

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050824\
 Data File : VN082028.D
 Acq On : 08 May 2024 11:57
 Operator : JC\MD
 Sample : P2403-09 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2024

Quant Time: May 09 01:02:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	33133	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	191749	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	169643	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	85858	30.950	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.167%	
60) 4-Bromofluorobenzene	12.853	95	80506	28.516	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 95.067%	
63) Toluene-d8	10.571	98	247091	30.670	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.233%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	5663	3.011	ug/l	100
3) Chloromethane	2.359	50	7535	3.455	ug/l	89
4) Vinyl Chloride	2.512	62	6802	3.301	ug/l	93
5) Bromomethane	2.953	94	1440	1.339	ug/l #	72
6) Chloroethane	3.124	64	4846	4.153	ug/l	94
7) Trichlorofluoromethane	3.495	101	4500	1.493	ug/l	87
8) Diethyl Ether	3.953	74	2374	1.627	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.371	101	2501	1.210	ug/l #	74
10) 1,1-Dichloroethene	4.336	96	2821	1.395	ug/l #	66
11) Methyl Iodide	4.589	142	3021	1.635	ug/l #	79
12) Methyl Acetate	5.030	43	6278	2.479	ug/l #	51
13) Acrolein	4.177	56	3390	6.299	ug/l #	68
14) Acrylonitrile	5.718	53	10658	9.223	ug/l #	89
15) Acetone	4.430	58	3637	14.045	ug/l	88
16) Carbon Disulfide	4.712	76	17615	3.144	ug/l #	89
17) Allyl chloride	5.018	41	10926	3.077	ug/l	88
18) Methylene Chloride	5.271	84	3769	1.638	ug/l #	81
19) trans-1,2-Dichloroethene	5.789	96	6175	2.934	ug/l	94
20) Diisopropyl ether	6.665	45	22101	2.814	ug/l #	84
21) 1,1-Dichloroethane	6.565	63	11871	2.854	ug/l #	88
22) cis-1,2-Dichloroethene	7.488	96	7816	3.047	ug/l	93
23) tert-Butyl Alcohol	5.489	59	1506	3.164	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	19918	2.732	ug/l #	83
25) Chloroform	7.965	83	11428	2.856	ug/l	92
26) Cyclohexane	8.253	56	8063	2.242	ug/l #	68
29) 1,1-Dichloropropene	8.371	75	8109	2.841	ug/l	94
30) 2-Butanone	7.488	43	22977	15.615	ug/l #	78
31) 2,2-Dichloropropane	7.483	77	5273	1.802	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	9227	2.810	ug/l #	73
33) Carbon Tetrachloride	8.365	117	7564	2.839	ug/l	90
34) Benzene	8.612	78	28072	3.082	ug/l #	84
35) Methacrylonitrile	7.777	41	3300	1.773	ug/l	86
36) 1,2-Dichloroethane	8.671	62	9171	3.000	ug/l	95
37) Trichloroethene	9.347	130	5703	2.557	ug/l #	72
38) Methylcyclohexane	9.600	83	10051	2.915	ug/l	85
39) 1,2-Dichloropropane	9.630	63	6775	2.899	ug/l	94
40) Dibromomethane	9.706	93	4231	2.818	ug/l	65
41) Bromodichloromethane	9.888	83	8974	2.797	ug/l #	86
42) Vinyl Acetate	6.600	43	87863	14.028	ug/l #	91

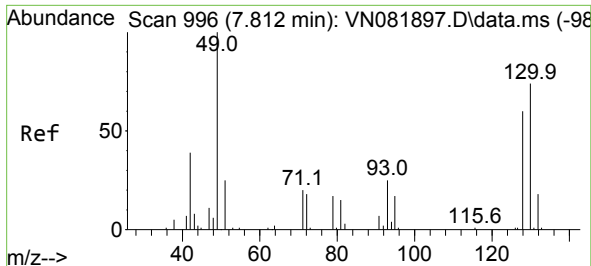
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050824\
 Data File : VN082028.D
 Acq On : 08 May 2024 11:57
 Operator : JC\MD
 Sample : P2403-09 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2024

Quant Time: May 09 01:02:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	3481	1.085	ug/l #	70
44) Isopropyl Acetate	8.688	43	16539	2.904	ug/l #	79
45) 1,4-Dioxane	9.694	88	1561	34.173	ug/l #	1
46) Methyl methacrylate	9.688	41	7911	3.040	ug/l	77
47) n-amyl Acetate	12.494	43	14037	2.732	ug/l	89
48) t-1,3-Dichloropropene	10.841	75	9461	2.719	ug/l	100
49) cis-1,3-Dichloropropene	10.318	75	10828	2.943	ug/l	94
50) 1,1,2-Trichloroethane	11.018	97	6035	2.963	ug/l #	93
51) Ethyl methacrylate	10.877	69	10062	2.618	ug/l	80
52) 1,3-Dichloropropane	11.159	76	11432	3.055	ug/l	93
53) Dibromochloromethane	11.359	129	5797	2.616	ug/l	95
54) 1,2-Dibromoethane	11.476	107	6070	2.988	ug/l	97
55) 2-Chloroethyl vinyl ether	10.159	63	23969	12.470	ug/l #	93
56) Bromoform	12.582	173	3483	2.583	ug/l #	66
58) 4-Methyl-2-Pentanone	10.441	43	46811	14.211	ug/l #	87
59) 2-Hexanone	11.194	43	35419	14.502	ug/l #	89
61) Tetrachloroethene	11.106	164	4862	2.583	ug/l #	75
62) Toluene	10.629	91	27611	2.893	ug/l	94
64) Chlorobenzene	11.888	112	15699	2.689	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	4711	2.465	ug/l	83
66) Ethyl Benzene	11.965	91	28325	2.707	ug/l #	88
67) m/p-Xylenes	12.076	106	21066	5.431	ug/l	100
68) o-Xylene	12.406	106	10869	2.832	ug/l	96
69) Styrene	12.418	104	16002	2.484	ug/l	97
70) Isopropylbenzene	12.694	105	24511	2.515	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	7903	2.817	ug/l	95
72) 1,2,3-Trichloropropane	13.000	75	10483	3.997	ug/l	68
73) Bromobenzene	12.976	156	5444	2.609	ug/l	78
74) n-propylbenzene	13.035	91	29915	2.601	ug/l	99
75) 2-Chlorotoluene	13.123	91	18682	2.626	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	20743	2.629	ug/l	94
77) t-1,4-Dichloro-2-butene	12.735	75	3516	3.012	ug/l	88
78) 4-Chlorotoluene	13.223	91	17838	2.559	ug/l	93
79) tert-butylbenzene	13.441	119	16082	2.367	ug/l	95
80) 1,2,4-Trimethylbenzene	13.482	105	19077	2.407	ug/l	88
81) sec-Butylbenzene	13.617	105	24874	2.612	ug/l	98
82) p-Isopropyltoluene	13.729	119	18032	2.395	ug/l	95
83) 1,3-Dichlorobenzene	13.735	146	9718	2.587	ug/l	95
84) 1,4-Dichlorobenzene	13.817	146	8835	2.340	ug/l	92
85) n-Butylbenzene	14.053	91	17662	2.568	ug/l	94
86) Hexachloroethane	14.341	117	3767	2.509	ug/l	71
87) 1,2-Dichlorobenzene	14.106	146	10154	2.714	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.717	75	1578	2.507	ug/l #	72
89) 1,2,4-Trichlorobenzene	15.841	180	4535	2.201	ug/l #	85
90) Hexachlorobutadiene	15.506	225	1786	2.340	ug/l	57
91) Naphthalene	15.647	128	16924	2.161	ug/l #	90
92) 1,2,3-Trichlorobenzene	15.841	180	4535	2.201	ug/l	85

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.812 min Scan# 996

Delta R.T. -0.000 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

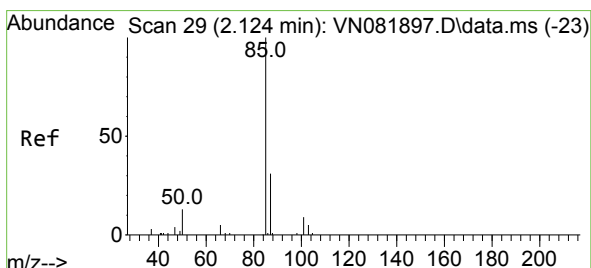
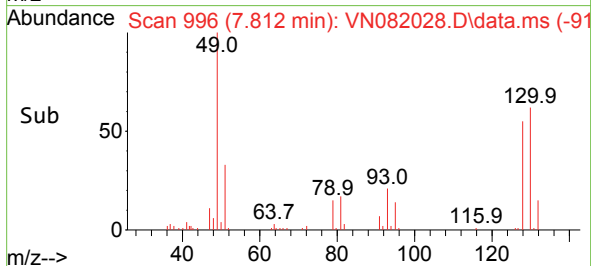
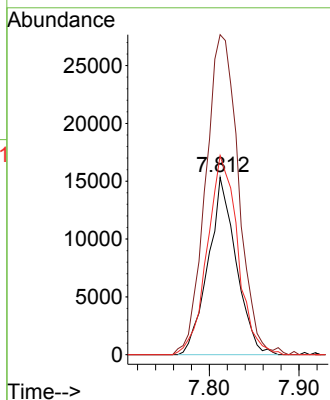
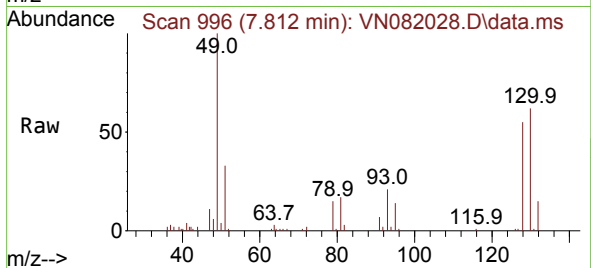
Tgt Ion:128 Resp: 33133

Ion Ratio Lower Upper

128 100

49 211.4 0.0 403.7

130 122.4 0.0 323.3



#2

Dichlorodifluoromethane

Concen: 3.011 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN082028.D

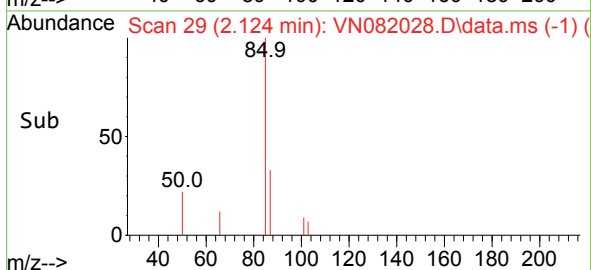
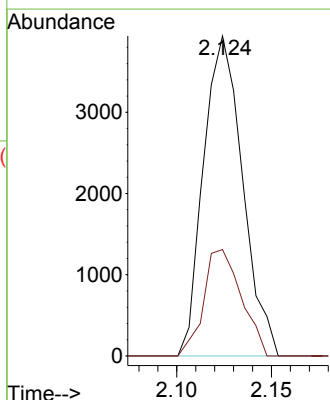
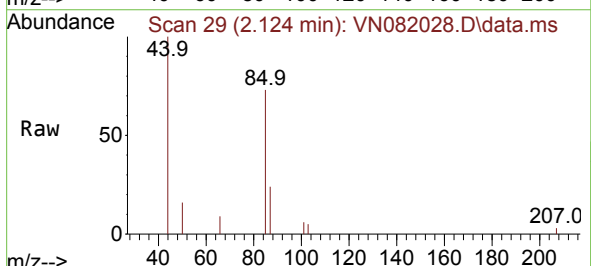
Acq: 08 May 2024 11:57

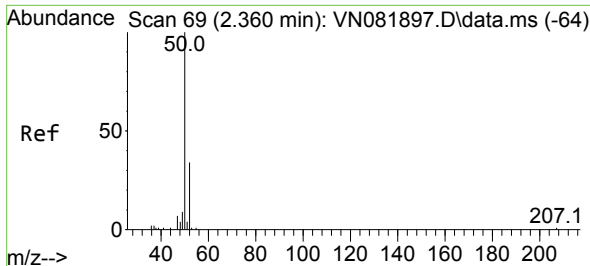
Tgt Ion: 85 Resp: 5663

Ion Ratio Lower Upper

85 100

87 33.3 16.8 50.3

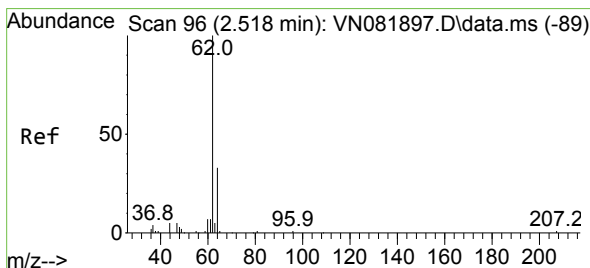
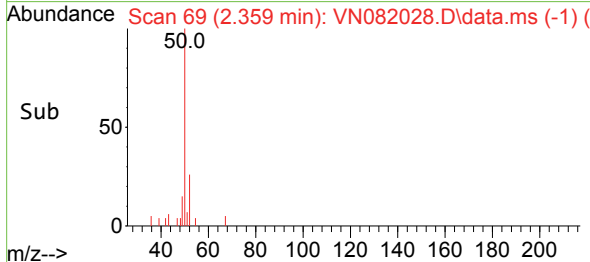
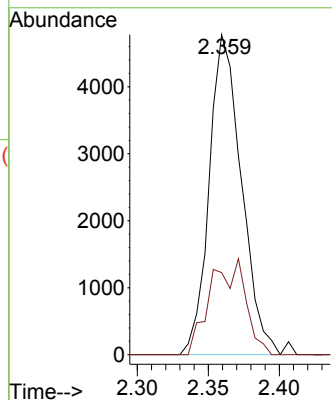
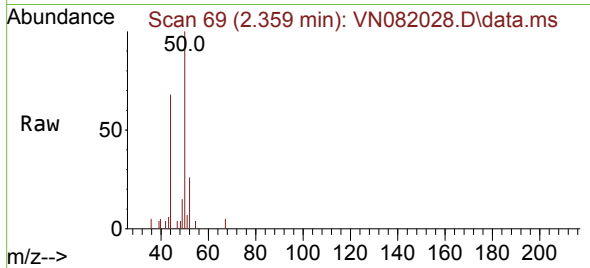




#3
Chloromethane
Concen: 3.455 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

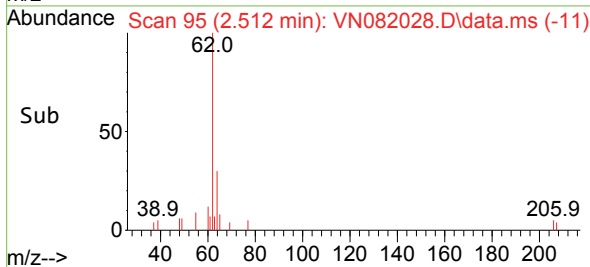
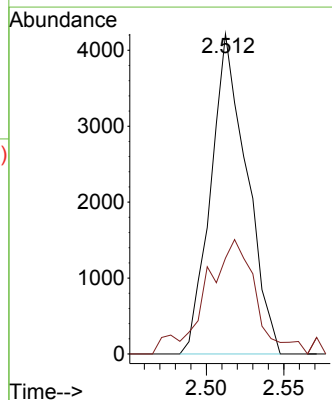
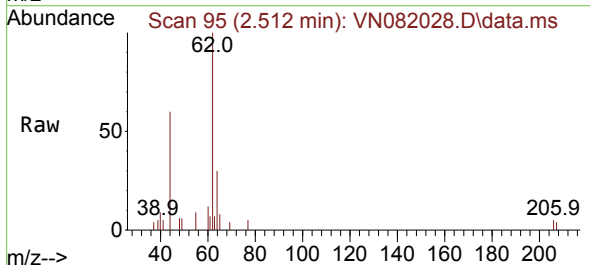
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

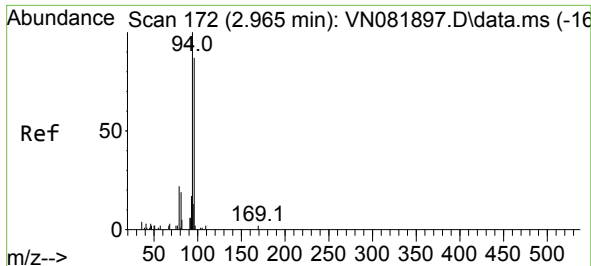
Tgt Ion: 50 Resp: 7535
Ion Ratio Lower Upper
50 100
52 25.7 25.4 38.0



#4
Vinyl Chloride
Concen: 3.301 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion: 62 Resp: 6802
Ion Ratio Lower Upper
62 100
64 26.3 24.1 36.1

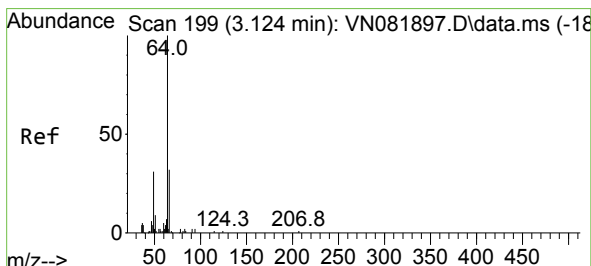
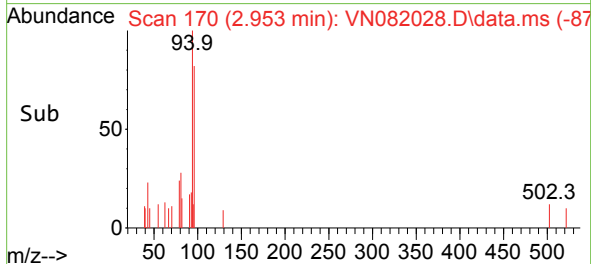
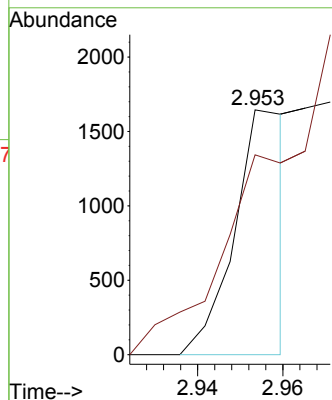
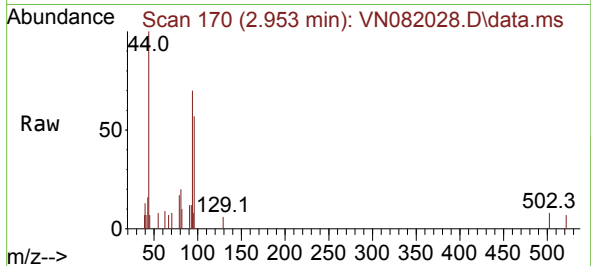




#5
Bromomethane
Concen: 1.339 ug/l
RT: 2.953 min Scan# 172
Delta R.T. -0.012 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

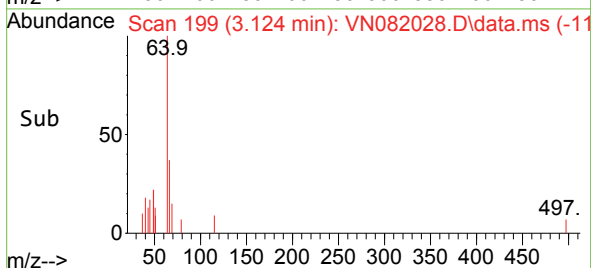
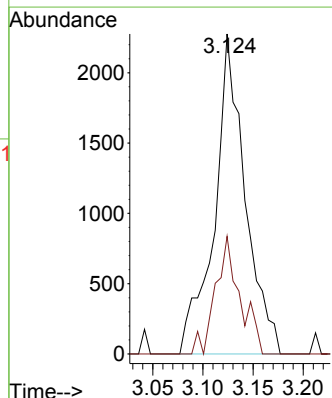
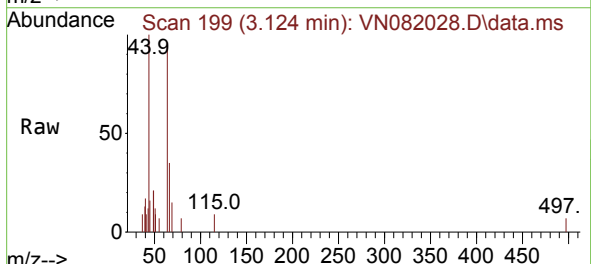
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

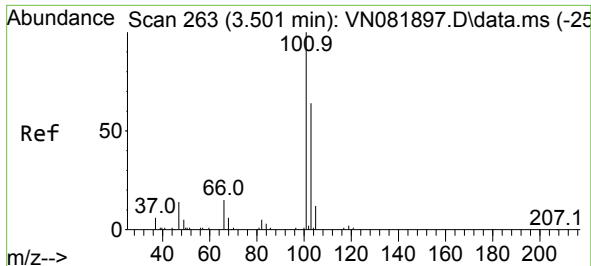
Tgt Ion: 94 Resp: 1440
Ion Ratio Lower Upper
94 100
96 64.3 72.8 109.2#



#6
Chloroethane
Concen: 4.153 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion: 64 Resp: 4846
Ion Ratio Lower Upper
64 100
66 36.8 26.7 40.1

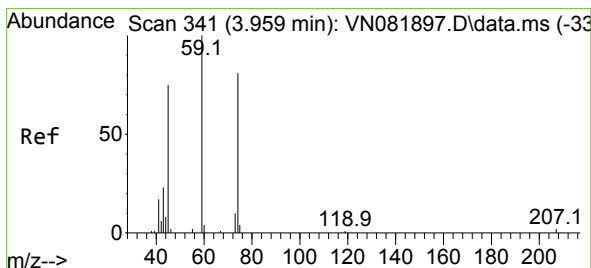
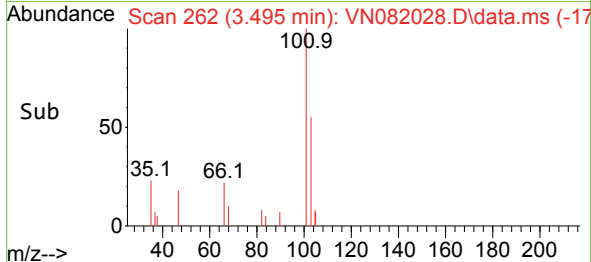
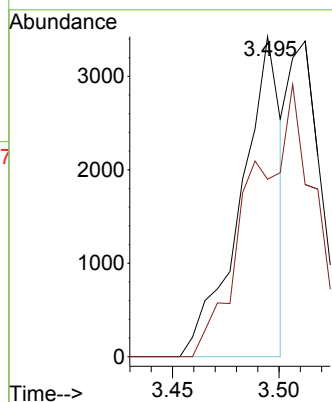
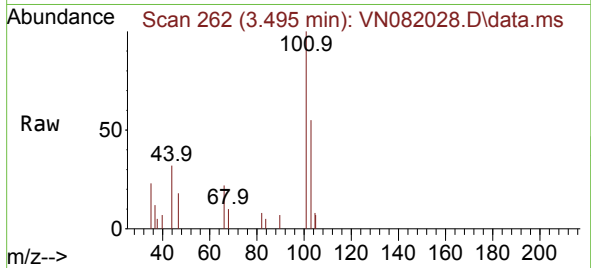




#7
Trichlorofluoromethane
Concen: 1.493 ug/l
RT: 3.495 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

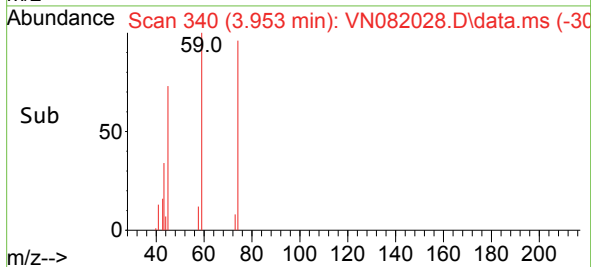
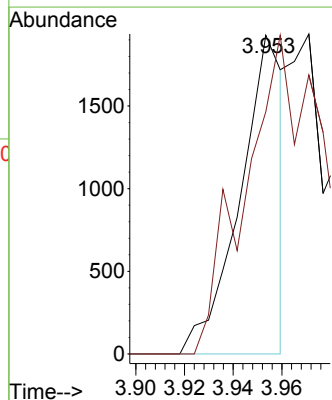
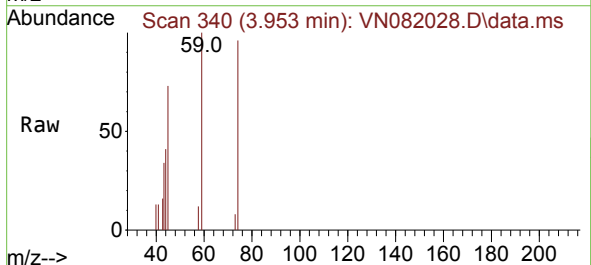
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

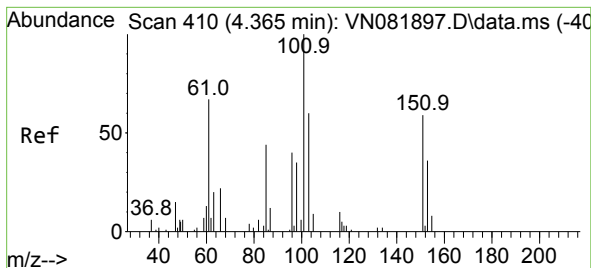
Tgt Ion:101 Resp: 4500
Ion Ratio Lower Upper
101 100
103 55.5 53.0 79.4



#8
Diethyl Ether
Concen: 1.627 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion: 74 Resp: 2374
Ion Ratio Lower Upper
74 100
45 114.5 16.4 147.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.210 ug/l

RT: 4.371 min Scan# 411

Delta R.T. 0.006 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

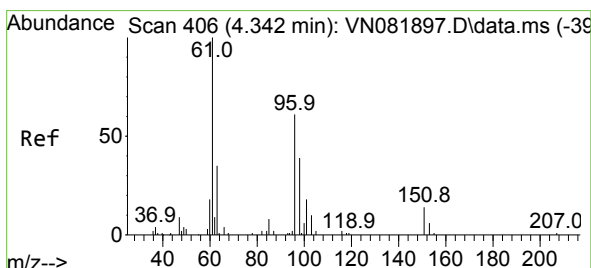
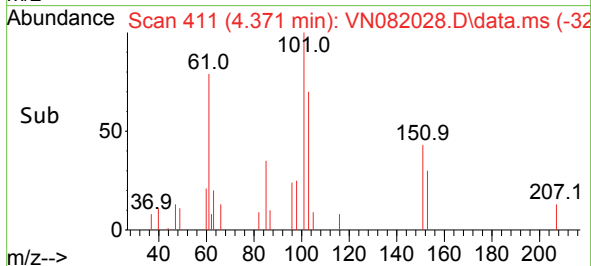
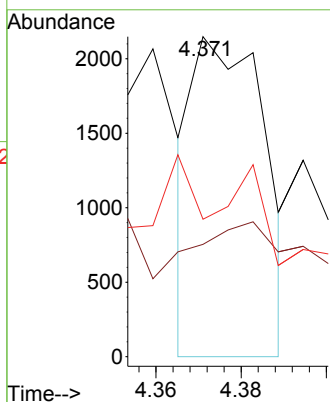
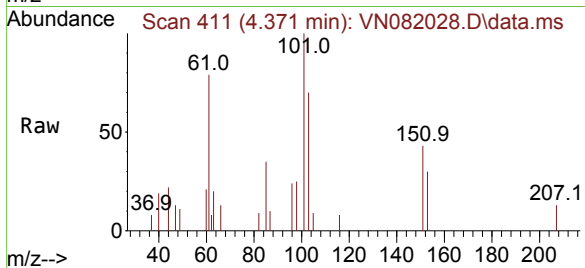
Tgt Ion:101 Resp: 2501

Ion Ratio Lower Upper

101 100

85 0.0 0.0 90.6

151 79.9 0.0 157.6



#10

1,1-Dichloroethene

Concen: 1.395 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.006 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

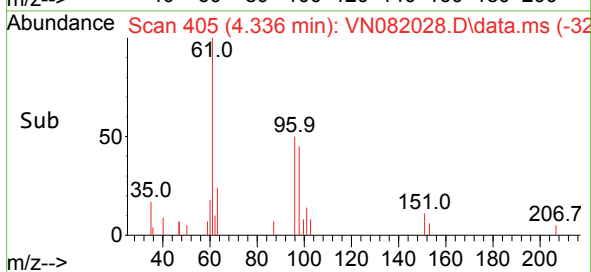
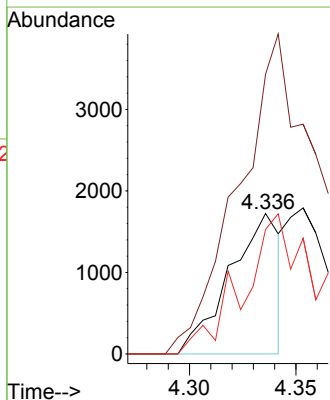
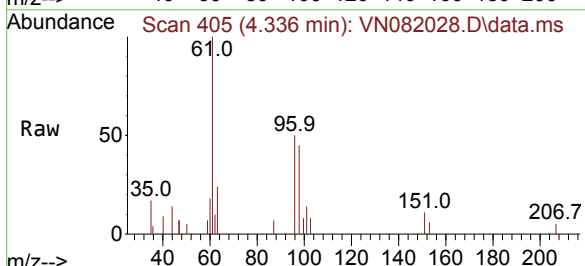
Tgt Ion: 96 Resp: 2821

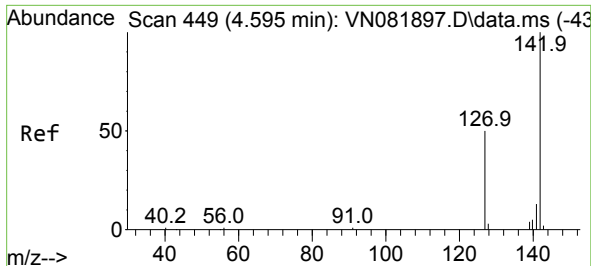
Ion Ratio Lower Upper

96 100

61 187.2 117.6 176.4#

98 88.6 48.4 72.6#

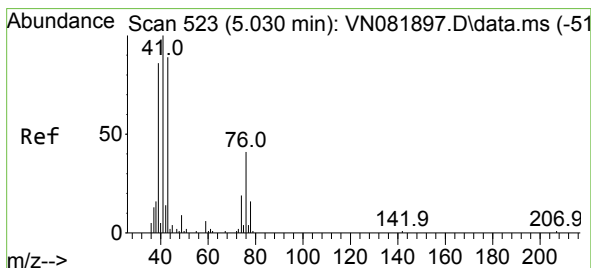
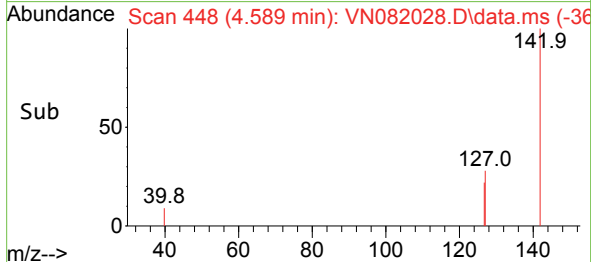
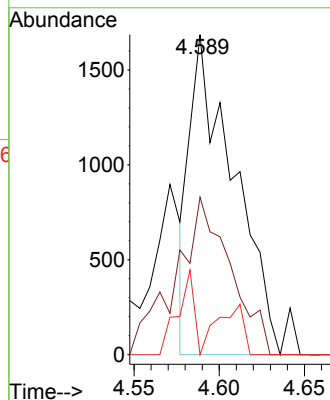
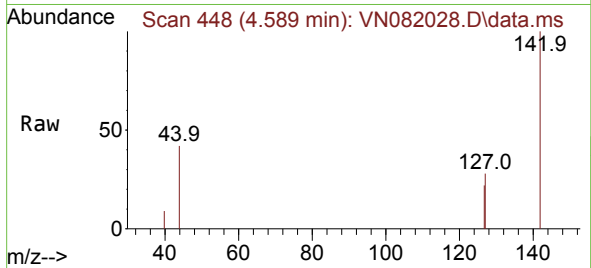




#11
Methyl Iodide
Concen: 1.635 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

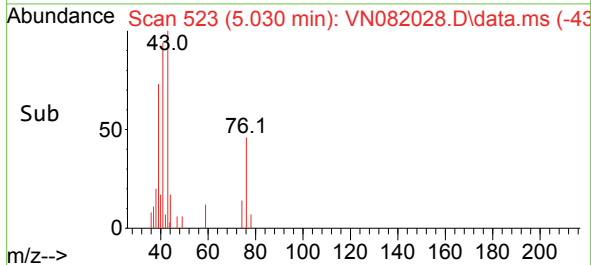
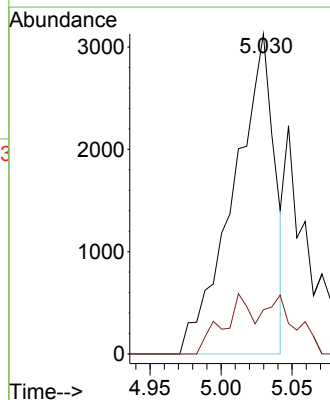
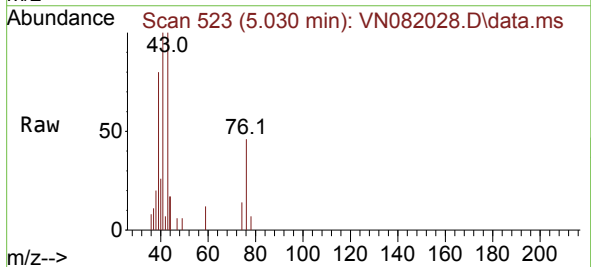
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

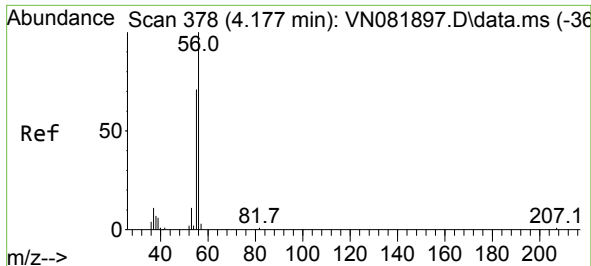
Tgt Ion:142 Resp: 3021
Ion Ratio Lower Upper
142 100
127 41.4 26.3 78.9
141 0.0 8.3 24.9#



#12
Methyl Acetate
Concen: 2.479 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion: 43 Resp: 6278
Ion Ratio Lower Upper
43 100
74 6.3 27.7 41.5#

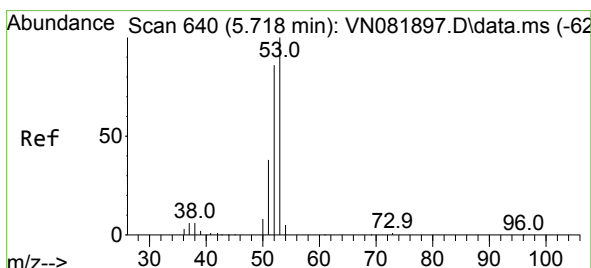
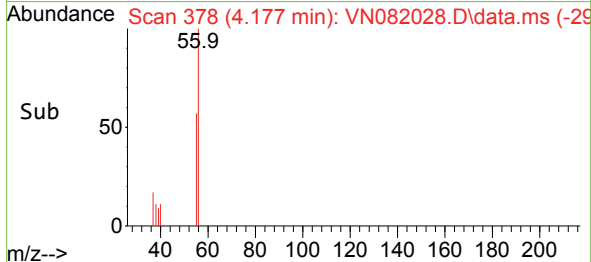
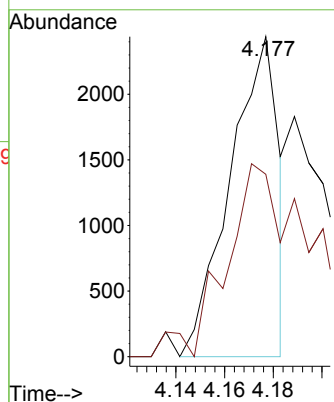
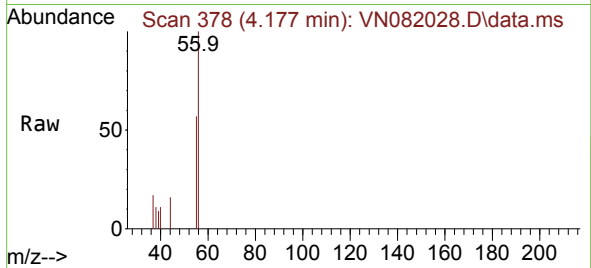




#13
Acrolein
Concen: 6.299 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

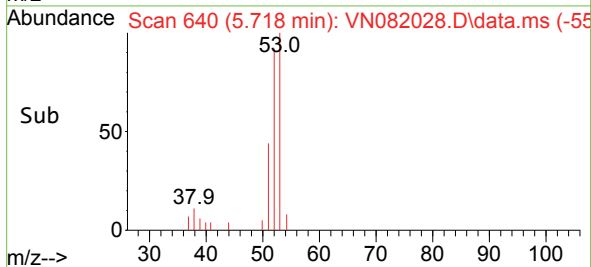
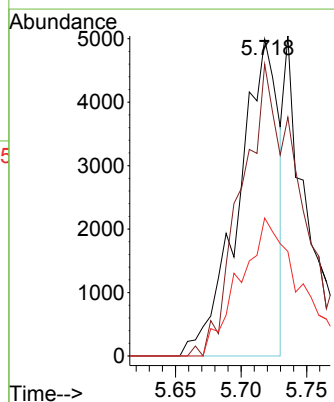
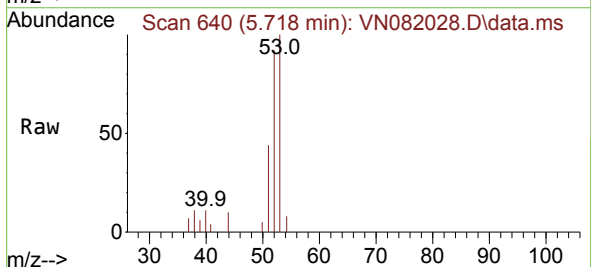
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

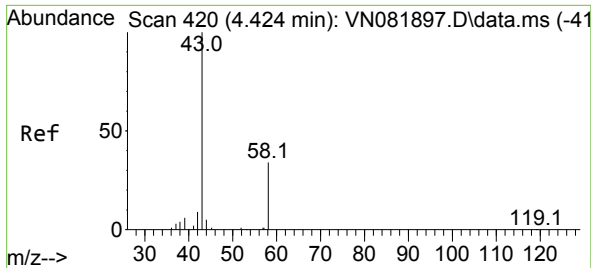
Tgt Ion: 56 Resp: 3390
Ion Ratio Lower Upper
56 100
55 95.4 55.5 83.3#



#14
Acrylonitrile
Concen: 9.223 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion: 53 Resp: 10658
Ion Ratio Lower Upper
53 100
52 84.3 41.3 123.9
51 51.5 16.8 50.3#





#15

Acetone

Concen: 14.045 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

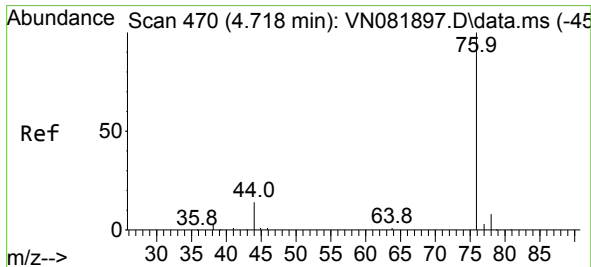
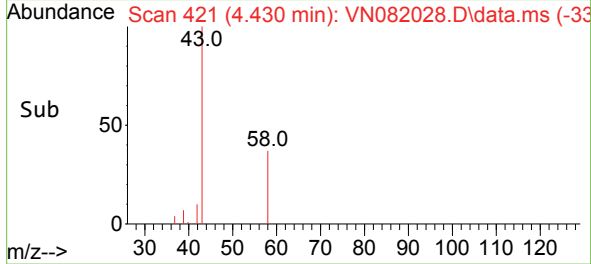
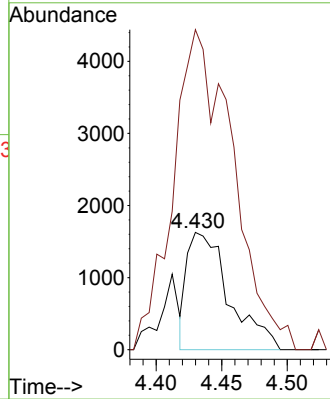
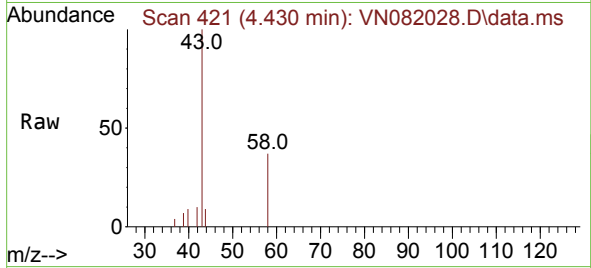
MDL-WATER-03-QT2-2024

Tgt Ion: 58 Resp: 3637

Ion Ratio Lower Upper

58 100

43 255.9 223.1 334.7



#16

Carbon Disulfide

Concen: 3.144 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.006 min

Lab File: VN082028.D

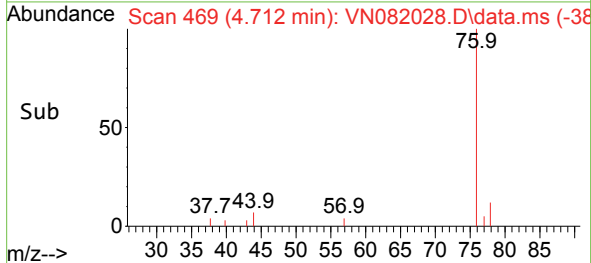
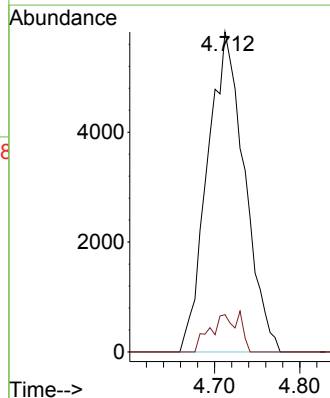
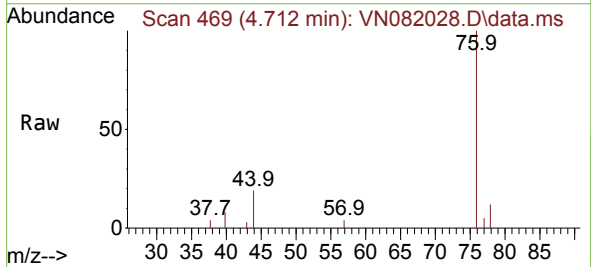
Acq: 08 May 2024 11:57

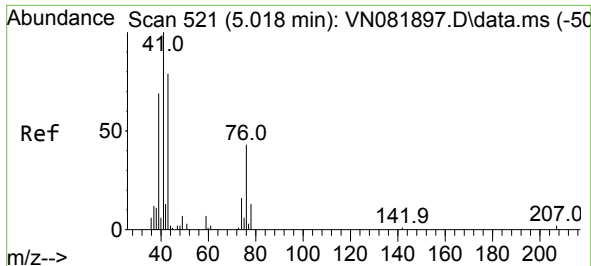
Tgt Ion: 76 Resp: 17615

Ion Ratio Lower Upper

76 100

78 11.7 6.3 9.5#





#17

Allyl chloride

Concen: 3.077 ug/l

RT: 5.018 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

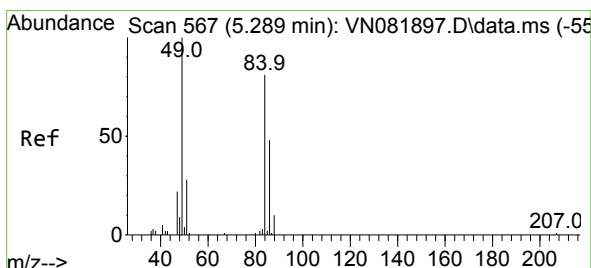
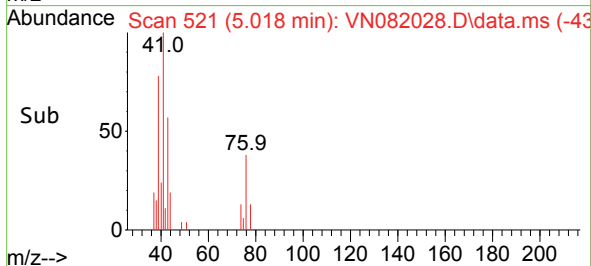
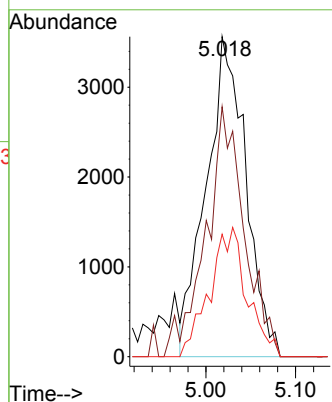
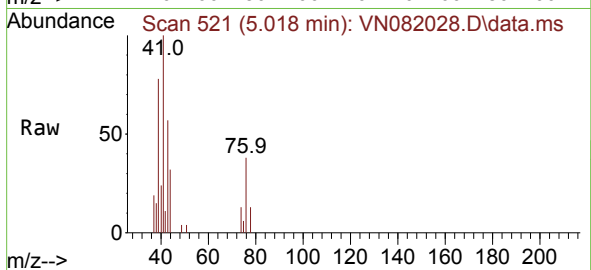
Tgt Ion: 41 Resp: 10926

Ion Ratio Lower Upper

41 100

39 78.1 37.6 112.9

76 38.3 27.8 83.4



#18

Methylene Chloride

Concen: 1.638 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.018 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Tgt Ion: 84 Resp: 3769

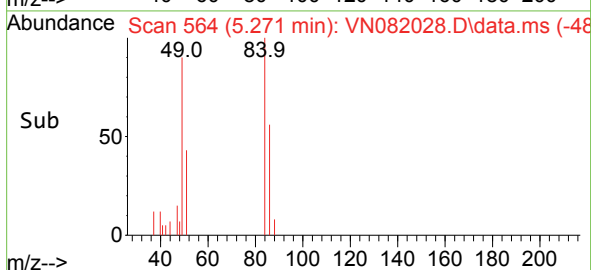
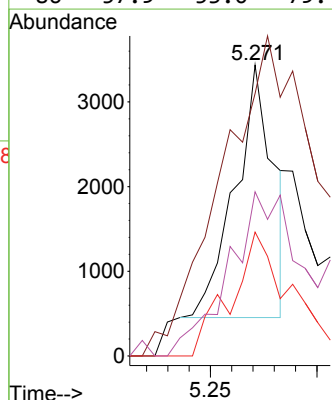
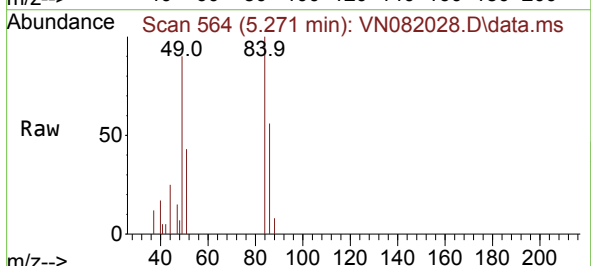
Ion Ratio Lower Upper

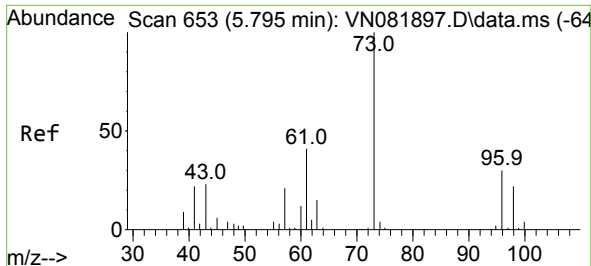
84 100

49 81.3 86.0 129.0#

51 49.0 30.0 45.0#

86 57.9 53.0 79.4





#19

trans-1,2-Dichloroethene

Concen: 2.934 ug/l

RT: 5.789 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN082028.D

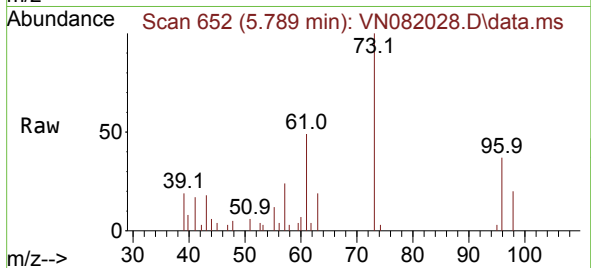
Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024



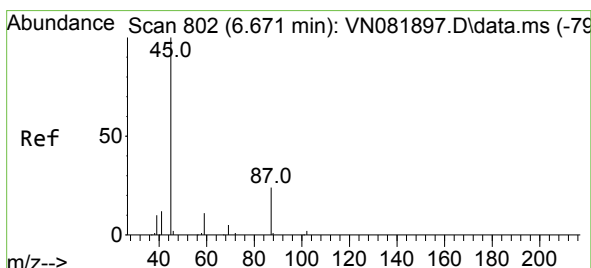
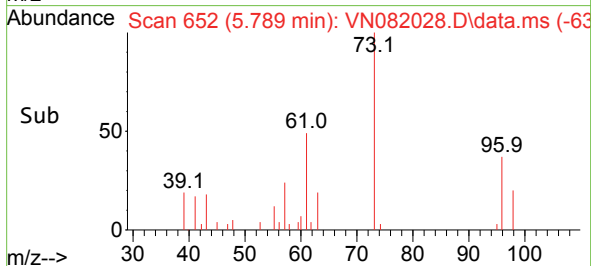
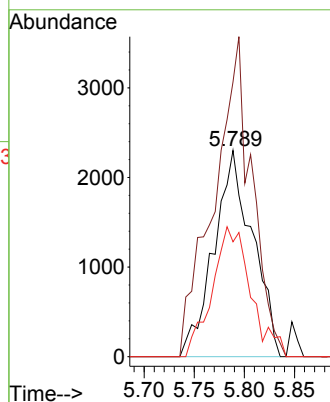
Tgt Ion: 96 Resp: 6175

Ion Ratio Lower Upper

96 100

61 133.2 111.8 167.6

98 55.8 49.2 73.8



#20

Diisopropyl ether

Concen: 2.814 ug/l

RT: 6.665 min Scan# 801

Delta R.T. -0.006 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Tgt Ion: 45 Resp: 22101

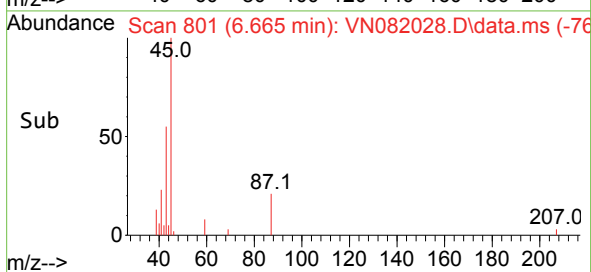
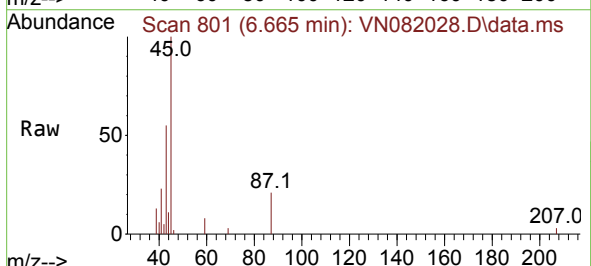
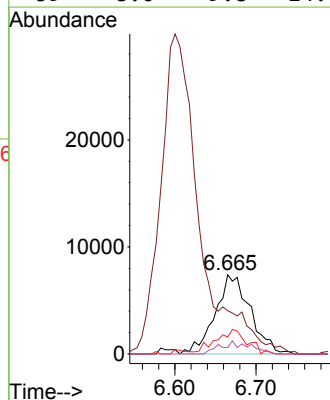
Ion Ratio Lower Upper

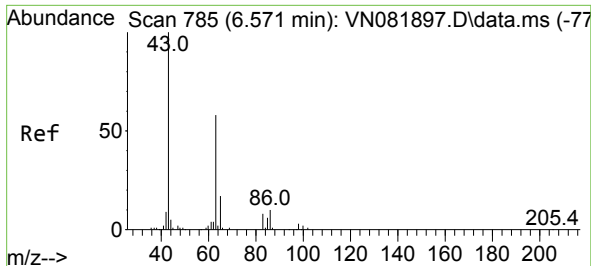
45 100

43 38.4 40.4 60.6#

87 21.2 23.8 35.8#

59 8.0 9.8 14.6#





#21

1,1-Dichloroethane

Concen: 2.854 ug/l

RT: 6.565 min Scan# 71

Delta R.T. -0.006 min

Lab File: VN082028.D

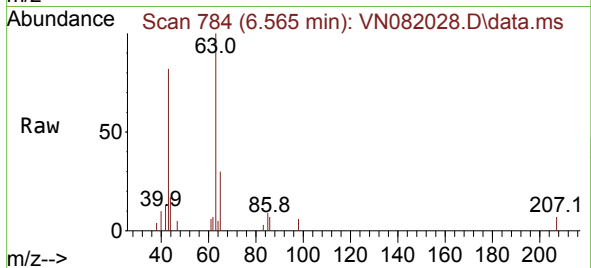
Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024



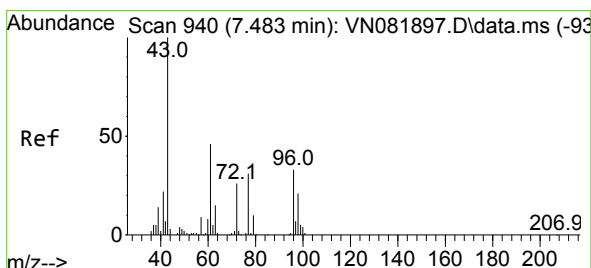
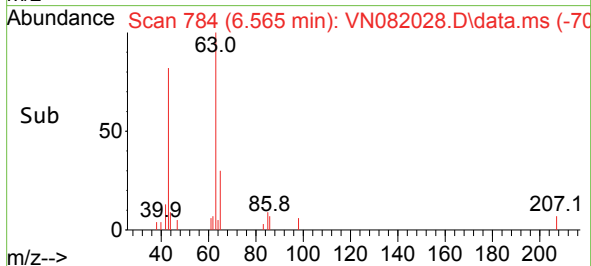
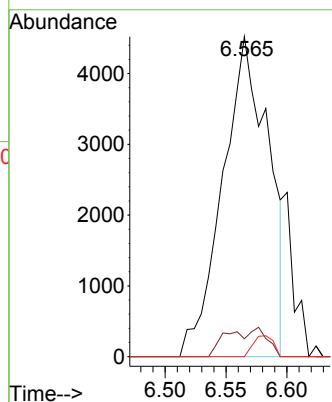
Tgt Ion: 63 Resp: 11871

Ion Ratio Lower Upper

63 100

98 5.6 4.1 12.3

100 0.0 3.0 9.0#



#22

cis-1,2-Dichloroethene

Concen: 3.047 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

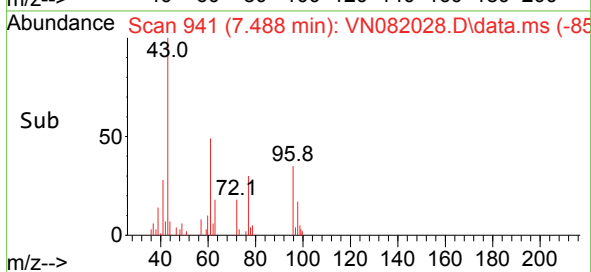
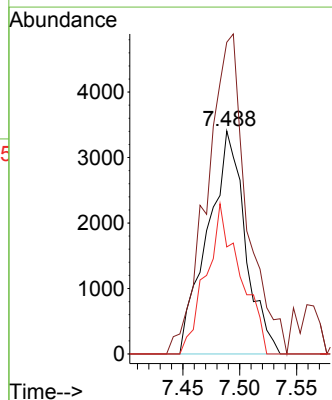
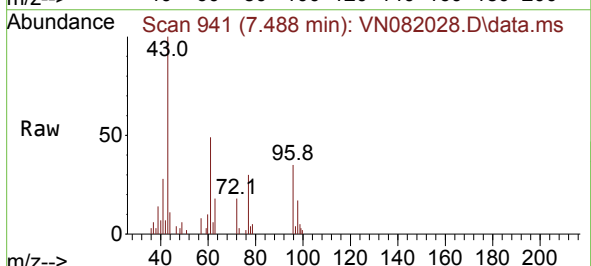
Tgt Ion: 96 Resp: 7816

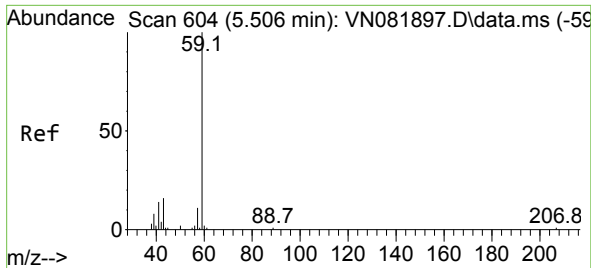
Ion Ratio Lower Upper

96 100

61 152.4 113.5 170.3

98 61.4 52.0 78.0

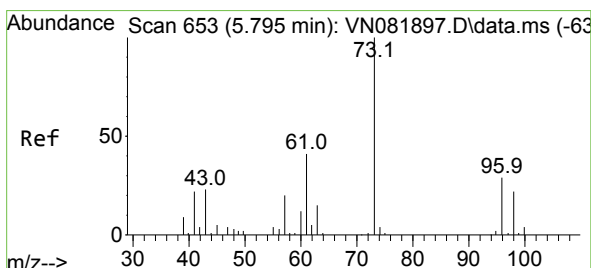
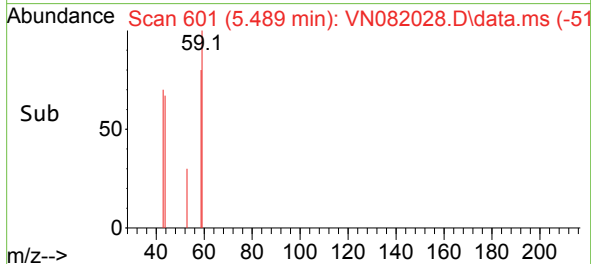
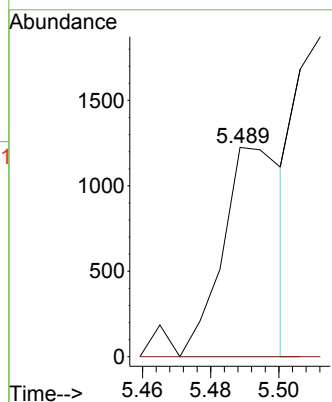
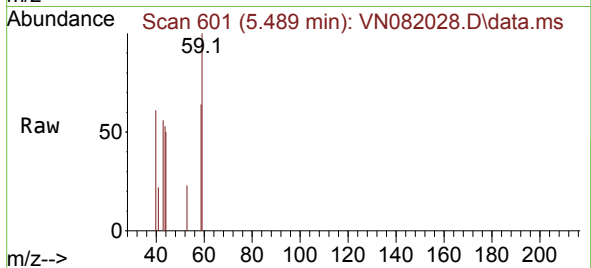




#23
tert-Butyl Alcohol
Concen: 3.164 ug/l
RT: 5.489 min Scan# 604
Delta R.T. -0.018 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

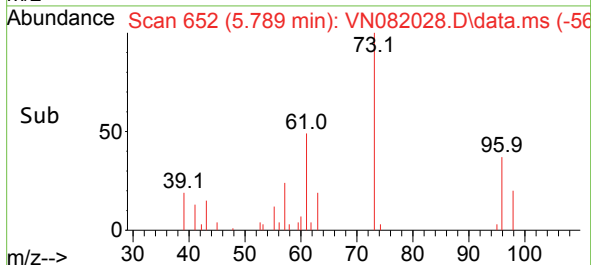
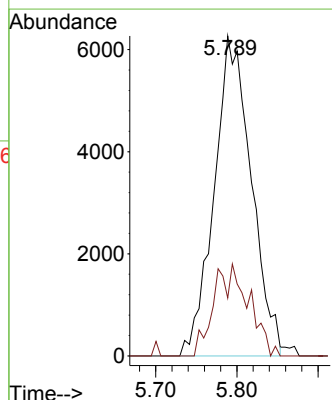
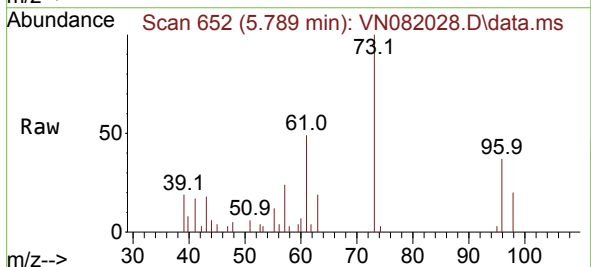
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024

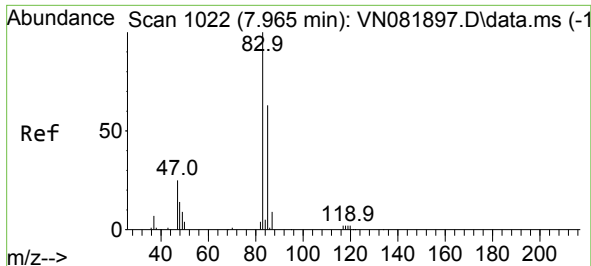
Tgt Ion: 59 Resp: 1506
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 2.732 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion: 73 Resp: 19918
Ion Ratio Lower Upper
73 100
43 9.5 13.4 20.2#

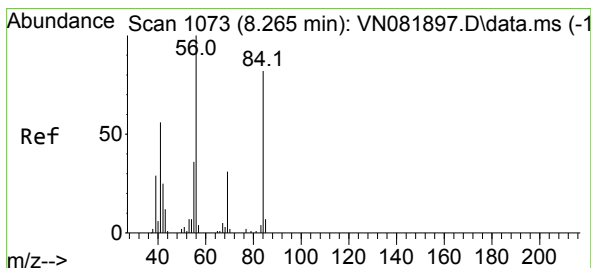
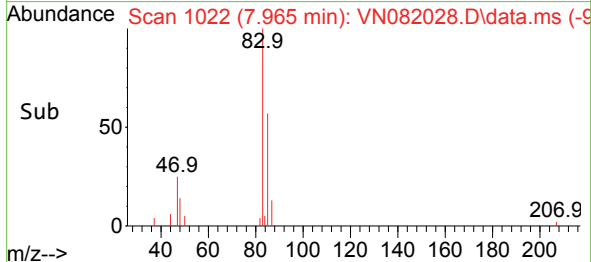
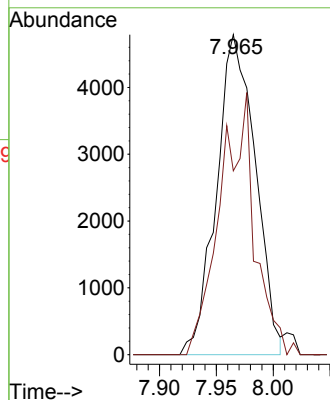
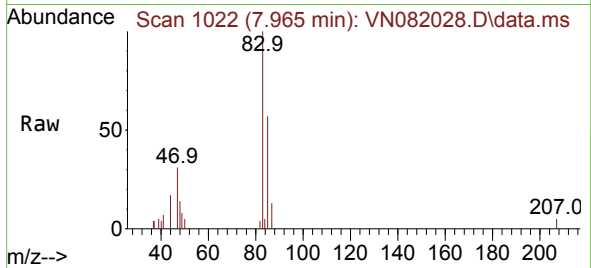




#25
Chloroform
Concen: 2.856 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

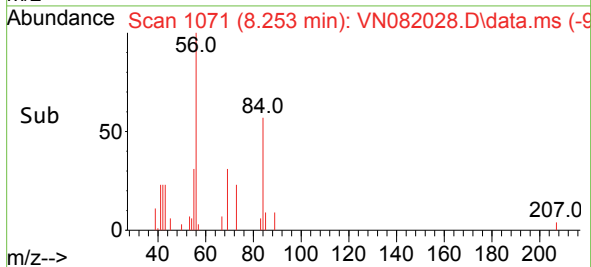
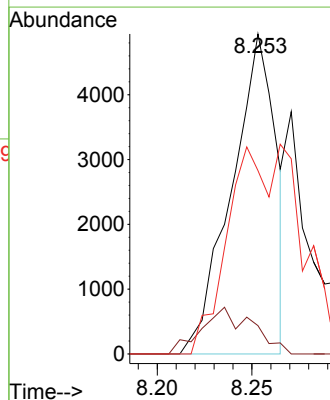
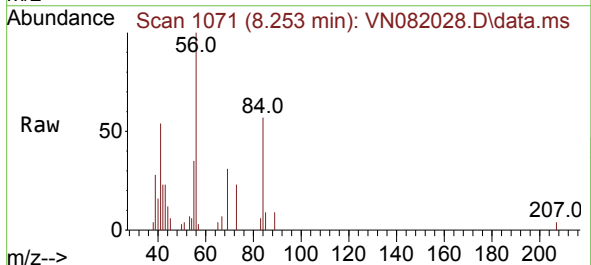
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024

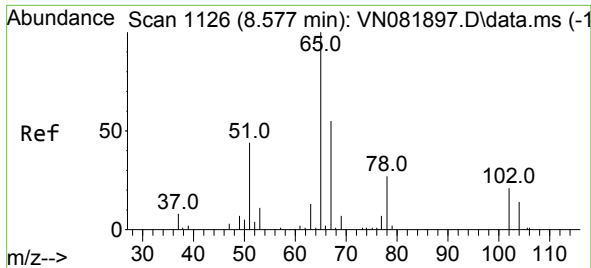
Tgt Ion: 83 Resp: 11428
Ion Ratio Lower Upper
83 100
85 57.5 50.9 76.3



#26
Cyclohexane
Concen: 2.242 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.012 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion: 56 Resp: 8063
Ion Ratio Lower Upper
56 100
89 5.9 19.3 28.9#
84 60.9 71.3 106.9#





#27

1,2-Dichloroethane-d4

Concen: 30.950 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

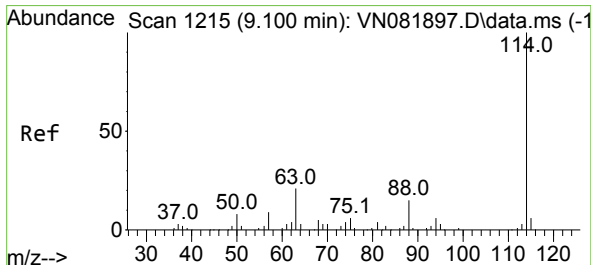
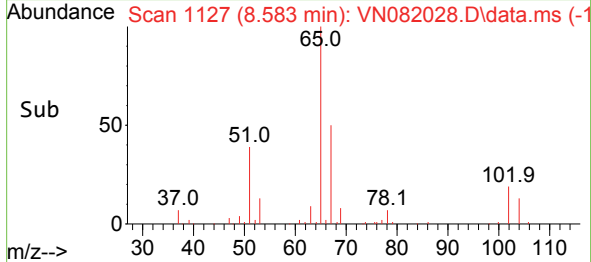
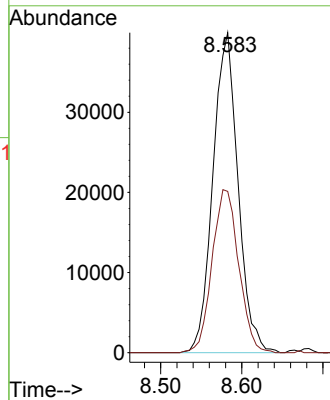
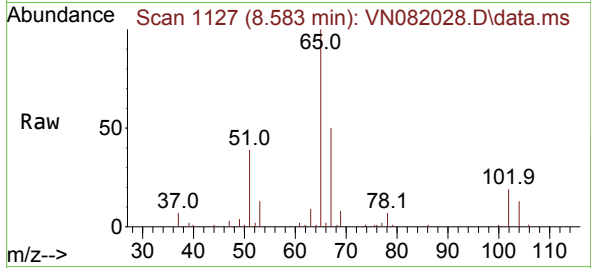
MDL-WATER-03-QT2-2024

Tgt Ion: 65 Resp: 85858

Ion Ratio Lower Upper

65 100

67 54.0 43.2 64.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

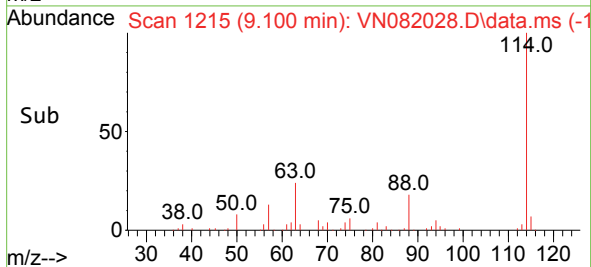
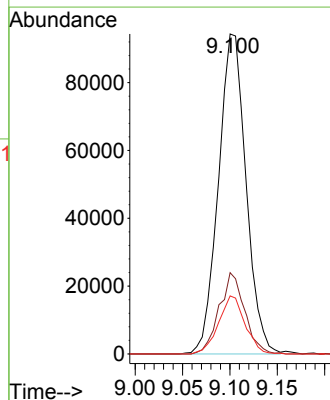
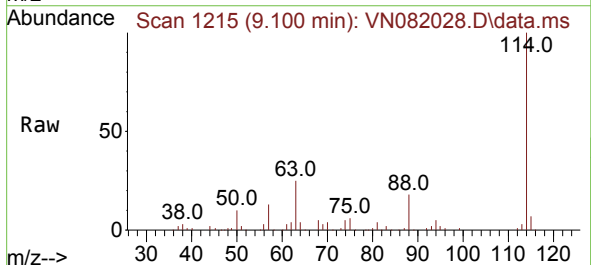
Tgt Ion: 114 Resp: 191749

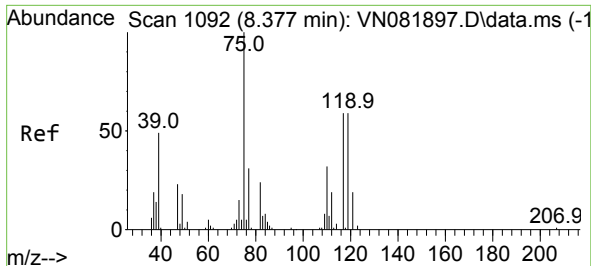
Ion Ratio Lower Upper

114 100

63 23.4 15.9 23.9

88 17.3 12.7 19.1

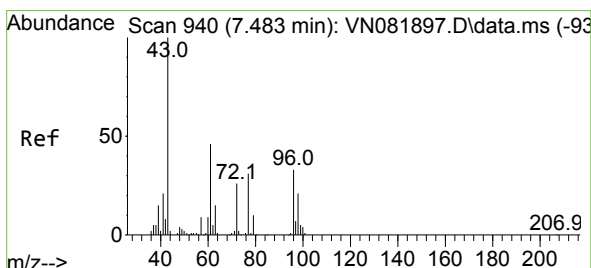
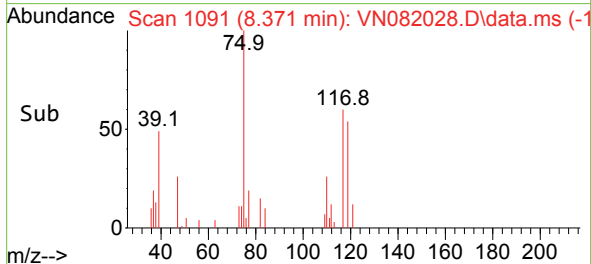
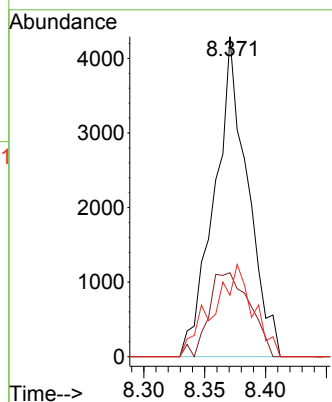
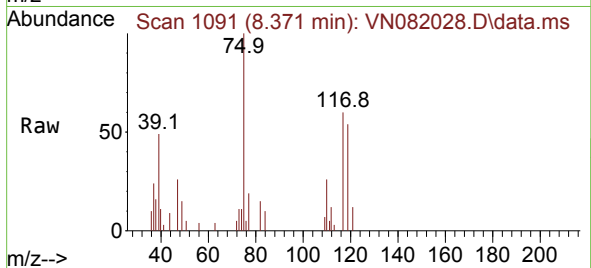




#29
1,1-Dichloropropene
Concen: 2.841 ug/l
RT: 8.371 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

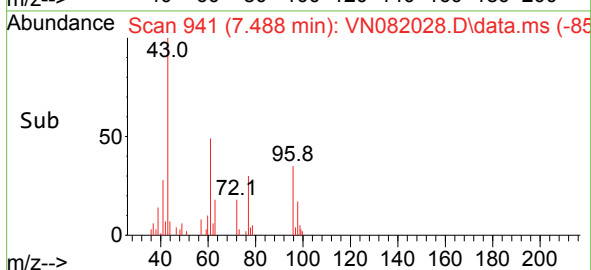
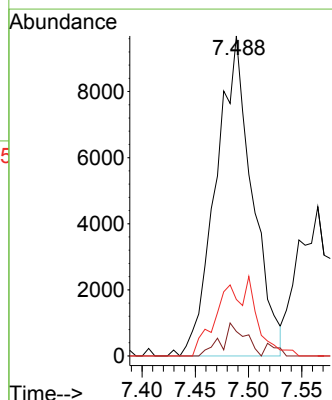
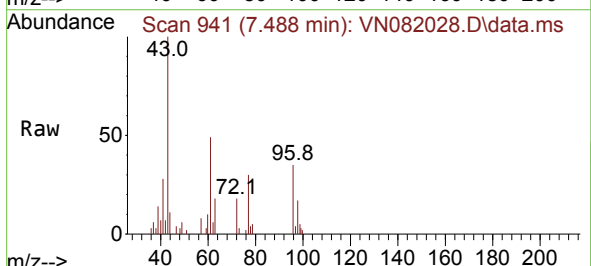
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

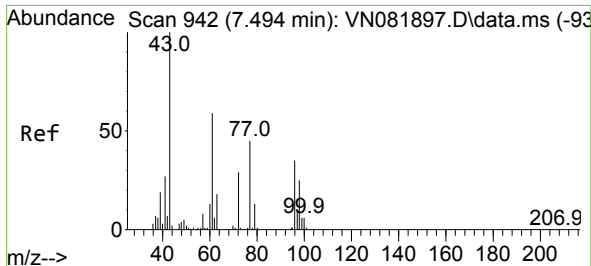
Tgt Ion	75	Resp	8109
Ion Ratio	100		
Lower			
Upper			
75	100		
110	32.0	0.0	70.2
77	27.4	0.0	61.4



#30
2-Butanone
Concen: 15.615 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion	43	Resp	22977
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
43	100		
57	4.9	6.7	10.1#
72	16.4	24.0	36.0#





#31

2,2-Dichloropropane

Concen: 1.802 ug/l

RT: 7.483 min Scan# 94

Delta R.T. -0.012 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

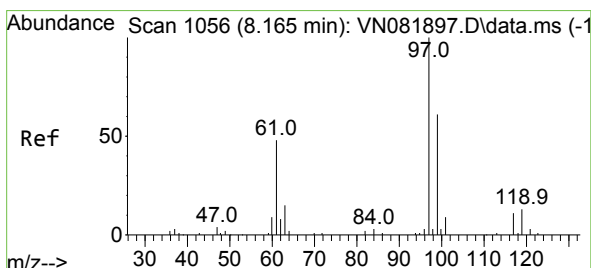
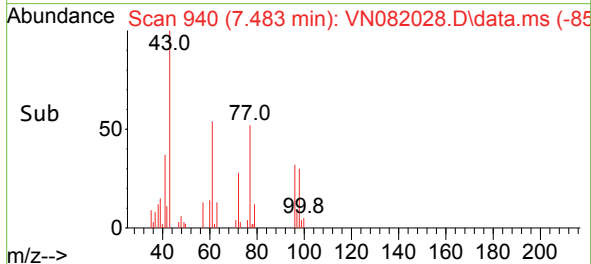
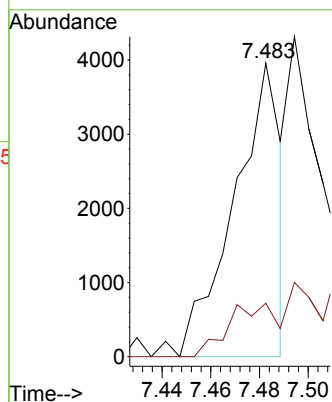
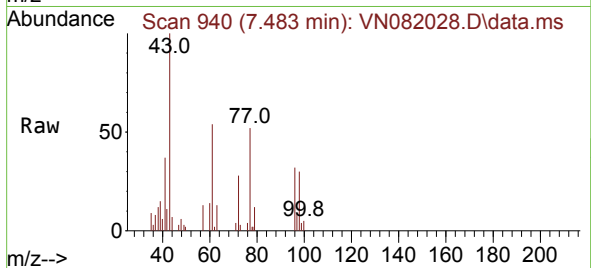
MDL-WATER-03-QT2-2024

Tgt Ion: 77 Resp: 5273

Ion Ratio Lower Upper

77 100

97 18.8 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 2.810 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.012 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

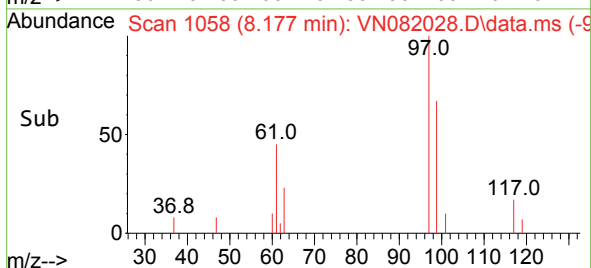
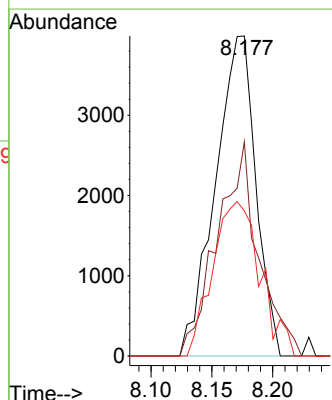
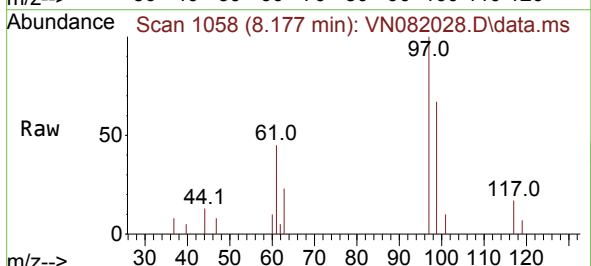
Tgt Ion: 97 Resp: 9227

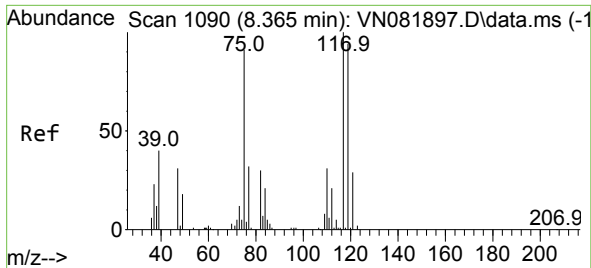
Ion Ratio Lower Upper

97 100

99 38.5 51.0 76.4#

61 53.8 33.8 50.8#

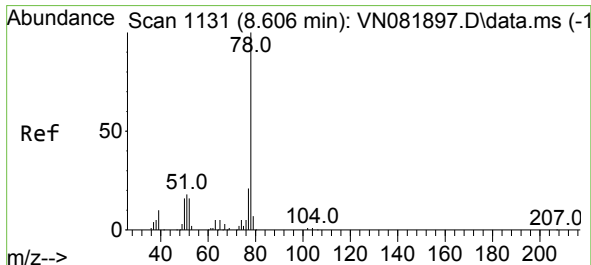
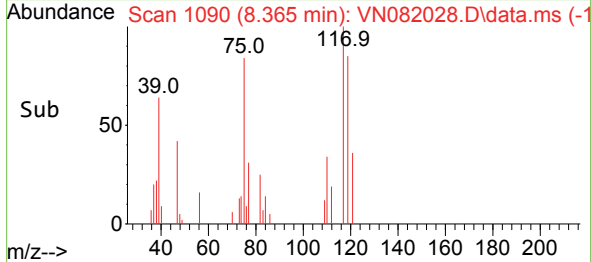
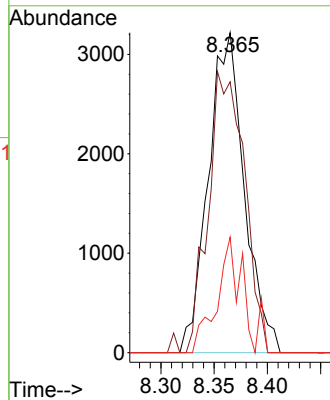
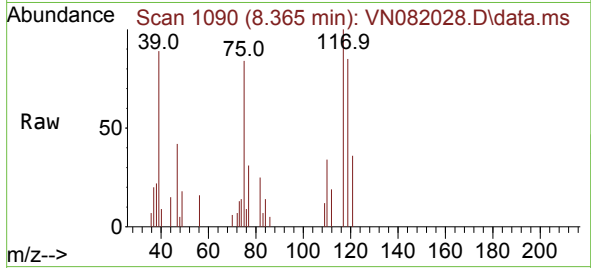




#33
Carbon Tetrachloride
Concen: 2.839 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

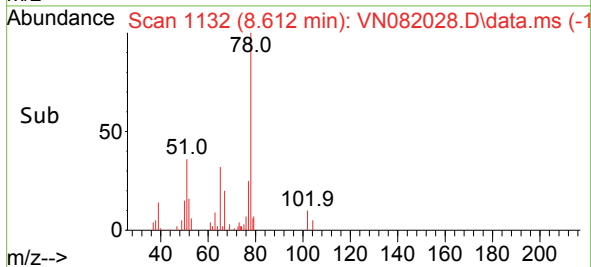
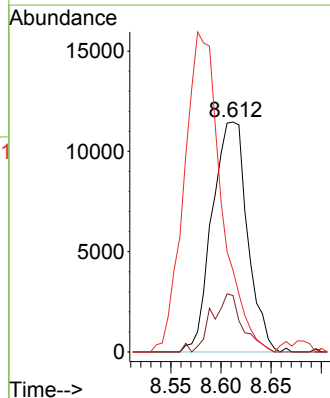
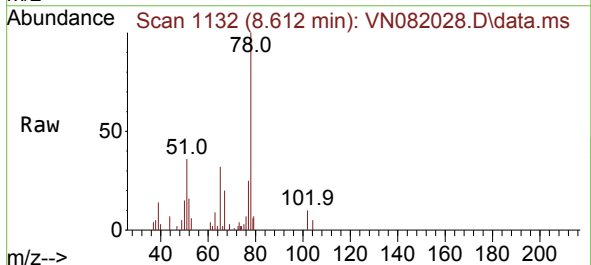
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024

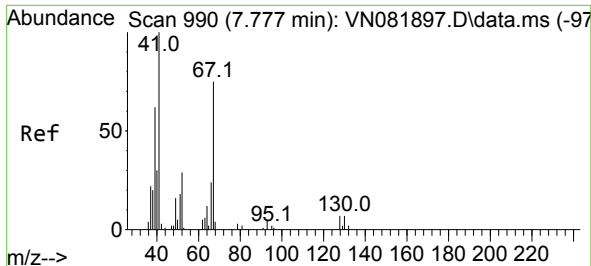
Tgt Ion:	117	Resp:	7564
Ion	Ratio	Lower	Upper
117	100		
119	84.6	77.7	116.5
121	36.1	27.0	40.6



#34
Benzene
Concen: 3.082 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion:	78	Resp:	28072
Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.2	28.8
51	32.8	13.3	19.9

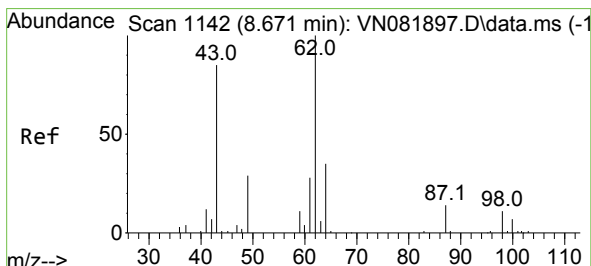
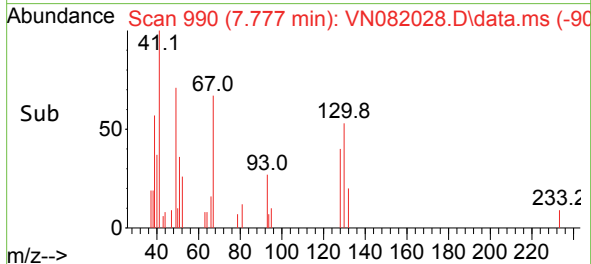
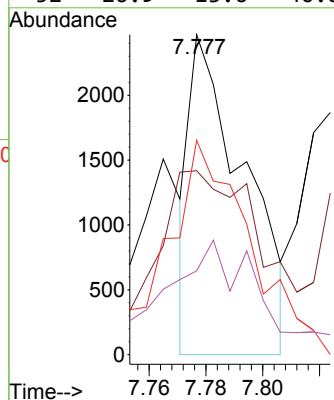
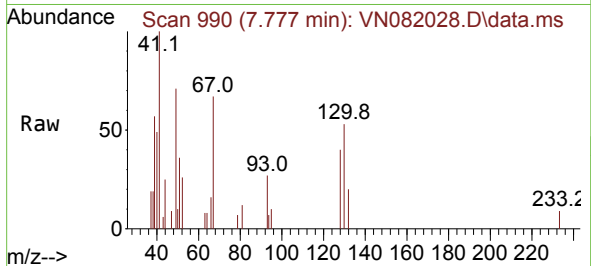




#35
Methacrylonitrile
Concen: 1.773 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

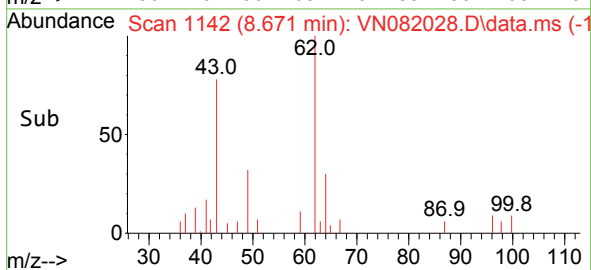
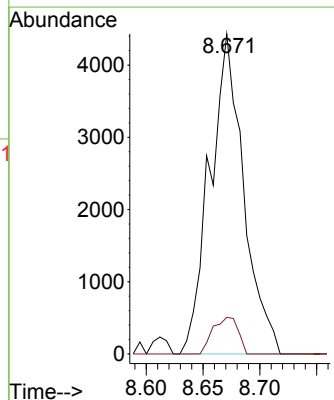
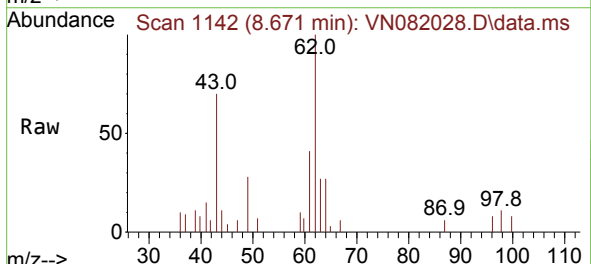
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

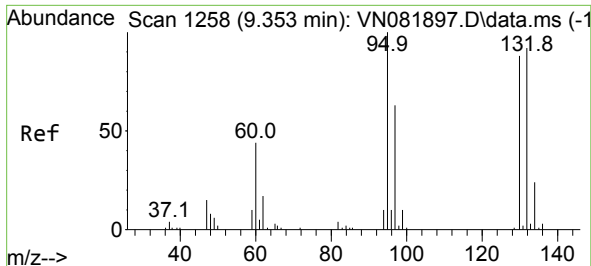
Tgt Ion:	41	Resp:	3300
Ion	Ratio	Lower	Upper
41	100		
39	40.0	25.3	75.9
67	61.2	38.7	116.1
52	26.9	13.6	40.8



#36
1,2-Dichloroethane
Concen: 3.000 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion:	62	Resp:	9171
Ion	Ratio	Lower	Upper
62	100		
98	8.5	8.2	12.4





#37

Trichloroethene

Concen: 2.557 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

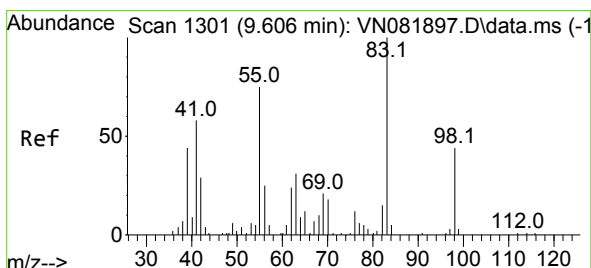
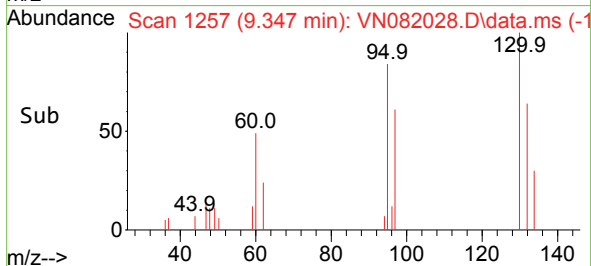
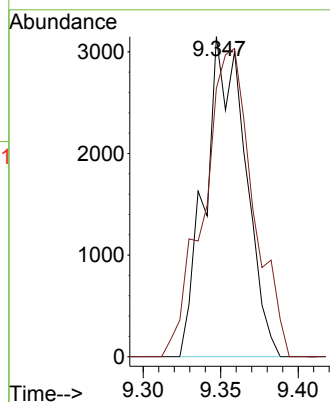
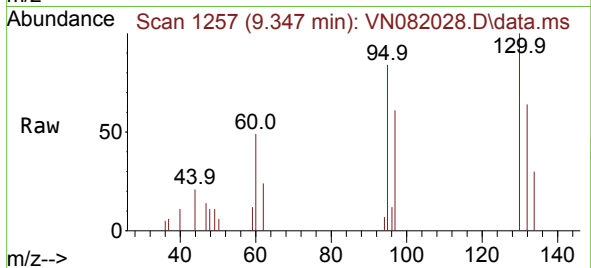
MDL-WATER-03-QT2-2024

Tgt Ion:130 Resp: 5703

Ion Ratio Lower Upper

130 100

95 72.4 80.2 120.4#



#38

Methylcyclohexane

Concen: 2.915 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.006 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

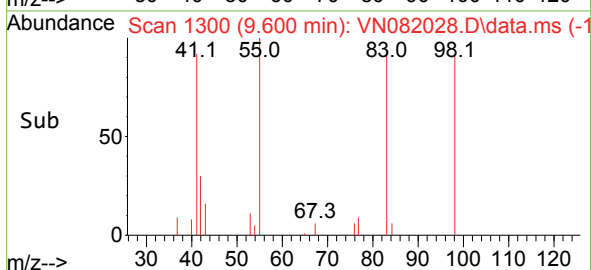
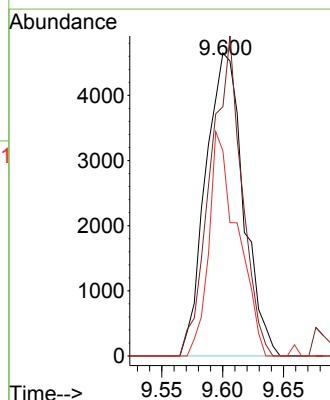
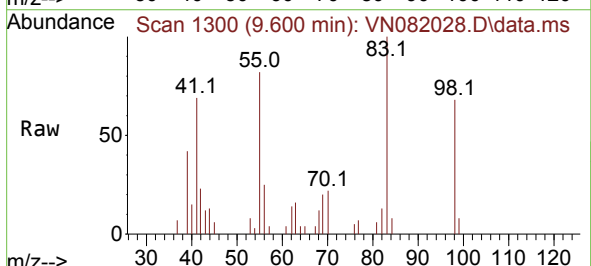
Tgt Ion: 83 Resp: 10051

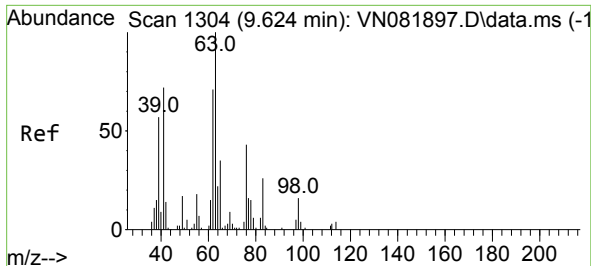
Ion Ratio Lower Upper

83 100

55 87.9 36.6 109.9

98 56.2 23.8 71.5

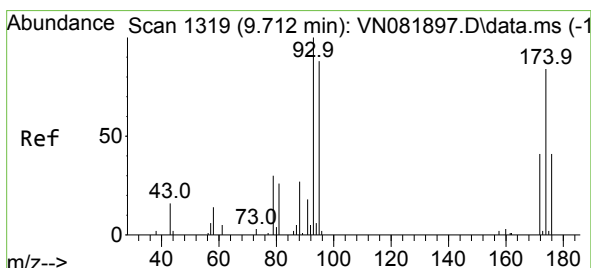
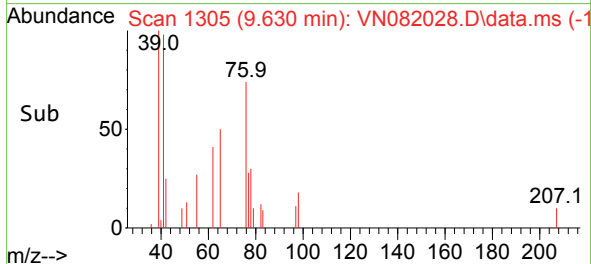
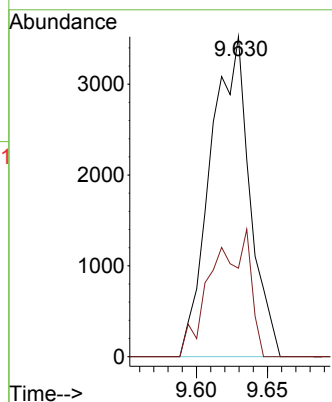
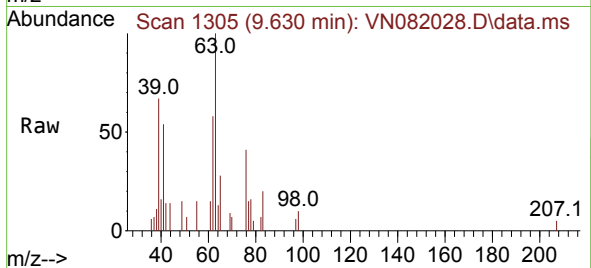




#39
1,2-Dichloropropane
Concen: 2.899 ug/l
RT: 9.630 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

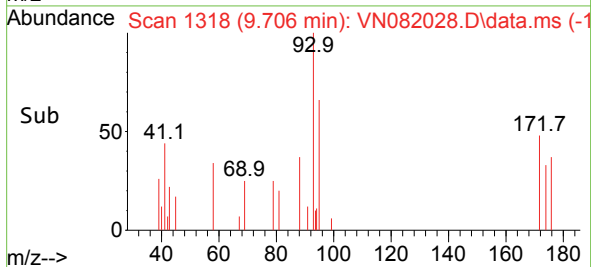
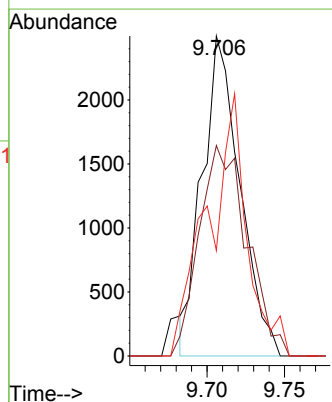
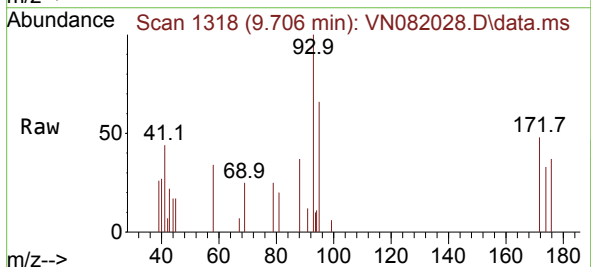
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

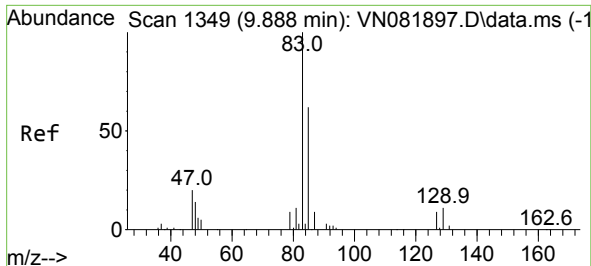
Tgt Ion: 63 Resp: 6775
Ion Ratio Lower Upper
63 100
65 27.6 25.0 37.4



#40
Dibromomethane
Concen: 2.818 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion: 93 Resp: 4231
Ion Ratio Lower Upper
93 100
95 83.6 0.0 164.6
174 34.0 0.0 193.2

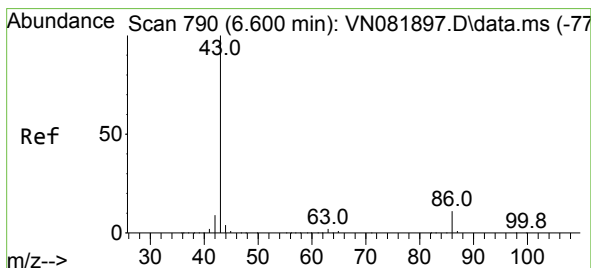
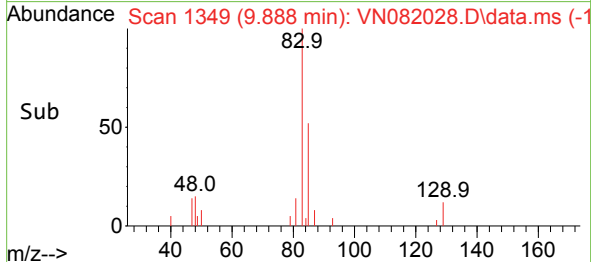
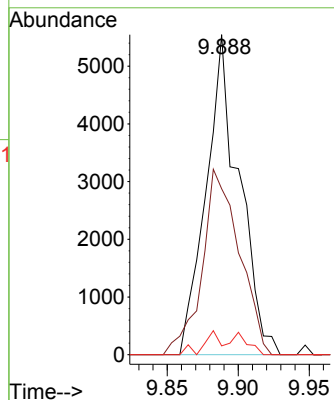
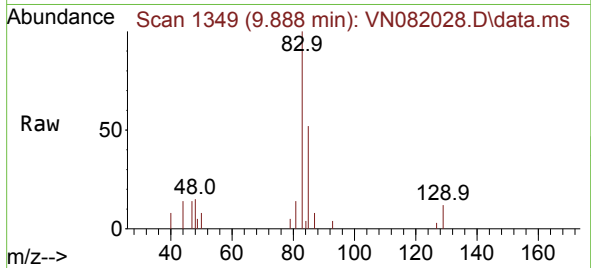




#41
Bromodichloromethane
Concen: 2.797 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

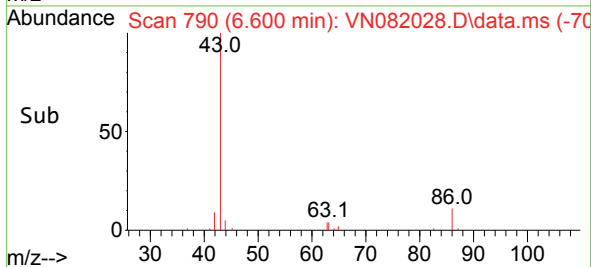
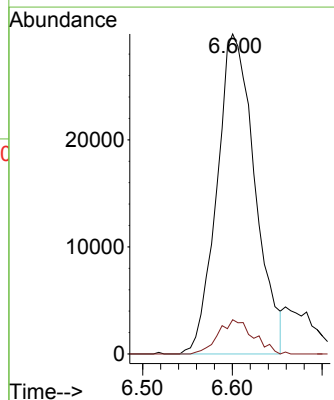
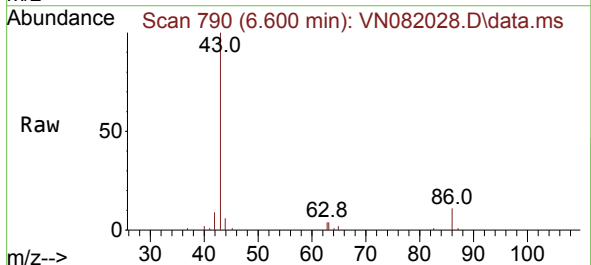
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

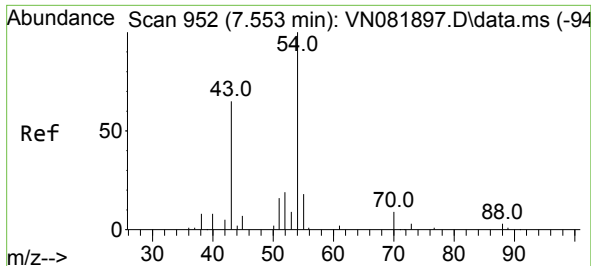
Tgt Ion: 83 Resp: 8974
Ion Ratio Lower Upper
83 100
85 51.9 49.4 74.2
127 2.8 7.3 10.9#



#42
Vinyl Acetate
Concen: 14.028 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion: 43 Resp: 87863
Ion Ratio Lower Upper
43 100
86 8.4 9.4 14.2#

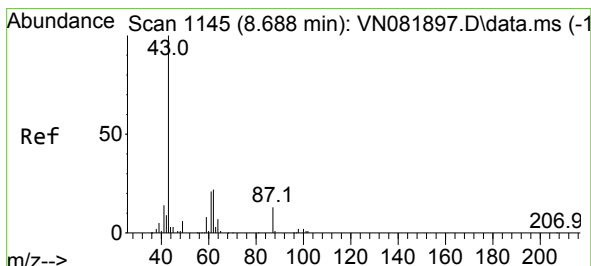
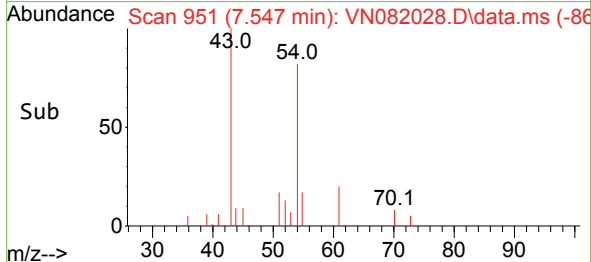
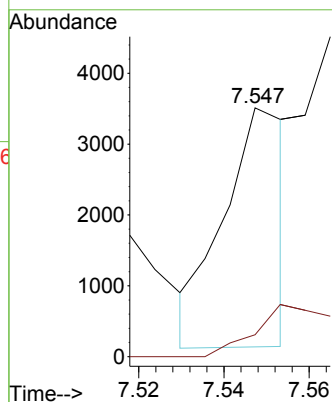
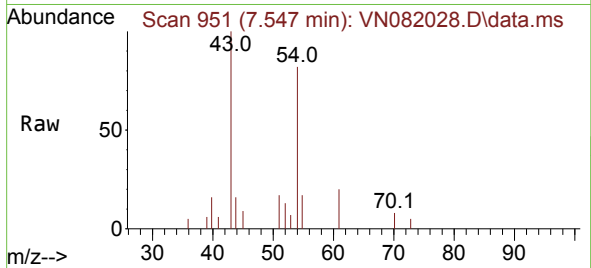




#43
Ethyl Acetate
Concen: 1.085 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

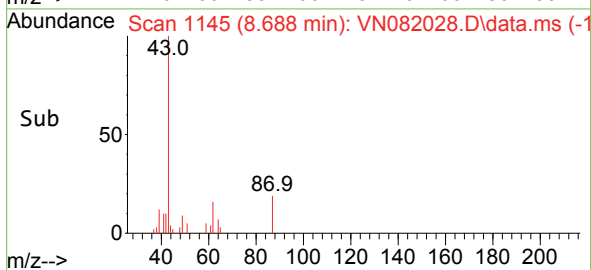
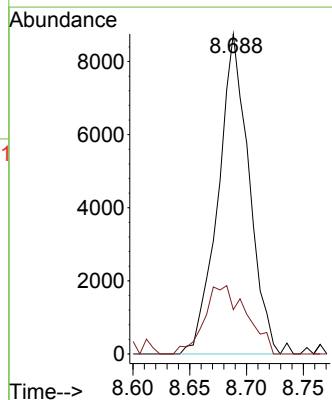
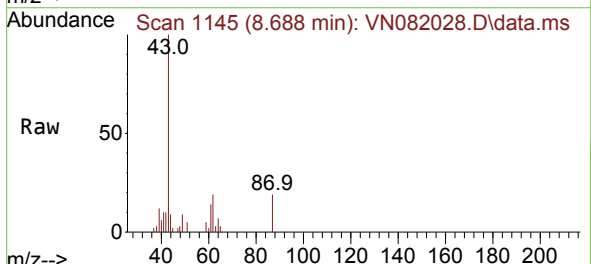
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

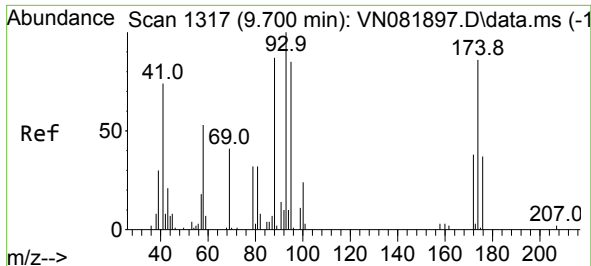
Tgt Ion: 43 Resp: 3481
Ion Ratio Lower Upper
43 100
45 25.0 10.6 15.8#



#44
Isopropyl Acetate
Concen: 2.904 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion: 43 Resp: 16539
Ion Ratio Lower Upper
43 100
61 19.6 25.0 37.4#





#45

1,4-Dioxane

Concen: 34.173 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

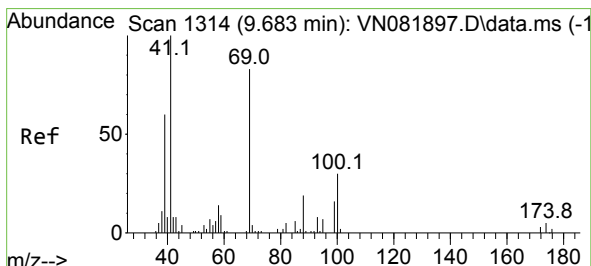
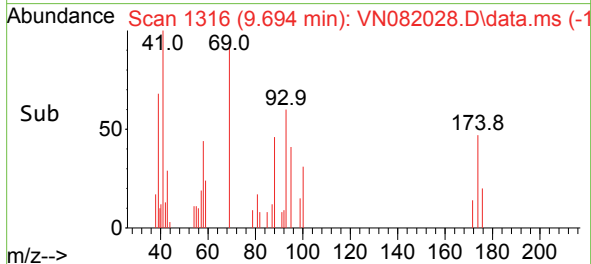
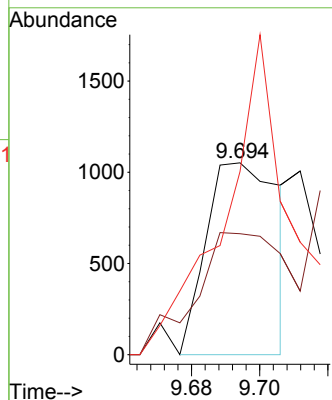
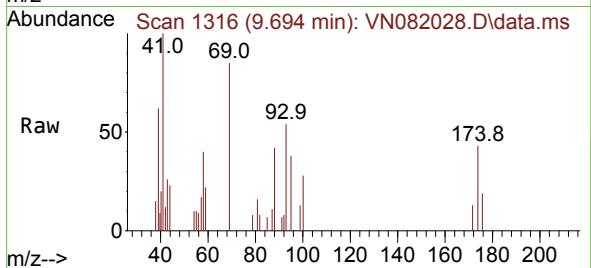
Tgt Ion: 88 Resp: 1561

Ion Ratio Lower Upper

88 100

43 81.4 19.8 29.6#

58 149.3 55.4 83.0#



#46

Methyl methacrylate

Concen: 3.040 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.006 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

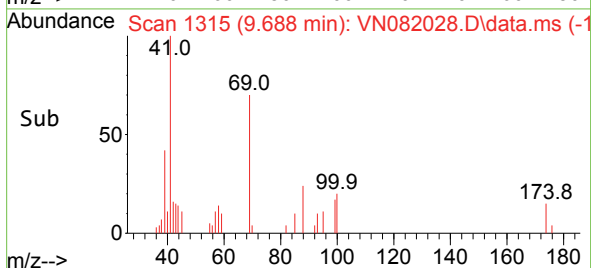
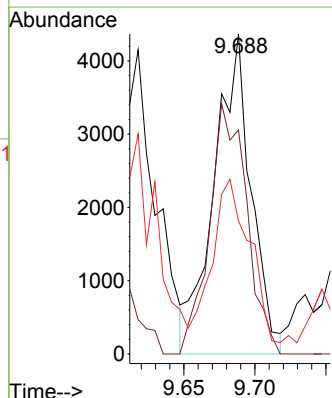
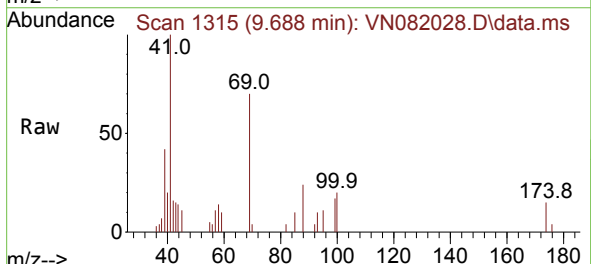
Tgt Ion: 41 Resp: 7911

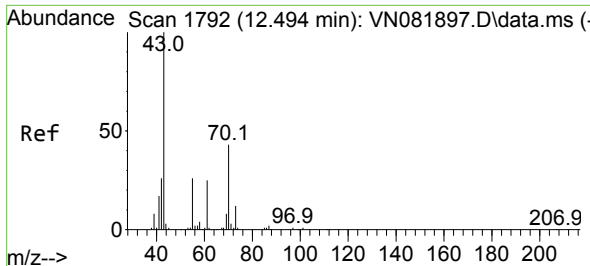
Ion Ratio Lower Upper

41 100

69 74.8 51.1 153.3

39 40.7 25.8 77.3

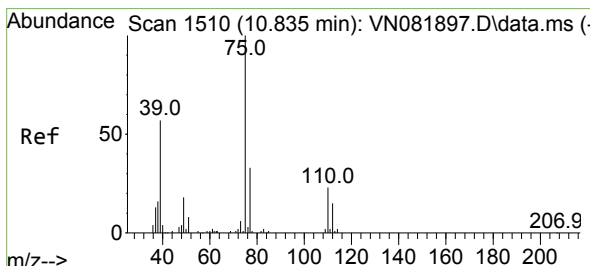
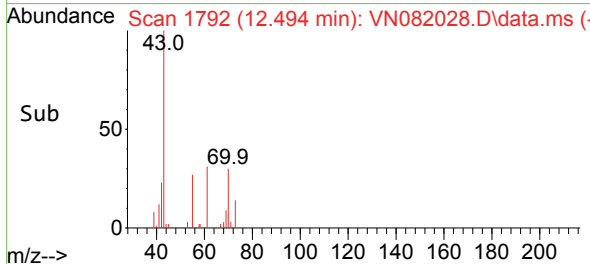
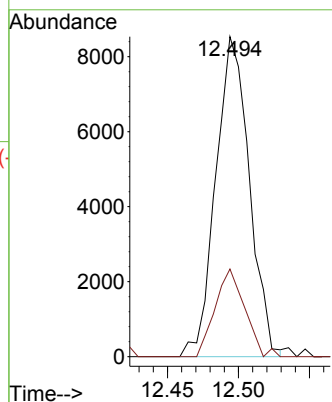
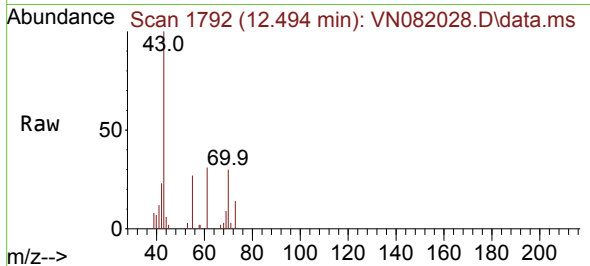




#47
n-amyl acetate
Concen: 2.732 ug/l
RT: 12.494 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

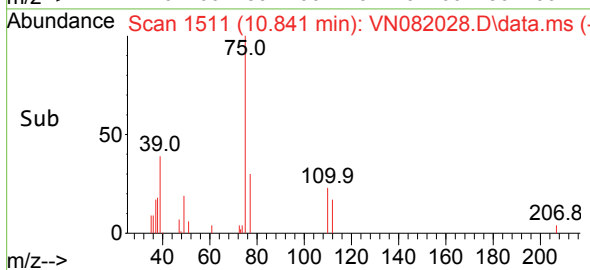
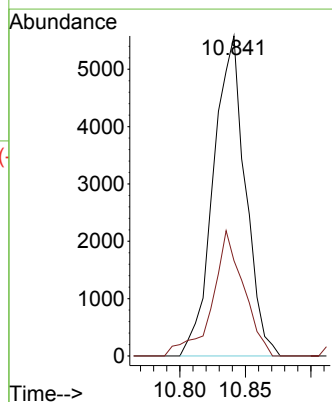
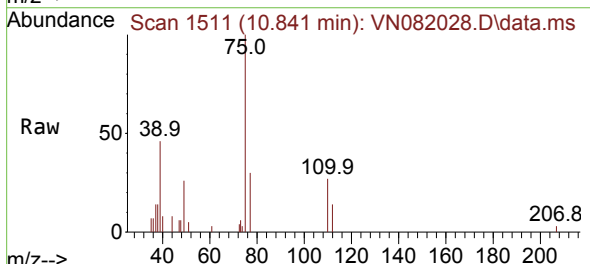
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

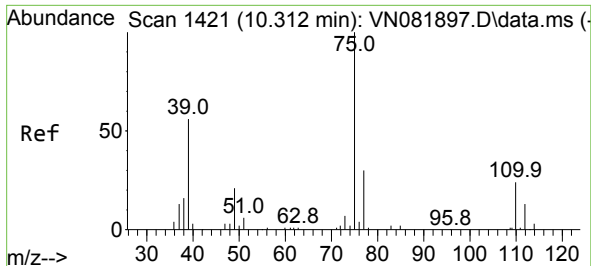
Tgt Ion: 43 Resp: 14037
Ion Ratio Lower Upper
43 100
55 23.7 23.4 35.2



#48
t-1,3-Dichloropropene
Concen: 2.719 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion: 75 Resp: 9461
Ion Ratio Lower Upper
75 100
77 29.8 23.8 35.6

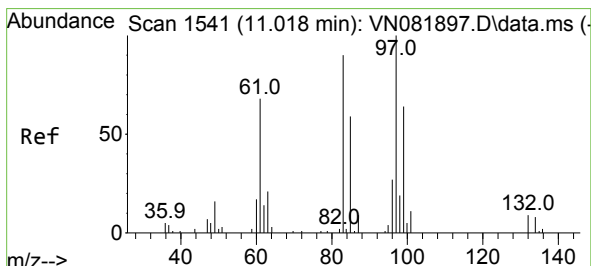
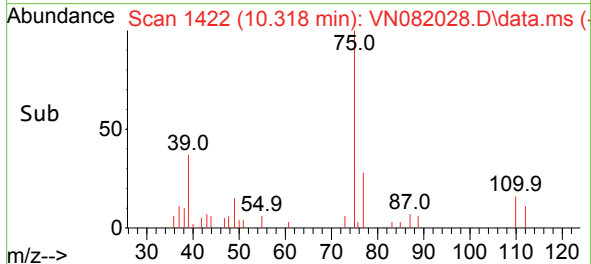
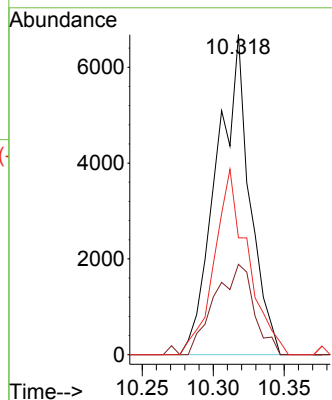
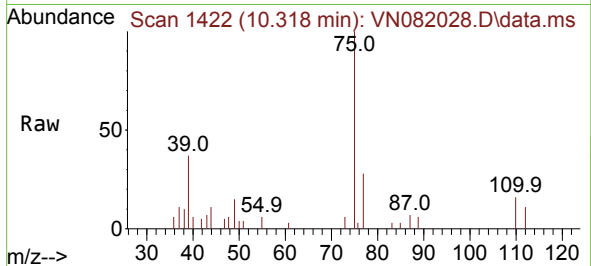




#49
cis-1,3-Dichloropropene
Concen: 2.943 ug/l
RT: 10.318 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

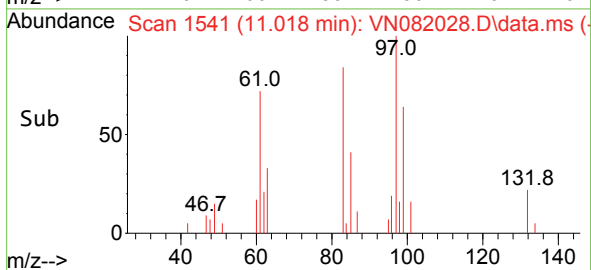
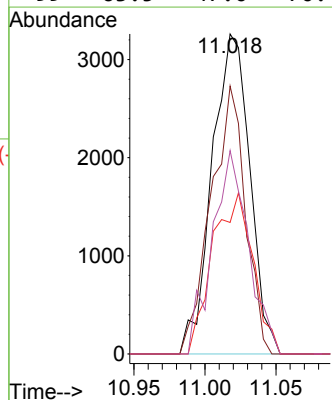
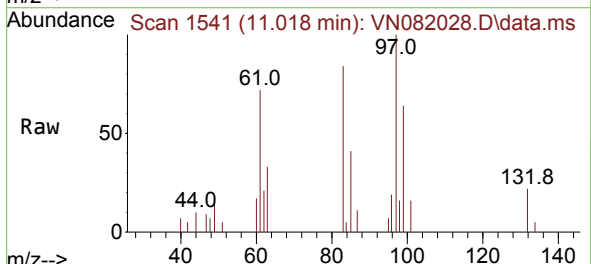
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

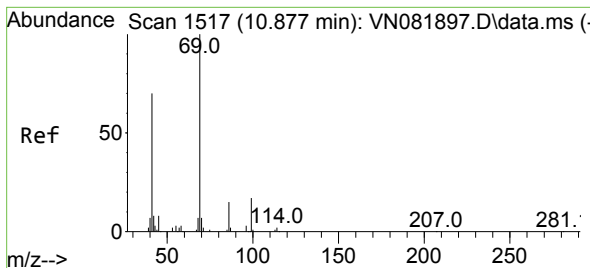
Tgt Ion: 75 Resp: 10828
Ion Ratio Lower Upper
75 100
77 27.4 24.9 37.3
39 35.4 31.0 46.6



#50
1,1,2-Trichloroethane
Concen: 2.963 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion: 97 Resp: 6035
Ion Ratio Lower Upper
97 100
83 83.7 68.1 102.1
85 41.1 41.8 62.6#
99 63.5 47.0 70.4





#51

Ethyl methacrylate

Concen: 2.618 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

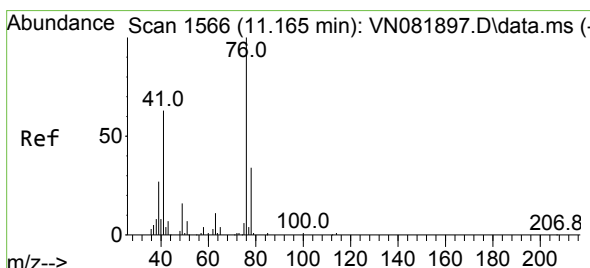
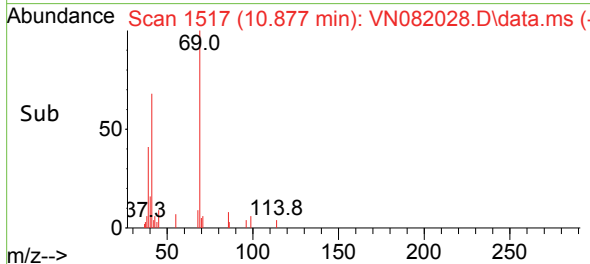
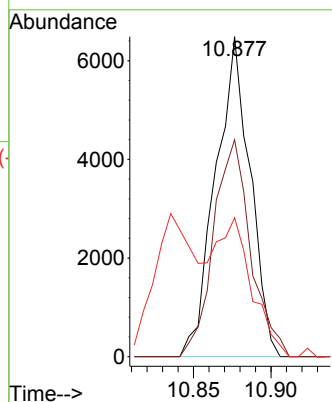
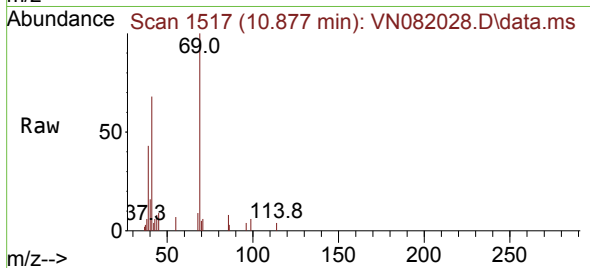
Tgt Ion: 69 Resp: 10062

Ion Ratio Lower Upper

69 100

41 67.8 25.5 76.5

39 39.9 16.0 47.9



#52

1,3-Dichloropropane

Concen: 3.055 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.006 min

Lab File: VN082028.D

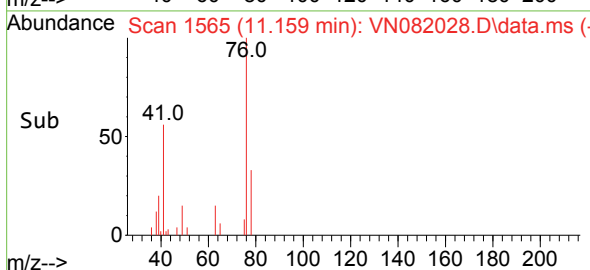
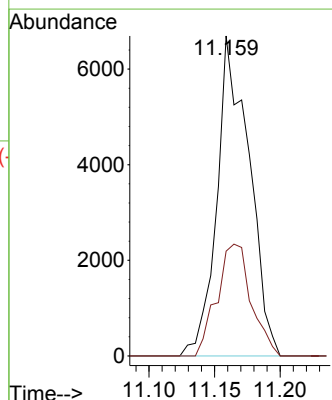
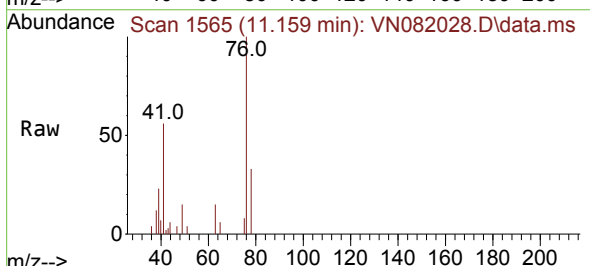
Acq: 08 May 2024 11:57

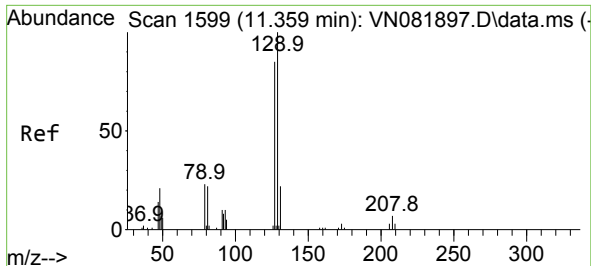
Tgt Ion: 76 Resp: 11432

Ion Ratio Lower Upper

76 100

78 37.1 0.0 65.8

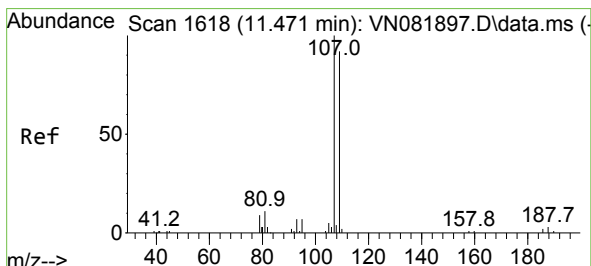
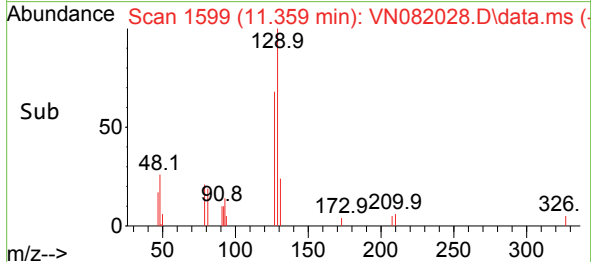
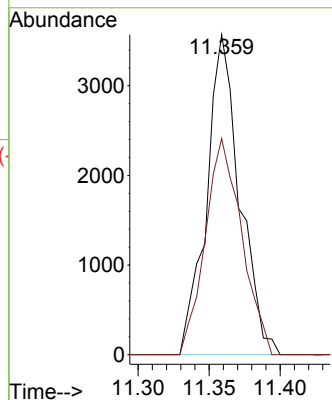
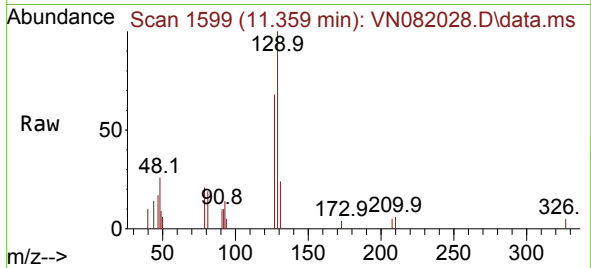




#53
Dibromochloromethane
Concen: 2.616 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

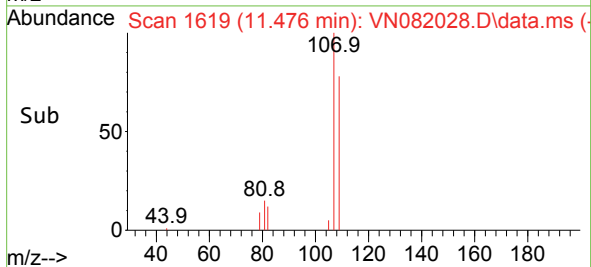
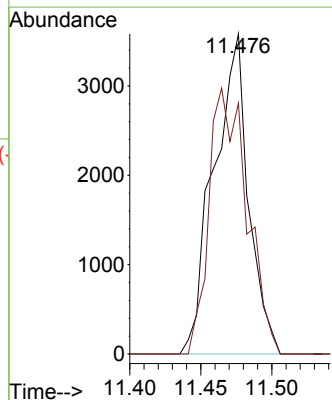
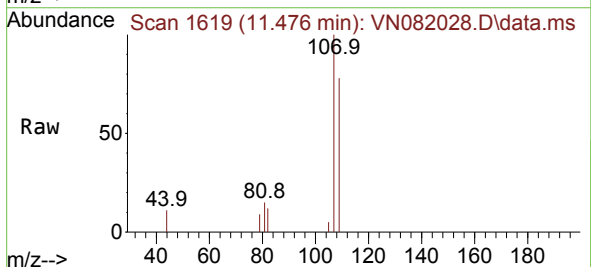
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

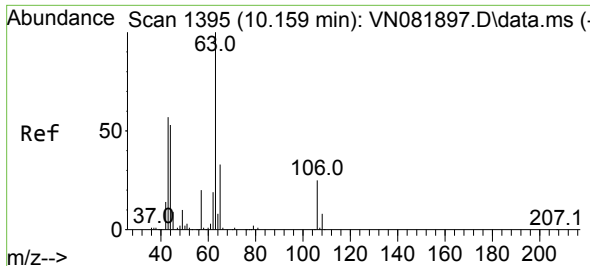
Tgt Ion:129 Resp: 5797
Ion Ratio Lower Upper
129 100
127 74.2 39.4 118.1



#54
1,2-Dibromoethane
Concen: 2.988 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion:107 Resp: 6070
Ion Ratio Lower Upper
107 100
109 90.8 74.7 112.1

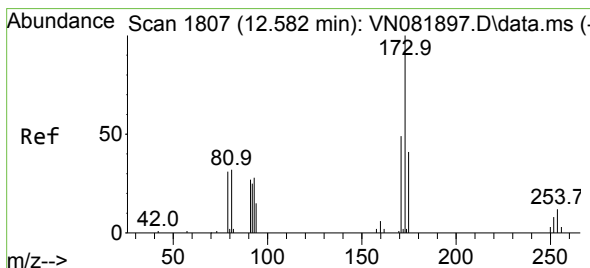
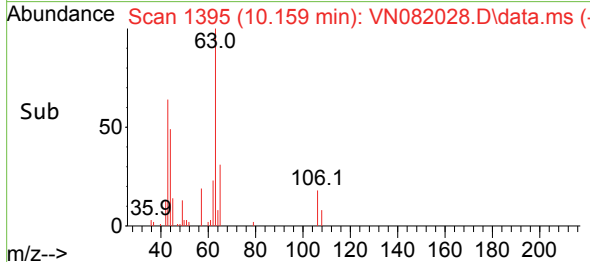
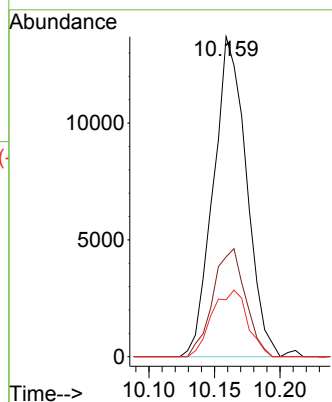
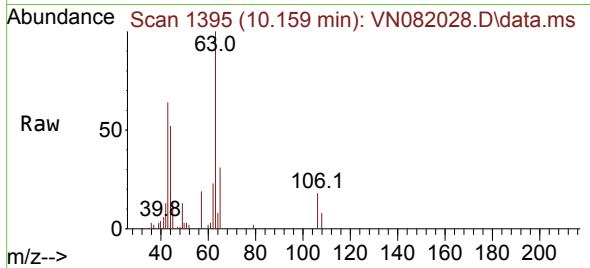




#55
2-Chloroethyl vinyl ether
Concen: 12.470 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

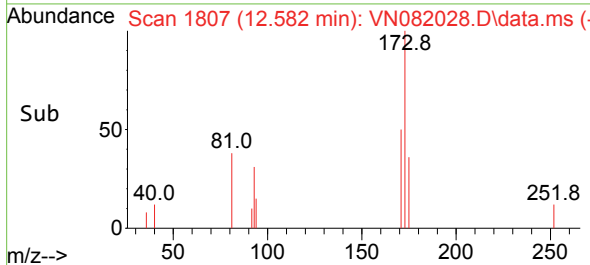
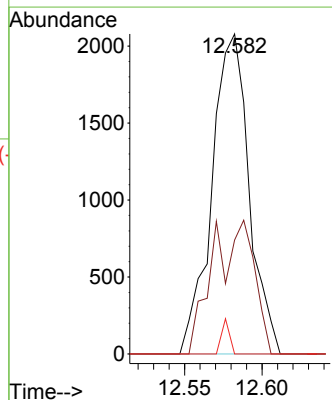
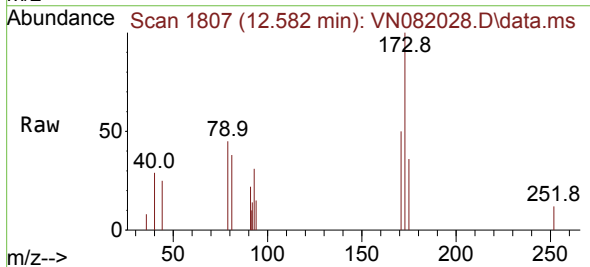
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

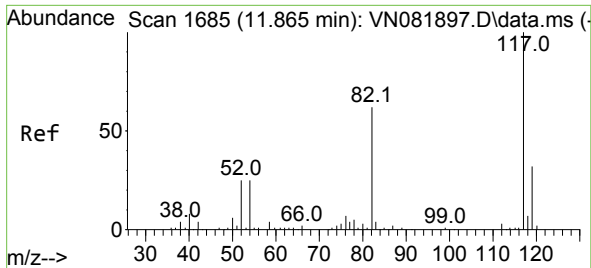
Tgt Ion: 63 Resp: 23969
Ion Ratio Lower Upper
63 100
65 33.3 26.2 39.2
106 22.3 23.8 35.8#



#56
Bromoform
Concen: 2.583 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion: 173 Resp: 3483
Ion Ratio Lower Upper
173 100
175 25.5 40.0 60.0#
254 0.0 8.3 12.5#

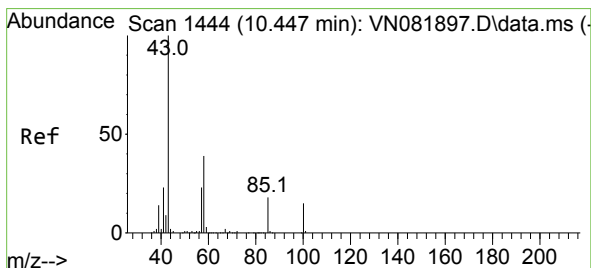
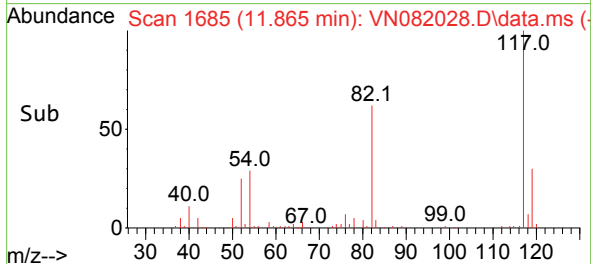
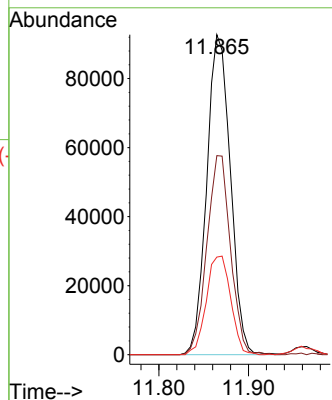
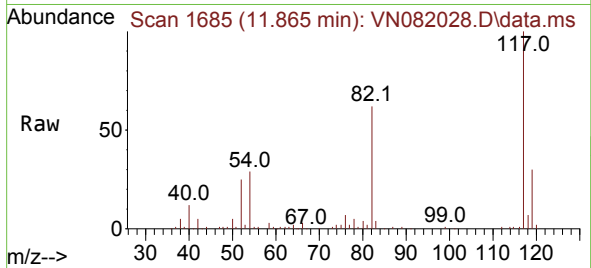




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

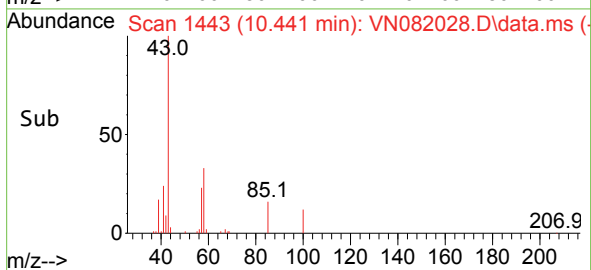
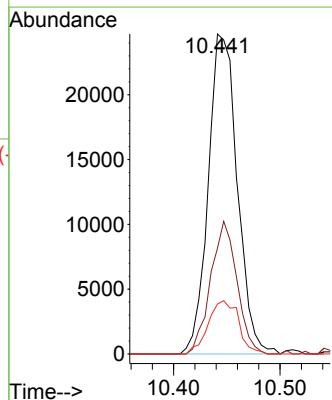
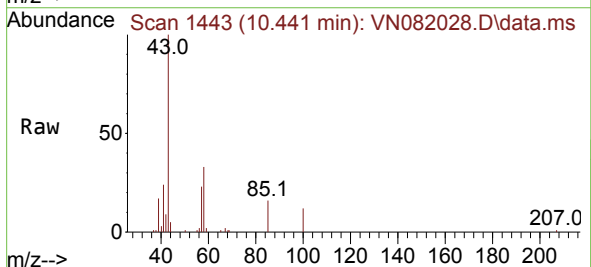
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

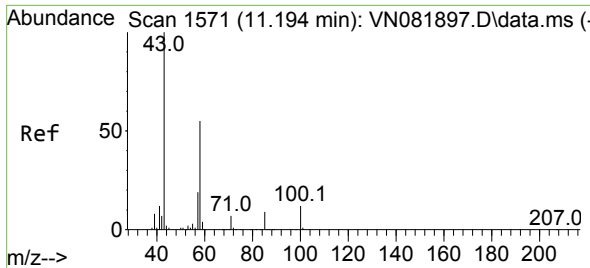
Tgt	Ion:117	Resp:	169643
Ion	Ratio	Lower	Upper
117	100		
82	61.8	46.6	69.8
119	31.7	25.4	38.2



#58
4-Methyl-2-Pentanone
Concen: 14.211 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion: 43	Resp: 46811		
Ion Ratio	Lower	Upper	
43 100			
58 37.6	36.5	54.7	
85 17.5	19.5	29.3#	

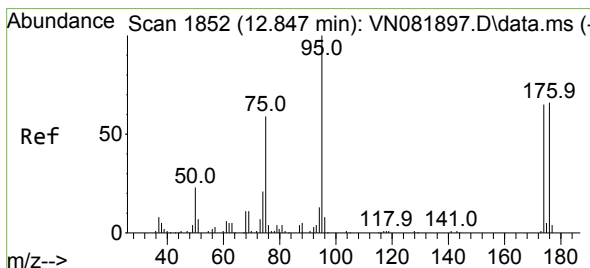
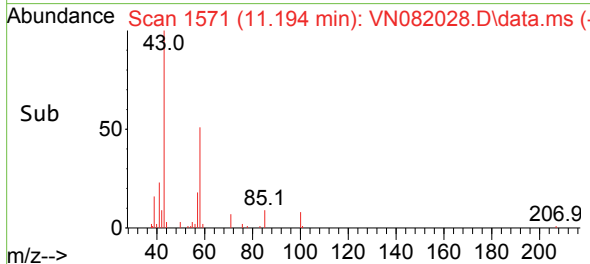
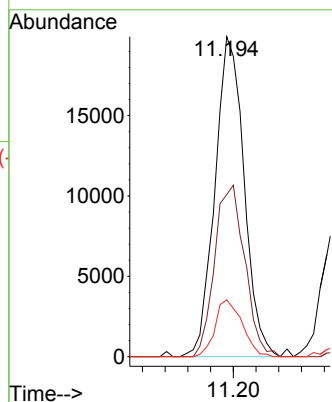
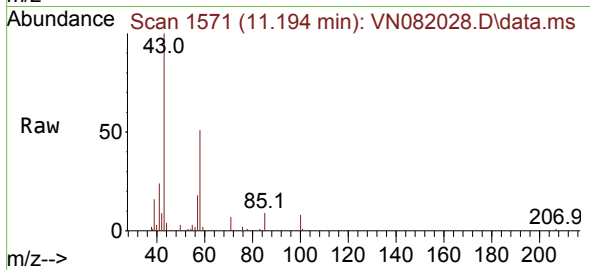




#59
2-Hexanone
Concen: 14.502 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

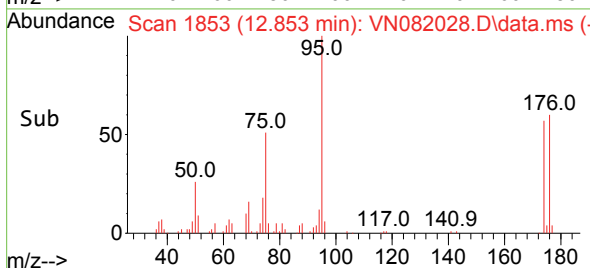
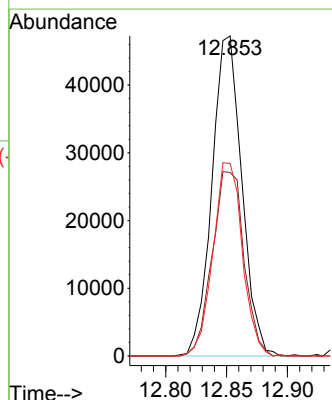
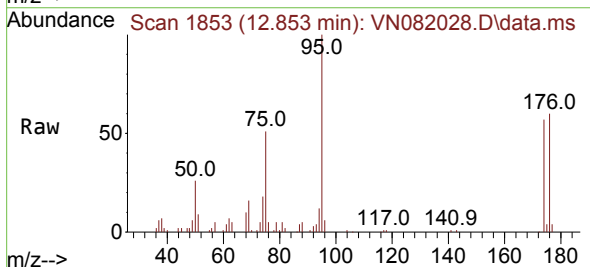
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

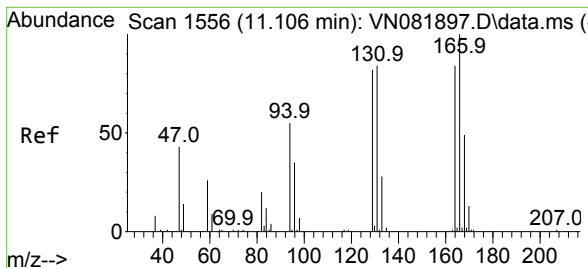
Tgt Ion: 43 Resp: 35419
Ion Ratio Lower Upper
43 100
58 55.3 50.4 75.6
57 16.6 18.6 27.8#



#60
4-Bromofluorobenzene
Concen: 28.516 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion: 95 Resp: 80506
Ion Ratio Lower Upper
95 100
174 61.2 60.5 90.7
176 59.6 57.8 86.6





#61

Tetrachloroethene

Concen: 2.583 ug/l

RT: 11.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082028.D

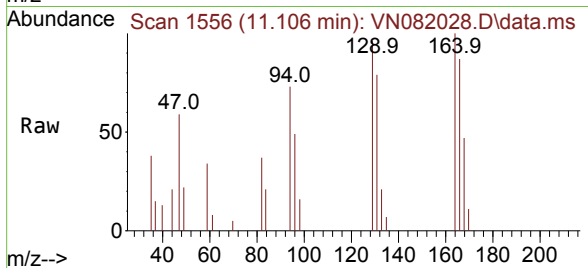
Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024



Tgt Ion:164 Resp: 4862

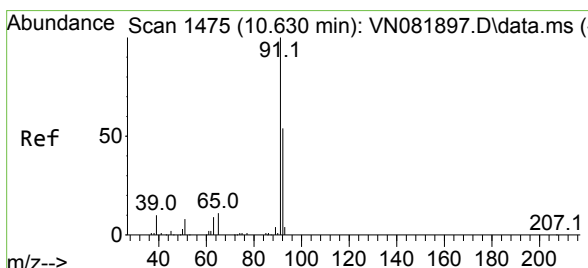
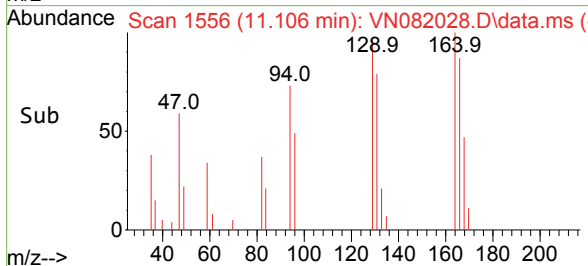
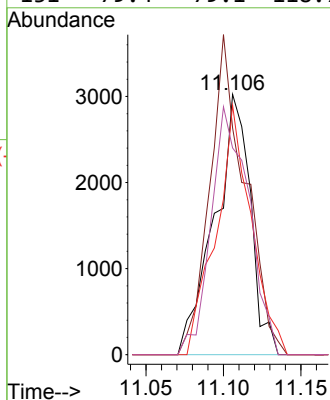
Ion Ratio Lower Upper

164 100

166 87.1 106.7 160.1#

129 95.8 85.8 128.6

131 79.4 79.1 118.7



#62

Toluene

Concen: 2.893 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN082028.D

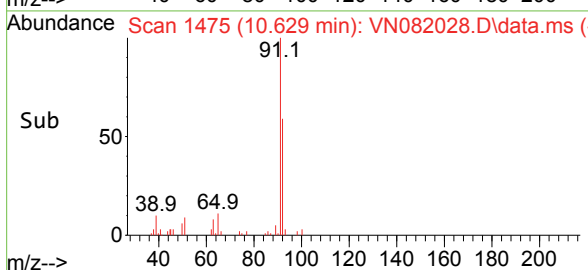
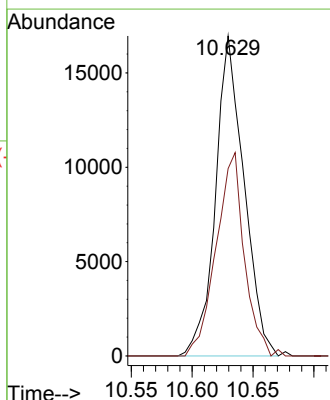
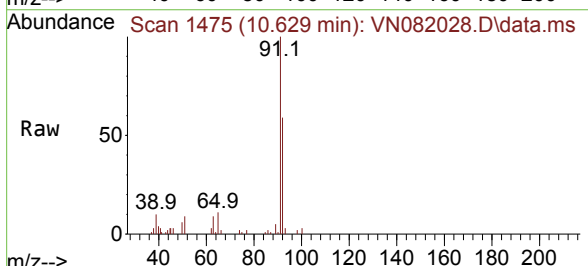
Acq: 08 May 2024 11:57

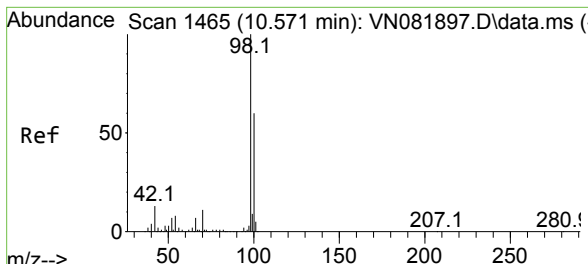
Tgt Ion: 91 Resp: 27611

Ion Ratio Lower Upper

91 100

92 62.6 46.5 69.7

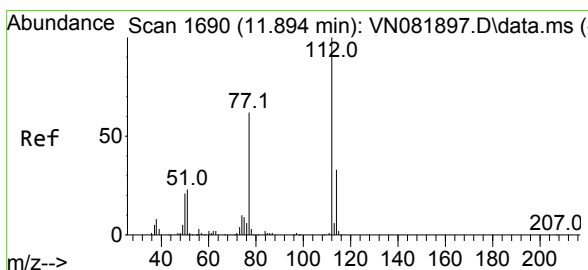
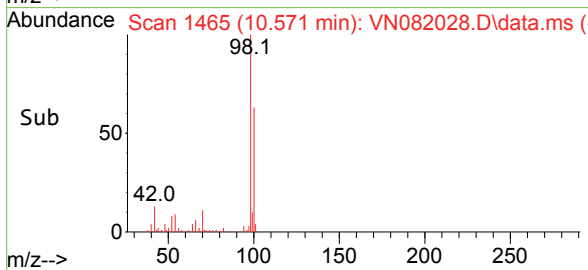
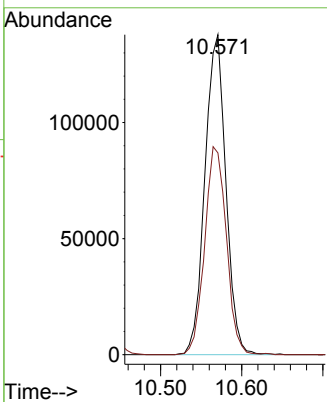
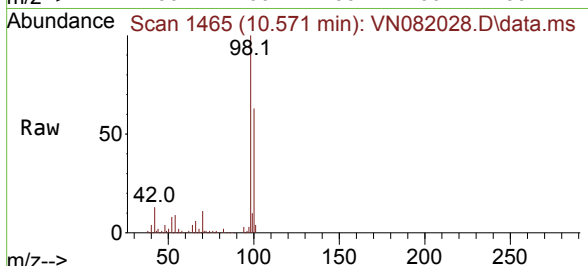




#63
Toluene-d8
Concen: 30.670 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

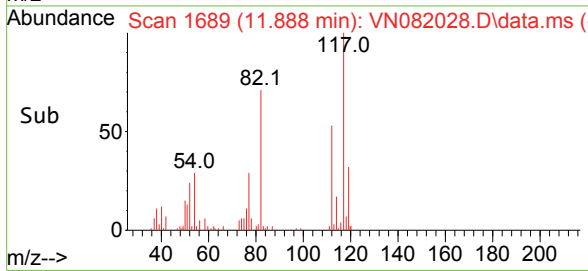
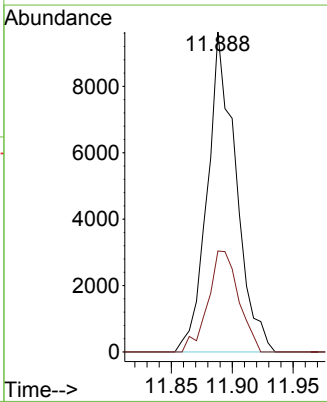
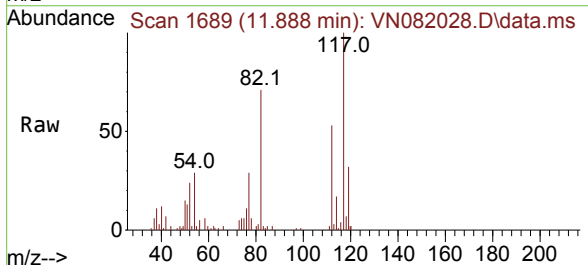
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2024

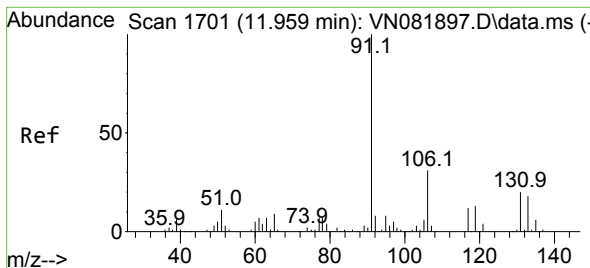
Tgt Ion:	98	Resp:	247091
Ion Ratio	Lower	Upper	
98	100		
100	67.3	52.7	79.1



#64
Chlorobenzene
Concen: 2.689 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion:	112	Resp:	15699
Ion Ratio	Lower	Upper	
112	100		
114	31.5	26.6	39.8





#65

1,1,1,2-Tetrachloroethane

Concen: 2.465 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

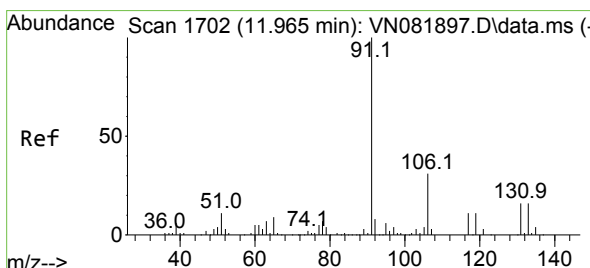
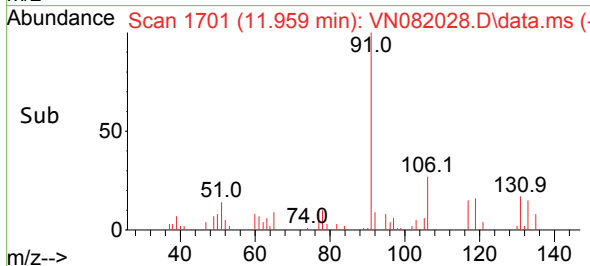
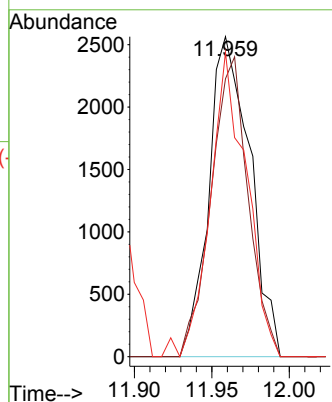
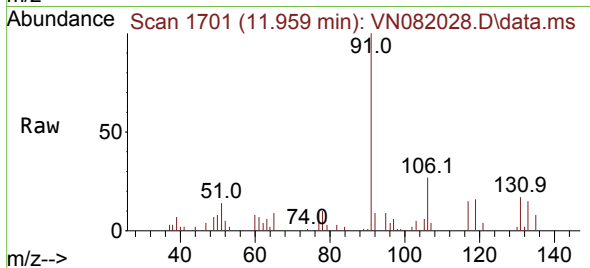
Tgt Ion:131 Resp: 4711

Ion Ratio Lower Upper

131 100

133 84.6 0.0 188.0

119 82.8 0.0 122.8



#66

Ethyl Benzene

Concen: 2.707 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN082028.D

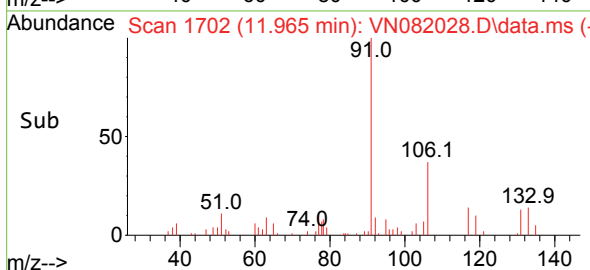
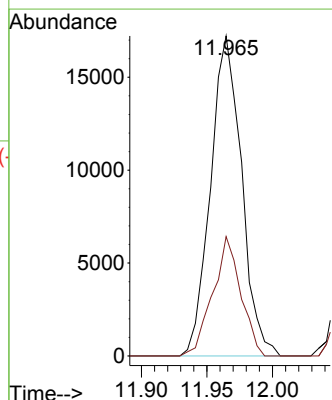
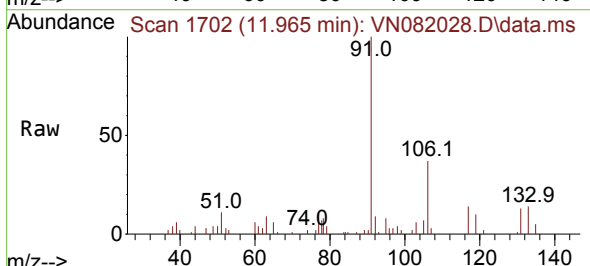
Acq: 08 May 2024 11:57

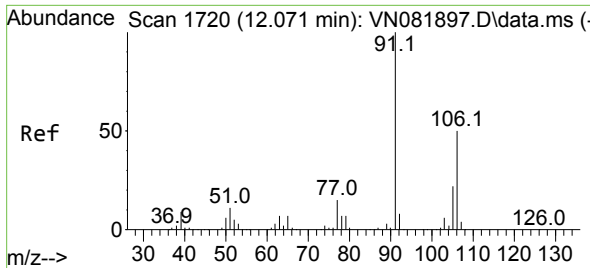
Tgt Ion: 91 Resp: 28325

Ion Ratio Lower Upper

91 100

106 37.3 24.4 36.6#

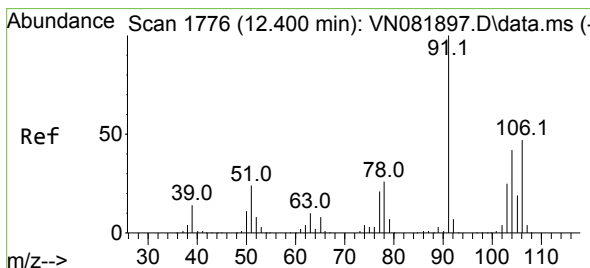
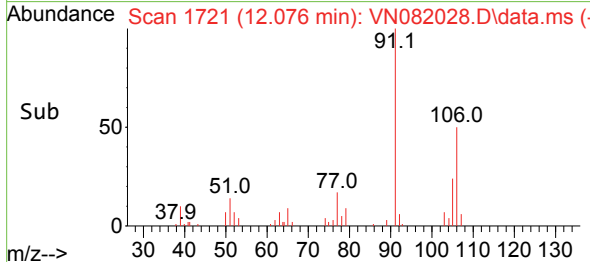
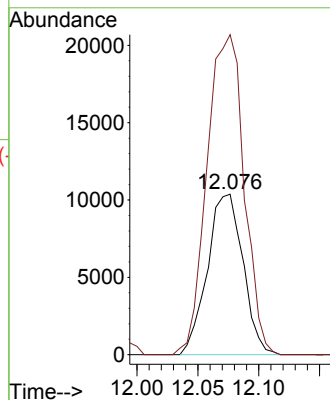
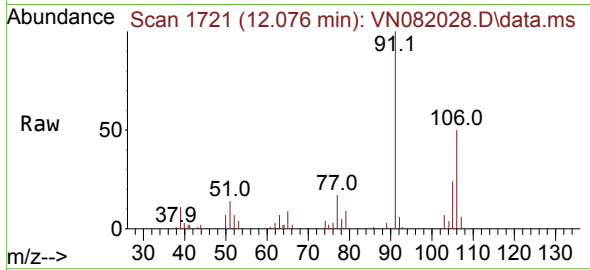




#67
m/p-Xylenes
Concen: 5.431 ug/l
RT: 12.076 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

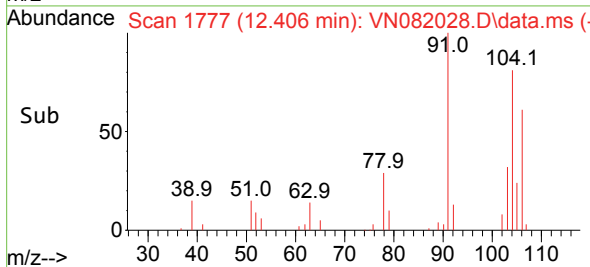
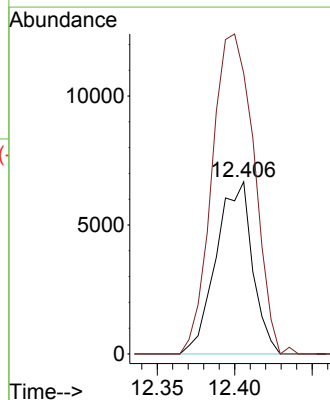
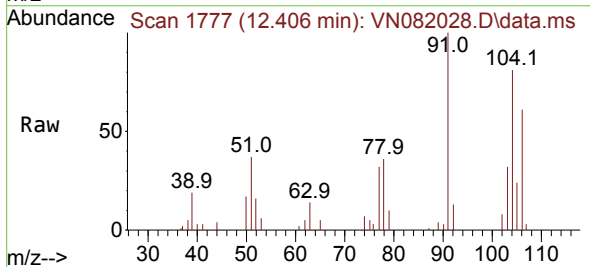
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

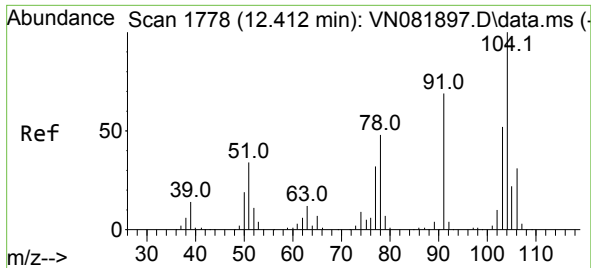
Tgt Ion:106 Resp: 21066
Ion Ratio Lower Upper
106 100
91 207.9 166.6 249.8



#68
o-Xylene
Concen: 2.832 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion:106 Resp: 10869
Ion Ratio Lower Upper
106 100
91 214.2 110.0 330.0

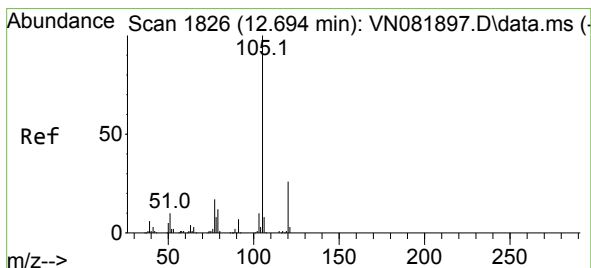
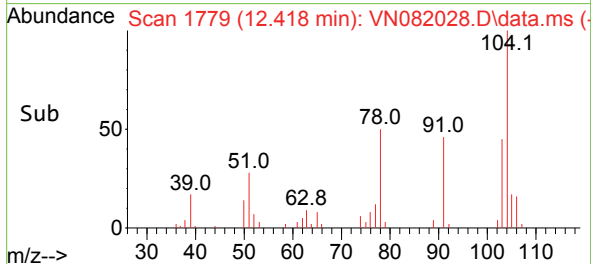
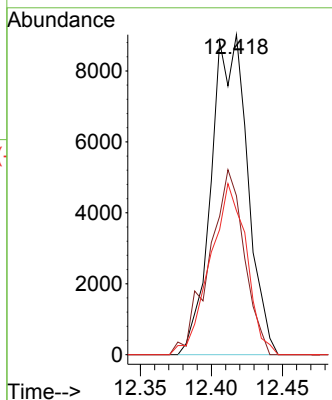
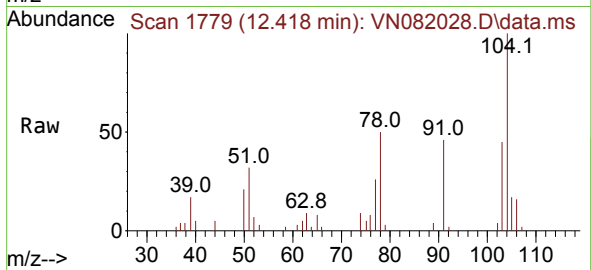




#69
Styrene
Concen: 2.484 ug/l
RT: 12.418 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

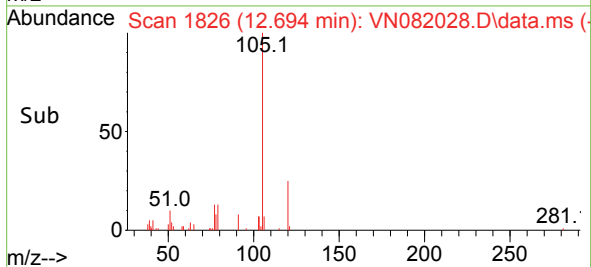
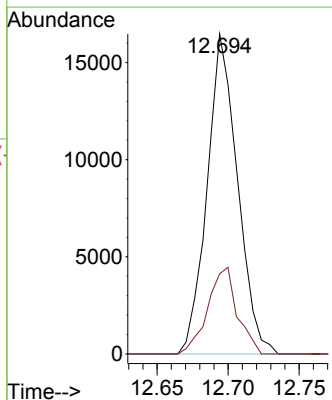
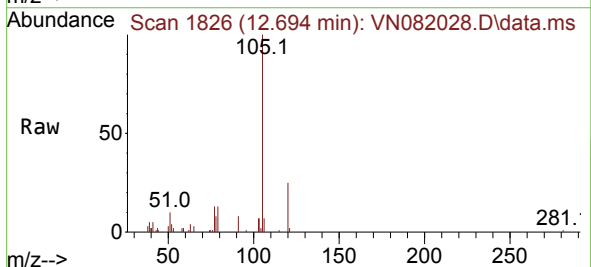
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

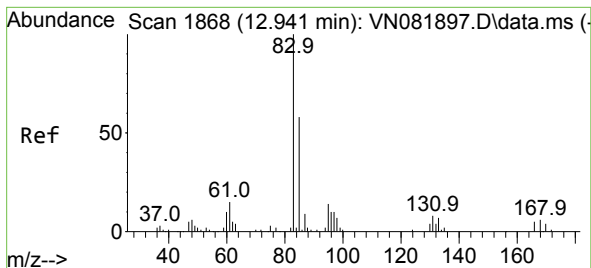
Tgt Ion:104 Resp: 16002
Ion Ratio Lower Upper
104 100
78 56.0 42.6 64.0
103 53.5 43.7 65.5



#70
Isopropylbenzene
Concen: 2.515 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion:105 Resp: 24511
Ion Ratio Lower Upper
105 100
120 26.3 17.8 33.1





#71

1,1,2,2-Tetrachloroethane

Concen: 2.817 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

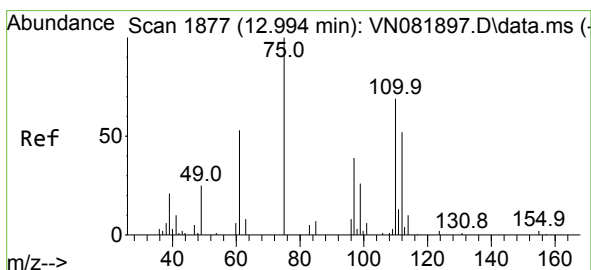
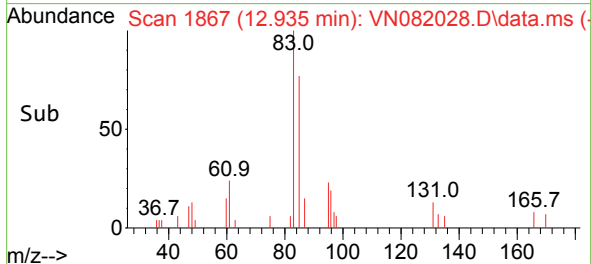
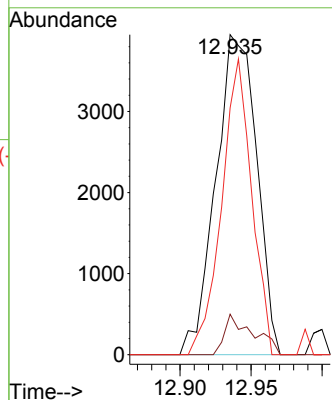
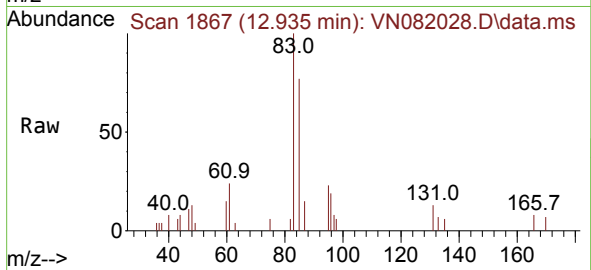
Tgt Ion: 83 Resp: 7903

Ion Ratio Lower Upper

83 100

131 6.8 5.2 15.6

85 68.0 32.3 96.8



#72

1,2,3-Trichloropropane

Concen: 3.997 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VN082028.D

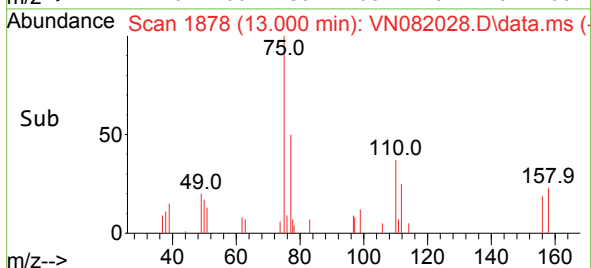
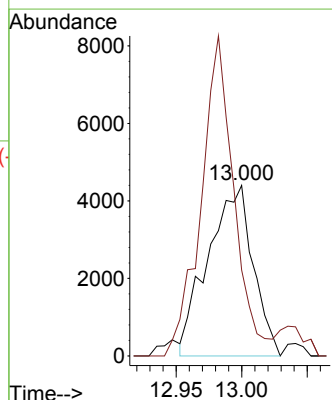
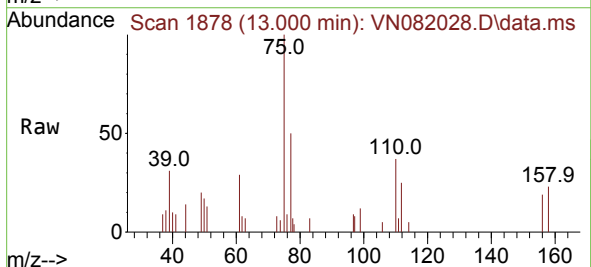
Acq: 08 May 2024 11:57

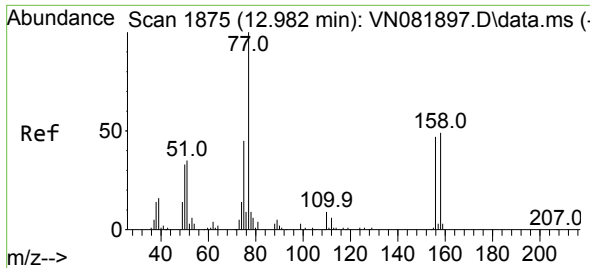
Tgt Ion: 75 Resp: 10483

Ion Ratio Lower Upper

75 100

77 137.3 0.0 367.6

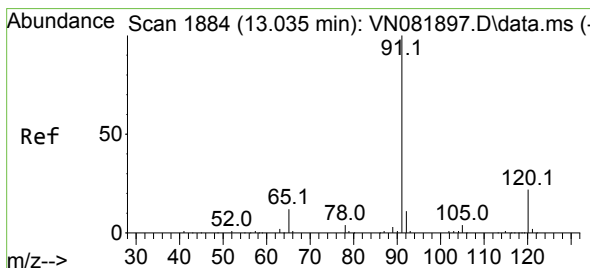
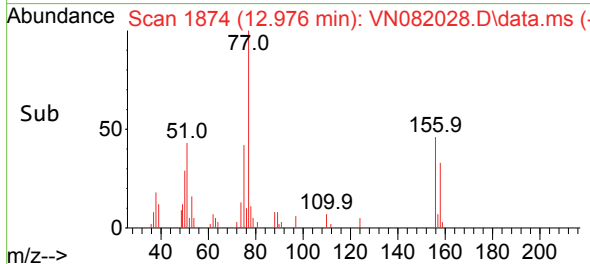
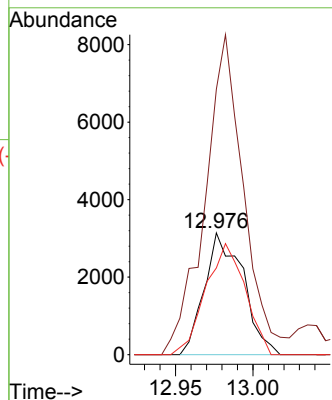
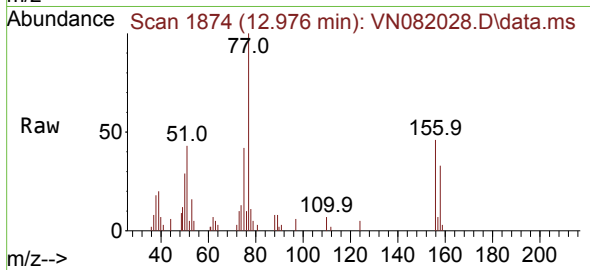




#73
Bromobenzene
Concen: 2.609 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

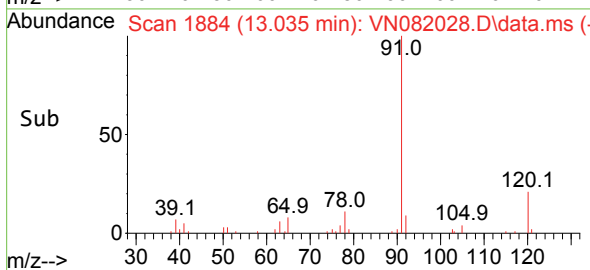
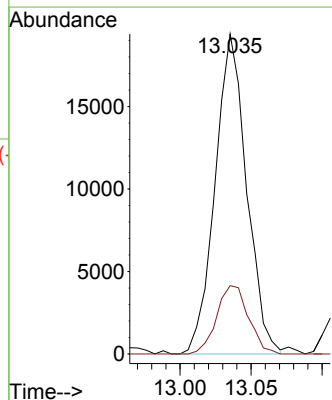
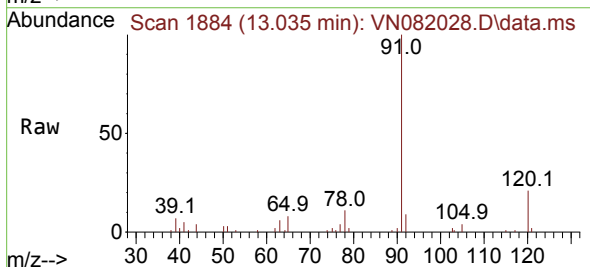
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

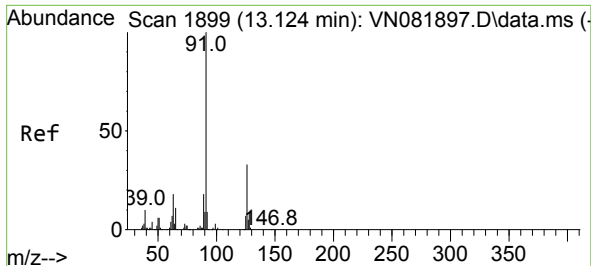
Tgt Ion:156 Resp: 5444
Ion Ratio Lower Upper
156 100
77 264.5 0.0 437.6
158 93.6 0.0 203.8



#74
n-propylbenzene
Concen: 2.601 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion: 91 Resp: 29915
Ion Ratio Lower Upper
91 100
120 21.6 0.0 43.8

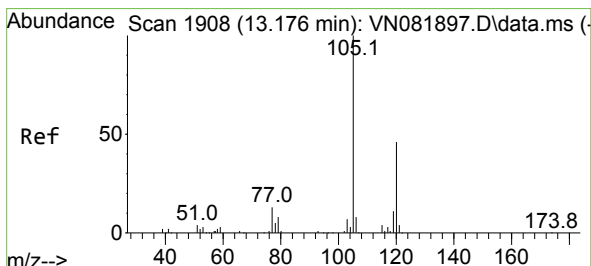
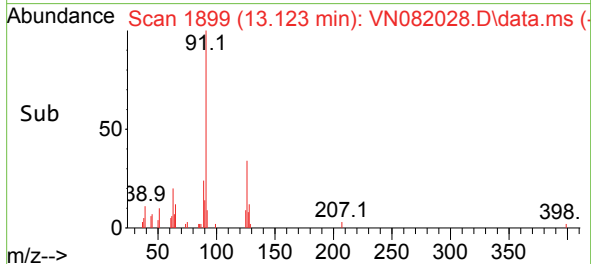
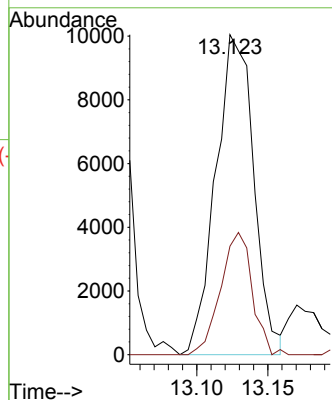
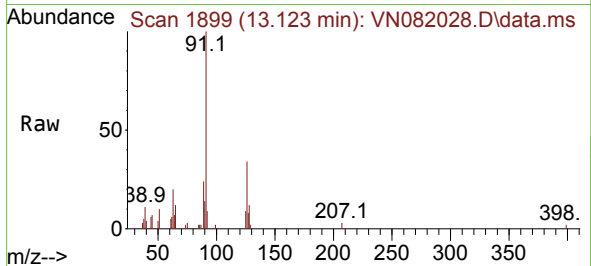




#75
2-Chlorotoluene
Concen: 2.626 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

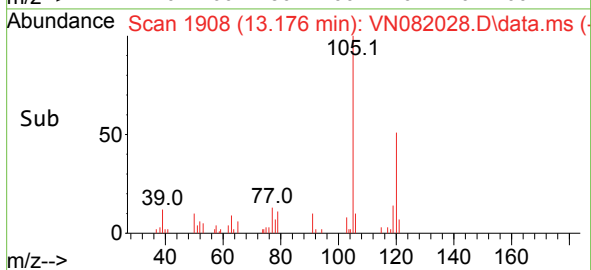
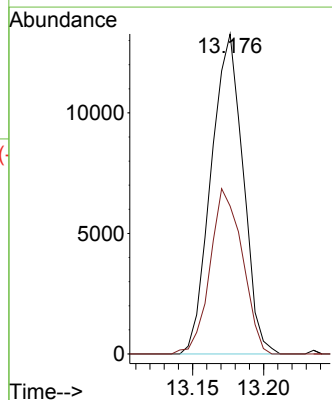
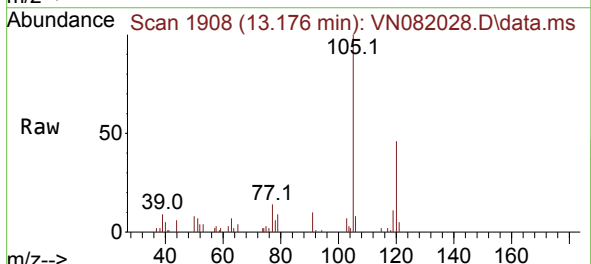
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

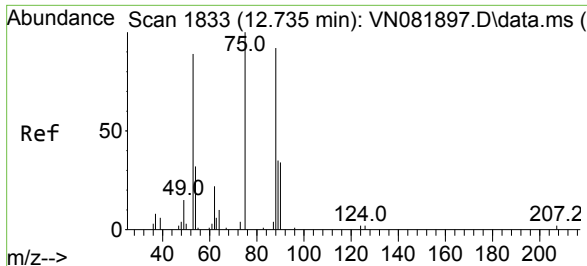
Tgt Ion: 91 Resp: 18682
Ion Ratio Lower Upper
91 100
126 31.5 0.0 61.2



#76
1,3,5-Trimethylbenzene
Concen: 2.629 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion: 105 Resp: 20743
Ion Ratio Lower Upper
105 100
120 52.2 0.0 95.8





#77

t-1,4-Dichloro-2-butene

Concen: 3.012 ug/l

RT: 12.735 min Scan# 1833

Delta R.T. -0.000 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

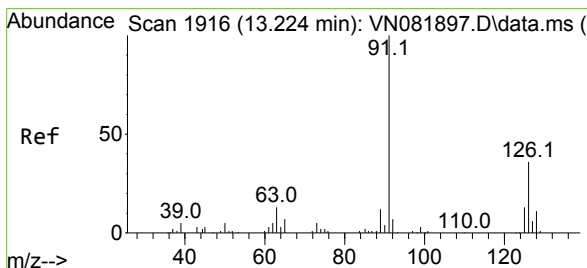
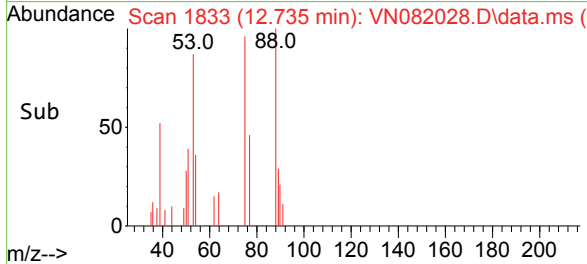
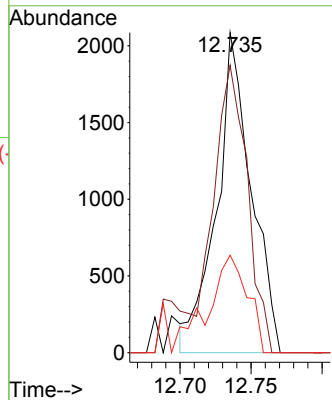
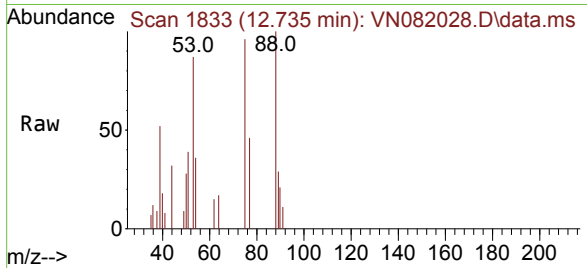
Tgt Ion: 75 Resp: 3516

Ion Ratio Lower Upper

75 100

53 89.8 45.9 137.7

89 30.4 25.9 77.7



#78

4-Chlorotoluene

Concen: 2.559 ug/l

RT: 13.223 min Scan# 1916

Delta R.T. -0.000 min

Lab File: VN082028.D

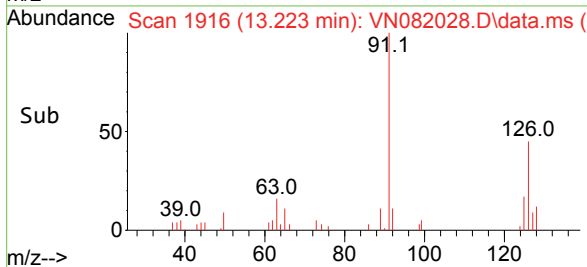
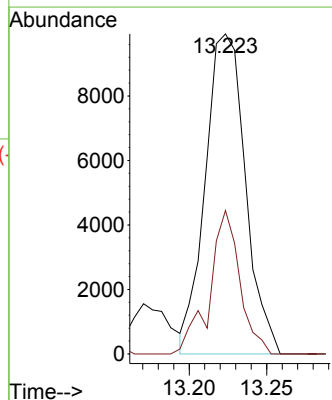
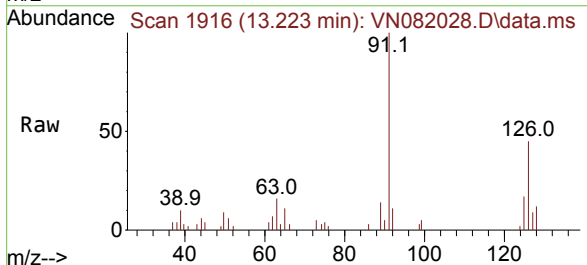
Acq: 08 May 2024 11:57

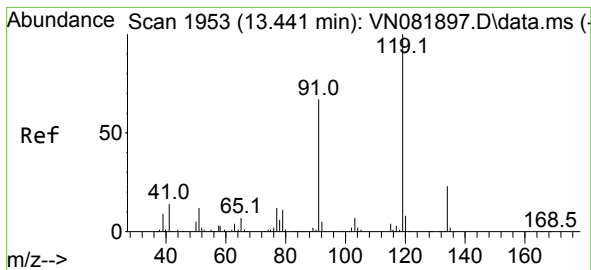
Tgt Ion: 91 Resp: 17838

Ion Ratio Lower Upper

91 100

126 27.6 0.0 62.8





#79

tert-butylbenzene

Concen: 2.367 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

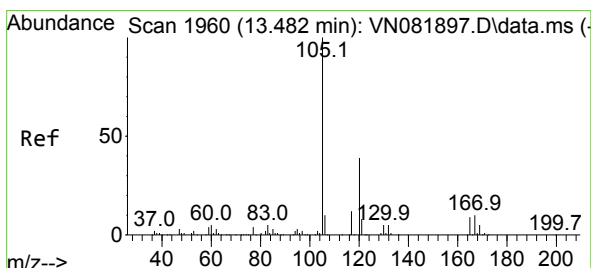
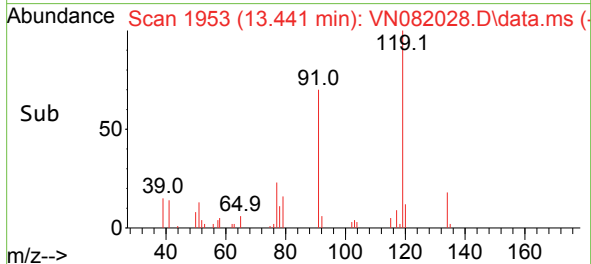
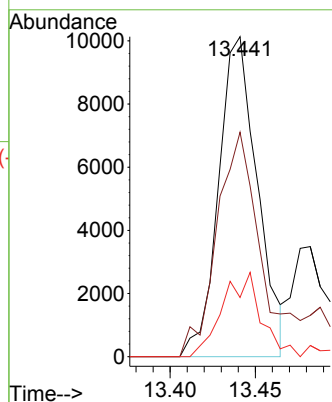
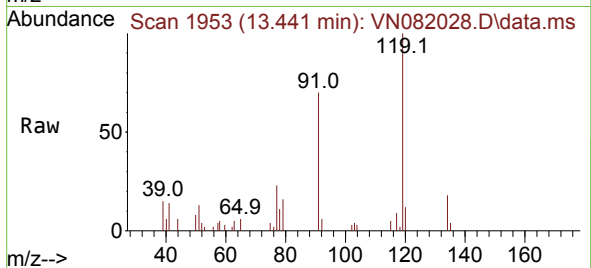
Tgt Ion:119 Resp: 16082

Ion Ratio Lower Upper

119 100

91 73.9 0.0 138.8

134 26.1 0.0 48.6



#80

1,2,4-Trimethylbenzene

Concen: 2.407 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN082028.D

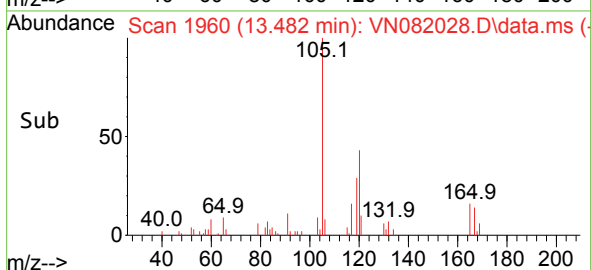
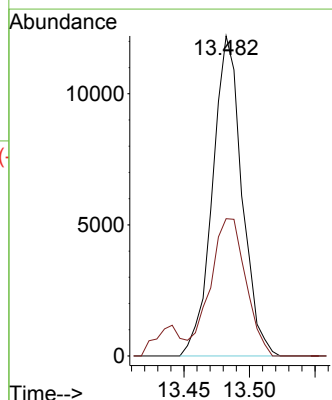
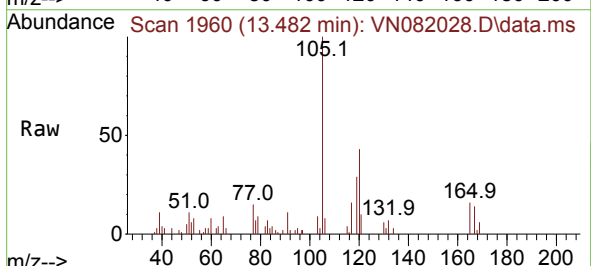
Acq: 08 May 2024 11:57

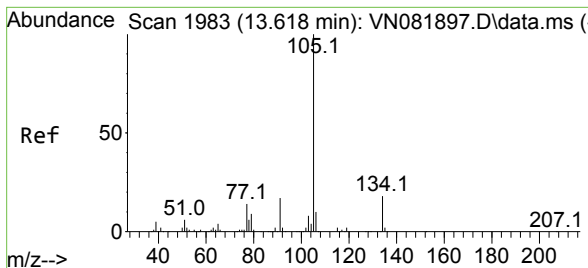
Tgt Ion:105 Resp: 19077

Ion Ratio Lower Upper

105 100

120 51.4 0.0 86.8





#81

sec-Butylbenzene

Concen: 2.612 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

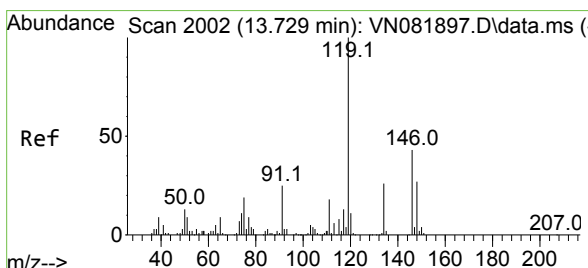
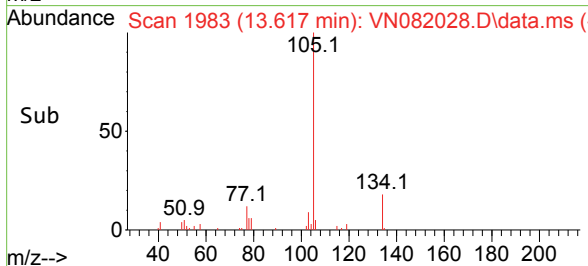
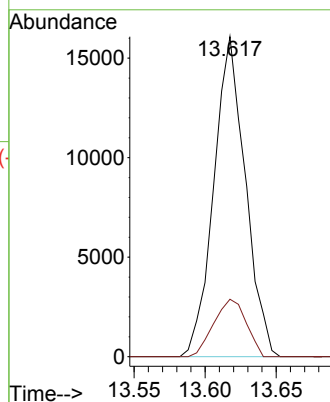
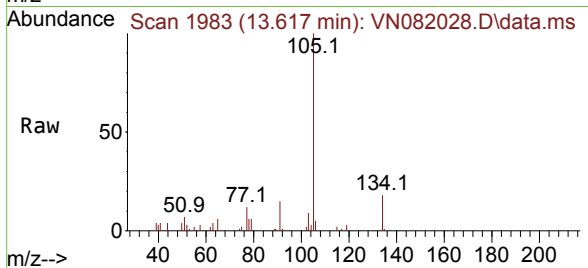
MDL-WATER-03-QT2-2024

Tgt Ion:105 Resp: 24874

Ion Ratio Lower Upper

105 100

134 18.4 0.0 39.0



#82

p-Isopropyltoluene

Concen: 2.395 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

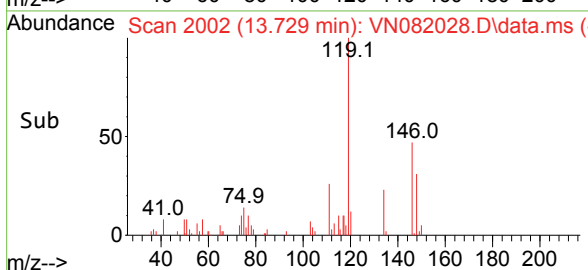
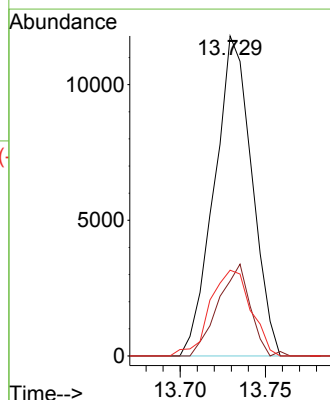
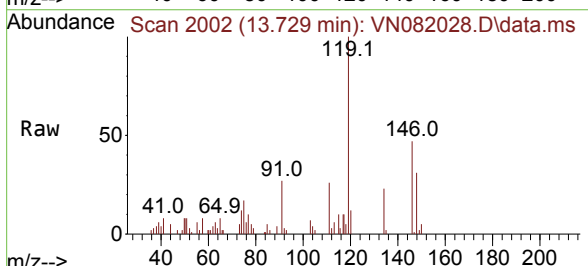
Tgt Ion:119 Resp: 18032

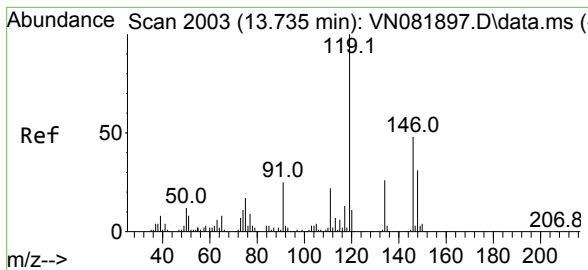
Ion Ratio Lower Upper

119 100

134 24.4 0.0 49.2

91 29.4 0.0 48.8





#83

1,3-Dichlorobenzene

Concen: 2.587 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

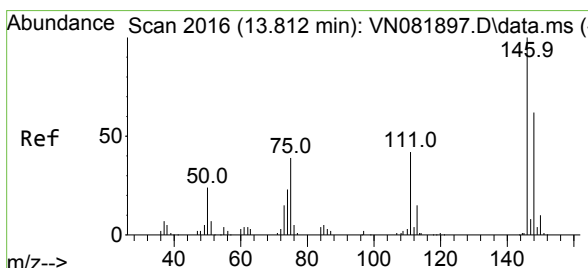
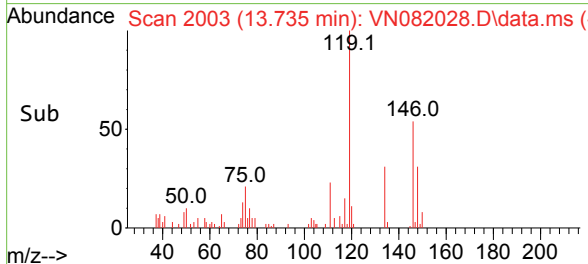
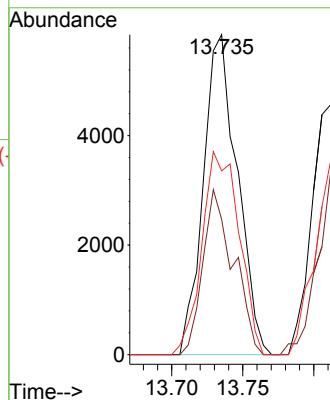
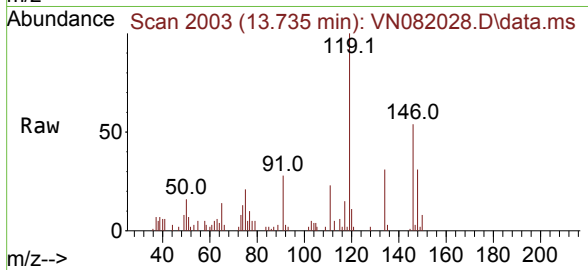
Tgt Ion:146 Resp: 9718

Ion Ratio Lower Upper

146 100

111 46.8 22.4 67.0

148 69.4 32.1 96.5



#84

1,4-Dichlorobenzene

Concen: 2.340 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

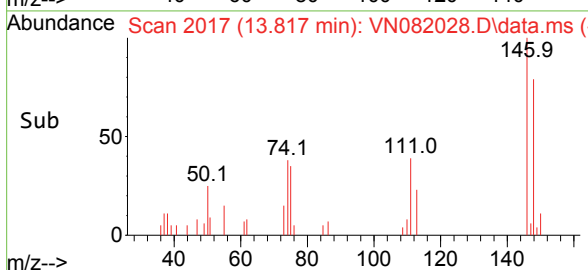
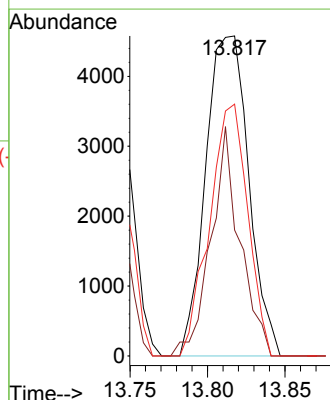
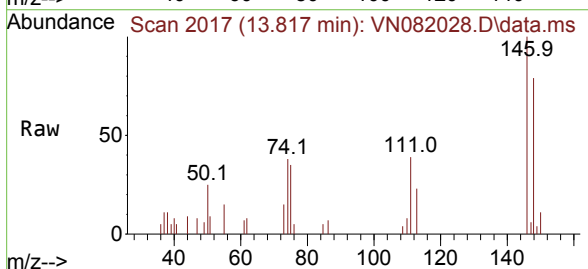
Tgt Ion:146 Resp: 8835

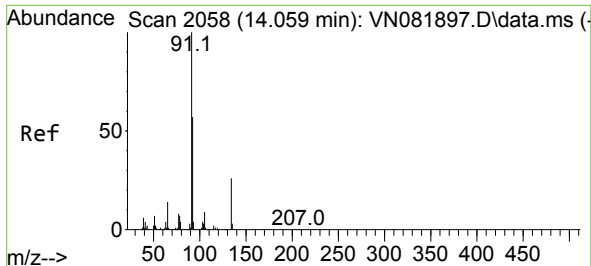
Ion Ratio Lower Upper

146 100

111 48.3 21.3 63.9

148 69.9 31.9 95.5

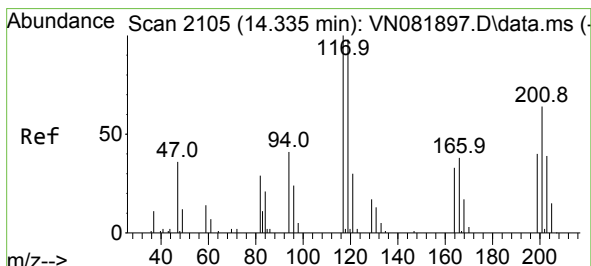
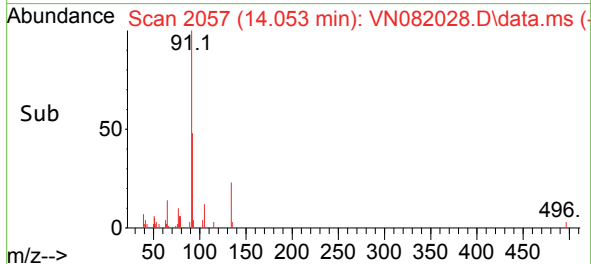
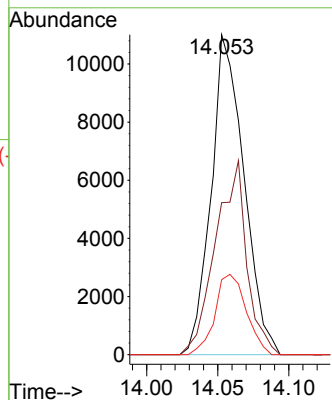
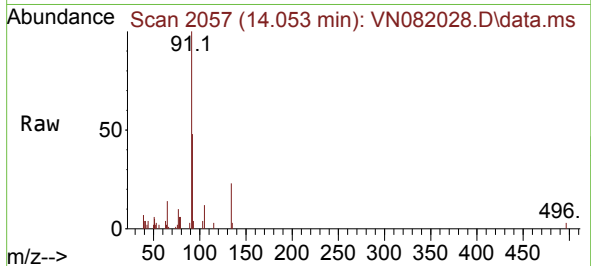




#85
n-Butylbenzene
Concen: 2.568 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

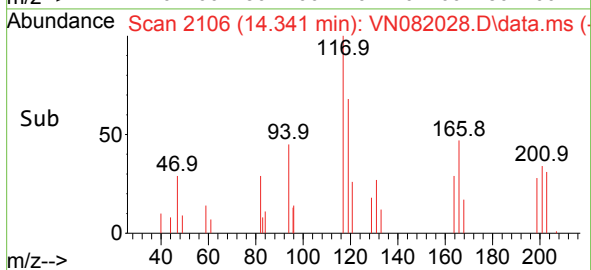
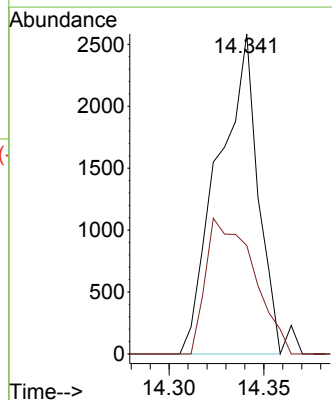
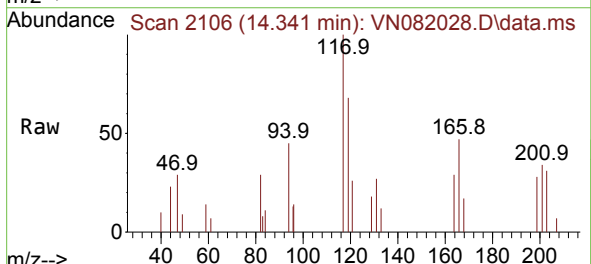
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

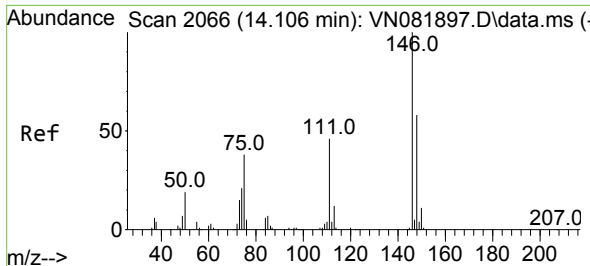
Tgt Ion: 91 Resp: 17662
Ion Ratio Lower Upper
91 100
92 57.7 0.0 105.0
134 24.0 0.0 51.8



#86
Hexachloroethane
Concen: 2.509 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion: 117 Resp: 3767
Ion Ratio Lower Upper
117 100
201 51.0 38.0 114.0

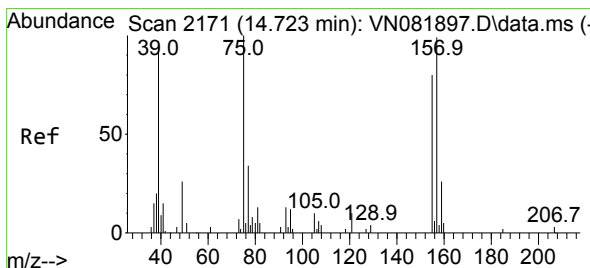
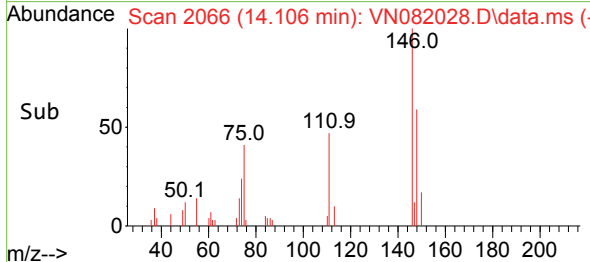
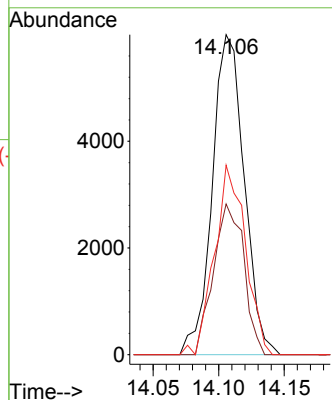
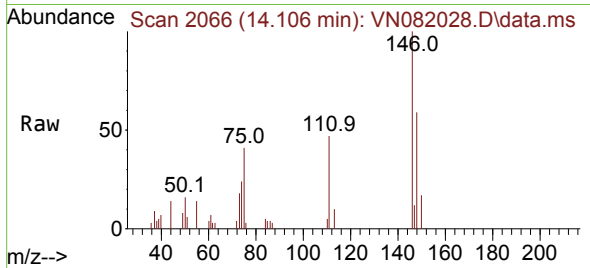




#87
1,2-Dichlorobenzene
Concen: 2.714 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

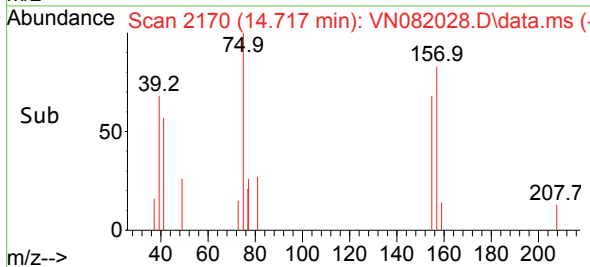
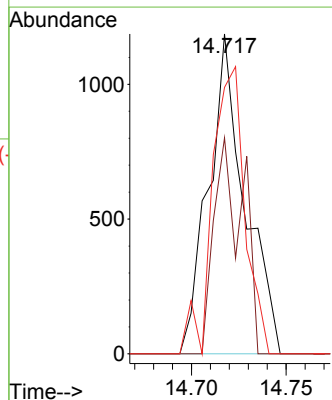
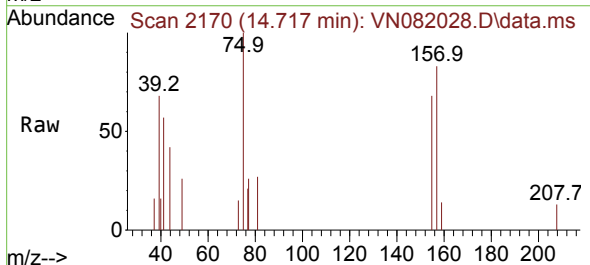
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2024

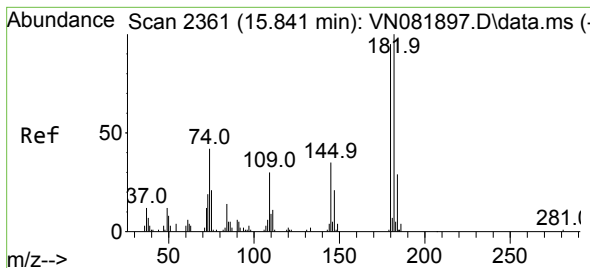
Tgt Ion:	146	Resp:	10154
Ion	Ratio	Lower	Upper
146	100		
111	44.8	22.6	67.8
148	56.7	31.3	93.8



#88
1,2-Dibromo-3-Chloropropane
Concen: 2.507 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082028.D
Acq: 08 May 2024 11:57

Tgt Ion:	75	Resp:	1578
Ion	Ratio	Lower	Upper
75	100		
155	53.4	61.7	92.5#
157	76.2	83.6	125.4#





#89

1,2,4-Trichlorobenzene

Concen: 2.201 ug/l

RT: 15.841 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

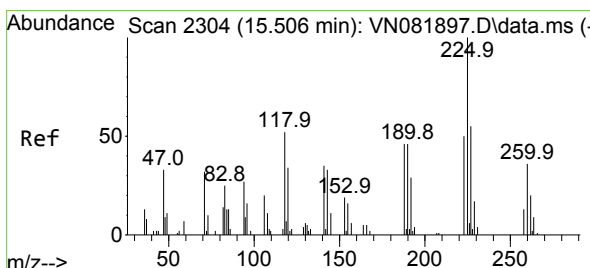
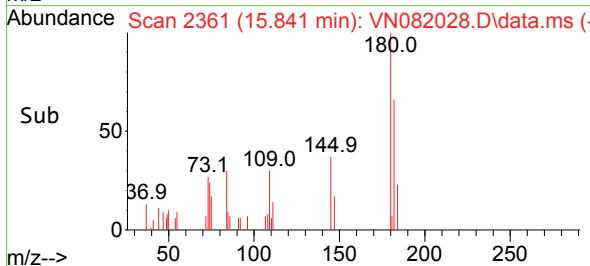
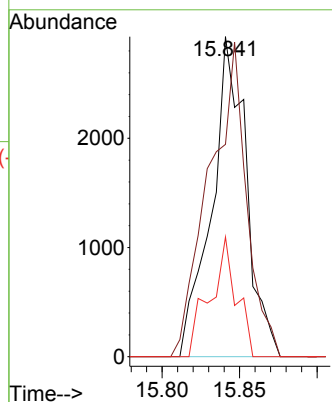
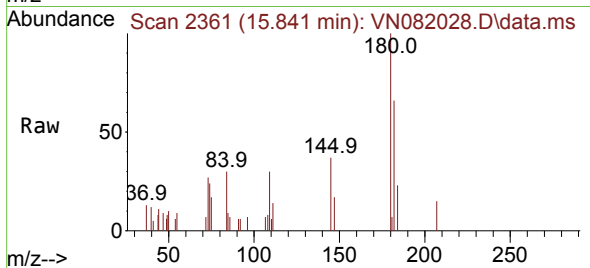
Tgt Ion:180 Resp: 4535

Ion Ratio Lower Upper

180 100

182 105.9 76.4 114.6

145 20.6 28.4 42.6#



#90

Hexachlorobutadiene

Concen: 2.340 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

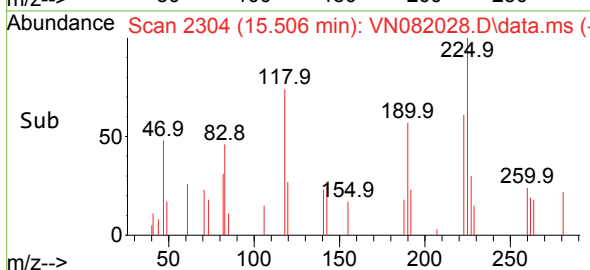
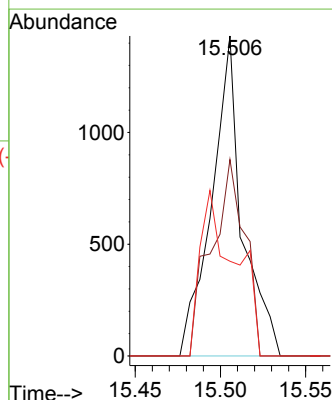
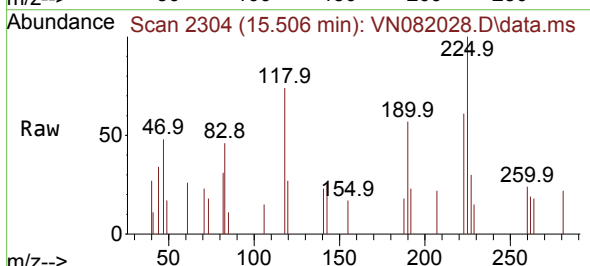
Tgt Ion:225 Resp: 1786

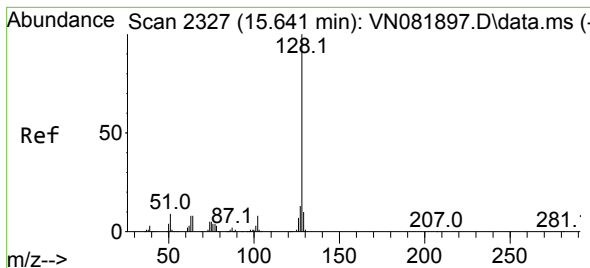
Ion Ratio Lower Upper

225 100

223 49.7 0.0 126.6

227 9.4 0.0 126.6





#91

Naphthalene

Concen: 2.161 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2024

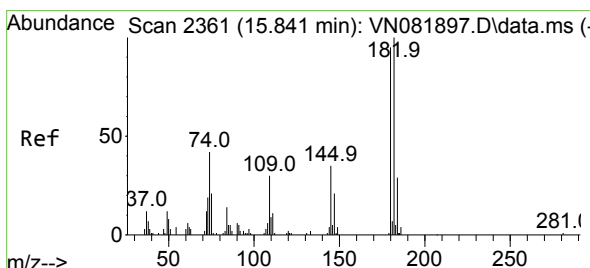
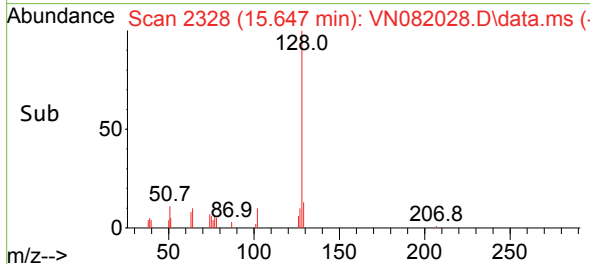
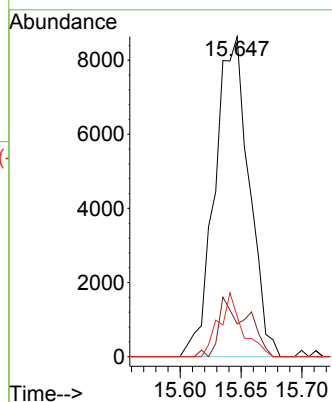
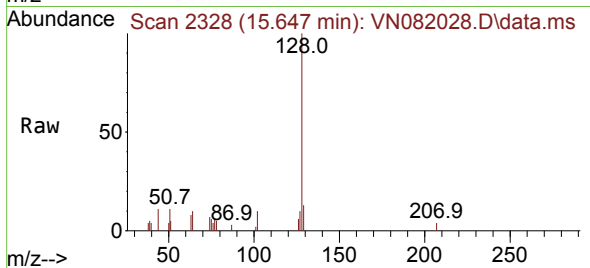
Tgt Ion:128 Resp: 16924

Ion Ratio Lower Upper

128 100

127 8.5 10.6 16.0#

129 13.5 8.6 13.0#



#92

1,2,3-Trichlorobenzene

Concen: 2.201 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082028.D

Acq: 08 May 2024 11:57

Tgt Ion:180 Resp: 4535

Ion Ratio Lower Upper

180 100

182 105.9 0.0 191.0

145 20.6 0.0 71.0

