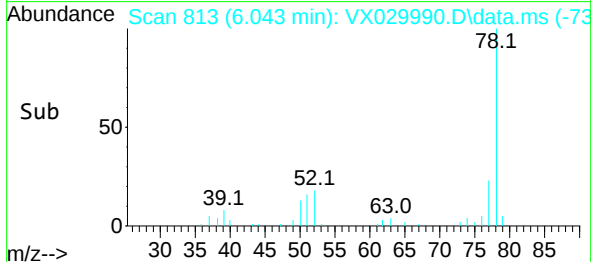
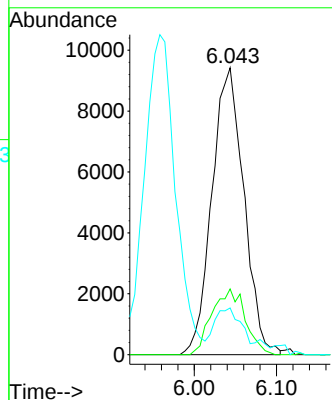
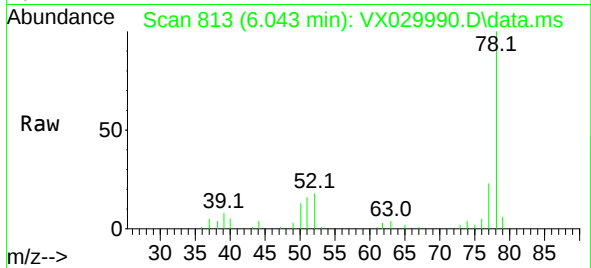
Tgt Ion: 78 Resp: 25454

Ion Ratio Lower Upper

78 100

77 22.9 18.5 27.7

51 13.1 12.9 19.3



#35

Methacrylonitrile

Concen: 1.347 ug/l

RT: 4.928 min Scan# 630

Delta R.T. 0.006 min

Lab File: VX029990.D

Acq: 11 Jul 2022 11:59

Tgt Ion: 41 Resp: 2556

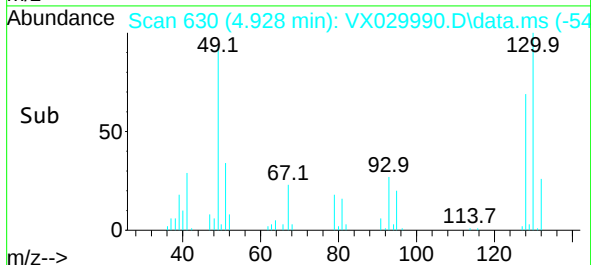
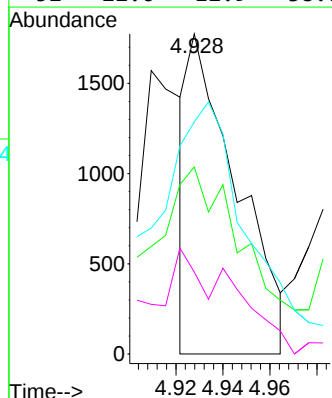
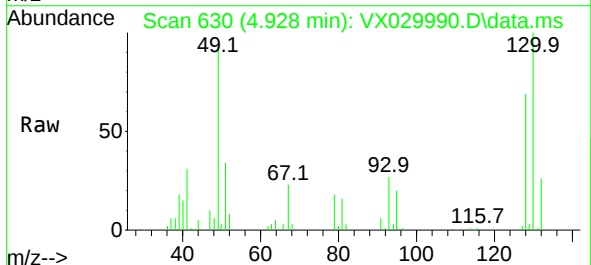
Ion Ratio Lower Upper

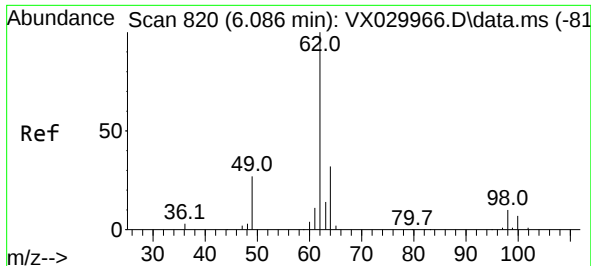
41 100

39 51.4 27.0 81.0

67 62.1 33.3 99.8

52 22.6 12.9 38.7





#36

1,2-Dichloroethane

Concen: 2.729 ug/l

RT: 6.098 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX029990.D

Acq: 11 Jul 2022 11:59

Instrument :

MSVOA_X

ClientSampleId :

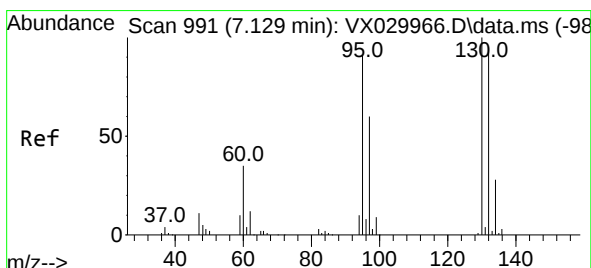
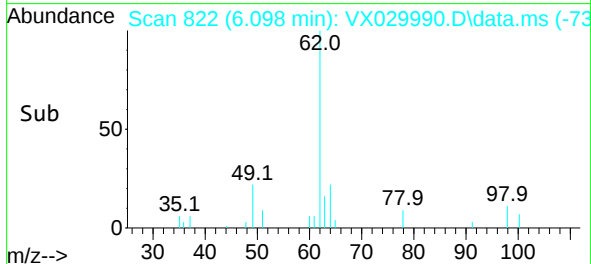
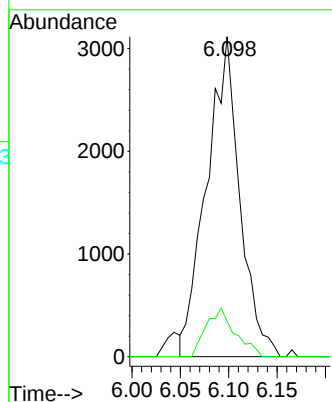
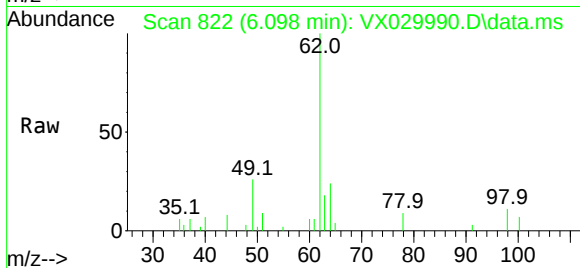
MDL-WATER-03-QT2-2022

Tgt Ion: 62 Resp: 7416

Ion Ratio Lower Upper

62 100

98 13.3 7.4 11.0#



#37

Trichloroethene

Concen: 3.029 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX029990.D

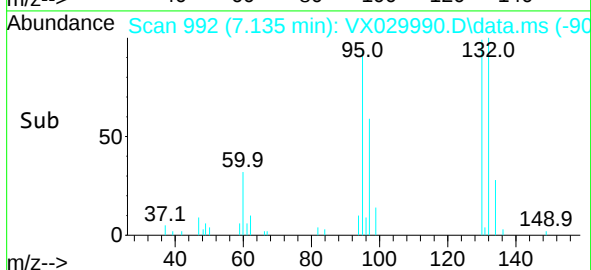
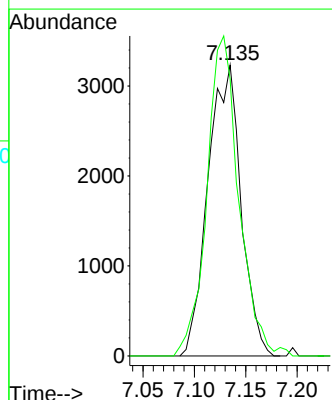
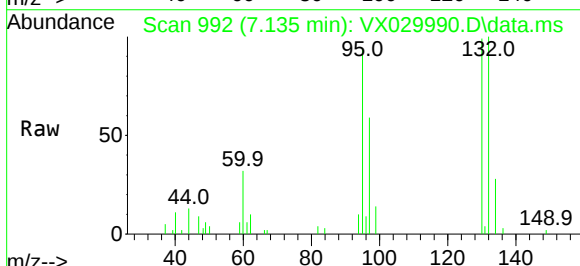
Acq: 11 Jul 2022 11:59

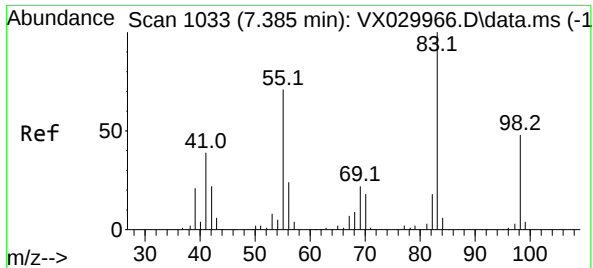
Tgt Ion:130 Resp: 7230

Ion Ratio Lower Upper

130 100

95 92.3 76.5 114.7

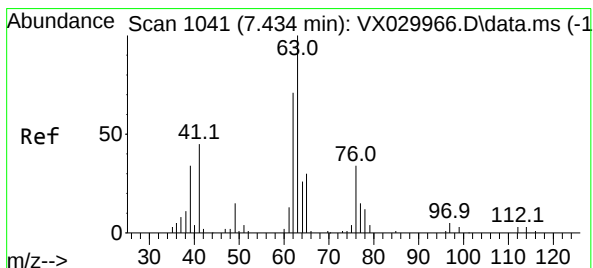
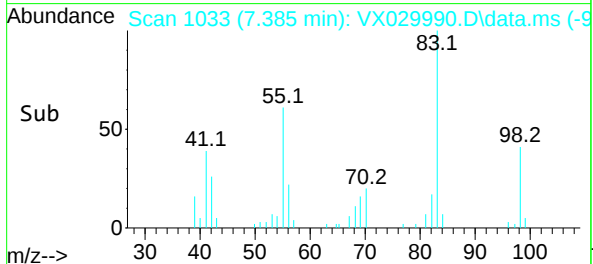
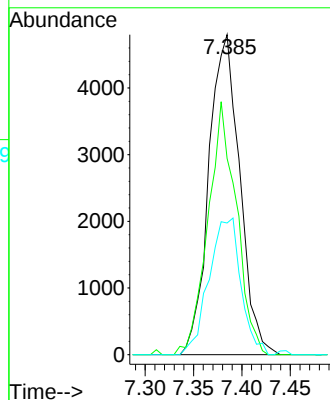
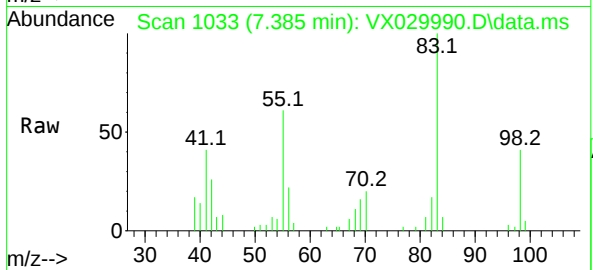




#38
Methylcyclohexane
Concen: 2.958 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

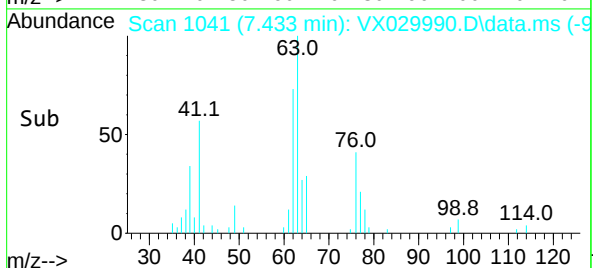
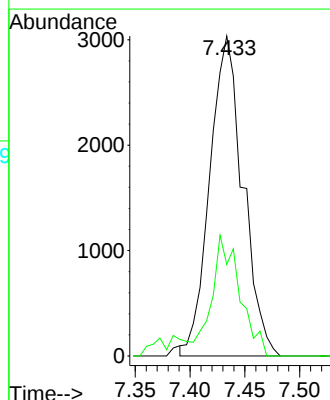
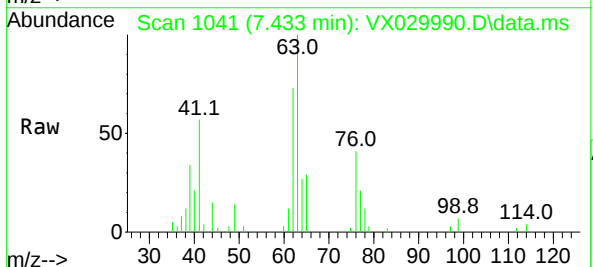
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022

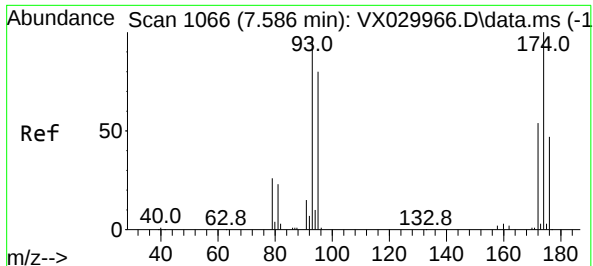
Tgt Ion: 83 Resp: 10659
Ion Ratio Lower Upper
83 100
55 72.6 37.0 110.9
98 44.2 25.9 77.8



#39
1,2-Dichloropropane
Concen: 2.816 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

Tgt Ion: 63 Resp: 6397
Ion Ratio Lower Upper
63 100
65 28.6 25.4 38.2

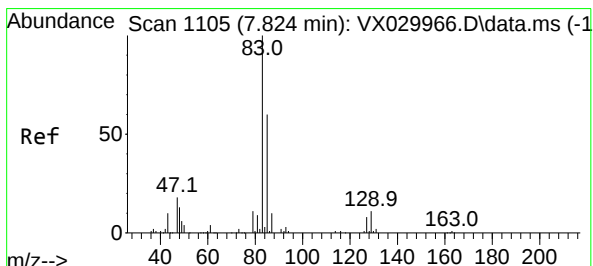
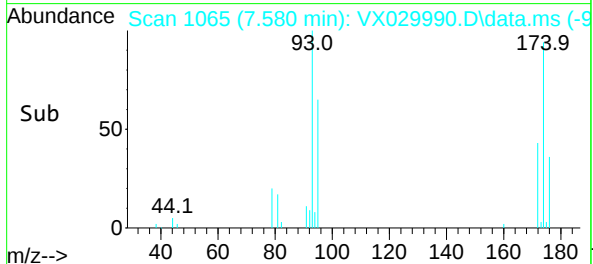
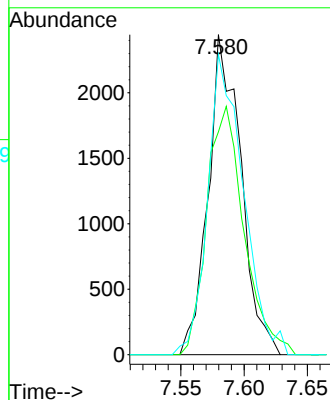
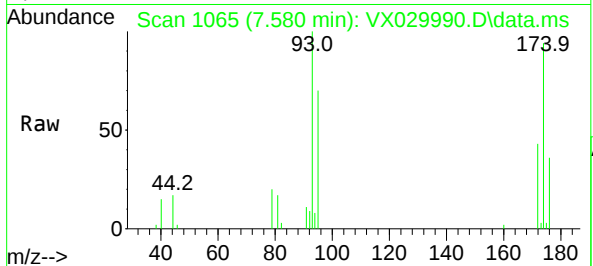




#40
Dibromomethane
Concen: 2.848 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

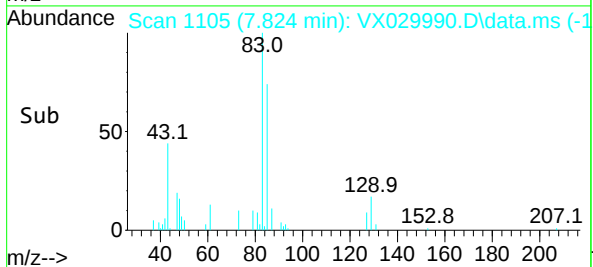
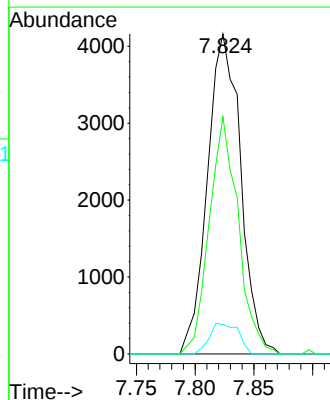
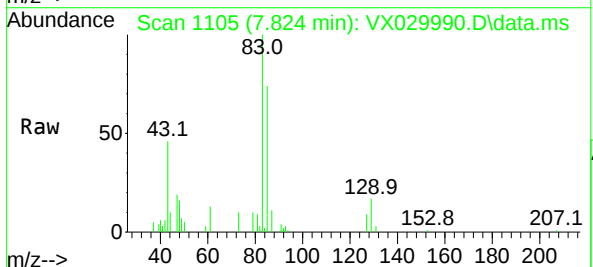
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022

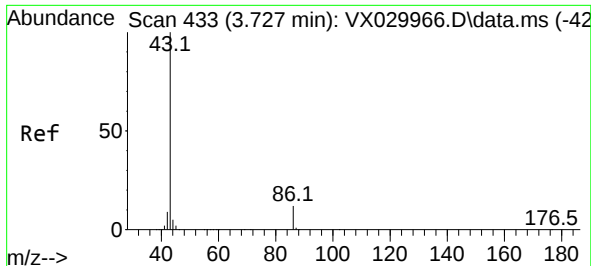
Tgt Ion: 93	Resp:	4386	
Ion	Ratio	Lower	Upper
93	100		
95	88.6	0.0	168.8
174	100.8	0.0	220.8



#41
Bromodichloromethane
Concen: 2.972 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

Tgt Ion: 83	Resp:	8176	
Ion Ratio	Lower	Upper	
83	100		
85	74.1	50.6	75.8
127	9.2	7.0	10.6

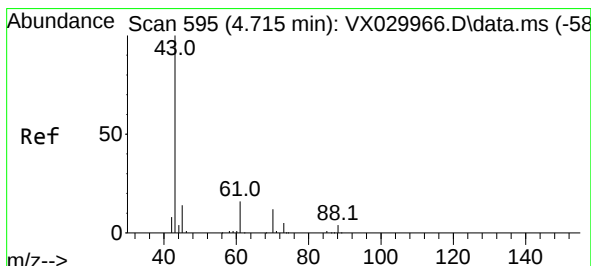
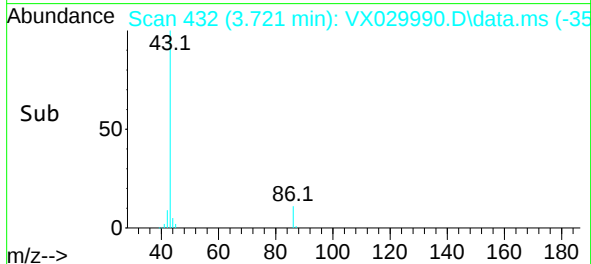
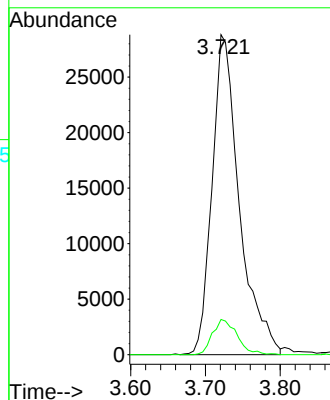
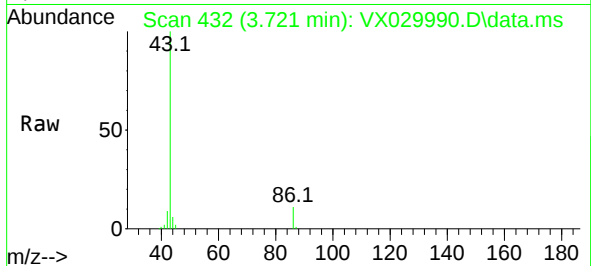




#42
 Vinyl Acetate
 Concen: 12.197 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX029990.D
 Acq: 11 Jul 2022 11:59

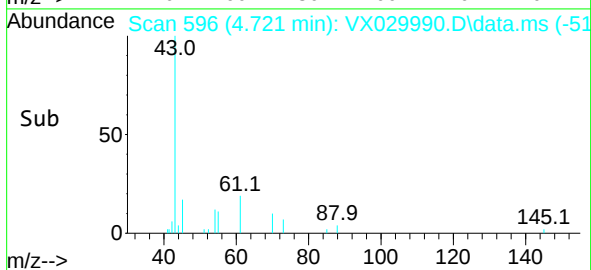
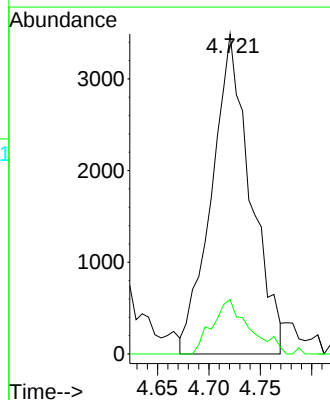
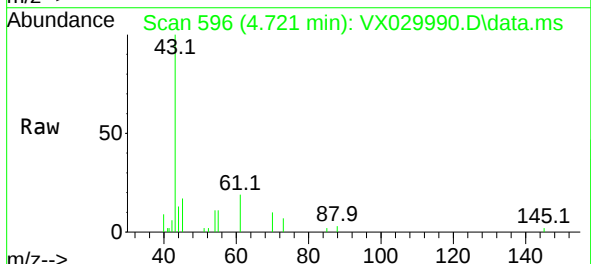
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2022

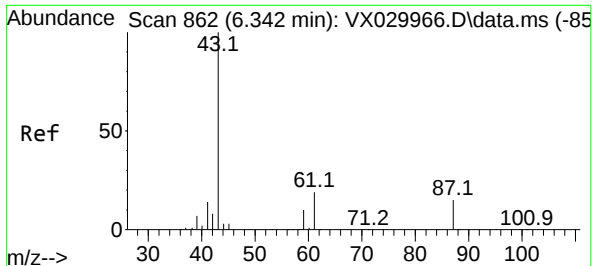
Tgt Ion: 43 Resp: 73124
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.5 12.7



#43
 Ethyl Acetate
 Concen: 2.612 ug/l
 RT: 4.721 min Scan# 596
 Delta R.T. 0.006 min
 Lab File: VX029990.D
 Acq: 11 Jul 2022 11:59

Tgt Ion: 43 Resp: 9224
 Ion Ratio Lower Upper
 43 100
 45 15.0 11.8 17.6

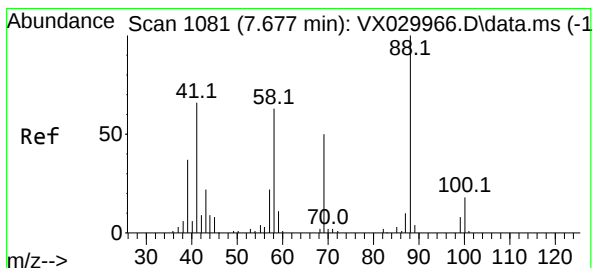
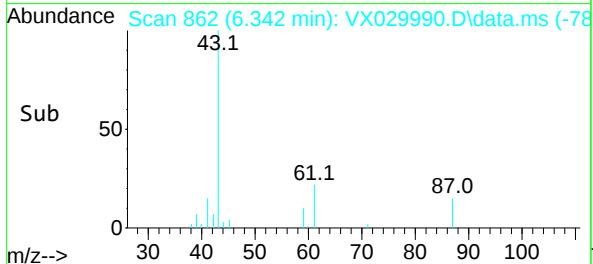
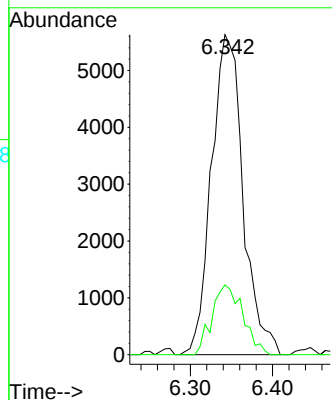
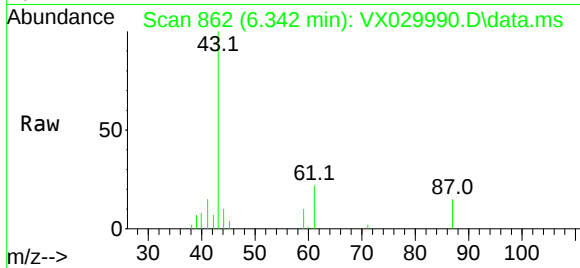




#44
Isopropyl Acetate
Concen: 2.804 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

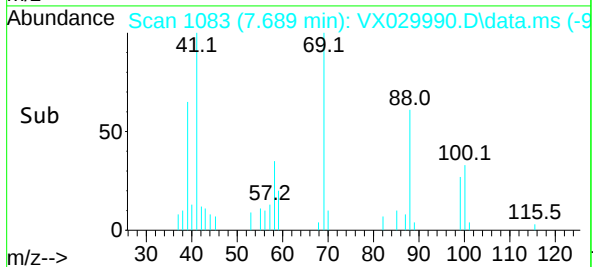
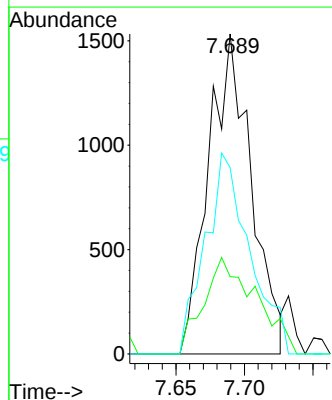
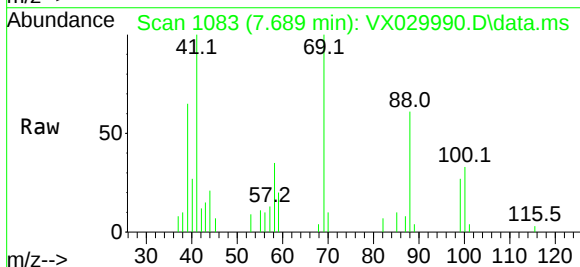
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2022

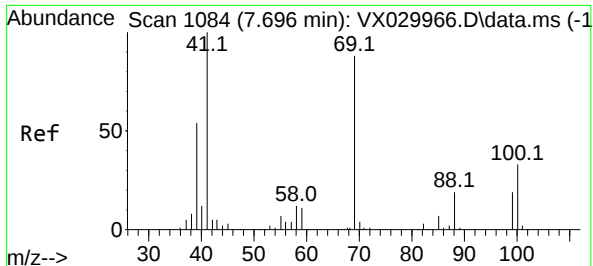
Tgt Ion: 43 Resp: 15043
Ion Ratio Lower Upper
43 100
61 21.3 17.0 25.4



#45
1,4-Dioxane
Concen: 52.782 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.012 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

Tgt Ion: 88 Resp: 3324
Ion Ratio Lower Upper
88 100
43 36.9 25.8 38.6
58 65.1 54.8 82.2

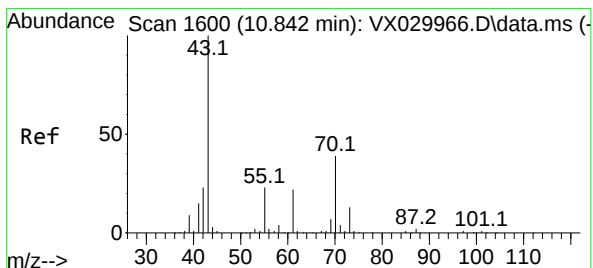
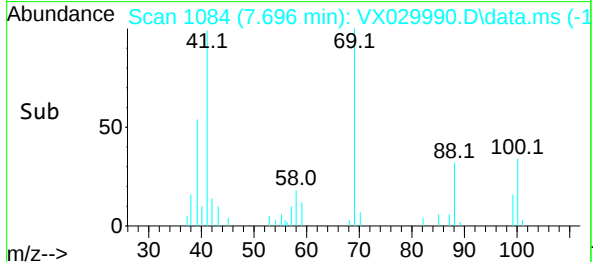
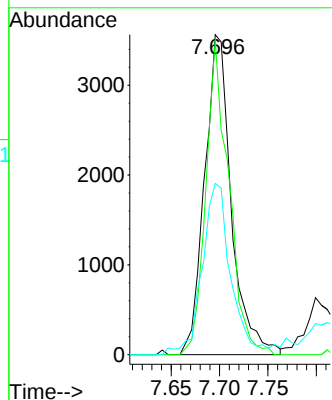
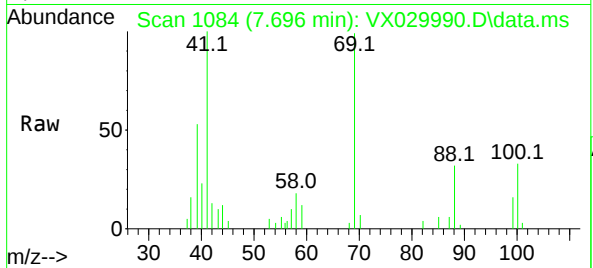




#46
Methyl methacrylate
Concen: 2.698 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

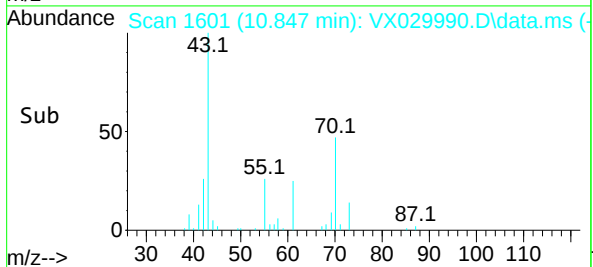
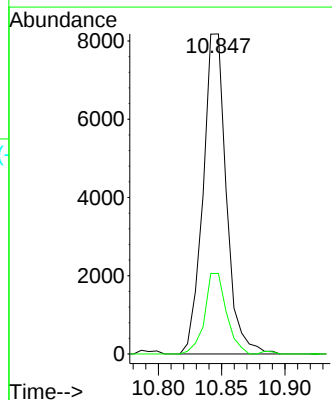
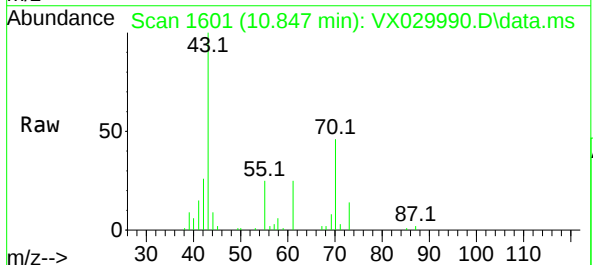
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2022

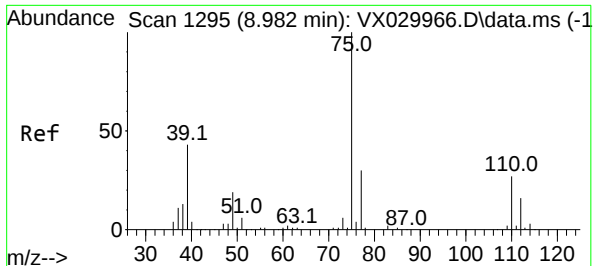
Tgt Ion: 41 Resp: 6858
Ion Ratio Lower Upper
41 100
69 98.5 41.9 125.8
39 51.4 27.5 82.5



#47
n-amyl Acetate
Concen: 2.281 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

Tgt Ion: 43 Resp: 10510
Ion Ratio Lower Upper
43 100
55 23.7 20.4 30.6





#48

t-1,3-Dichloropropene

Concen: 2.790 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX029990.D

Acq: 11 Jul 2022 11:59

Instrument :

MSVOA_X

ClientSampleId :

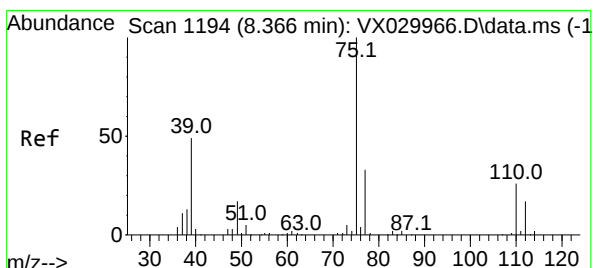
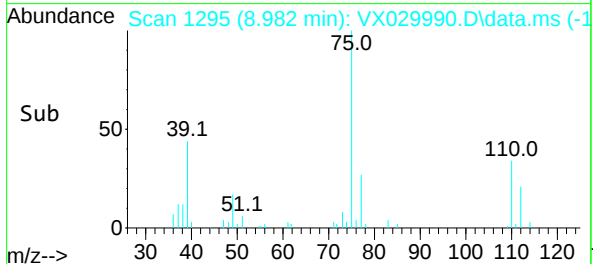
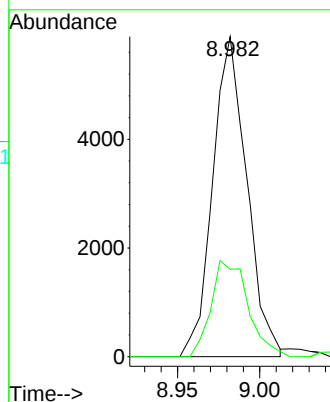
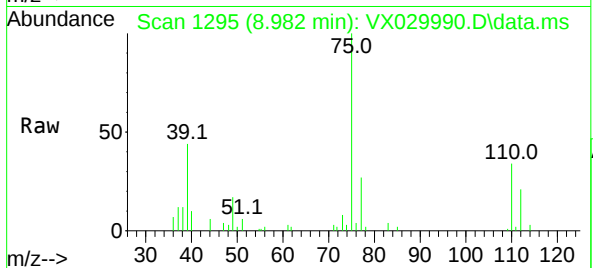
MDL-WATER-03-QT2-2022

Tgt Ion: 75 Resp: 8481

Ion Ratio Lower Upper

75 100

77 27.3 26.6 40.0



#49

cis-1,3-Dichloropropene

Concen: 2.911 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX029990.D

Acq: 11 Jul 2022 11:59

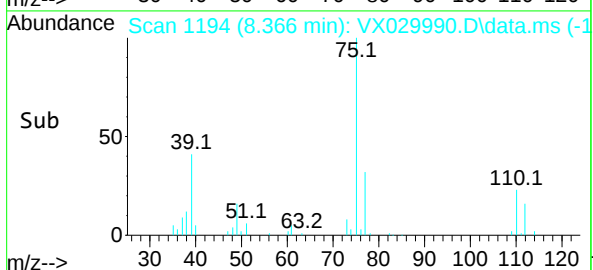
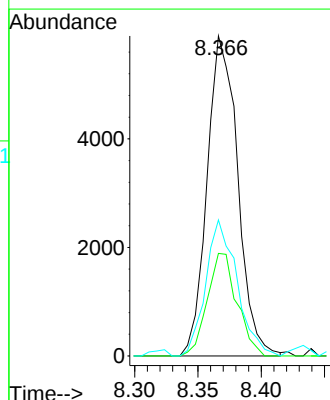
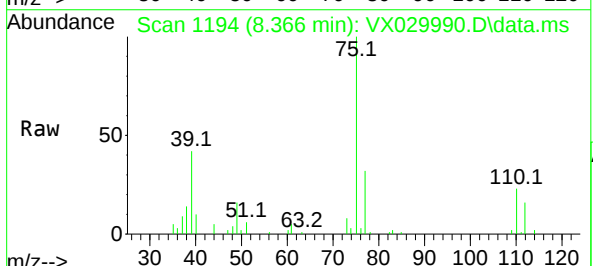
Tgt Ion: 75 Resp: 9939

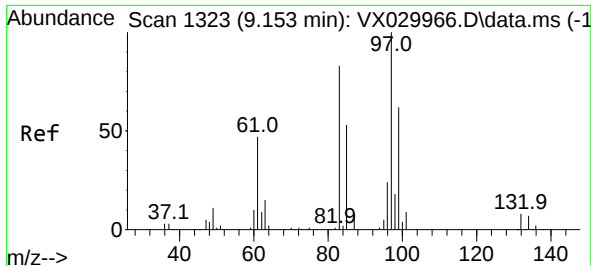
Ion Ratio Lower Upper

75 100

77 32.4 25.2 37.8

39 42.9 37.4 56.0

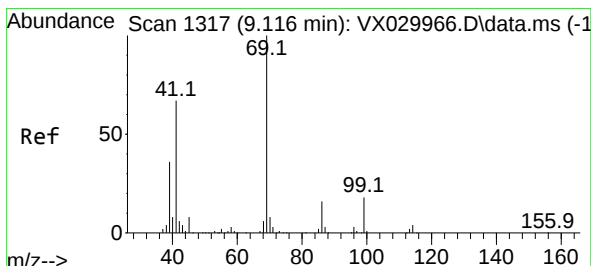
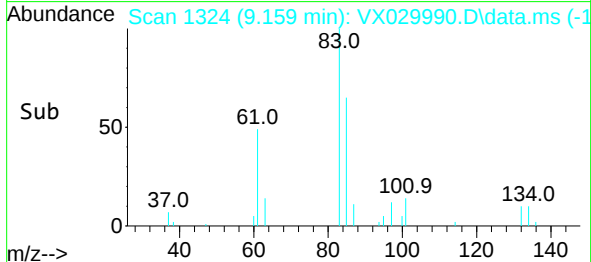
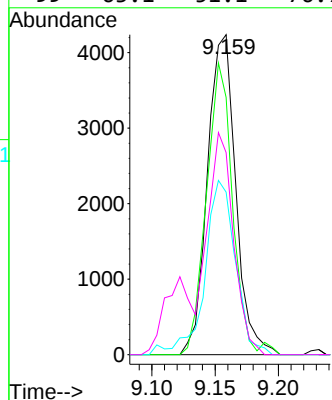
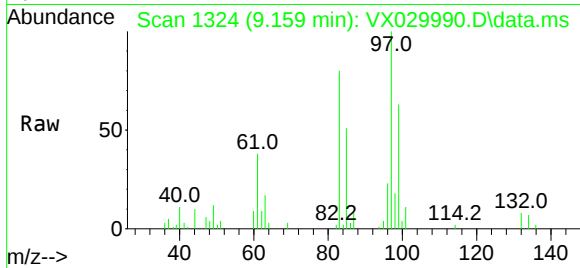




#50
1,1,2-Trichloroethane
Concen: 2.891 ug/l
RT: 9.159 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

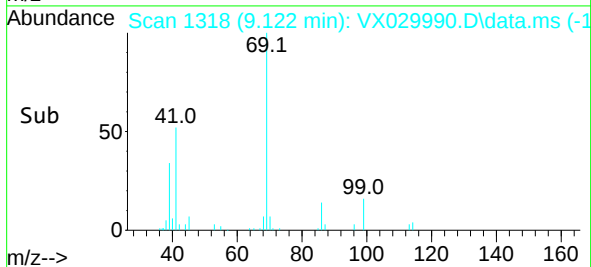
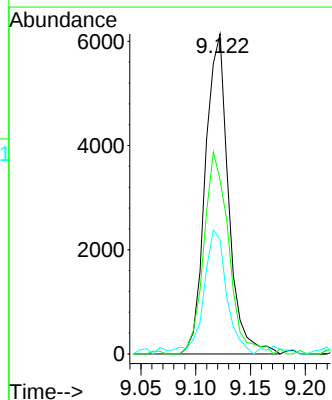
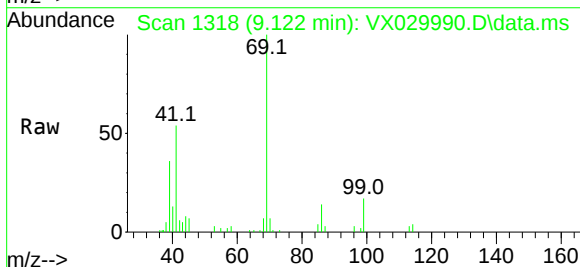
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022

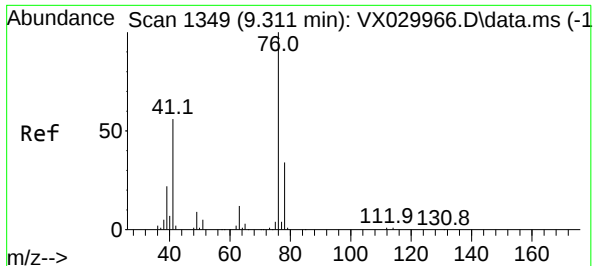
Tgt Ion: 97	Resp: 6597
Ion Ratio	Lower Upper
97 100	
83 80.4	66.2 99.4
85 50.8	40.4 60.6
99 63.1	51.1 76.7



#51
Ethyl methacrylate
Concen: 2.536 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

Tgt Ion: 69	Resp: 9003
Ion Ratio	Lower Upper
69 100	
41 54.4	32.1 96.5
39 34.3	18.3 54.9





#52

1,3-Dichloropropane

Concen: 2.796 ug/l

RT: 9.311 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX029990.D

Acq: 11 Jul 2022 11:59

Instrument :

MSVOA_X

ClientSampleId :

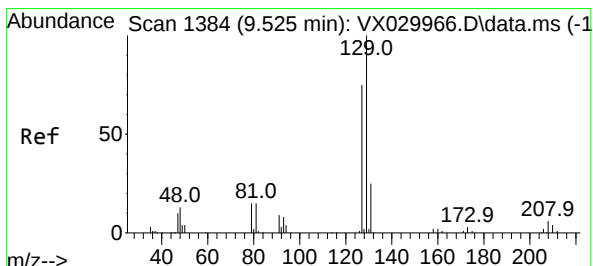
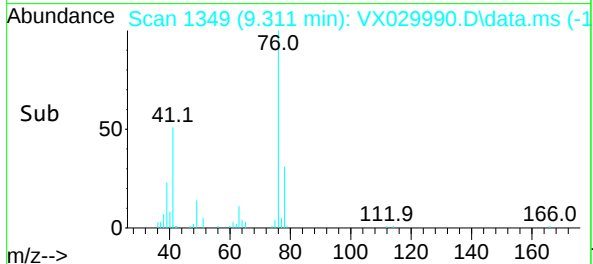
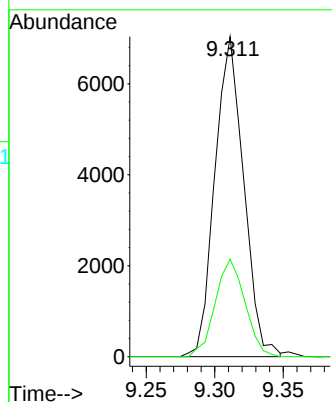
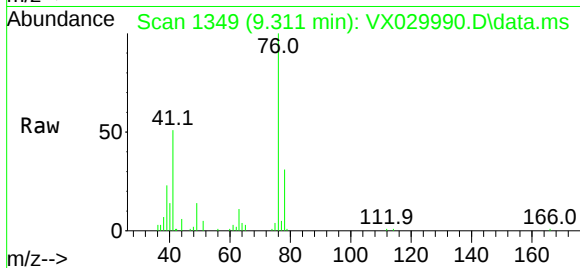
MDL-WATER-03-QT2-2022

Tgt Ion: 76 Resp: 10263

Ion Ratio Lower Upper

76 100

78 31.5 0.0 64.4



#53

Dibromochloromethane

Concen: 3.094 ug/l

RT: 9.524 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX029990.D

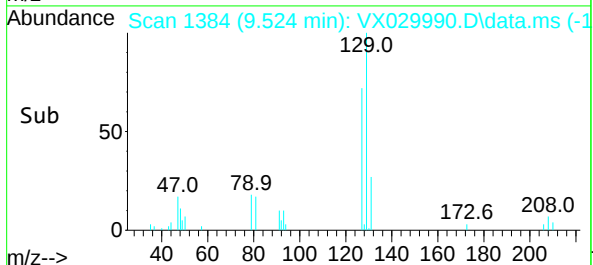
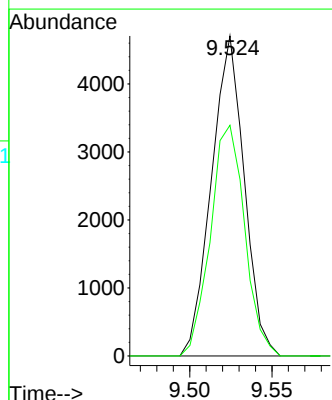
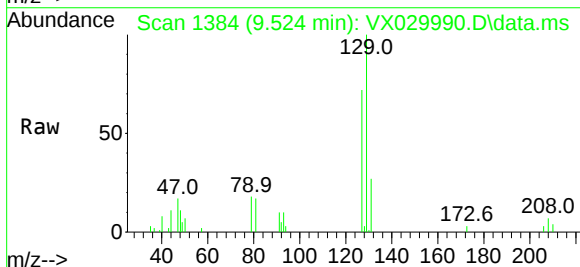
Acq: 11 Jul 2022 11:59

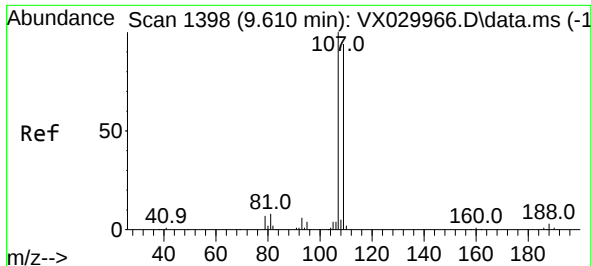
Tgt Ion: 129 Resp: 6533

Ion Ratio Lower Upper

129 100

127 75.1 38.4 115.1

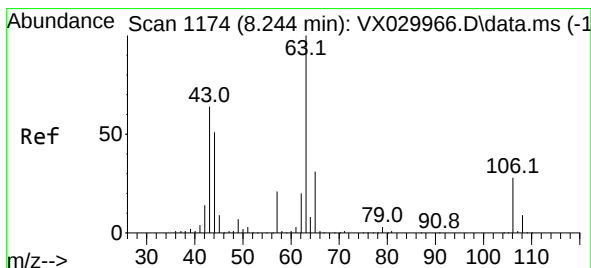
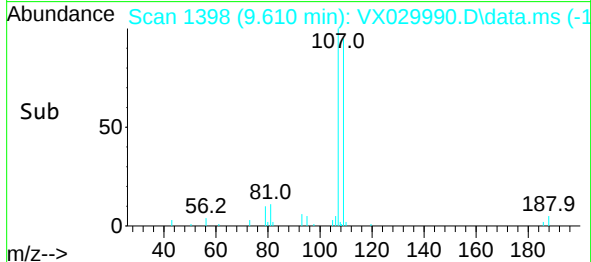
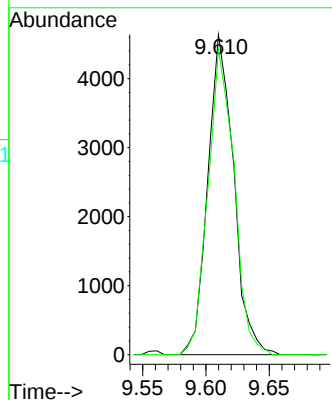
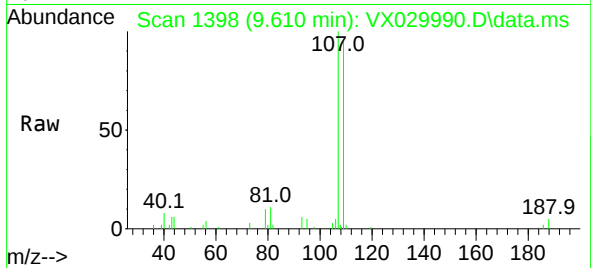




#54
1,2-Dibromoethane
Concen: 2.789 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

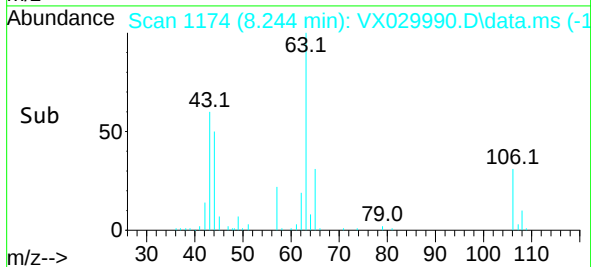
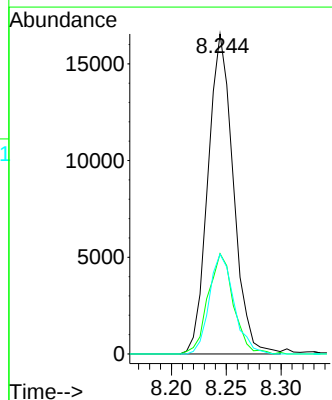
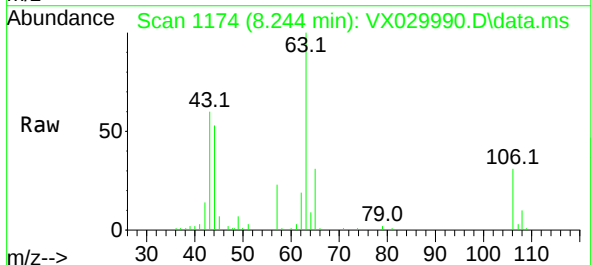
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022

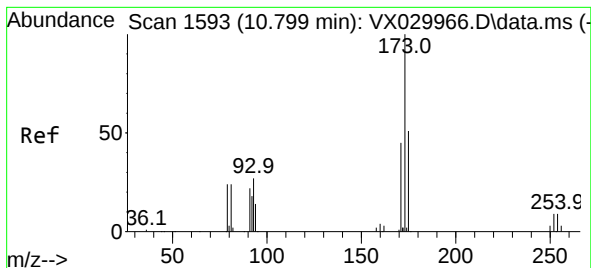
Tgt Ion:107 Resp: 6608
Ion Ratio Lower Upper
107 100
109 96.5 76.2 114.4



#55
2-Chloroethyl vinyl ether
Concen: 14.544 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

Tgt Ion: 63 Resp: 26619
Ion Ratio Lower Upper
63 100
65 31.0 25.9 38.9
106 30.4 25.8 38.6





#56

Bromoform

Concen: 3.420 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX029990.D

Acq: 11 Jul 2022 11:59

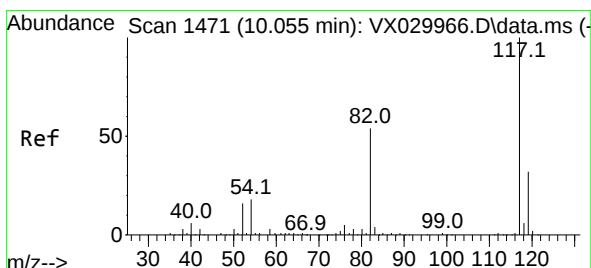
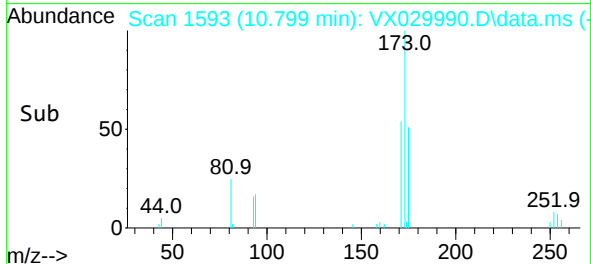
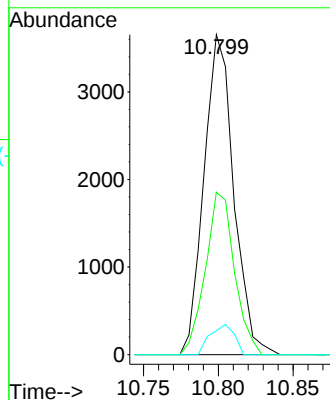
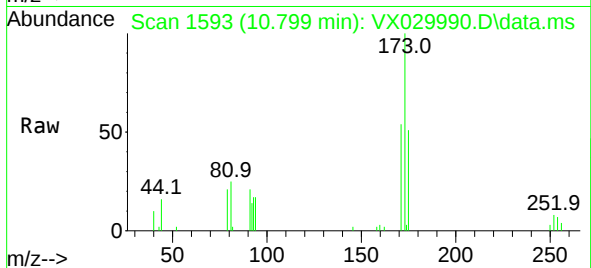
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:173	Resp:	5056
Ion Ratio	Lower	Upper
173	100	
175	49.5	40.3 60.5
254	7.7	7.4 11.2



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

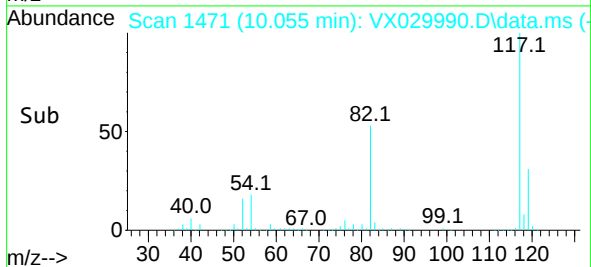
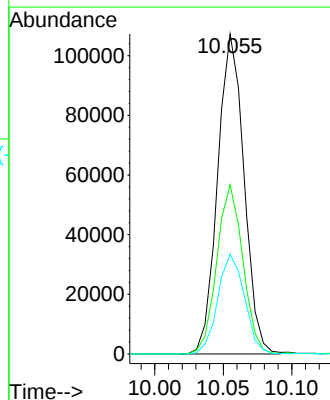
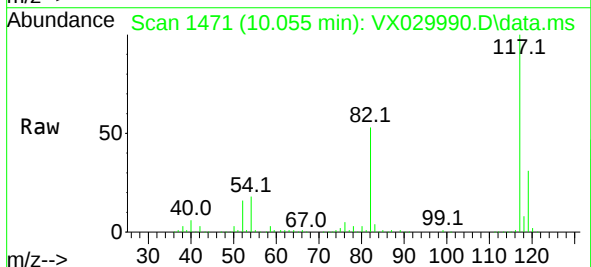
RT: 10.055 min Scan# 1471

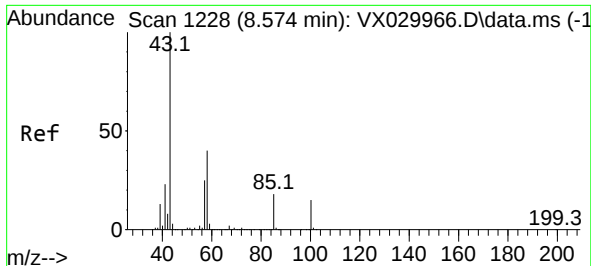
Delta R.T. -0.000 min

Lab File: VX029990.D

Acq: 11 Jul 2022 11:59

Tgt Ion:117	Resp:	143472
Ion Ratio	Lower	Upper
117	100	
82	52.2	42.3 63.5
119	31.6	26.2 39.2





#58

4-Methyl-2-Pentanone

Concen: 13.217 ug/l

RT: 8.573 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX029990.D

Acq: 11 Jul 2022 11:59

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2022

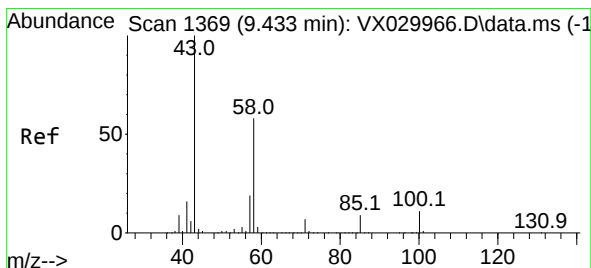
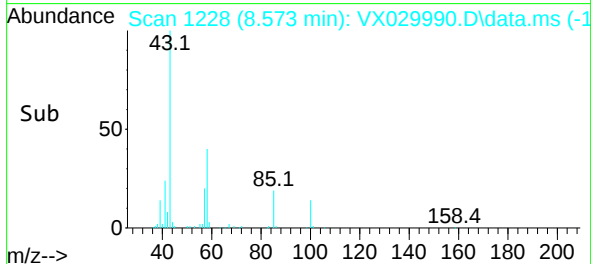
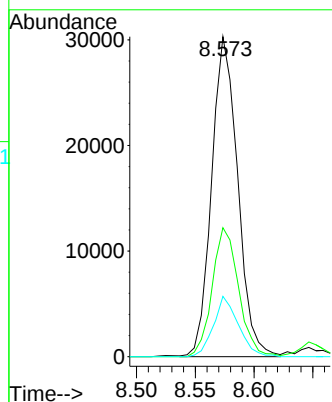
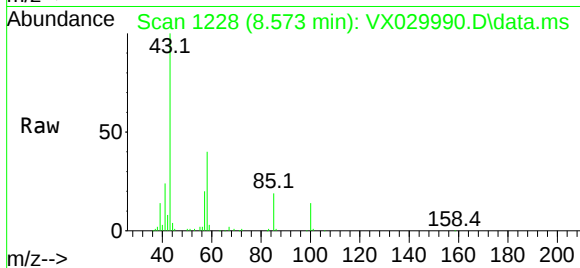
Tgt Ion: 43 Resp: 46840

Ion Ratio Lower Upper

43 100

58 40.8 31.8 47.6

85 18.0 15.8 23.6



#59

2-Hexanone

Concen: 13.372 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX029990.D

Acq: 11 Jul 2022 11:59

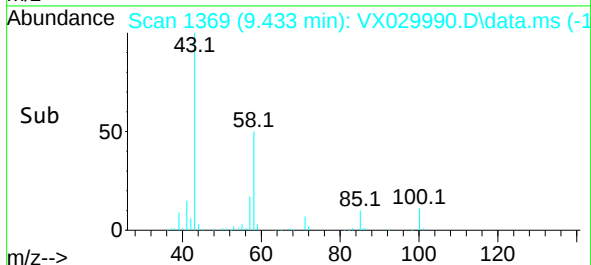
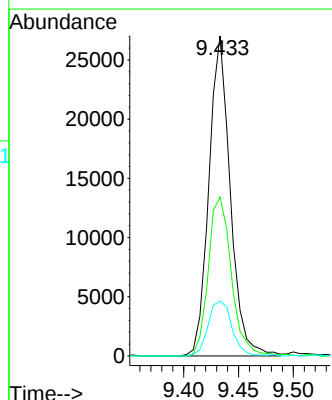
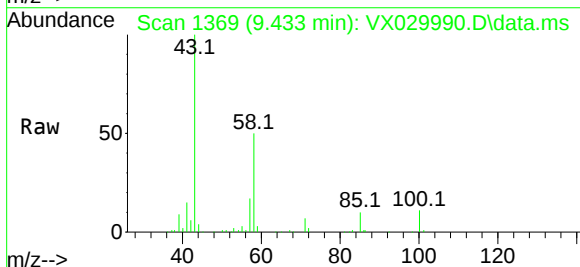
Tgt Ion: 43 Resp: 36652

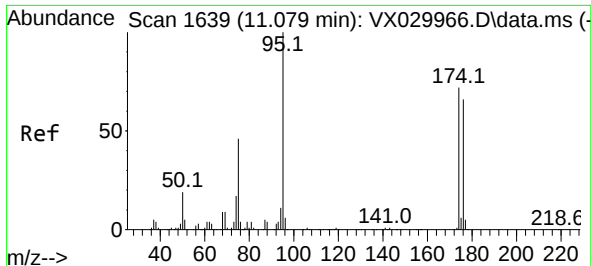
Ion Ratio Lower Upper

43 100

58 53.6 44.1 66.1

57 19.1 16.2 24.2

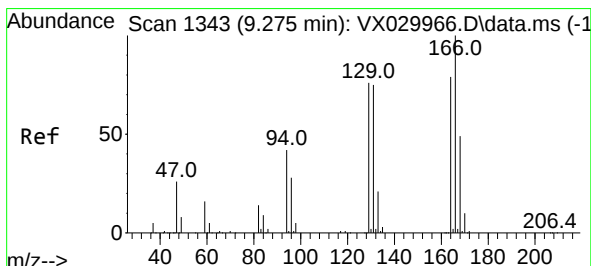
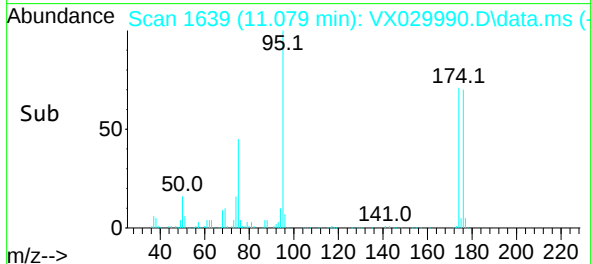
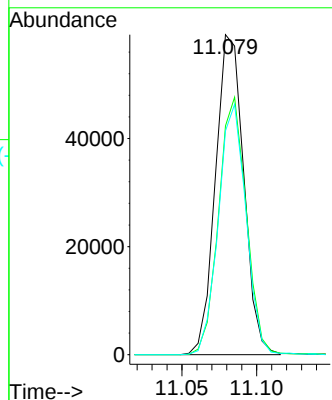
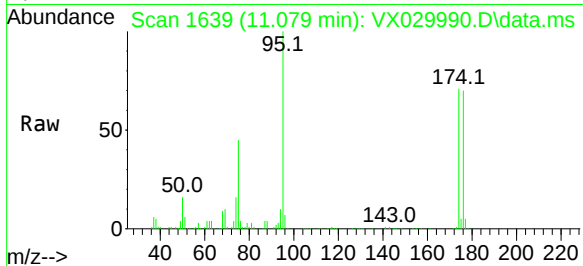




#60
4-Bromofluorobenzene
Concen: 28.765 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

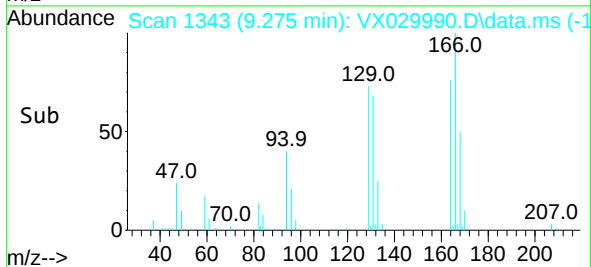
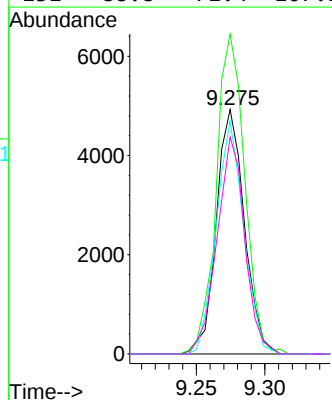
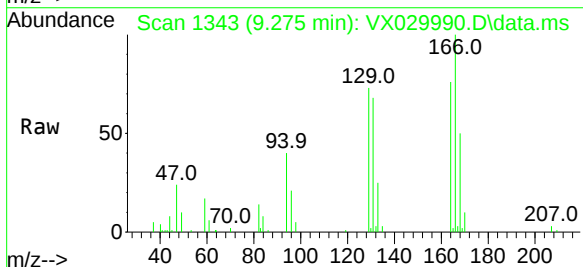
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2022

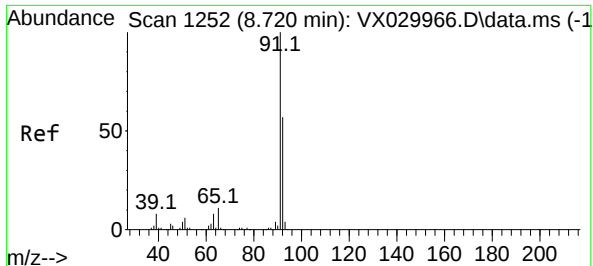
Tgt Ion: 95 Resp: 77775
Ion Ratio Lower Upper
95 100
174 78.8 65.4 98.2
176 75.6 63.4 95.0



#61
Tetrachloroethene
Concen: 3.252 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

Tgt Ion: 164 Resp: 7006
Ion Ratio Lower Upper
164 100
166 130.9 105.0 157.6
129 95.3 78.5 117.7
131 88.8 71.4 107.2

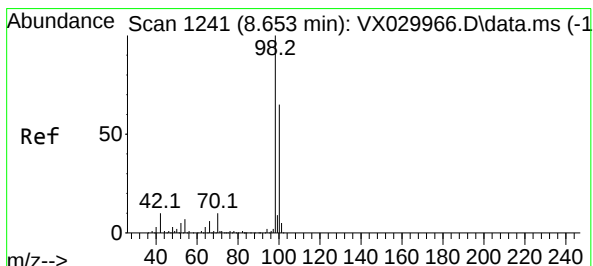
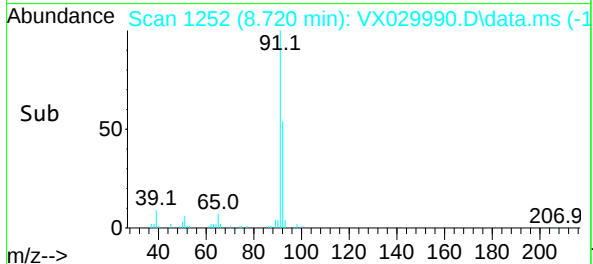
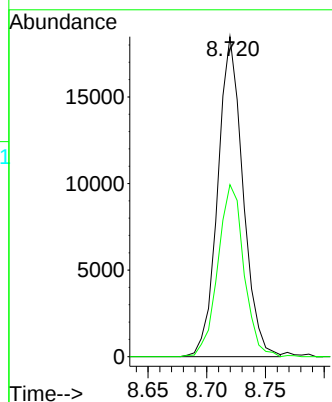
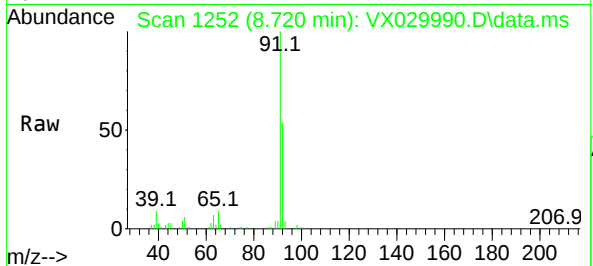




#62
Toluene
Concen: 2.889 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

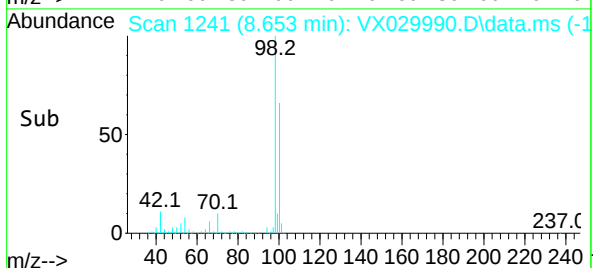
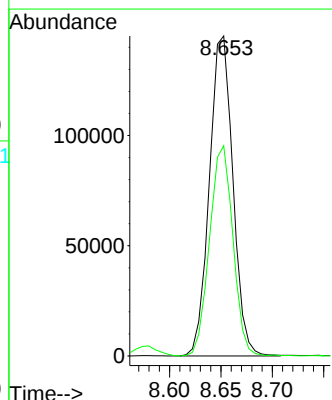
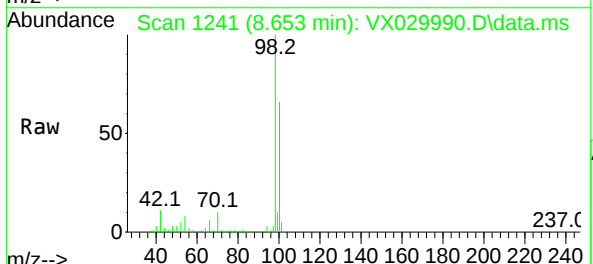
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2022

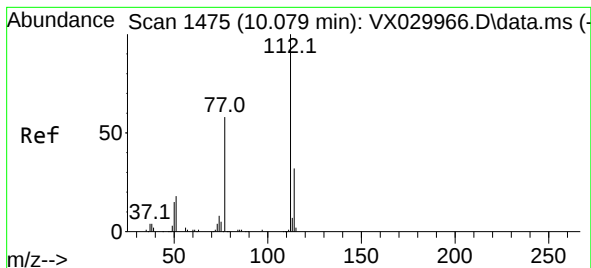
Tgt Ion: 91 Resp: 27573
Ion Ratio Lower Upper
91 100
92 55.4 48.1 72.1



#63
Toluene-d8
Concen: 29.701 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

Tgt Ion: 98 Resp: 231061
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.2





#64

Chlorobenzene

Concen: 2.929 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX029990.D

Acq: 11 Jul 2022 11:59

Instrument :

MSVOA_X

ClientSampleId :

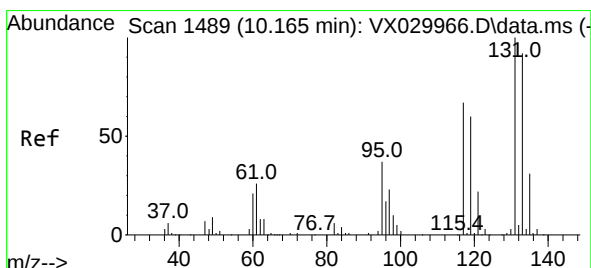
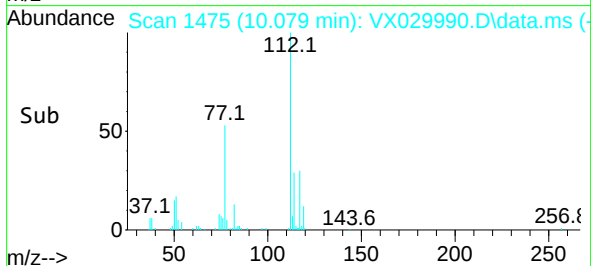
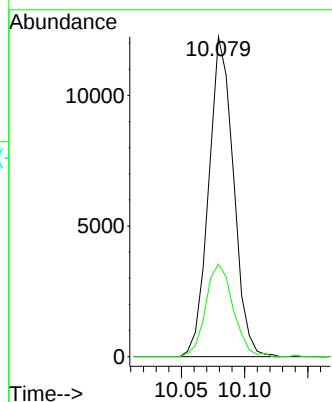
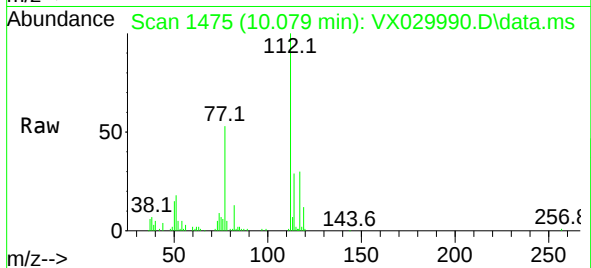
MDL-WATER-03-QT2-2022

Tgt Ion:112 Resp: 16697

Ion Ratio Lower Upper

112 100

114 29.0 26.0 39.0



#65

1,1,1,2-Tetrachloroethane

Concen: 2.997 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VX029990.D

Acq: 11 Jul 2022 11:59

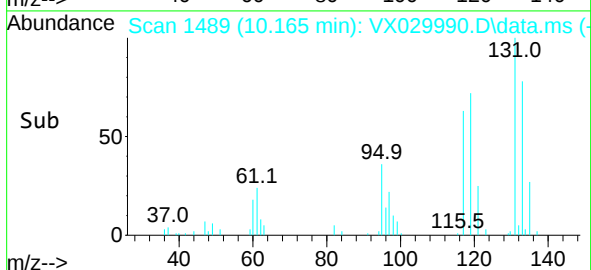
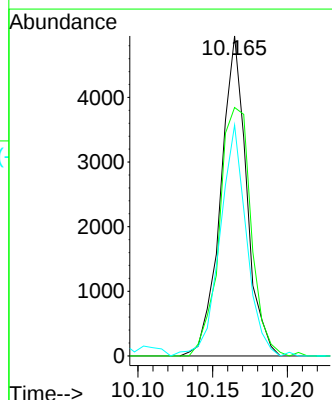
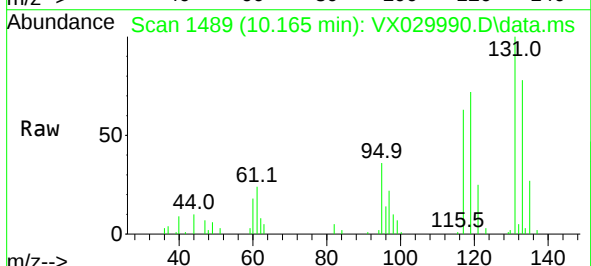
Tgt Ion:131 Resp: 5957

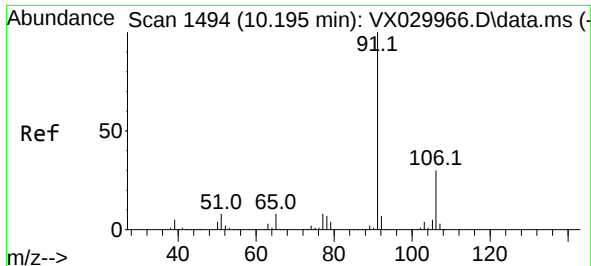
Ion Ratio Lower Upper

131 100

133 95.0 0.0 197.2

119 73.7 0.0 127.4

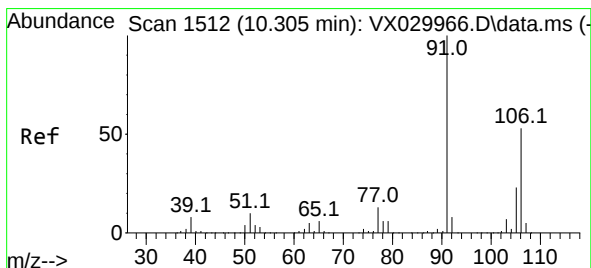
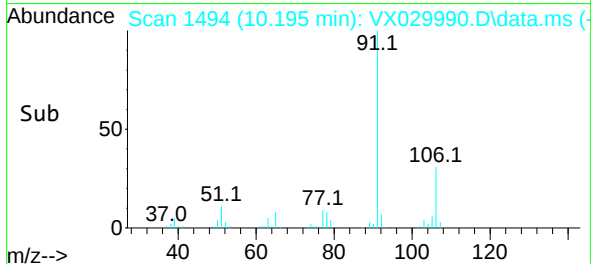
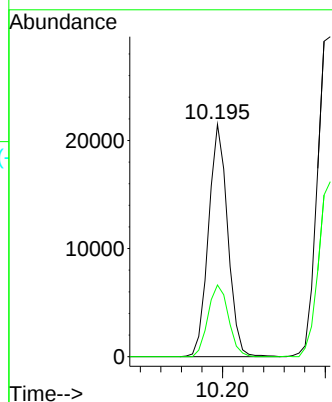
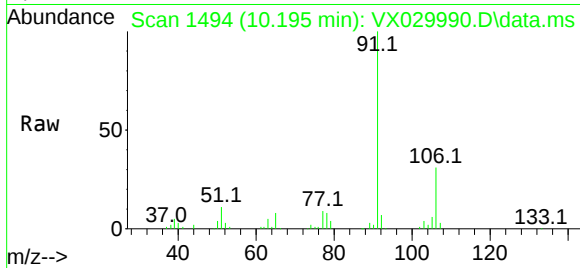




#66
Ethyl Benzene
Concen: 2.755 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

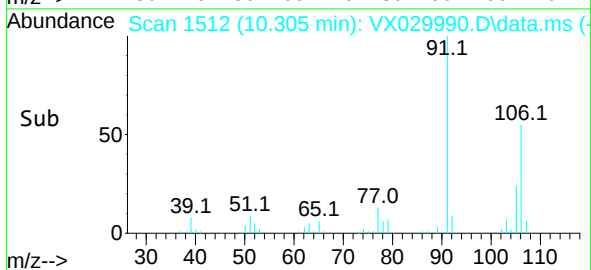
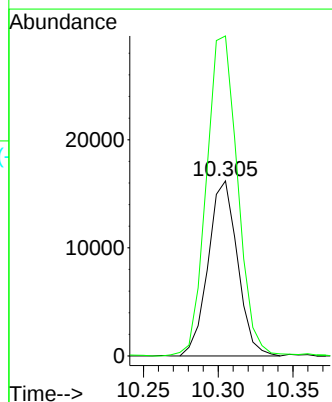
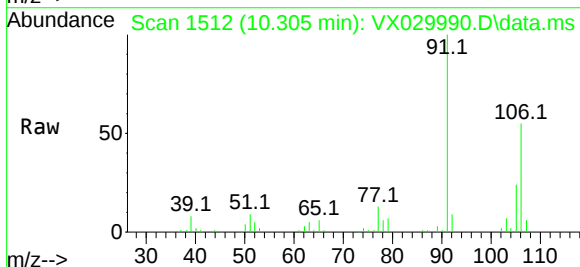
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022

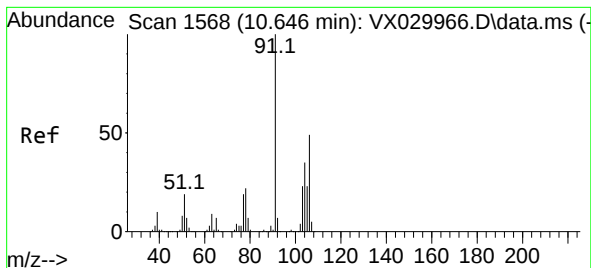
Tgt Ion: 91 Resp: 27943
Ion Ratio Lower Upper
91 100
106 30.9 25.8 38.8



#67
m/p-Xylenes
Concen: 5.614 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

Tgt Ion: 106 Resp: 22094
Ion Ratio Lower Upper
106 100
91 194.4 159.5 239.3





#68

o-Xylene

Concen: 2.642 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VX029990.D

Acq: 11 Jul 2022 11:59

Instrument :

MSVOA_X

ClientSampleId :

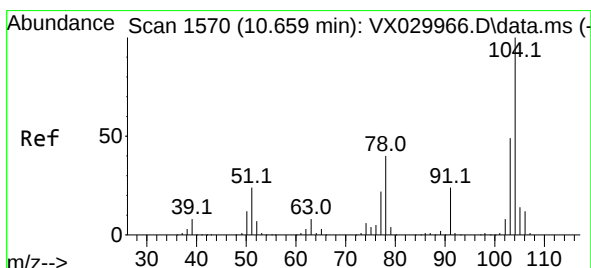
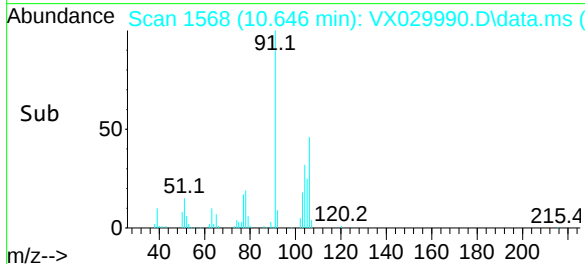
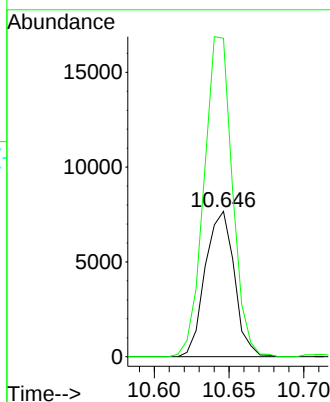
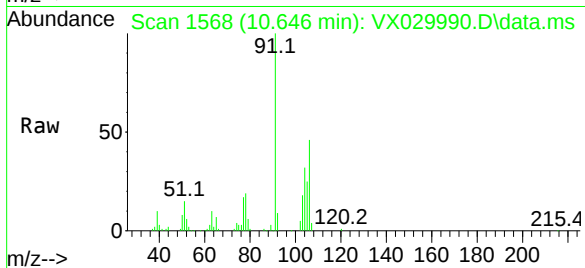
MDL-WATER-03-QT2-2022

Tgt Ion:106 Resp: 10356

Ion Ratio Lower Upper

106 100

91 215.4 105.4 316.2



#69

Styrene

Concen: 2.576 ug/l

RT: 10.658 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX029990.D

Acq: 11 Jul 2022 11:59

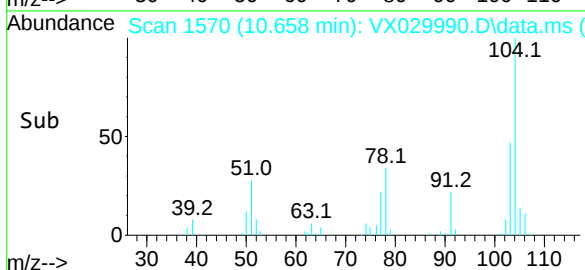
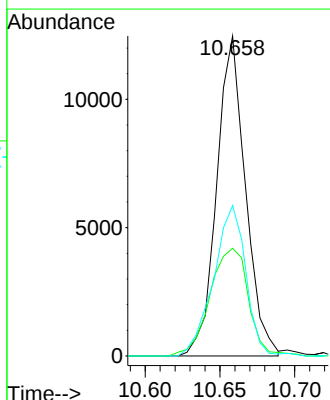
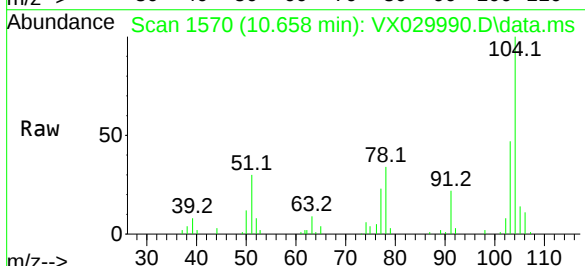
Tgt Ion:104 Resp: 16705

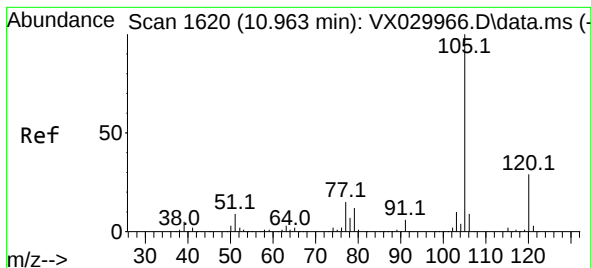
Ion Ratio Lower Upper

104 100

78 44.5 39.7 59.5

103 52.3 42.7 64.1





#70

Isopropylbenzene

Concen: 2.760 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX029990.D

Acq: 11 Jul 2022 11:59

Instrument :

MSVOA_X

ClientSampleId :

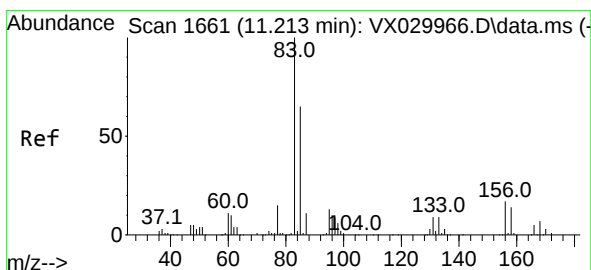
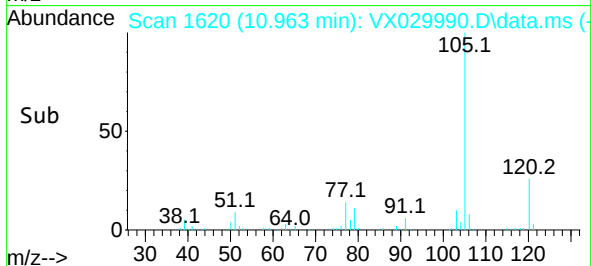
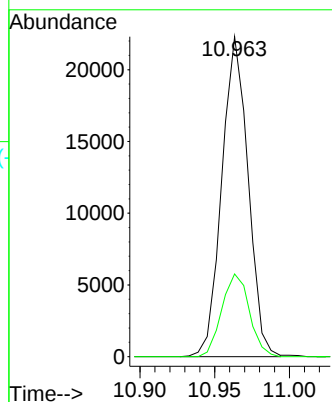
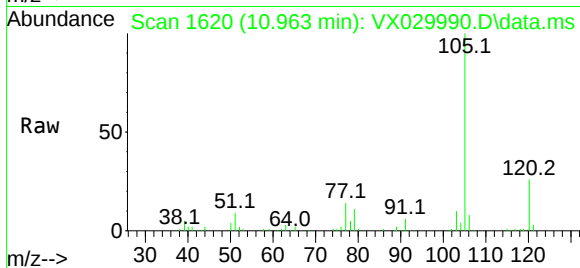
MDL-WATER-03-QT2-2022

Tgt Ion:105 Resp: 27233

Ion Ratio Lower Upper

105 100

120 27.1 18.8 34.8



#71

1,1,2,2-Tetrachloroethane

Concen: 2.807 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX029990.D

Acq: 11 Jul 2022 11:59

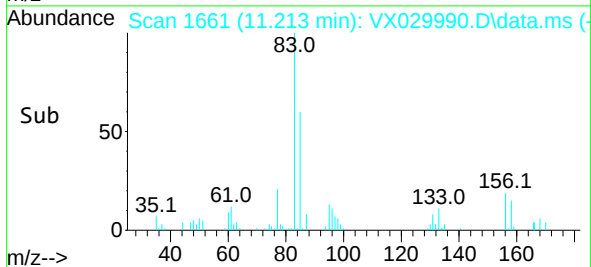
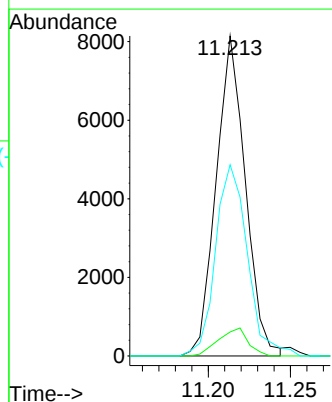
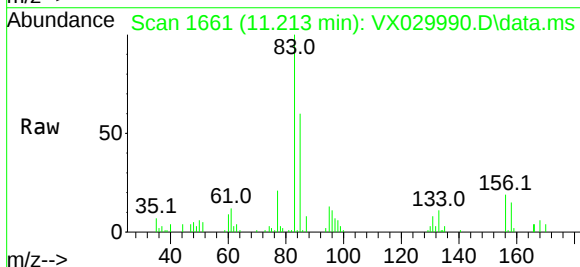
Tgt Ion: 83 Resp: 10071

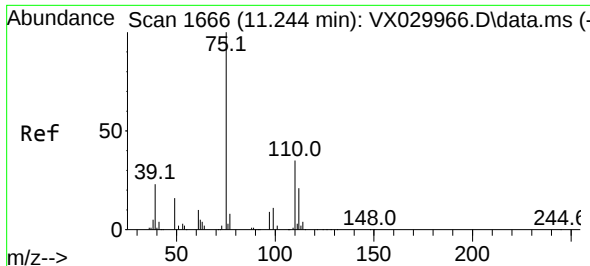
Ion Ratio Lower Upper

83 100

131 8.8 5.8 17.3

85 65.1 32.0 96.2

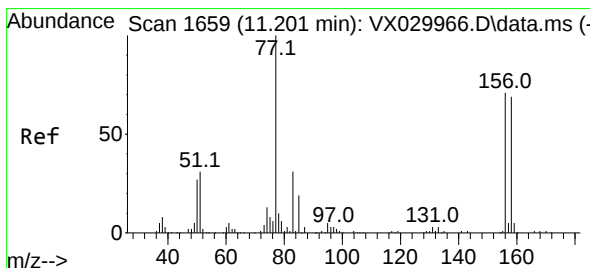
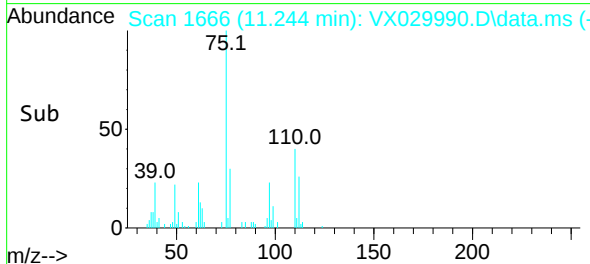
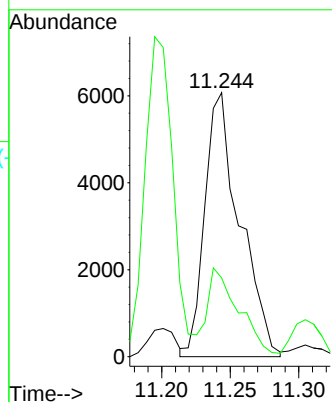
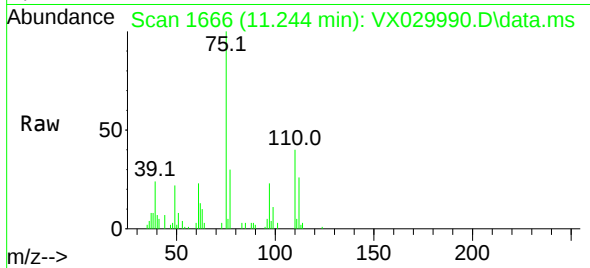




#72
1,2,3-Trichloropropane
Concen: 3.351 ug/l
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

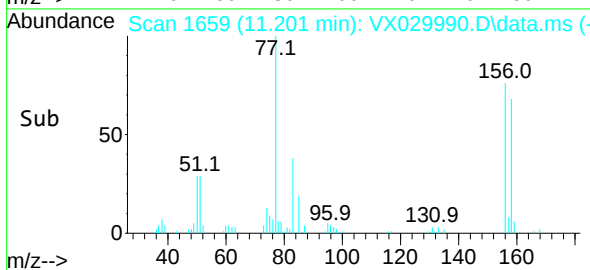
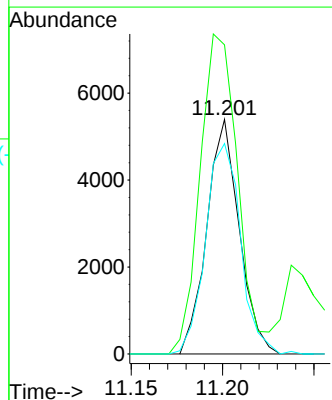
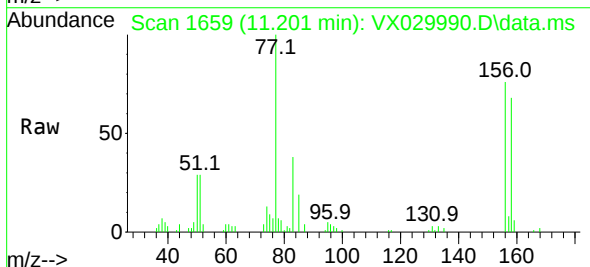
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022

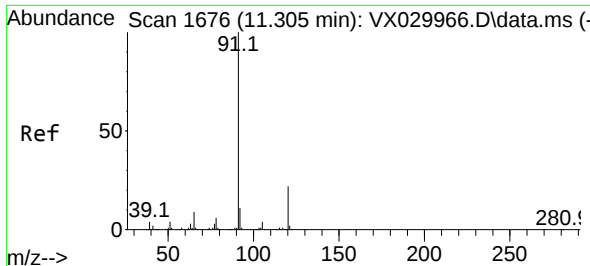
Tgt Ion: 75 Resp: 10809
Ion Ratio Lower Upper
75 100
77 30.4 0.0 78.6



#73
Bromobenzene
Concen: 2.820 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

Tgt Ion: 156 Resp: 6673
Ion Ratio Lower Upper
156 100
77 158.4 0.0 297.6
158 96.8 0.0 188.4

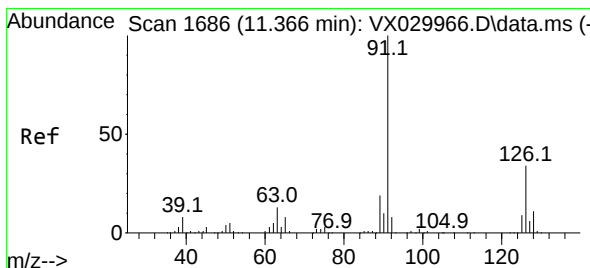
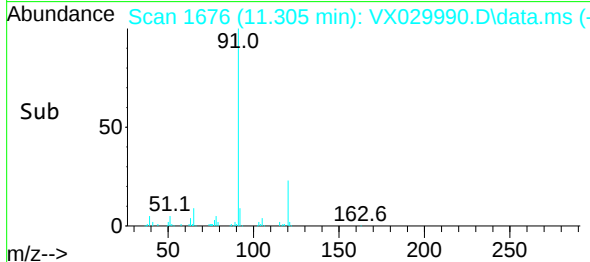
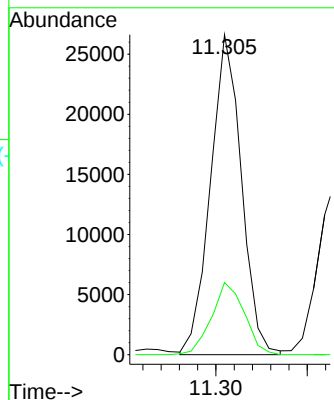
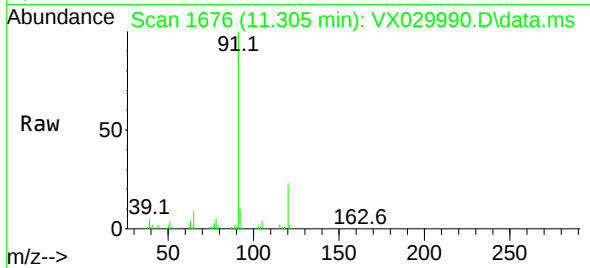




#74
n-propylbenzene
Concen: 2.649 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

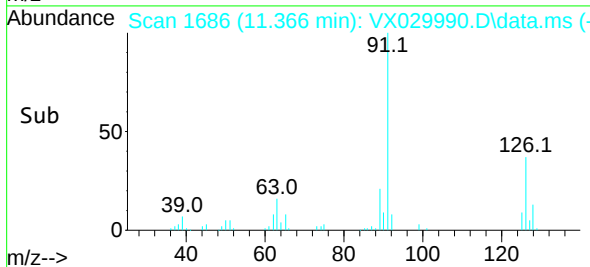
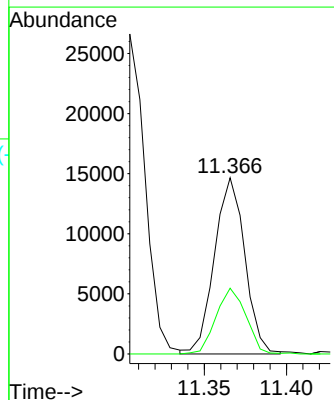
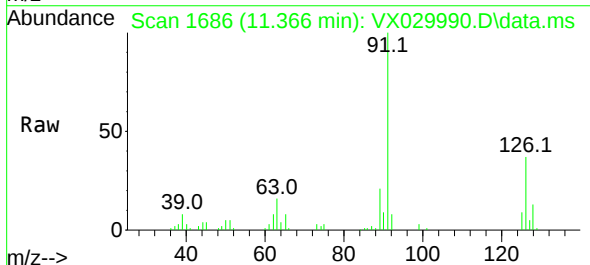
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2022

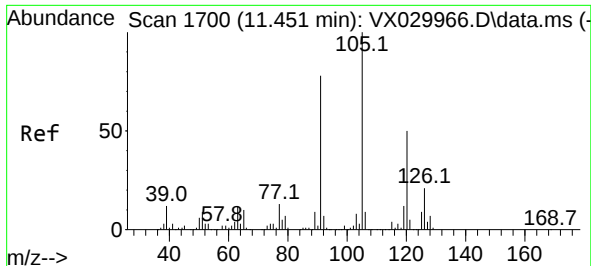
Tgt Ion: 91 Resp: 31352
Ion Ratio Lower Upper
91 100
120 23.9 0.0 48.0



#75
2-Chlorotoluene
Concen: 2.707 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

Tgt Ion: 91 Resp: 18868
Ion Ratio Lower Upper
91 100
126 36.6 0.0 68.6

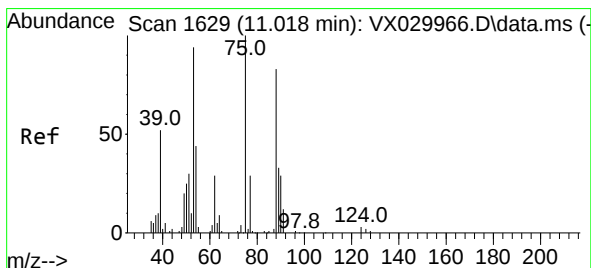
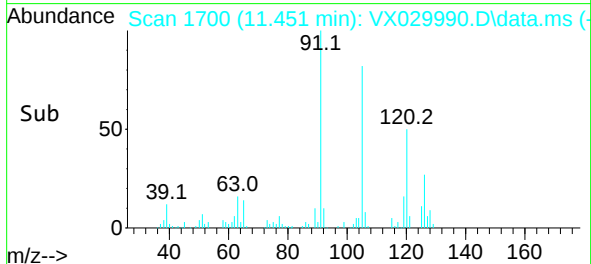
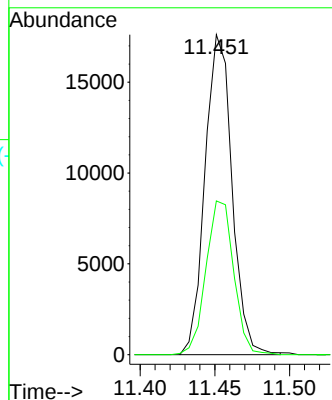
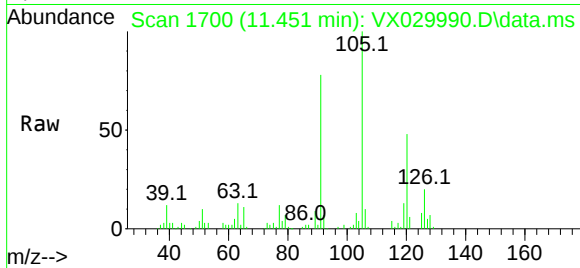




#76
1,3,5-Trimethylbenzene
Concen: 2.672 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

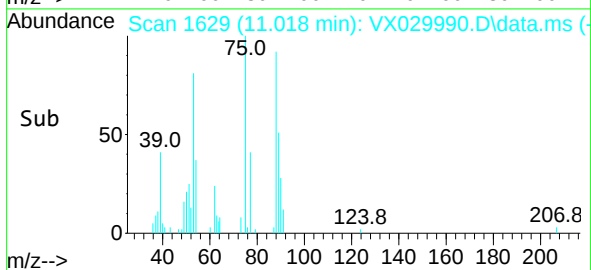
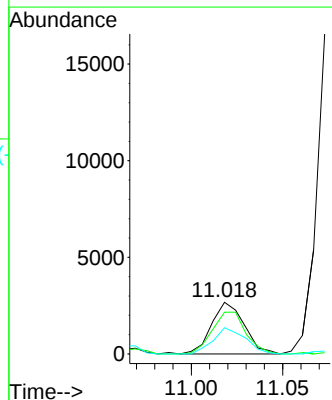
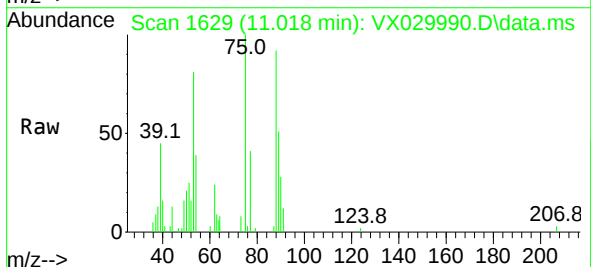
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022

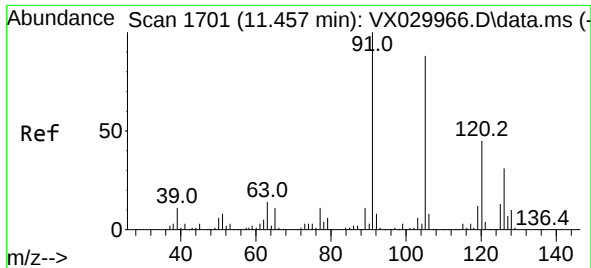
Tgt Ion:105 Resp: 22139
Ion Ratio Lower Upper
105 100
120 49.2 0.0 98.0



#77
t-1,4-Dichloro-2-butene
Concen: 3.000 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

Tgt Ion: 75 Resp: 3328
Ion Ratio Lower Upper
75 100
53 80.9 59.7 179.1
89 50.6 23.1 69.2

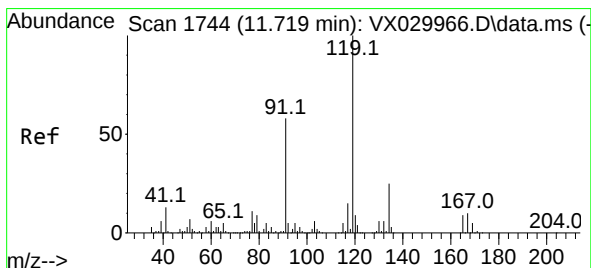
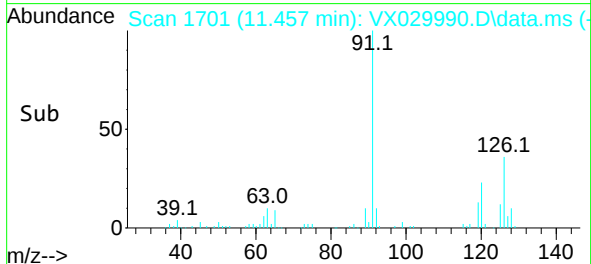
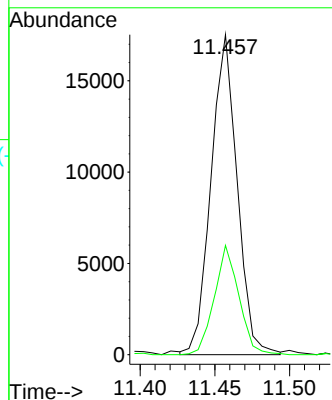
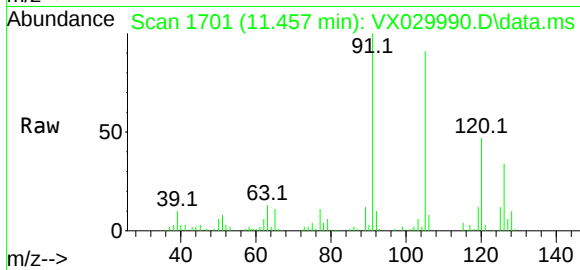




#78
4-Chlorotoluene
Concen: 2.724 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

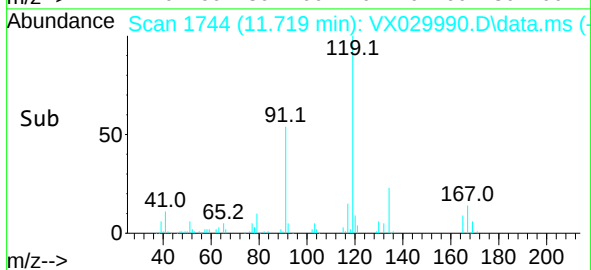
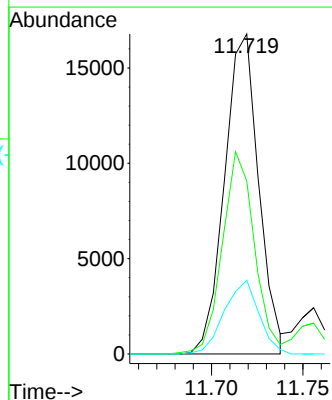
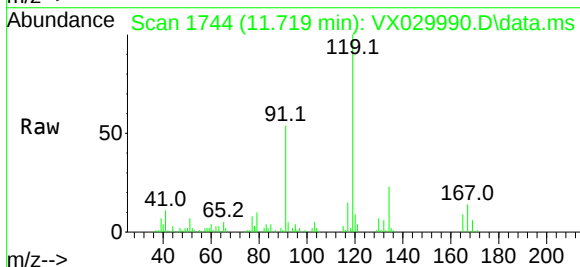
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022

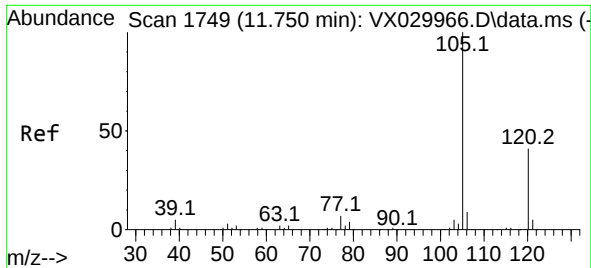
Tgt Ion: 91 Resp: 21310
Ion Ratio Lower Upper
91 100
126 32.1 0.0 59.8



#79
tert-butylbenzene
Concen: 2.706 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

Tgt Ion: 119 Resp: 21808
Ion Ratio Lower Upper
119 100
91 59.5 0.0 119.4
134 23.3 0.0 48.4

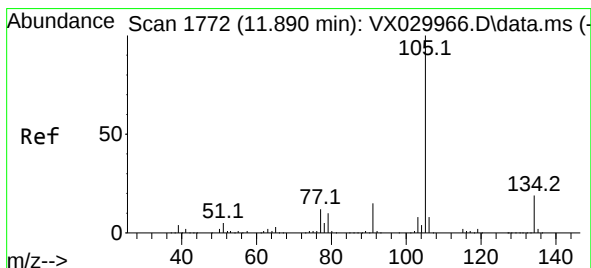
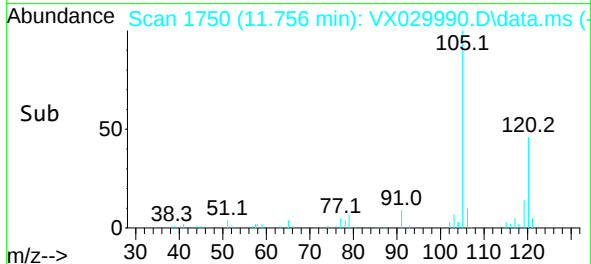
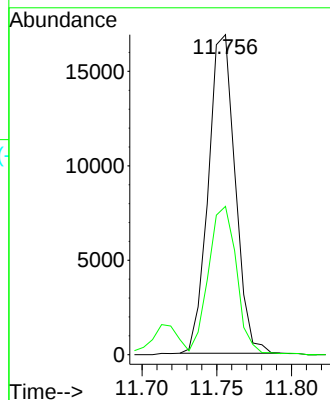
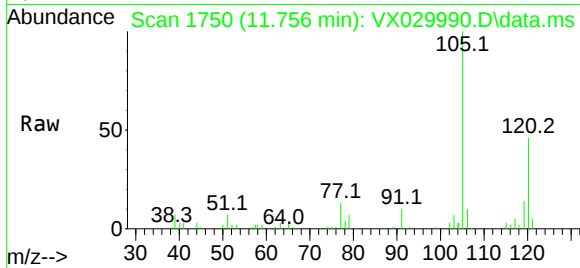




#80
1,2,4-Trimethylbenzene
Concen: 2.475 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

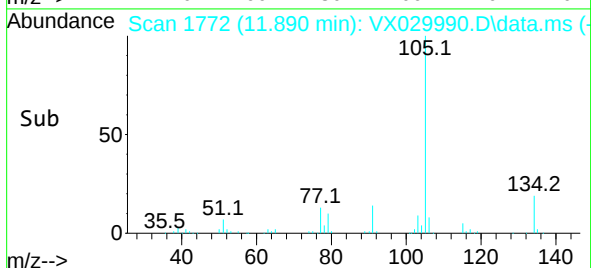
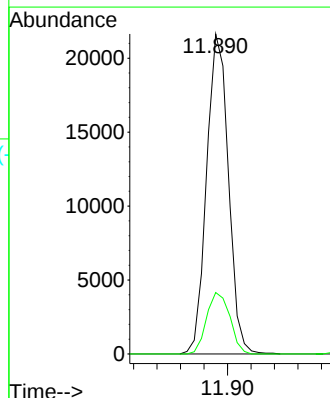
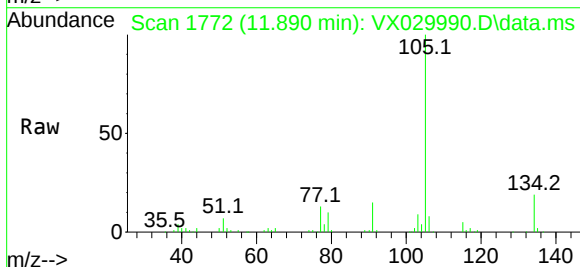
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022

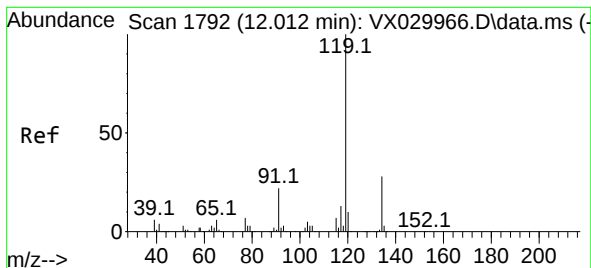
Tgt Ion:105 Resp: 21077
Ion Ratio Lower Upper
105 100
120 48.8 0.0 89.6



#81
sec-Butylbenzene
Concen: 2.558 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

Tgt Ion:105 Resp: 27909
Ion Ratio Lower Upper
105 100
134 20.5 0.0 41.2





#82

p-Isopropyltoluene

Concen: 2.586 ug/l

RT: 12.012 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX029990.D

Acq: 11 Jul 2022 11:59

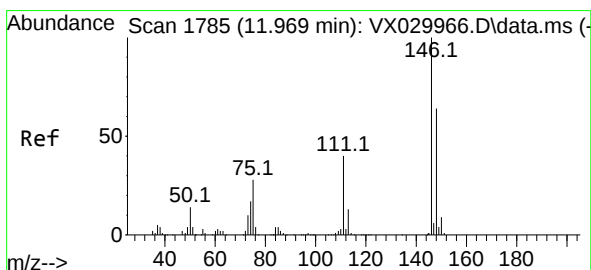
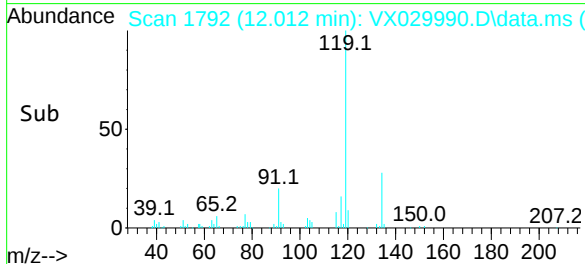
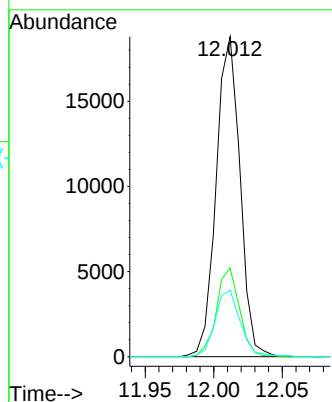
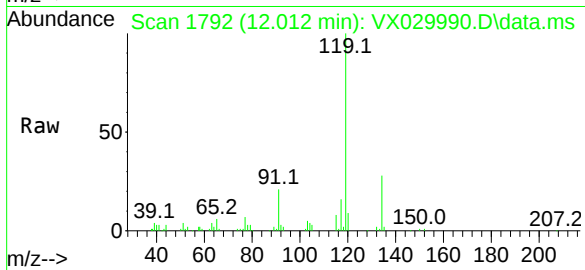
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:	119	Resp:	22710
Ion	Ratio	Lower	Upper
119	100		
134	26.9	0.0	52.4
91	21.9	0.0	47.2



#83

1,3-Dichlorobenzene

Concen: 2.900 ug/l

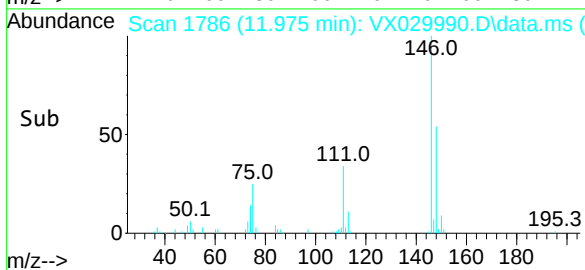
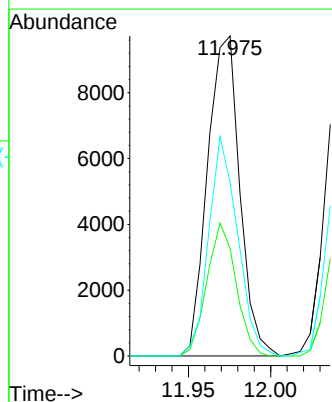
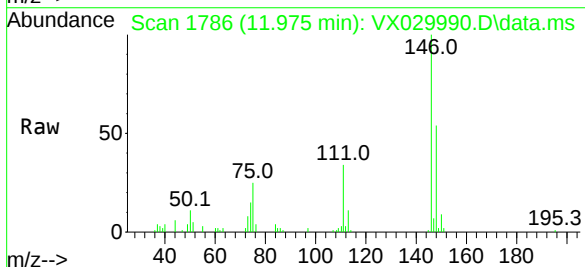
RT: 11.975 min Scan# 1786

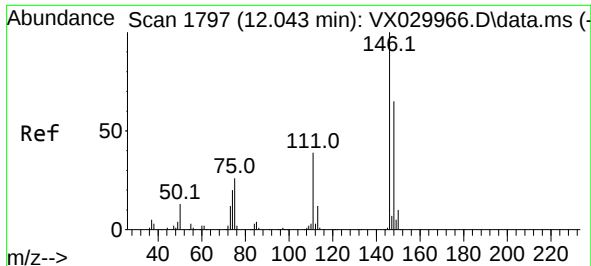
Delta R.T. 0.006 min

Lab File: VX029990.D

Acq: 11 Jul 2022 11:59

Tgt Ion:	146	Resp:	13277
Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.8	59.4
148	61.6	31.6	94.8

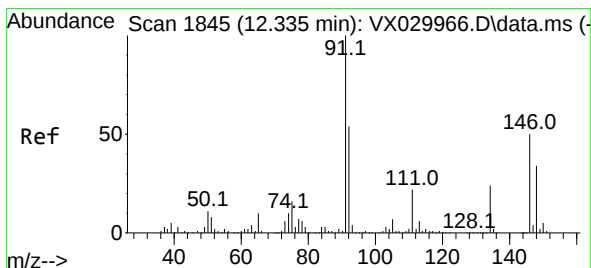
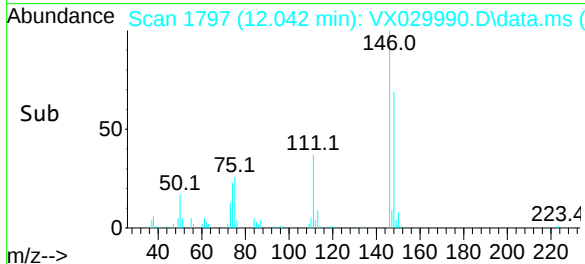
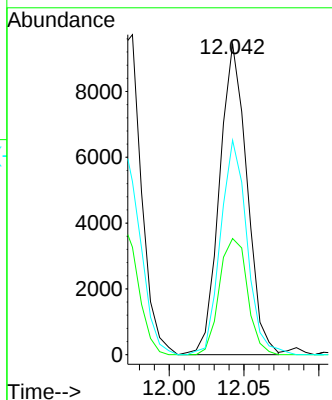
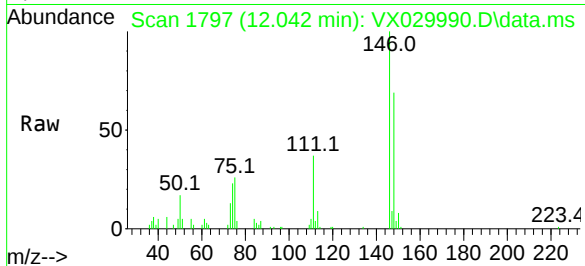




#84
1,4-Dichlorobenzene
Concen: 2.603 ug/l
RT: 12.042 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

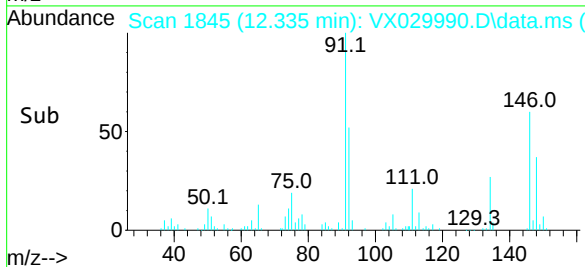
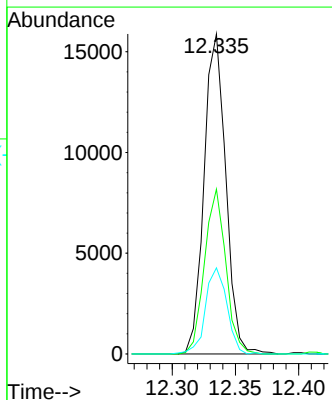
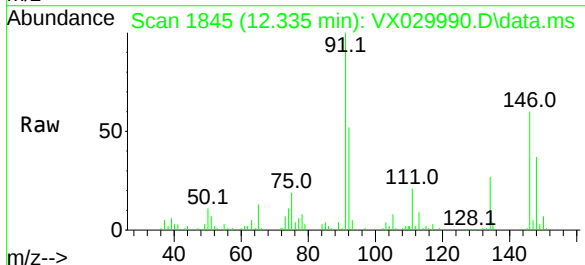
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022

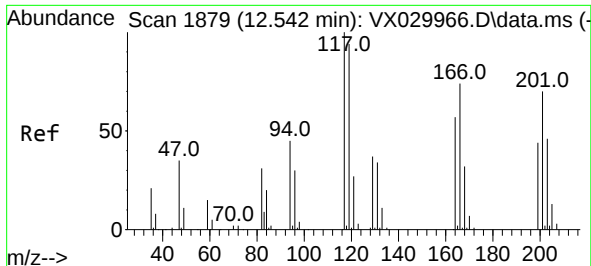
Tgt Ion:	146	Resp:	12084
Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.2	57.6
148	66.1	32.3	96.8



#85
n-Butylbenzene
Concen: 2.310 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

Tgt Ion:	91	Resp:	19036
Ion	Ratio	Lower	Upper
91	100		
92	50.5	0.0	109.4
134	26.4	0.0	56.4

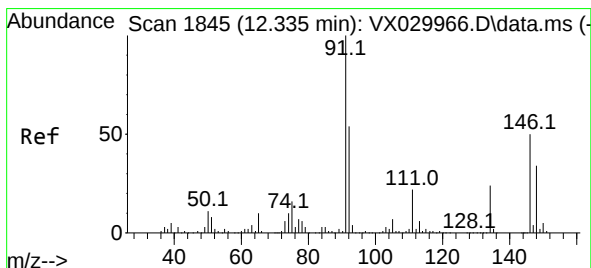
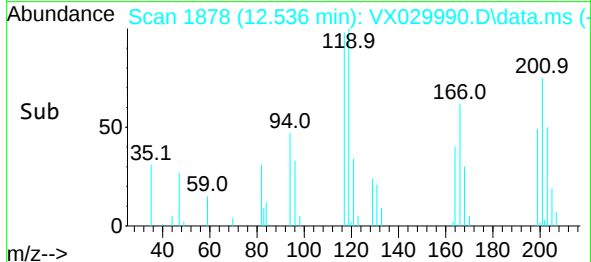
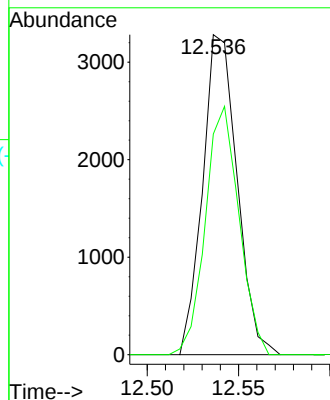
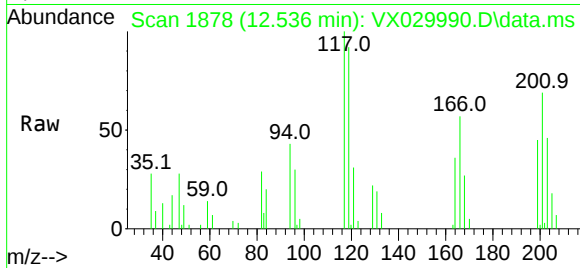




#86
Hexachloroethane
Concen: 2.952 ug/l
RT: 12.536 min Scan# 117
Delta R.T. -0.006 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

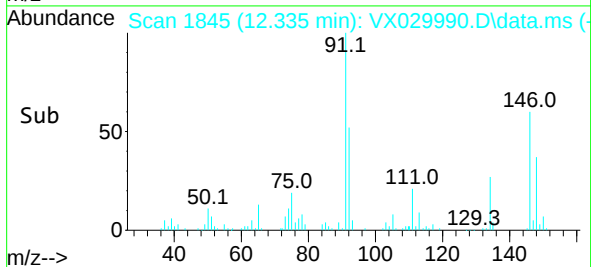
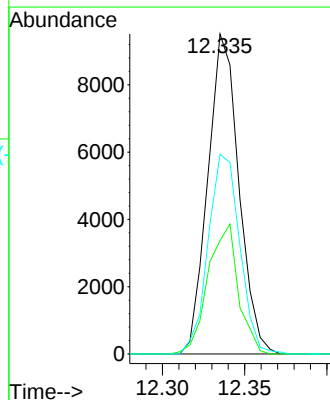
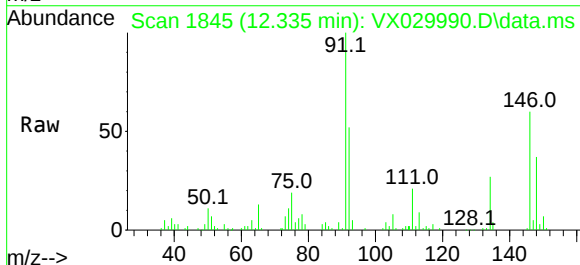
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022

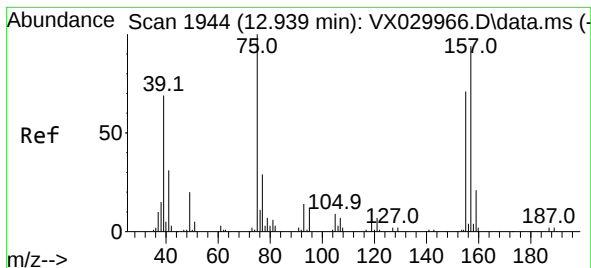
Tgt Ion:117 Resp: 4307
Ion Ratio Lower Upper
117 100
201 75.7 39.5 118.5



#87
1,2-Dichlorobenzene
Concen: 2.762 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

Tgt Ion:146 Resp: 12485
Ion Ratio Lower Upper
146 100
111 39.6 21.1 63.3
148 63.6 31.4 94.2





#88

1,2-Dibromo-3-Chloropropane

Concen: 2.615 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX029990.D

Acq: 11 Jul 2022 11:59

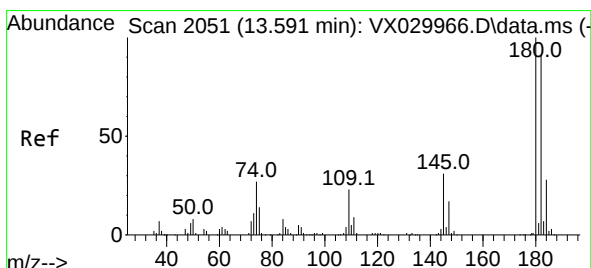
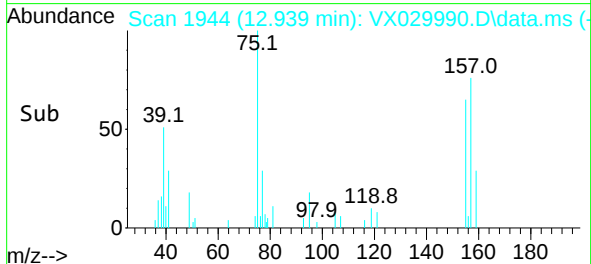
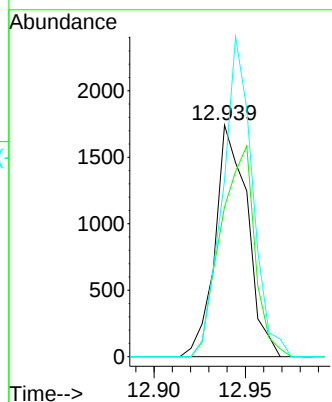
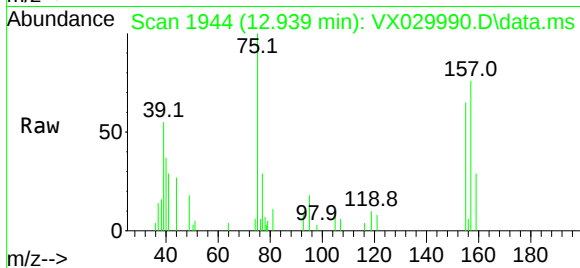
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion: 75	Resp:	2140
Ion	Ratio	Lower Upper
75	100	
155	95.6	74.3 111.5
157	128.0	97.3 145.9



#89

1,2,4-Trichlorobenzene

Concen: 2.522 ug/l

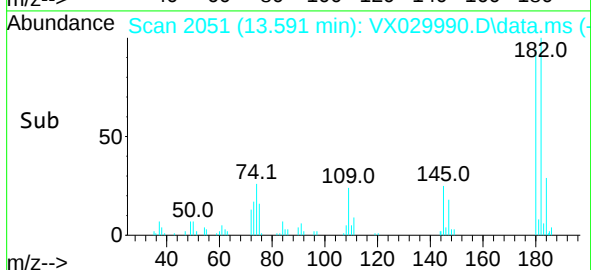
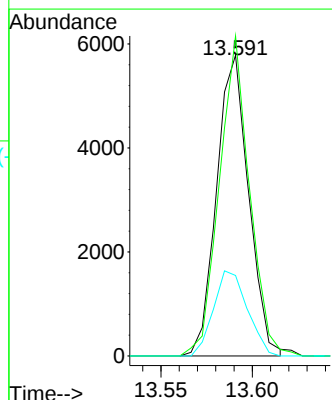
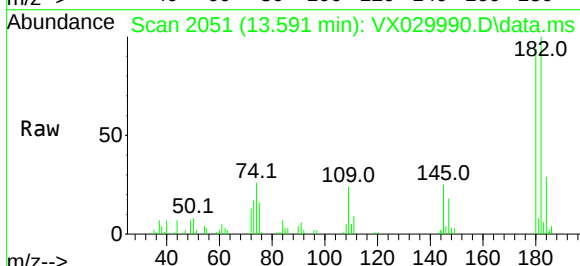
RT: 13.591 min Scan# 2051

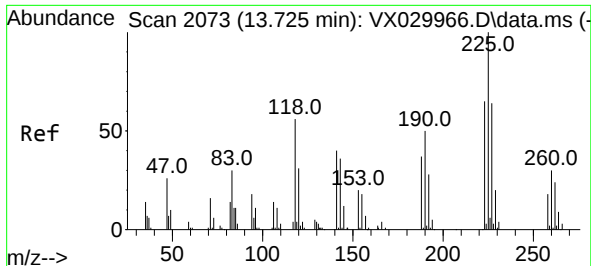
Delta R.T. -0.000 min

Lab File: VX029990.D

Acq: 11 Jul 2022 11:59

Tgt Ion: 180	Resp:	7058
Ion	Ratio	Lower Upper
180	100	
182	100.0	77.4 116.2
145	30.0	24.2 36.4

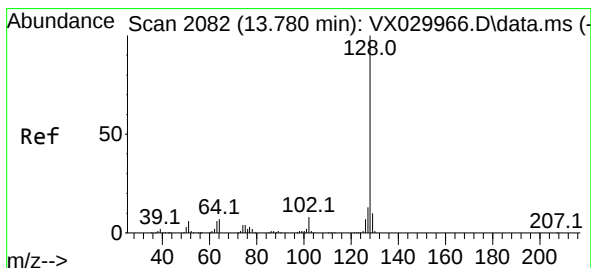
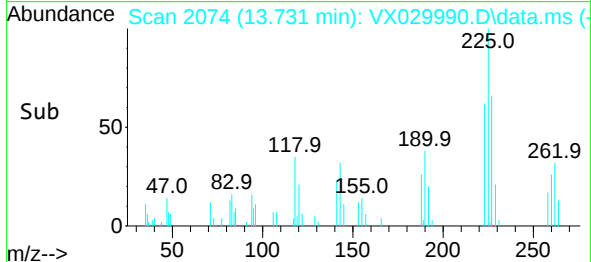
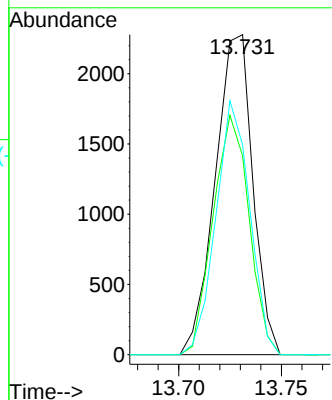
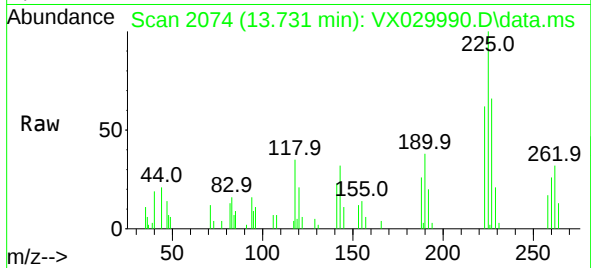




#90
Hexachlorobutadiene
Concen: 2.737 ug/l
RT: 13.731 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

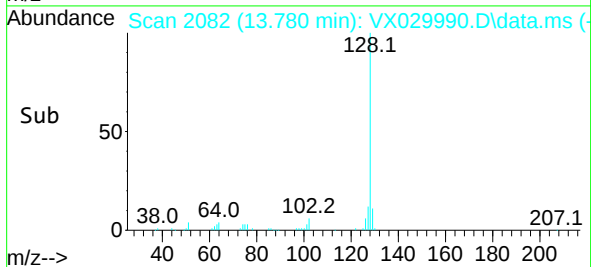
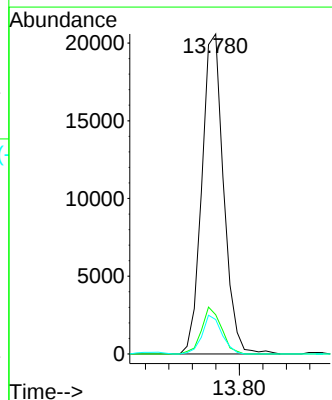
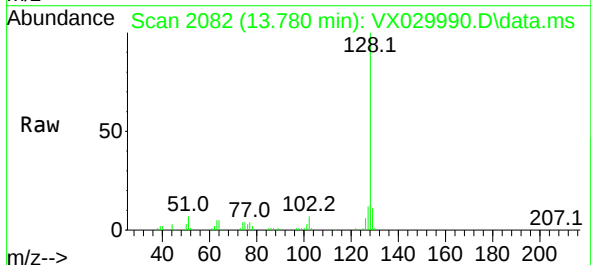
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022

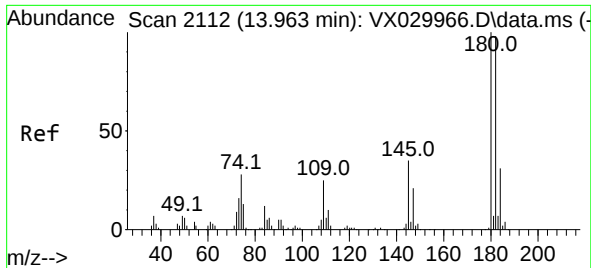
Tgt Ion:225 Resp: 2905
Ion Ratio Lower Upper
225 100
223 71.7 0.0 126.0
227 71.5 0.0 125.0



#91
Naphthalene
Concen: 2.374 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX029990.D
Acq: 11 Jul 2022 11:59

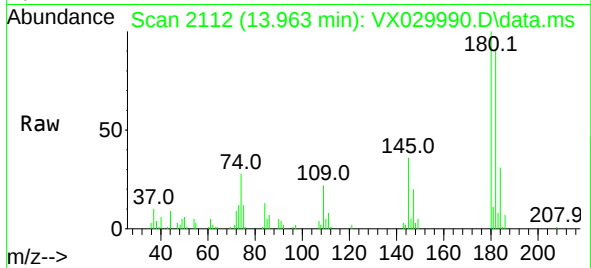
Tgt Ion:128 Resp: 26488
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 10.9 8.8 13.2





#92
 1,2,3-Trichlorobenzene
 Concen: 2.600 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX029990.D
 Acq: 11 Jul 2022 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2022



Tgt Ion:180	Resp:	7413
Ion	Ratio	Lower Upper
180	100	
182	98.1	0.0 189.4
145	32.4	0.0 67.2

