

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101323\
 Data File : VX038282.D
 Acq On : 13 Oct 2023 13:48
 Operator : JC/MD
 Sample : 04699-09 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Oct 14 00:58:51 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	5.556	168	119037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206057	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105363	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95088	49.664	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.320%
35) Dibromofluoromethane	5.385	113	73359	49.408	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.820%
50) Toluene-d8	8.647	98	278076	49.012	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.020%
62) 4-Bromofluorobenzene	11.079	95	102218	47.522	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.040%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.167	85	2967	2.582	ug/l	92
3) Chloromethane	1.301	50	3223	2.752	ug/l	89
4) Vinyl Chloride	1.374	62	4275	3.292	ug/l	90
5) Bromomethane	1.605	94	4471	2.523	ug/l	93
6) Chloroethane	1.685	64	3459	3.004	ug/l	100
7) Trichlorofluoromethane	1.886	101	8063	3.144	ug/l	92
8) Diethyl Ether	2.136	74	2872	3.003	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	3387	3.025	ug/l	96
10) Methyl Iodide	2.453	142	4113	2.553	ug/l	95
11) Tert butyl alcohol	2.953	59	4762	10.213	ug/l #	87
12) 1,1-Dichloroethene	2.319	96	3242	2.977	ug/l	83
13) Acrolein	2.233	56	3428	12.594	ug/l	91
14) Allyl chloride	2.660	41	5028	2.581	ug/l	94
15) Acrylonitrile	3.063	53	11746	13.481	ug/l	99
16) Acetone	2.374	43	12648	15.828	ug/l	99
17) Carbon Disulfide	2.514	76	7262	2.314	ug/l	95
18) Methyl Acetate	2.703	43	9326	2.722	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	10713	2.470	ug/l	99
20) Methylene Chloride	2.788	84	4677	3.112	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	3635	2.696	ug/l	95
22) Diisopropyl ether	3.764	45	10132	2.482	ug/l	99
23) Vinyl Acetate	3.727	43	33124	11.063	ug/l	98
24) 1,1-Dichloroethane	3.611	63	6458	2.606	ug/l	98
25) 2-Butanone	4.562	43	17374	13.476	ug/l	99
26) 2,2-Dichloropropane	4.477	77	4355	2.251	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	4288	2.670	ug/l	88
28) Bromochloromethane	4.904	49	2964	2.650	ug/l #	85
29) Tetrahydrofuran	5.013	42	10555	12.574	ug/l	90
30) Chloroform	5.093	83	7215	2.663	ug/l	96
31) Cyclohexane	5.471	56	5026	2.423	ug/l #	93
32) 1,1,1-Trichloroethane	5.391	97	5910	2.547	ug/l	98
36) 1,1-Dichloropropene	5.702	75	5404	2.639	ug/l	97
37) Ethyl Acetate	4.715	43	5621	2.312	ug/l	96
38) Carbon Tetrachloride	5.684	117	5024	2.494	ug/l	97
39) Methylcyclohexane	7.385	83	5926	2.471	ug/l #	87
40) Benzene	6.044	78	15560	2.717	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	2832	2.341	ug/l #	87
42) 1,2-Dichloroethane	6.092	62	6276	2.743	ug/l	98
43) Isopropyl Acetate	6.342	43	8568	2.360	ug/l	97
44) Trichloroethene	7.129	130	3931	2.624	ug/l	97
45) 1,2-Dichloropropane	7.428	63	3862	2.606	ug/l	97
46) Dibromomethane	7.586	93	2906	2.528	ug/l	93
47) Bromodichloromethane	7.824	83	4997	2.444	ug/l #	94
48) Methyl methacrylate	7.702	41	4014	2.316	ug/l	89
49) 1,4-Dioxane	7.659	88	2201	51.542	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	30638	12.236	ug/l	98
52) Toluene	8.720	92	10380	2.783	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	4357	1.985	ug/l	97
54) cis-1,3-Dichloropropene	8.373	75	4950	2.146	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	4190	2.626	ug/l	97
56) Ethyl methacrylate	9.116	69	5385	2.201	ug/l	93
57) 1,3-Dichloropropane	9.311	76	6870	2.662	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.244	63	13990	11.650	ug/l	99
59) 2-Hexanone	9.433	43	24645	12.243	ug/l	97
60) Dibromochloromethane	9.519	129	3403	2.179	ug/l	89
61) 1,2-Dibromoethane	9.610	107	4136	2.397	ug/l	89
64) Tetrachloroethene	9.275	164	3670	2.763	ug/l	88
65) Chlorobenzene	10.080	112	11298	2.632	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	3464	2.386	ug/l	97
67) Ethyl Benzene	10.195	91	18685	2.438	ug/l	96
68) m/p-Xylenes	10.305	106	13952	4.709	ug/l	100
69) o-Xylene	10.640	106	6905	2.388	ug/l	96
70) Styrene	10.659	104	11184	2.375	ug/l	98
71) Bromoform	10.799	173	2365	1.977	ug/l #	98
73) Isopropylbenzene	10.964	105	17515	2.479	ug/l	98
74) N-amyl acetate	10.842	43	5637	1.868	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	7357	2.837	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	6762	2.823	ug/l	96
77) Bromobenzene	11.195	156	4684	2.715	ug/l	91
78) n-propylbenzene	11.305	91	22240	2.574	ug/l	99
79) 2-Chlorotoluene	11.366	91	13455	2.626	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	15062	2.471	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.079	75	57166	76.197	ug/l #	5
82) 4-Chlorotoluene	11.457	91	15963	2.633	ug/l	97
83) tert-Butylbenzene	11.713	119	15130	2.540	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	14720	2.422	ug/l	97
85) sec-Butylbenzene	11.890	105	19271	2.497	ug/l	99
86) p-Isopropyltoluene	12.012	119	15329	2.408	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	9223	2.662	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	9451	2.672	ug/l	88
89) n-Butylbenzene	12.329	91	14968	2.361	ug/l	97
90) Hexachloroethane	12.536	117	2242	2.124	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	8914	2.676	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	1293	2.063	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	5377	2.407	ug/l	97
94) Hexachlorobutadiene	13.725	225	2398	2.667	ug/l	98
95) Naphthalene	13.774	128	17279	2.221	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	5595	2.587	ug/l	98

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Quant Title : SW846 8260
QLast Update : Sat Oct 14 00:55:23 2023
Response via : Initial Calibration

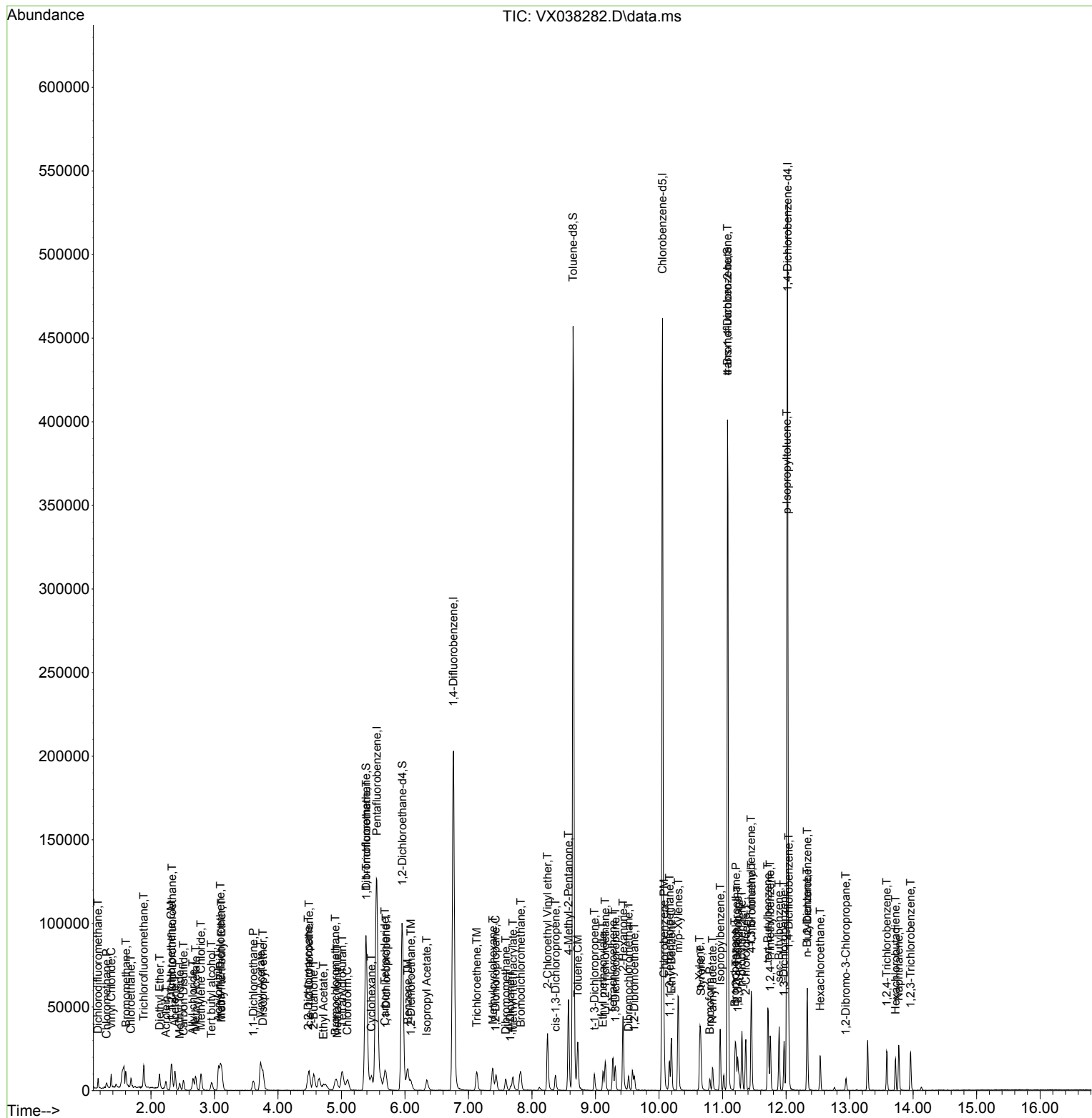
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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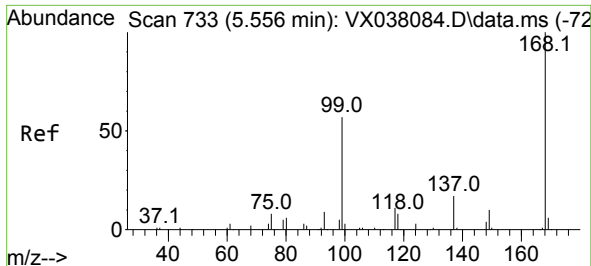
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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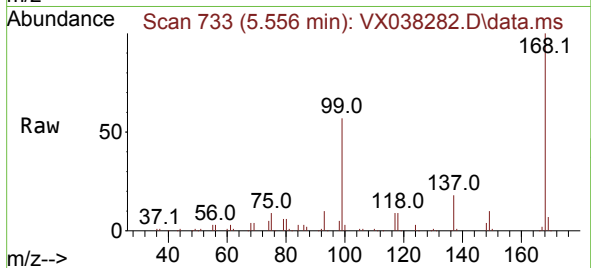
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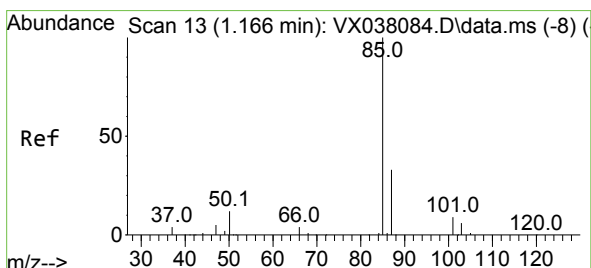
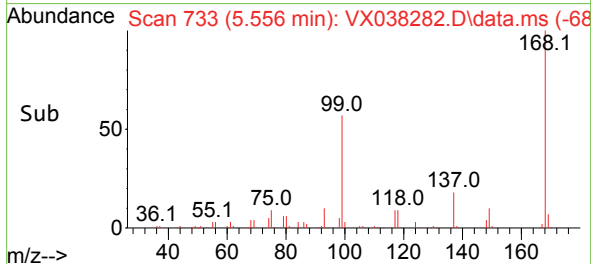
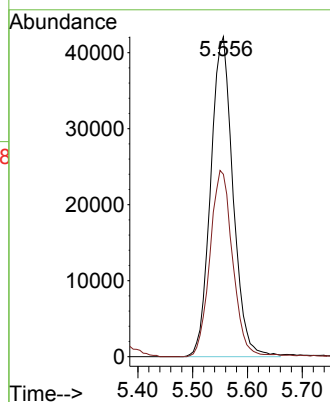


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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ClientSampleId : MDL-WATER-03-QT4-2023

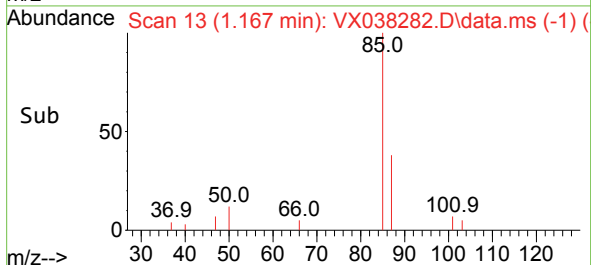
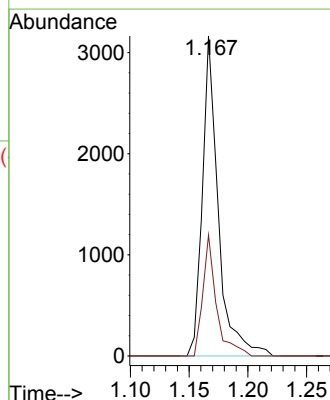
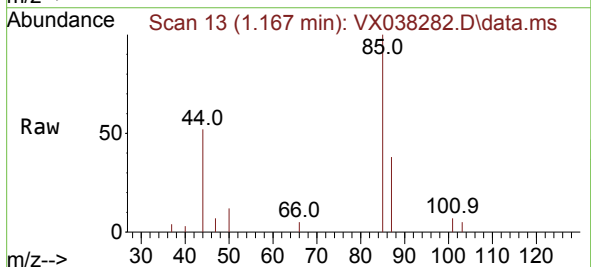


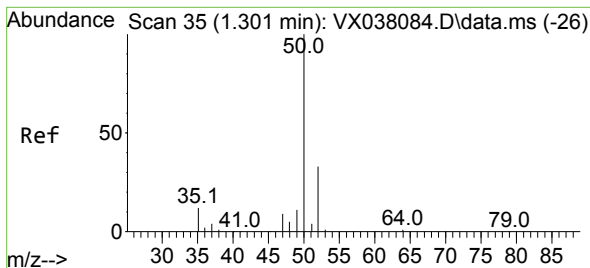
Tgt Ion:168 Resp: 119037
Ion Ratio Lower Upper
168 100
99 57.0 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 2.582 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion: 85 Resp: 2967
Ion Ratio Lower Upper
85 100
87 37.8 16.7 50.1





#3

Chloromethane

Concen: 2.752 ug/l

RT: 1.301 min Scan# 35

Delta R.T. -0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

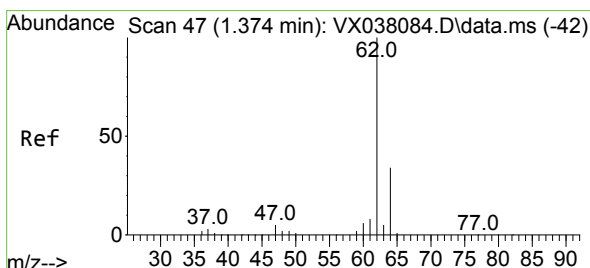
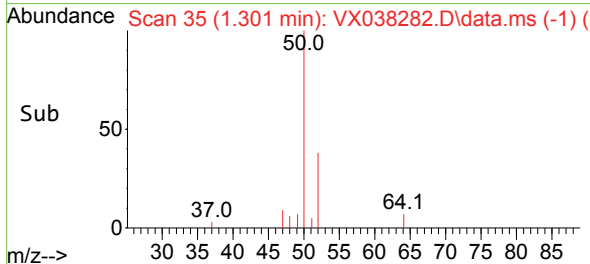
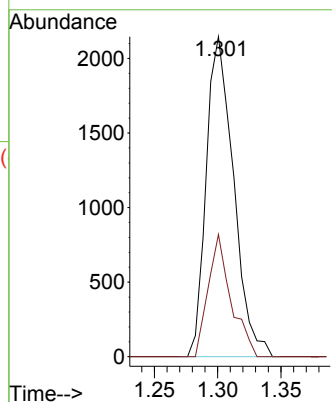
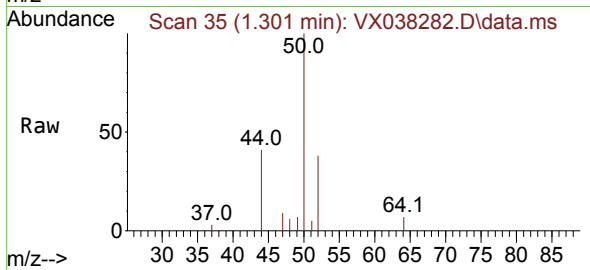
MDL-WATER-03-QT4-2023

Tgt Ion: 50 Resp: 3223

Ion Ratio Lower Upper

50 100

52 38.2 25.5 38.3



#4

Vinyl Chloride

Concen: 3.292 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX038282.D

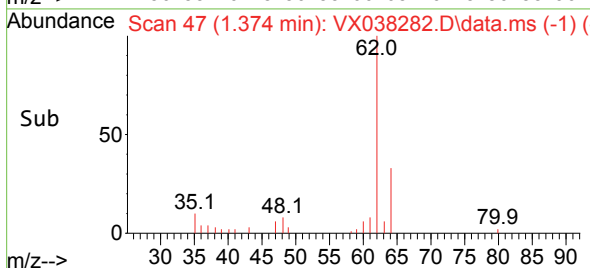
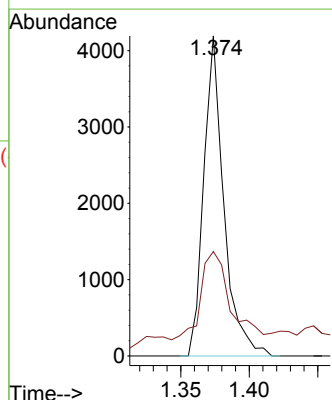
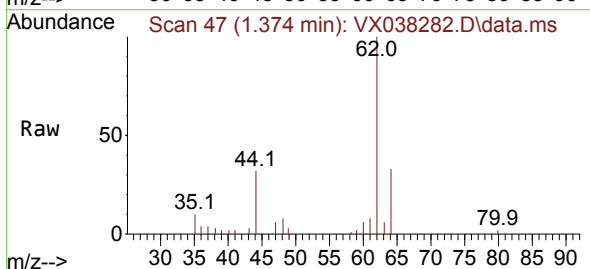
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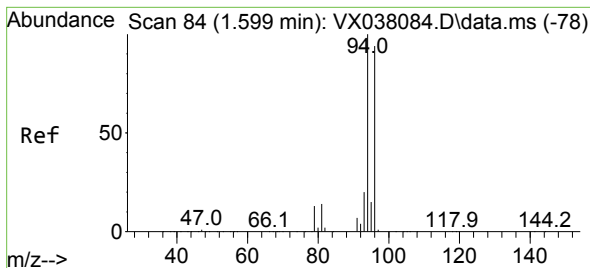
Tgt Ion: 62 Resp: 4275

Ion Ratio Lower Upper

62 100

64 26.3 25.4 38.0





#5

Bromomethane

Concen: 2.523 ug/l

RT: 1.605 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

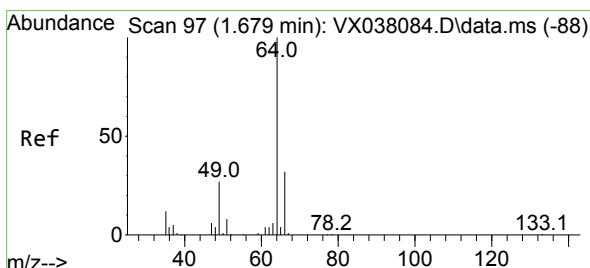
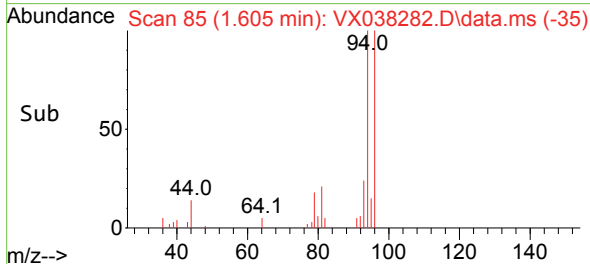
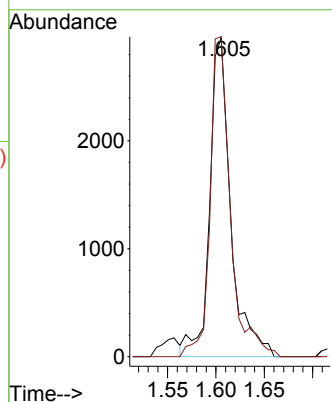
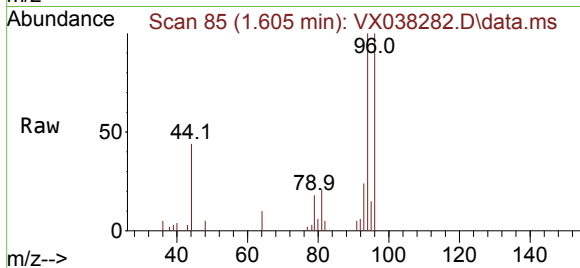
MDL-WATER-03-QT4-2023

Tgt Ion: 94 Resp: 4471

Ion Ratio Lower Upper

94 100

96 100.4 74.6 111.8



#6

Chloroethane

Concen: 3.004 ug/l

RT: 1.685 min Scan# 98

Delta R.T. 0.006 min

Lab File: VX038282.D

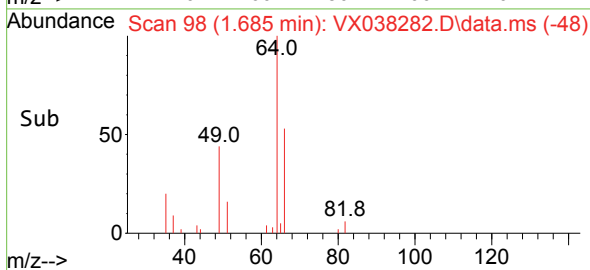
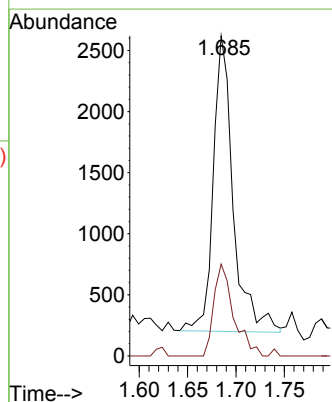
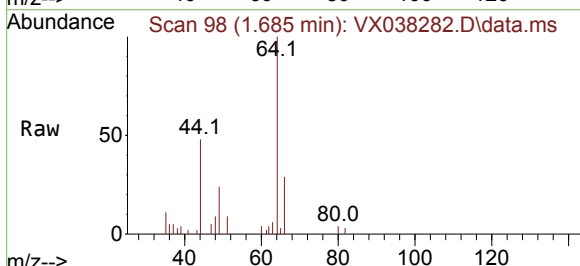
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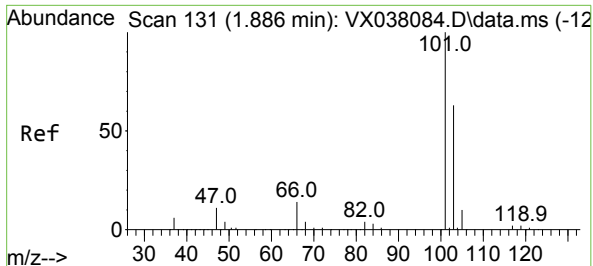
Tgt Ion: 64 Resp: 3459

Ion Ratio Lower Upper

64 100

66 31.2 25.1 37.7

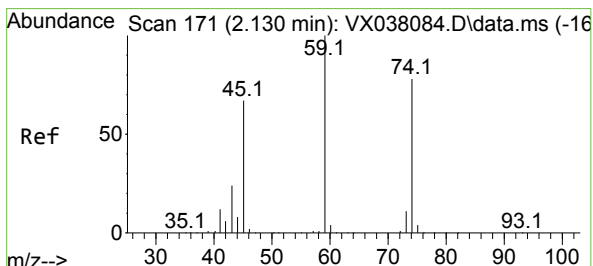
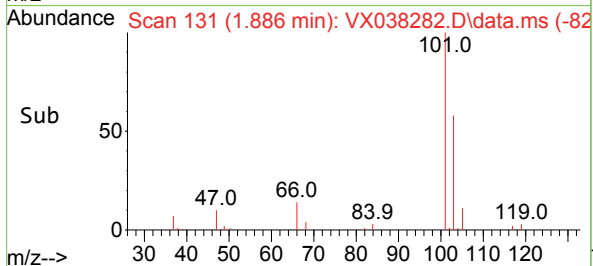
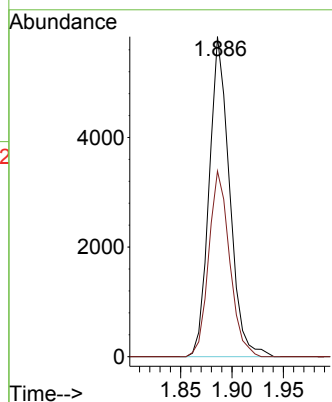
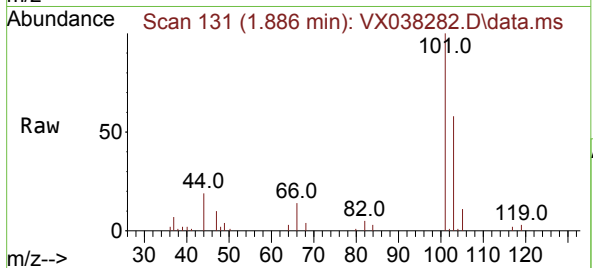




#7
Trichlorofluoromethane
Concen: 3.144 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

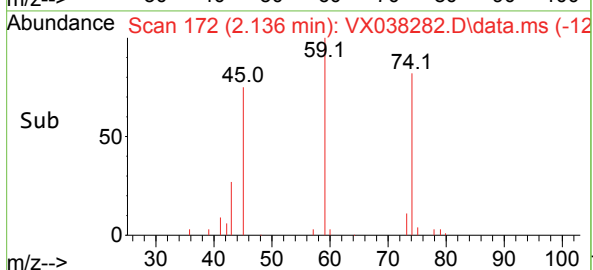
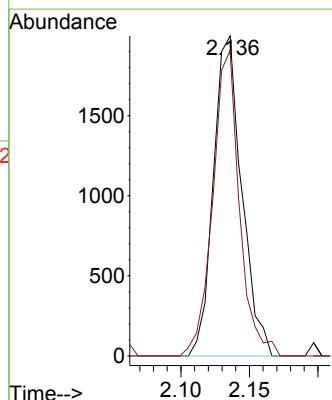
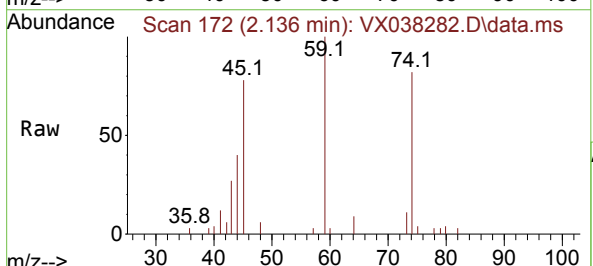
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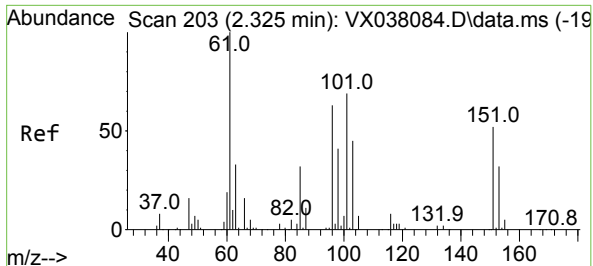
Tgt Ion:101 Resp: 8063
Ion Ratio Lower Upper
101 100
103 58.0 51.4 77.2



#8
Diethyl Ether
Concen: 3.003 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion: 74 Resp: 2872
Ion Ratio Lower Upper
74 100
45 89.9 53.3 159.8

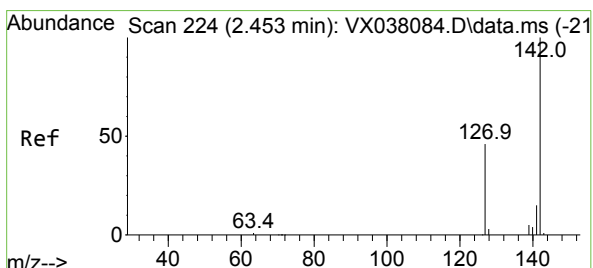
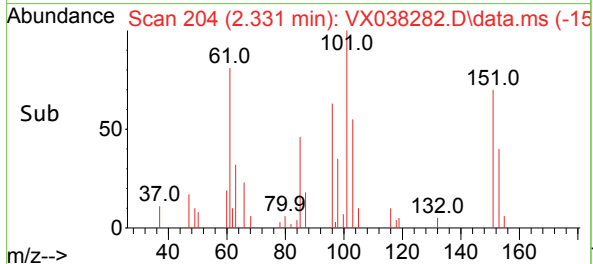
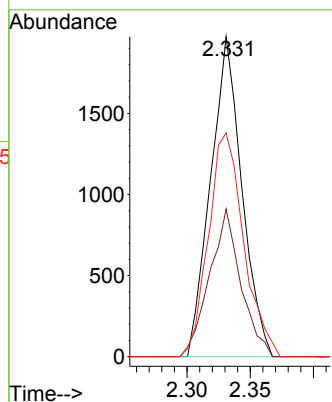
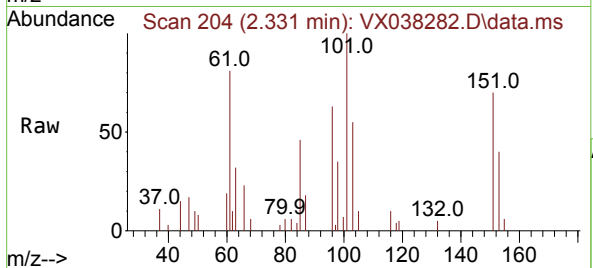




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.025 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

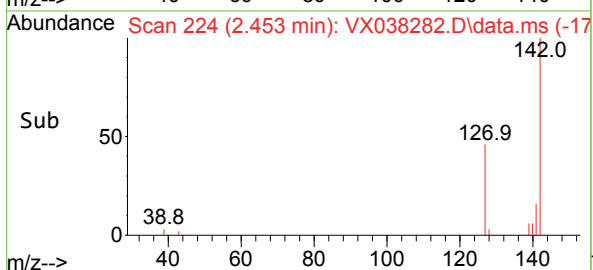
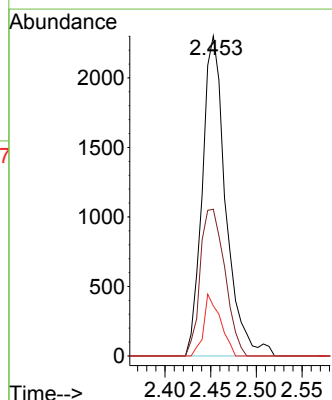
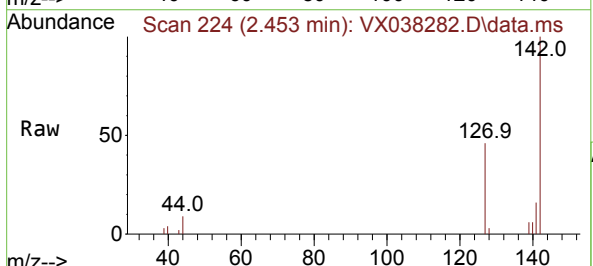
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion:101 Resp: 3387
Ion Ratio Lower Upper
101 100
85 46.2 37.0 55.6
151 78.7 58.6 87.8



#10
Methyl Iodide
Concen: 2.553 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion:142 Resp: 4113
Ion Ratio Lower Upper
142 100
127 48.1 41.6 62.4
141 13.7 11.6 17.4





#11

Tert butyl alcohol

Concen: 10.213 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

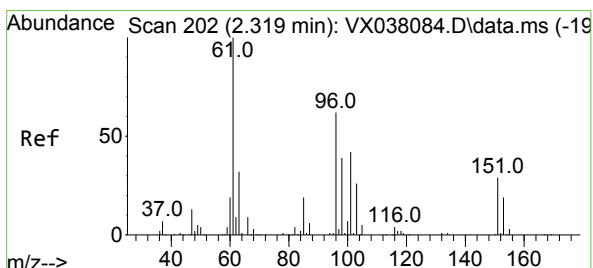
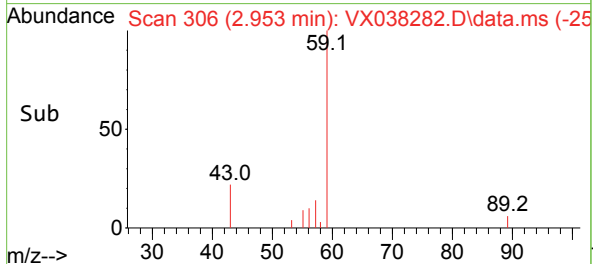
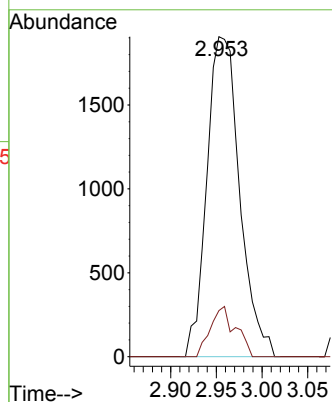
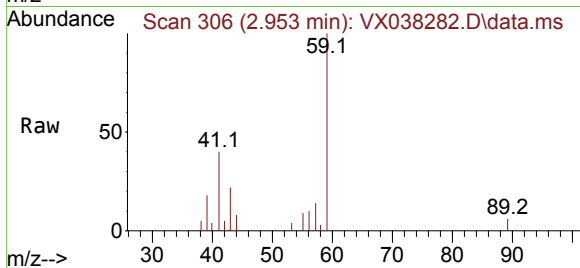
MDL-WATER-03-QT4-2023

Tgt Ion: 59 Resp: 4762

Ion Ratio Lower Upper

59 100

57 12.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 2.977 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

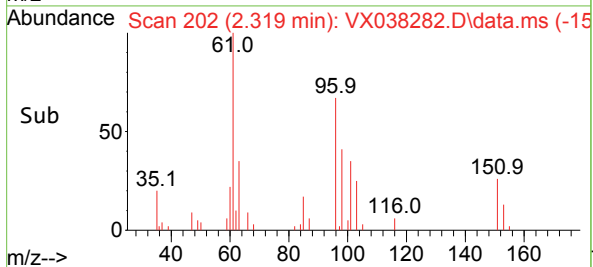
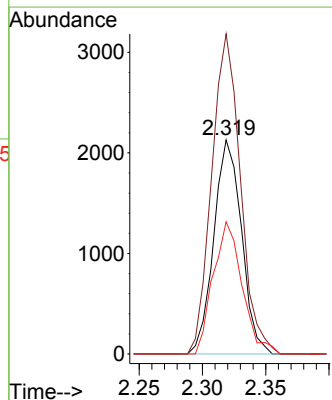
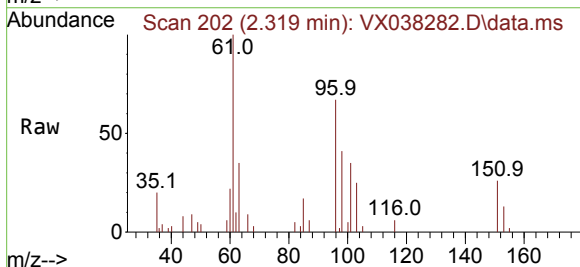
Tgt Ion: 96 Resp: 3242

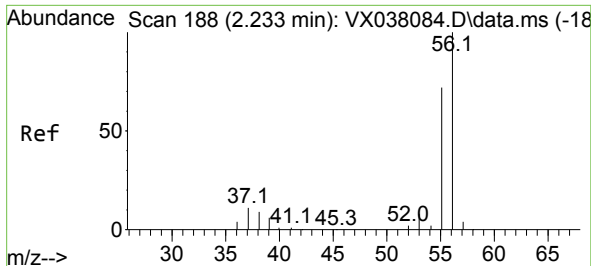
Ion Ratio Lower Upper

96 100

61 149.4 144.6 216.8

98 61.7 50.4 75.6





#13

Acrolein

Concen: 12.594 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

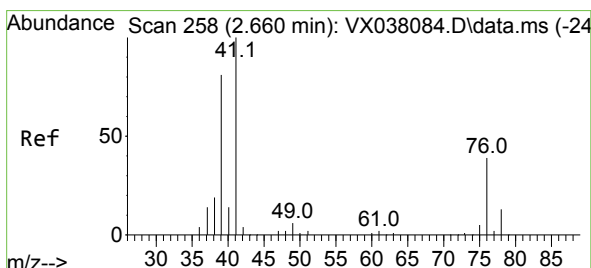
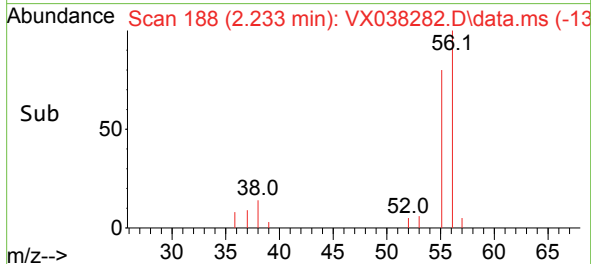
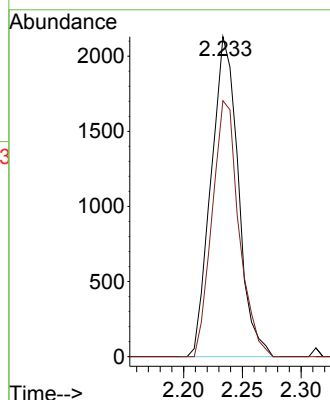
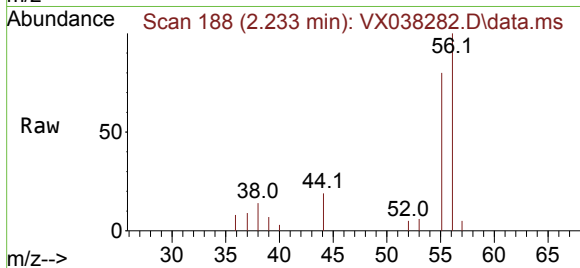
MDL-WATER-03-QT4-2023

Tgt Ion: 56 Resp: 3428

Ion Ratio Lower Upper

56 100

55 78.9 57.1 85.7



#14

Allyl chloride

Concen: 2.581 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

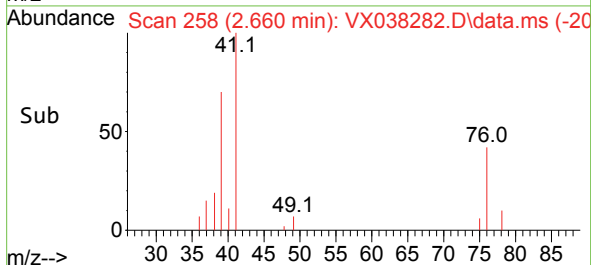
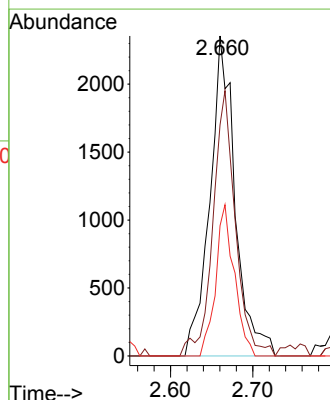
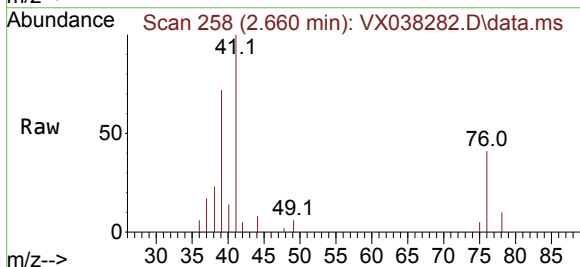
Tgt Ion: 41 Resp: 5028

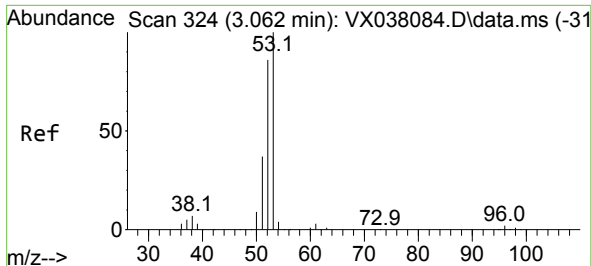
Ion Ratio Lower Upper

41 100

39 73.9 55.8 83.6

76 34.9 24.3 36.5

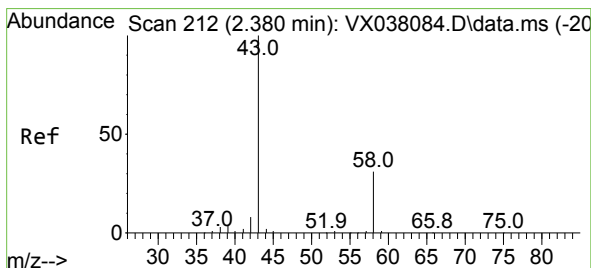
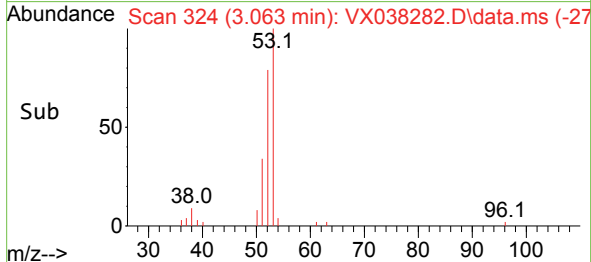
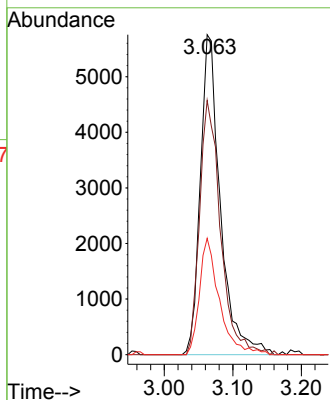
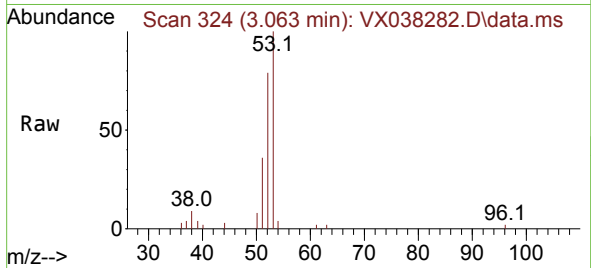




#15
Acrylonitrile
Concen: 13.481 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

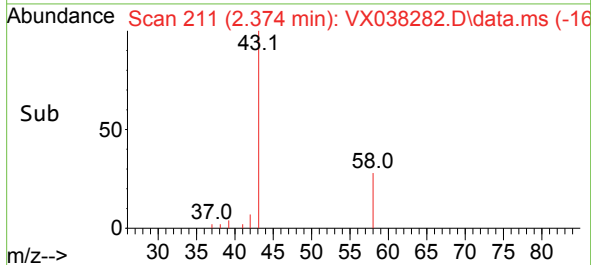
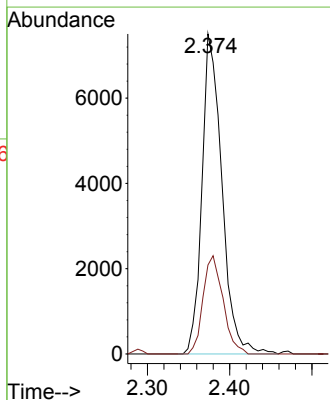
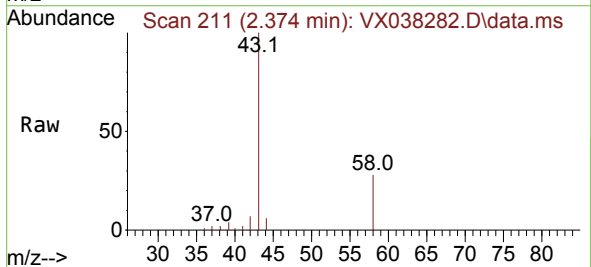
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

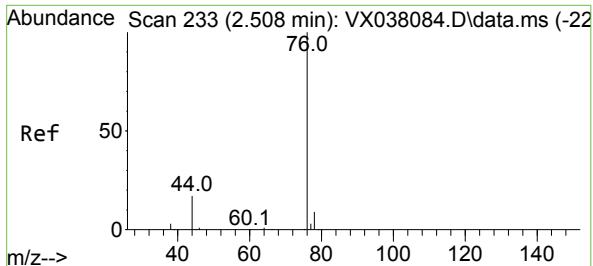
Tgt Ion: 53	Resp: 11746
Ion Ratio	Lower Upper
53 100	
52 83.0	66.0 99.0
51 36.1	29.8 44.6



#16
Acetone
Concen: 15.828 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion: 43	Resp: 12648
Ion Ratio	Lower Upper
43 100	
58 27.8	21.9 32.9





#17

Carbon Disulfide

Concen: 2.314 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

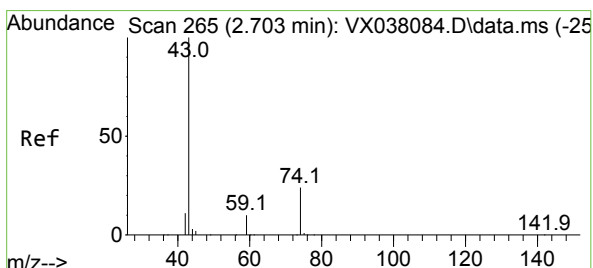
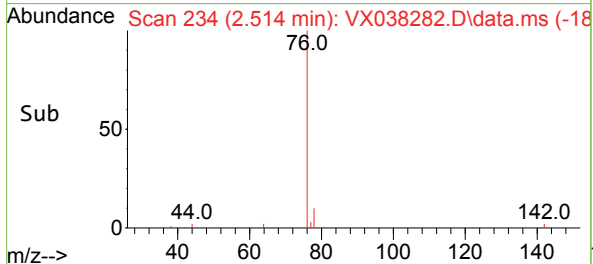
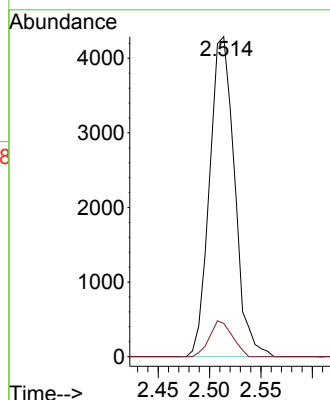
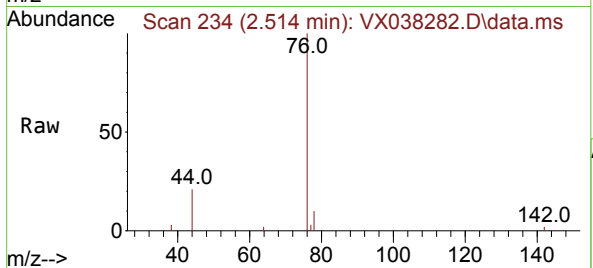
MDL-WATER-03-QT4-2023

Tgt Ion: 76 Resp: 7262

Ion Ratio Lower Upper

76 100

78 10.4 7.0 10.6



#18

Methyl Acetate

Concen: 2.722 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX038282.D

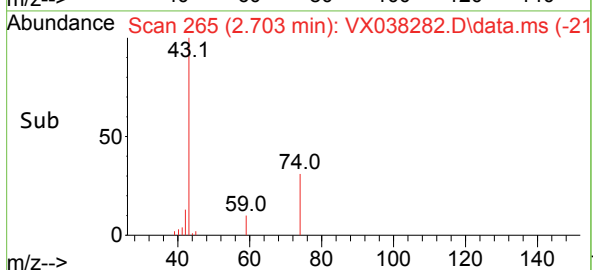
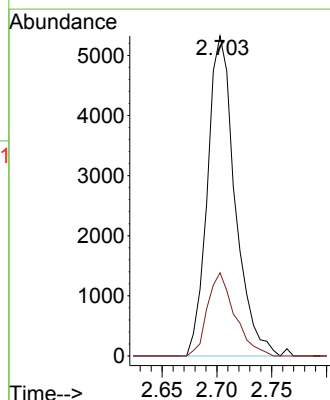
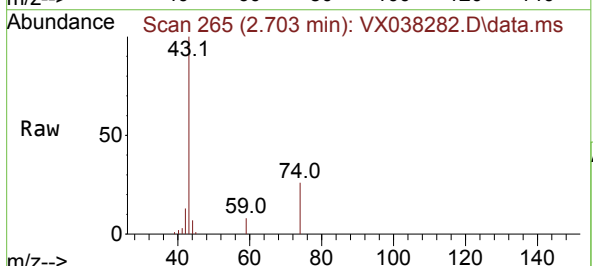
Acq: 13 Oct 2023 13:48

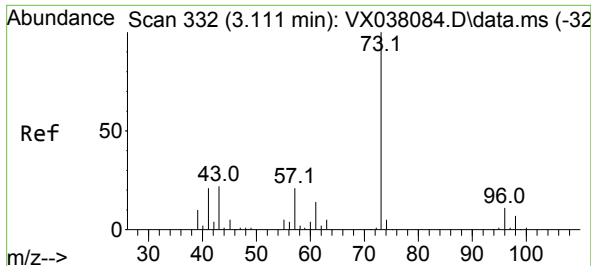
Tgt Ion: 43 Resp: 9326

Ion Ratio Lower Upper

43 100

74 25.7 17.8 26.8

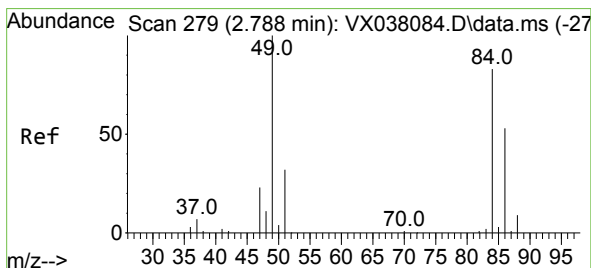
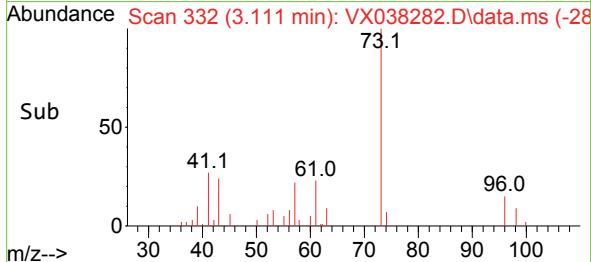
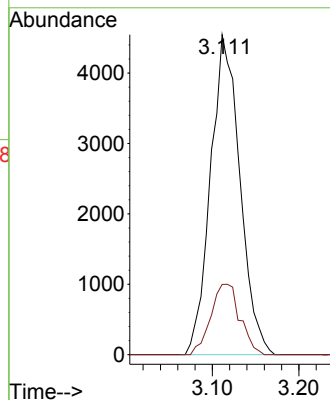
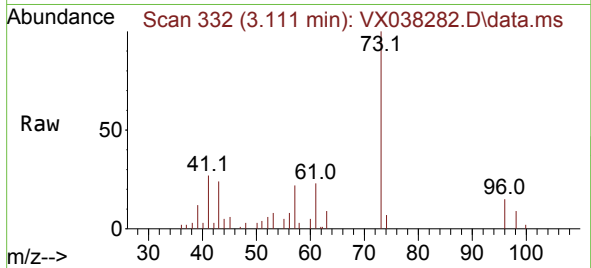




#19
Methyl tert-butyl Ether
Concen: 2.470 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

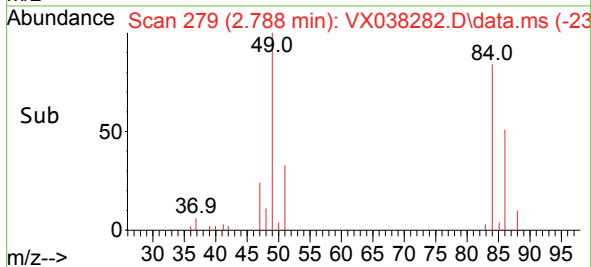
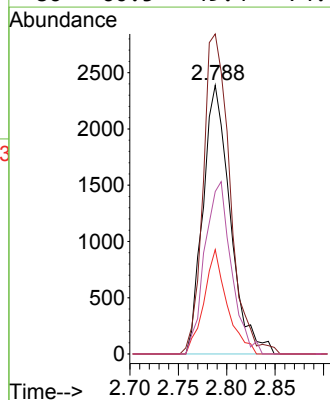
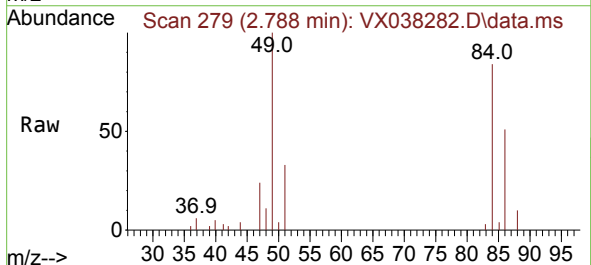
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

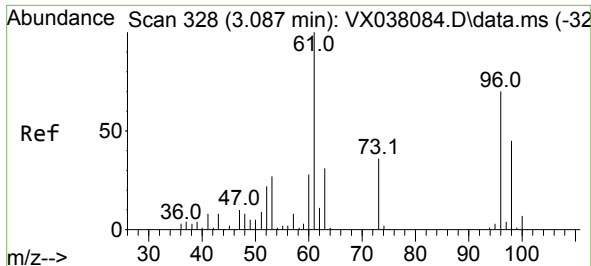
Tgt Ion: 73 Resp: 10713
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9



#20
Methylene Chloride
Concen: 3.112 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion: 84 Resp: 4677
Ion Ratio Lower Upper
84 100
49 119.1 103.6 155.4
51 38.8 33.8 50.6
86 60.5 49.4 74.0

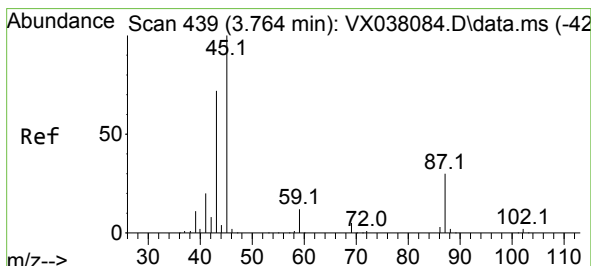
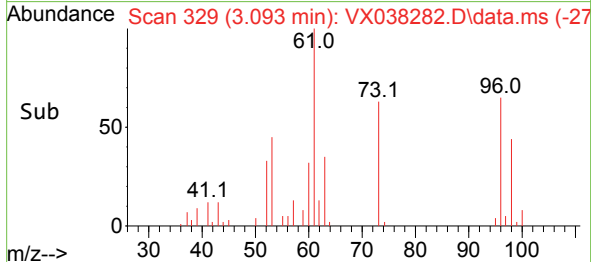
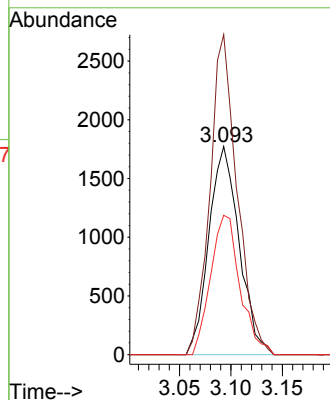
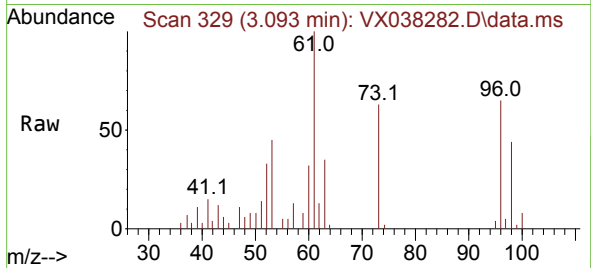




#21
trans-1,2-Dichloroethene
Concen: 2.696 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

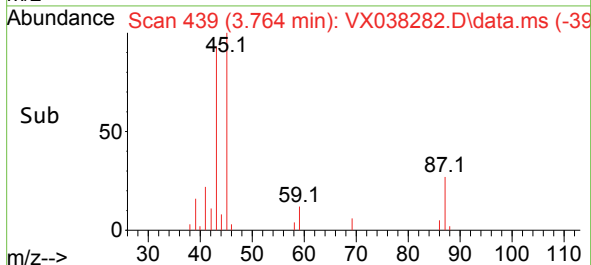
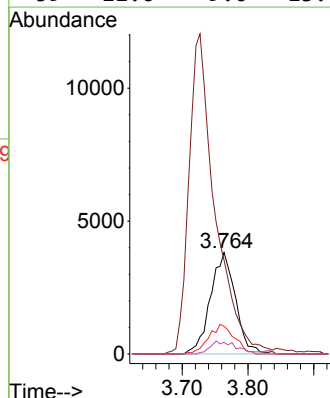
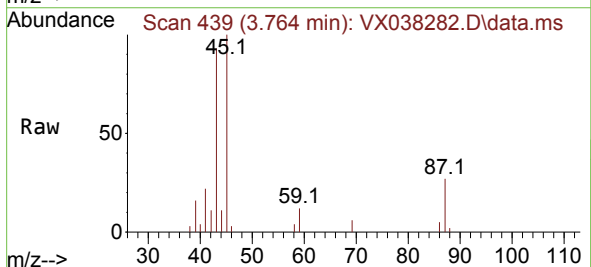
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

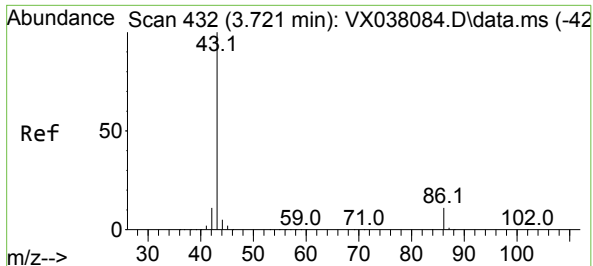
Tgt Ion: 96 Resp: 3635
Ion Ratio Lower Upper
96 100
61 153.8 119.2 178.8
98 67.0 48.7 73.1



#22
Diisopropyl ether
Concen: 2.482 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion: 45 Resp: 10132
Ion Ratio Lower Upper
45 100
43 87.8 69.7 104.5
87 27.3 20.8 31.2
59 11.6 9.0 13.4

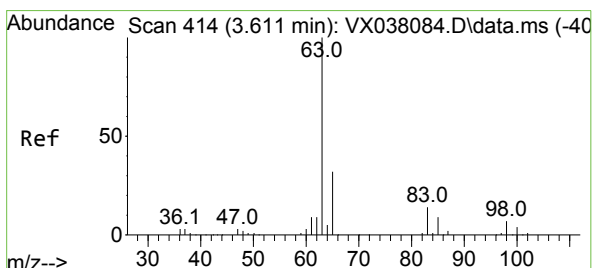
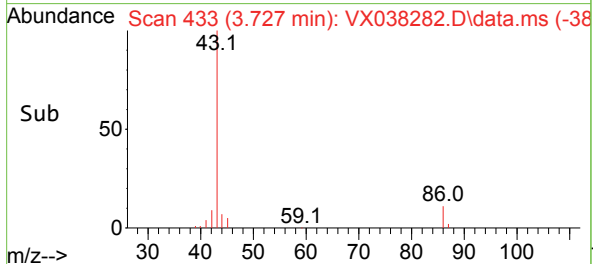
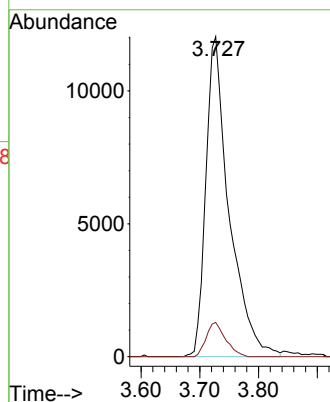
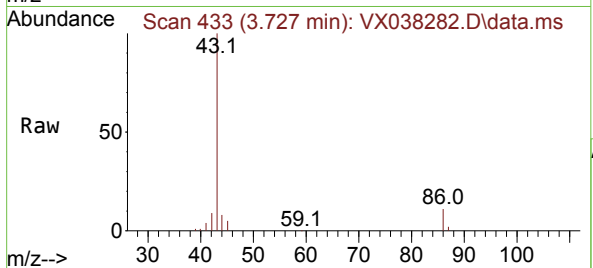




#23
 Vinyl Acetate
 Concen: 11.063 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX038282.D
 Acq: 13 Oct 2023 13:48

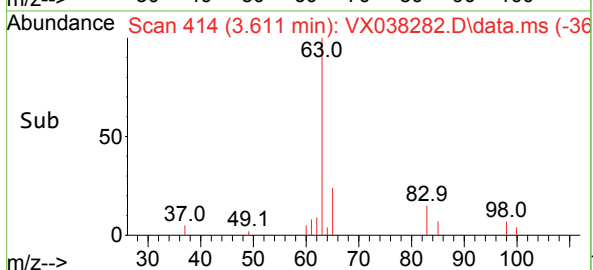
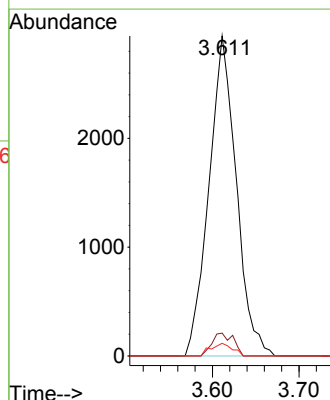
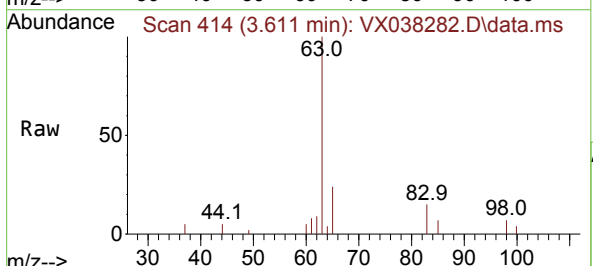
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2023

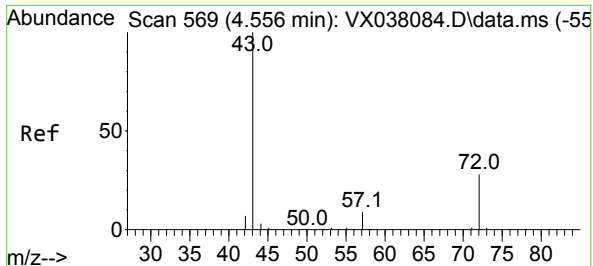
Tgt Ion: 43 Resp: 33124
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 2.606 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038282.D
 Acq: 13 Oct 2023 13:48

Tgt Ion: 63 Resp: 6458
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.8
 100 3.9 2.1 6.5

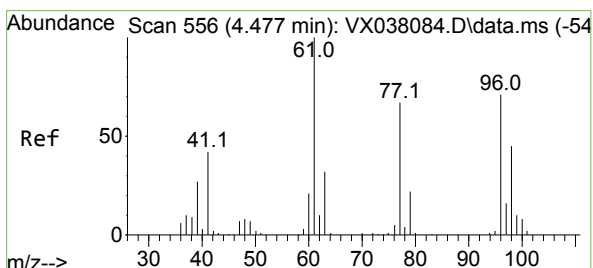
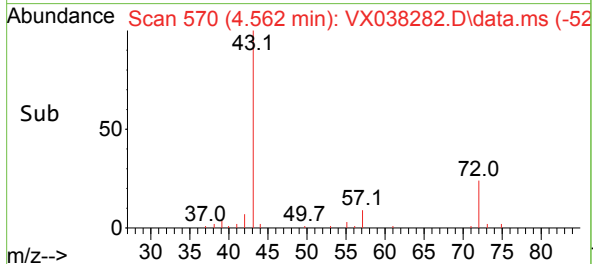
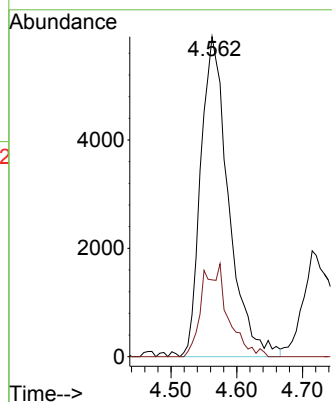
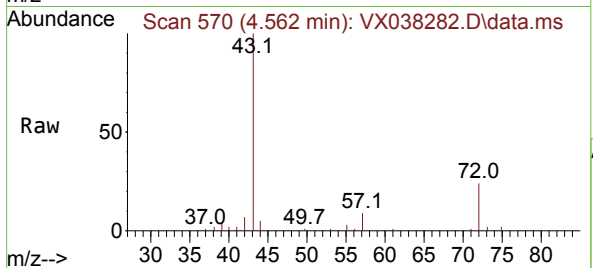




#25
2-Butanone
Concen: 13.476 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

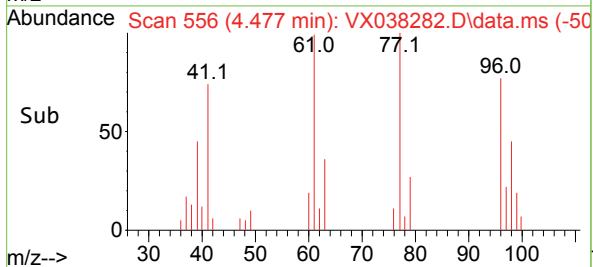
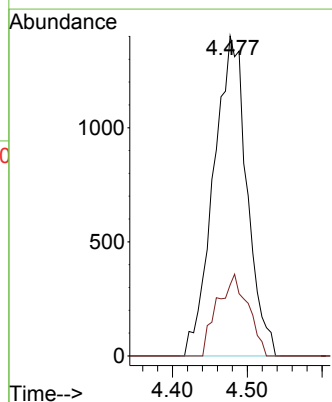
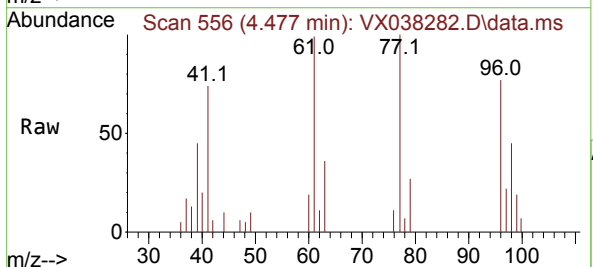
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

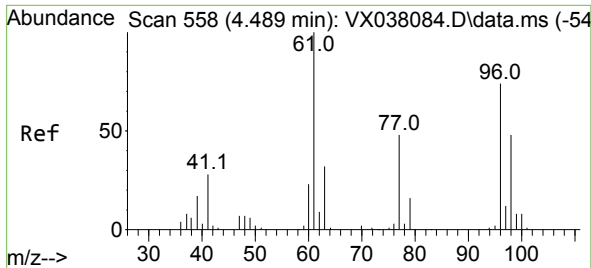
Tgt Ion: 43 Resp: 17374
Ion Ratio Lower Upper
43 100
72 24.0 19.4 29.2



#26
2,2-Dichloropropane
Concen: 2.251 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion: 77 Resp: 4355
Ion Ratio Lower Upper
77 100
97 23.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 2.670 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

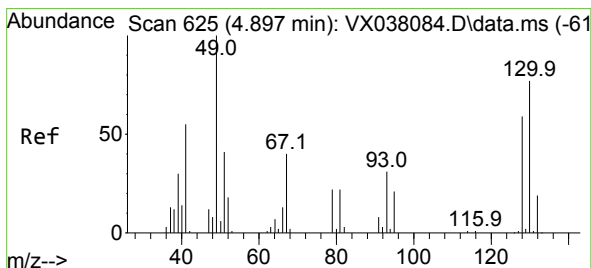
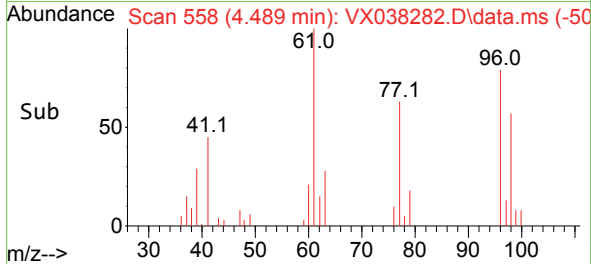
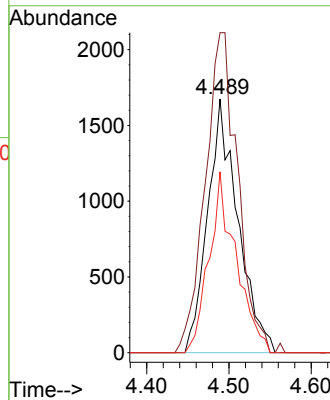
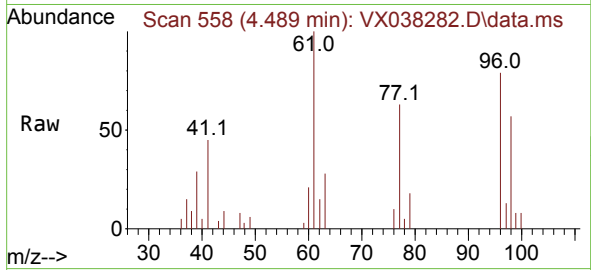
Tgt Ion: 96 Resp: 4288

Ion Ratio Lower Upper

96 100

61 134.9 0.0 312.2

98 63.7 0.0 129.0



#28

Bromochloromethane

Concen: 2.650 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.007 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

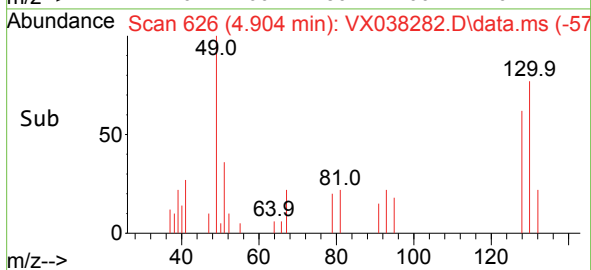
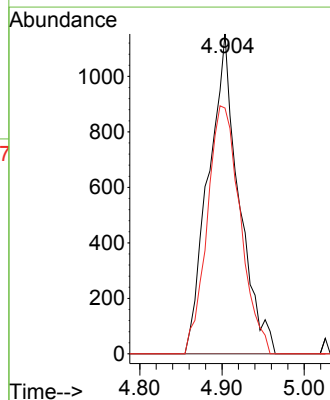
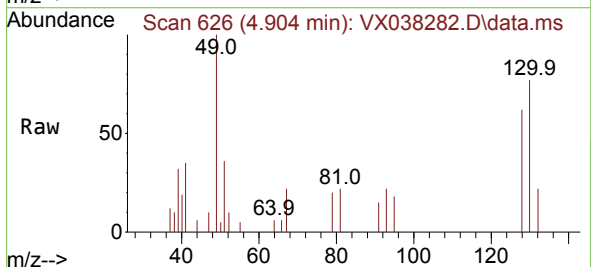
Tgt Ion: 49 Resp: 2964

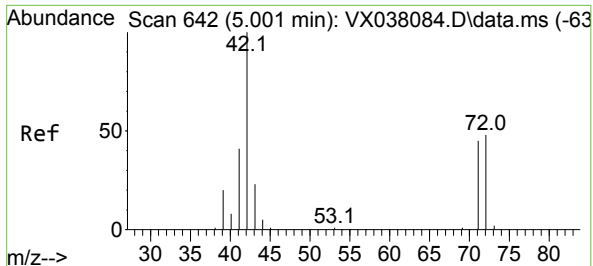
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 84.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 12.574 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX038282.D

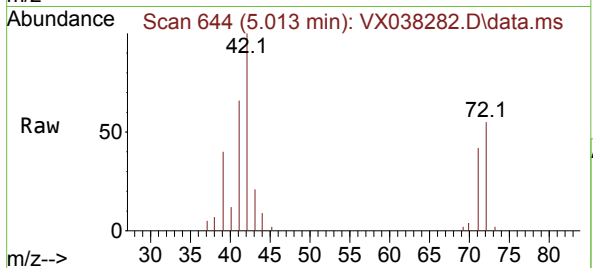
Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023



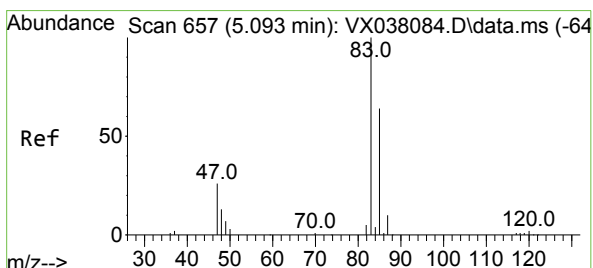
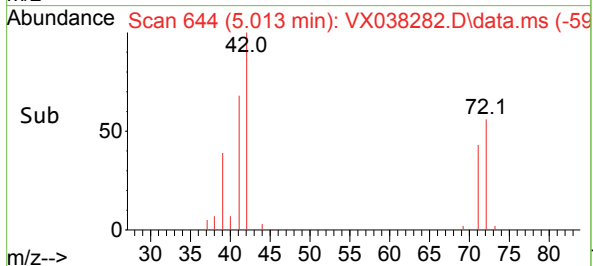
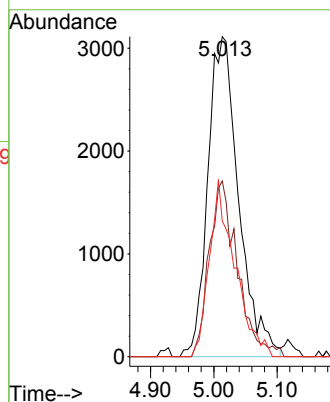
Tgt Ion: 42 Resp: 10555

Ion Ratio Lower Upper

42 100

72 50.4 34.2 51.4

71 45.7 32.2 48.2



#30

Chloroform

Concen: 2.663 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX038282.D

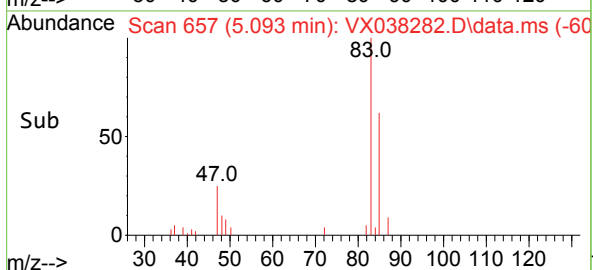
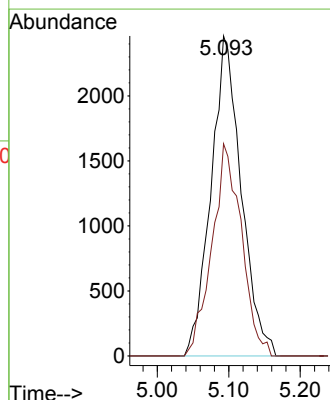
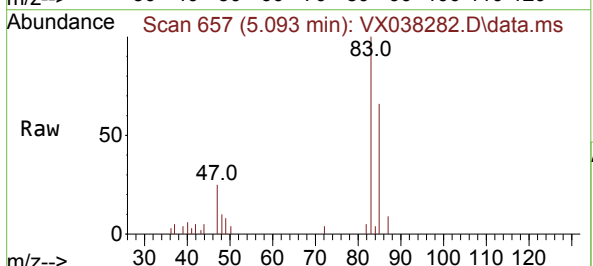
Acq: 13 Oct 2023 13:48

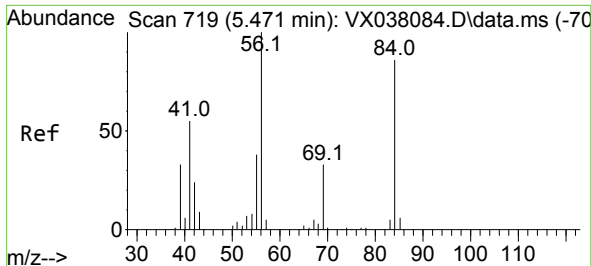
Tgt Ion: 83 Resp: 7215

Ion Ratio Lower Upper

83 100

85 66.3 50.3 75.5

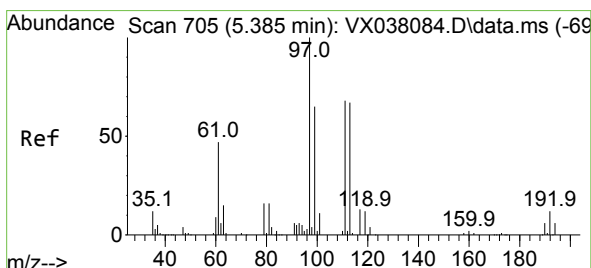
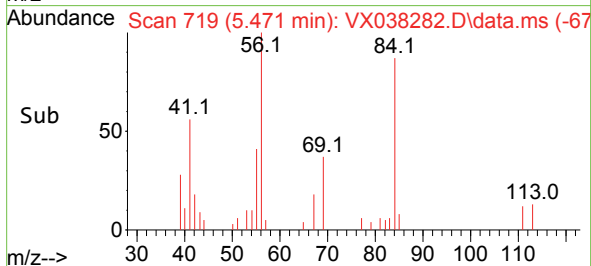
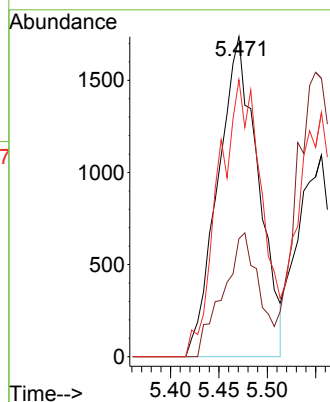
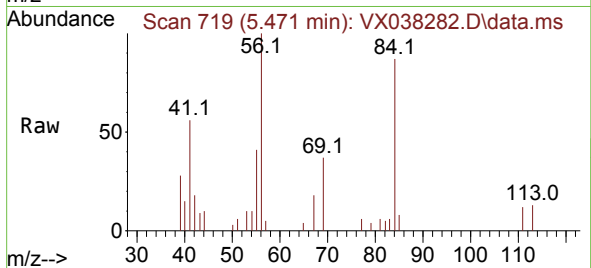




#31
Cyclohexane
Concen: 2.423 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

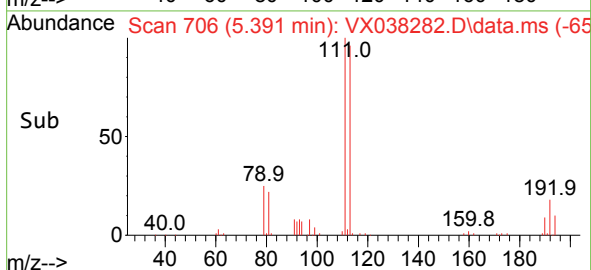
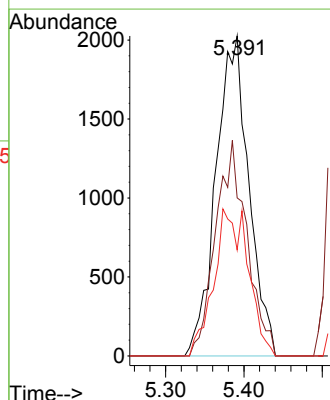
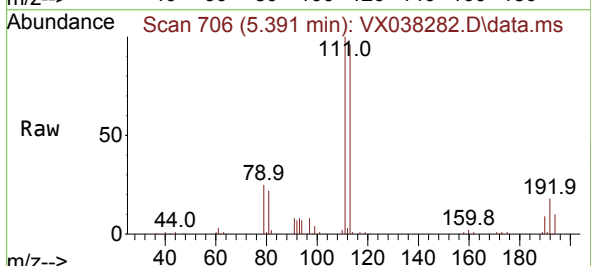
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

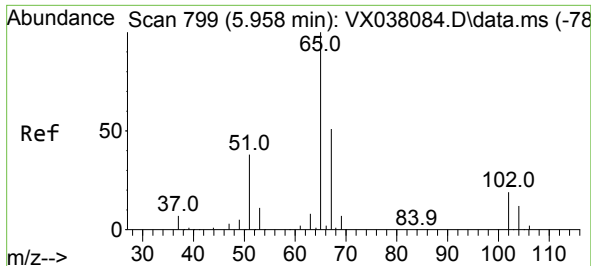
Tgt Ion: 56 Resp: 5026
Ion Ratio Lower Upper
56 100
69 36.8 23.4 35.2#
84 86.5 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 2.547 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion: 97 Resp: 5910
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 47.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 49.664 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

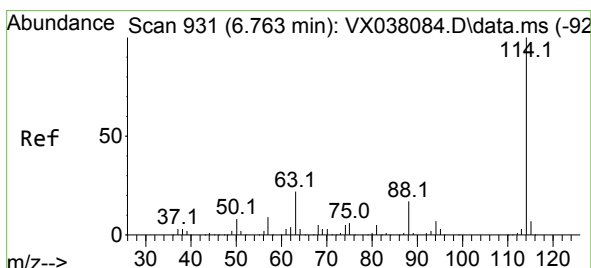
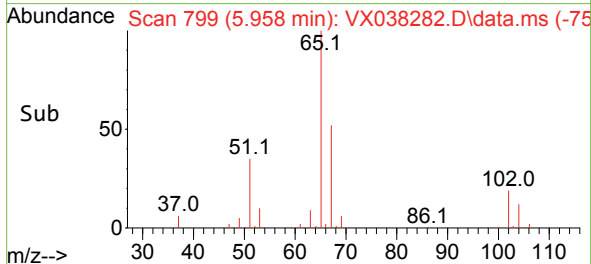
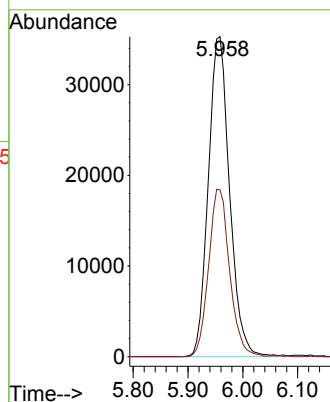
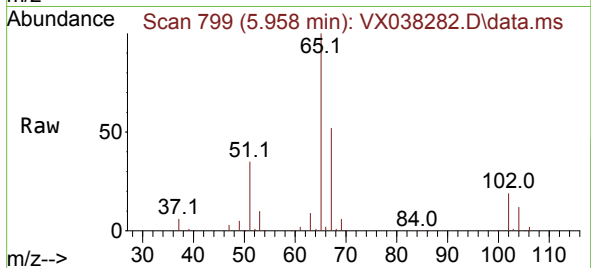
MDL-WATER-03-QT4-2023

Tgt Ion: 65 Resp: 95088

Ion Ratio Lower Upper

65 100

67 51.6 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: VX038282.D

Acq: 13 Oct 2023 13:48

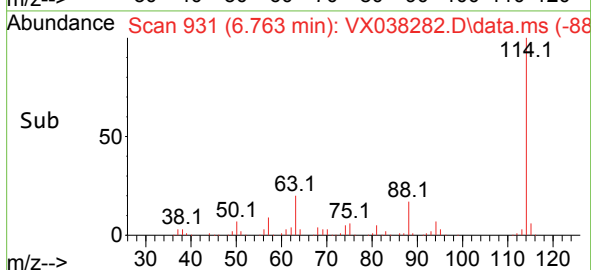
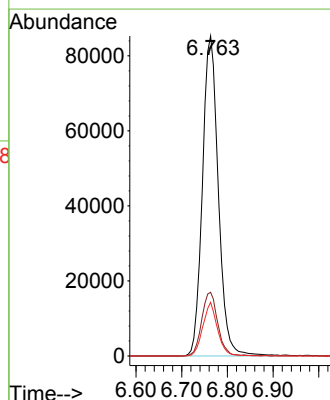
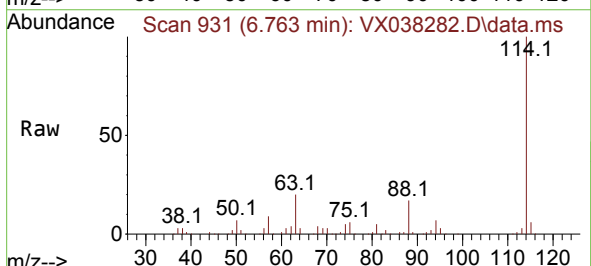
Tgt Ion: 114 Resp: 206057

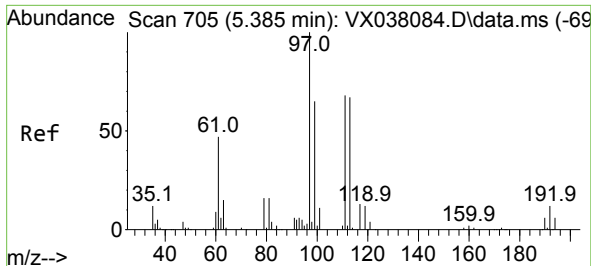
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

88 16.8 0.0 36.6

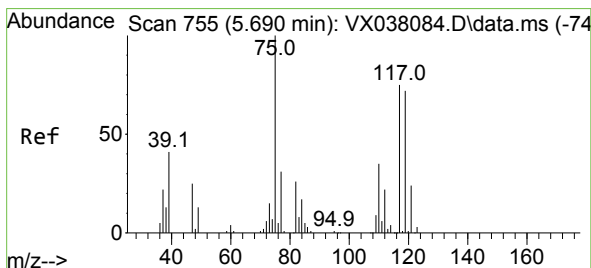
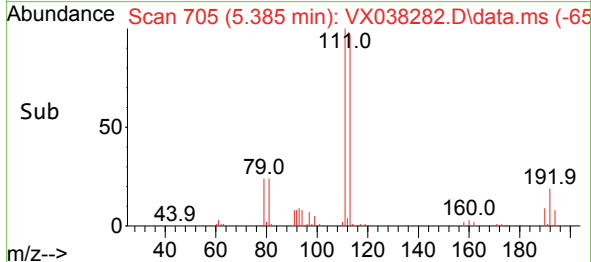
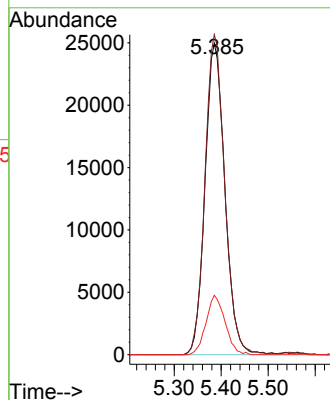
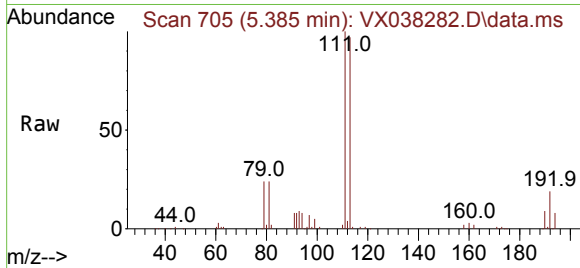




#35
Dibromofluoromethane
Concen: 49.408 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

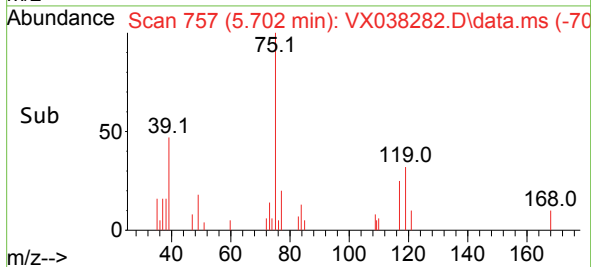
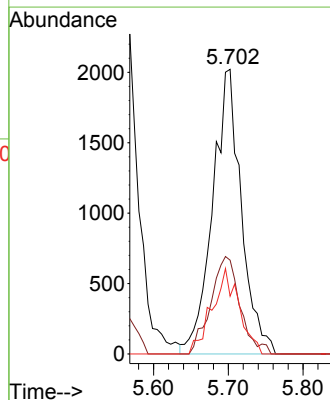
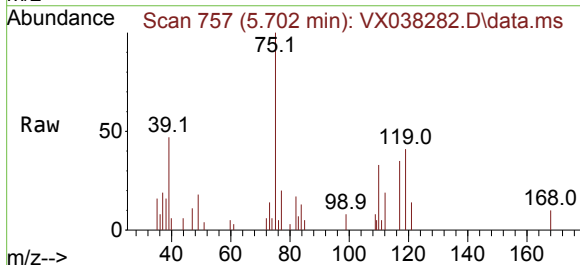
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

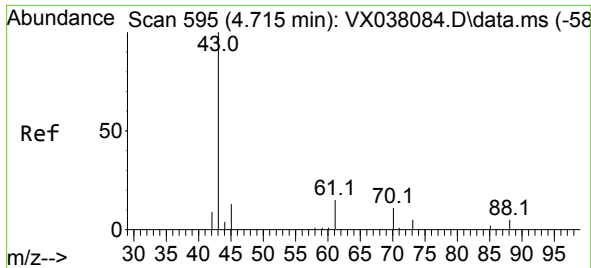
Tgt Ion:113 Resp: 73359
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 18.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 2.639 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.012 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion: 75 Resp: 5404
Ion Ratio Lower Upper
75 100
110 34.9 17.0 50.9
77 28.2 24.7 37.1





#37

Ethyl Acetate

Concen: 2.312 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

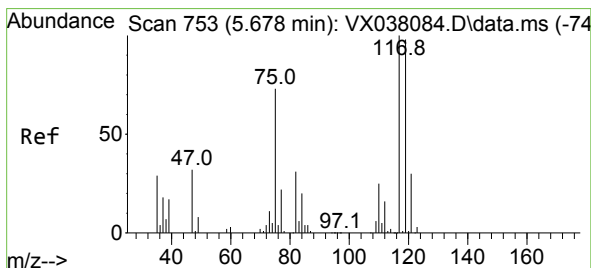
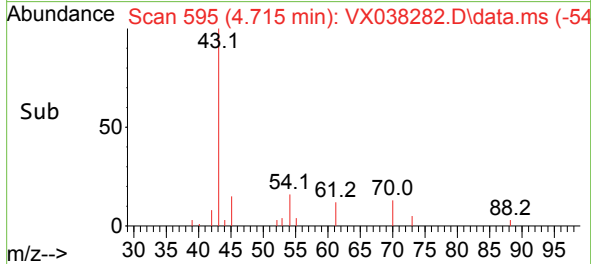
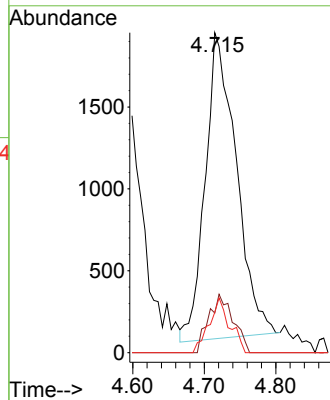
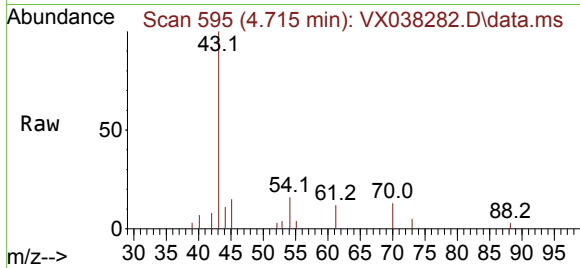
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion:	43	Resp:	5621
Ion	Ratio	Lower	Upper
43	100		
61	15.1	10.6	16.0
70	11.8	8.3	12.5



#38

Carbon Tetrachloride

Concen: 2.494 ug/l

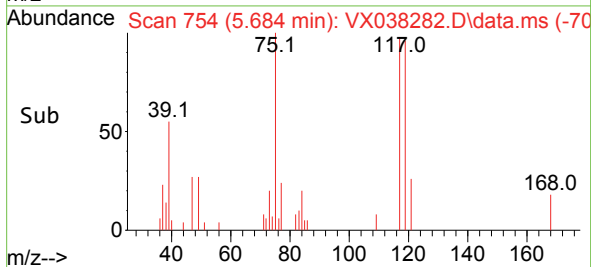
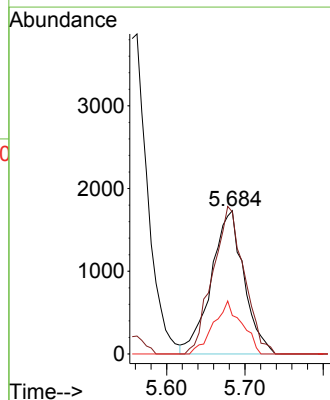
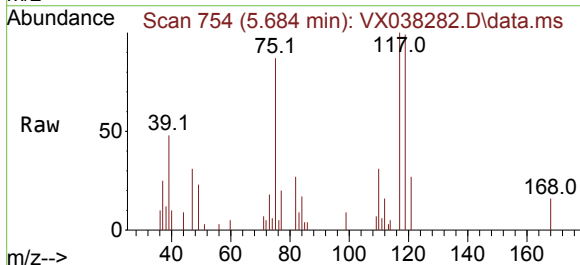
RT: 5.684 min Scan# 754

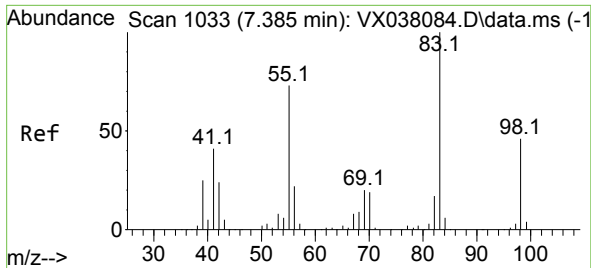
Delta R.T. 0.006 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Tgt Ion:	117	Resp:	5024
Ion	Ratio	Lower	Upper
117	100		
119	99.2	78.2	117.2
121	26.8	24.4	36.6

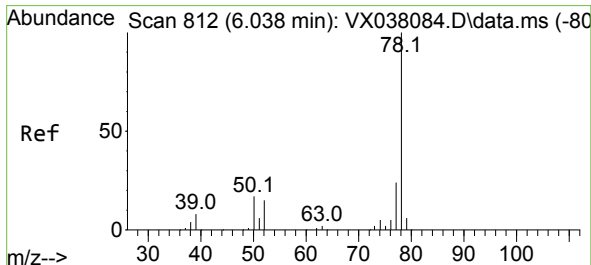
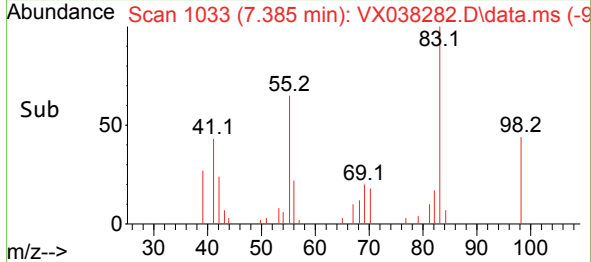
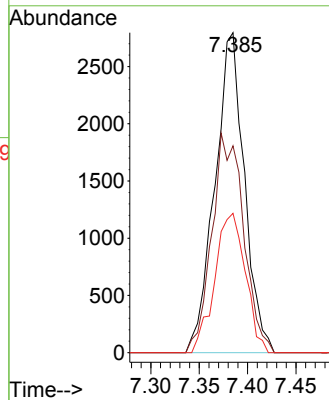
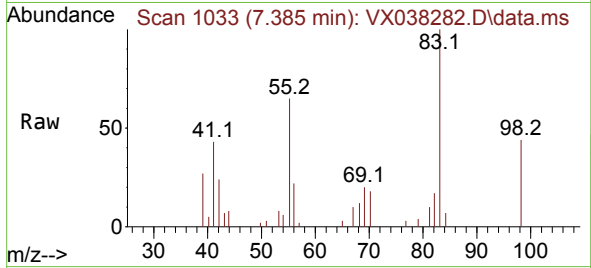




#39
Methylcyclohexane
Concen: 2.471 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

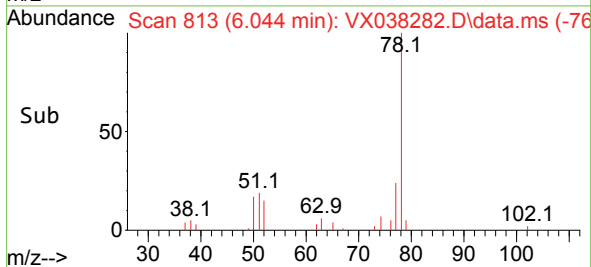
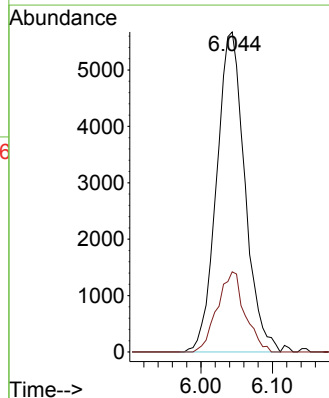
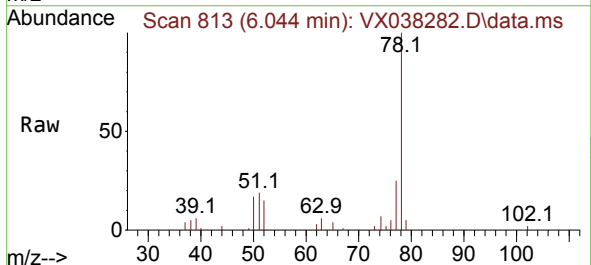
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

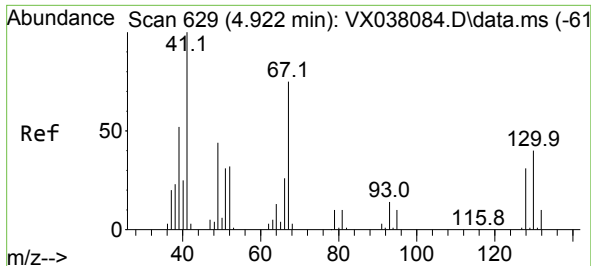
Tgt Ion: 83 Resp: 5926
Ion Ratio Lower Upper
83 100
55 64.6 64.6 97.0#
98 43.6 36.7 55.1



#40
Benzene
Concen: 2.717 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion: 78 Resp: 15560
Ion Ratio Lower Upper
78 100
77 25.0 19.3 28.9

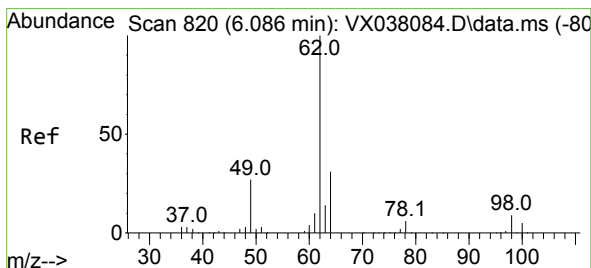
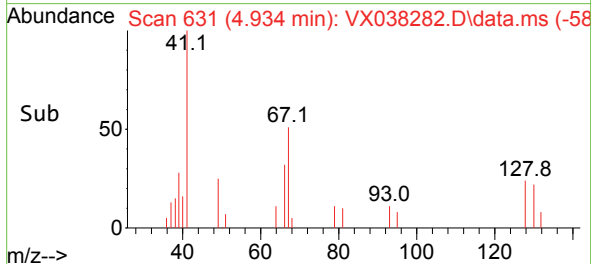
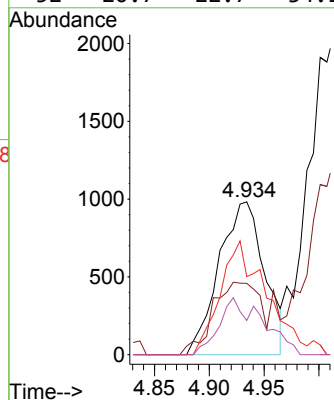
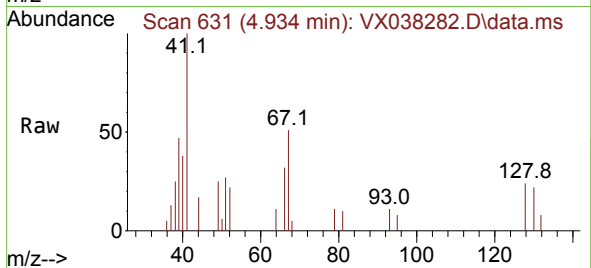




#41
Methacrylonitrile
Concen: 2.341 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

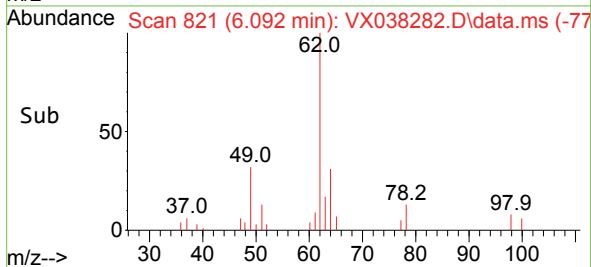
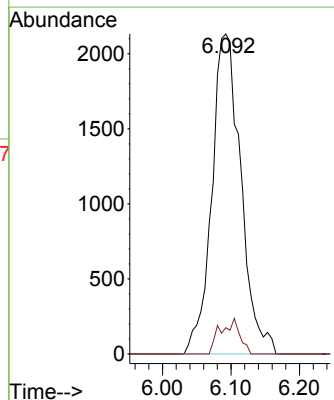
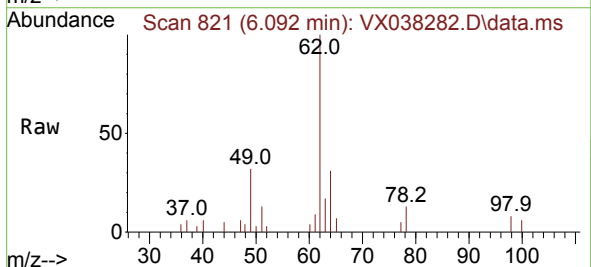
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

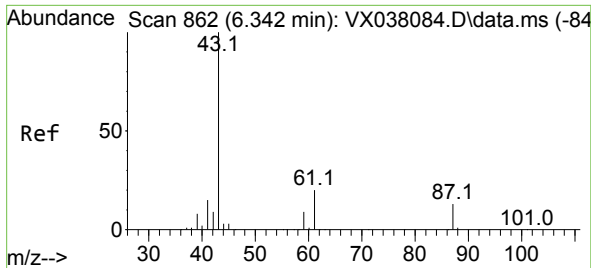
Tgt Ion:	41	Resp:	2832
Ion	Ratio	Lower	Upper
41	100		
39	49.3	45.2	67.8
67	77.3	52.6	78.8
52	20.7	22.7	34.1#



#42
1,2-Dichloroethane
Concen: 2.743 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion:	62	Resp:	6276
Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	16.0

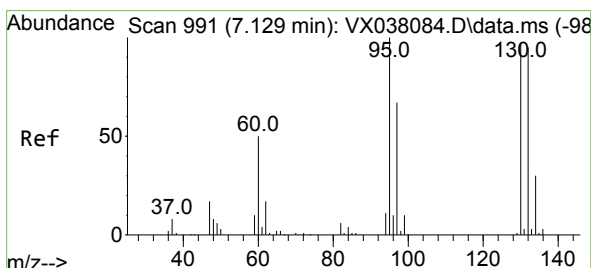
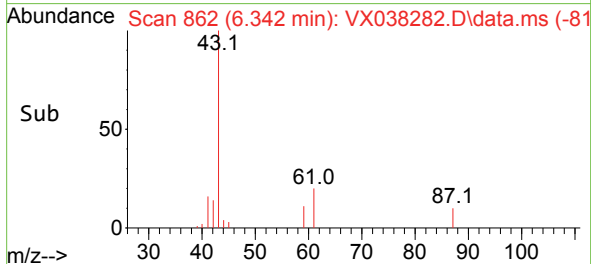
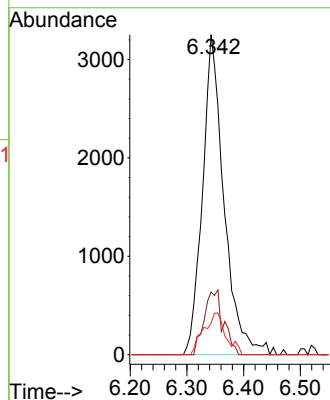
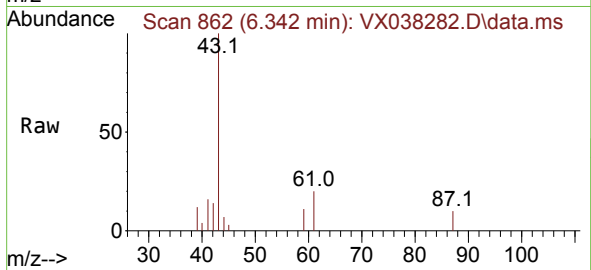




#43
Isopropyl Acetate
Concen: 2.360 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

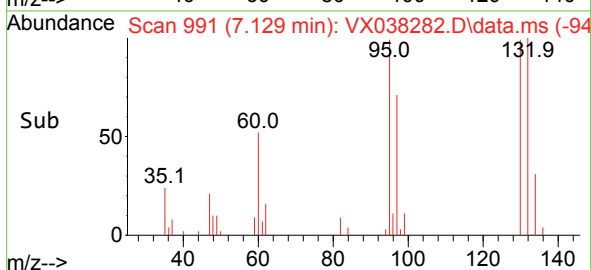
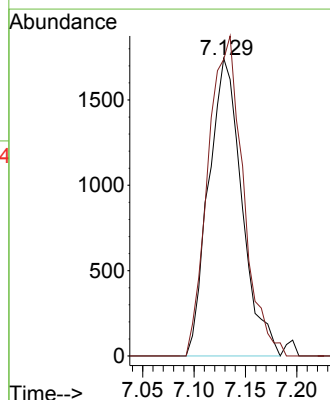
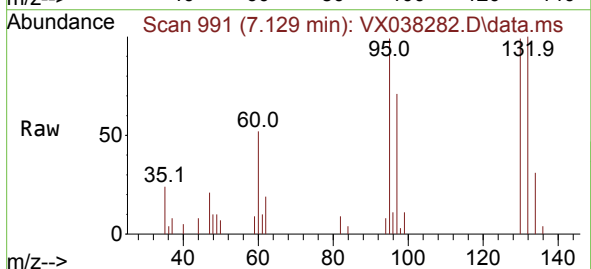
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023

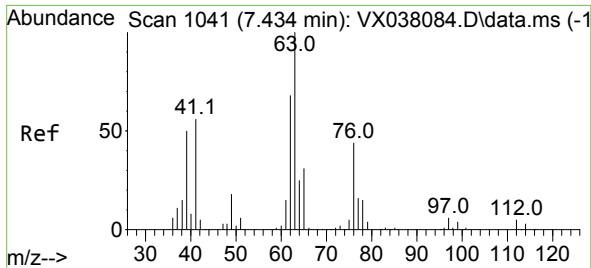
Tgt Ion: 43 Resp: 8568
Ion Ratio Lower Upper
43 100
61 17.9 15.2 22.8
87 13.3 9.8 14.6



#44
Trichloroethene
Concen: 2.624 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion:130 Resp: 3931
Ion Ratio Lower Upper
130 100
95 99.6 0.0 204.4

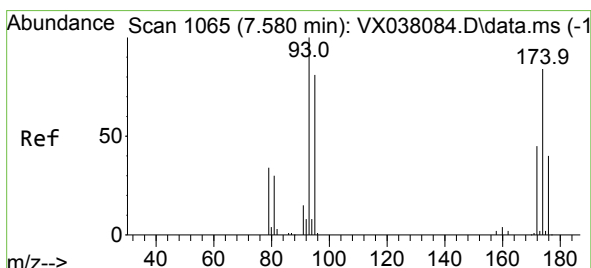
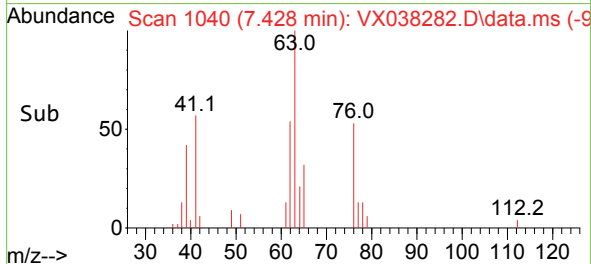
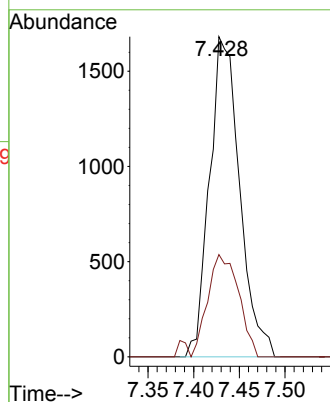
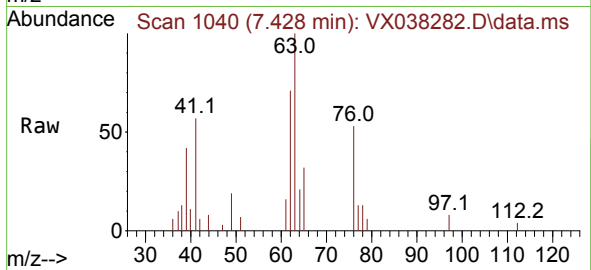




#45
1,2-Dichloropropane
Concen: 2.606 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

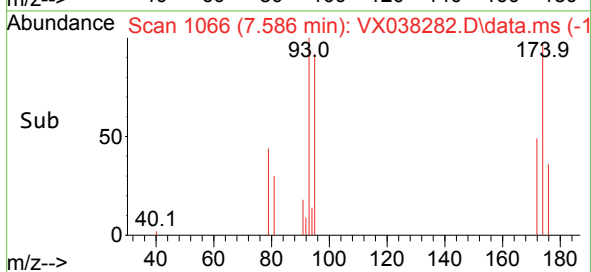
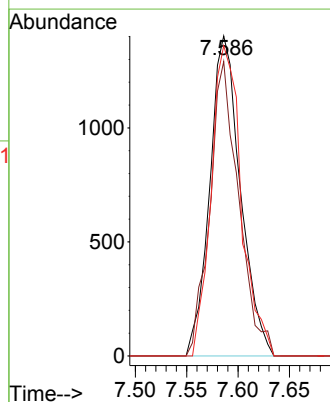
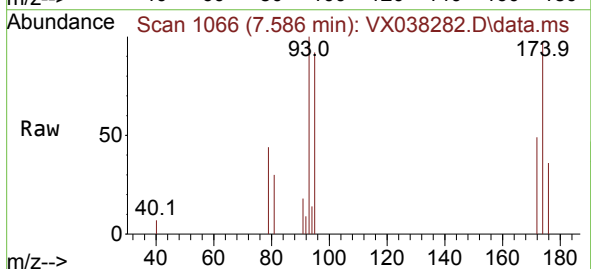
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

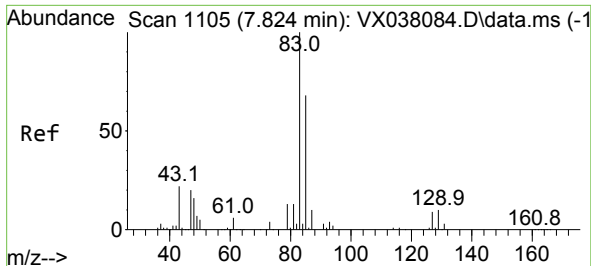
Tgt Ion: 63 Resp: 3862
Ion Ratio Lower Upper
63 100
65 31.9 24.3 36.5



#46
Dibromomethane
Concen: 2.528 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion: 93 Resp: 2906
Ion Ratio Lower Upper
93 100
95 86.8 66.6 100.0
174 95.5 69.4 104.0

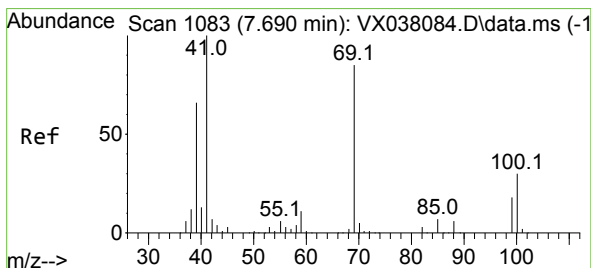
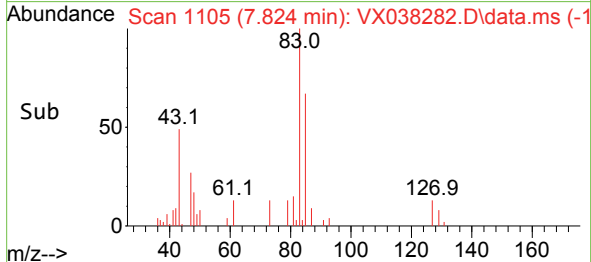
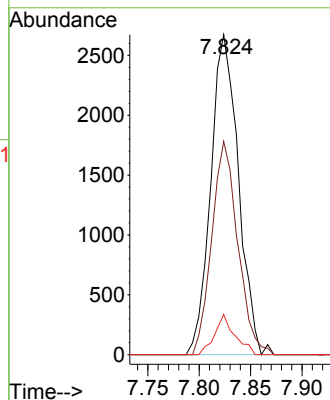
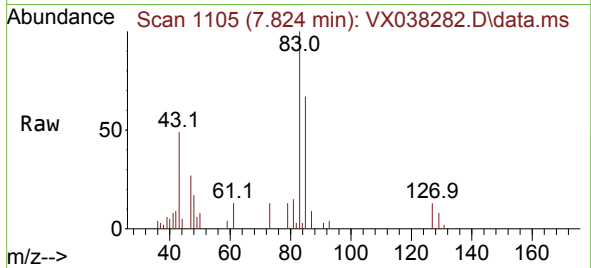




#47
Bromodichloromethane
Concen: 2.444 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

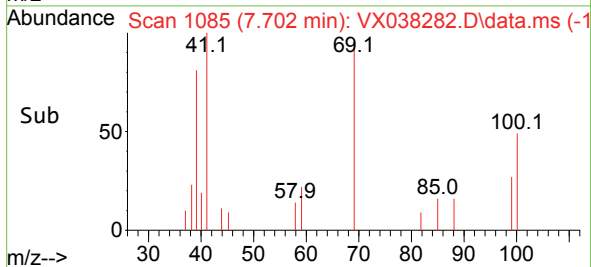
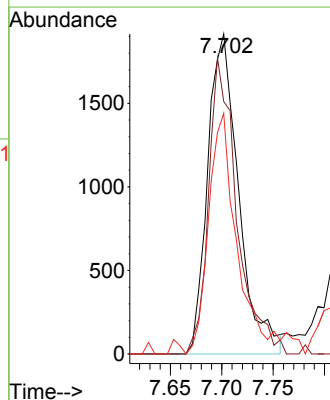
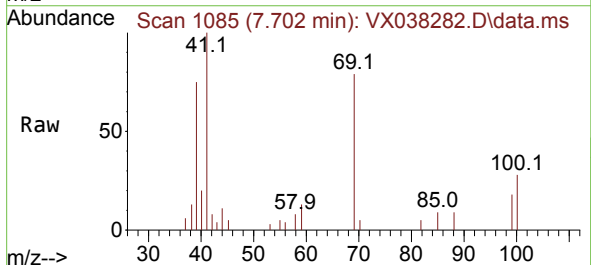
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023

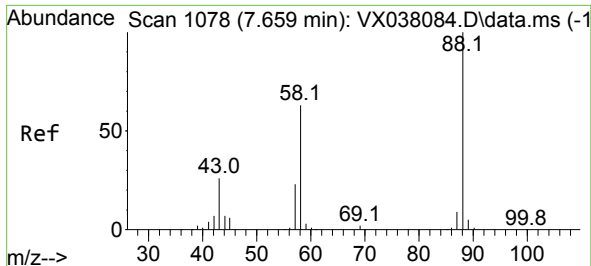
Tgt Ion: 83 Resp: 4997
Ion Ratio Lower Upper
83 100
85 66.6 49.8 74.6
127 12.6 7.1 10.7#



#48
Methyl methacrylate
Concen: 2.316 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.012 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion: 41 Resp: 4014
Ion Ratio Lower Upper
41 100
69 84.6 59.2 88.8
39 66.7 47.7 71.5





#49

1,4-Dioxane

Concen: 51.542 ug/l

RT: 7.659 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

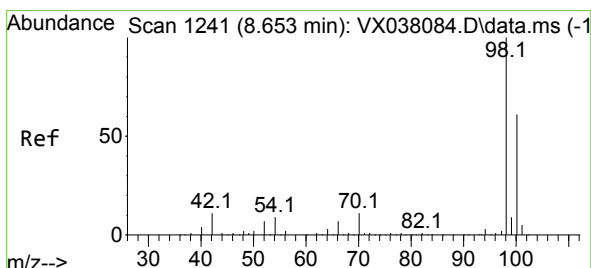
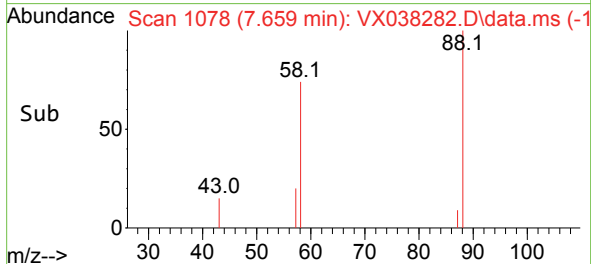
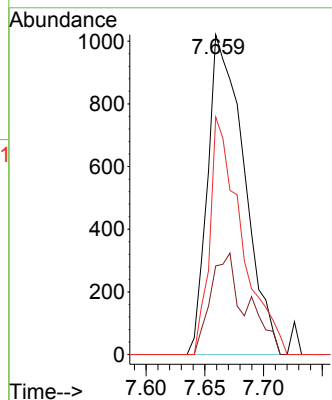
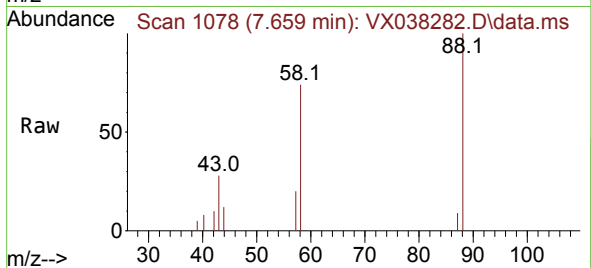
Tgt Ion: 88 Resp: 2201

Ion Ratio Lower Upper

88 100

43 31.1 0.0 0.0#

58 65.0 60.1 90.1



#50

Toluene-d8

Concen: 49.012 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038282.D

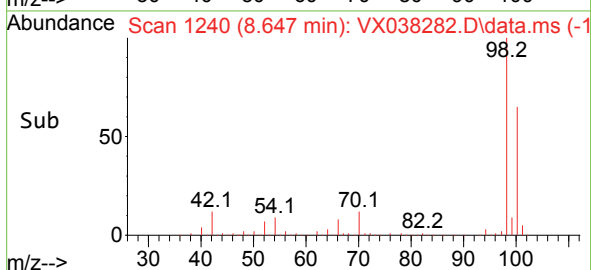
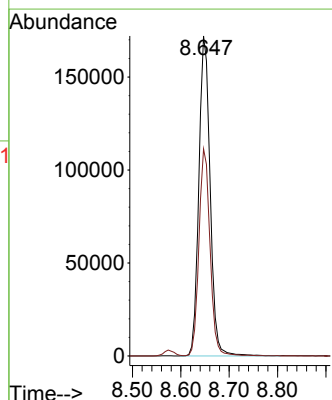
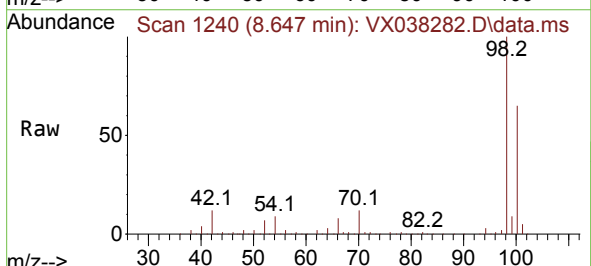
Acq: 13 Oct 2023 13:48

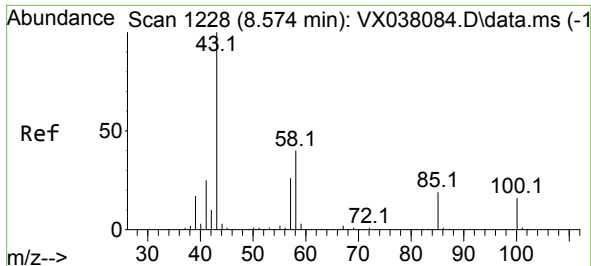
Tgt Ion: 98 Resp: 278076

Ion Ratio Lower Upper

98 100

100 63.7 53.1 79.7

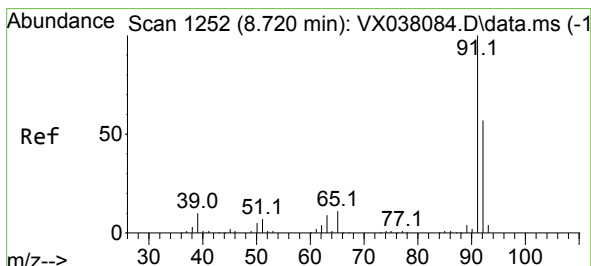
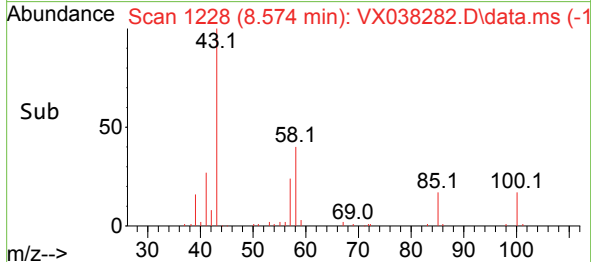
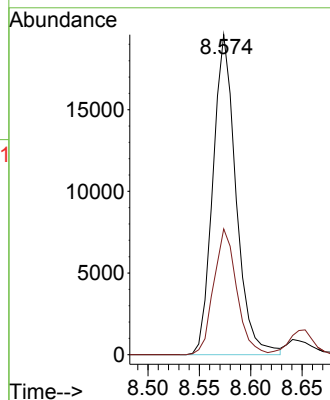
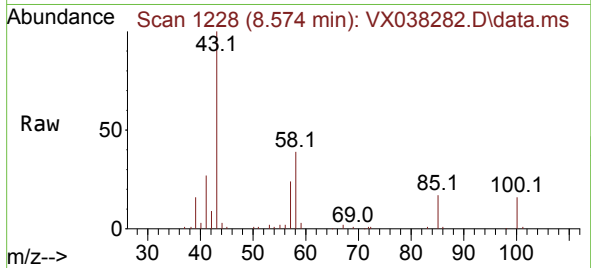




#51
4-Methyl-2-Pentanone
Concen: 12.236 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

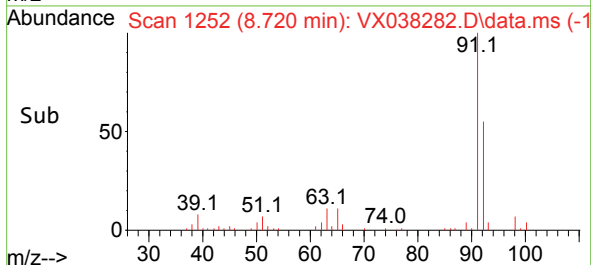
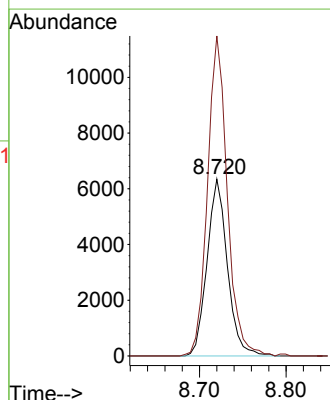
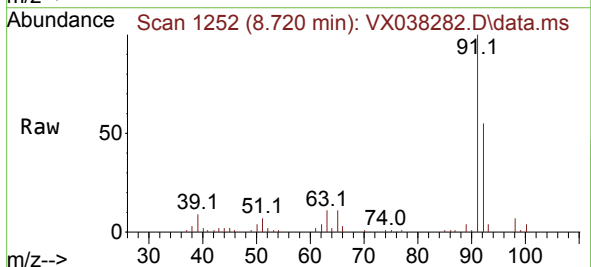
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

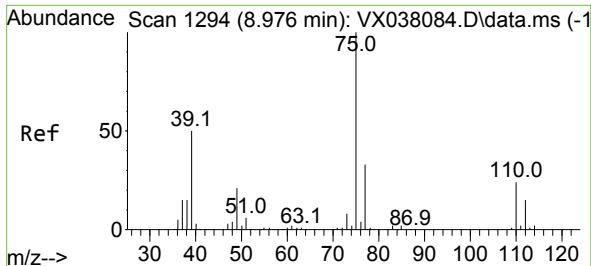
Tgt Ion: 43 Resp: 30638
Ion Ratio Lower Upper
43 100
58 39.2 30.4 45.6



#52
Toluene
Concen: 2.783 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion: 92 Resp: 10380
Ion Ratio Lower Upper
92 100
91 175.2 134.2 201.2

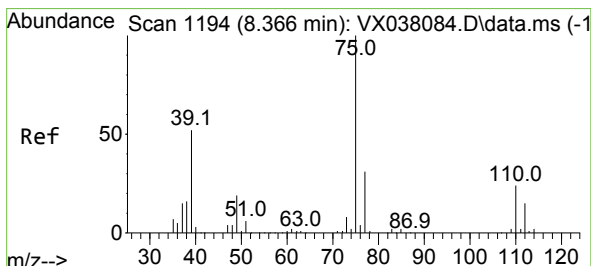
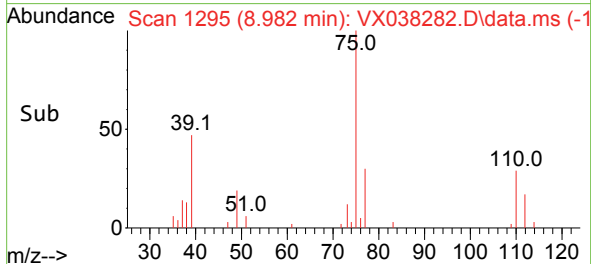
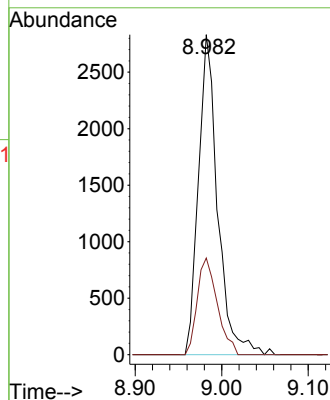
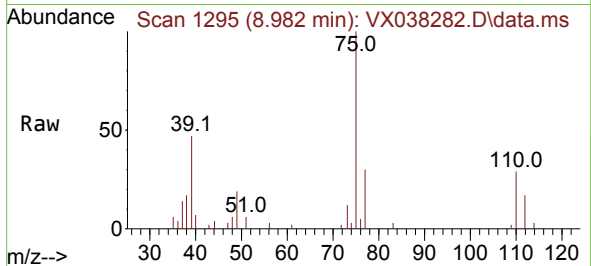




#53
 t-1,3-Dichloropropene
 Concen: 1.985 ug/l
 RT: 8.982 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX038282.D
 Acq: 13 Oct 2023 13:48

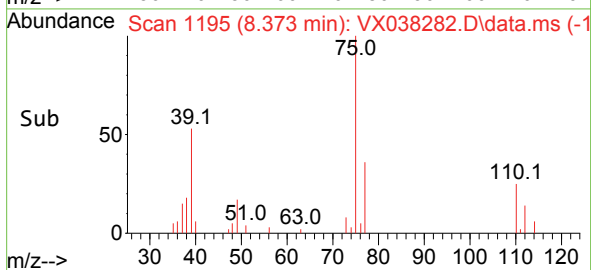
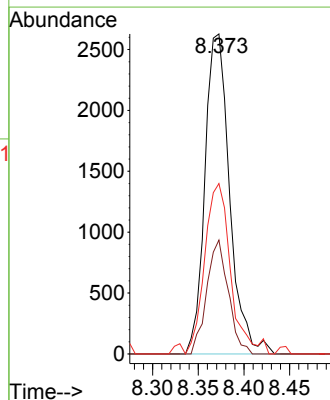
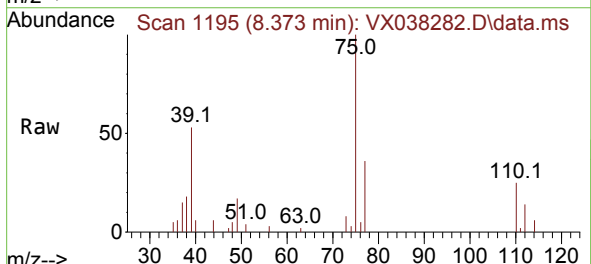
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2023

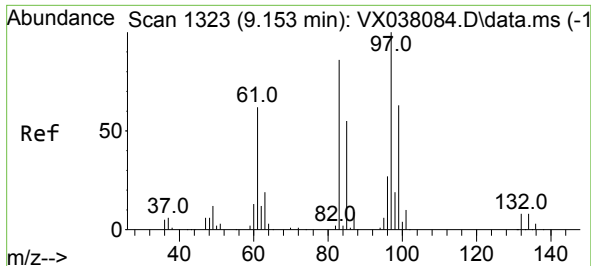
Tgt Ion: 75 Resp: 4357
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 2.146 ug/l
 RT: 8.373 min Scan# 1195
 Delta R.T. 0.007 min
 Lab File: VX038282.D
 Acq: 13 Oct 2023 13:48

Tgt Ion: 75 Resp: 4950
 Ion Ratio Lower Upper
 75 100
 77 35.6 25.3 37.9
 39 51.2 46.7 70.1

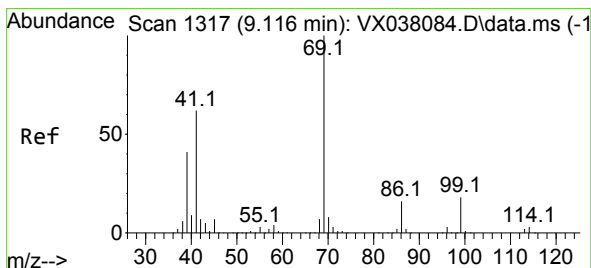
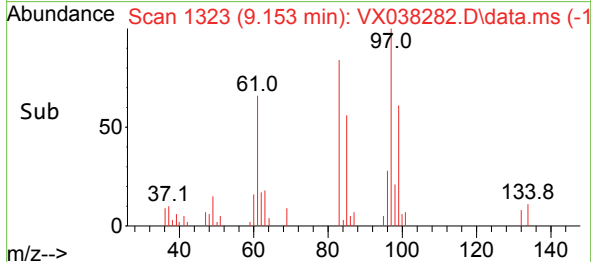
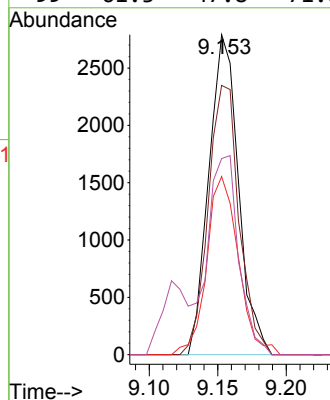
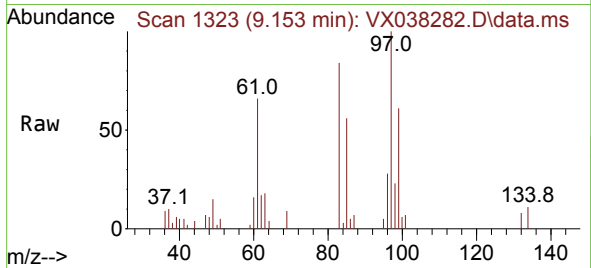




#55
1,1,2-Trichloroethane
Concen: 2.626 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

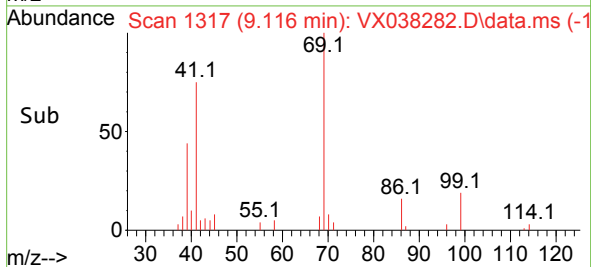
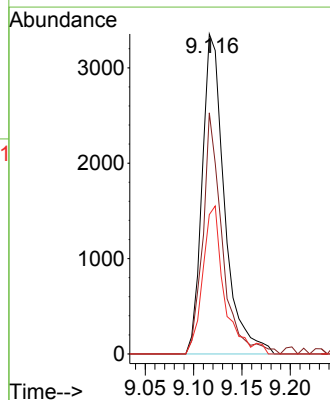
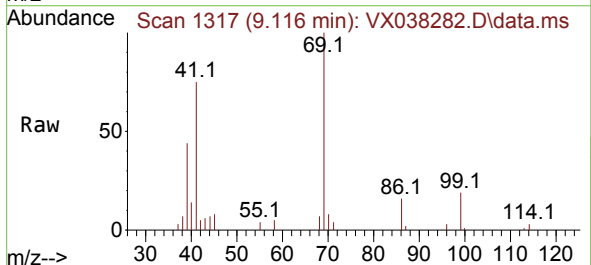
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023

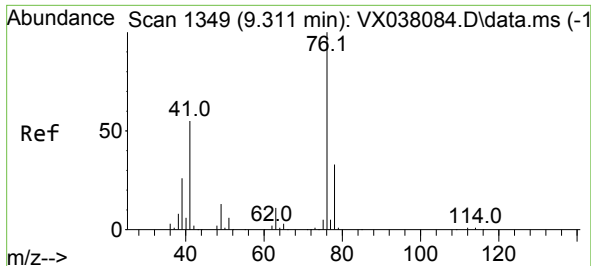
Tgt Ion: 97	Resp: 4190
Ion Ratio	Lower Upper
97 100	
83 84.1	65.8 98.8
85 55.6	41.6 62.4
99 61.3	47.8 71.8



#56
Ethyl methacrylate
Concen: 2.201 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion: 69	Resp: 5385
Ion Ratio	Lower Upper
69 100	
41 65.4	56.8 85.2
39 44.9	32.0 48.0





#57

1,3-Dichloropropane

Concen: 2.662 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

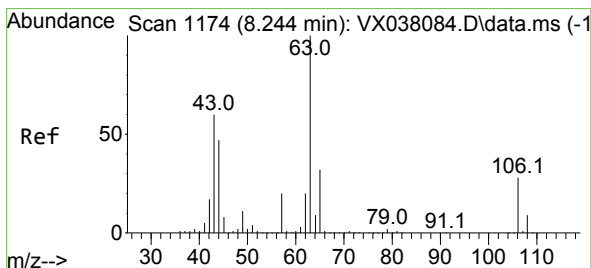
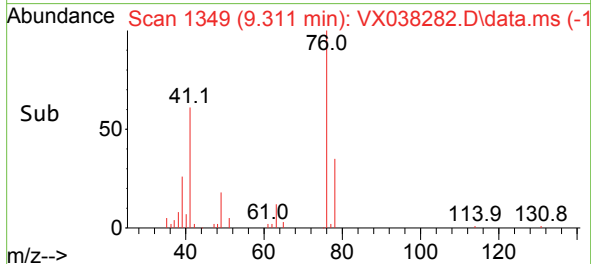
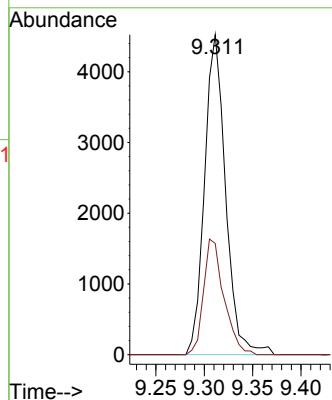
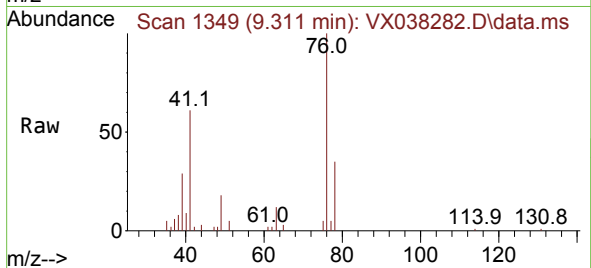
MDL-WATER-03-QT4-2023

Tgt Ion: 76 Resp: 6870

Ion Ratio Lower Upper

76 100

78 35.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 11.650 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX038282.D

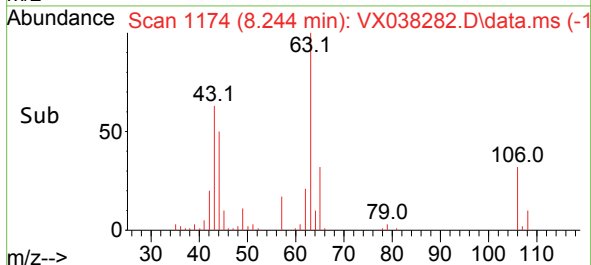
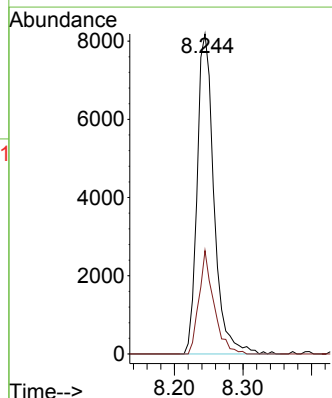
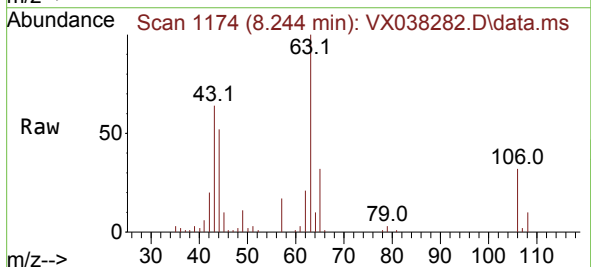
Acq: 13 Oct 2023 13:48

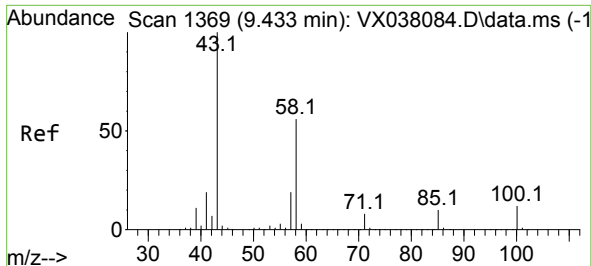
Tgt Ion: 63 Resp: 13990

Ion Ratio Lower Upper

63 100

106 28.6 22.5 33.7





#59

2-Hexanone

Concen: 12.243 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

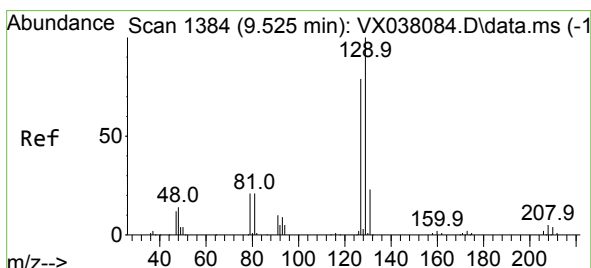
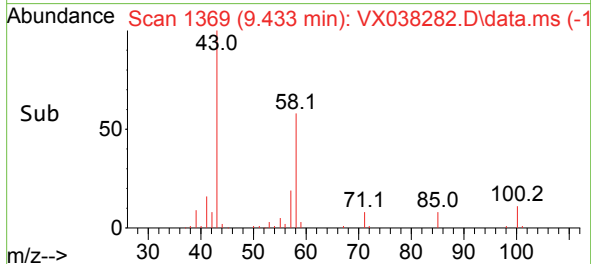
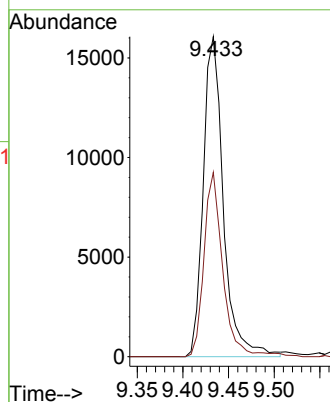
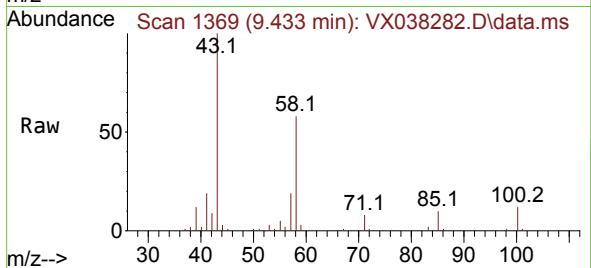
MDL-WATER-03-QT4-2023

Tgt Ion: 43 Resp: 24645

Ion Ratio Lower Upper

43 100

58 54.1 26.2 78.5



#60

Dibromochloromethane

Concen: 2.179 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX038282.D

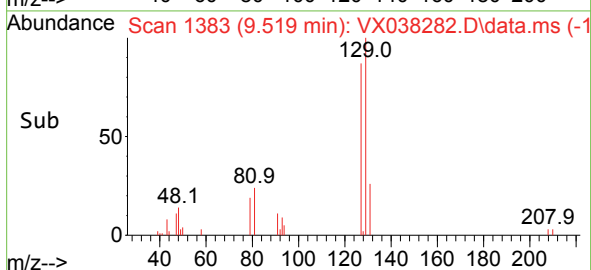
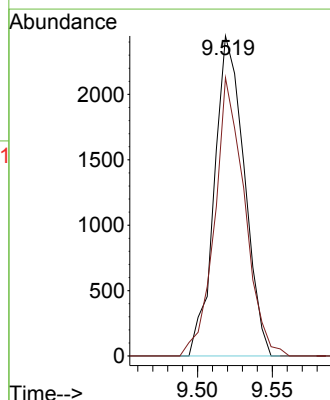
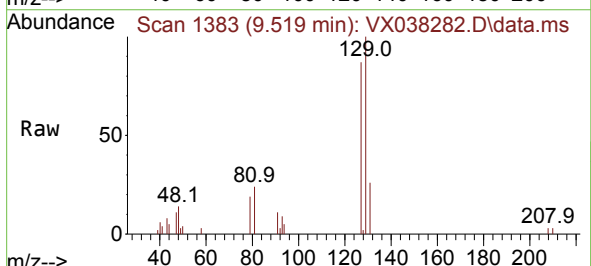
Acq: 13 Oct 2023 13:48

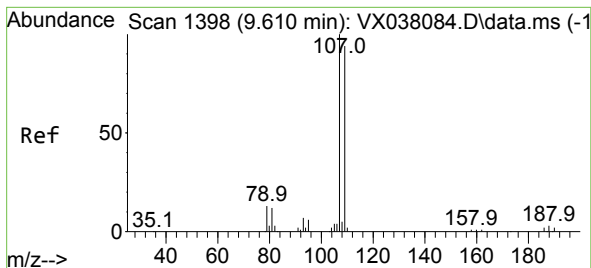
Tgt Ion: 129 Resp: 3403

Ion Ratio Lower Upper

129 100

127 86.8 38.8 116.4





#61

1,2-Dibromoethane

Concen: 2.397 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

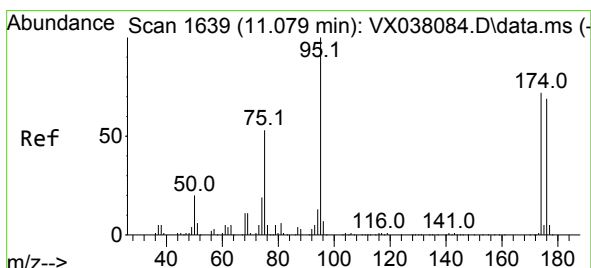
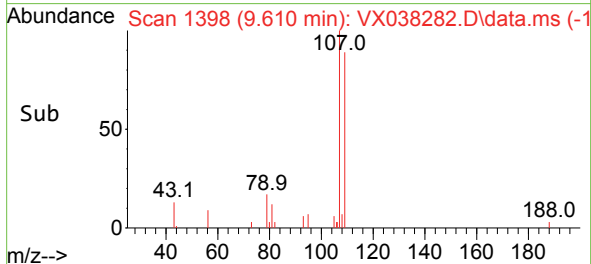
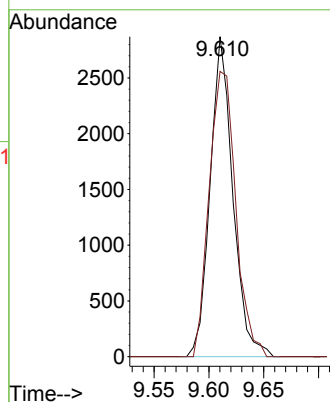
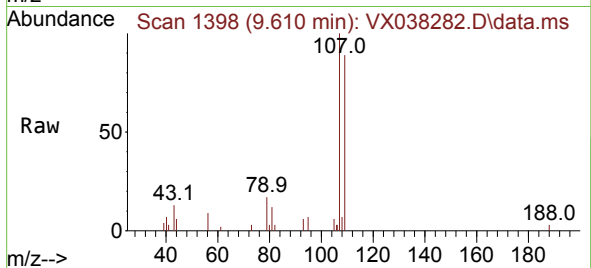
MDL-WATER-03-QT4-2023

Tgt Ion:107 Resp: 4136

Ion Ratio Lower Upper

107 100

109 104.4 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 47.522 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

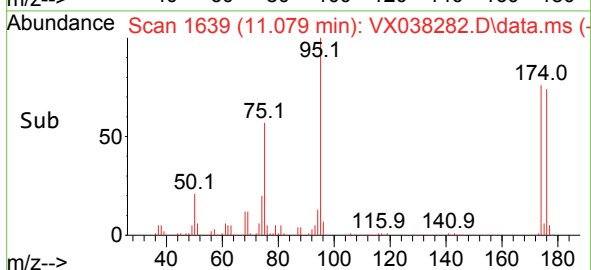
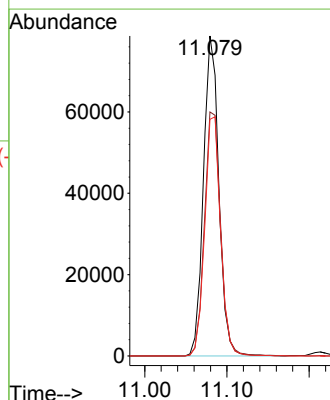
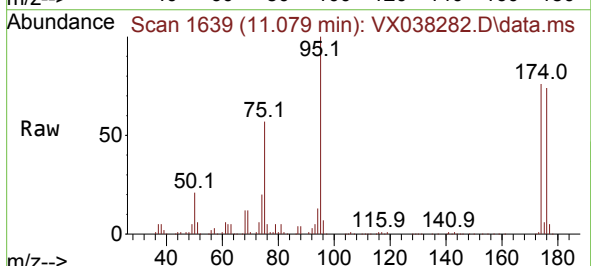
Tgt Ion: 95 Resp: 102218

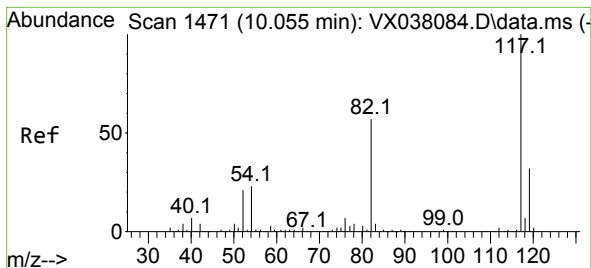
Ion Ratio Lower Upper

95 100

174 80.1 0.0 135.6

176 77.1 0.0 131.0

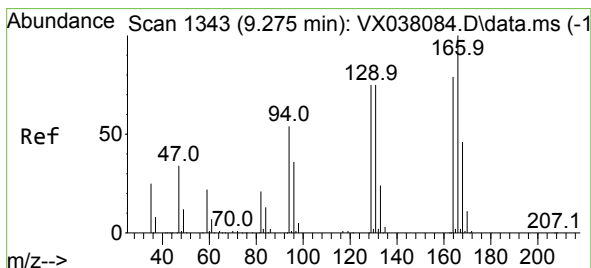
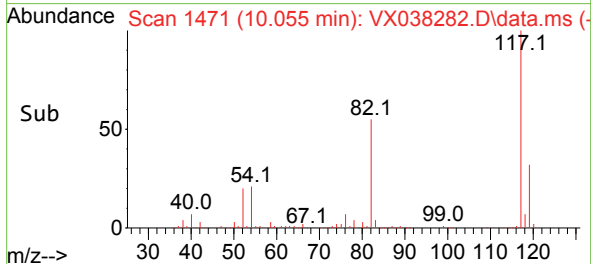
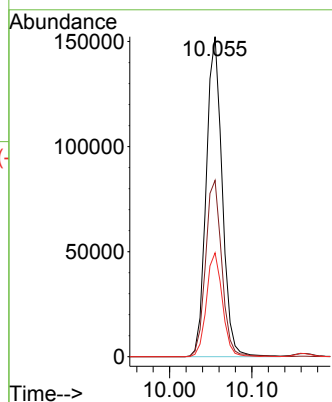
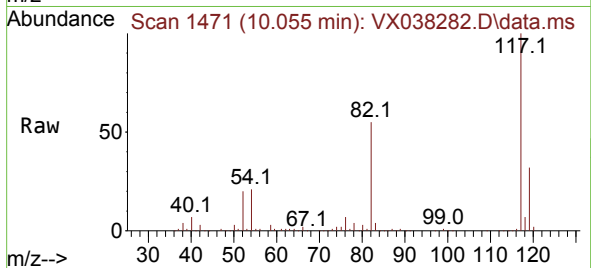




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

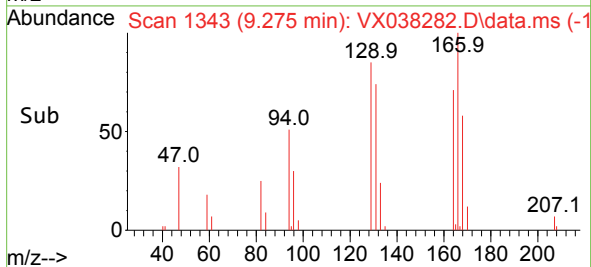
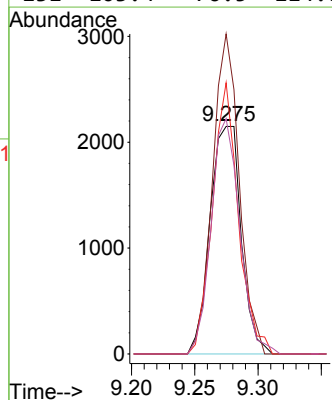
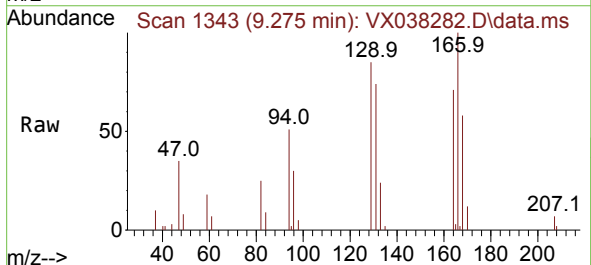
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023

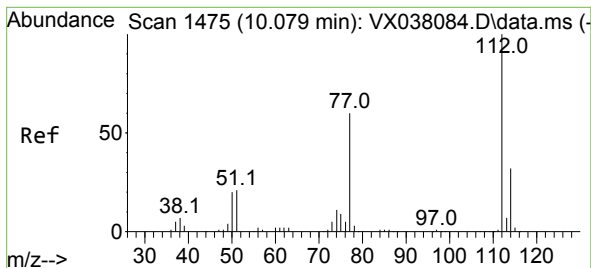
Tgt Ion:117 Resp: 205149
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 2.763 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion:164 Resp: 3670
Ion Ratio Lower Upper
164 100
166 140.6 102.7 154.1
129 119.2 80.4 120.6
131 103.4 76.5 114.7





#65

Chlorobenzene

Concen: 2.632 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.001 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

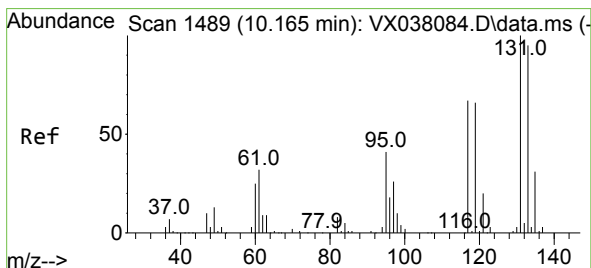
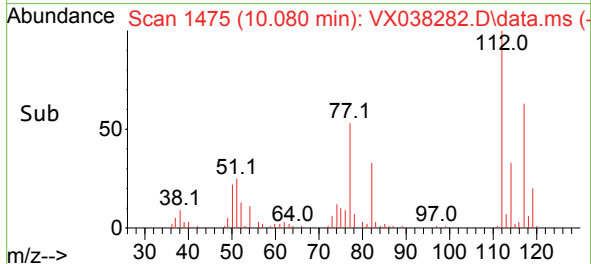
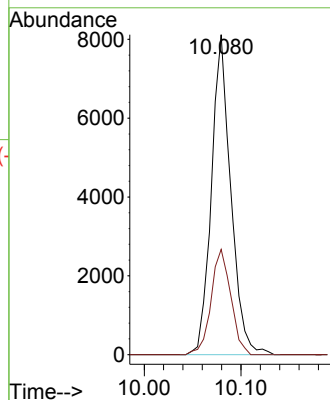
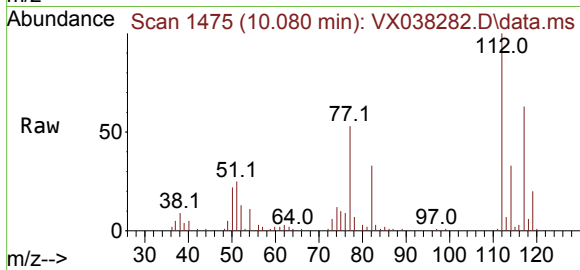
MDL-WATER-03-QT4-2023

Tgt Ion:112 Resp: 11298

Ion Ratio Lower Upper

112 100

114 32.9 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 2.386 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

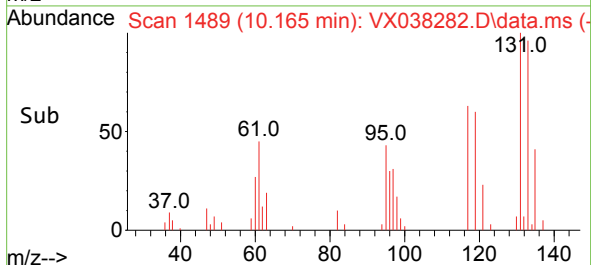
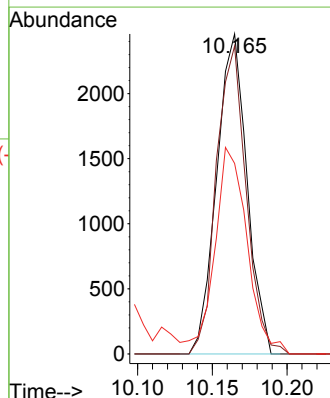
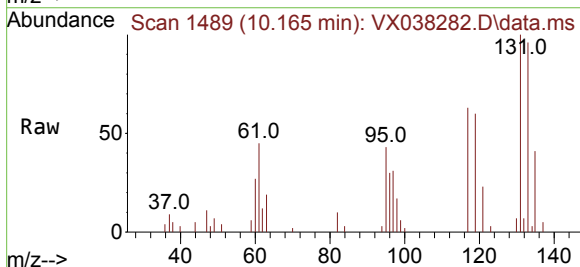
Tgt Ion:131 Resp: 3464

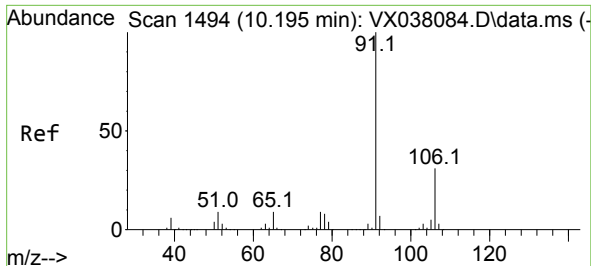
Ion Ratio Lower Upper

131 100

133 94.5 47.1 141.4

119 69.1 32.2 96.6





#67

Ethyl Benzene

Concen: 2.438 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

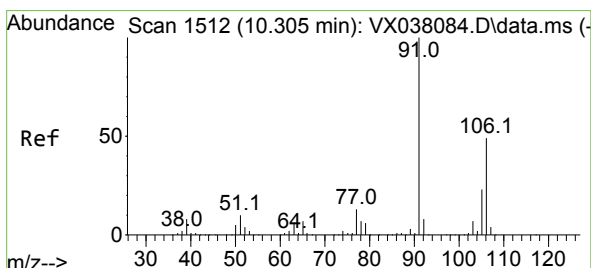
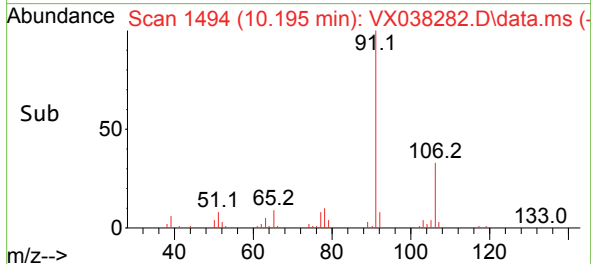
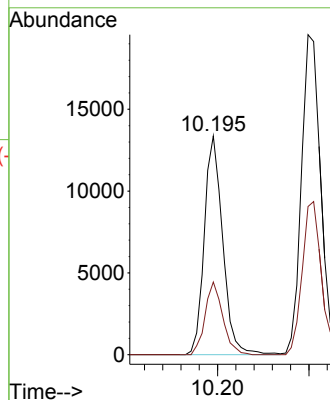
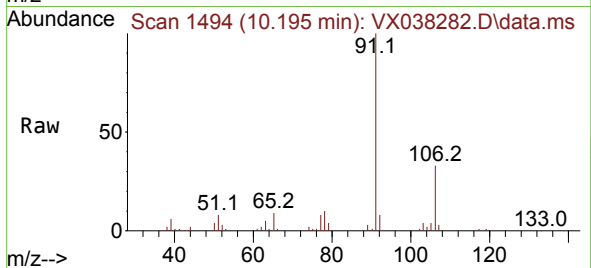
MDL-WATER-03-QT4-2023

Tgt Ion: 91 Resp: 18685

Ion Ratio Lower Upper

91 100

106 33.2 24.9 37.3



#68

m/p-Xylenes

Concen: 4.709 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX038282.D

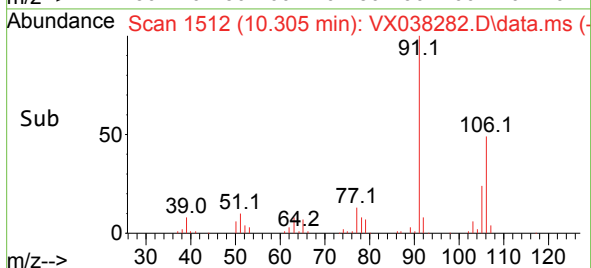
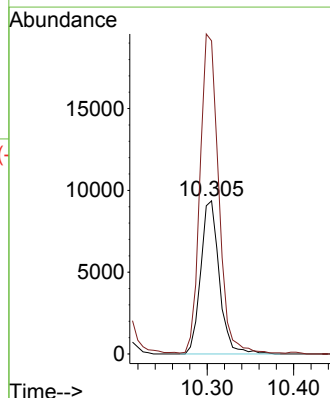
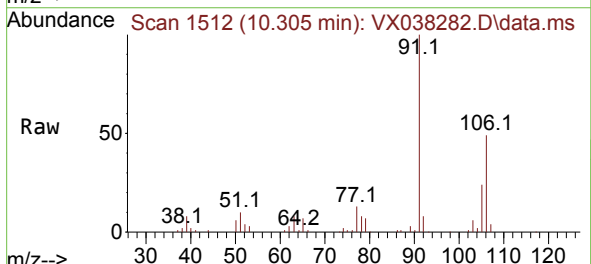
Acq: 13 Oct 2023 13:48

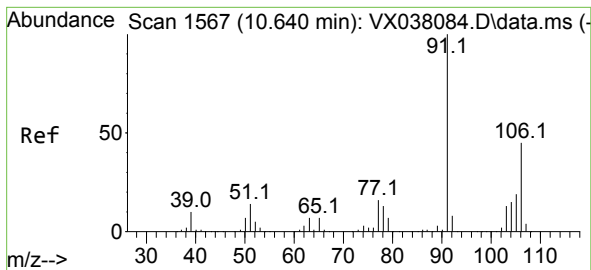
Tgt Ion: 106 Resp: 13952

Ion Ratio Lower Upper

106 100

91 207.6 165.5 248.3





#69

o-Xylene

Concen: 2.388 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

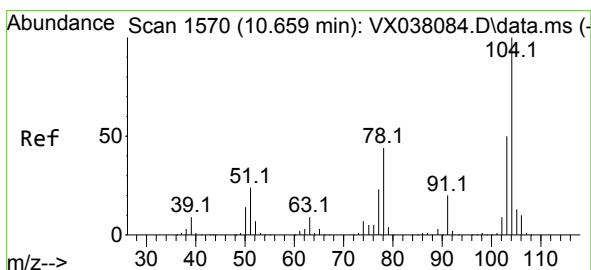
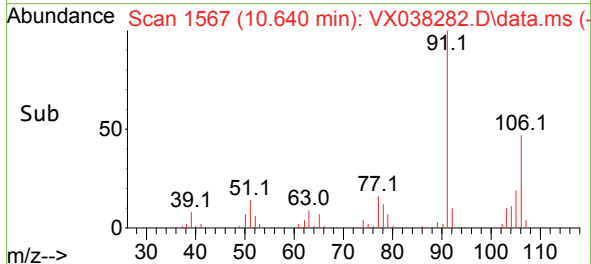
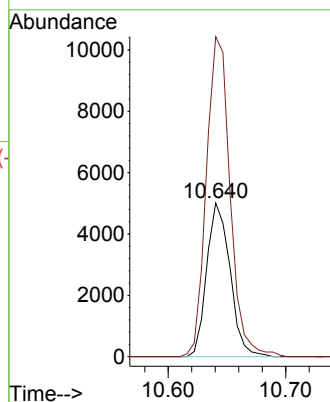
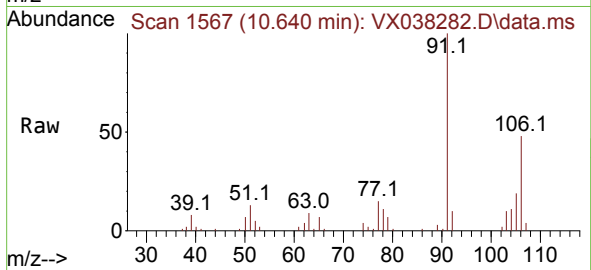
MDL-WATER-03-QT4-2023

Tgt Ion:106 Resp: 6905

Ion Ratio Lower Upper

106 100

91 212.1 108.9 326.8



#70

Styrene

Concen: 2.375 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

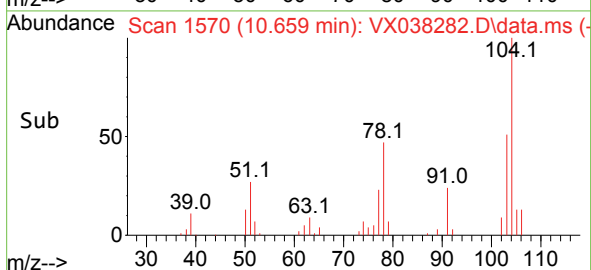
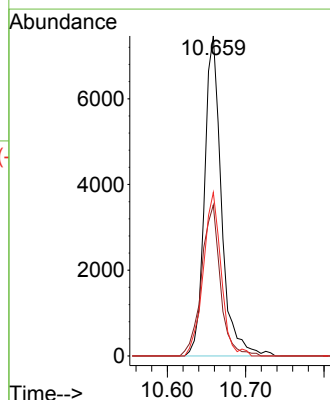
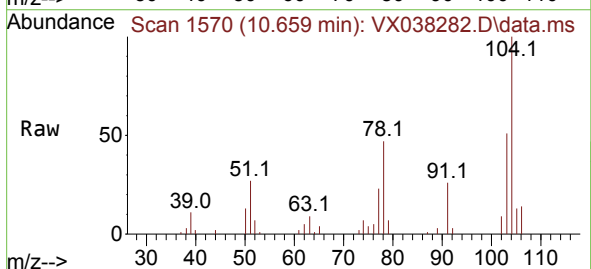
Tgt Ion:104 Resp: 11184

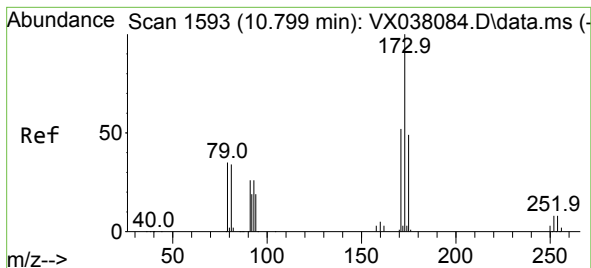
Ion Ratio Lower Upper

104 100

78 52.6 43.6 65.4

103 54.0 43.6 65.4





#71

Bromoform

Concen: 1.977 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

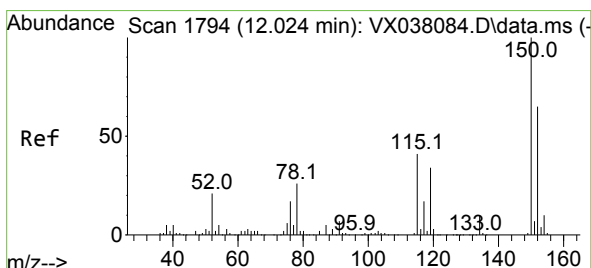
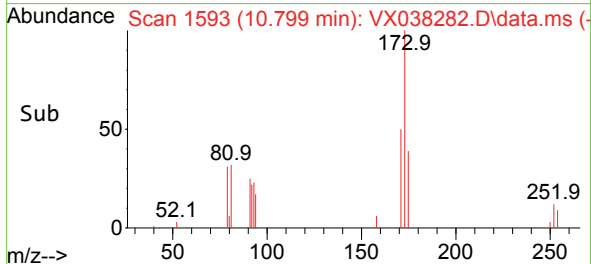
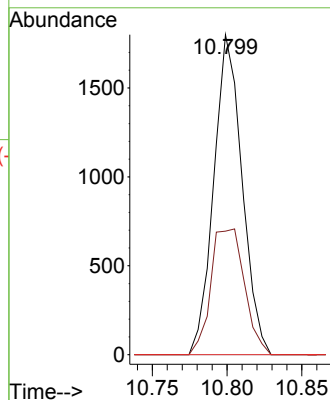
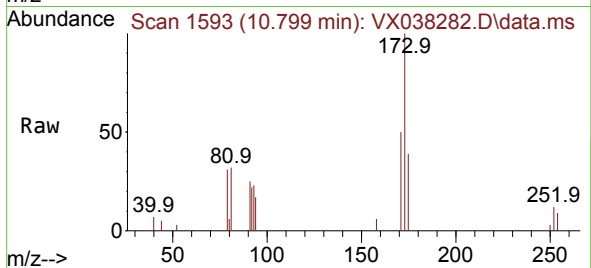
Tgt Ion:173 Resp: 2365

Ion Ratio Lower Upper

173 100

175 46.8 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: VX038282.D

Acq: 13 Oct 2023 13:48

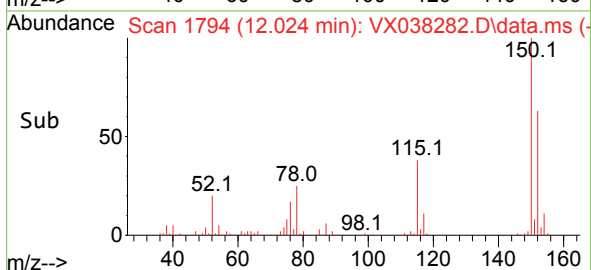
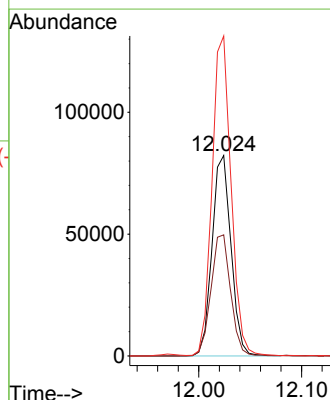
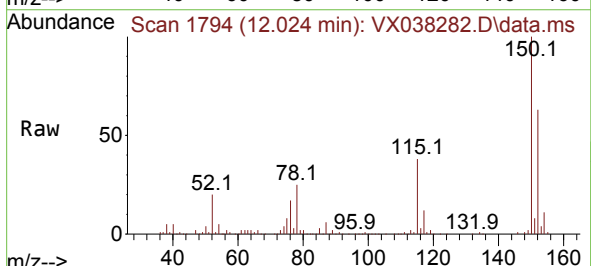
Tgt Ion:152 Resp: 105363

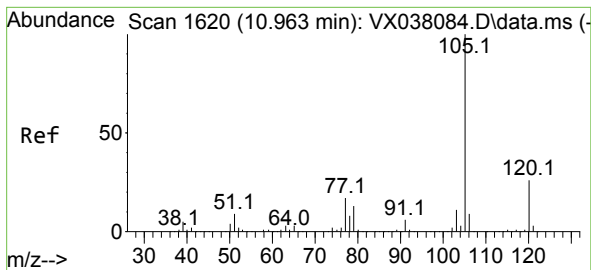
Ion Ratio Lower Upper

152 100

115 62.8 43.3 129.9

150 159.8 0.0 345.0





#73

Isopropylbenzene

Concen: 2.479 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

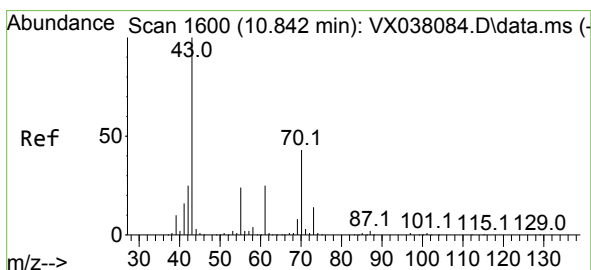
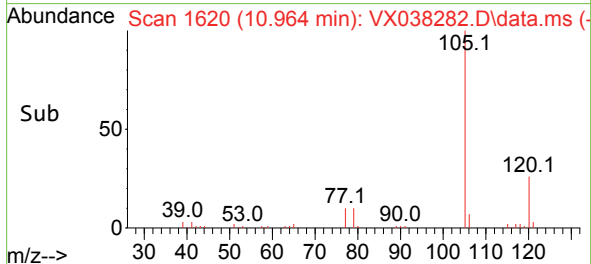
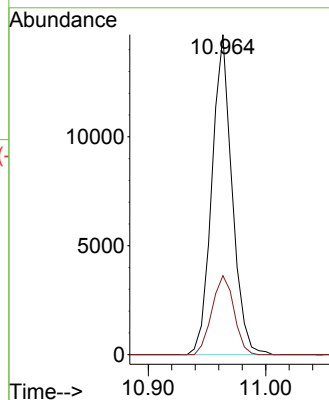
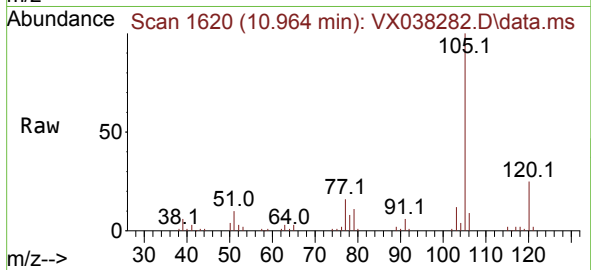
MDL-WATER-03-QT4-2023

Tgt Ion:105 Resp: 17515

Ion Ratio Lower Upper

105 100

120 26.9 12.9 38.6



#74

N-ethyl acetate

Concen: 1.868 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Tgt Ion: 43 Resp: 5637

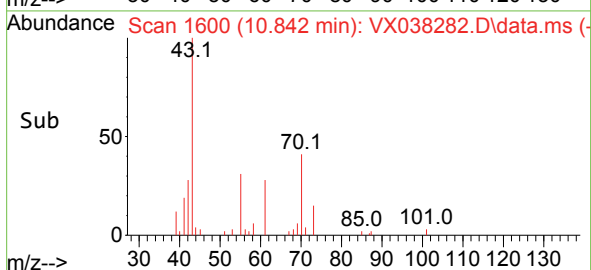
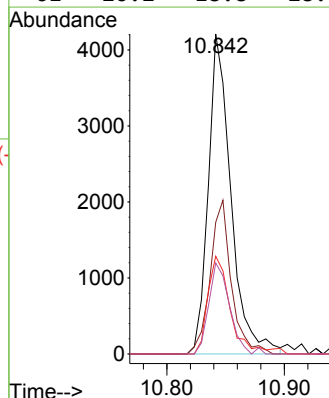
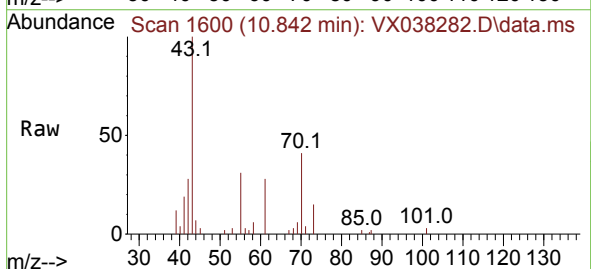
Ion Ratio Lower Upper

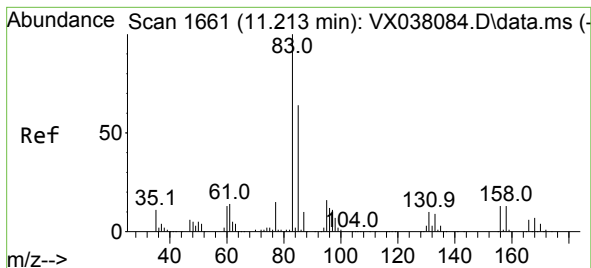
43 100

70 44.8 32.9 49.3

55 30.7 19.3 28.9#

61 26.2 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 2.837 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

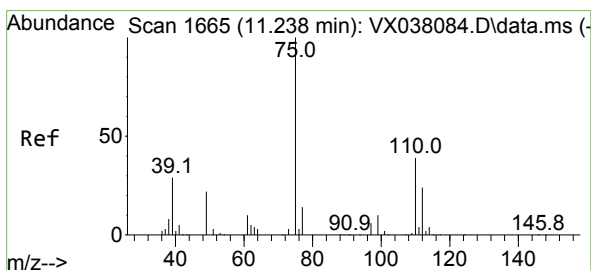
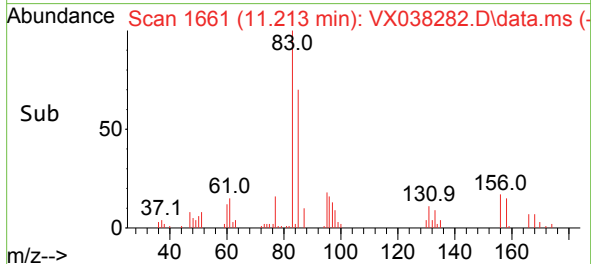
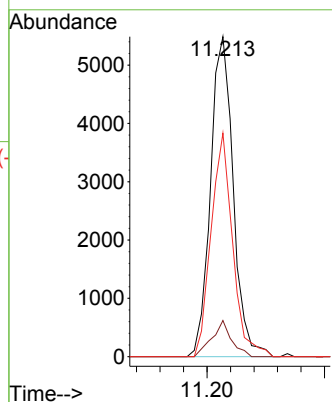
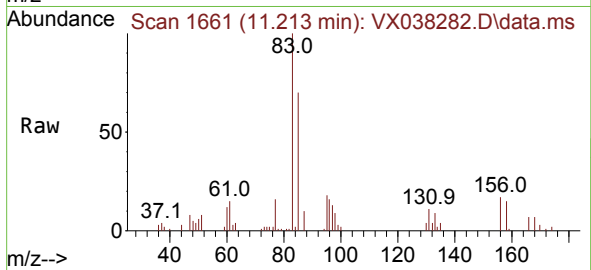
Tgt Ion: 83 Resp: 7357

Ion Ratio Lower Upper

83 100

131 9.8 5.3 15.8

85 66.3 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 2.823 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX038282.D

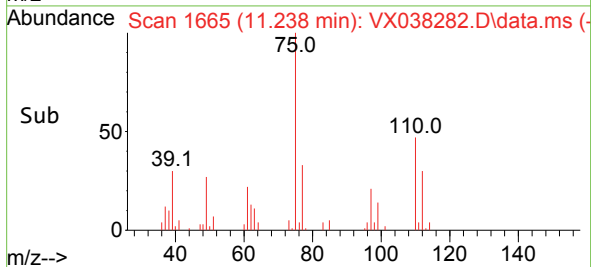
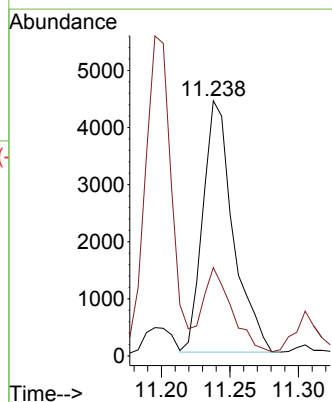
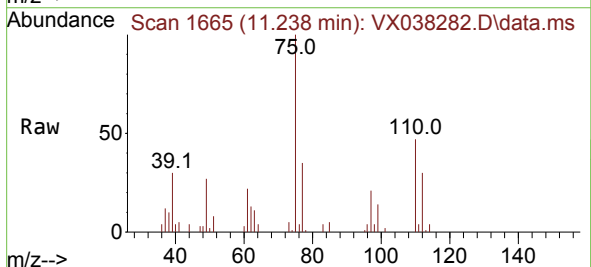
Acq: 13 Oct 2023 13:48

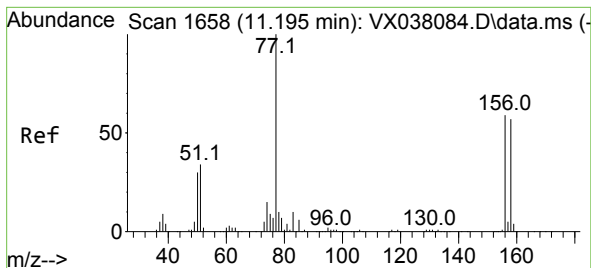
Tgt Ion: 75 Resp: 6762

Ion Ratio Lower Upper

75 100

77 36.0 19.1 57.5





#77

Bromobenzene

Concen: 2.715 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

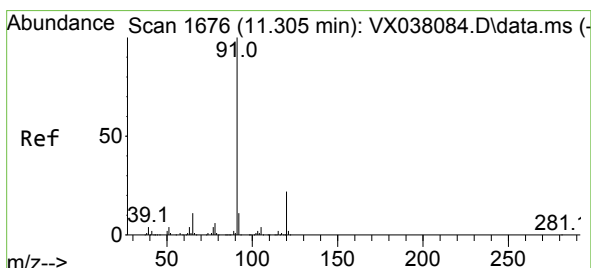
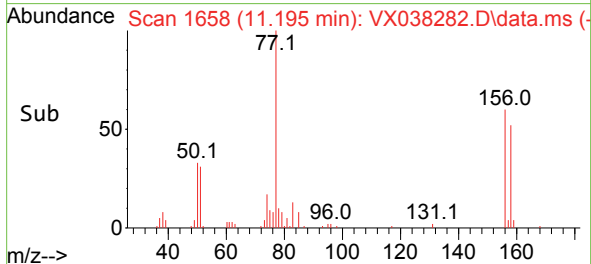
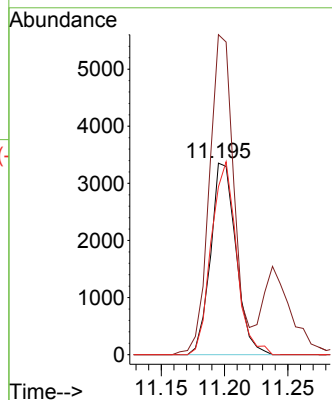
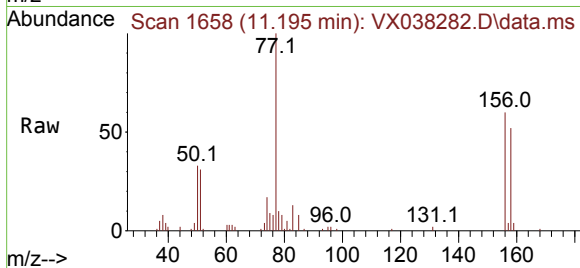
Tgt Ion:156 Resp: 4684

Ion Ratio Lower Upper

156 100

77 160.5 88.4 265.3

158 99.8 48.0 144.0



#78

n-propylbenzene

Concen: 2.574 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX038282.D

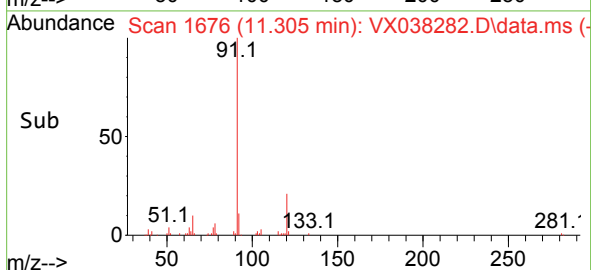
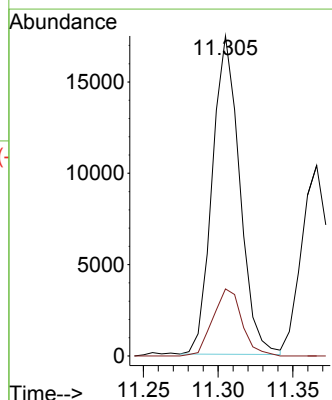
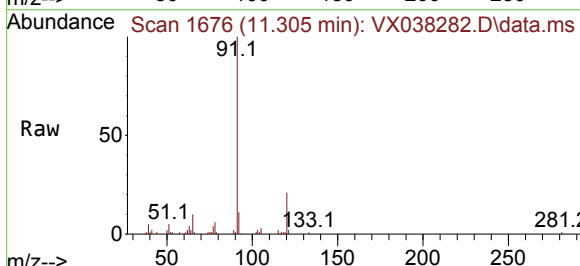
Acq: 13 Oct 2023 13:48

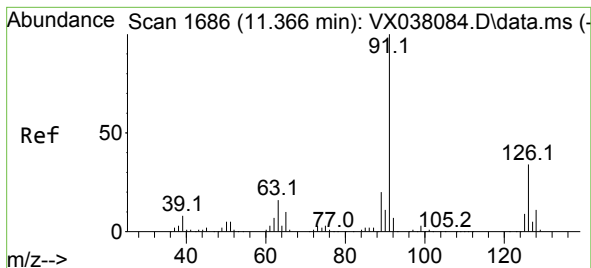
Tgt Ion: 91 Resp: 22240

Ion Ratio Lower Upper

91 100

120 22.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 2.626 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

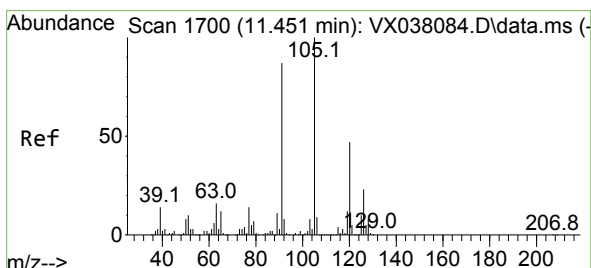
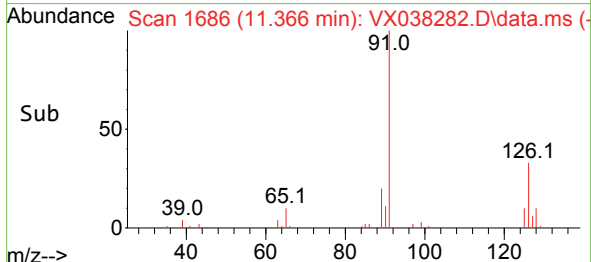
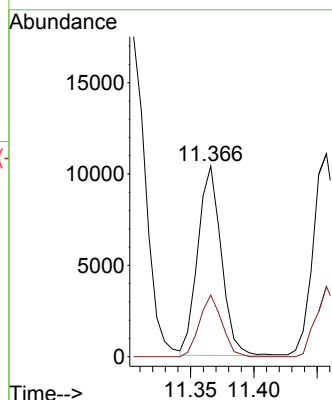
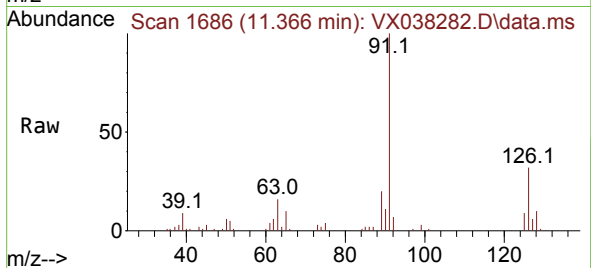
MDL-WATER-03-QT4-2023

Tgt Ion: 91 Resp: 13455

Ion Ratio Lower Upper

91 100

126 30.9 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 2.471 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038282.D

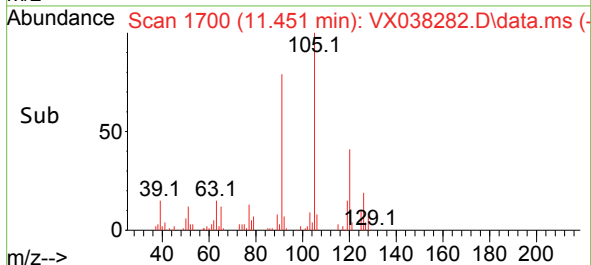
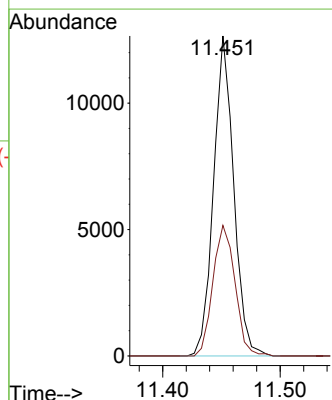
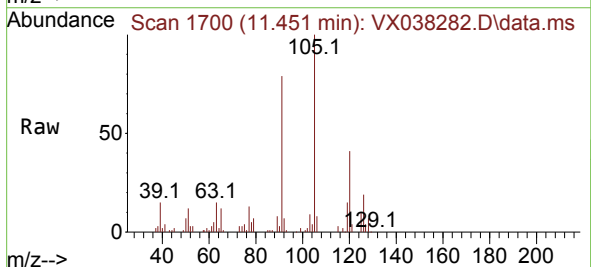
Acq: 13 Oct 2023 13:48

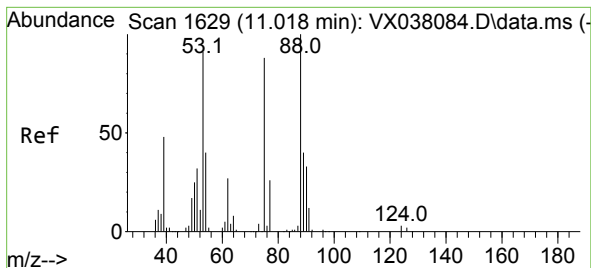
Tgt Ion: 105 Resp: 15062

Ion Ratio Lower Upper

105 100

120 44.8 24.1 72.3

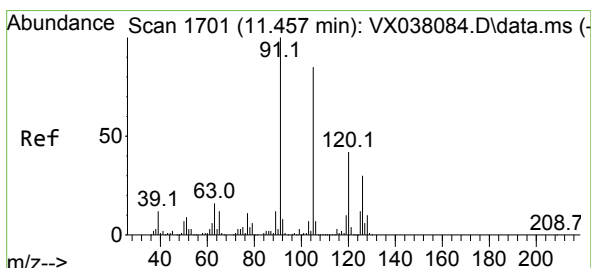
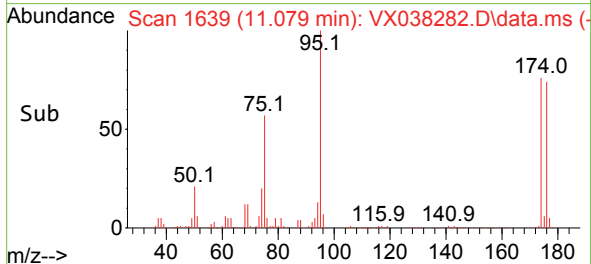
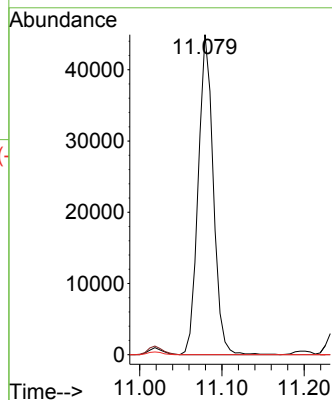
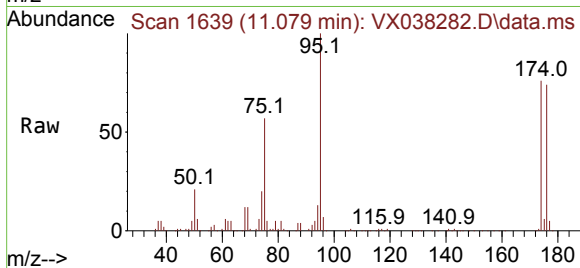




#81
trans-1,4-Dichloro-2-butene
Concen: 76.197 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

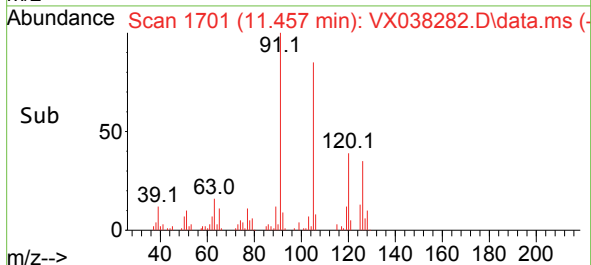
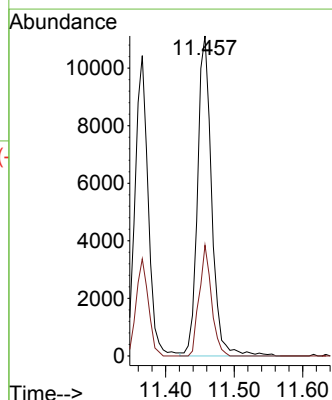
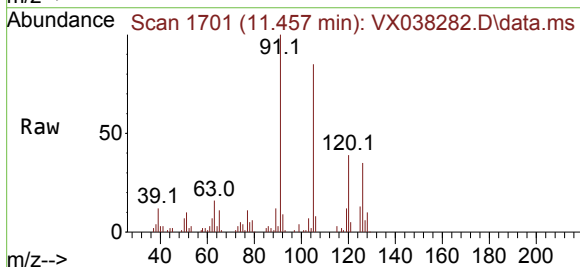
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

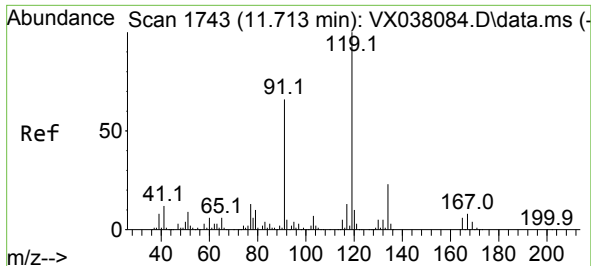
Tgt Ion: 75 Resp: 57166
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 2.633 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion: 91 Resp: 15963
Ion Ratio Lower Upper
91 100
126 30.0 14.2 42.6

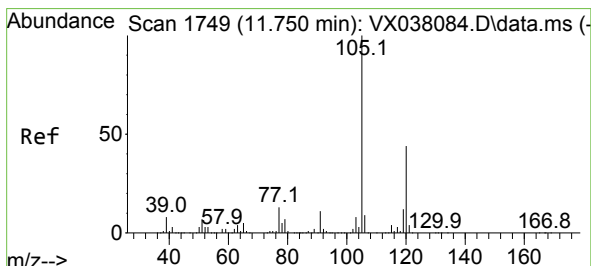
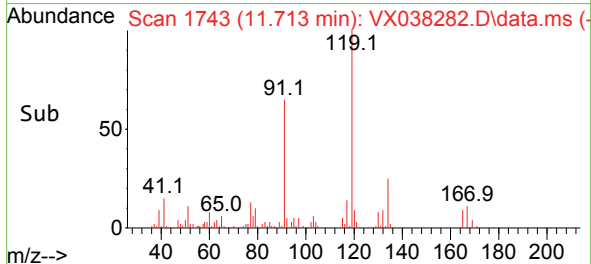
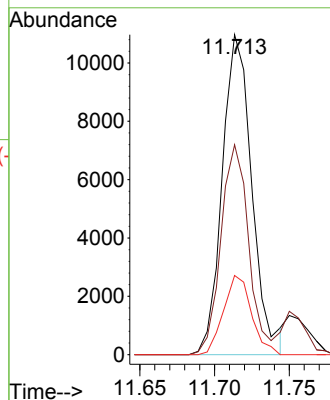
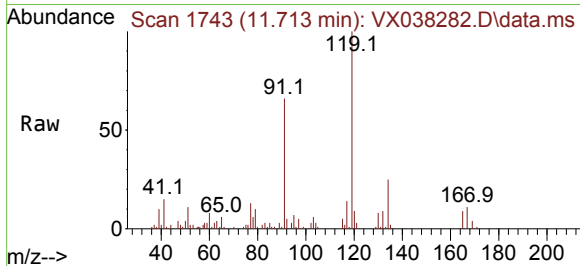




#83
tert-Butylbenzene
Concen: 2.540 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

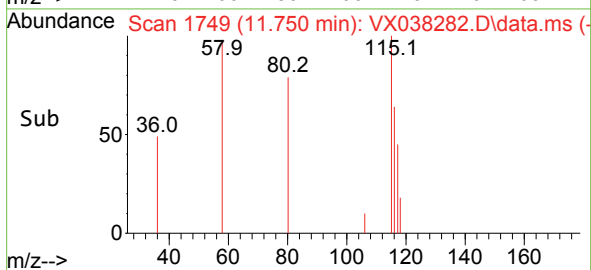
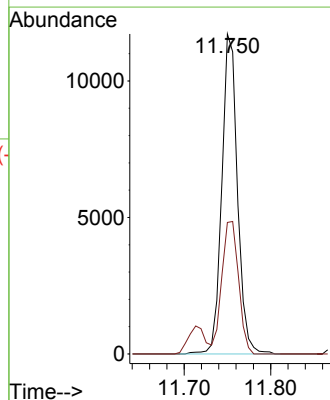
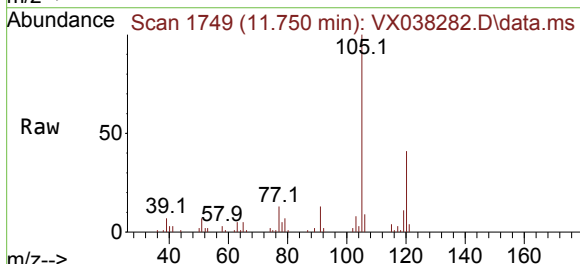
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

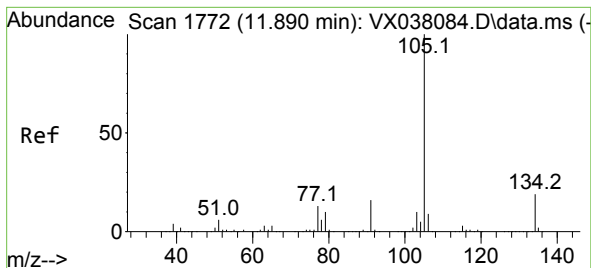
Tgt Ion:119	Resp:	15130
Ion Ratio	Lower	Upper
119	100	
91	61.3	31.2 93.6
134	23.4	11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 2.422 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion:105	Resp:	14720
Ion Ratio	Lower	Upper
105	100	
120	44.2	21.2 63.6





#85

sec-Butylbenzene

Concen: 2.497 ug/l

RT: 11.890 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

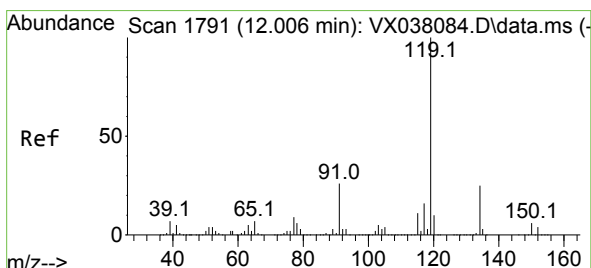
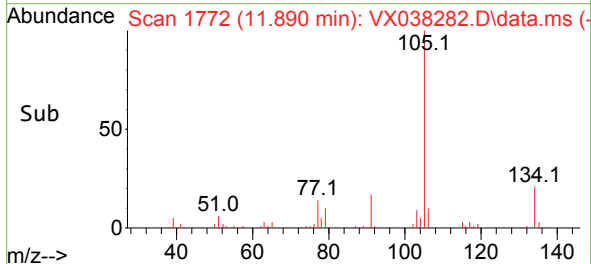
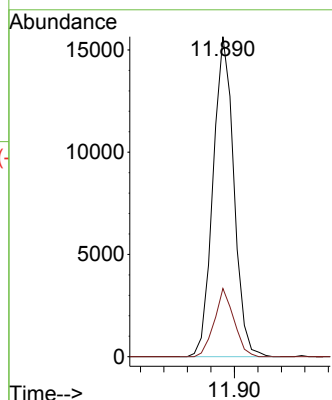
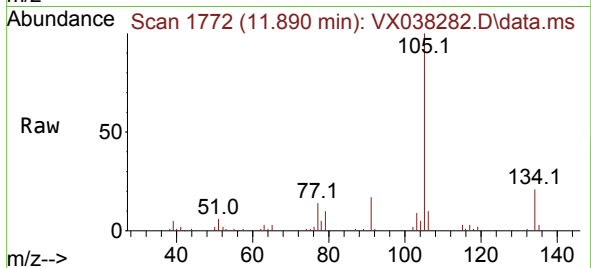
MDL-WATER-03-QT4-2023

Tgt Ion:105 Resp: 19271

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.4



#86

p-Isopropyltoluene

Concen: 2.408 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

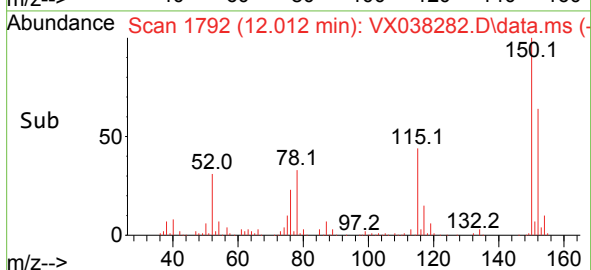
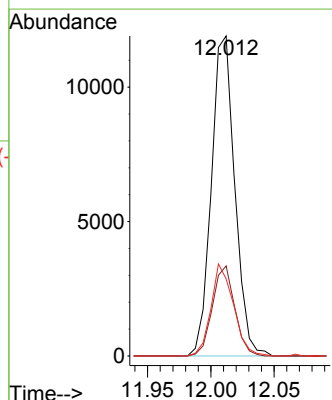
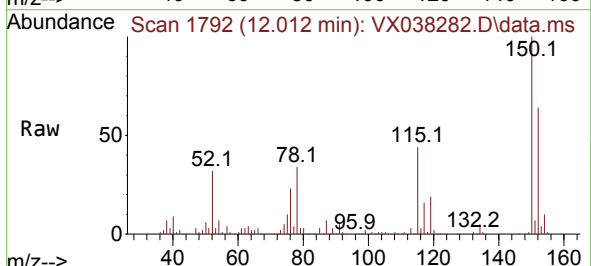
Tgt Ion:119 Resp: 15329

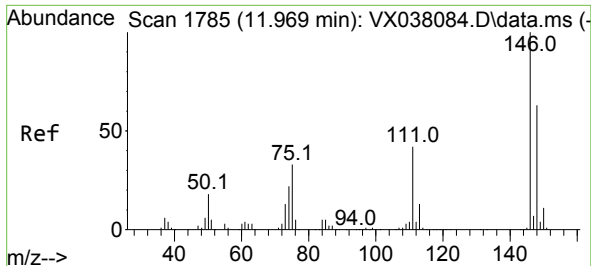
Ion Ratio Lower Upper

119 100

134 26.7 12.8 38.3

91 27.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 2.662 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038282.D

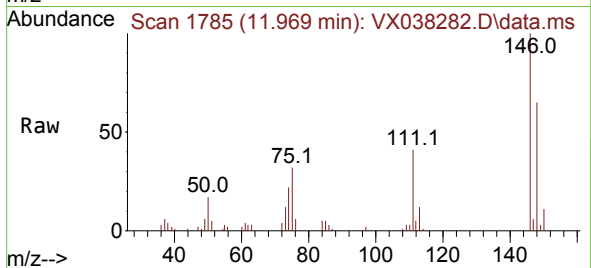
Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023



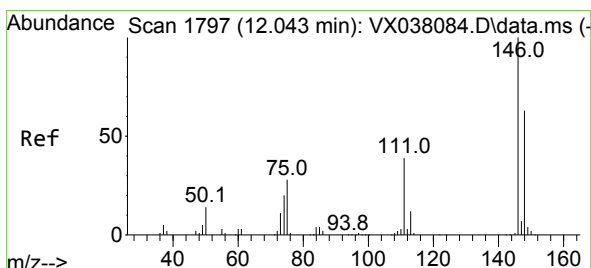
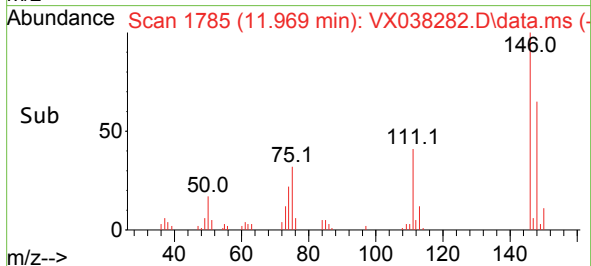
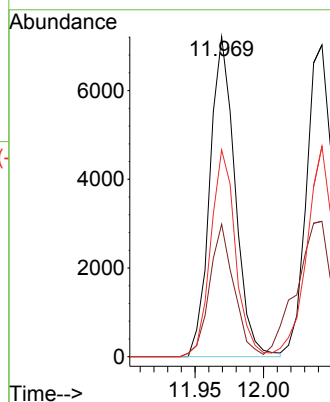
Tgt Ion:146 Resp: 9223

Ion Ratio Lower Upper

146 100

111 40.2 22.1 66.1

148 63.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 2.672 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

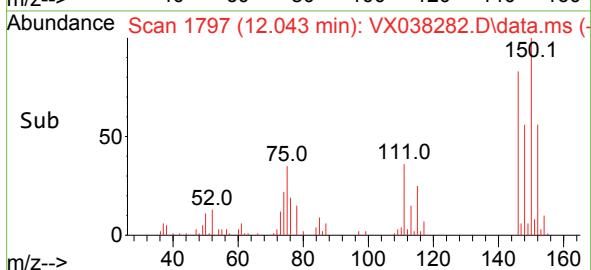
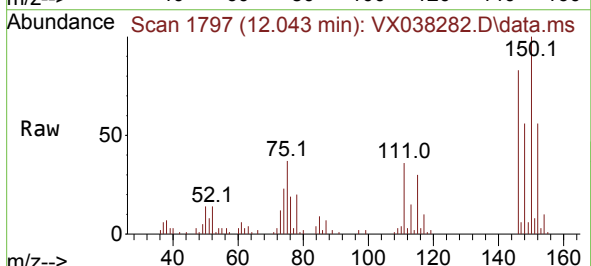
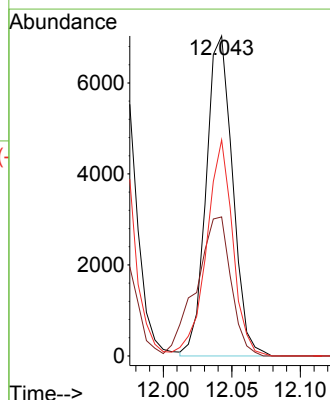
Tgt Ion:146 Resp: 9451

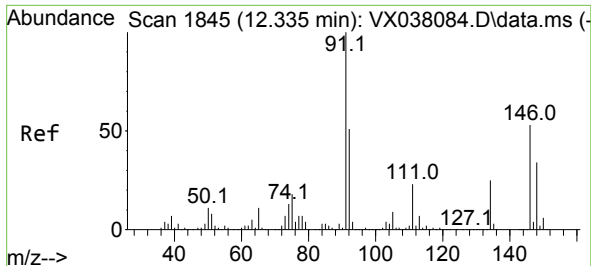
Ion Ratio Lower Upper

146 100

111 57.1 21.3 63.7

148 67.0 31.8 95.4





#89

n-Butylbenzene

Concen: 2.361 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

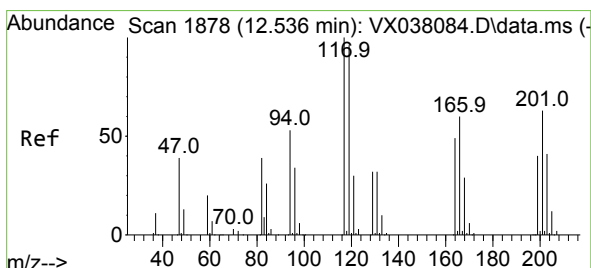
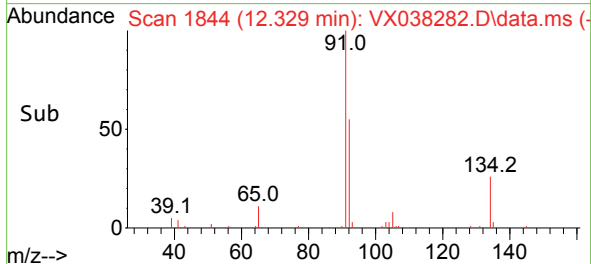
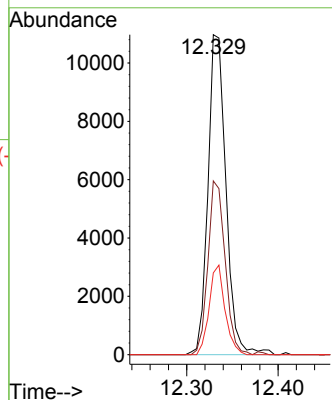
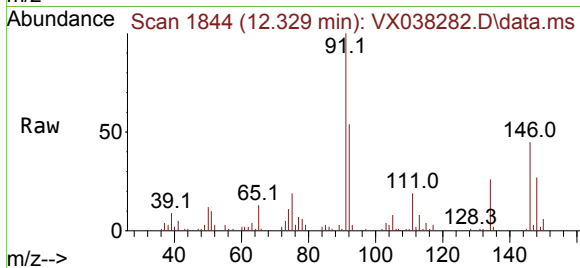
Tgt Ion: 91 Resp: 14968

Ion Ratio Lower Upper

91 100

92 51.8 27.4 82.0

134 24.7 12.6 37.8



#90

Hexachloroethane

Concen: 2.124 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038282.D

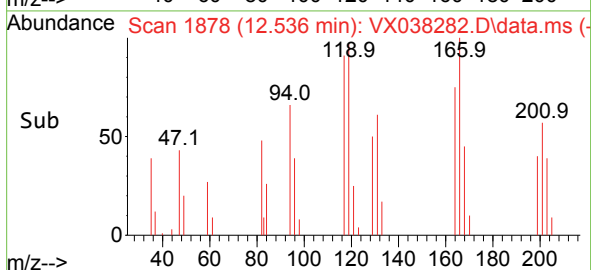
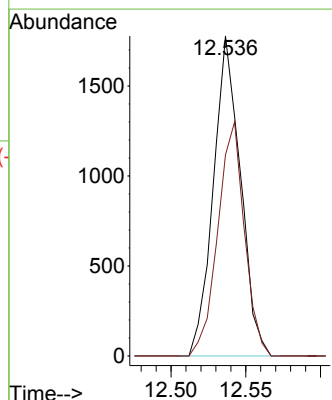
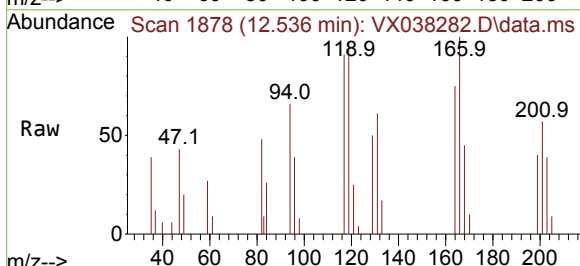
Acq: 13 Oct 2023 13:48

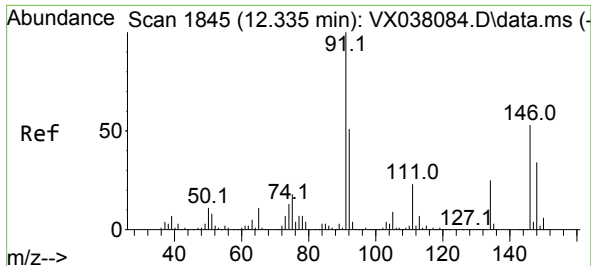
Tgt Ion: 117 Resp: 2242

Ion Ratio Lower Upper

117 100

201 71.9 32.9 98.6

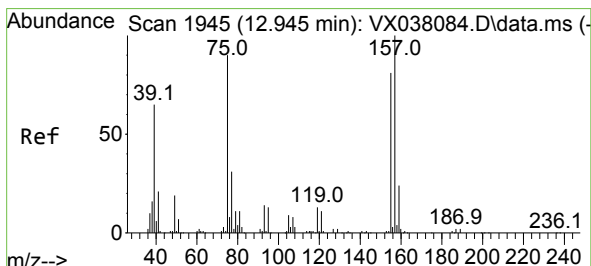
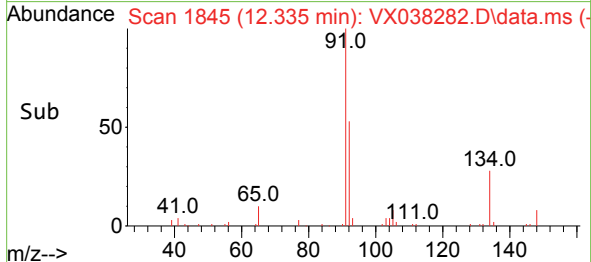
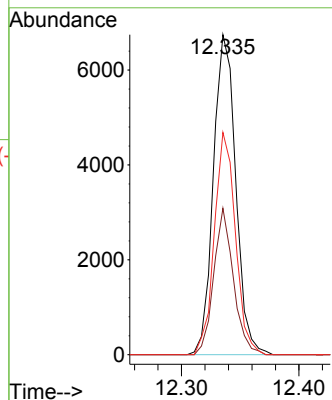
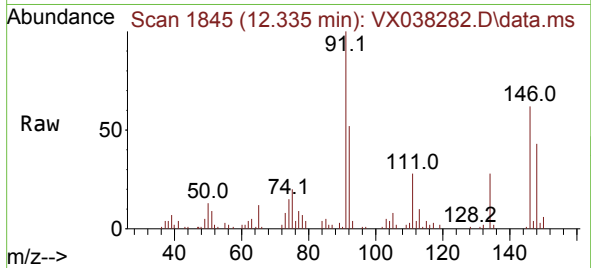




#91
1,2-Dichlorobenzene
Concen: 2.676 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

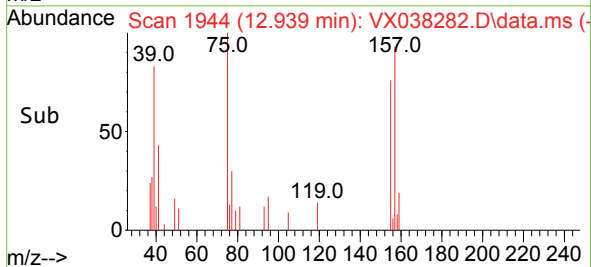
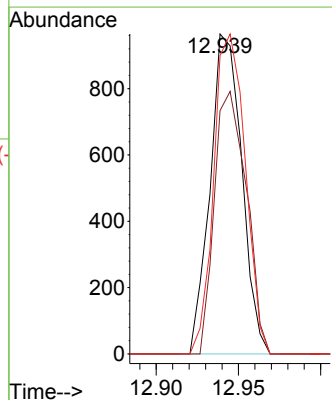
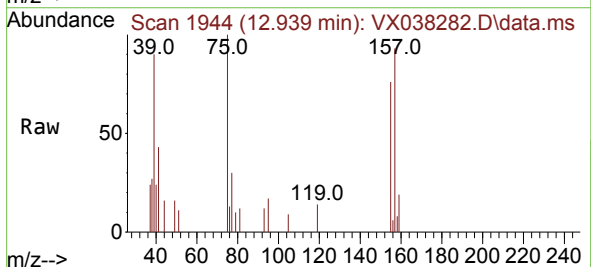
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

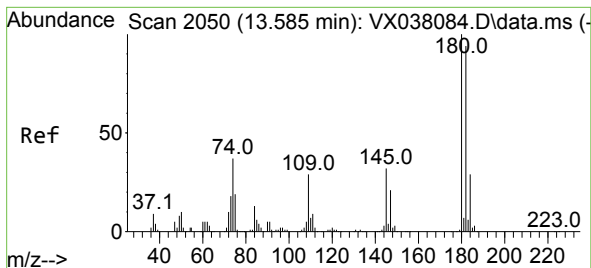
Tgt Ion:146 Resp: 8914
Ion Ratio Lower Upper
146 100
111 40.3 22.4 67.0
148 65.7 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.063 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion: 75 Resp: 1293
Ion Ratio Lower Upper
75 100
155 83.1 36.1 108.5
157 99.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 2.407 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

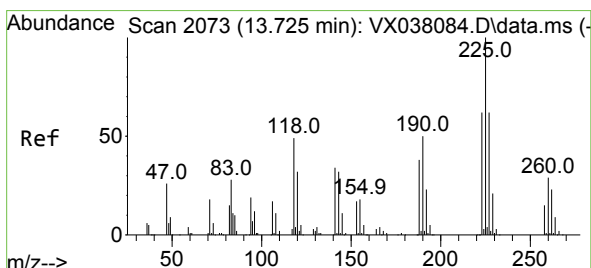
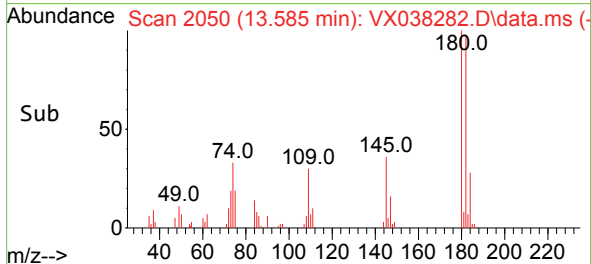
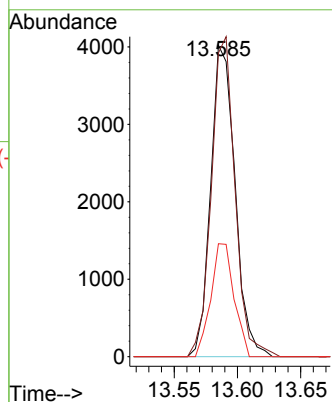
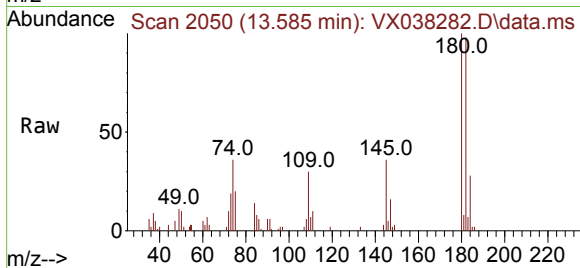
Tgt Ion:180 Resp: 5377

Ion Ratio Lower Upper

180 100

182 99.7 48.3 144.8

145 34.5 18.0 54.0



#94

Hexachlorobutadiene

Concen: 2.667 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

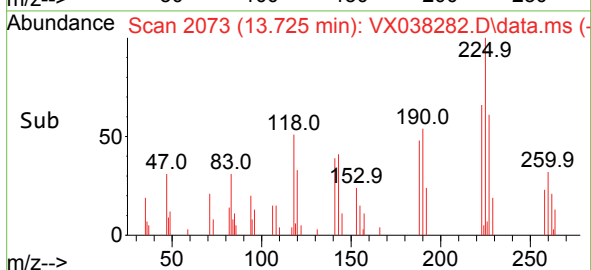
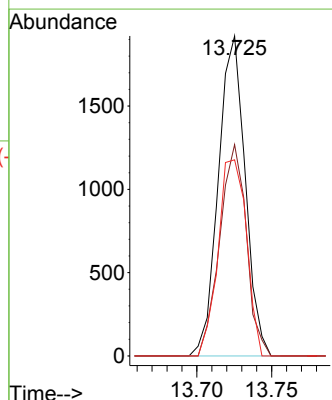
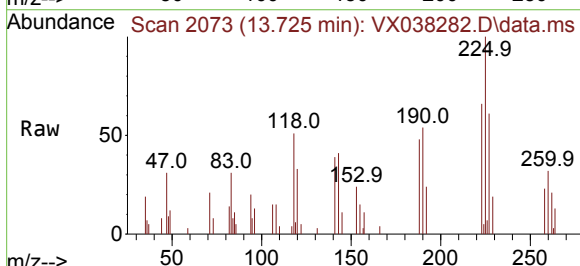
Tgt Ion:225 Resp: 2398

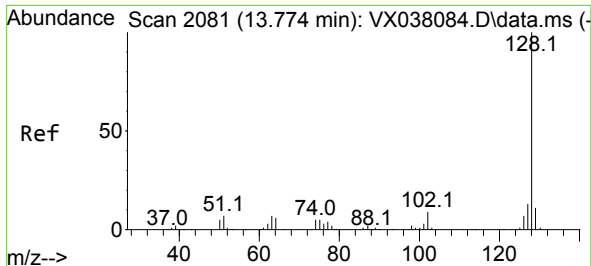
Ion Ratio Lower Upper

225 100

223 65.4 31.1 93.2

227 64.7 32.5 97.5

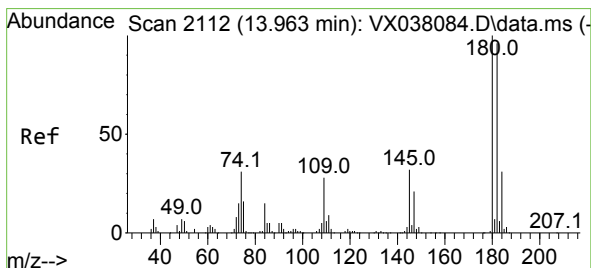
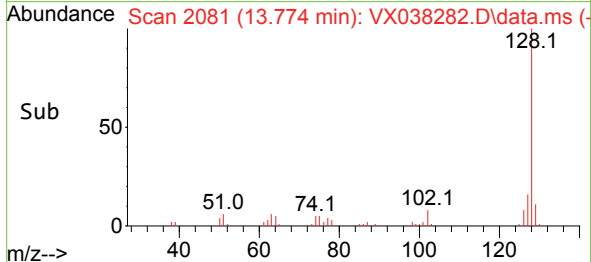
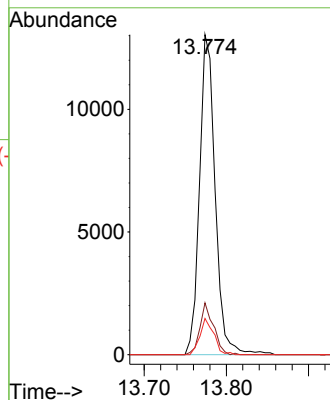
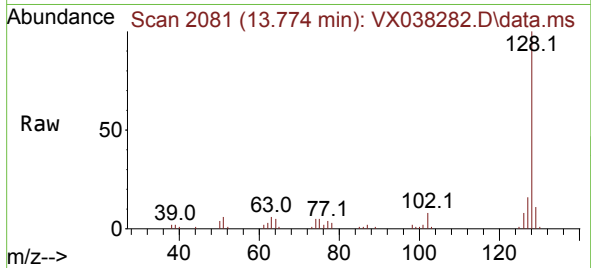




#95
Naphthalene
Concen: 2.221 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

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

Tgt Ion:128	Resp:	17279
Ion	Ratio	Lower Upper
128	100	
127	14.1	10.3 15.5
129	10.0	8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 2.587 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion:180	Resp:	5595
Ion	Ratio	Lower Upper
180	100	
182	95.7	46.9 140.6
145	33.7	17.8 53.5

