

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101323\
 Data File : VX038281.D
 Acq On : 13 Oct 2023 13:25
 Operator : JC/MD
 Sample : 04699-09 0.75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2023

Quant Time: Oct 14 00:58:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 14 00:55:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	121337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	210939	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108626	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95835	49.105	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.220%
35) Dibromofluoromethane	5.385	113	74315	48.893	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.780%
50) Toluene-d8	8.647	98	279065	48.048	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.100%
62) 4-Bromofluorobenzene	11.079	95	101522	46.106	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.220%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	792	0.676	ug/l	99
3) Chloromethane	1.294	50	1043	0.874	ug/l #	84
4) Vinyl Chloride	1.374	62	1279	0.966	ug/l	94
5) Bromomethane	1.611	94	1248	0.691	ug/l	88
6) Chloroethane	1.691	64	1073	0.914	ug/l	100
7) Trichlorofluoromethane	1.892	101	2134	0.816	ug/l	99
8) Diethyl Ether	2.136	74	782	0.802	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	956	0.838	ug/l	96
10) Methyl Iodide	2.447	142	1052	0.641	ug/l #	94
11) Tert butyl alcohol	2.953	59	1362	2.866	ug/l	98
12) 1,1-Dichloroethene	2.319	96	835	0.752	ug/l	80
13) Acrolein	2.239	56	1109	3.997	ug/l	96
14) Allyl chloride	2.660	41	1400	0.705	ug/l	89
15) Acrylonitrile	3.069	53	3186	3.587	ug/l	97
16) Acetone	2.374	43	3798	4.663	ug/l	94
17) Carbon Disulfide	2.508	76	2165	0.677	ug/l #	92
18) Methyl Acetate	2.703	43	2687	0.769	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	3090	0.699	ug/l	94
20) Methylene Chloride	2.794	84	1706	1.114	ug/l #	71
21) trans-1,2-Dichloroethene	3.093	96	981	0.714	ug/l	89
22) Diisopropyl ether	3.757	45	2694	0.647	ug/l #	69
23) Vinyl Acetate	3.733	43	8501	2.785	ug/l	98
24) 1,1-Dichloroethane	3.611	63	1867	0.739	ug/l #	92
25) 2-Butanone	4.568	43	4529	3.446	ug/l #	79
26) 2,2-Dichloropropane	4.465	77	1056	0.536	ug/l #	54
27) cis-1,2-Dichloroethene	4.495	96	1165	0.712	ug/l	89
28) Bromochloromethane	4.916	49	834	0.731	ug/l #	95
29) Tetrahydrofuran	5.007	42	1416	1.655	ug/l #	36
30) Chloroform	5.099	83	1993	0.722	ug/l	92
31) Cyclohexane	5.471	56	1571	0.743	ug/l #	83
32) 1,1,1-Trichloroethane	5.385	97	1612	0.681	ug/l #	49
36) 1,1-Dichloropropene	5.696	75	1550	0.740	ug/l #	94
37) Ethyl Acetate	4.739	43	2046	0.822	ug/l #	78
38) Carbon Tetrachloride	5.684	117	1454	0.705	ug/l	87
39) Methylcyclohexane	7.379	83	1561	0.636	ug/l #	80
40) Benzene	6.037	78	4177	0.713	ug/l #	85

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	623	0.503	ug/l #	72
42) 1,2-Dichloroethane	6.092	62	1876	0.801	ug/l #	77
43) Isopropyl Acetate	6.342	43	2295	0.618	ug/l #	84
44) Trichloroethene	7.129	130	1102	0.719	ug/l	93
45) 1,2-Dichloropropane	7.434	63	999	0.658	ug/l #	85
46) Dibromomethane	7.586	93	767	0.652	ug/l	95
47) Bromodichloromethane	7.830	83	1282	0.612	ug/l	96
48) Methyl methacrylate	7.708	41	1129	0.636	ug/l	93
49) 1,4-Dioxane	7.671	88	522	11.941	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	7989	3.117	ug/l	98
52) Toluene	8.720	92	2841	0.744	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	1194	0.531	ug/l #	88
54) cis-1,3-Dichloropropene	8.372	75	1229	0.521	ug/l #	85
55) 1,1,2-Trichloroethane	9.159	97	1033	0.632	ug/l #	87
56) Ethyl methacrylate	9.122	69	1374	0.549	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	1821	0.689	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.244	63	3454	2.810	ug/l	91
59) 2-Hexanone	9.433	43	6101	2.961	ug/l	100
60) Dibromochloromethane	9.525	129	955	0.597	ug/l	95
61) 1,2-Dibromoethane	9.616	107	1048	0.593	ug/l	87
64) Tetrachloroethene	9.275	164	976	0.713	ug/l #	83
65) Chlorobenzene	10.079	112	3225	0.729	ug/l #	84
66) 1,1,1,2-Tetrachloroethane	10.159	131	906	0.606	ug/l #	61
67) Ethyl Benzene	10.195	91	5087	0.644	ug/l	99
68) m/p-Xylenes	10.305	106	3856	1.263	ug/l	95
69) o-Xylene	10.646	106	1714	0.575	ug/l	94
70) Styrene	10.659	104	2804	0.578	ug/l	97
71) Bromoform	10.793	173	737	0.598	ug/l #	88
73) Isopropylbenzene	10.963	105	4764	0.654	ug/l	96
74) N-amyl acetate	10.842	43	1519	0.488	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	1873	0.701	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	2202	0.892	ug/l	89
77) Bromobenzene	11.201	156	1332	0.749	ug/l	96
78) n-propylbenzene	11.305	91	5931	0.666	ug/l	99
79) 2-Chlorotoluene	11.366	91	3741	0.708	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	3938	0.627	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	55943	72.327	ug/l #	5
82) 4-Chlorotoluene	11.457	91	4231	0.677	ug/l	96
83) tert-Butylbenzene	11.713	119	3820	0.622	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	3847	0.614	ug/l	93
85) sec-Butylbenzene	11.890	105	5325	0.669	ug/l	98
86) p-Isopropyltoluene	12.012	119	4091	0.623	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	2728	0.764	ug/l	91
88) 1,4-Dichlorobenzene	11.969	146	2728	0.748	ug/l	92
89) n-Butylbenzene	12.335	91	3897	0.596	ug/l	95
90) Hexachloroethane	12.542	117	545	0.501	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	2616	0.762	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	345	0.534	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	1435	0.623	ug/l	96
94) Hexachlorobutadiene	13.725	225	669	0.722	ug/l	99
95) Naphthalene	13.780	128	4834	0.603	ug/l	98
96) 1,2,3-Trichlorobenzene	13.969	180	1655	0.742	ug/l	95

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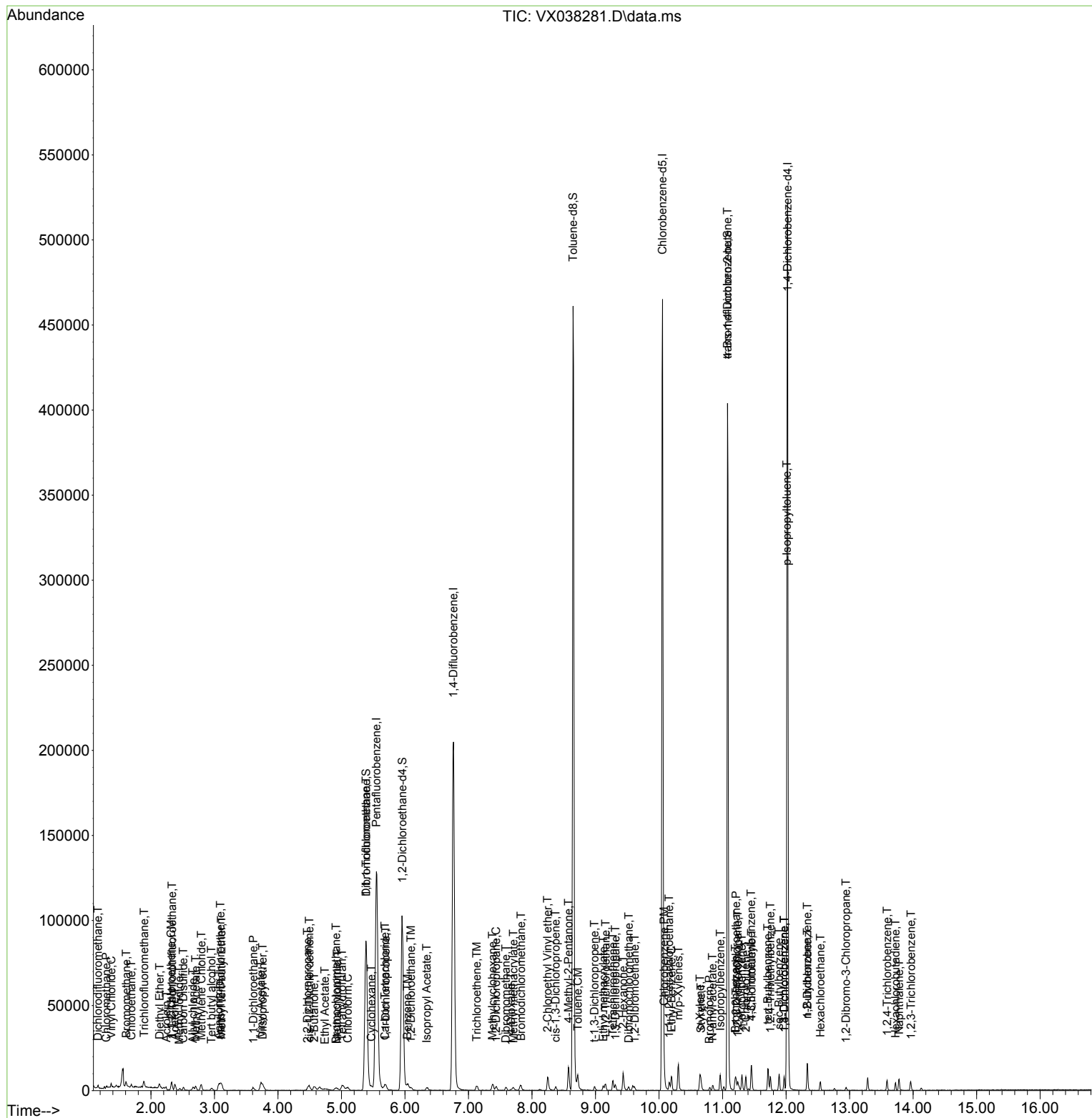
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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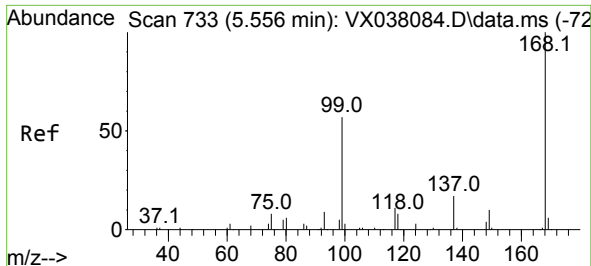
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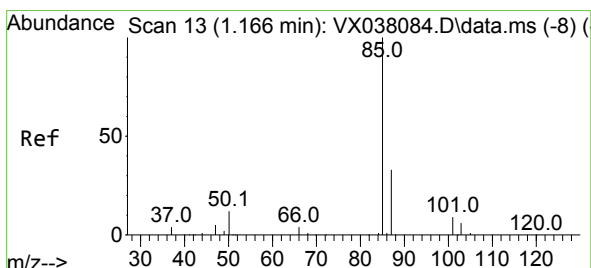
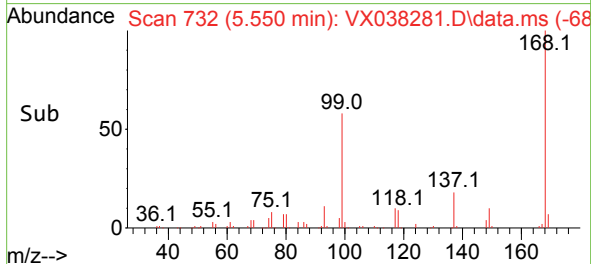
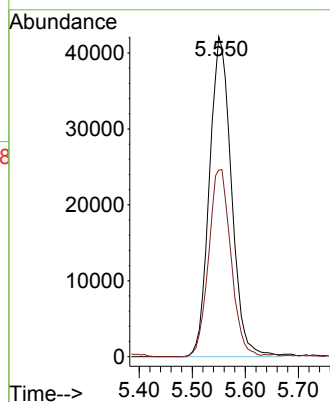
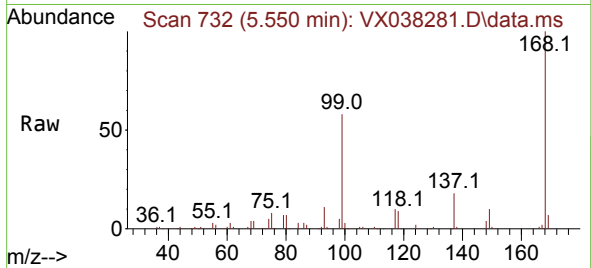




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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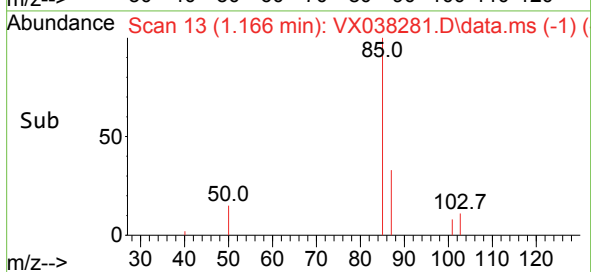
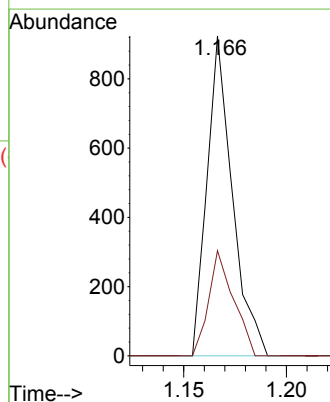
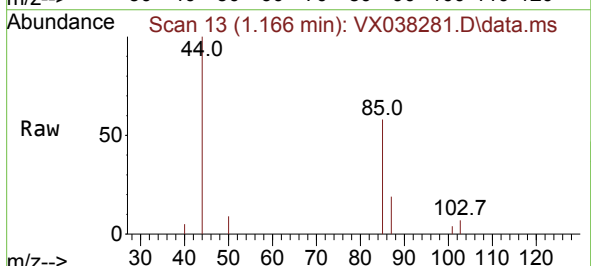
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

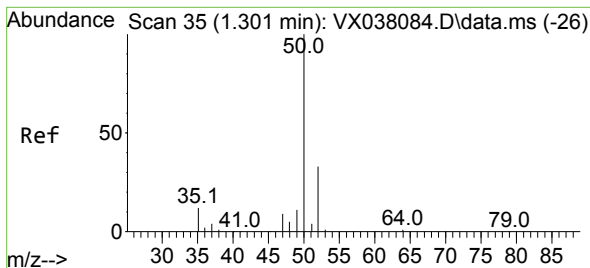
Tgt Ion:168 Resp: 121337
Ion Ratio Lower Upper
168 100
99 58.3 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.676 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

Tgt Ion: 85 Resp: 792
Ion Ratio Lower Upper
85 100
87 32.9 16.7 50.1





#3

Chloromethane

Concen: 0.874 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.007 min

Lab File: VX038281.D

Acq: 13 Oct 2023 13:25

Instrument :

MSVOA_X

ClientSampleId :

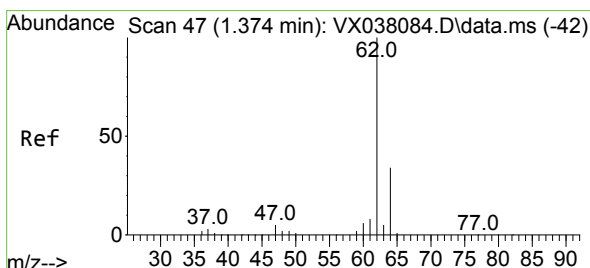
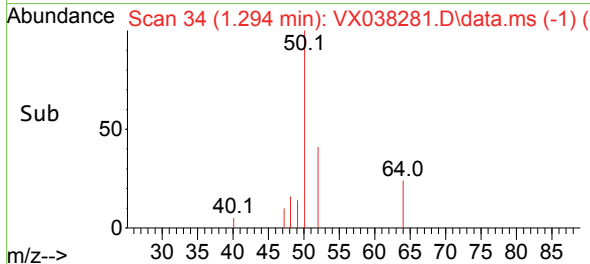
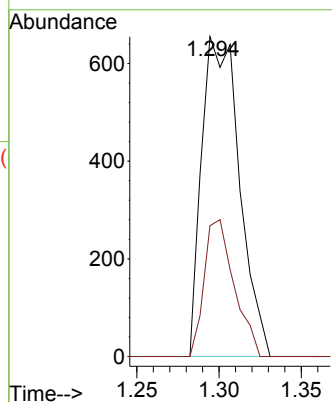
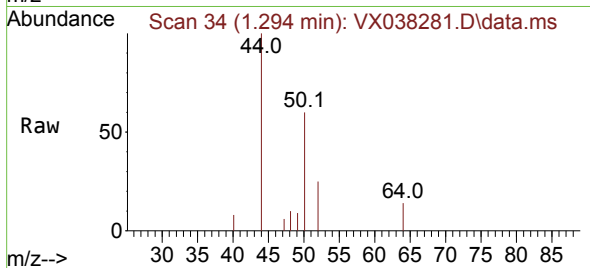
MDL-WATER-03-QT4-2023

Tgt Ion: 50 Resp: 1043

Ion Ratio Lower Upper

50 100

52 40.9 25.5 38.3#



#4

Vinyl Chloride

Concen: 0.966 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX038281.D

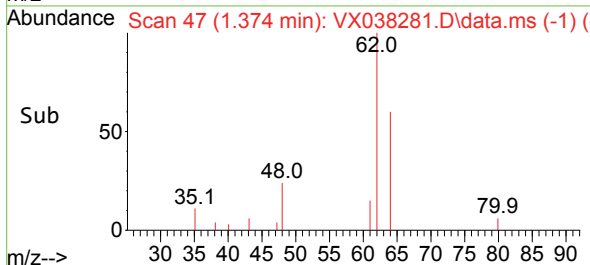
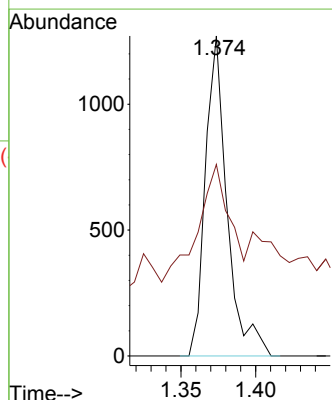
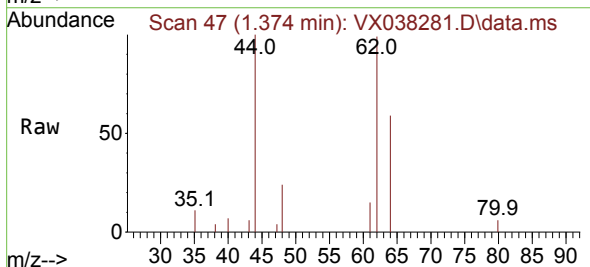
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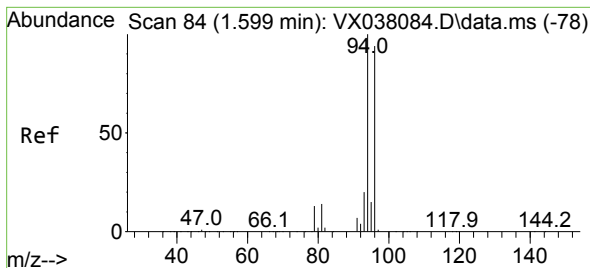
Tgt Ion: 62 Resp: 1279

Ion Ratio Lower Upper

62 100

64 28.6 25.4 38.0





#5

Bromomethane

Concen: 0.691 ug/l

RT: 1.611 min Scan# 80

Delta R.T. 0.012 min

Lab File: VX038281.D

Acq: 13 Oct 2023 13:25

Instrument :

MSVOA_X

ClientSampleId :

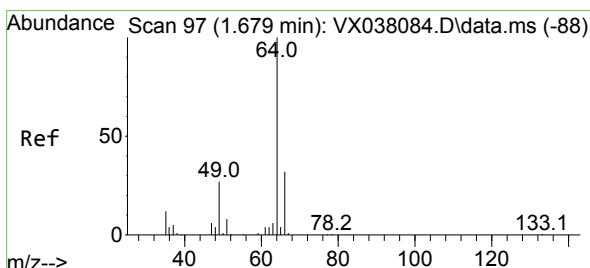
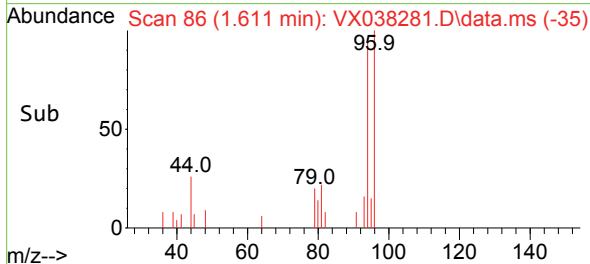
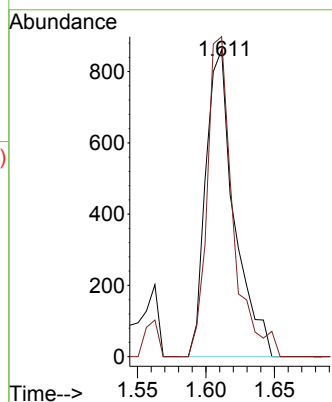
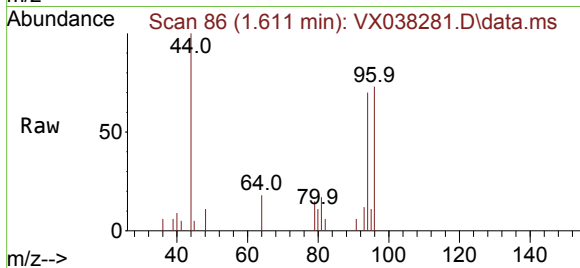
MDL-WATER-03-QT4-2023

Tgt Ion: 94 Resp: 1248

Ion Ratio Lower Upper

94 100

96 104.3 74.6 111.8



#6

Chloroethane

Concen: 0.914 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.012 min

Lab File: VX038281.D

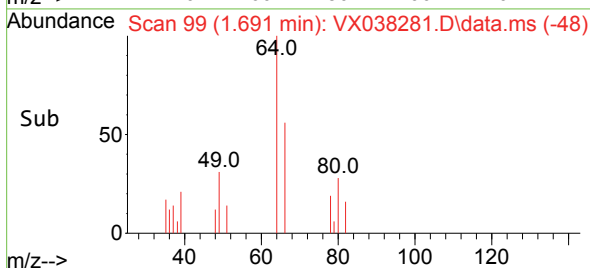
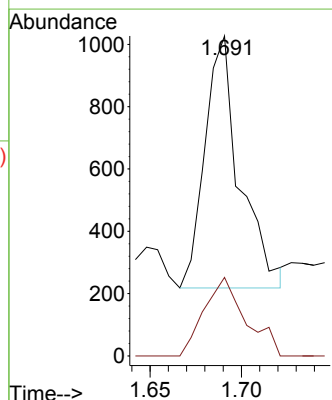
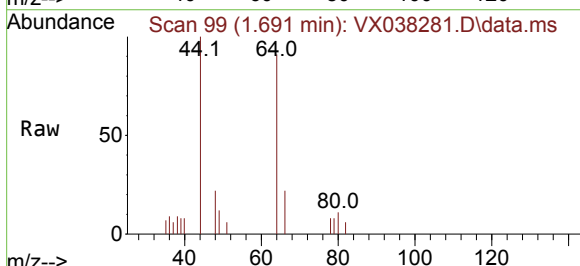
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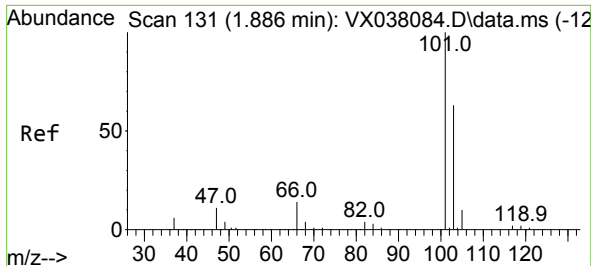
Tgt Ion: 64 Resp: 1073

Ion Ratio Lower Upper

64 100

66 31.1 25.1 37.7

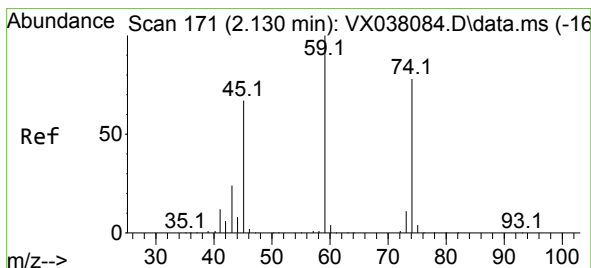
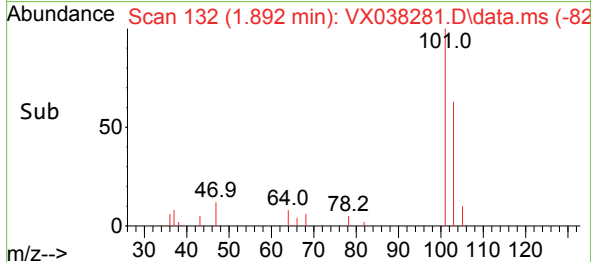
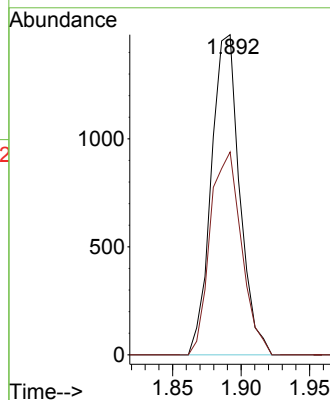
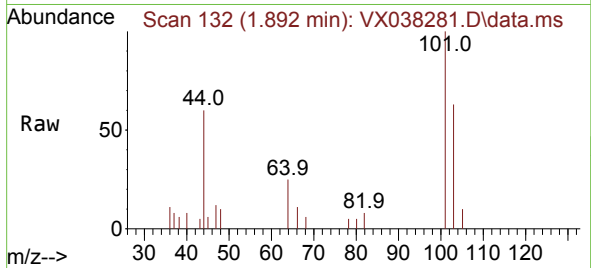




#7
 Trichlorofluoromethane
 Concen: 0.816 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038281.D
 Acq: 13 Oct 2023 13:25

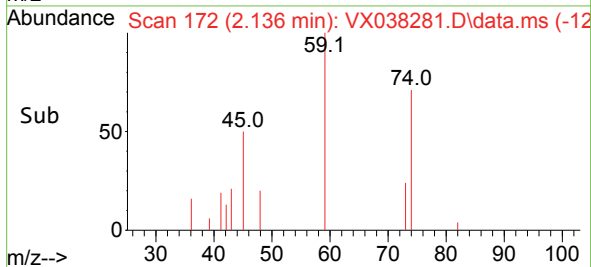
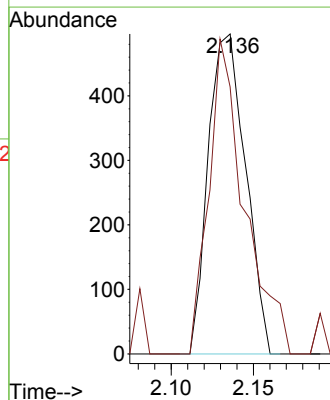
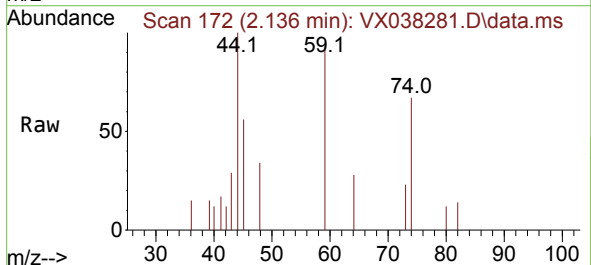
Instrument :
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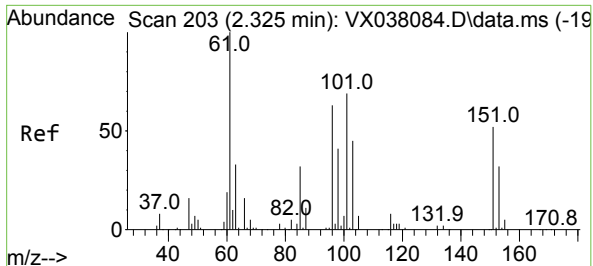
Tgt Ion:101 Resp: 2134
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.4 77.2



#8
 Diethyl Ether
 Concen: 0.802 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX038281.D
 Acq: 13 Oct 2023 13:25

Tgt Ion: 74 Resp: 782
 Ion Ratio Lower Upper
 74 100
 45 94.5 53.3 159.8

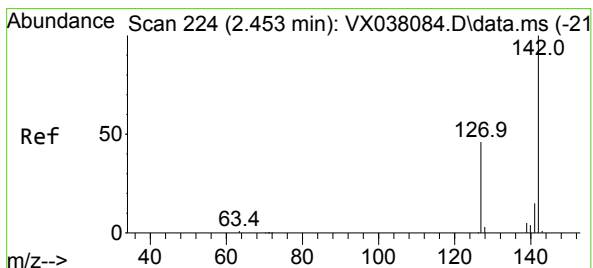
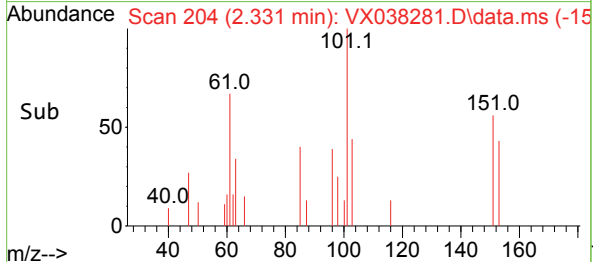
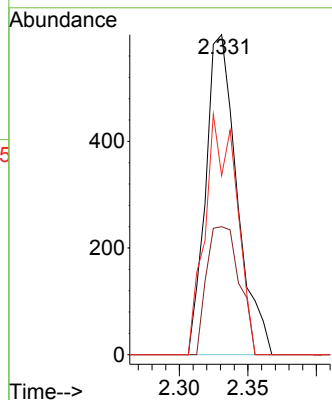
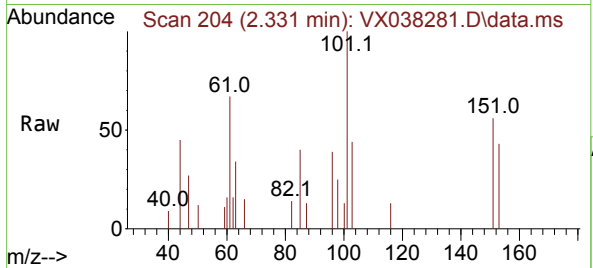




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.838 ug/l
RT: 2.331 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

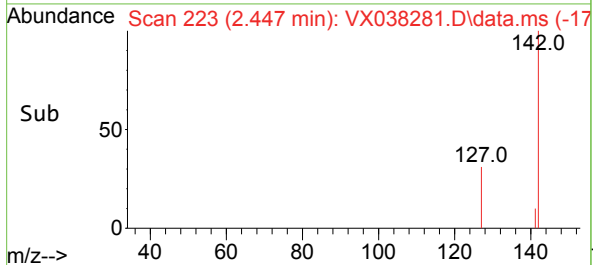
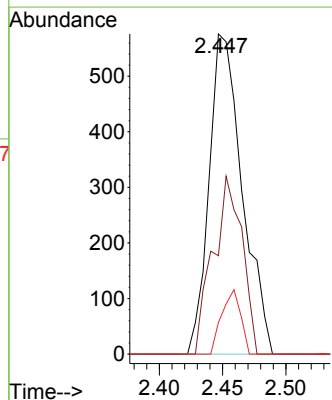
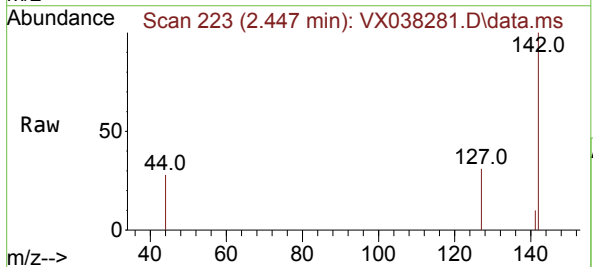
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion:101 Resp: 956
Ion Ratio Lower Upper
101 100
85 41.6 37.0 55.6
151 74.8 58.6 87.8



#10
Methyl Iodide
Concen: 0.641 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

Tgt Ion:142 Resp: 1052
Ion Ratio Lower Upper
142 100
127 48.4 41.6 62.4
141 11.4 11.6 17.4#





#11

Tert butyl alcohol

Concen: 2.866 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX038281.D

Acq: 13 Oct 2023 13:25

Instrument :

MSVOA_X

ClientSampleId :

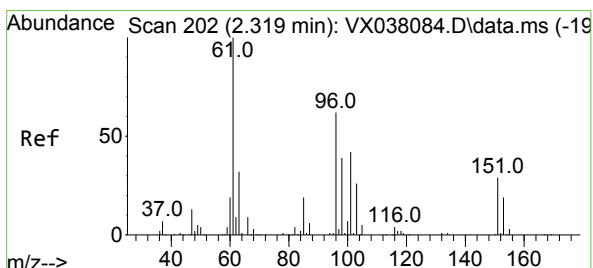
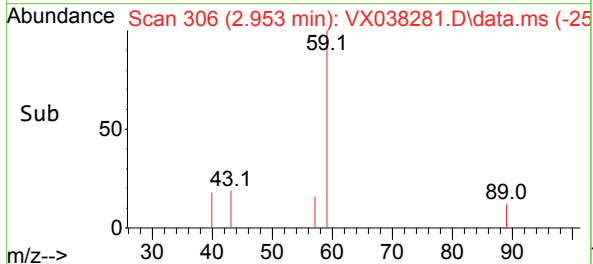
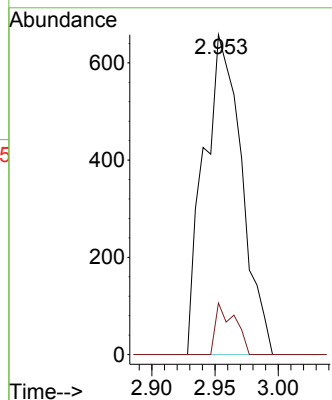
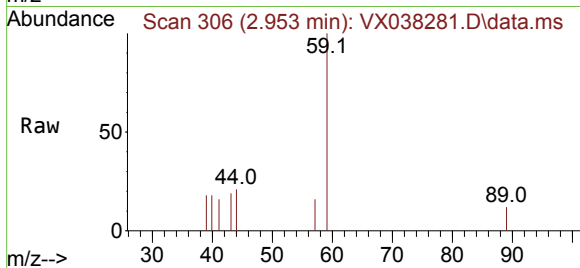
MDL-WATER-03-QT4-2023

Tgt Ion: 59 Resp: 1362

Ion Ratio Lower Upper

59 100

57 8.2 6.0 9.0



#12

1,1-Dichloroethene

Concen: 0.752 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX038281.D

Acq: 13 Oct 2023 13:25

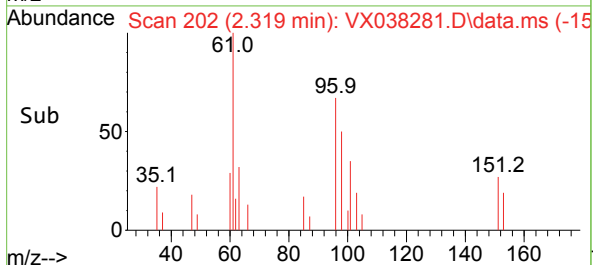
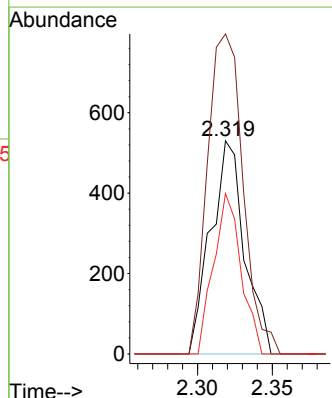
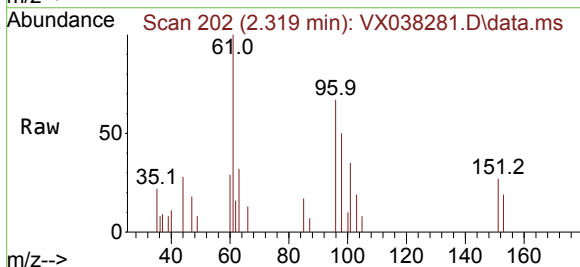
Tgt Ion: 96 Resp: 835

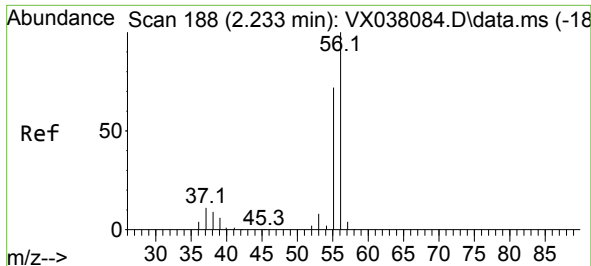
Ion Ratio Lower Upper

96 100

61 150.2 144.6 216.8

98 75.3 50.4 75.6





#13

Acrolein

Concen: 3.997 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038281.D

Acq: 13 Oct 2023 13:25

Instrument :

MSVOA_X

ClientSampleId :

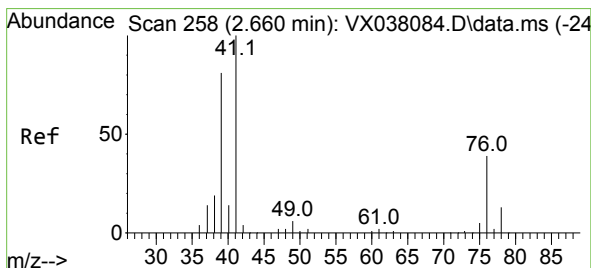
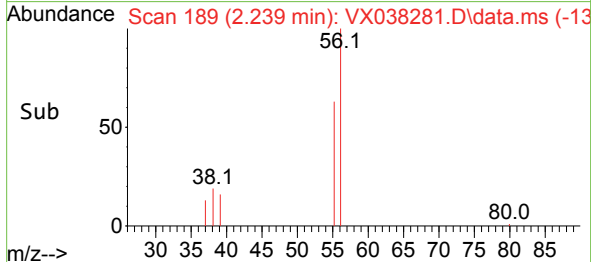
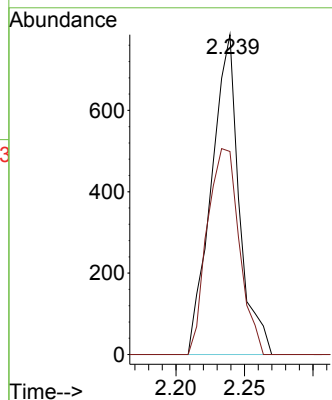
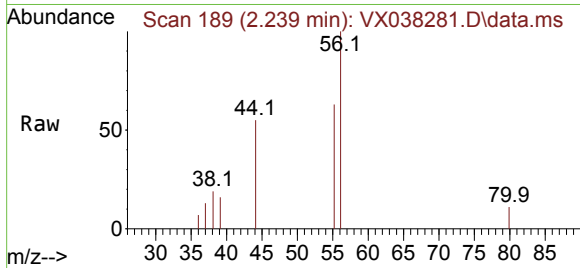
MDL-WATER-03-QT4-2023

Tgt Ion: 56 Resp: 1109

Ion Ratio Lower Upper

56 100

55 74.4 57.1 85.7



#14

Allyl chloride

Concen: 0.705 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX038281.D

Acq: 13 Oct 2023 13:25

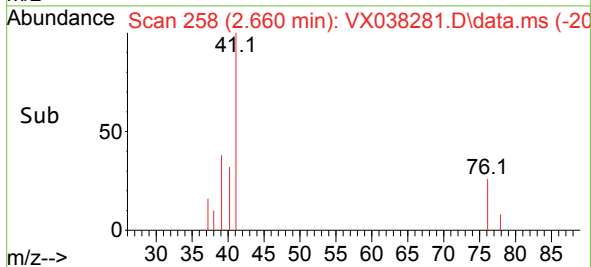
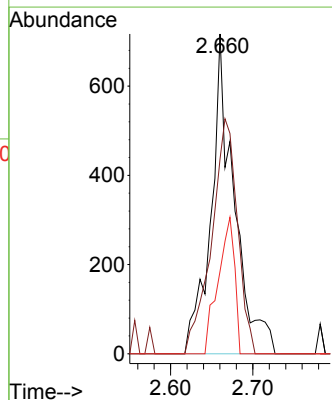
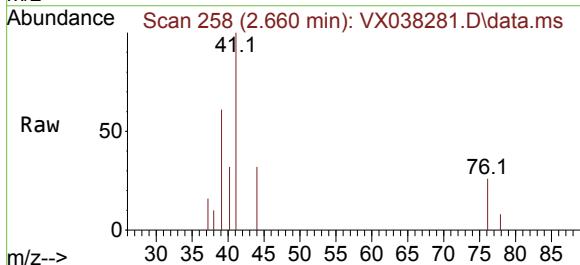
Tgt Ion: 41 Resp: 1400

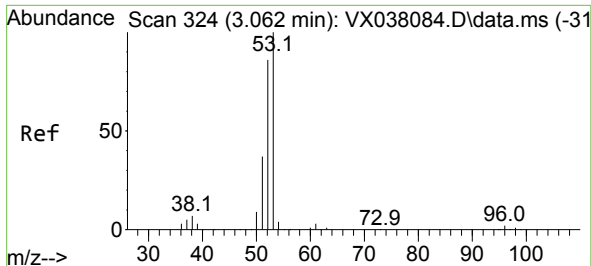
Ion Ratio Lower Upper

41 100

39 82.1 55.8 83.6

76 30.4 24.3 36.5

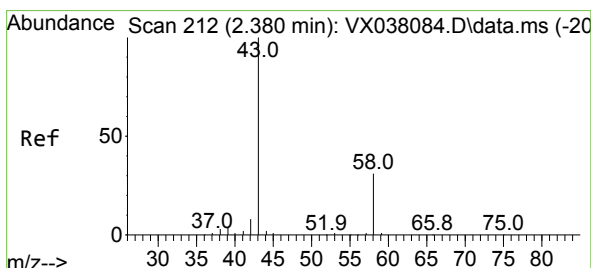
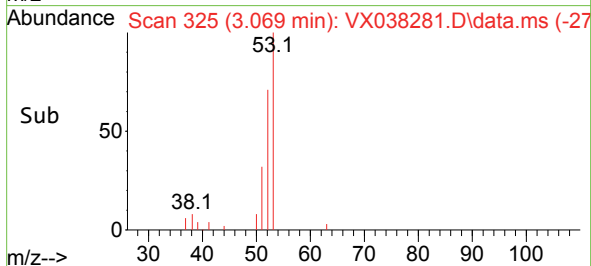
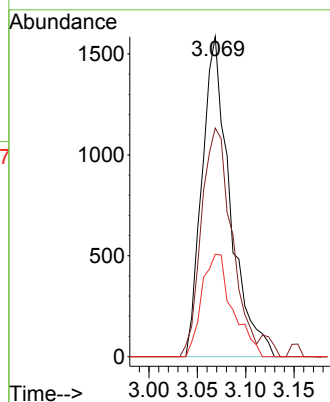
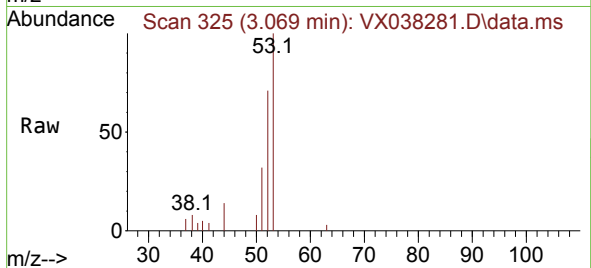




#15
Acrylonitrile
Concen: 3.587 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

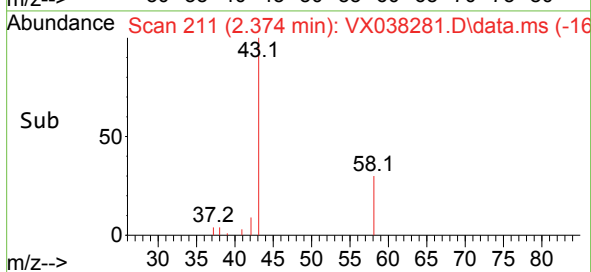
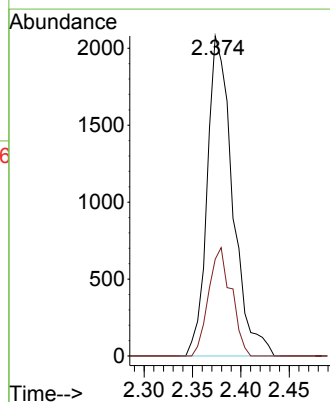
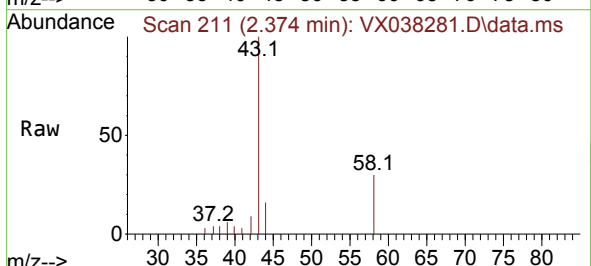
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

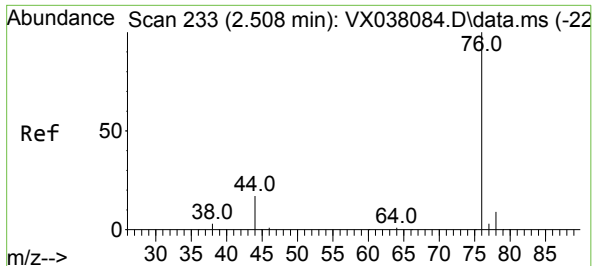
Tgt Ion: 53	Resp:	3186
Ion	Ratio	Lower Upper
53	100	
52	80.7	66.0 99.0
51	35.0	29.8 44.6



#16
Acetone
Concen: 4.663 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

Tgt Ion: 43	Resp:	3798
Ion	Ratio	Lower Upper
43	100	
58	30.3	21.9 32.9





#17

Carbon Disulfide

Concen: 0.677 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX038281.D

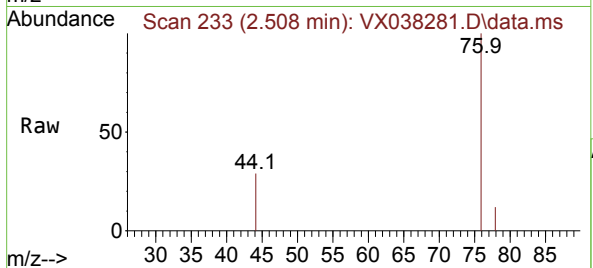
Acq: 13 Oct 2023 13:25

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

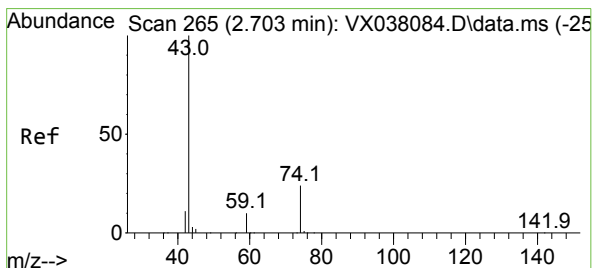
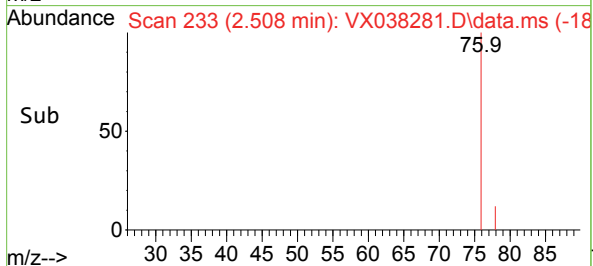
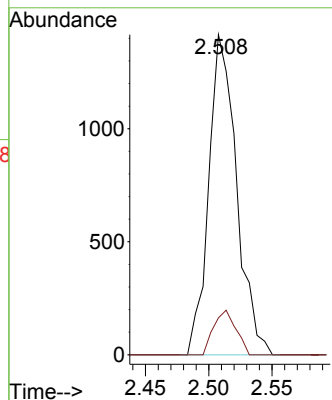


Tgt Ion: 76 Resp: 2165

Ion Ratio Lower Upper

76 100

78 11.5 7.0 10.6#



#18

Methyl Acetate

Concen: 0.769 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX038281.D

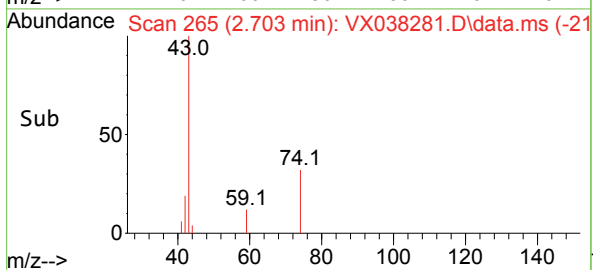
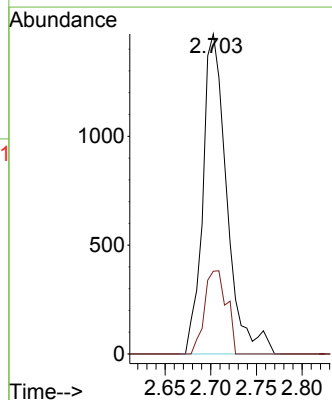
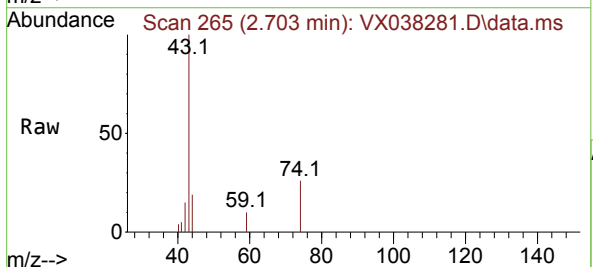
Acq: 13 Oct 2023 13:25

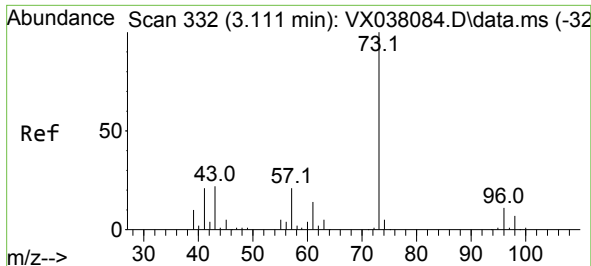
Tgt Ion: 43 Resp: 2687

Ion Ratio Lower Upper

43 100

74 23.9 17.8 26.8

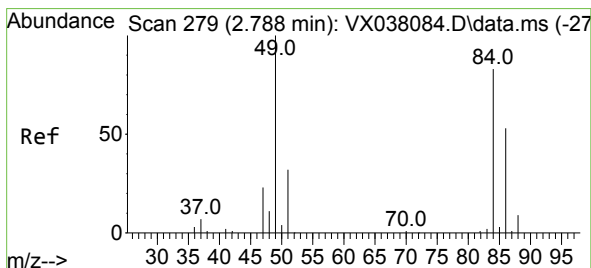
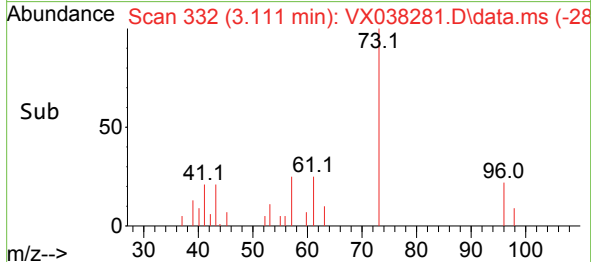
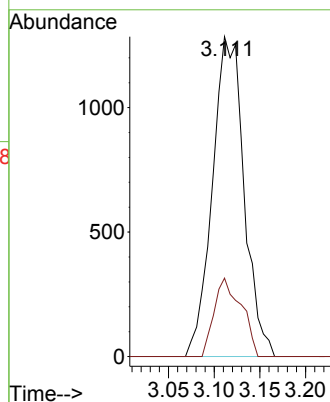
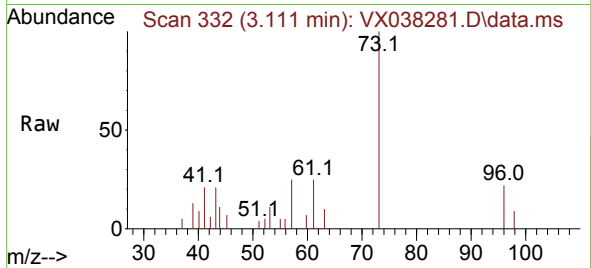




#19
Methyl tert-butyl Ether
Concen: 0.699 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

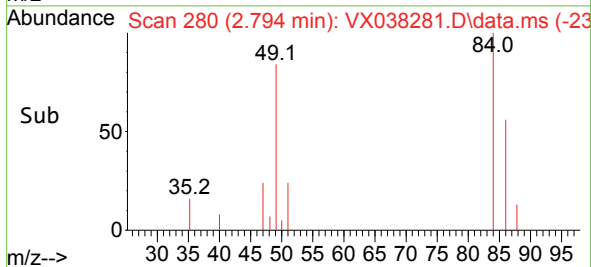
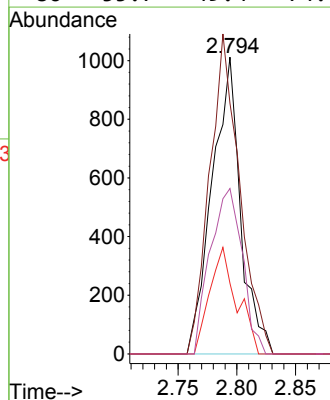
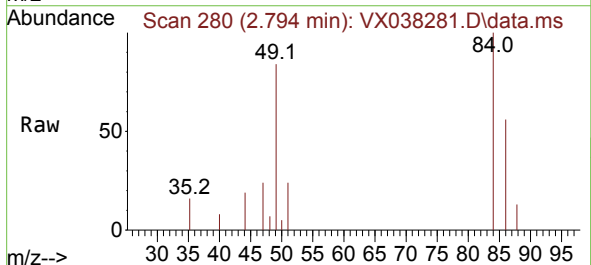
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

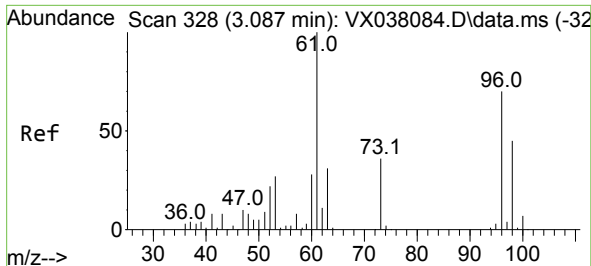
Tgt Ion: 73 Resp: 3090
Ion Ratio Lower Upper
73 100
57 24.5 17.3 25.9



#20
Methylene Chloride
Concen: 1.114 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

Tgt Ion: 84 Resp: 1706
Ion Ratio Lower Upper
84 100
49 84.5 103.6 155.4#
51 23.8 33.8 50.6#
86 55.7 49.4 74.0

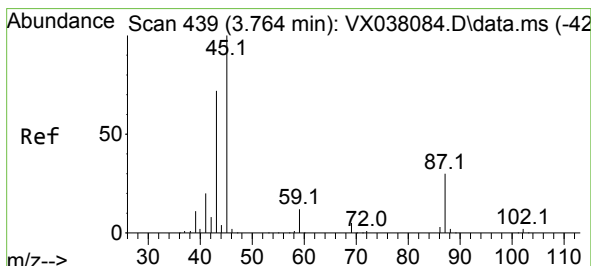
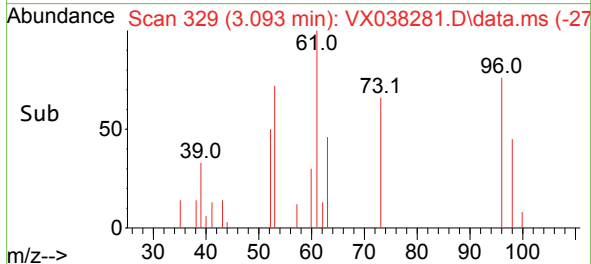
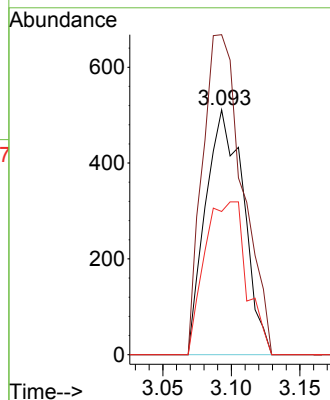
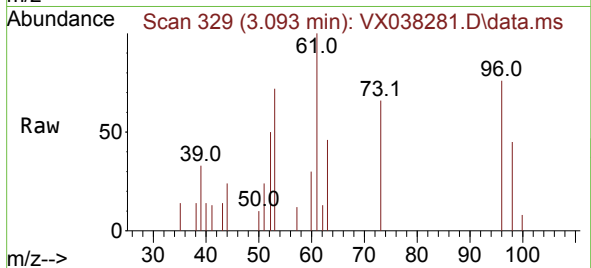




#21
trans-1,2-Dichloroethene
Concen: 0.714 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

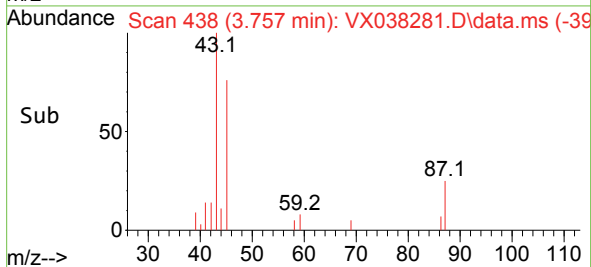
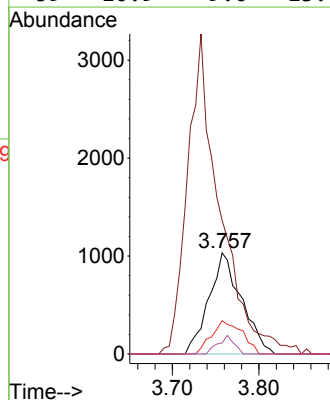
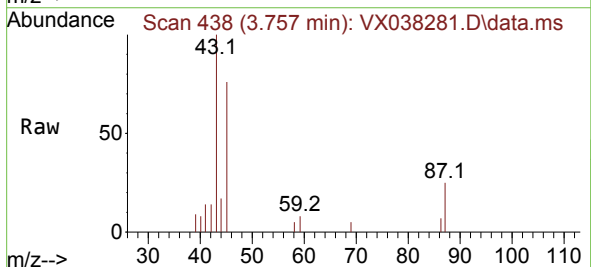
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

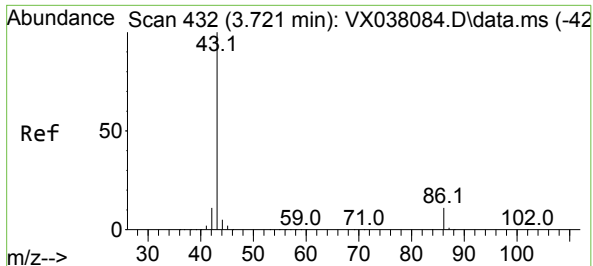
Tgt Ion: 96 Resp: 981
Ion Ratio Lower Upper
96 100
61 130.7 119.2 178.8
98 58.5 48.7 73.1



#22
Diisopropyl ether
Concen: 0.647 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

Tgt Ion: 45 Resp: 2694
Ion Ratio Lower Upper
45 100
43 123.6 69.7 104.5#
87 32.8 20.8 31.2#
59 10.9 9.0 13.4





#23

Vinyl Acetate

Concen: 2.785 ug/l

RT: 3.733 min Scan# 41

Delta R.T. 0.012 min

Lab File: VX038281.D

Acq: 13 Oct 2023 13:25

Instrument :

MSVOA_X

ClientSampleId :

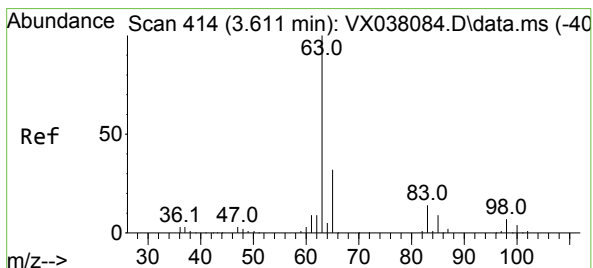
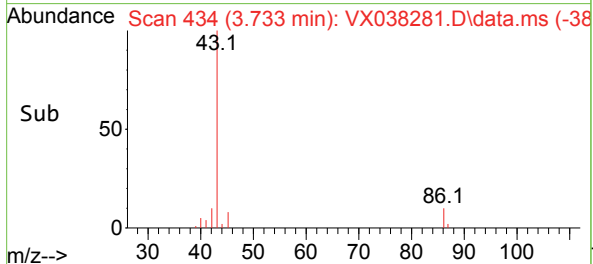
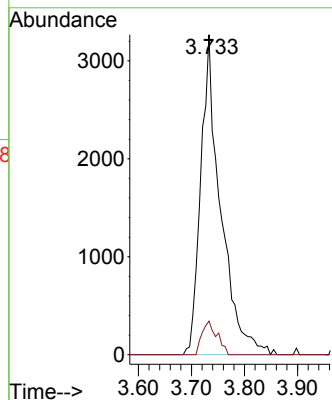
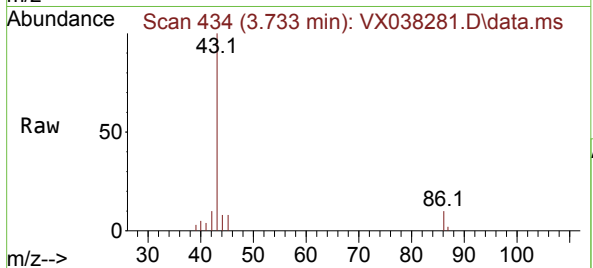
MDL-WATER-03-QT4-2023

Tgt Ion: 43 Resp: 8501

Ion Ratio Lower Upper

43 100

86 10.5 7.8 11.8



#24

1,1-Dichloroethane

Concen: 0.739 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX038281.D

Acq: 13 Oct 2023 13:25

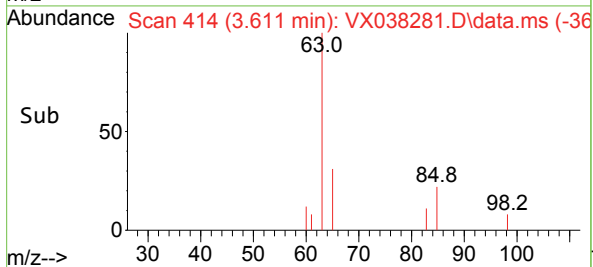
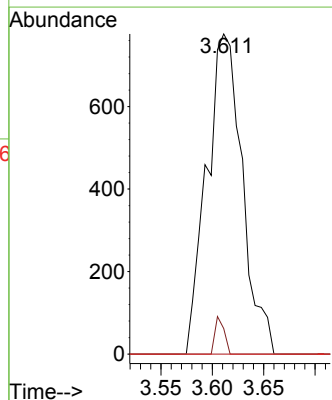
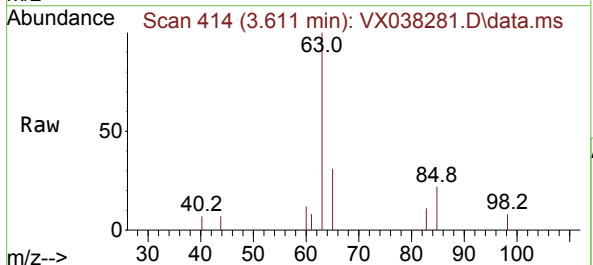
Tgt Ion: 63 Resp: 1867

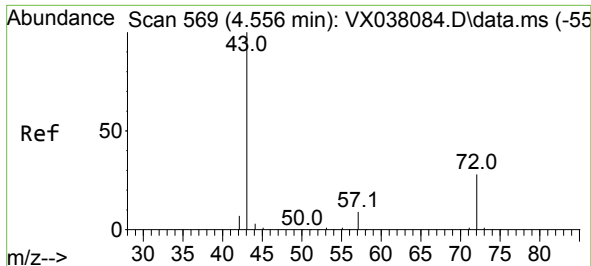
Ion Ratio Lower Upper

63 100

98 8.0 3.3 9.8

100 0.0 2.1 6.5

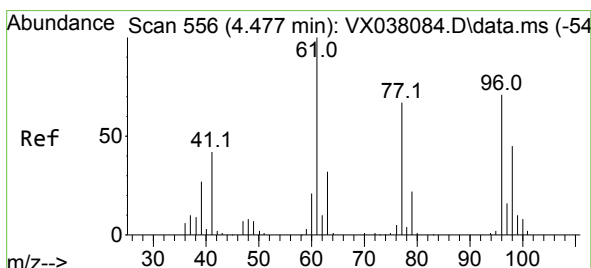
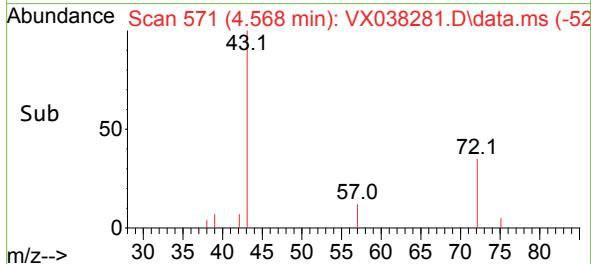
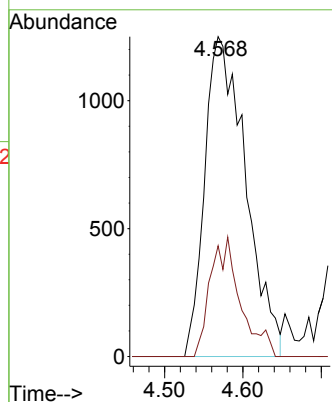
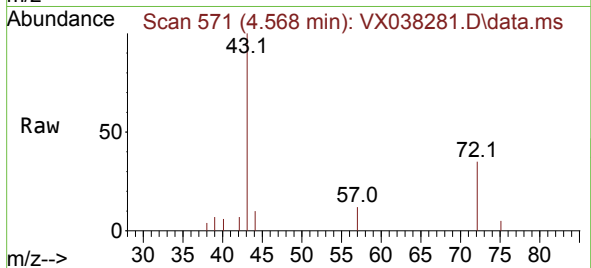




#25
2-Butanone
Concen: 3.446 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

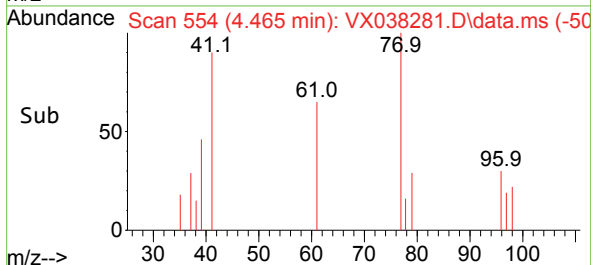
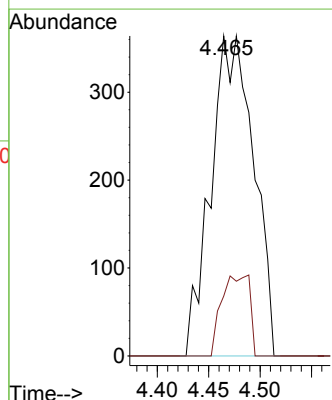
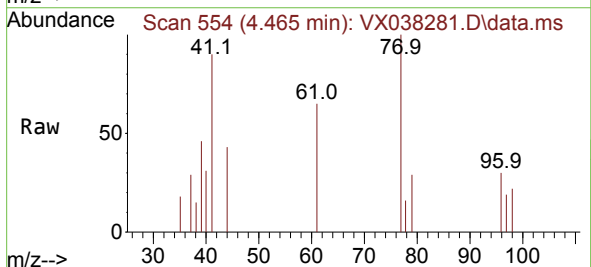
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

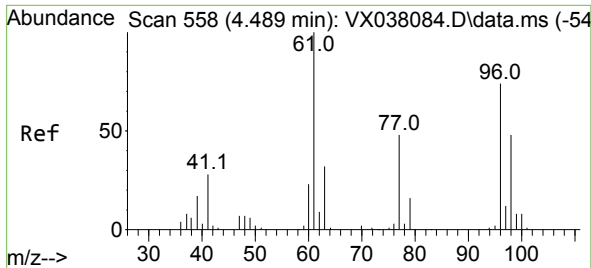
Tgt Ion: 43 Resp: 4529
Ion Ratio Lower Upper
43 100
72 34.6 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 0.536 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.012 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

Tgt Ion: 77 Resp: 1056
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#

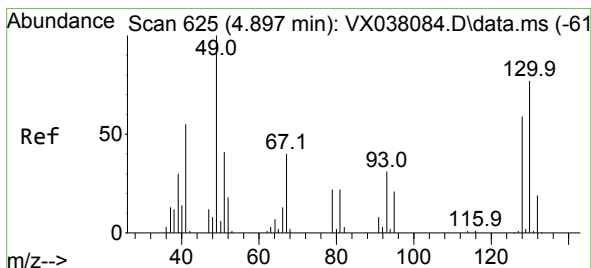
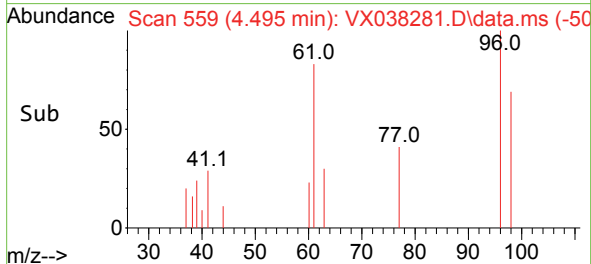
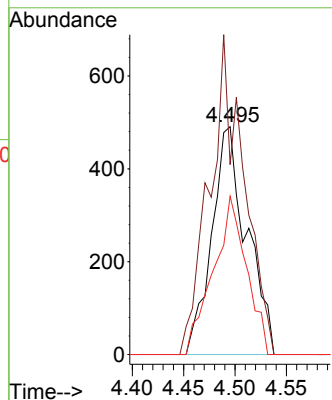
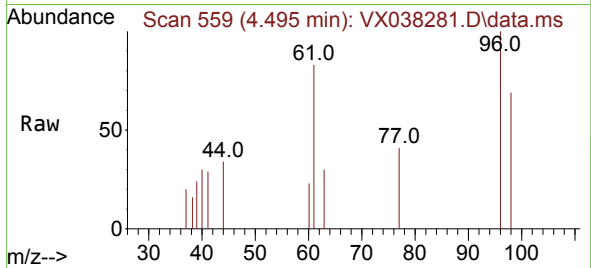




#27
 cis-1,2-Dichloroethene
 Concen: 0.712 ug/l
 RT: 4.495 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: VX038281.D
 Acq: 13 Oct 2023 13:25

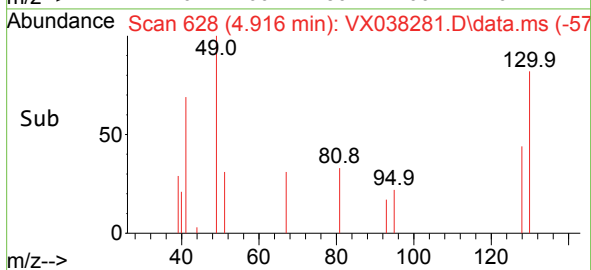
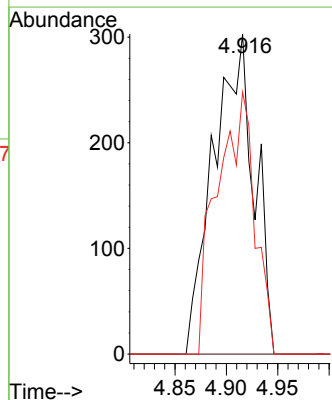
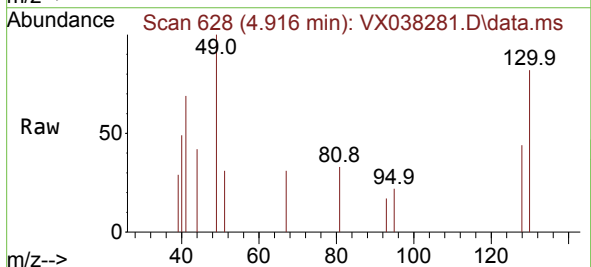
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2023

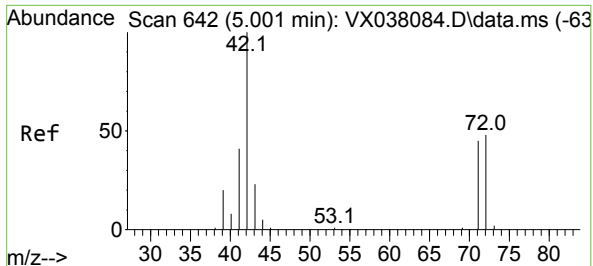
Tgt Ion: 96 Resp: 1165
 Ion Ratio Lower Upper
 96 100
 61 137.1 0.0 312.2
 98 65.5 0.0 129.0



#28
 Bromochloromethane
 Concen: 0.731 ug/l
 RT: 4.916 min Scan# 628
 Delta R.T. 0.019 min
 Lab File: VX038281.D
 Acq: 13 Oct 2023 13:25

Tgt Ion: 49 Resp: 834
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 75.7 57.5 86.3





#29

Tetrahydrofuran

Concen: 1.655 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX038281.D

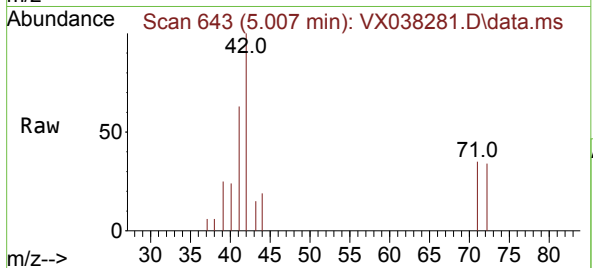
Acq: 13 Oct 2023 13:25

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023



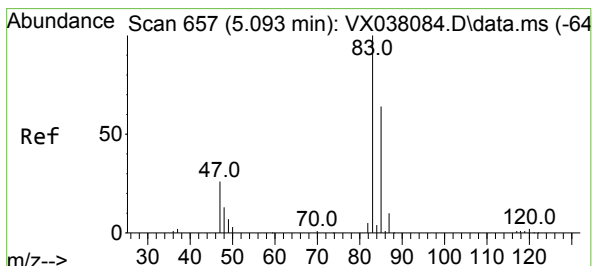
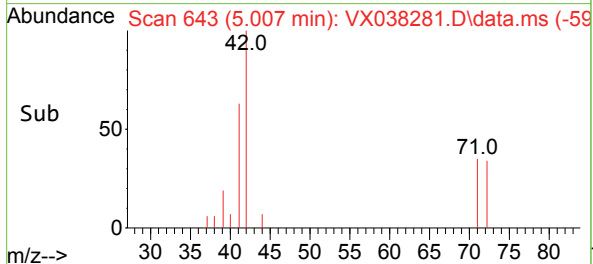
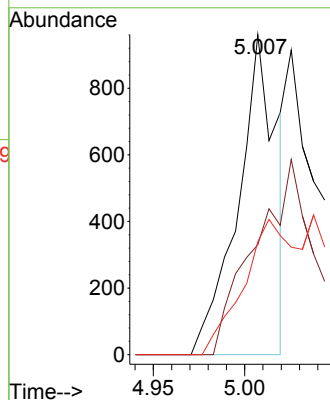
Tgt Ion: 42 Resp: 1416

Ion Ratio Lower Upper

42 100

72 103.7 34.2 51.4#

71 59.0 32.2 48.2#



#30

Chloroform

Concen: 0.722 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX038281.D

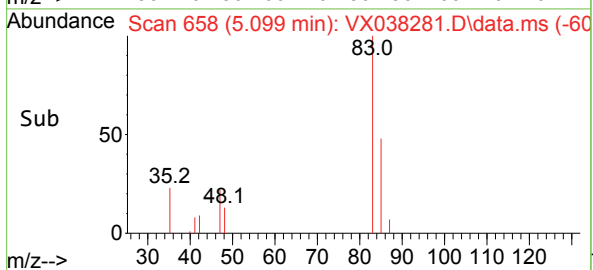
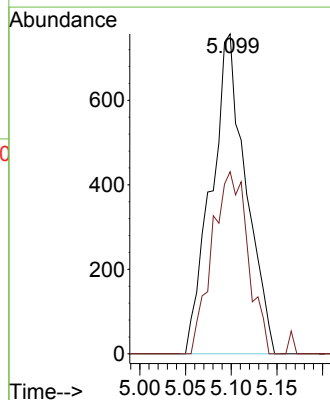
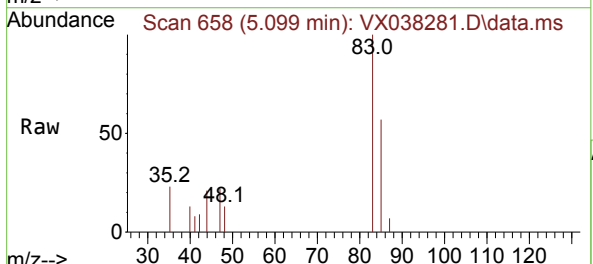
Acq: 13 Oct 2023 13:25

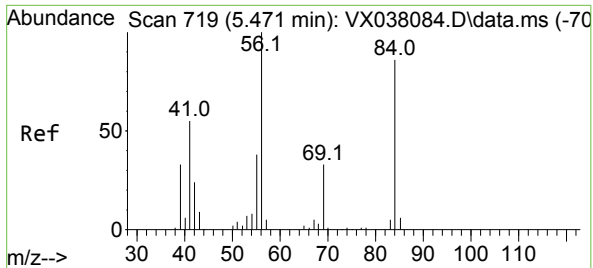
Tgt Ion: 83 Resp: 1993

Ion Ratio Lower Upper

83 100

85 56.9 50.3 75.5

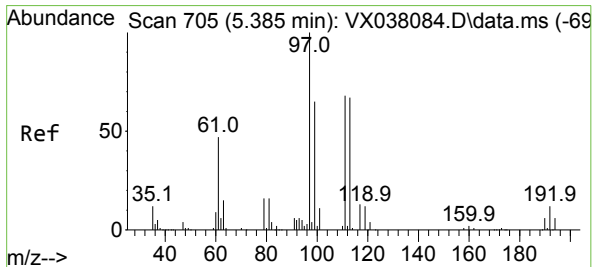
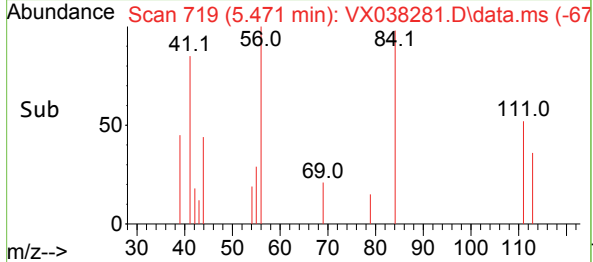
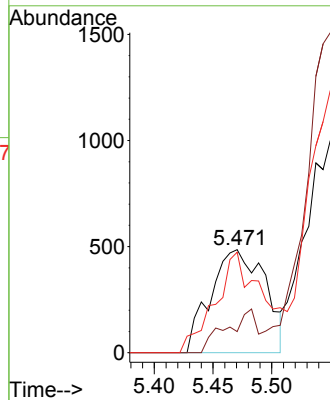
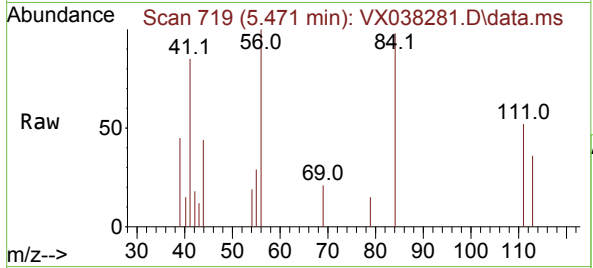




#31
Cyclohexane
Concen: 0.743 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

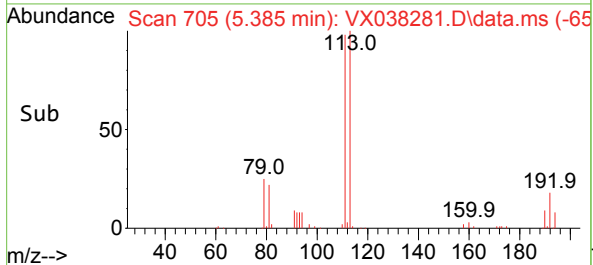
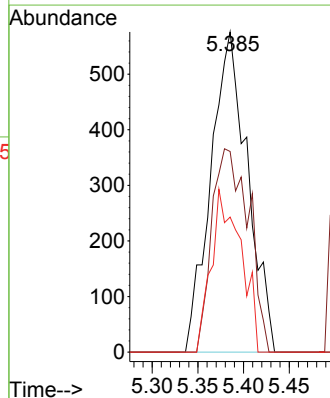
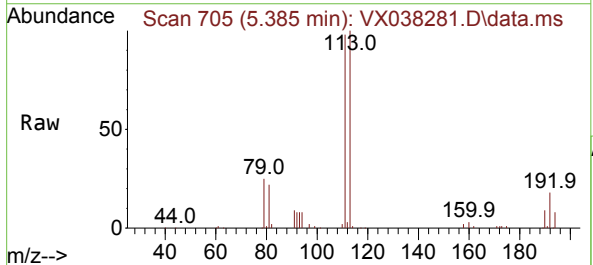
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

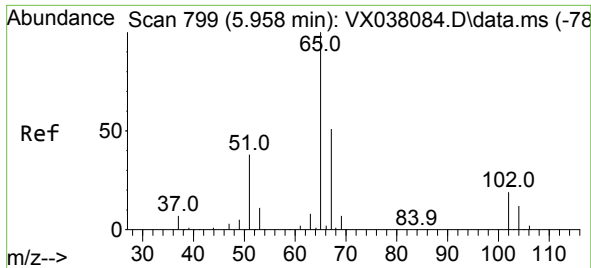
Tgt Ion: 56 Resp: 1571
Ion Ratio Lower Upper
56 100
69 20.6 23.4 35.2#
84 97.5 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 0.681 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

Tgt Ion: 97 Resp: 1612
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 40.8 36.4 54.6

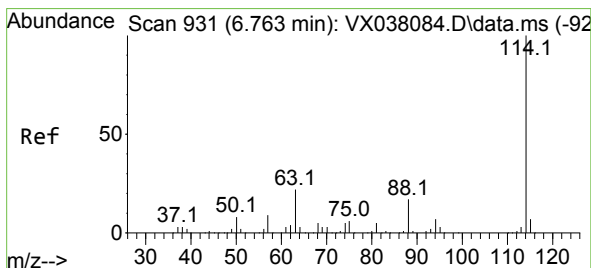
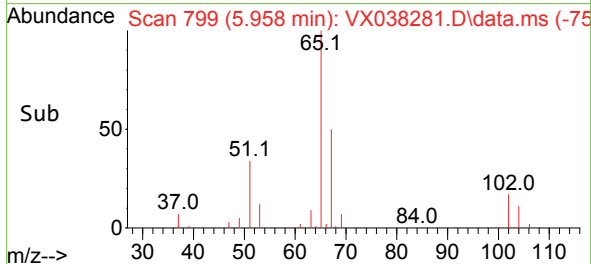
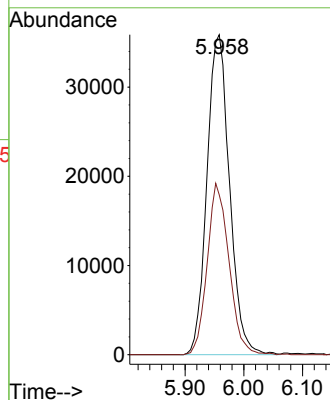
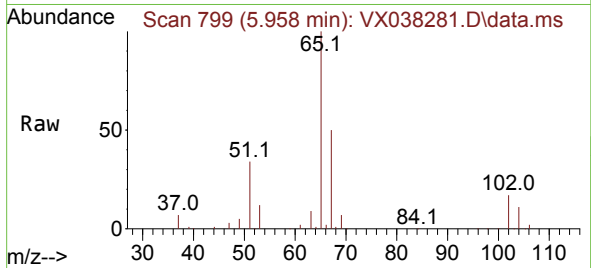




#33
 1,2-Dichloroethane-d4
 Concen: 49.105 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038281.D
 Acq: 13 Oct 2023 13:25

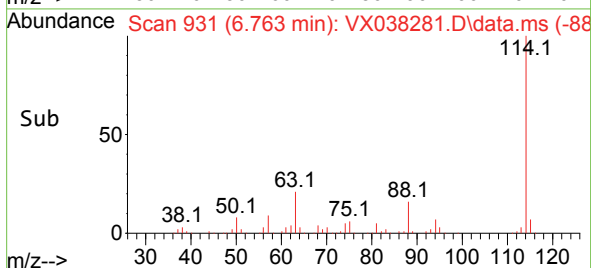
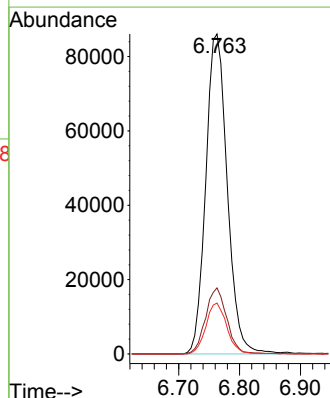
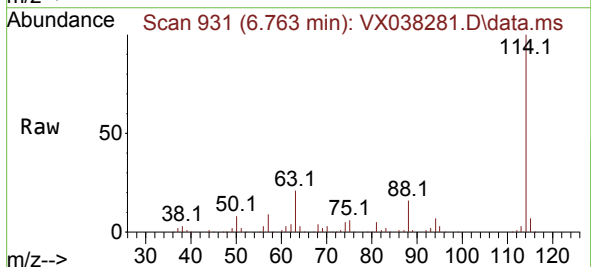
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2023

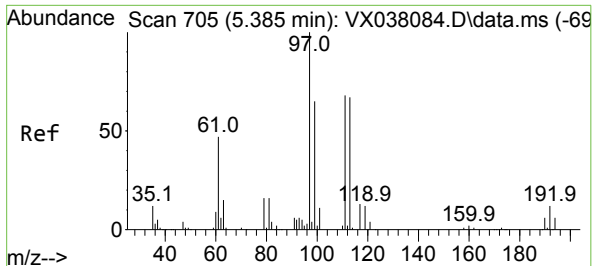
Tgt Ion: 65 Resp: 95835
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038281.D
 Acq: 13 Oct 2023 13:25

Tgt Ion: 114 Resp: 210939
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 45.0
 88 15.9 0.0 36.6

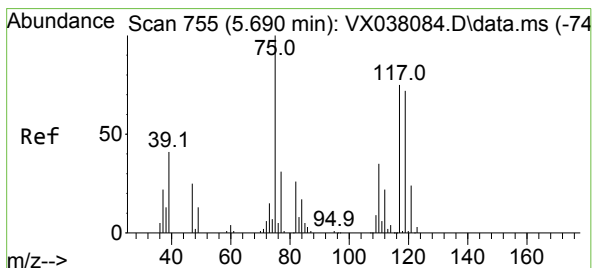
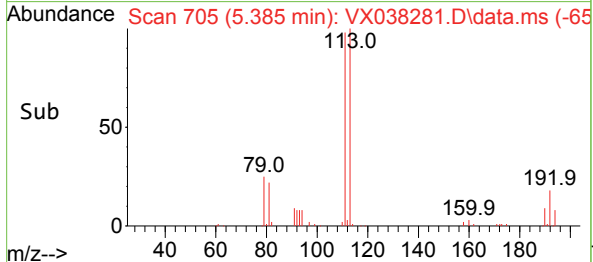
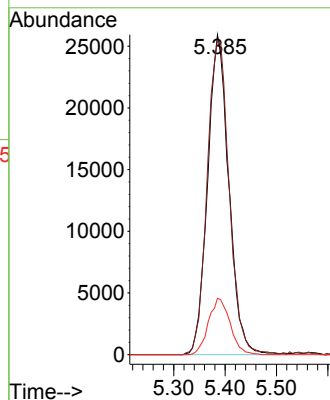
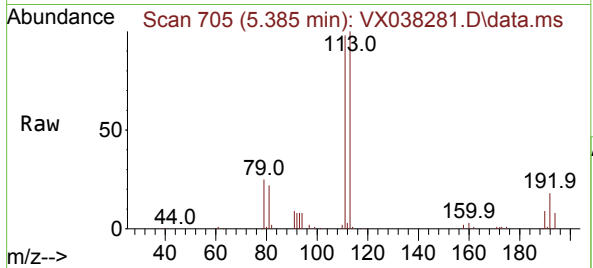




#35
Dibromofluoromethane
Concen: 48.893 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

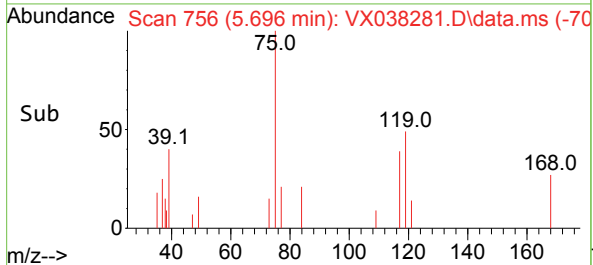
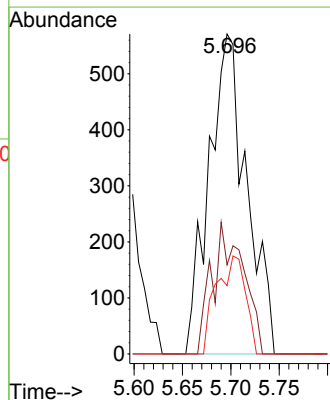
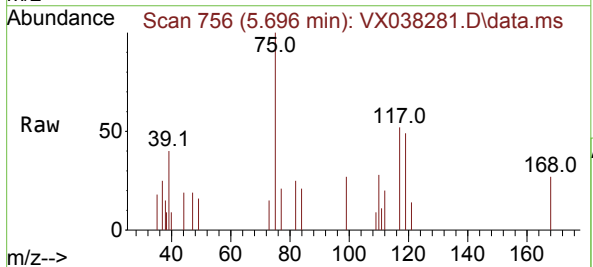
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

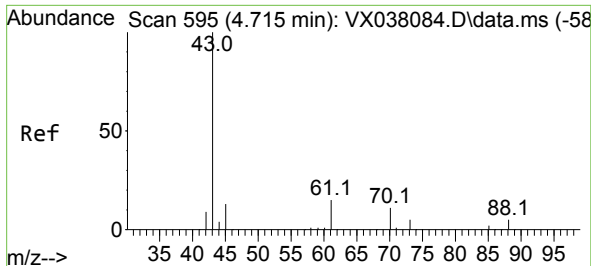
Tgt Ion:113 Resp: 74315
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 17.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 0.740 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

Tgt Ion: 75 Resp: 1550
Ion Ratio Lower Upper
75 100
110 34.1 17.0 50.9
77 23.7 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.822 ug/l

RT: 4.739 min Scan# 599

Delta R.T. 0.024 min

Lab File: VX038281.D

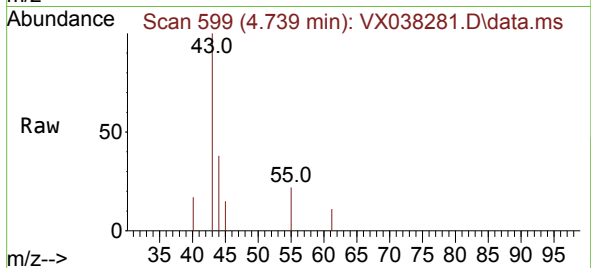
Acq: 13 Oct 2023 13:25

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023



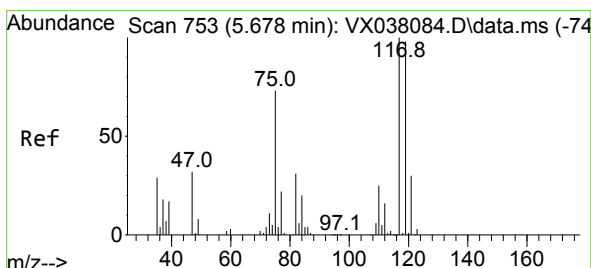
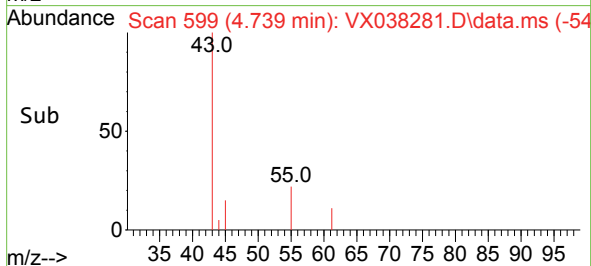
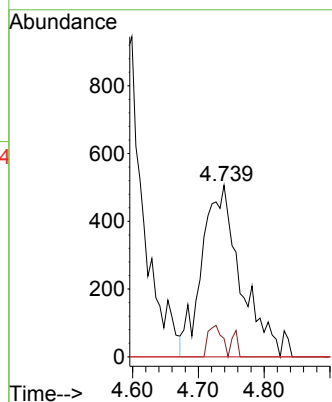
Tgt Ion: 43 Resp: 2046

Ion Ratio Lower Upper

43 100

61 6.6 10.6 16.0#

70 0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 0.705 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.006 min

Lab File: VX038281.D

Acq: 13 Oct 2023 13:25

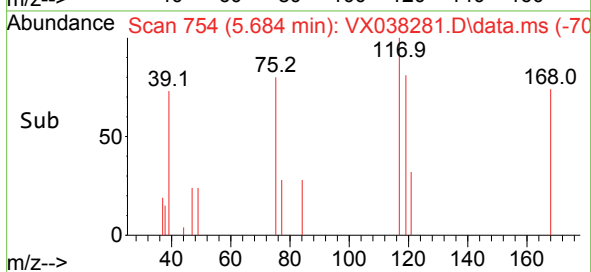
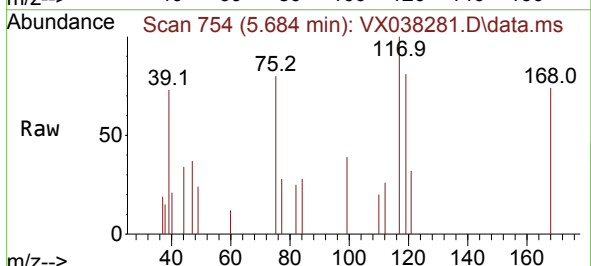
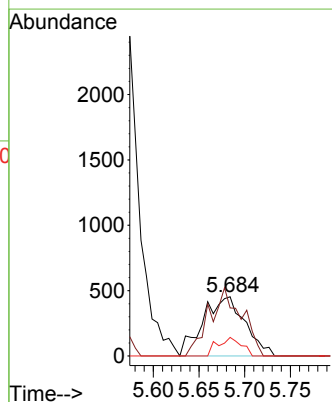
Tgt Ion: 117 Resp: 1454

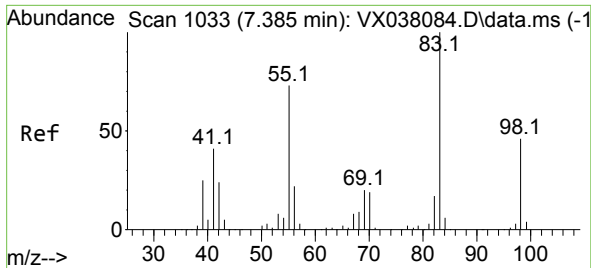
Ion Ratio Lower Upper

117 100

119 81.0 78.2 117.2

121 31.6 24.4 36.6





#39

Methylcyclohexane

Concen: 0.636 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX038281.D

Acq: 13 Oct 2023 13:25

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

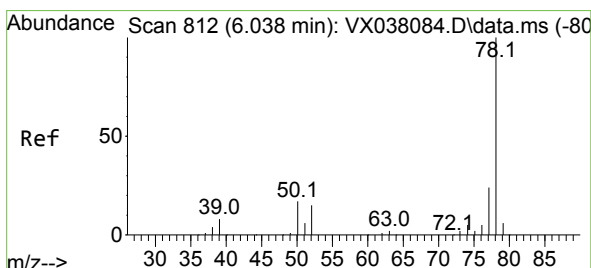
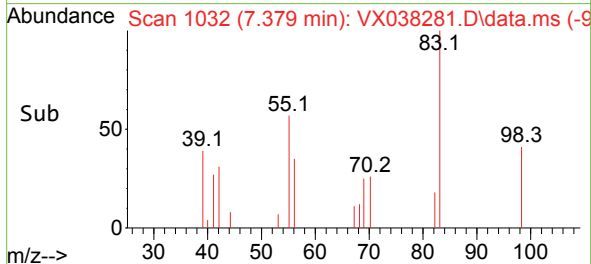
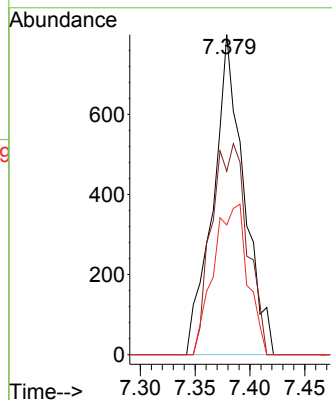
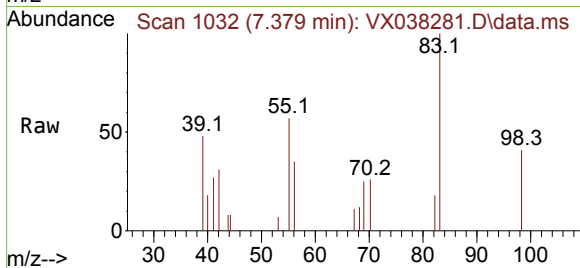
Tgt Ion: 83 Resp: 1561

Ion Ratio Lower Upper

83 100

55 57.3 64.6 97.0#

98 40.6 36.7 55.1



#40

Benzene

Concen: 0.713 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.001 min

Lab File: VX038281.D

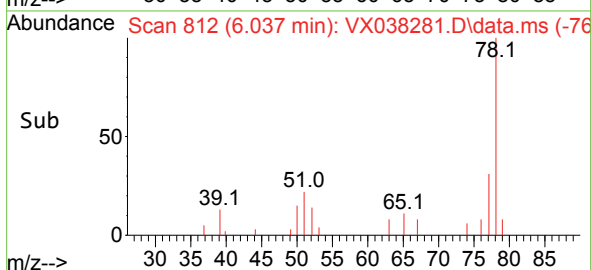
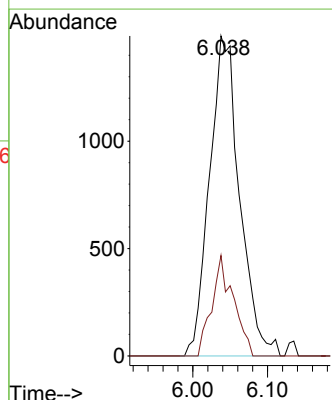
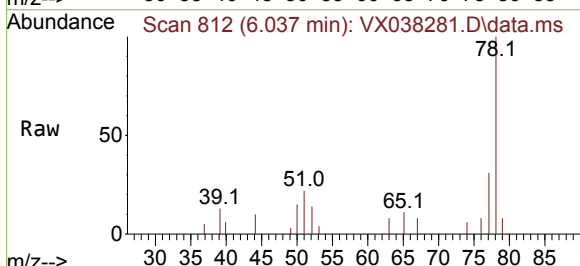
Acq: 13 Oct 2023 13:25

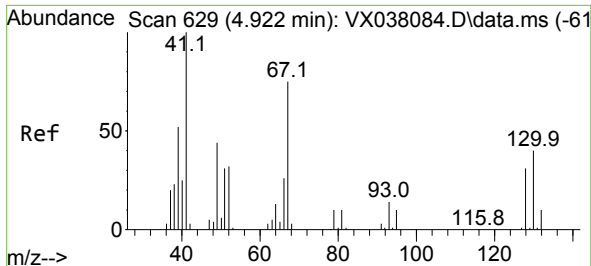
Tgt Ion: 78 Resp: 4177

Ion Ratio Lower Upper

78 100

77 31.4 19.3 28.9#

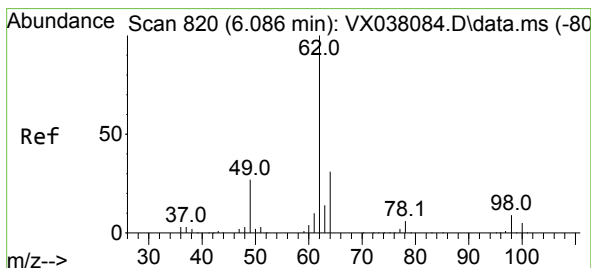
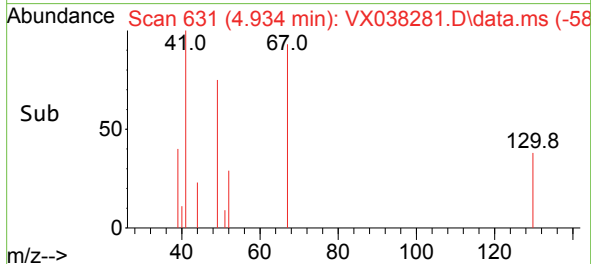
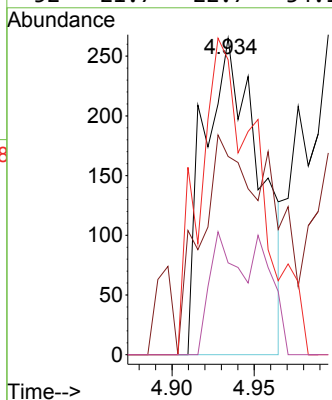
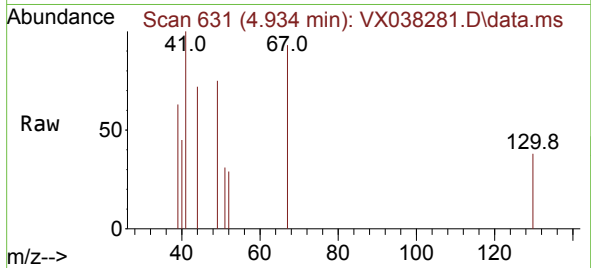




#41
Methacrylonitrile
Concen: 0.503 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

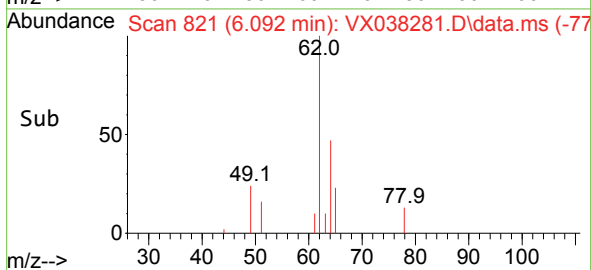
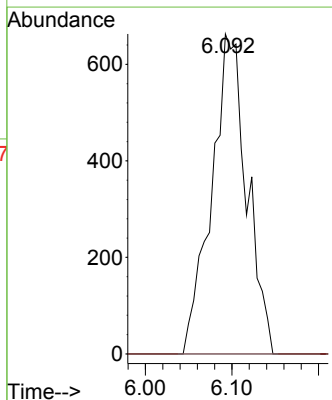
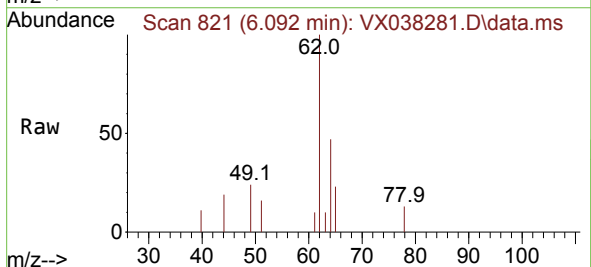
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

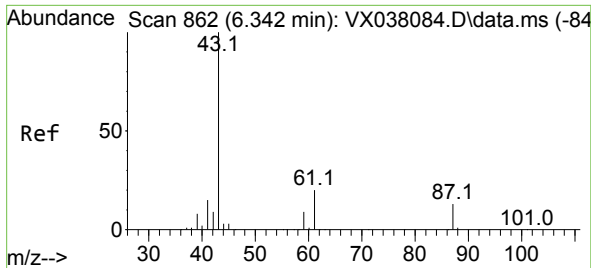
Tgt Ion: 41	Resp: 623
Ion Ratio	Lower Upper
41 100	
39 63.2	45.2 67.8
67 105.6	52.6 78.8#
52 21.7	22.7 34.1#



#42
1,2-Dichloroethane
Concen: 0.801 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

Tgt Ion: 62	Resp: 1876
Ion Ratio	Lower Upper
62 100	
98 0.0	0.0 16.0





#43

Isopropyl Acetate

Concen: 0.618 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX038281.D

Acq: 13 Oct 2023 13:25

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

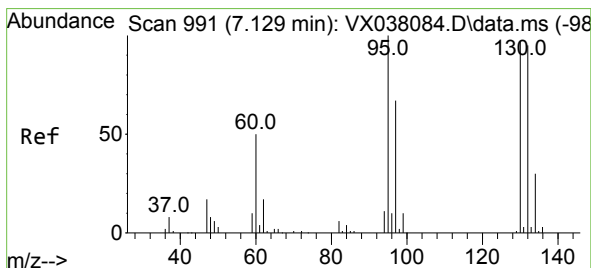
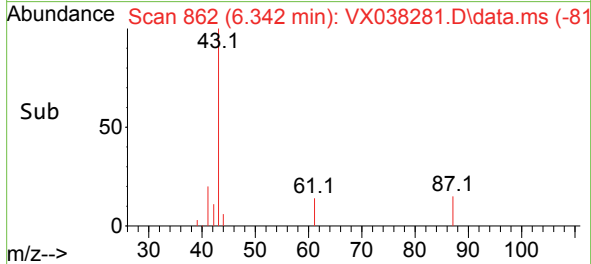
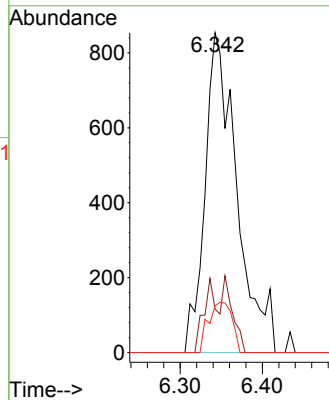
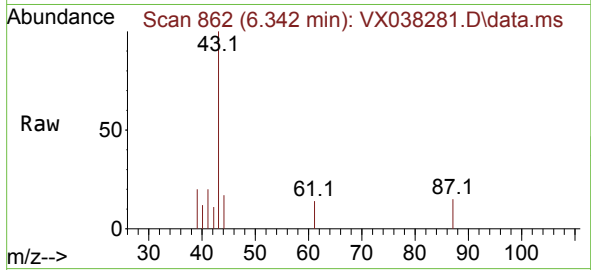
Tgt Ion: 43 Resp: 2295

Ion Ratio Lower Upper

43 100

61 7.5 15.2 22.8#

87 11.7 9.8 14.6



#44

Trichloroethene

Concen: 0.719 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX038281.D

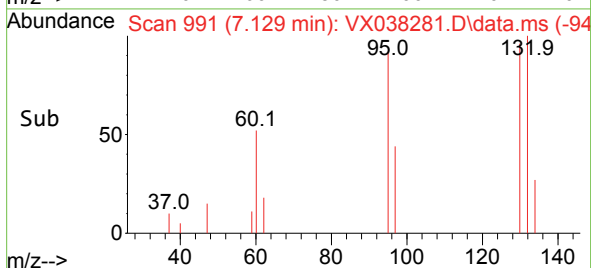
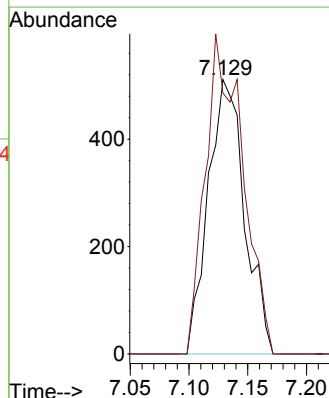
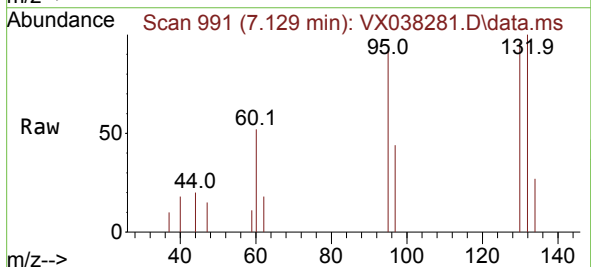
Acq: 13 Oct 2023 13:25

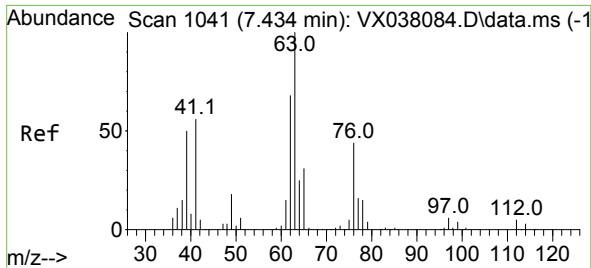
Tgt Ion:130 Resp: 1102

Ion Ratio Lower Upper

130 100

95 95.1 0.0 204.4

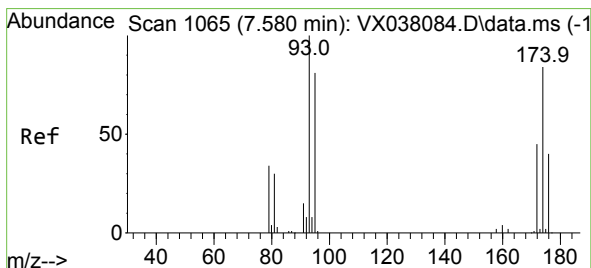
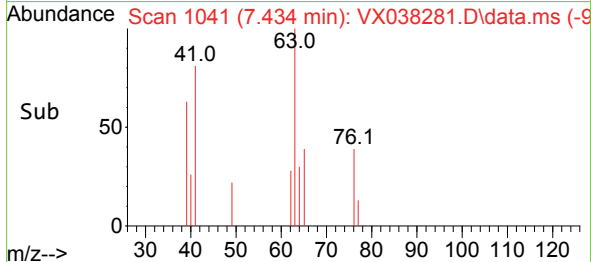
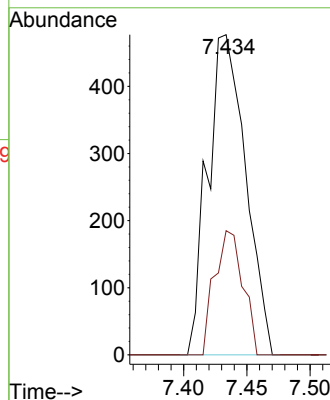
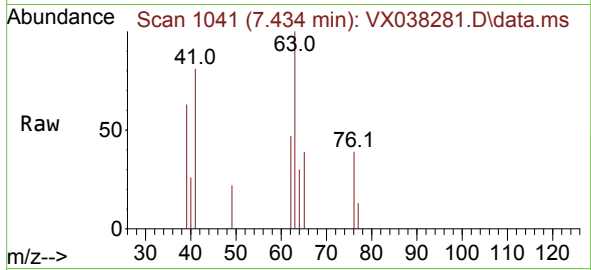




#45
1,2-Dichloropropane
Concen: 0.658 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

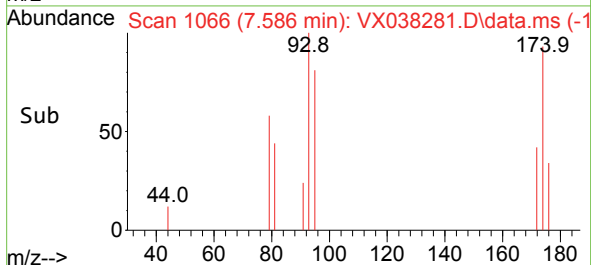
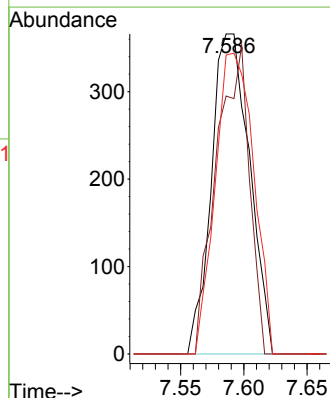
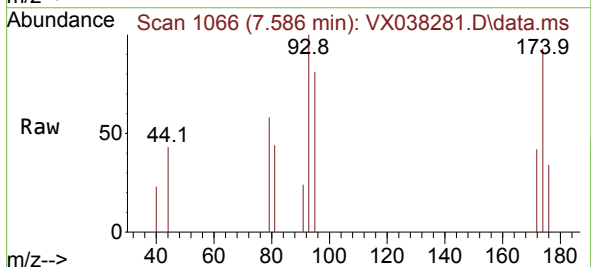
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

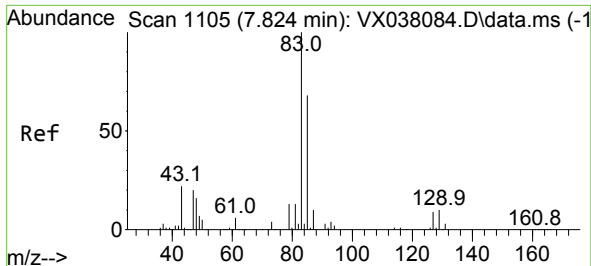
Tgt Ion: 63 Resp: 999
Ion Ratio Lower Upper
63 100
65 38.8 24.3 36.5#



#46
Dibromomethane
Concen: 0.652 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

Tgt Ion: 93 Resp: 767
Ion Ratio Lower Upper
93 100
95 83.6 66.6 100.0
174 94.9 69.4 104.0

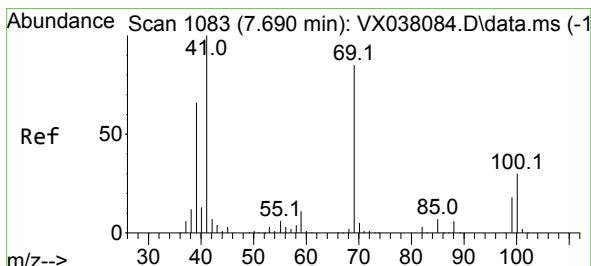
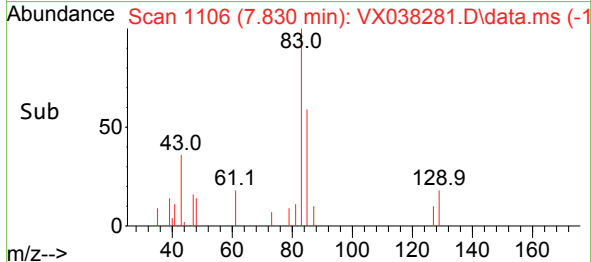
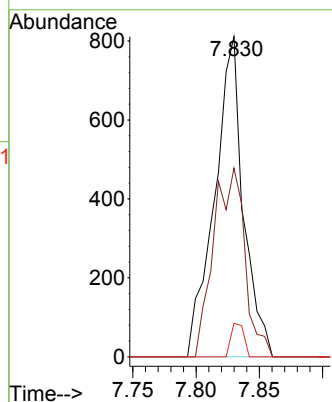
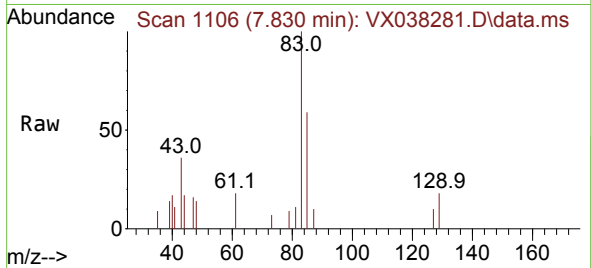




#47
Bromodichloromethane
Concen: 0.612 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

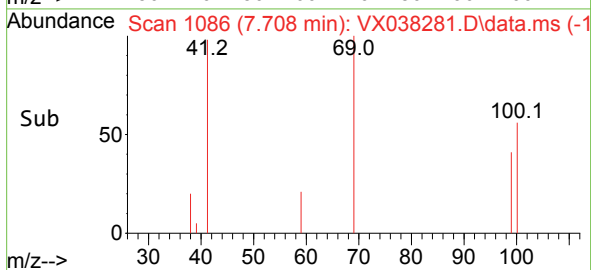
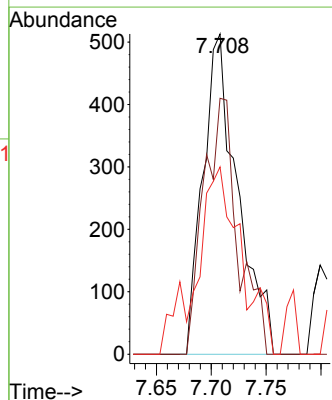
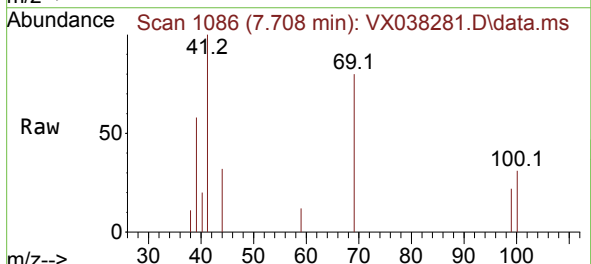
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

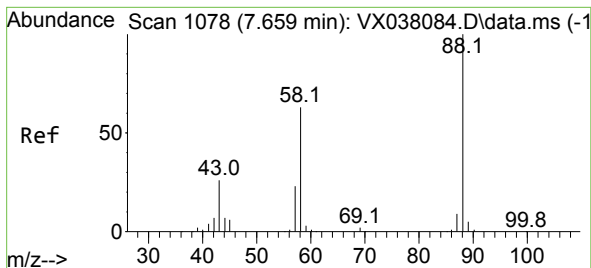
Tgt Ion: 83	Resp:	1282
Ion	Ratio	Lower Upper
83	100	
85	58.9	49.8 74.6
127	10.5	7.1 10.7



#48
Methyl methacrylate
Concen: 0.636 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.018 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

Tgt Ion: 41	Resp:	1129
Ion	Ratio	Lower Upper
41	100	
69	78.9	59.2 88.8
39	65.9	47.7 71.5





#49

1,4-Dioxane

Concen: 11.941 ug/l

RT: 7.671 min Scan# 1078

Delta R.T. 0.012 min

Lab File: VX038281.D

Acq: 13 Oct 2023 13:25

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

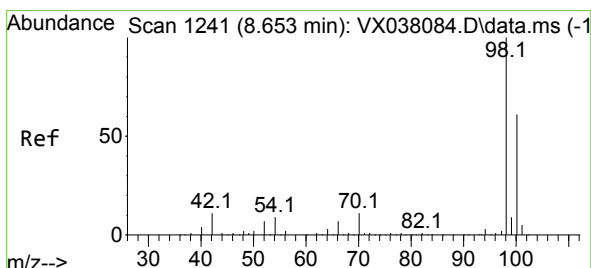
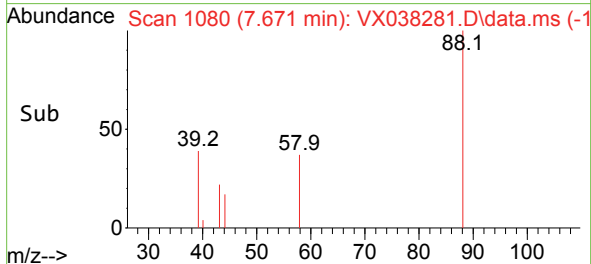
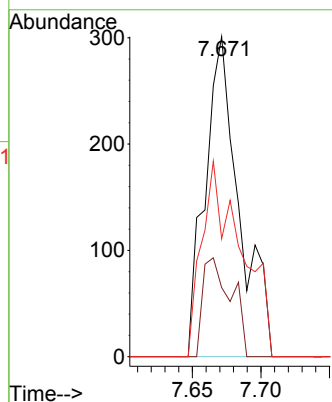
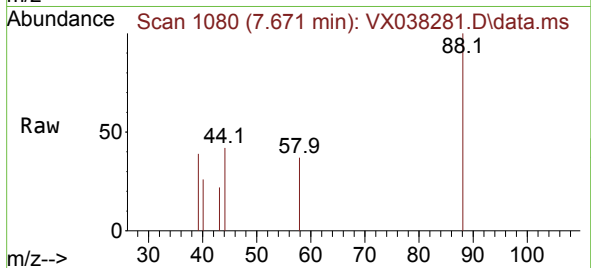
Tgt Ion: 88 Resp: 522

Ion Ratio Lower Upper

88 100

43 25.7 0.0 0.0#

58 70.7 60.1 90.1



#50

Toluene-d8

Concen: 48.048 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038281.D

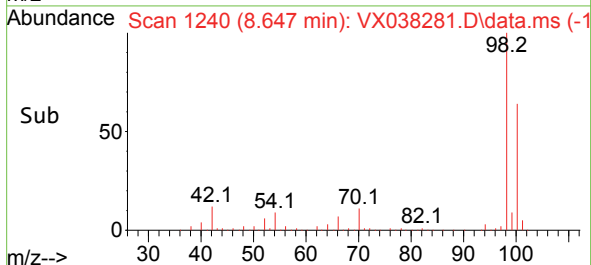
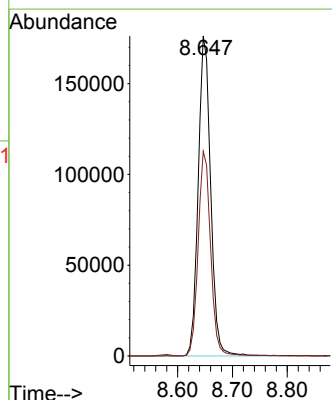
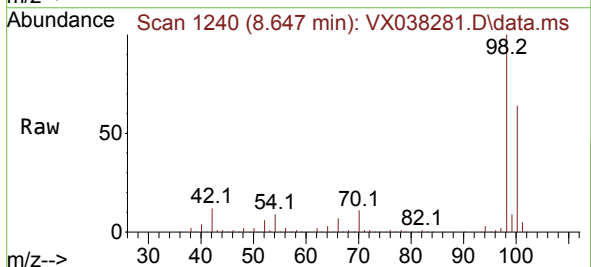
Acq: 13 Oct 2023 13:25

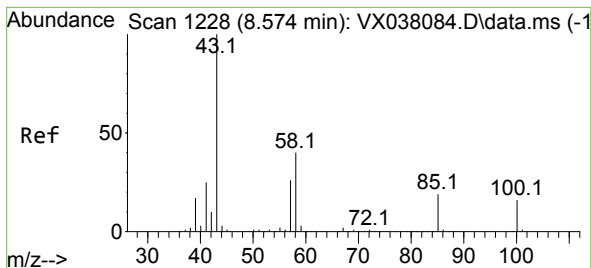
Tgt Ion: 98 Resp: 279065

Ion Ratio Lower Upper

98 100

100 64.0 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 3.117 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX038281.D

Acq: 13 Oct 2023 13:25

Instrument :

MSVOA_X

ClientSampleId :

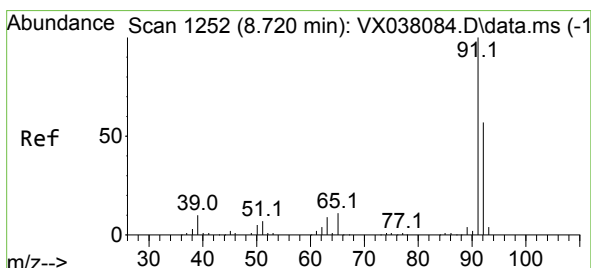
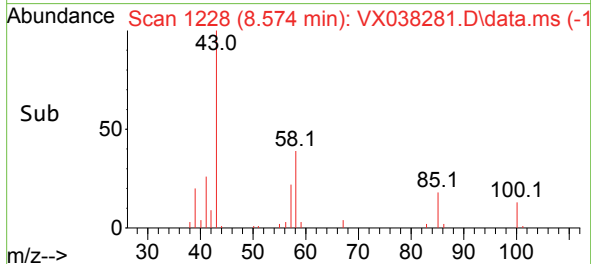
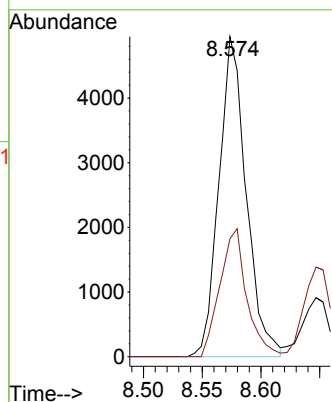
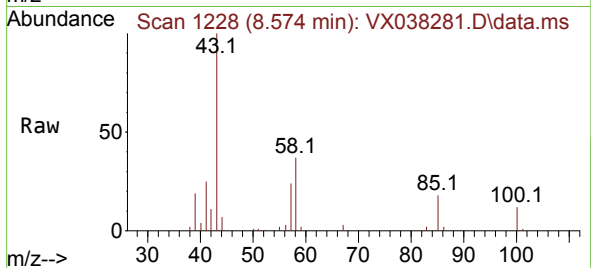
MDL-WATER-03-QT4-2023

Tgt Ion: 43 Resp: 7989

Ion Ratio Lower Upper

43 100

58 39.5 30.4 45.6



#52

Toluene

Concen: 0.744 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX038281.D

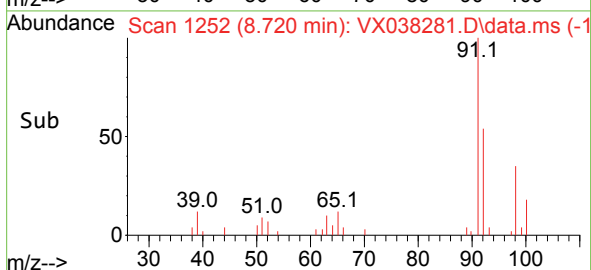
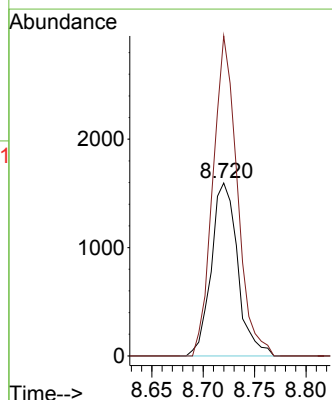
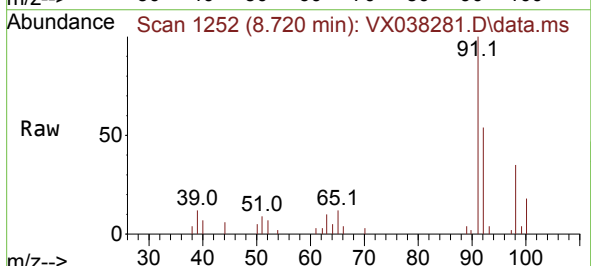
Acq: 13 Oct 2023 13:25

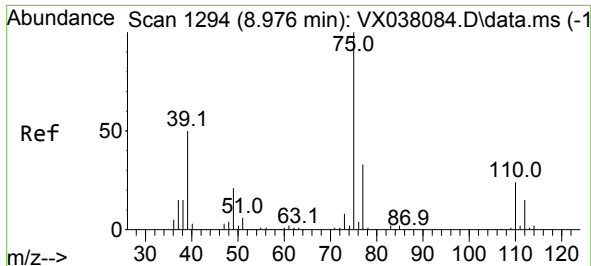
Tgt Ion: 92 Resp: 2841

Ion Ratio Lower Upper

92 100

91 171.3 134.2 201.2

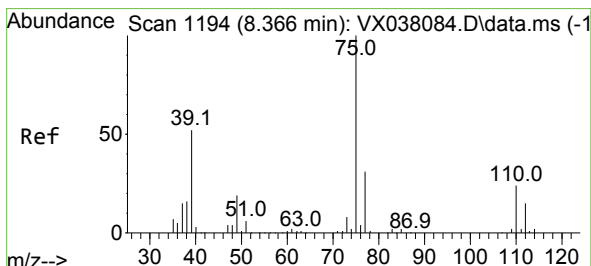
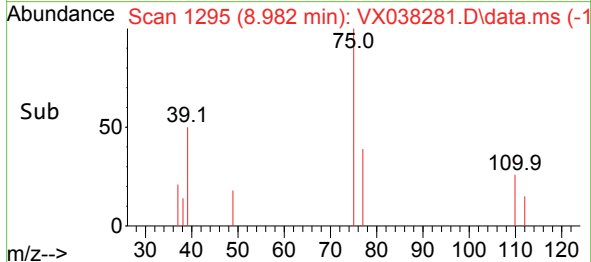
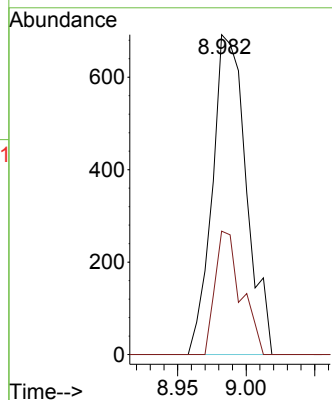
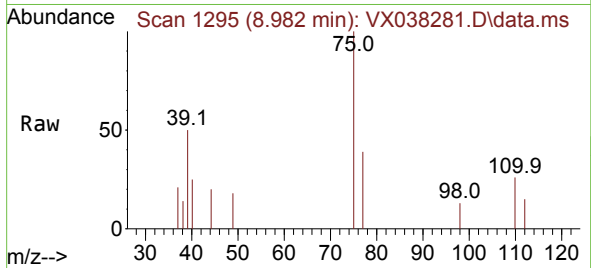




#53
 t-1,3-Dichloropropene
 Concen: 0.531 ug/l
 RT: 8.982 min Scan# 1194
 Delta R.T. 0.006 min
 Lab File: VX038281.D
 Acq: 13 Oct 2023 13:25

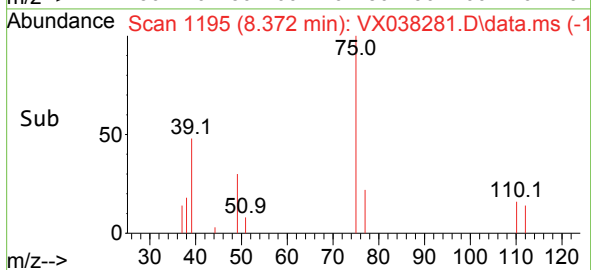
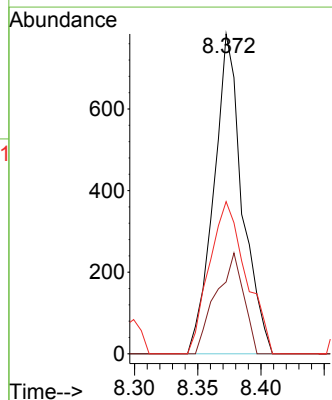
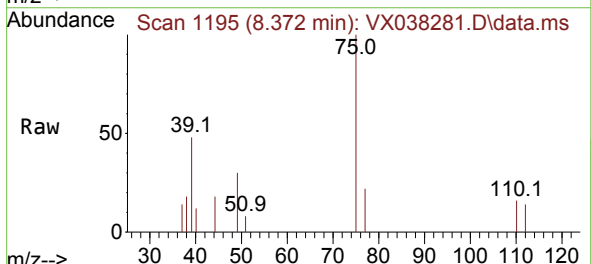
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2023

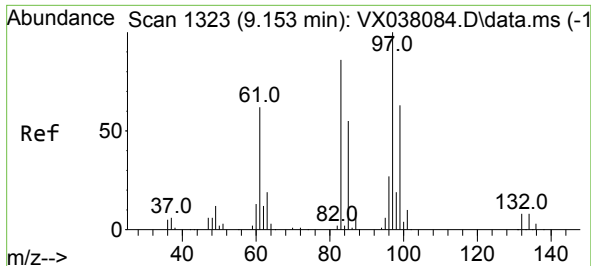
Tgt Ion: 75 Resp: 1194
 Ion Ratio Lower Upper
 75 100
 77 38.6 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 0.521 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX038281.D
 Acq: 13 Oct 2023 13:25

Tgt Ion: 75 Resp: 1229
 Ion Ratio Lower Upper
 75 100
 77 22.4 25.3 37.9#
 39 47.6 46.7 70.1

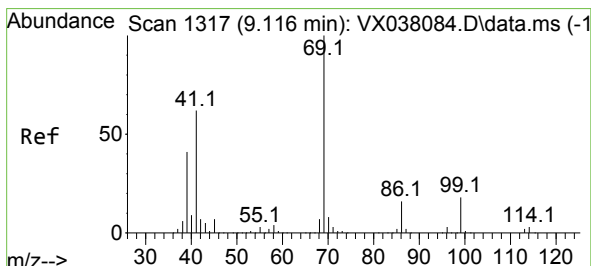
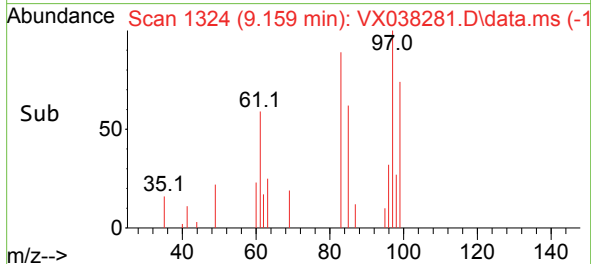
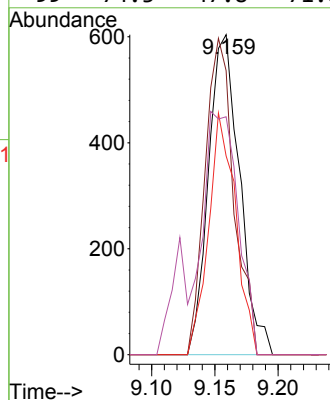
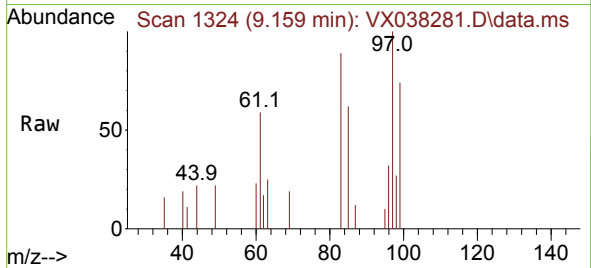




#55
1,1,2-Trichloroethane
Concen: 0.632 ug/l
RT: 9.159 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

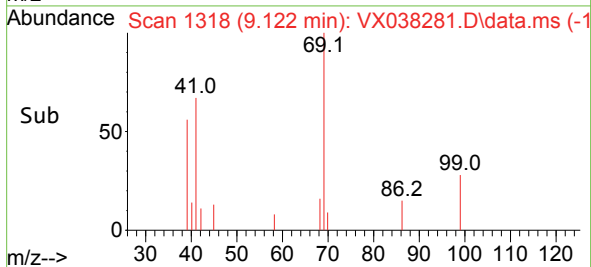
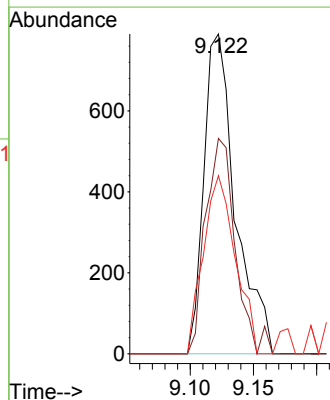
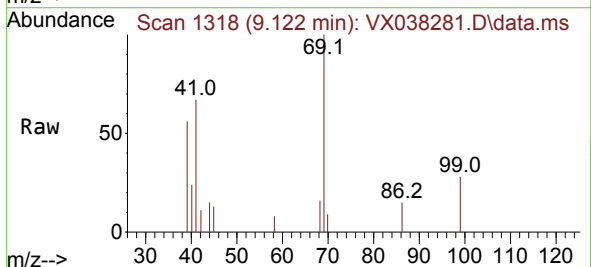
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

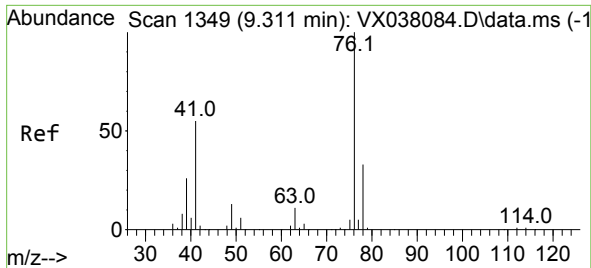
Tgt Ion: 97	Resp: 1033
Ion Ratio	Lower Upper
97 100	
83 88.7	65.8 98.8
85 62.1	41.6 62.4
99 74.3	47.8 71.8#



#56
Ethyl methacrylate
Concen: 0.549 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

Tgt Ion: 69	Resp: 1374
Ion Ratio	Lower Upper
69 100	
41 63.5	56.8 85.2
39 56.6	32.0 48.0#





#57

1,3-Dichloropropane

Concen: 0.689 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038281.D

Acq: 13 Oct 2023 13:25

Instrument :

MSVOA_X

ClientSampleId :

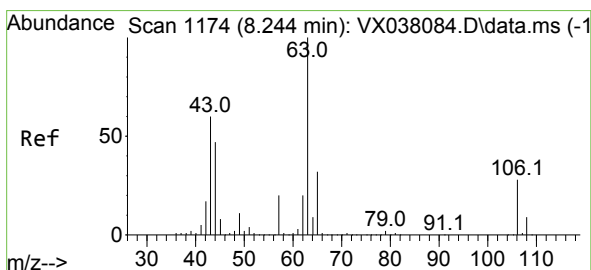
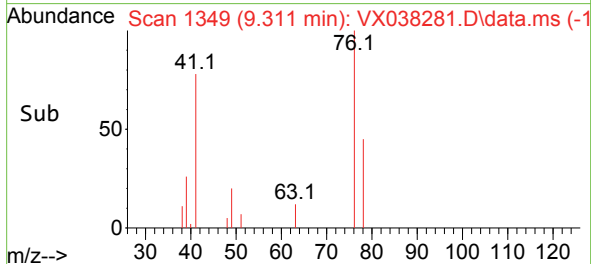
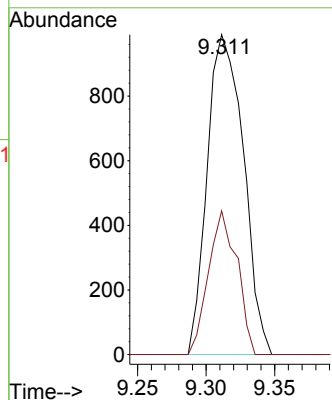
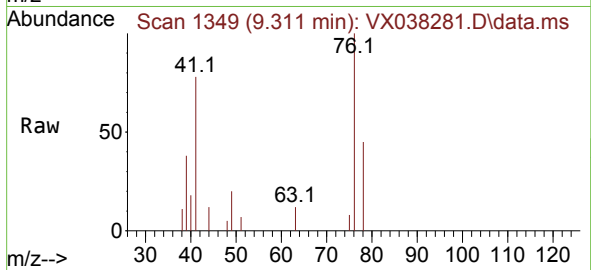
MDL-WATER-03-QT4-2023

Tgt Ion: 76 Resp: 1821

Ion Ratio Lower Upper

76 100

78 35.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 2.810 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX038281.D

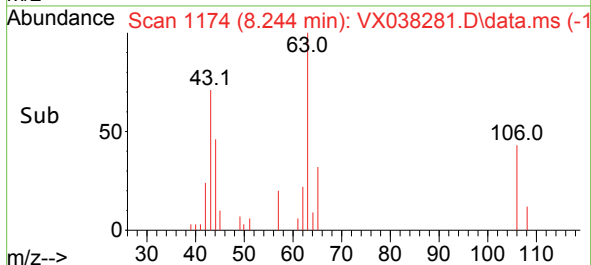
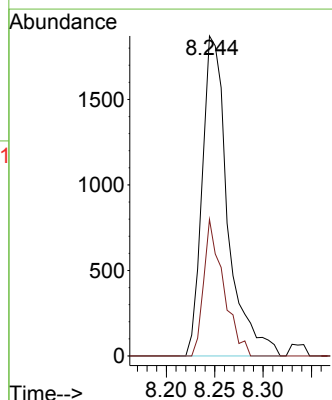
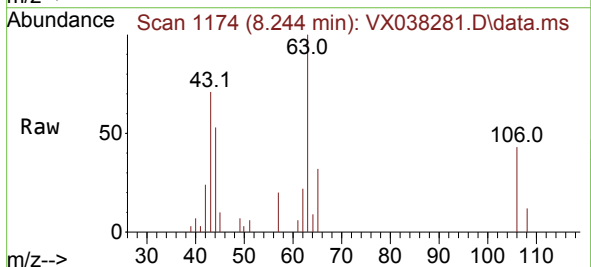
Acq: 13 Oct 2023 13:25

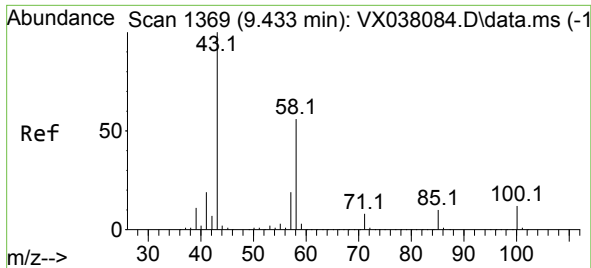
Tgt Ion: 63 Resp: 3454

Ion Ratio Lower Upper

63 100

106 33.0 22.5 33.7

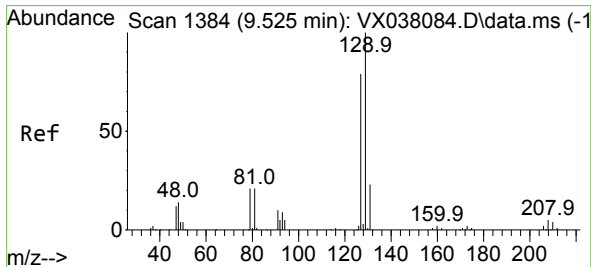
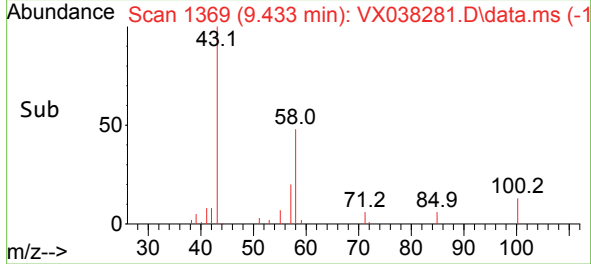
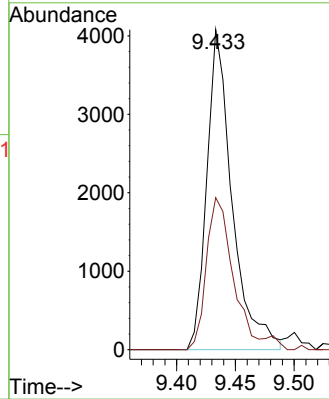
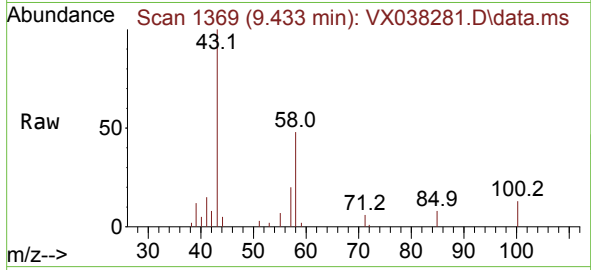




#59
2-Hexanone
Concen: 2.961 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

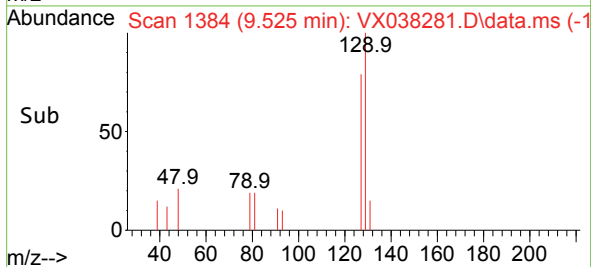
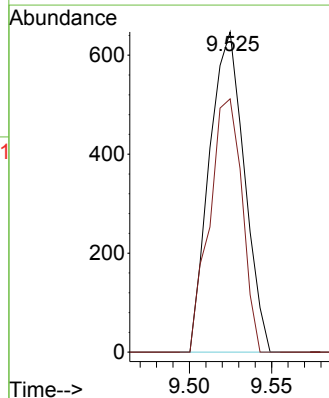
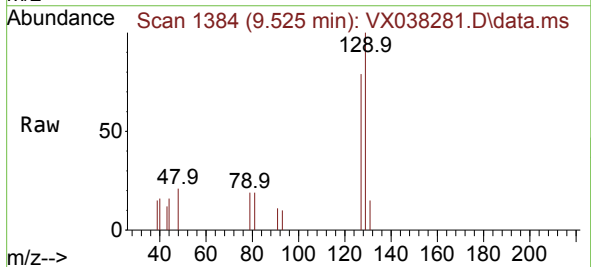
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

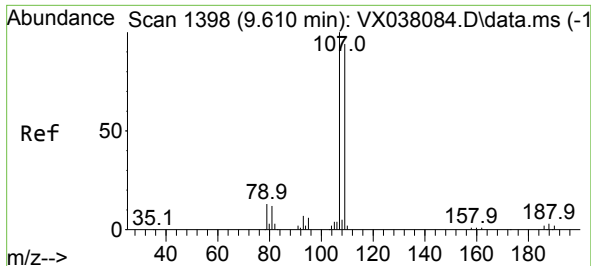
Tgt Ion: 43 Resp: 6101
Ion Ratio Lower Upper
43 100
58 52.0 26.2 78.5



#60
Dibromochloromethane
Concen: 0.597 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

Tgt Ion: 129 Resp: 955
Ion Ratio Lower Upper
129 100
127 73.6 38.8 116.4

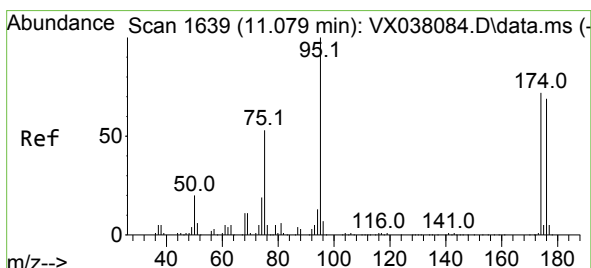
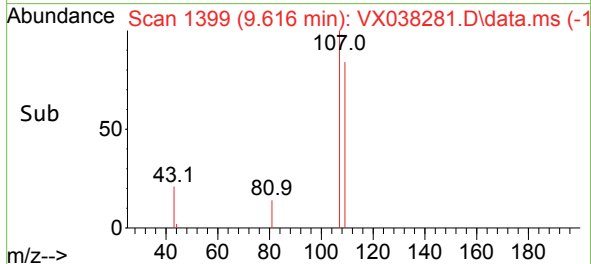
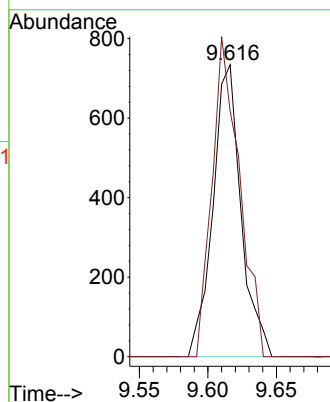
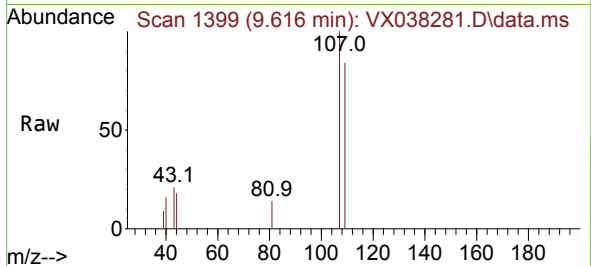




#61
1,2-Dibromoethane
Concen: 0.593 ug/l
RT: 9.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

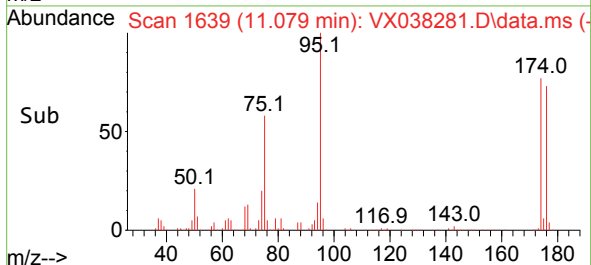
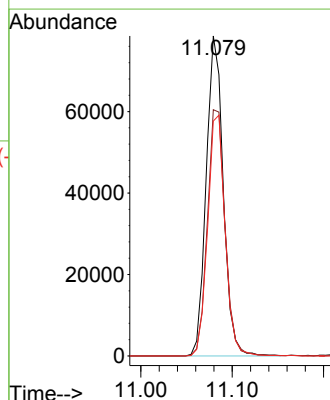
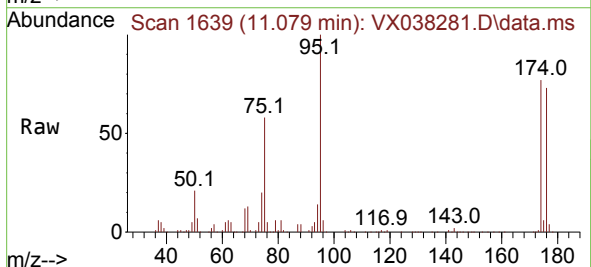
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

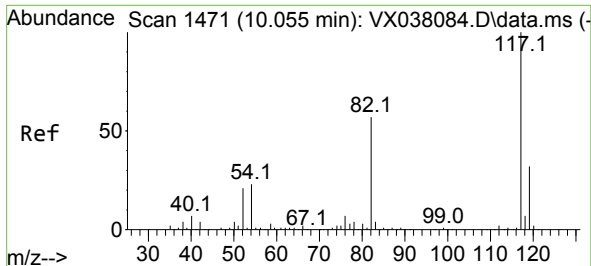
Tgt Ion:107 Resp: 1048
Ion Ratio Lower Upper
107 100
109 107.0 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 46.106 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

Tgt Ion: 95 Resp: 101522
Ion Ratio Lower Upper
95 100
174 80.2 0.0 135.6
176 76.8 0.0 131.0

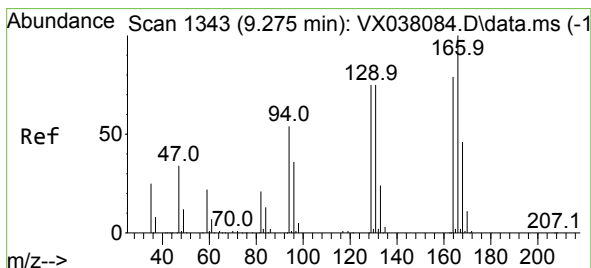
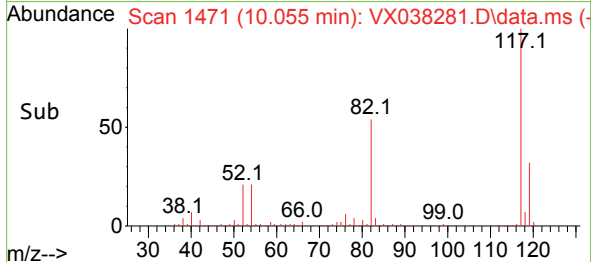
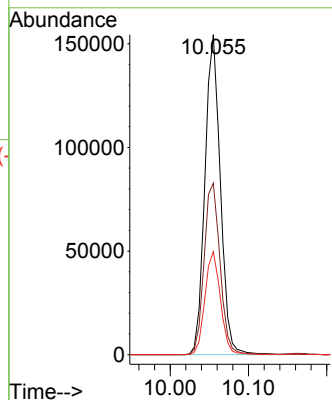
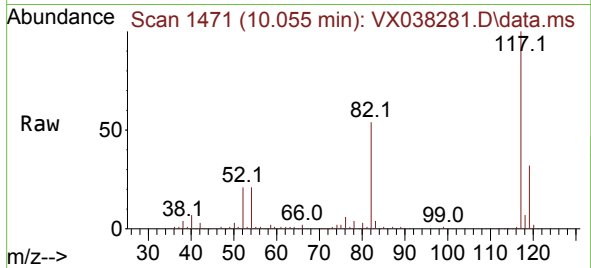




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

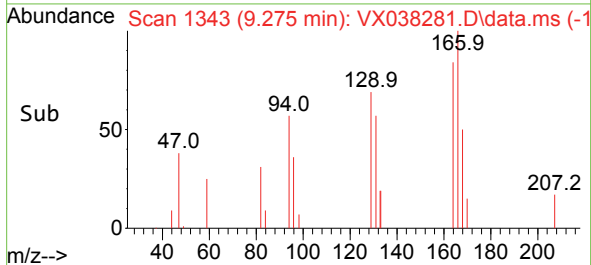
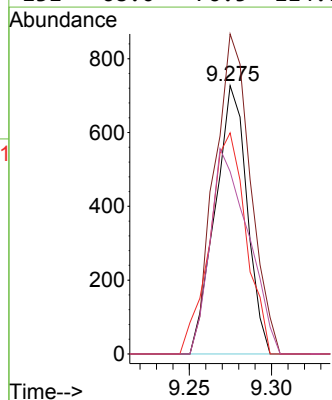
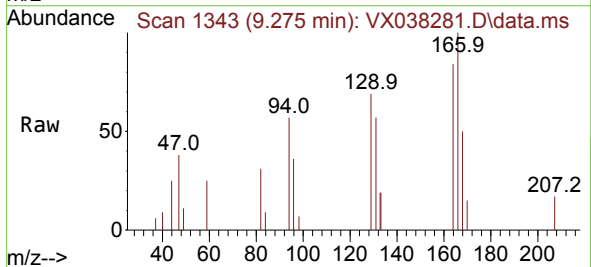
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

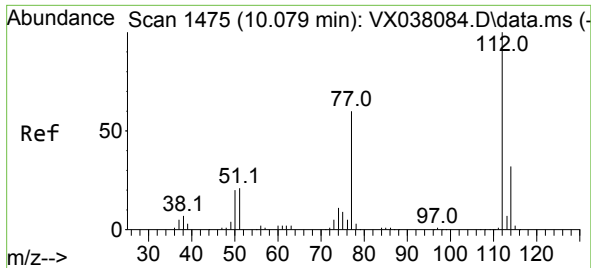
Tgt Ion:117 Resp: 211382
Ion Ratio Lower Upper
117 100
82 53.6 46.2 69.4
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 0.713 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

Tgt Ion:164 Resp: 976
Ion Ratio Lower Upper
164 100
166 119.3 102.7 154.1
129 82.4 80.4 120.6
131 68.0 76.5 114.7#

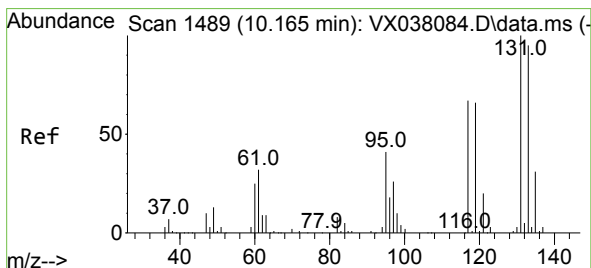
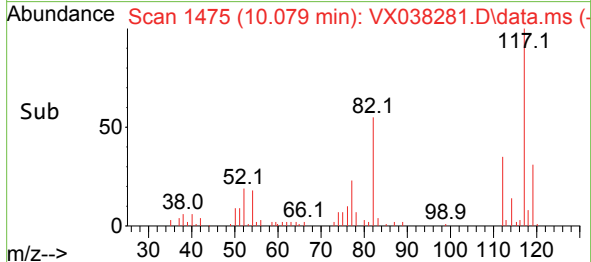
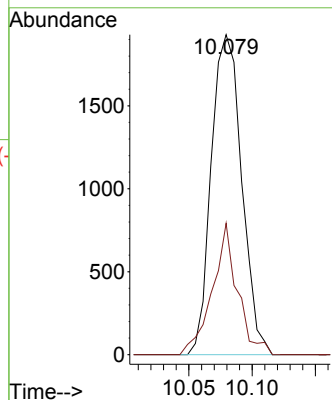
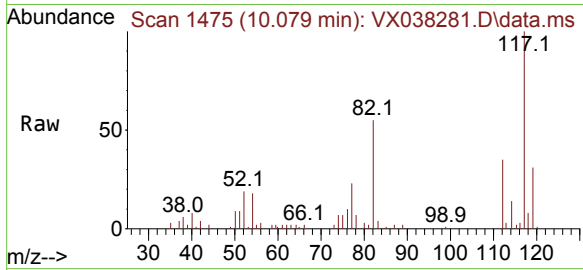




#65
Chlorobenzene
Concen: 0.729 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

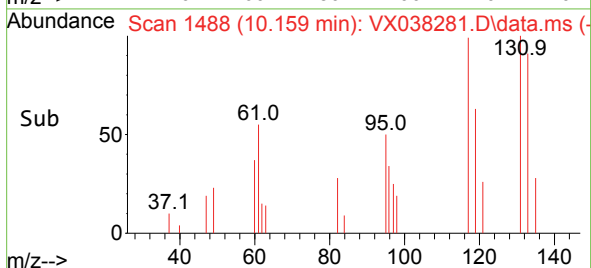
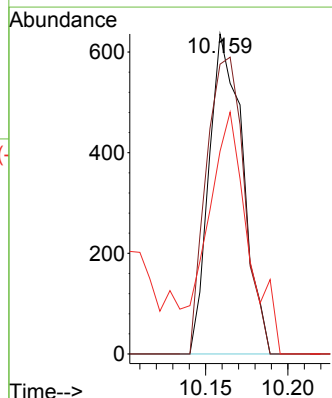
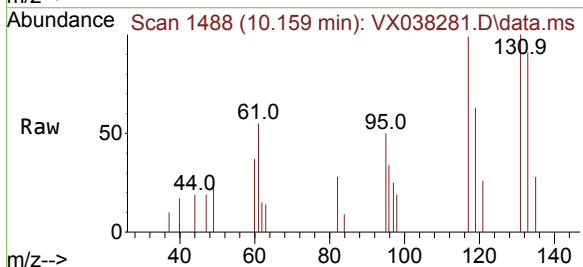
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

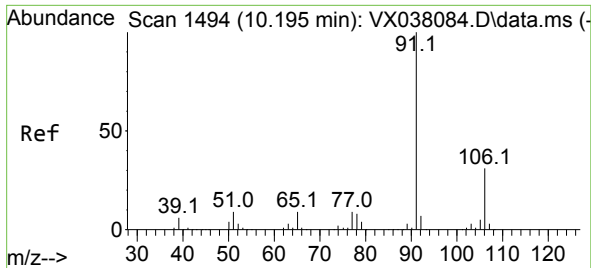
Tgt Ion:112 Resp: 3225
Ion Ratio Lower Upper
112 100
114 41.1 25.7 38.5#



#66
1,1,1,2-Tetrachloroethane
Concen: 0.606 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

Tgt Ion:131 Resp: 906
Ion Ratio Lower Upper
131 100
133 104.2 47.1 141.4
119 0.0 32.2 96.6#

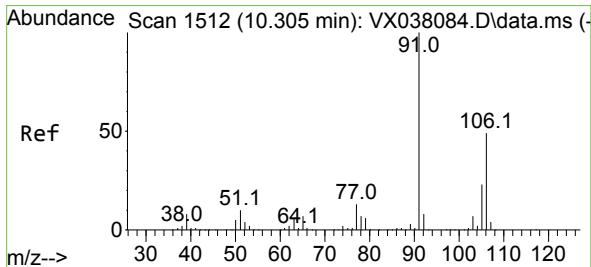
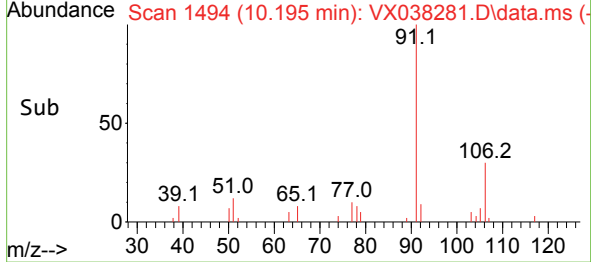
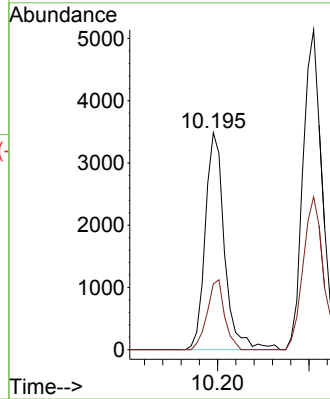
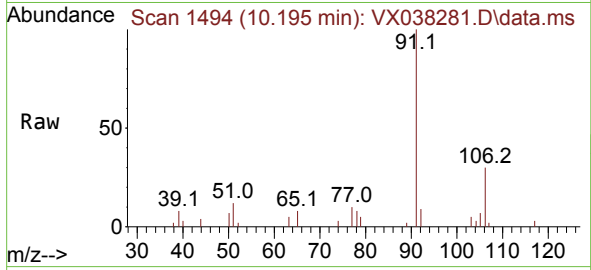




#67
Ethyl Benzene
Concen: 0.644 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

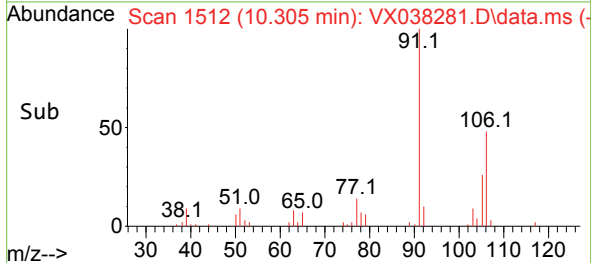
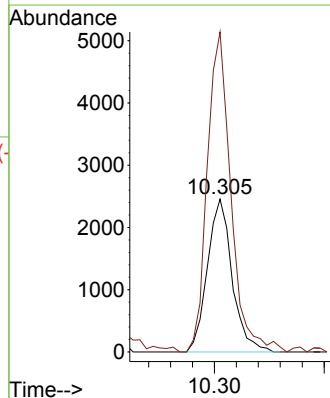
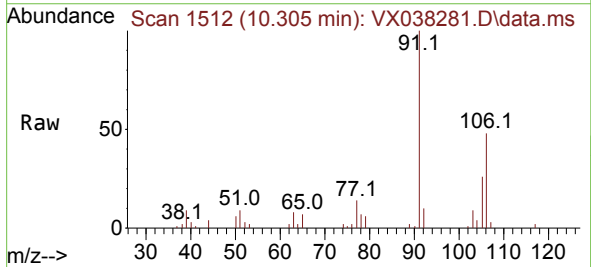
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

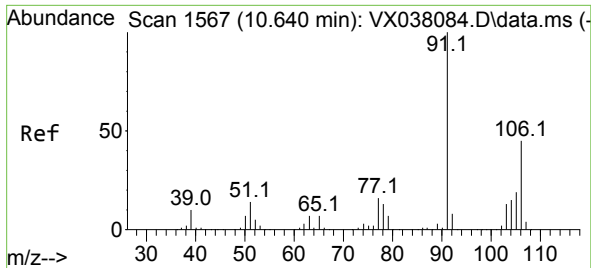
Tgt Ion: 91 Resp: 5087
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3



#68
m/p-Xylenes
Concen: 1.263 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

Tgt Ion: 106 Resp: 3856
Ion Ratio Lower Upper
106 100
91 199.5 165.5 248.3

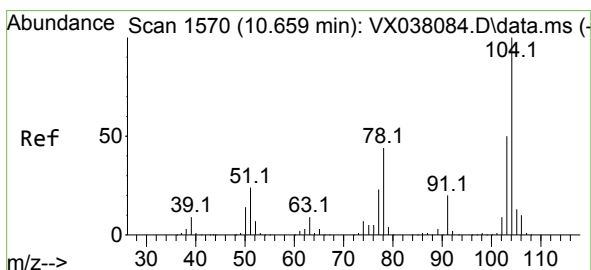
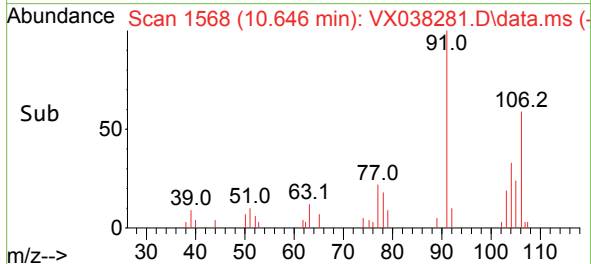
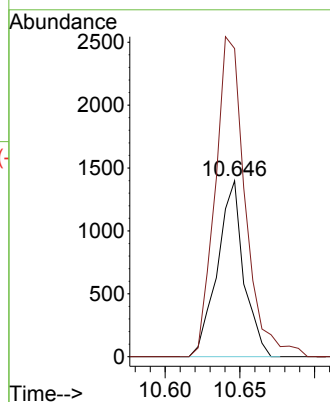
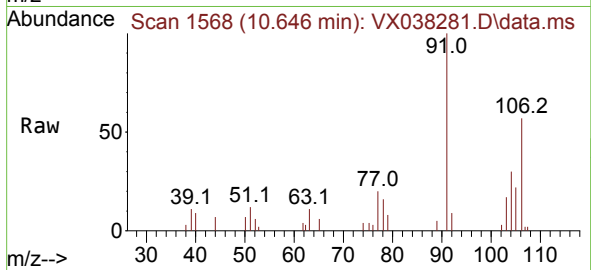




#69
o-Xylene
Concen: 0.575 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

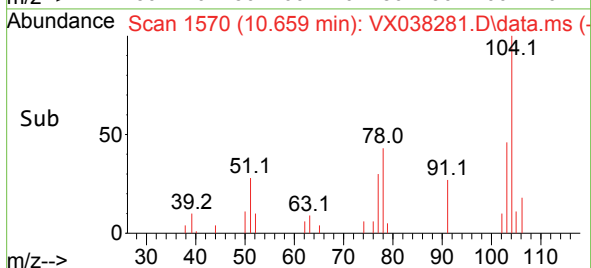
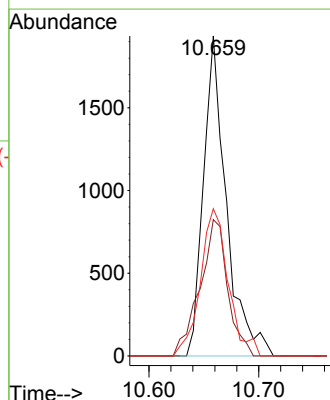
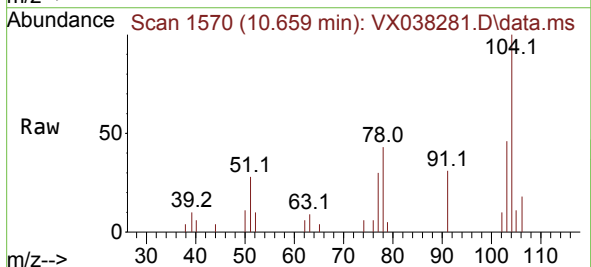
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

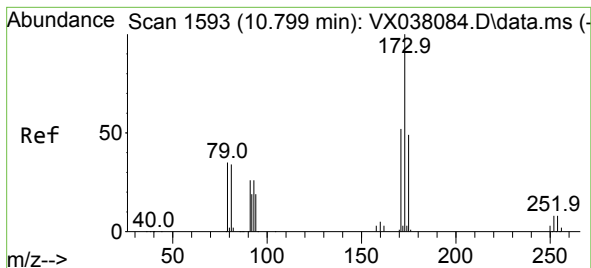
Tgt Ion:106 Resp: 1714
Ion Ratio Lower Upper
106 100
91 207.6 108.9 326.8



#70
Styrene
Concen: 0.578 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

Tgt Ion:104 Resp: 2804
Ion Ratio Lower Upper
104 100
78 51.7 43.6 65.4
103 56.0 43.6 65.4





#71

Bromoform

Concen: 0.598 ug/l

RT: 10.793 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX038281.D

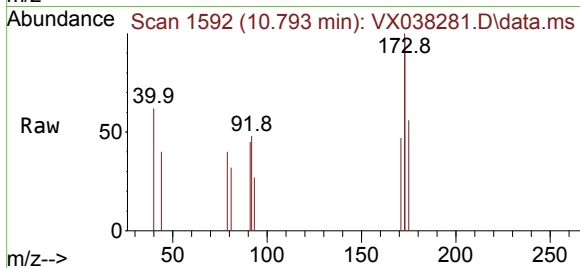
Acq: 13 Oct 2023 13:25

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023



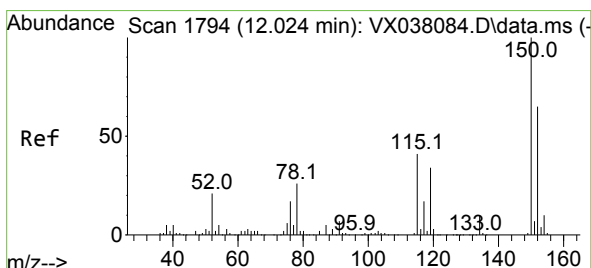
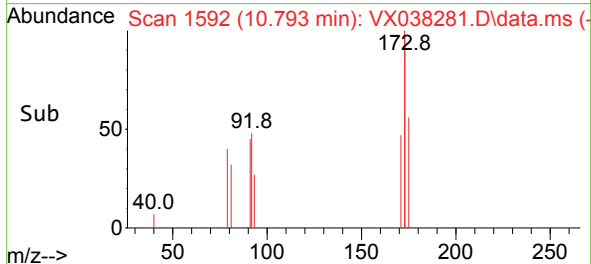
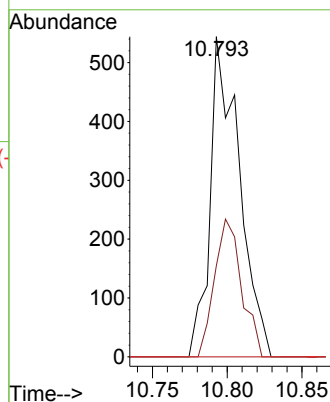
Tgt Ion:173 Resp: 737

Ion Ratio Lower Upper

173 100

175 39.9 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038281.D

Acq: 13 Oct 2023 13:25

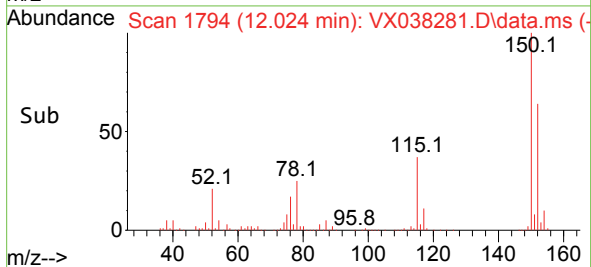
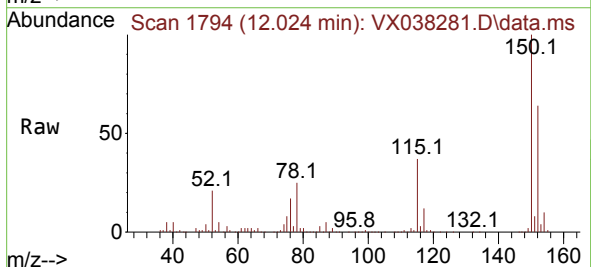
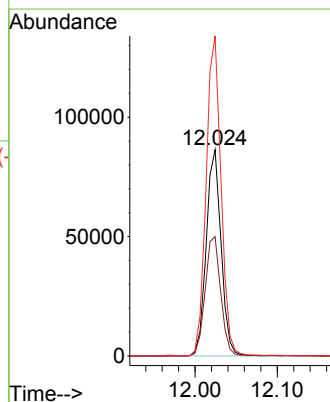
Tgt Ion:152 Resp: 108626

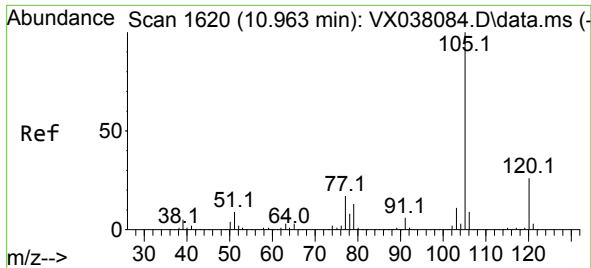
Ion Ratio Lower Upper

152 100

115 60.7 43.3 129.9

150 155.0 0.0 345.0

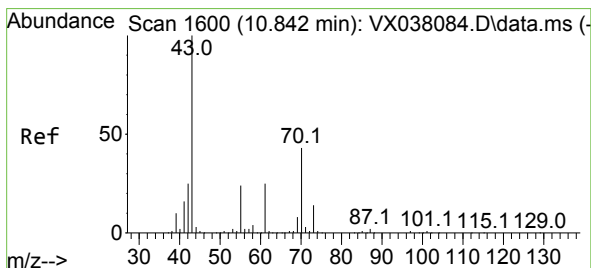
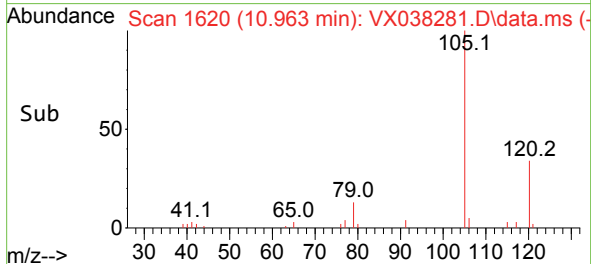
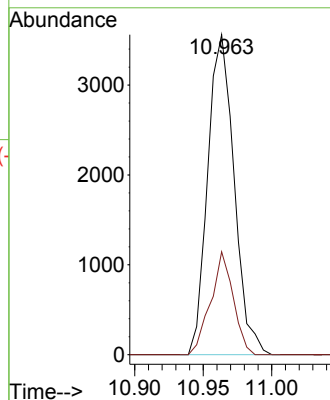
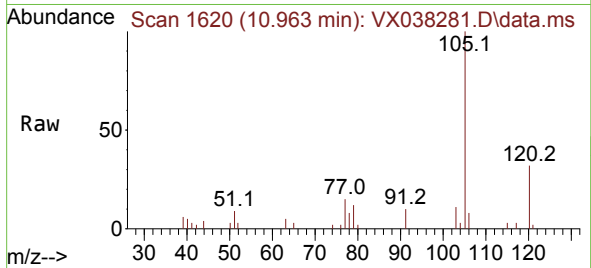




#73
Isopropylbenzene
Concen: 0.654 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

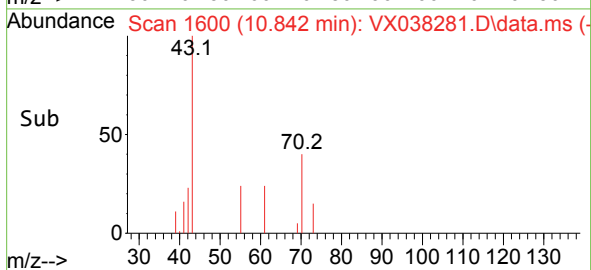
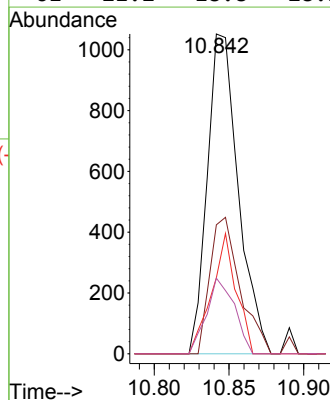
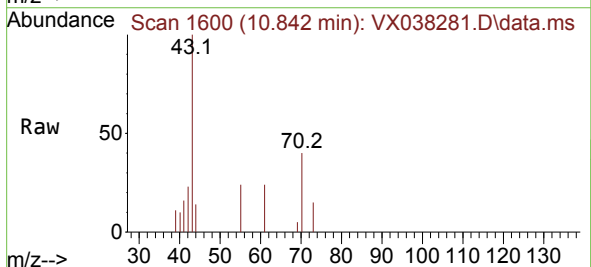
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

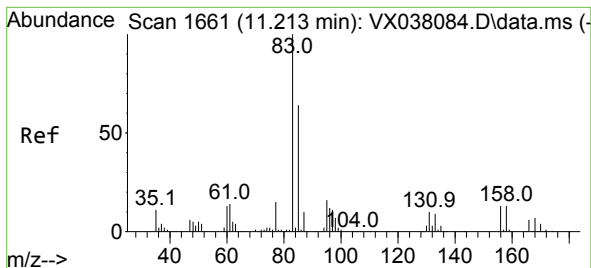
Tgt Ion:105 Resp: 4764
Ion Ratio Lower Upper
105 100
120 27.5 12.9 38.6



#74
N-ethyl acetate
Concen: 0.488 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

Tgt Ion: 43 Resp: 1519
Ion Ratio Lower Upper
43 100
70 41.3 32.9 49.3
55 29.6 19.3 28.9#
61 21.2 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 0.701 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX038281.D

Acq: 13 Oct 2023 13:25

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

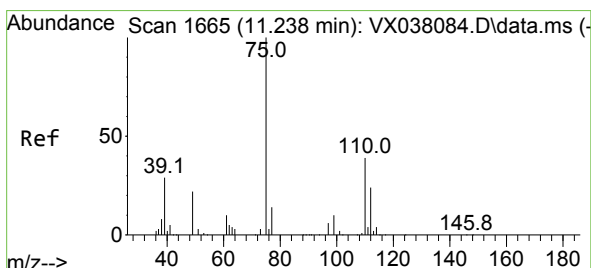
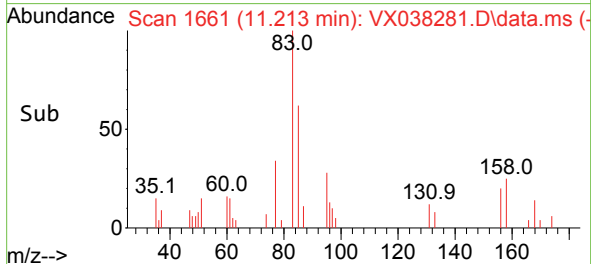
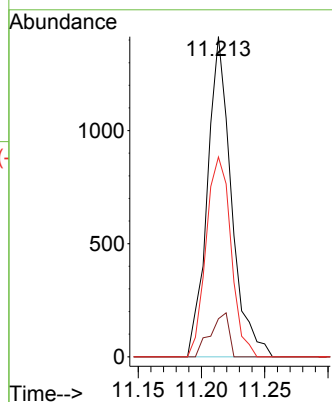
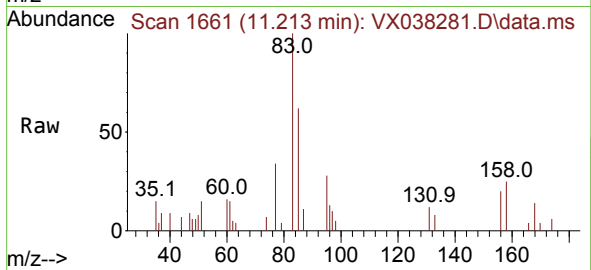
Tgt Ion: 83 Resp: 1873

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.8

85 64.7 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 0.892 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX038281.D

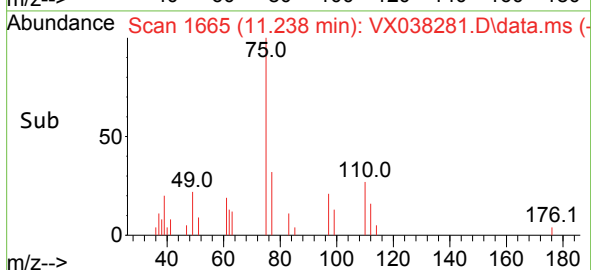
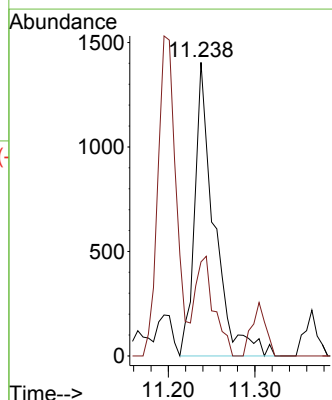
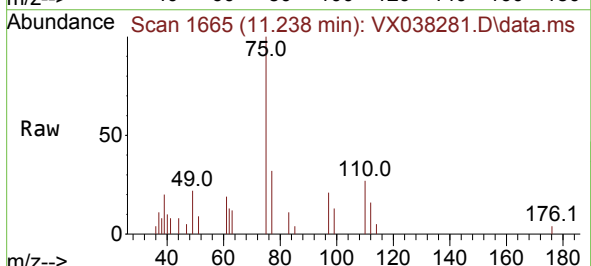
Acq: 13 Oct 2023 13:25

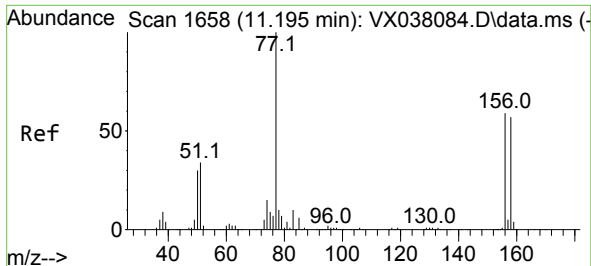
Tgt Ion: 75 Resp: 2202

Ion Ratio Lower Upper

75 100

77 31.6 19.1 57.5

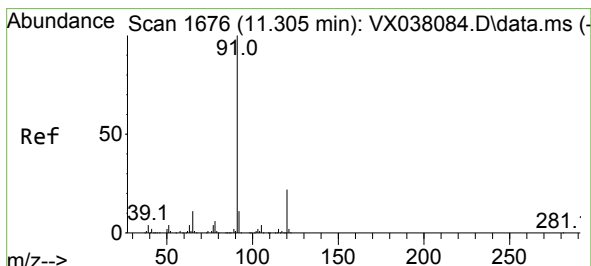
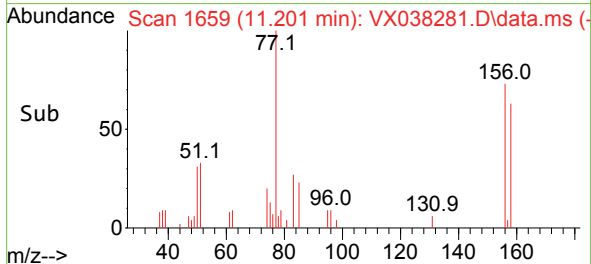
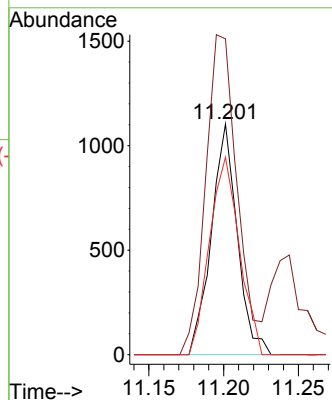
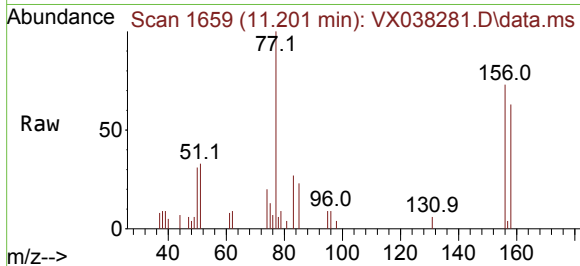




#77
Bromobenzene
Concen: 0.749 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

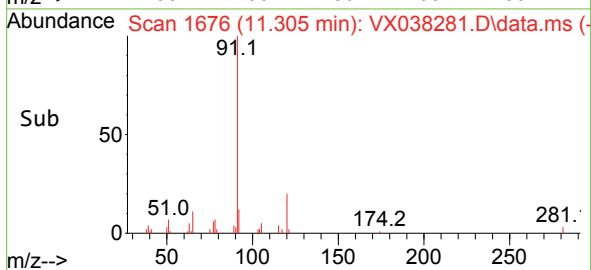
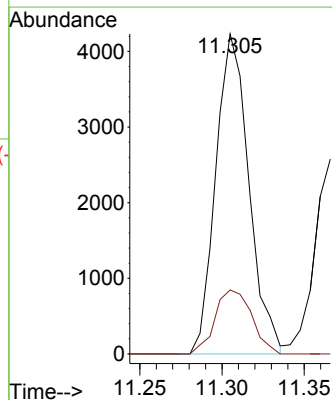
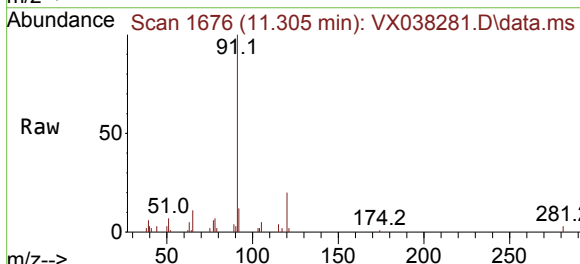
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

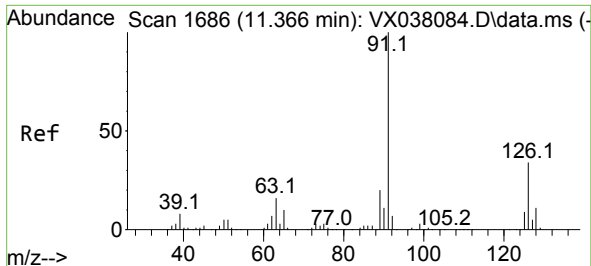
Tgt Ion:156 Resp: 1332
Ion Ratio Lower Upper
156 100
77 169.4 88.4 265.3
158 98.4 48.0 144.0



#78
n-propylbenzene
Concen: 0.666 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

Tgt Ion: 91 Resp: 5931
Ion Ratio Lower Upper
91 100
120 22.2 11.5 34.4

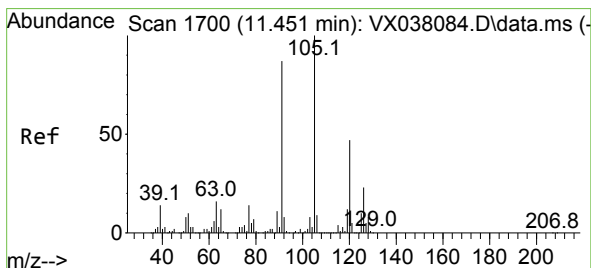
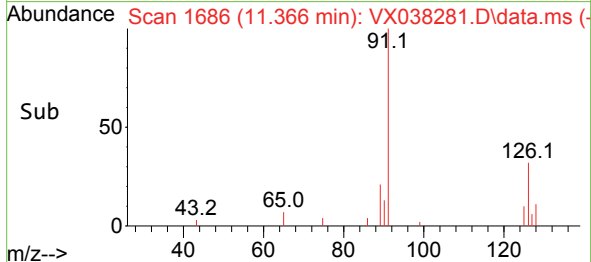
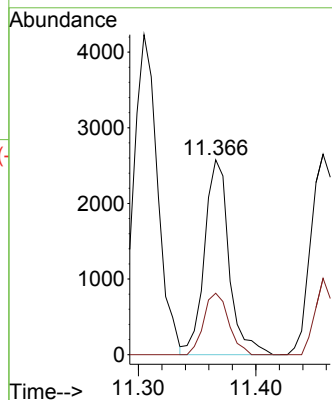
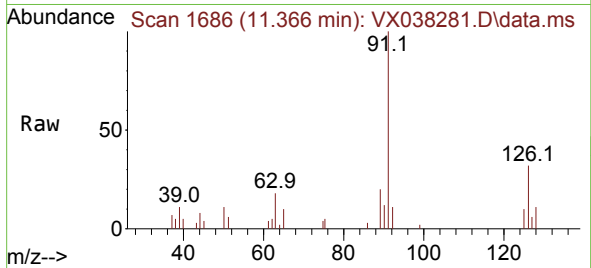




#79
2-Chlorotoluene
Concen: 0.708 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

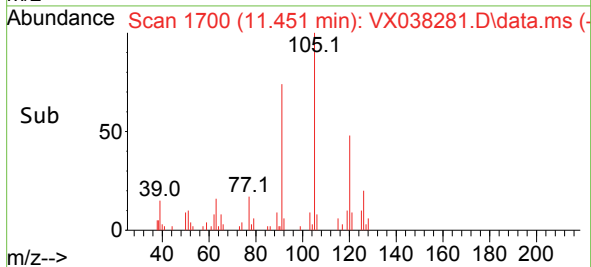
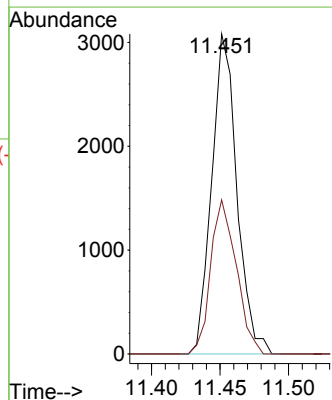
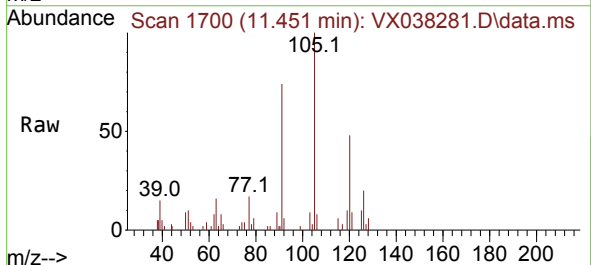
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023

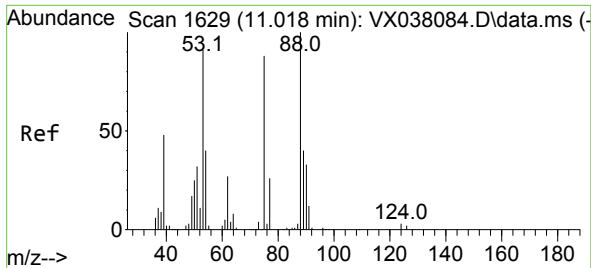
Tgt Ion: 91 Resp: 3741
Ion Ratio Lower Upper
91 100
126 31.9 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 0.627 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

Tgt Ion: 105 Resp: 3938
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.3

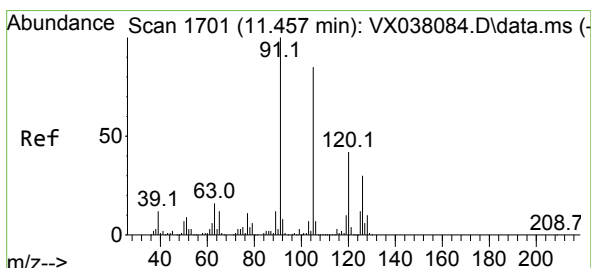
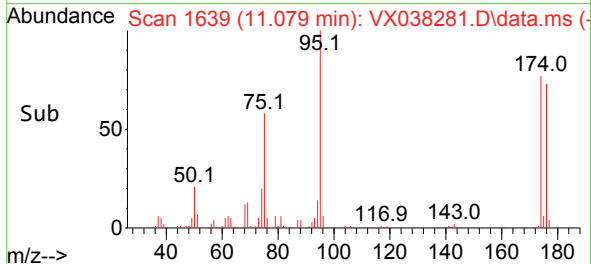
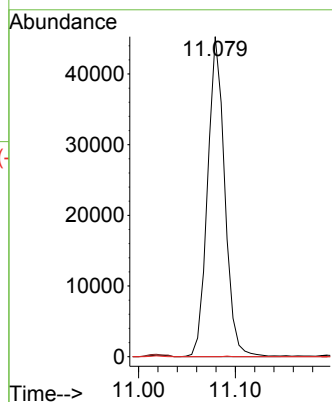
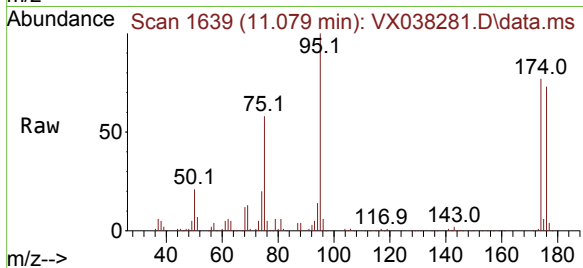




#81
trans-1,4-Dichloro-2-butene
Concen: 72.327 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

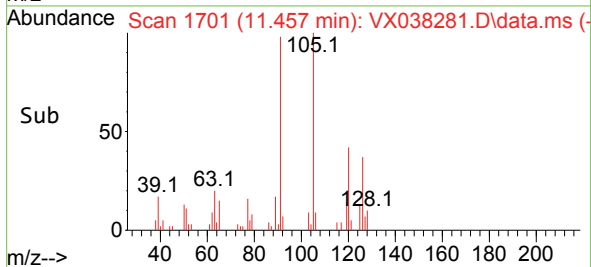
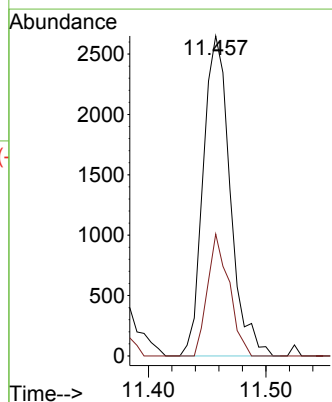
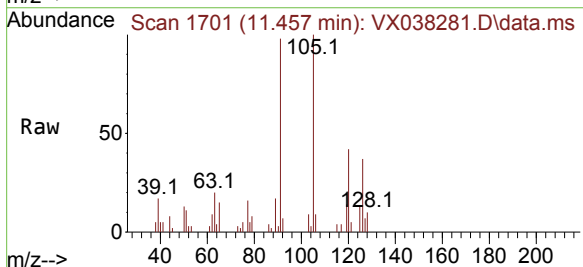
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

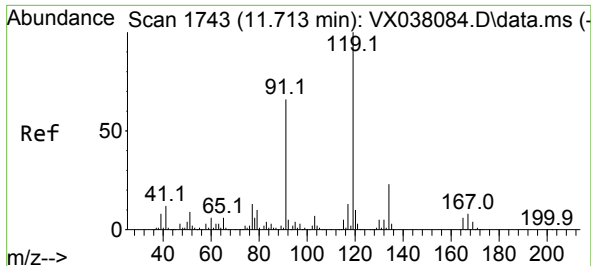
Tgt Ion: 75 Resp: 55943
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.677 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

Tgt Ion: 91 Resp: 4231
Ion Ratio Lower Upper
91 100
126 30.5 14.2 42.6

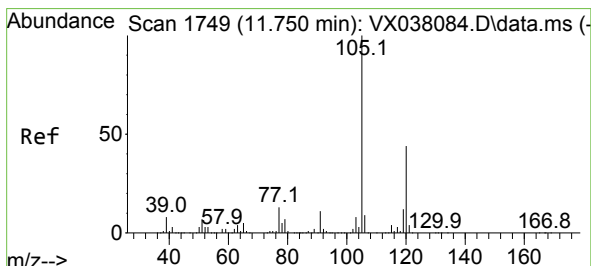
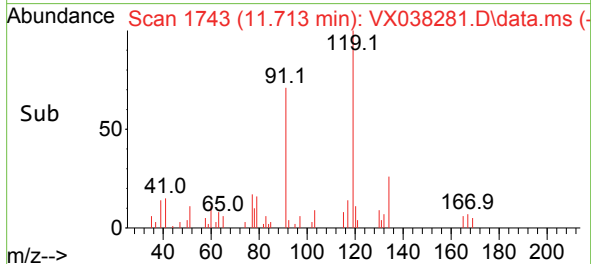
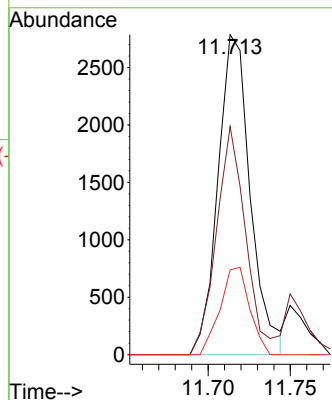
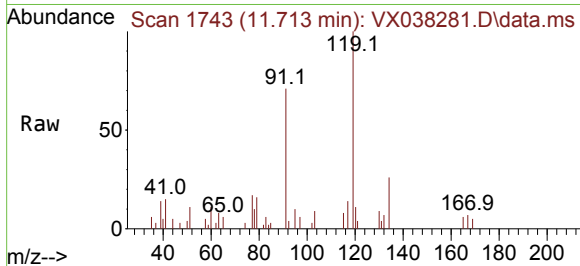




#83
tert-Butylbenzene
Concen: 0.622 ug/l
RT: 11.713 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

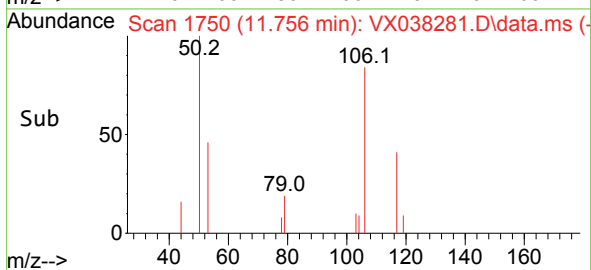
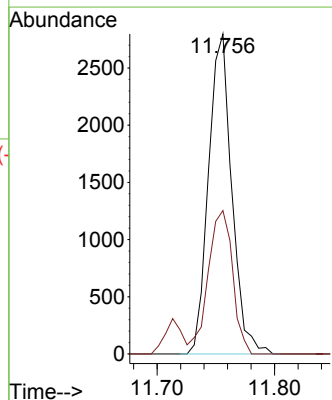
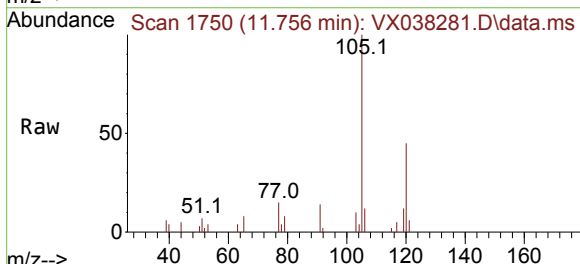
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

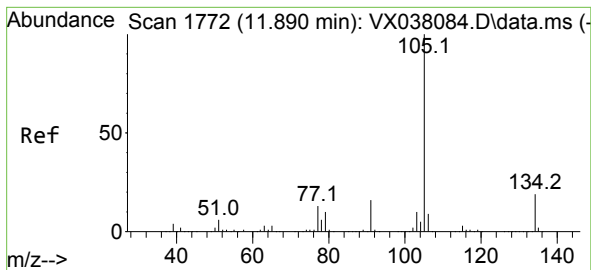
Tgt Ion:119 Resp: 3820
Ion Ratio Lower Upper
119 100
91 63.9 31.2 93.6
134 24.9 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 0.614 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

Tgt Ion:105 Resp: 3847
Ion Ratio Lower Upper
105 100
120 47.2 21.2 63.6





#85

sec-Butylbenzene

Concen: 0.669 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX038281.D

Acq: 13 Oct 2023 13:25

Instrument :

MSVOA_X

ClientSampleId :

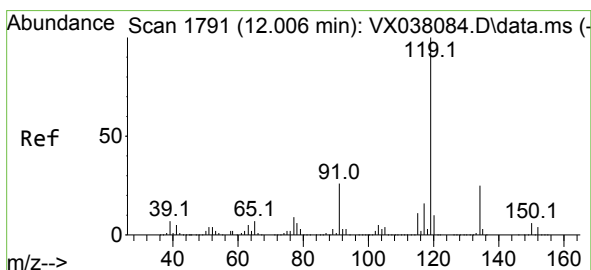
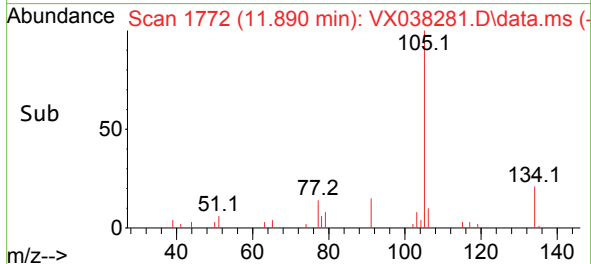
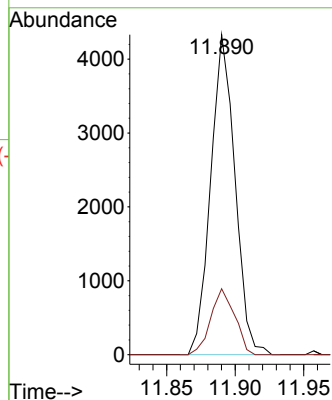
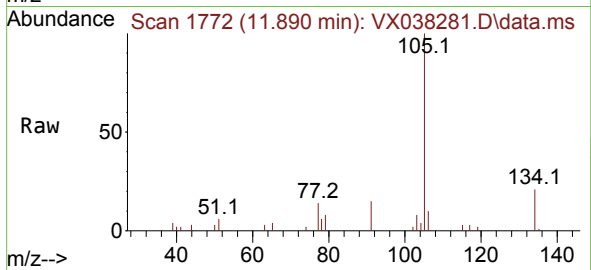
MDL-WATER-03-QT4-2023

Tgt Ion:105 Resp: 5325

Ion Ratio Lower Upper

105 100

134 20.4 9.8 29.4



#86

p-Isopropyltoluene

Concen: 0.623 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX038281.D

Acq: 13 Oct 2023 13:25

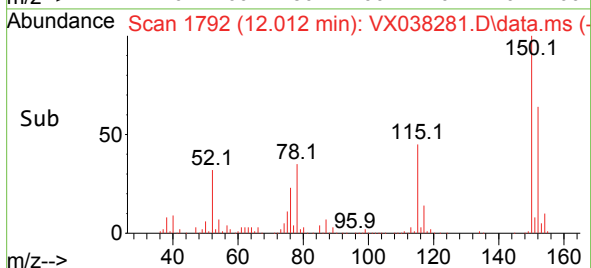
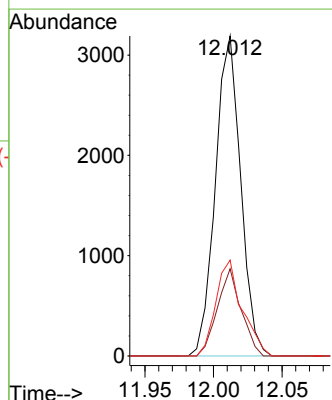
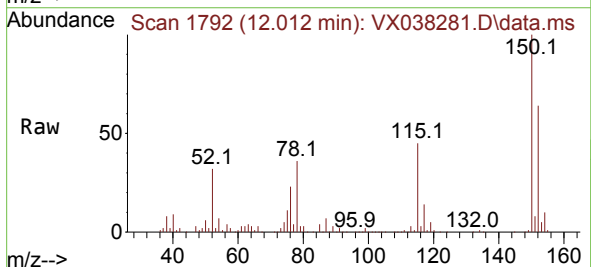
Tgt Ion:119 Resp: 4091

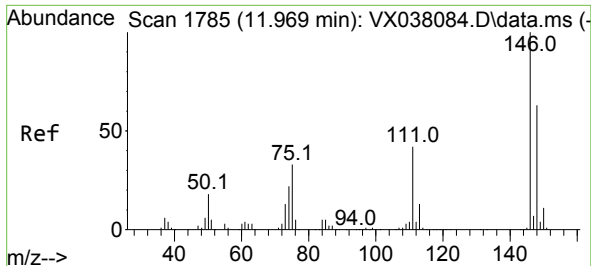
Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.3

91 31.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 0.764 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038281.D

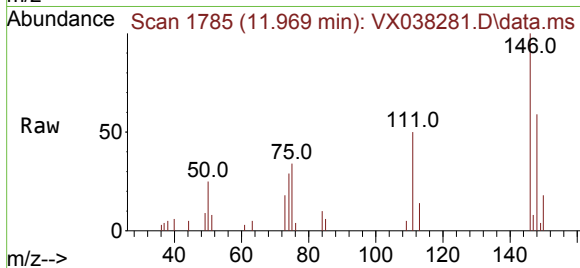
Acq: 13 Oct 2023 13:25

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023



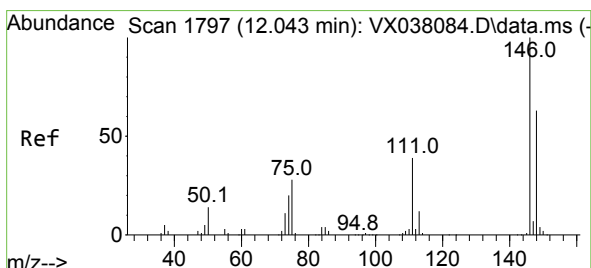
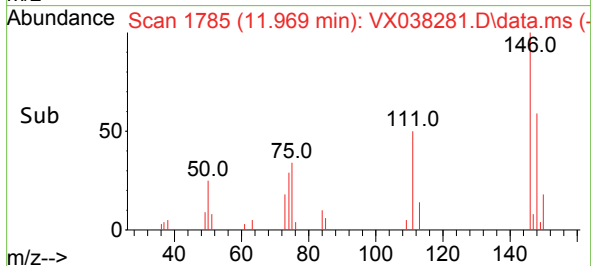
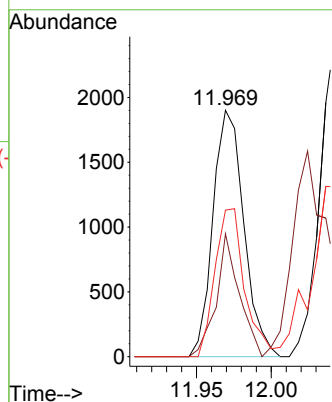
Tgt Ion:146 Resp: 2728

Ion Ratio Lower Upper

146 100

111 37.2 22.1 66.1

148 57.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.748 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.074 min

Lab File: VX038281.D

Acq: 13 Oct 2023 13:25

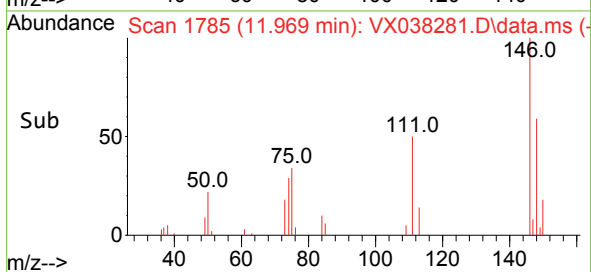
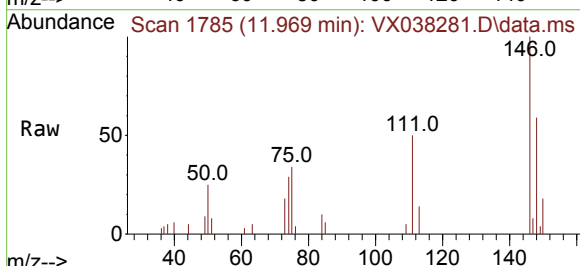
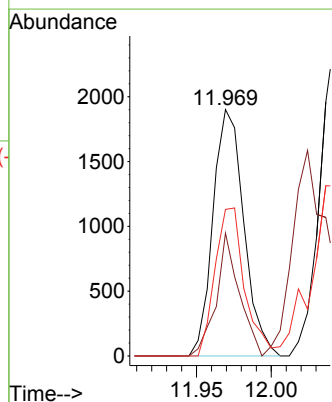
Tgt Ion:146 Resp: 2728

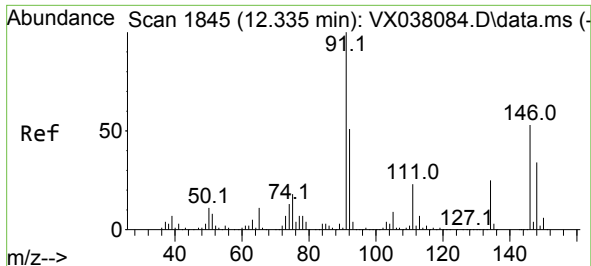
Ion Ratio Lower Upper

146 100

111 37.2 21.3 63.7

148 57.7 31.8 95.4

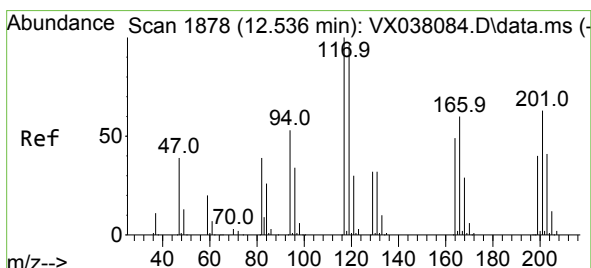
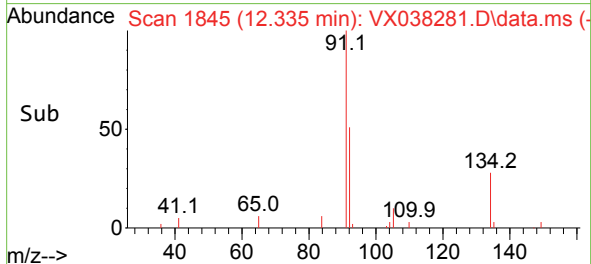
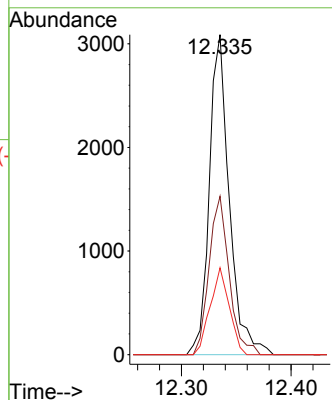
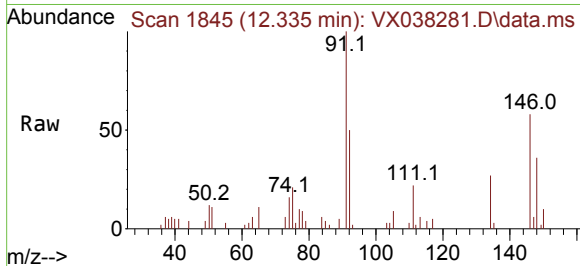




#89
n-Butylbenzene
Concen: 0.596 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

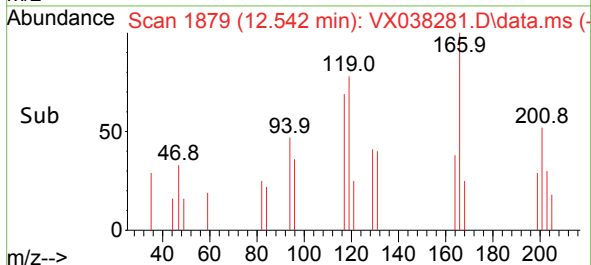
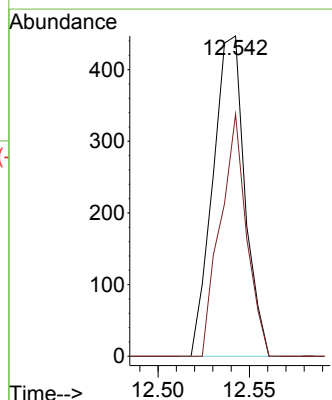
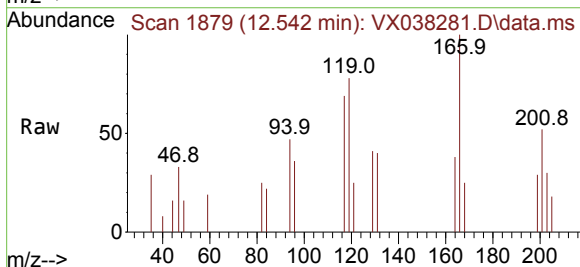
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

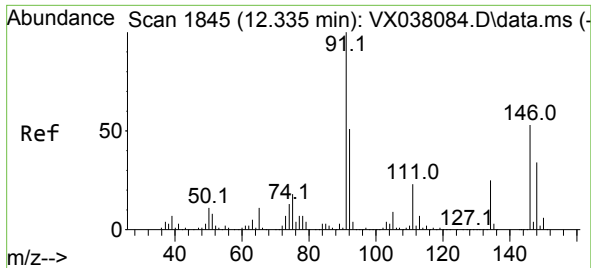
Tgt Ion: 91	Resp:	3897
Ion	Ratio	Lower Upper
91	100	
92	50.0	27.4 82.0
134	26.2	12.6 37.8



#90
Hexachloroethane
Concen: 0.501 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

Tgt Ion: 117	Resp:	545
Ion	Ratio	Lower Upper
117	100	
201	61.7	32.9 98.6

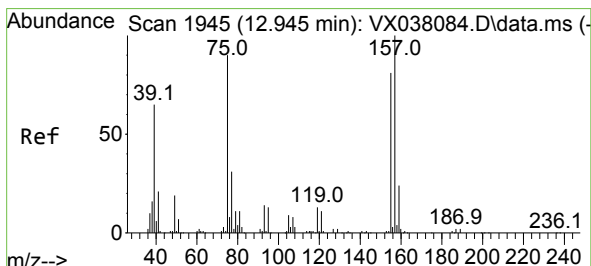
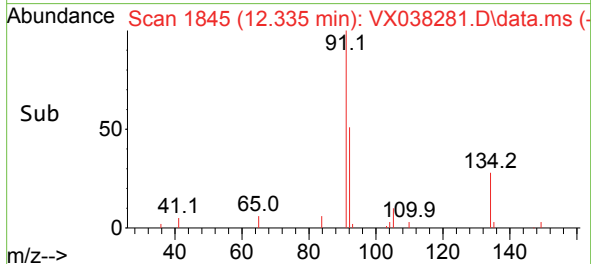
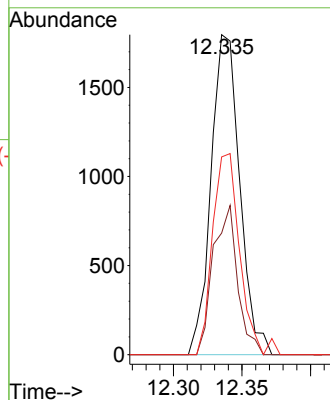
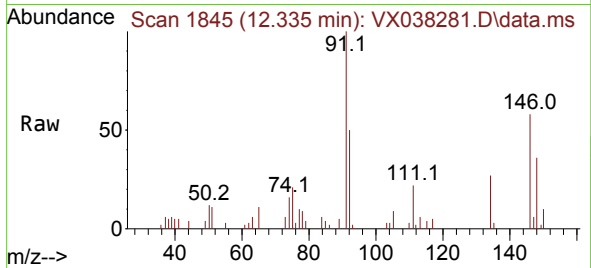




#91
1,2-Dichlorobenzene
Concen: 0.762 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

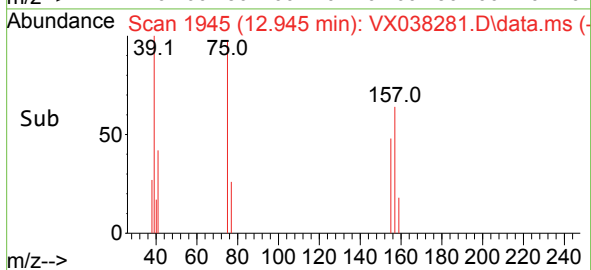
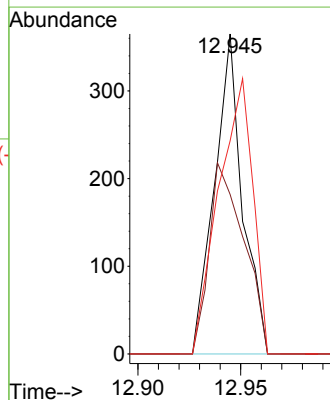
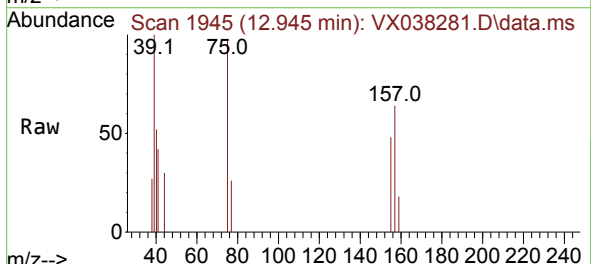
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

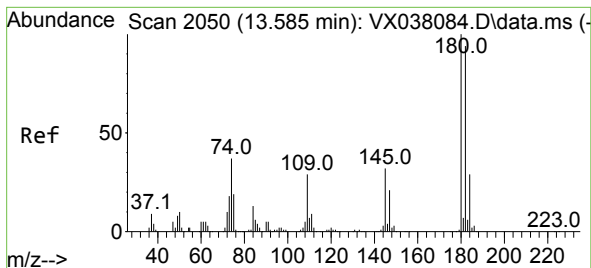
Tgt Ion:146 Resp: 2616
Ion Ratio Lower Upper
146 100
111 39.8 22.4 67.0
148 59.5 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.534 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX038281.D
Acq: 13 Oct 2023 13:25

Tgt Ion: 75 Resp: 345
Ion Ratio Lower Upper
75 100
155 74.2 36.1 108.5
157 105.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 0.623 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX038281.D

Acq: 13 Oct 2023 13:25

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

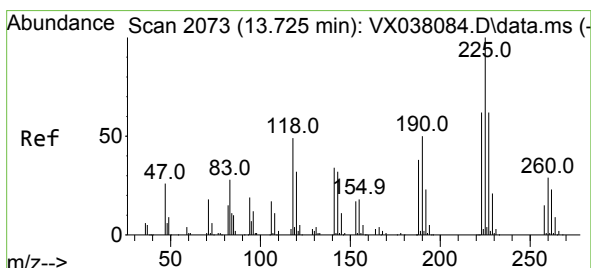
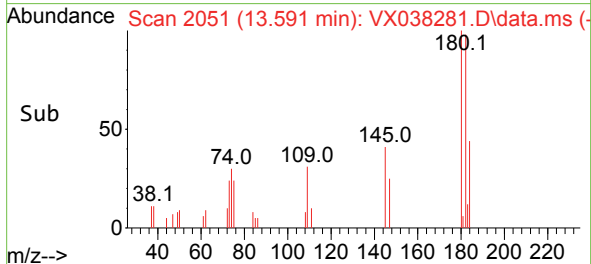
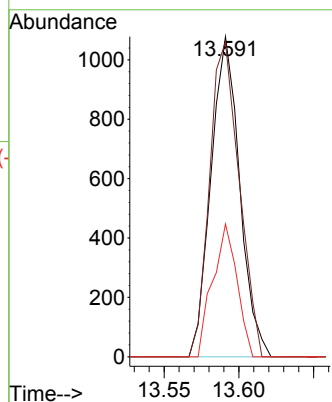
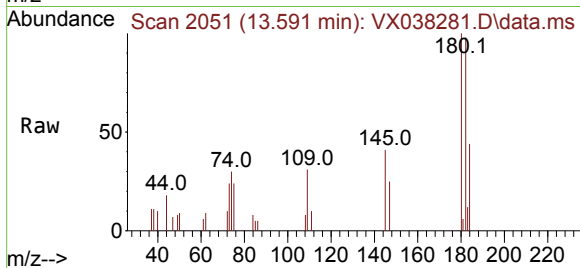
Tgt Ion:180 Resp: 1435

Ion Ratio Lower Upper

180 100

182 101.6 48.3 144.8

145 35.1 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.722 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038281.D

Acq: 13 Oct 2023 13:25

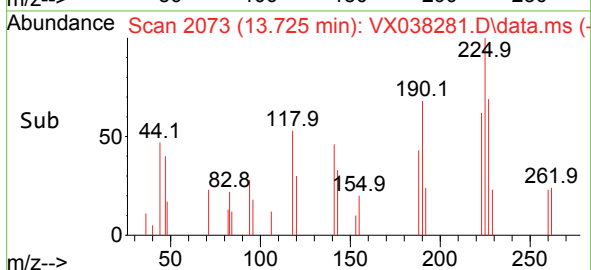
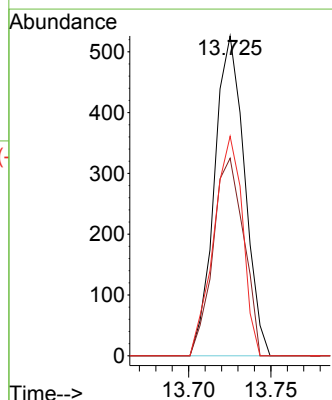
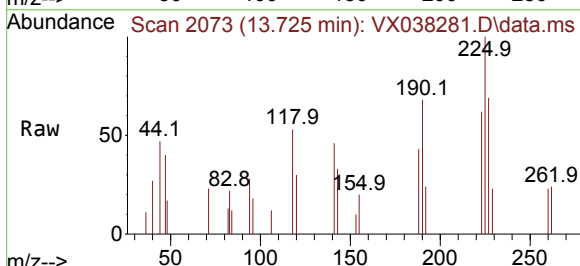
Tgt Ion:225 Resp: 669

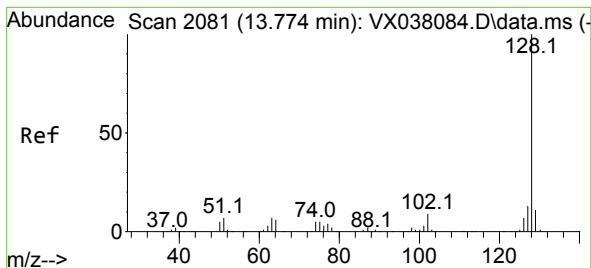
Ion Ratio Lower Upper

225 100

223 63.4 31.1 93.2

227 65.9 32.5 97.5





#95

Naphthalene

Concen: 0.603 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX038281.D

Acq: 13 Oct 2023 13:25

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

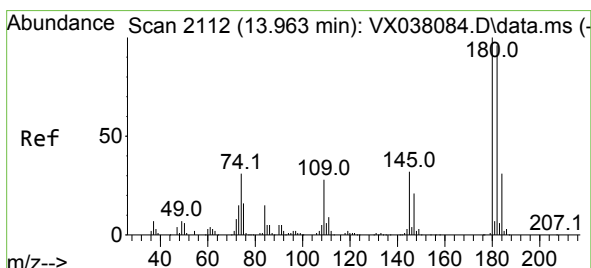
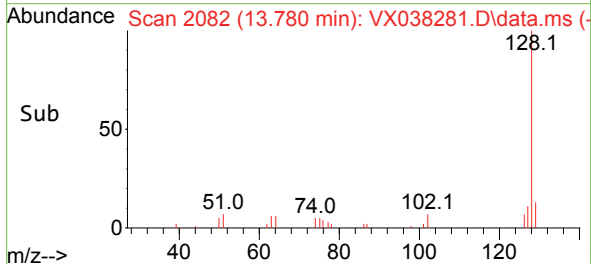
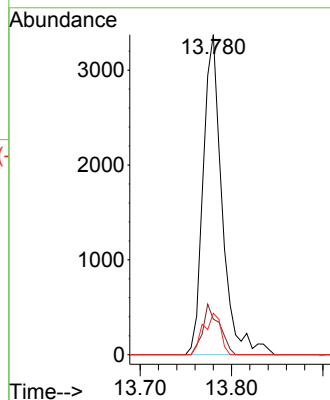
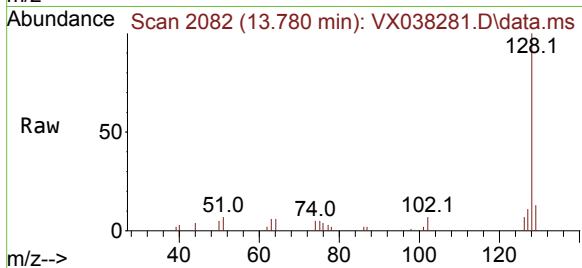
Tgt Ion:128 Resp: 4834

Ion Ratio Lower Upper

128 100

127 13.9 10.3 15.5

129 11.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.742 ug/l

RT: 13.969 min Scan# 2113

Delta R.T. 0.006 min

Lab File: VX038281.D

Acq: 13 Oct 2023 13:25

Tgt Ion:180 Resp: 1655

Ion Ratio Lower Upper

180 100

182 91.2 46.9 140.6

145 29.7 17.8 53.5

