

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070925\
 Data File : VN087313.D
 Acq On : 09 Jul 2025 16:09
 Operator : JC\MD
 Sample : Q2126-09 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Quant Time: Jul 10 01:26:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	39189	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	201445	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	184098	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	86126	29.169	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.233%
60) 4-Bromofluorobenzene	12.847	95	83088	29.248	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.500%
63) Toluene-d8	10.565	98	249509	30.185	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.633%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.160	85	5036	2.135	ug/l	85
3) Chloromethane	2.401	50	4759	1.975	ug/l	97
4) Vinyl Chloride	2.554	62	5028	1.920	ug/l	98
5) Bromomethane	2.995	94	5784	4.162	ug/l #	67
6) Chloroethane	3.154	64	4305	3.065	ug/l #	84
7) Trichlorofluoromethane	3.530	101	8825	2.747	ug/l #	67
8) Diethyl Ether	3.977	74	3000	1.901	ug/l	54
9) 1,1,2-Trichlorotrifluo...	4.406	101	3021	1.269	ug/l #	31
10) 1,1-Dichloroethene	4.371	96	4934	2.078	ug/l #	71
11) Methyl Iodide	4.612	142	1032	0.485	ug/l #	46
12) Methyl Acetate	5.036	43	2813	0.755	ug/l #	87
13) Acrolein	4.201	56	3096	5.411	ug/l #	77
14) Acrylonitrile	5.742	53	13901	8.003	ug/l #	81
15) Acetone	4.459	58	5030	9.928	ug/l	80
16) Carbon Disulfide	4.736	76	16022	2.308	ug/l #	94
17) Allyl chloride	5.030	41	1380	0.352	ug/l	97
18) Methylene Chloride	5.289	84	4558	1.657	ug/l #	86
19) trans-1,2-Dichloroethene	5.812	96	4133	1.592	ug/l #	83
20) Diisopropyl ether	6.683	45	11861	1.428	ug/l #	83
21) 1,1-Dichloroethane	6.583	63	5859	1.180	ug/l #	86
22) cis-1,2-Dichloroethene	7.500	96	4721	1.563	ug/l #	79
23) tert-Butyl Alcohol	5.536	59	5896	9.026	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	8375	1.006	ug/l	93
25) Chloroform	7.971	83	10901	2.292	ug/l	93
26) Cyclohexane	8.259	56	6599	1.599	ug/l #	89
29) 1,1-Dichloropropene	8.371	75	6820	2.172	ug/l	80
30) 2-Butanone	7.494	43	23527	11.108	ug/l	94
31) 2,2-Dichloropropane	7.500	77	10157	2.680	ug/l #	88
32) 1,1,1-Trichloroethane	8.177	97	9996	2.725	ug/l #	36
33) Carbon Tetrachloride	8.365	117	8647	2.801	ug/l #	91
34) Benzene	8.606	78	22408	2.253	ug/l #	60
35) Methacrylonitrile	7.789	41	3530	1.654	ug/l	86
36) 1,2-Dichloroethane	8.677	62	8408	2.616	ug/l	95
37) Trichloroethene	9.353	130	6109	2.663	ug/l #	71
38) Methylcyclohexane	9.606	83	7313	2.030	ug/l	93
39) 1,2-Dichloropropane	9.624	63	5496	2.201	ug/l	94
40) Dibromomethane	9.712	93	4697	2.767	ug/l	95
41) Bromodichloromethane	9.888	83	9185	2.680	ug/l	85
42) Vinyl Acetate	6.624	43	49727	7.219	ug/l #	91

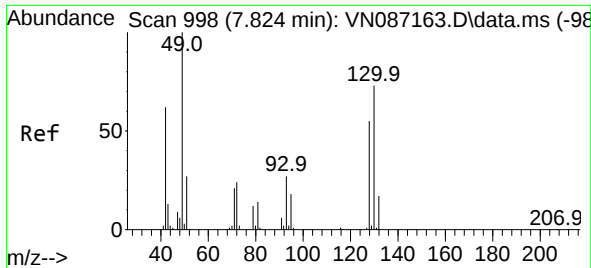
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.694	43	11378	1.826	ug/l	93
45) 1,4-Dioxane	9.700	88	734	17.418	ug/l #	94
46) Methyl methacrylate	9.688	41	4229	1.460	ug/l	93
48) t-1,3-Dichloropropene	10.835	75	7850	2.055	ug/l	92
49) cis-1,3-Dichloropropene	10.312	75	8910	2.194	ug/l	91
50) 1,1,2-Trichloroethane	11.018	97	5859	2.430	ug/l	94
52) 1,3-Dichloropropane	11.165	76	9331	2.254	ug/l	99
53) Dibromochloromethane	11.365	129	6198	2.448	ug/l	95
54) 1,2-Dibromoethane	11.471	107	5850	2.351	ug/l	90
55) 2-Chloroethyl vinyl ether	10.165	63	13713	6.518	ug/l	99
56) Bromoform	12.571	173	2153	1.237	ug/l #	32
58) 4-Methyl-2-Pentanone	10.453	43	25376	6.856	ug/l	96
61) Tetrachloroethene	11.106	164	4555	2.498	ug/l	94
62) Toluene	10.635	91	26748	2.573	ug/l	96
64) Chlorobenzene	11.888	112	16417	2.475	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.959	131	5902	2.693	ug/l	89
66) Ethyl Benzene	11.965	91	23323	2.049	ug/l	99
67) m/p-Xylenes	12.071	106	17933	4.112	ug/l	98
68) o-Xylene	12.394	106	8823	2.121	ug/l	93
69) Styrene	12.412	104	12981	1.817	ug/l	98
70) Isopropylbenzene	12.694	105	20928	2.020	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	9026	2.420	ug/l	95
72) 1,2,3-Trichloropropane	13.000	75	11481	3.570	ug/l	54
73) Bromobenzene	12.976	156	5849	2.327	ug/l	94
74) n-propylbenzene	13.035	91	27331	2.159	ug/l	99
75) 2-Chlorotoluene	13.123	91	16848	2.203	ug/l	98
76) 1,3,5-Trimethylbenzene	13.171	105	17646	2.092	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	2189	1.534	ug/l	96
78) 4-Chlorotoluene	13.223	91	17233	2.200	ug/l	98
79) tert-butylbenzene	13.435	119	14605	2.060	ug/l	95
80) 1,2,4-Trimethylbenzene	13.482	105	16817	1.985	ug/l	96
81) sec-Butylbenzene	13.612	105	21346	2.071	ug/l	98
82) p-Isopropyltoluene	13.723	119	16498	1.923	ug/l	96
83) 1,3-Dichlorobenzene	13.735	146	12221	2.525	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	12049	2.473	ug/l	99
85) n-Butylbenzene	14.053	91	15537	1.985	ug/l	93
86) Hexachloroethane	14.335	117	4554	2.805	ug/l	93
87) 1,2-Dichlorobenzene	14.106	146	10737	2.353	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	1854	2.208	ug/l #	74
89) 1,2,4-Trichlorobenzene	15.835	180	5932	2.297	ug/l	91
90) Hexachlorobutadiene	15.488	225	1853	2.418	ug/l	79
91) Naphthalene	15.641	128	17714	1.743	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	5932	2.297	ug/l	91

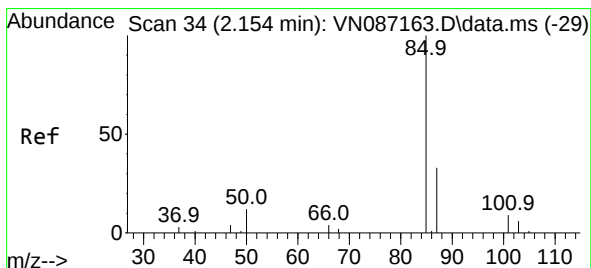
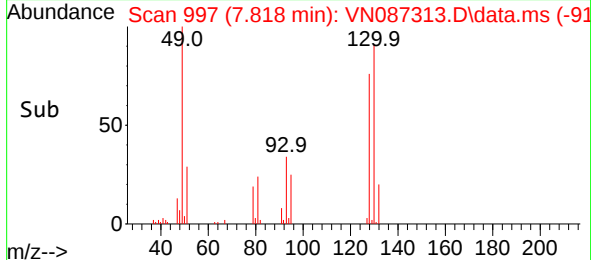
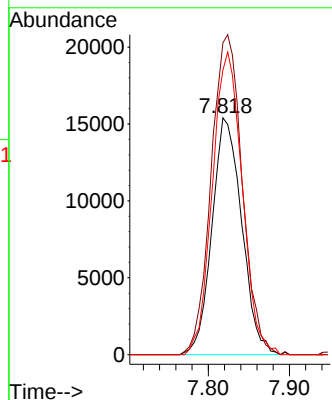
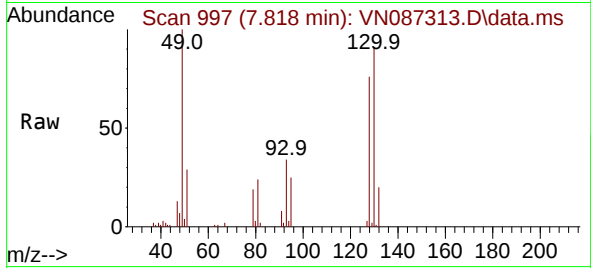
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

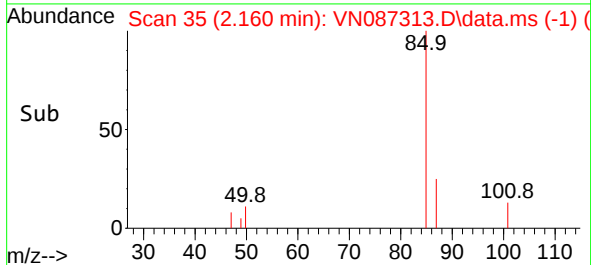
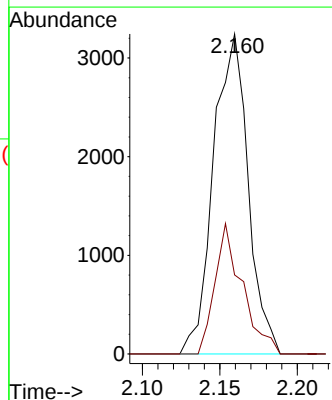
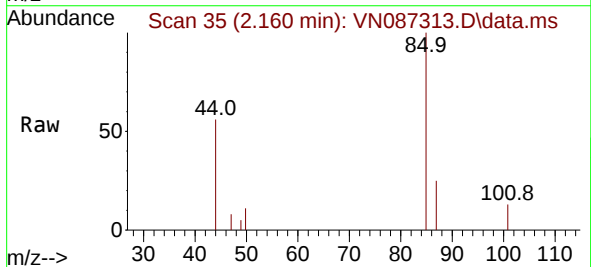
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

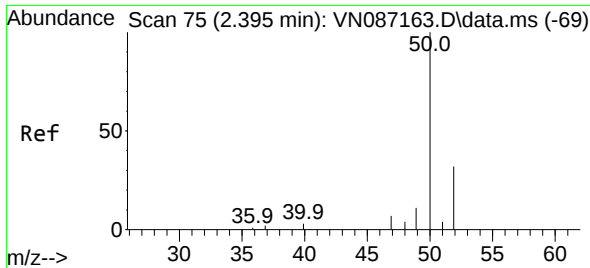
Tgt Ion:128 Resp: 39189
Ion Ratio Lower Upper
128 100
49 141.2 0.0 450.5
130 128.4 0.0 320.7



#2
Dichlorodifluoromethane
Concen: 2.135 ug/l
RT: 2.160 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion: 85 Resp: 5036
Ion Ratio Lower Upper
85 100
87 24.7 16.7 50.0





#3

Chloromethane

Concen: 1.975 ug/l

RT: 2.401 min Scan# 7

Delta R.T. 0.006 min

Lab File: VN087313.D

Acq: 09 Jul 2025 16:09

Instrument :

MSVOA_N

ClientSampleId :

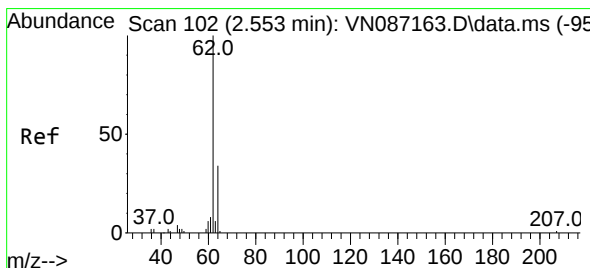
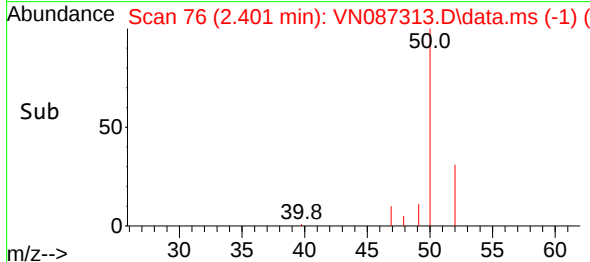
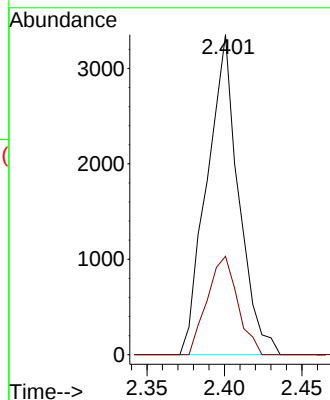
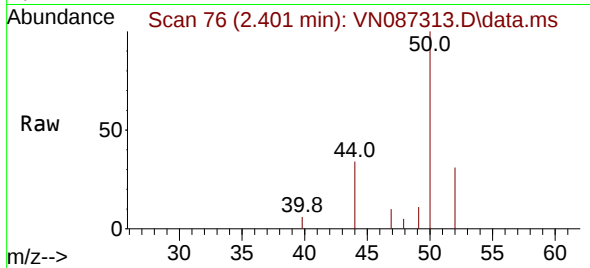
MDL-WATER-03-QT2-2025

Tgt Ion: 50 Resp: 4759

Ion Ratio Lower Upper

50 100

52 30.7 25.9 38.9



#4

Vinyl Chloride

Concen: 1.920 ug/l

RT: 2.554 min Scan# 102

Delta R.T. 0.000 min

Lab File: VN087313.D

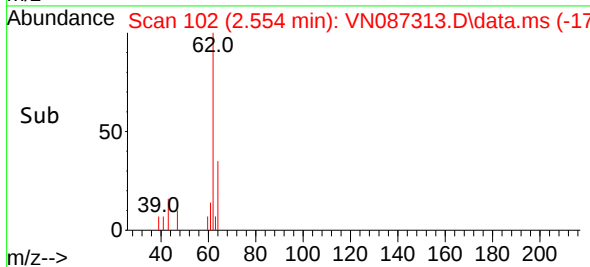
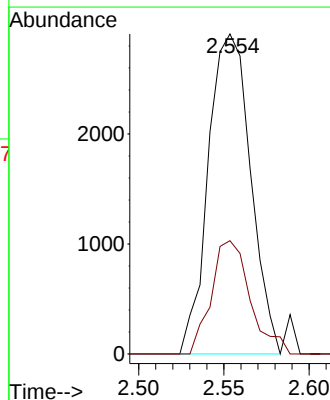
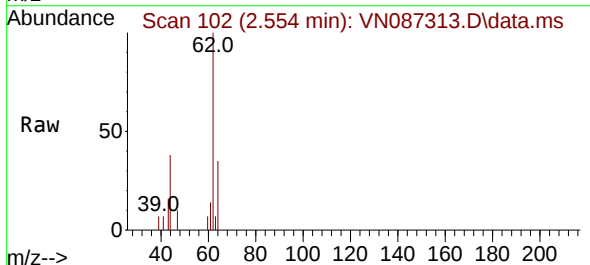
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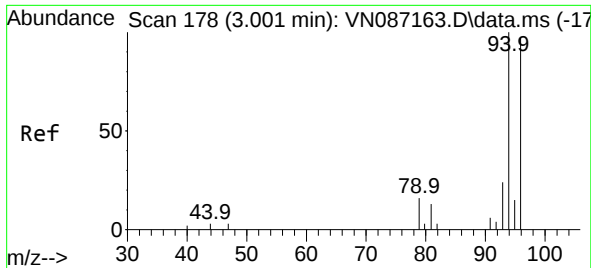
Tgt Ion: 62 Resp: 5028

Ion Ratio Lower Upper

62 100

64 35.4 27.4 41.2

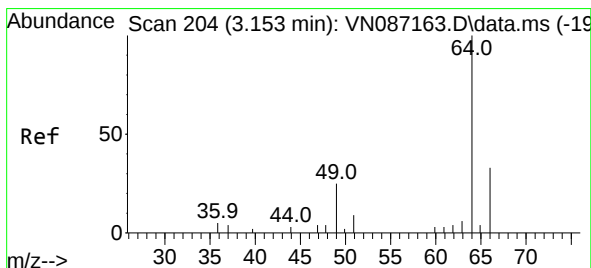
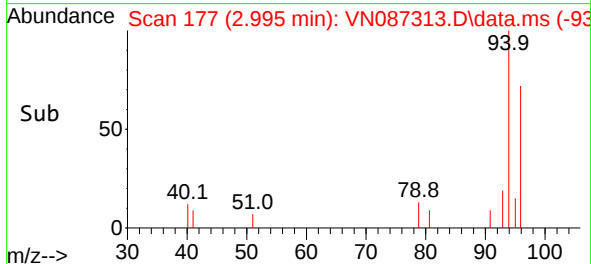
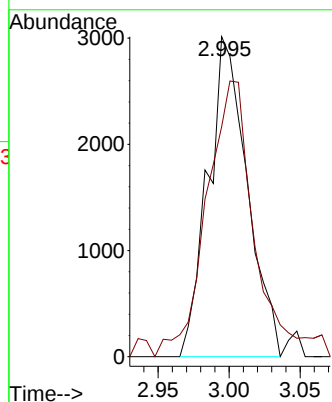
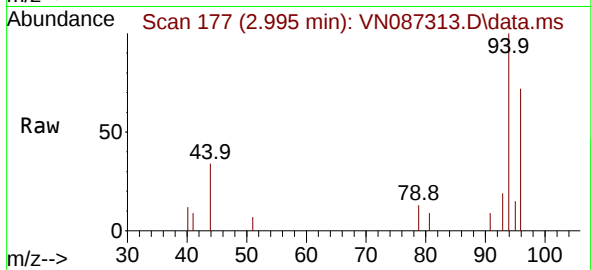




#5
Bromomethane
Concen: 4.162 ug/l
RT: 2.995 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

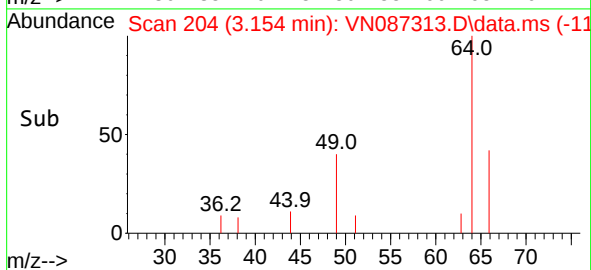
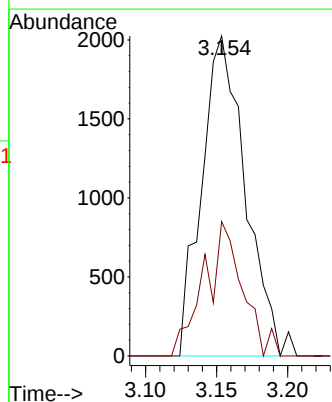
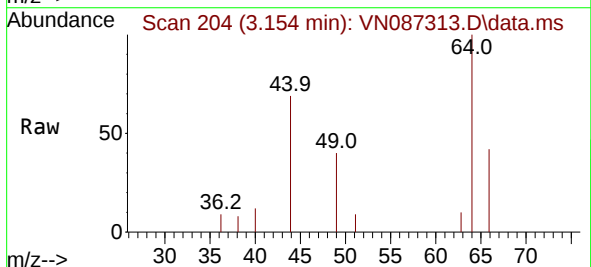
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

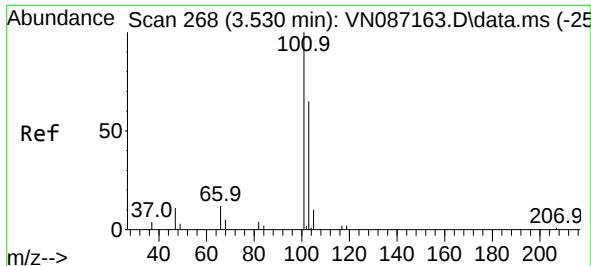
Tgt Ion: 94 Resp: 5784
Ion Ratio Lower Upper
94 100
96 65.0 77.9 116.9#



#6
Chloroethane
Concen: 3.065 ug/l
RT: 3.154 min Scan# 204
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion: 64 Resp: 4305
Ion Ratio Lower Upper
64 100
66 42.0 26.4 39.6#

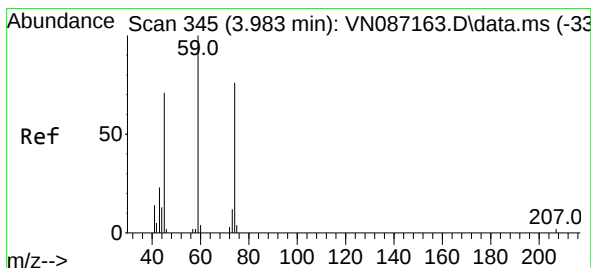
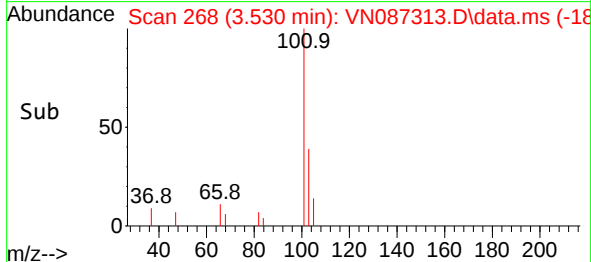
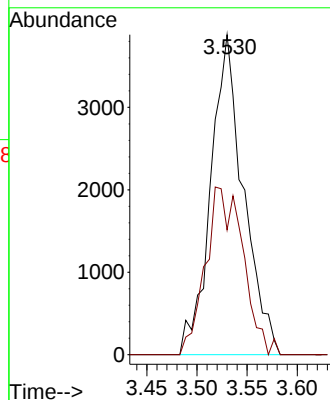
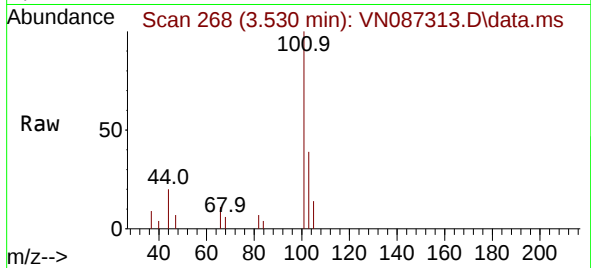




#7
Trichlorofluoromethane
Concen: 2.747 ug/l
RT: 3.530 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

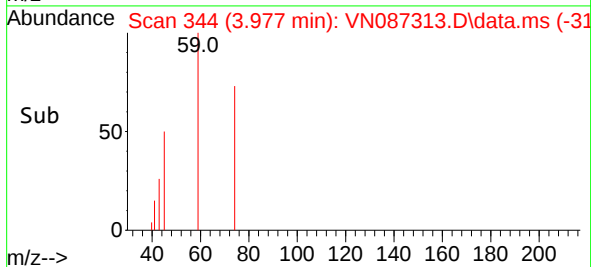
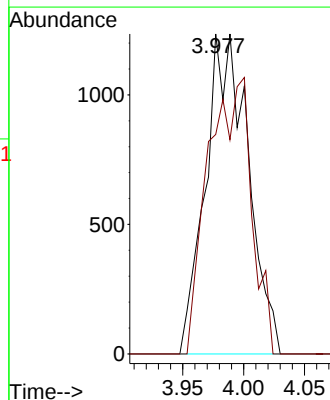
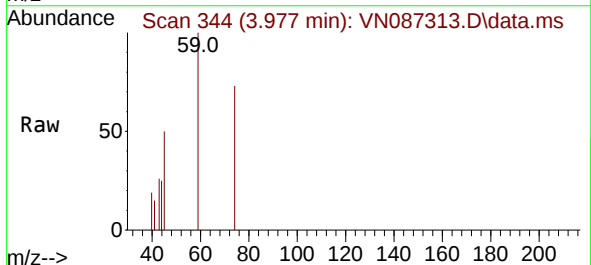
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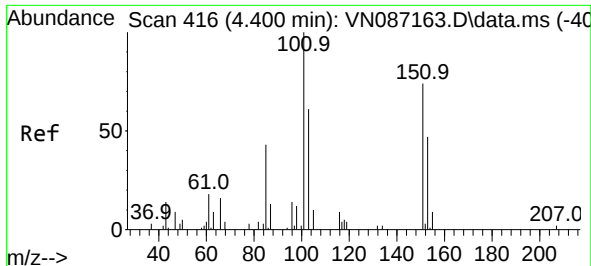
Tgt Ion:101 Resp: 8825
Ion Ratio Lower Upper
101 100
103 39.0 51.8 77.8#



#8
Diethyl Ether
Concen: 1.901 ug/l
RT: 3.977 min Scan# 344
Delta R.T. -0.006 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion: 74 Resp: 3000
Ion Ratio Lower Upper
74 100
45 50.8 19.0 171.0

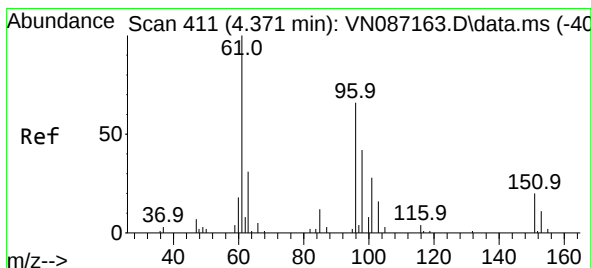
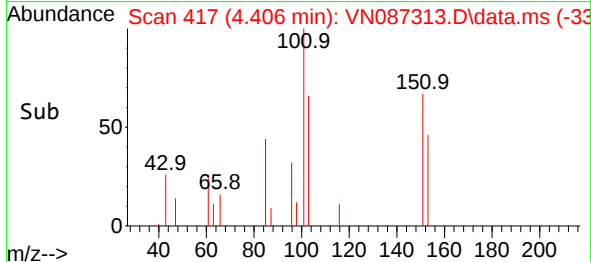
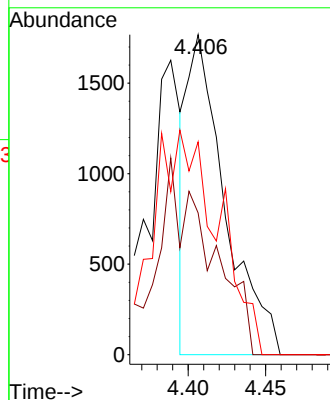
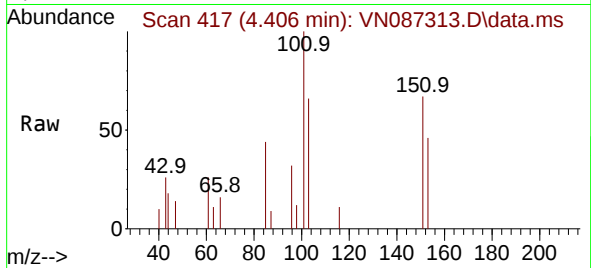




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.269 ug/l
RT: 4.406 min Scan# 416
Delta R.T. 0.006 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

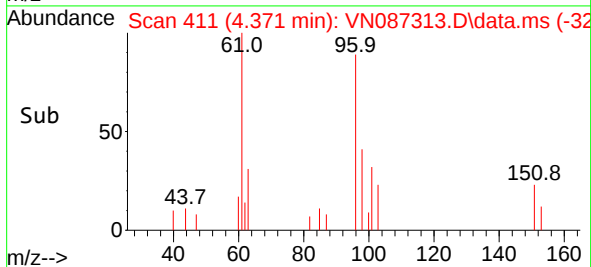
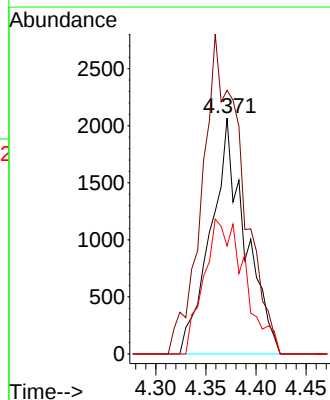
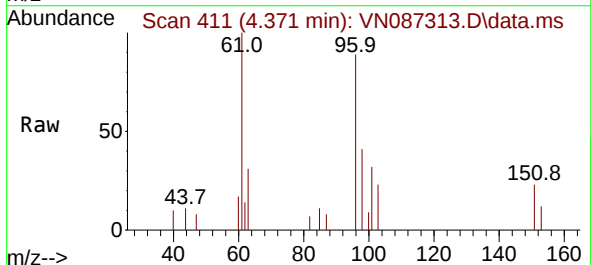
Instrument :
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MDL-WATER-03-QT2-2025

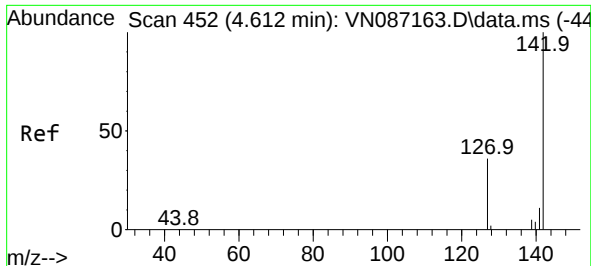
Tgt Ion:101 Resp: 3021
Ion Ratio Lower Upper
101 100
85 25.1 0.0 40.6
151 0.0 0.0 141.2



#10
1,1-Dichloroethene
Concen: 2.078 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion: 96 Resp: 4934
Ion Ratio Lower Upper
96 100
61 111.8 122.0 183.0#
98 45.8 50.3 75.5#

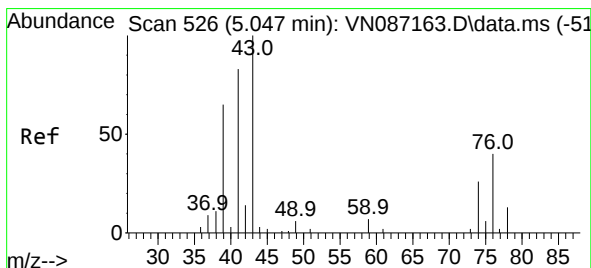
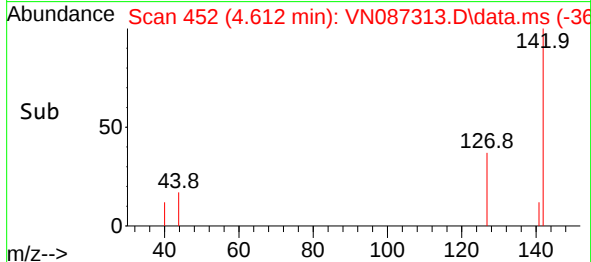
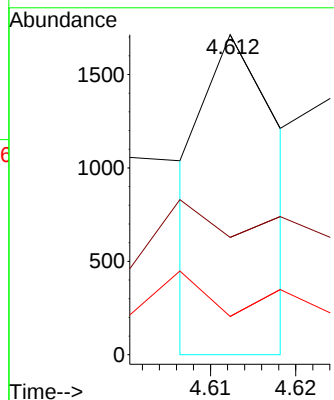
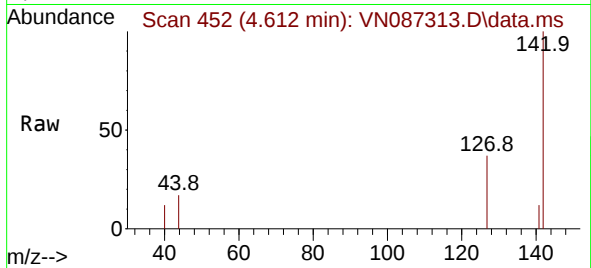




#11
Methyl Iodide
Concen: 0.485 ug/l
RT: 4.612 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

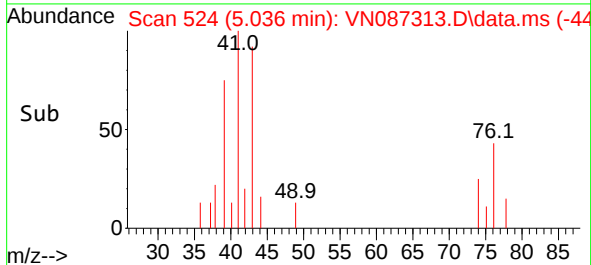
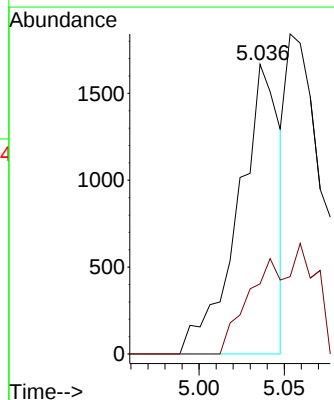
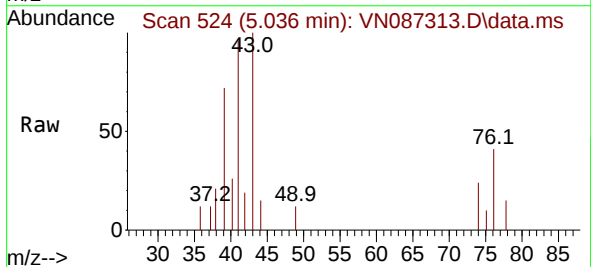
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

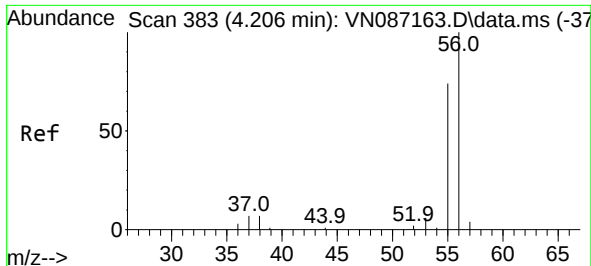
Tgt Ion:142 Resp: 1032
Ion Ratio Lower Upper
142 100
127 0.0 18.1 54.1#
141 0.0 5.7 17.1#



#12
Methyl Acetate
Concen: 0.755 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.012 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion: 43 Resp: 2813
Ion Ratio Lower Upper
43 100
74 18.7 20.3 30.5#

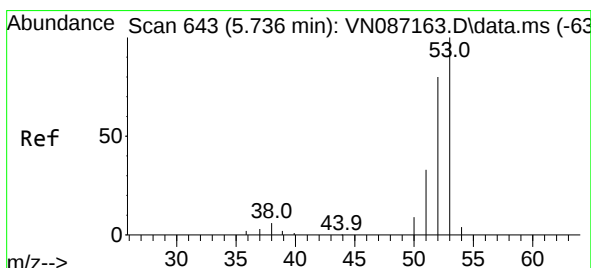
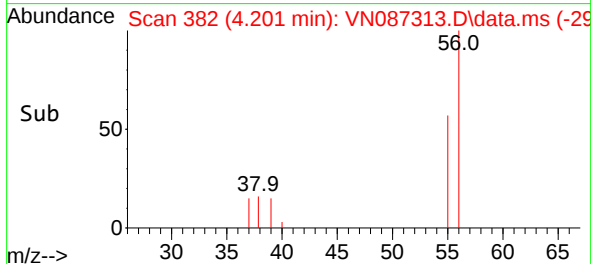
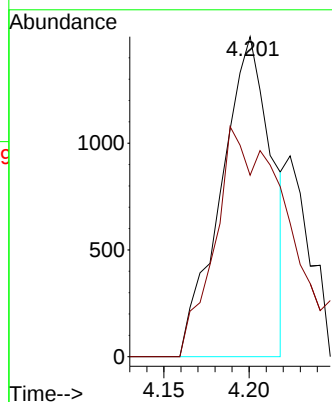
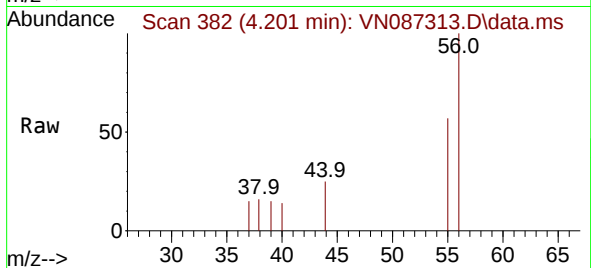




#13
Acrolein
Concen: 5.411 ug/l
RT: 4.201 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

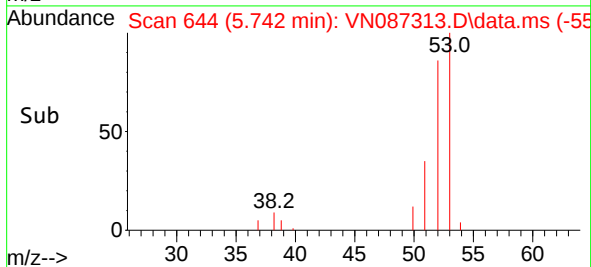
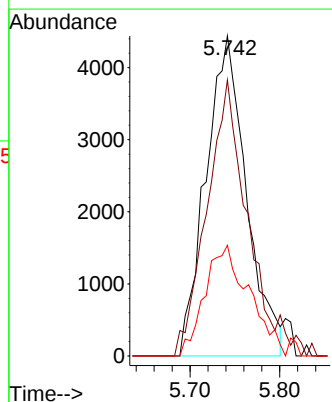
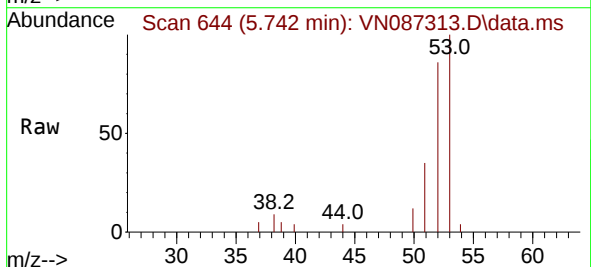
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

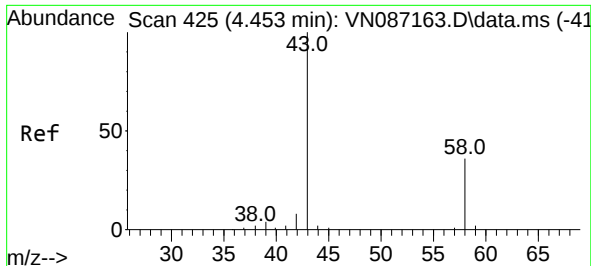
Tgt Ion: 56 Resp: 3096
Ion Ratio Lower Upper
56 100
55 50.6 55.7 83.5#



#14
Acrylonitrile
Concen: 8.003 ug/l
RT: 5.742 min Scan# 644
Delta R.T. 0.006 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion: 53 Resp: 13901
Ion Ratio Lower Upper
53 100
52 83.1 40.5 121.5
51 0.0 16.9 50.7#





#15

Acetone

Concen: 9.928 ug/l

RT: 4.459 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN087313.D

Acq: 09 Jul 2025 16:09

Instrument :

MSVOA_N

ClientSampleId :

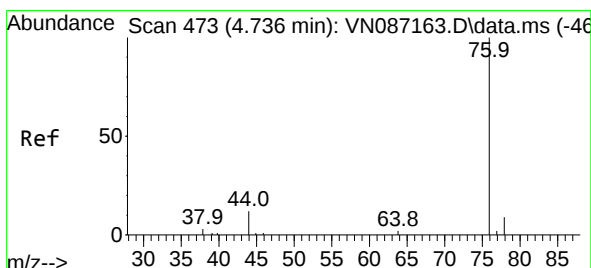
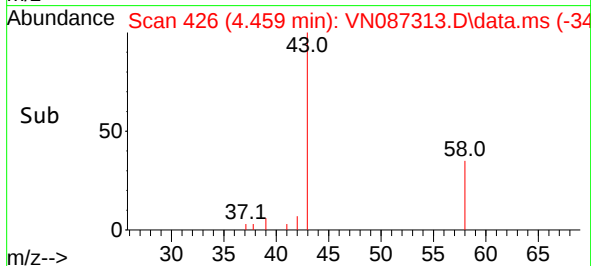
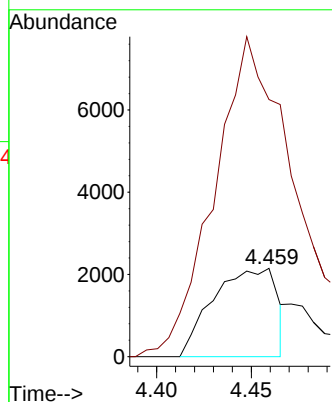
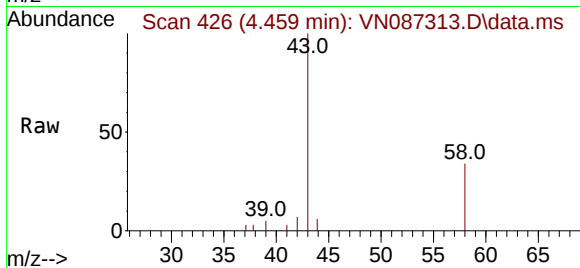
MDL-WATER-03-QT2-2025

Tgt Ion: 58 Resp: 5030

Ion Ratio Lower Upper

58 100

43 242.2 224.3 336.5



#16

Carbon Disulfide

Concen: 2.308 ug/l

RT: 4.736 min Scan# 473

Delta R.T. 0.000 min

Lab File: VN087313.D

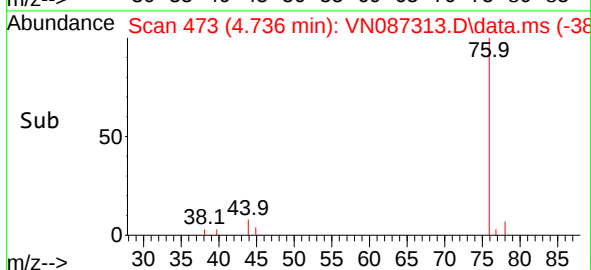
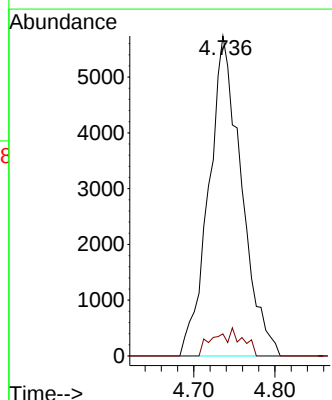
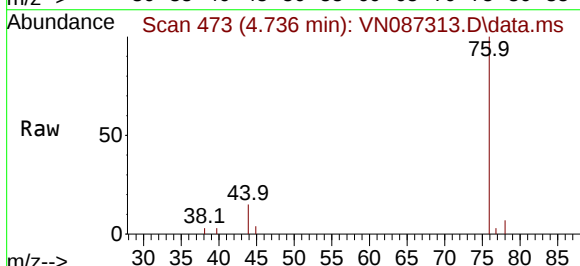
Acq: 09 Jul 2025 16:09

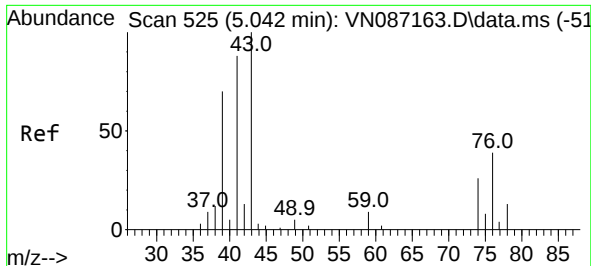
Tgt Ion: 76 Resp: 16022

Ion Ratio Lower Upper

76 100

78 6.9 7.2 10.8#





#17

Allyl chloride

Concen: 0.352 ug/l

RT: 5.030 min Scan# 51

Delta R.T. -0.012 min

Lab File: VN087313.D

Acq: 09 Jul 2025 16:09

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2025

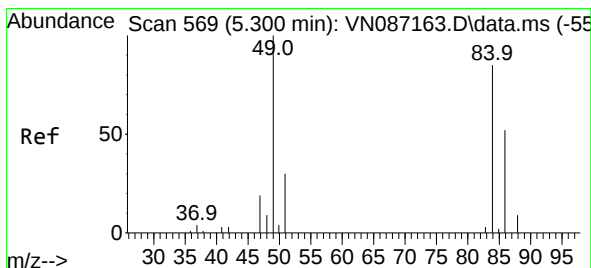
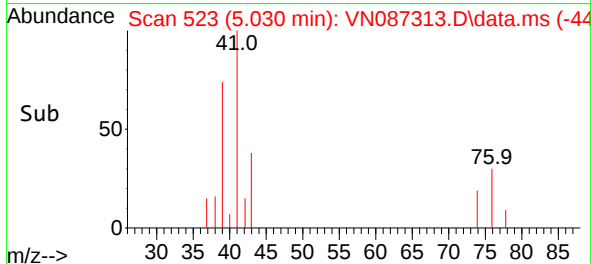
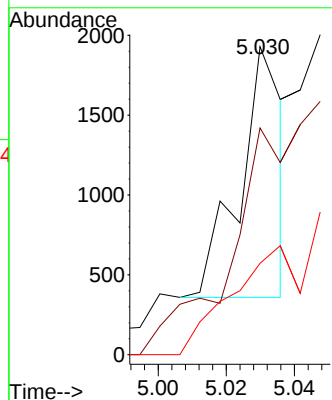
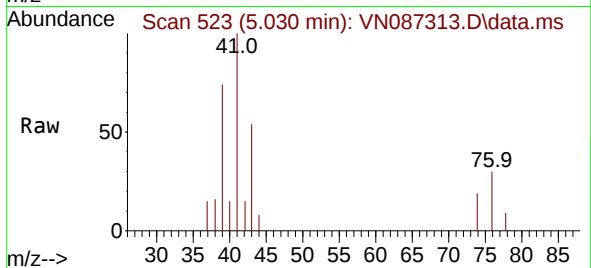
Tgt Ion: 41 Resp: 1380

Ion Ratio Lower Upper

41 100

39 70.3 36.0 108.0

76 36.4 19.5 58.5



#18

Methylene Chloride

Concen: 1.657 ug/l

RT: 5.289 min Scan# 567

Delta R.T. -0.012 min

Lab File: VN087313.D

Acq: 09 Jul 2025 16:09

Tgt Ion: 84 Resp: 4558

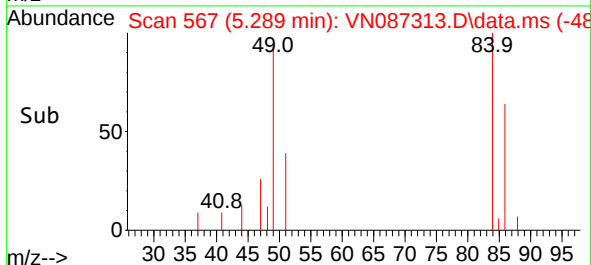
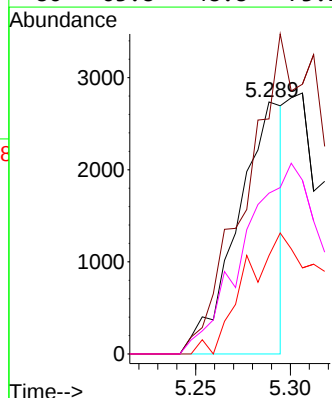
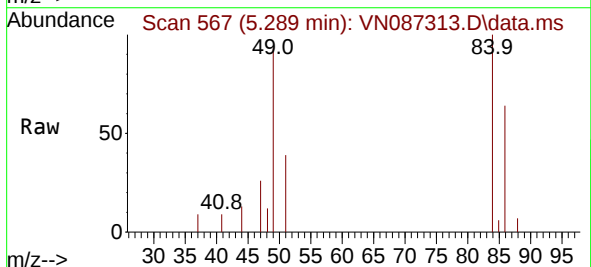
Ion Ratio Lower Upper

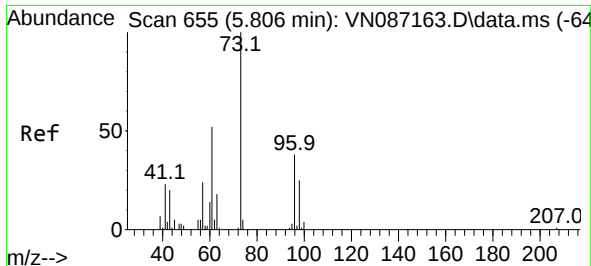
84 100

49 93.2 94.0 141.0#

51 39.1 28.3 42.5

86 63.8 48.8 73.2

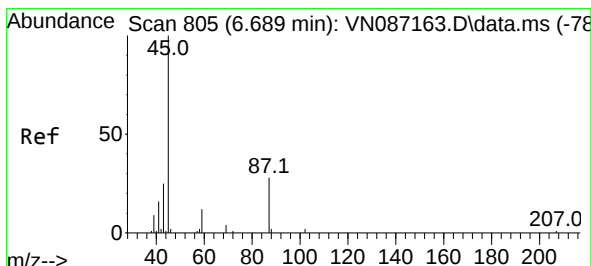
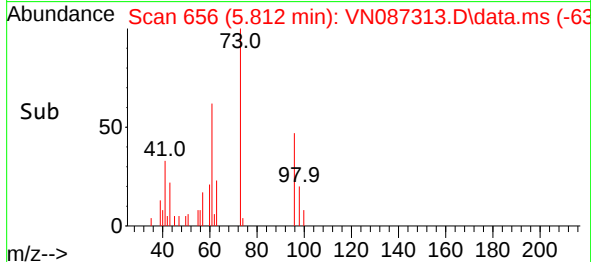
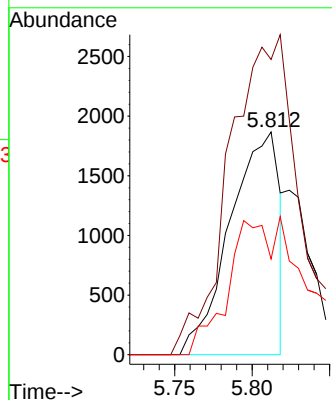
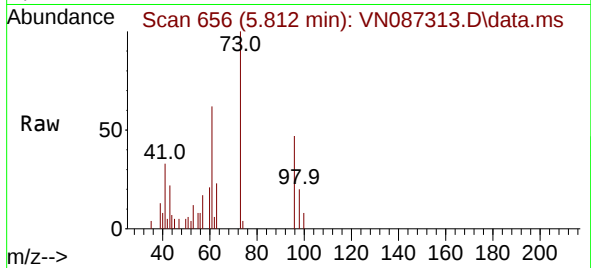




#19
trans-1,2-Dichloroethene
Concen: 1.592 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

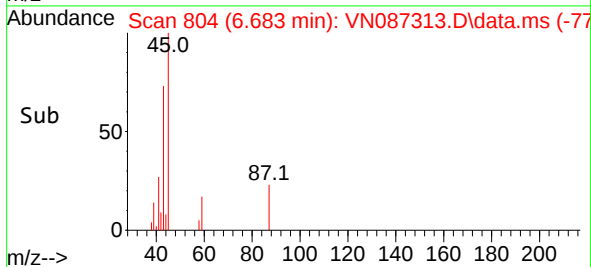
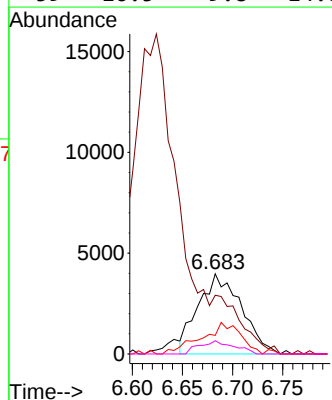
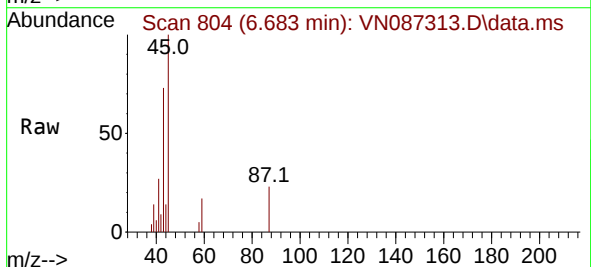
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 96 Resp: 4133
Ion Ratio Lower Upper
96 100
61 124.0 110.3 165.5
98 43.0 51.6 77.4#



#20
Diisopropyl ether
Concen: 1.428 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion: 45 Resp: 11861
Ion Ratio Lower Upper
45 100
43 73.3 45.3 67.9#
87 23.1 22.6 33.8
59 16.5 9.8 14.8#

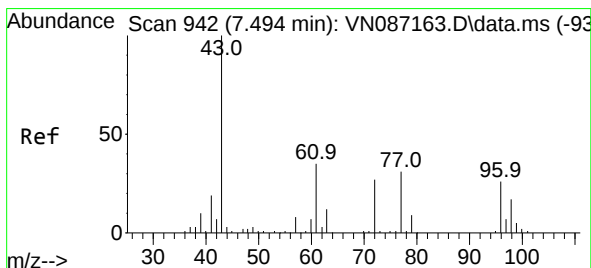
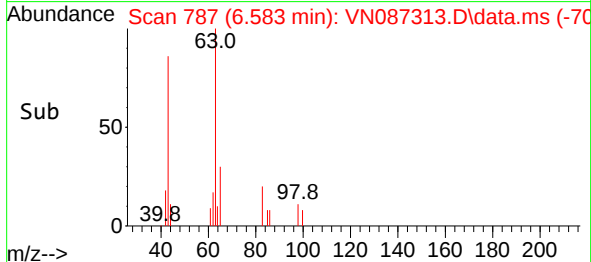
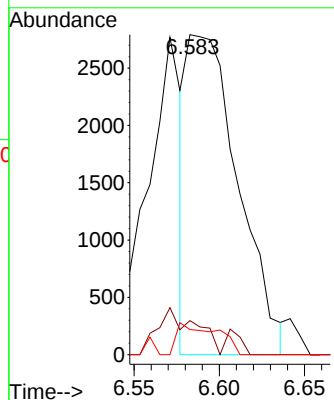
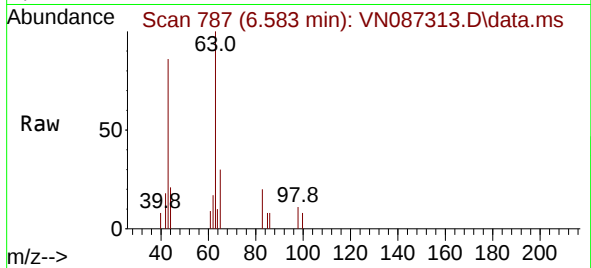




#21
1,1-Dichloroethane
Concen: 1.180 ug/l
RT: 6.583 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

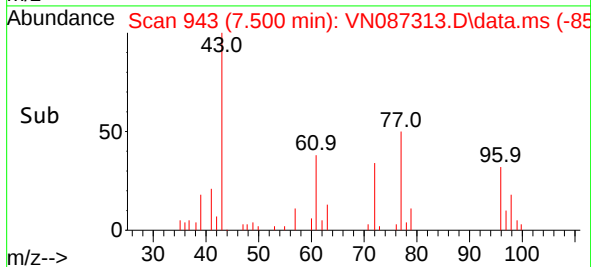
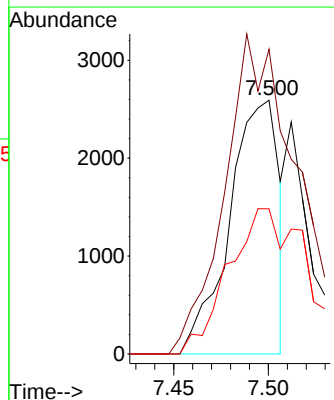
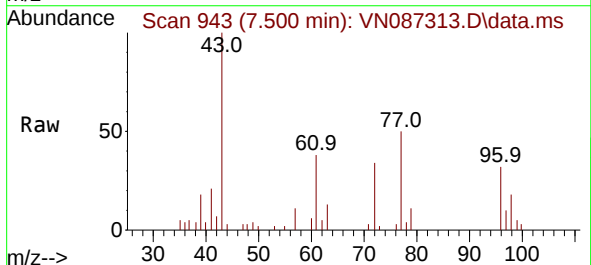
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

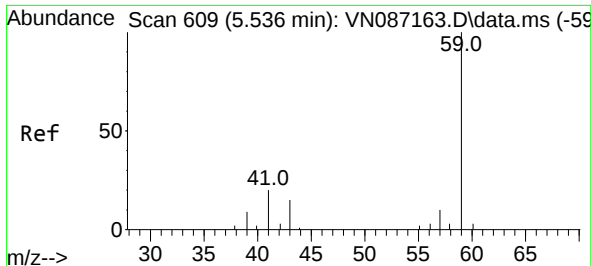
Tgt Ion: 63 Resp: 5859
Ion Ratio Lower Upper
63 100
98 11.8 3.5 10.4#
100 8.7 2.0 5.8#



#22
cis-1,2-Dichloroethene
Concen: 1.563 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion: 96 Resp: 4721
Ion Ratio Lower Upper
96 100
61 183.7 119.2 178.8#
98 59.0 50.6 75.8





#23

tert-Butyl Alcohol

Concen: 9.026 ug/l

RT: 5.536 min Scan# 609

Delta R.T. 0.000 min

Lab File: VN087313.D

Acq: 09 Jul 2025 16:09

Instrument :

MSVOA_N

ClientSampleId :

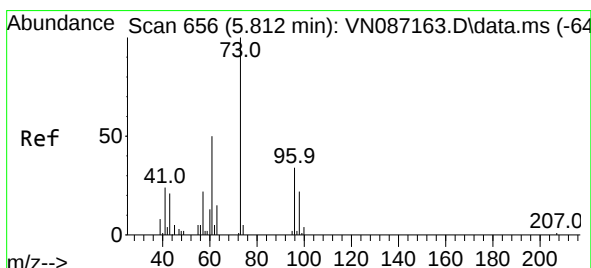
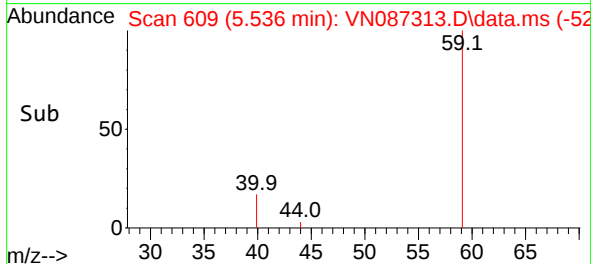
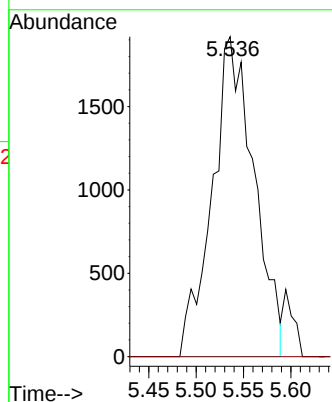
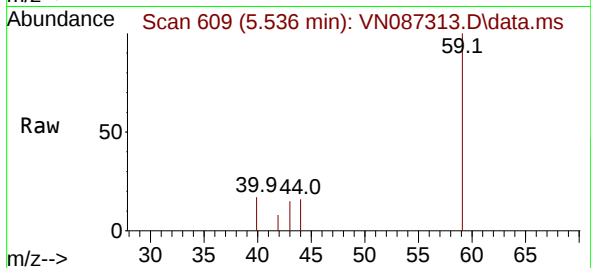
MDL-WATER-03-QT2-2025

Tgt Ion: 59 Resp: 5896

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 1.006 ug/l

RT: 5.812 min Scan# 656

Delta R.T. 0.000 min

Lab File: VN087313.D

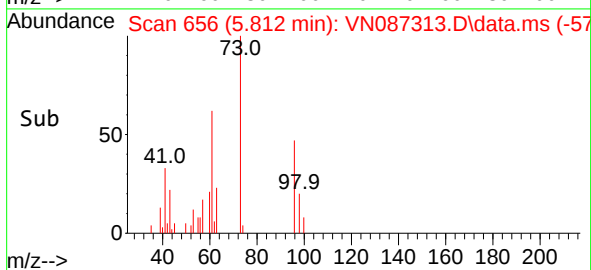
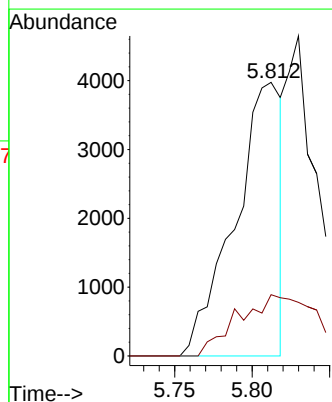
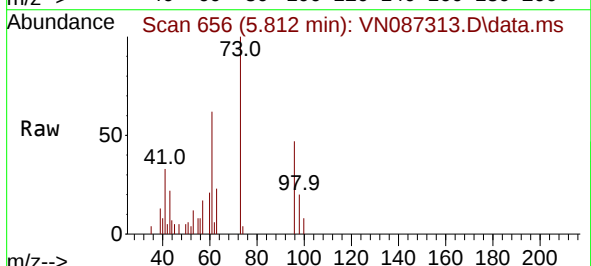
Acq: 09 Jul 2025 16:09

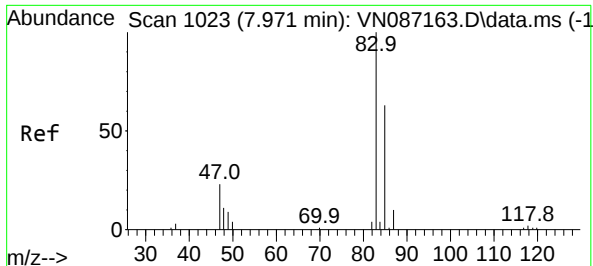
Tgt Ion: 73 Resp: 8375

Ion Ratio Lower Upper

73 100

43 23.6 16.4 24.6

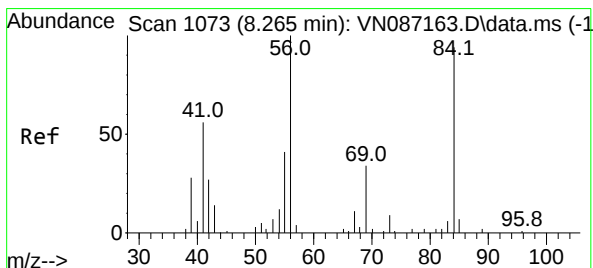
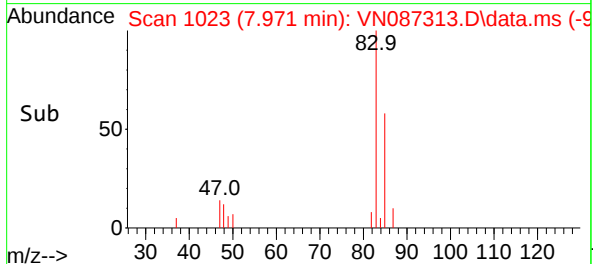
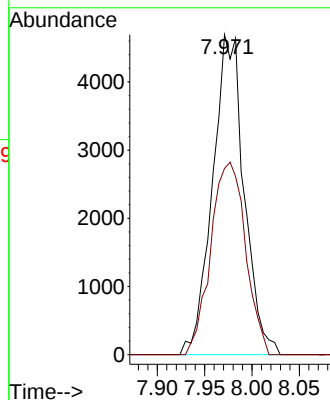
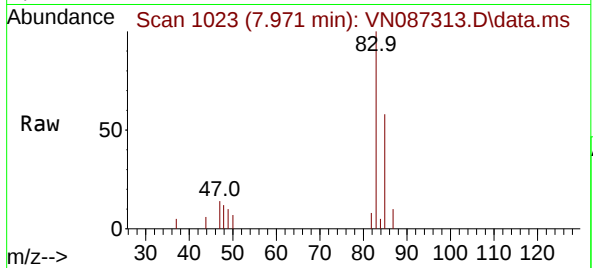




#25
Chloroform
Concen: 2.292 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

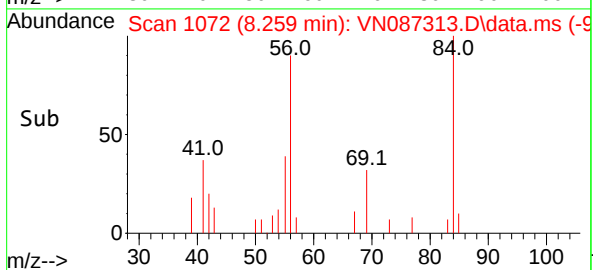
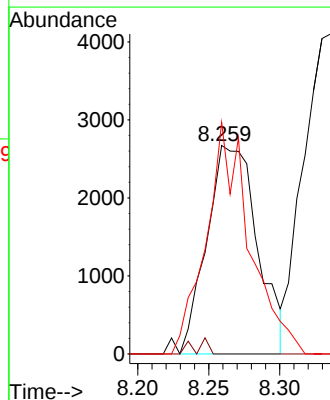
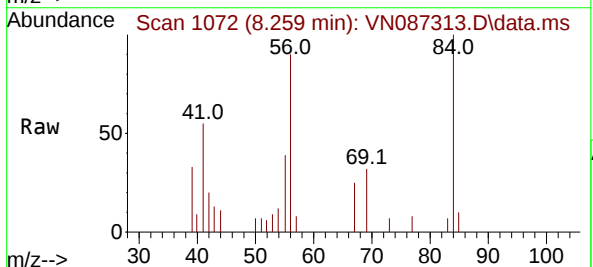
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2025

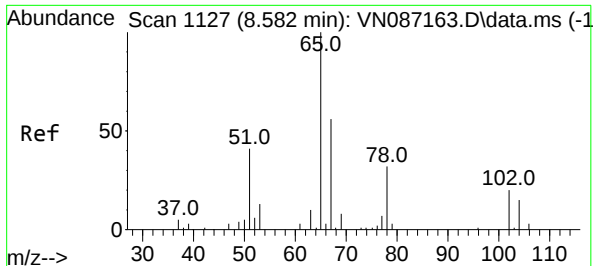
Tgt Ion: 83 Resp: 10901
Ion Ratio Lower Upper
83 100
85 58.2 50.7 76.1



#26
Cyclohexane
Concen: 1.599 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion: 56 Resp: 6599
Ion Ratio Lower Upper
56 100
89 1.1 6.9 10.3#
84 95.6 69.1 103.7

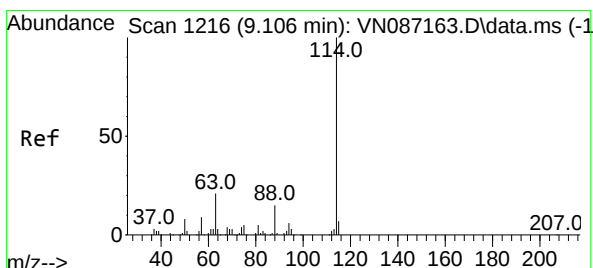
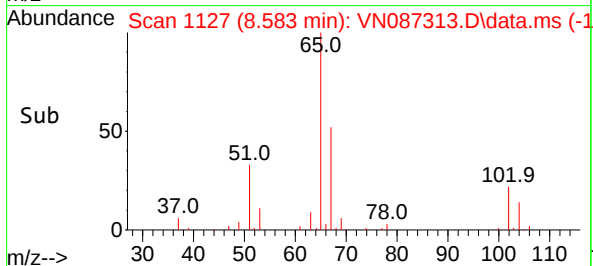
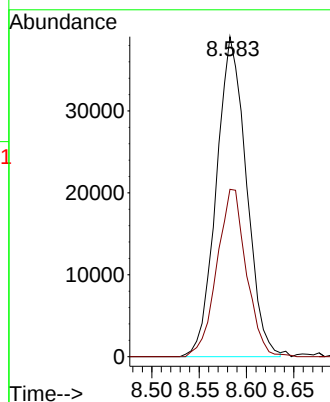
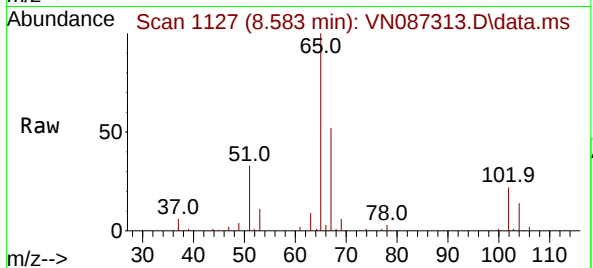




#27
1,2-Dichloroethane-d4
Concen: 29.169 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

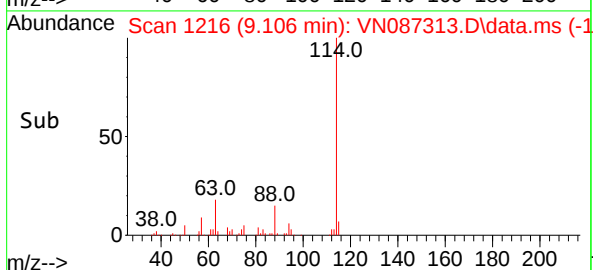
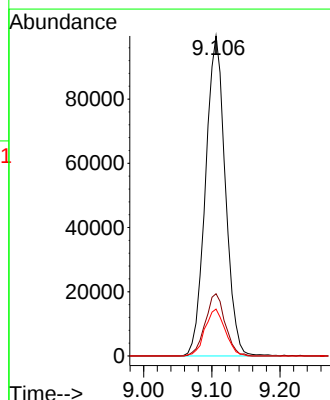
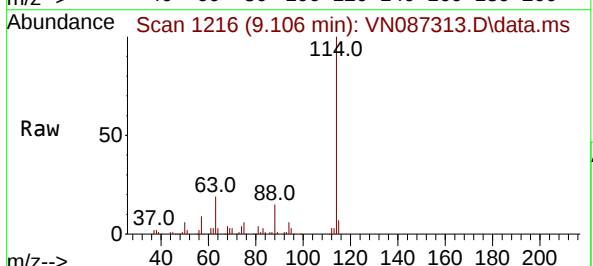
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 65 Resp: 86126
Ion Ratio Lower Upper
65 100
67 51.4 41.9 62.9



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion: 114 Resp: 201445
Ion Ratio Lower Upper
114 100
63 19.5 17.0 25.4
88 15.0 12.6 19.0

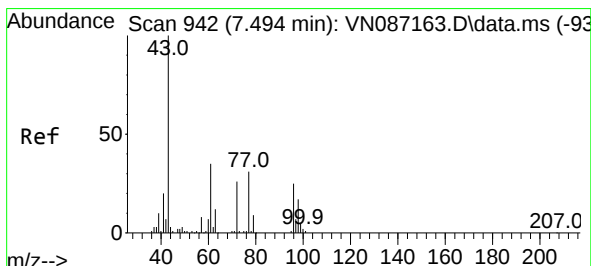
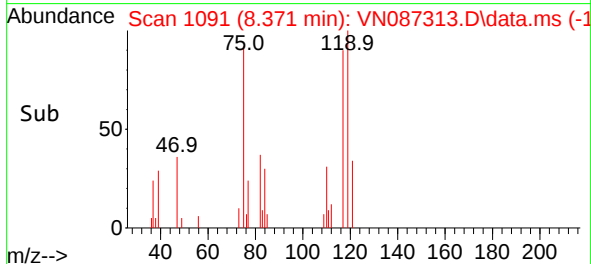
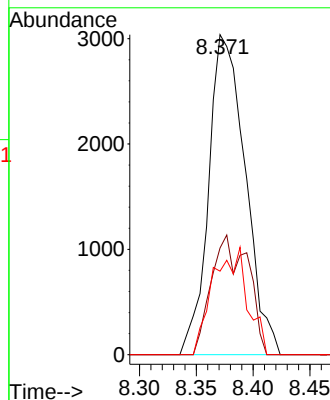
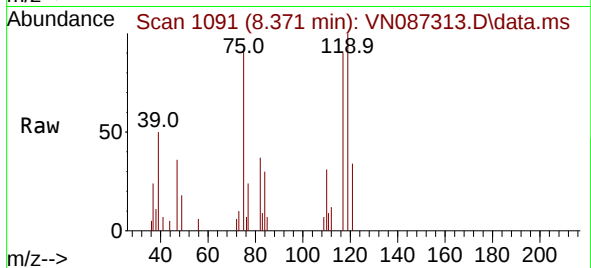




#29
1,1-Dichloropropene
Concen: 2.172 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

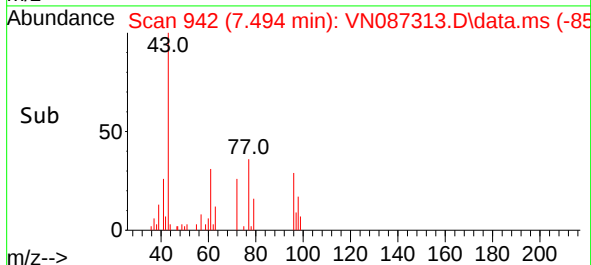
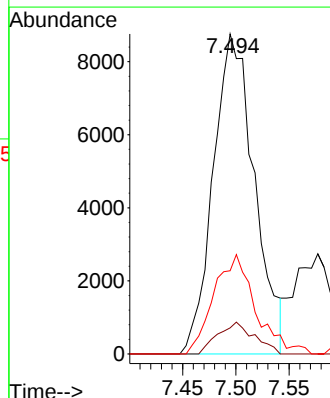
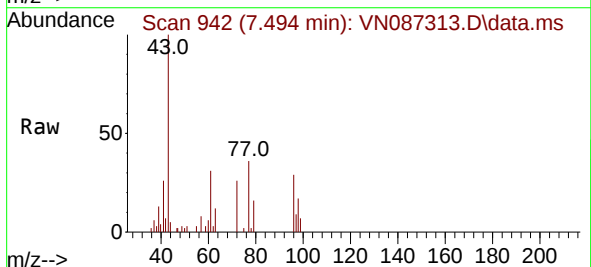
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

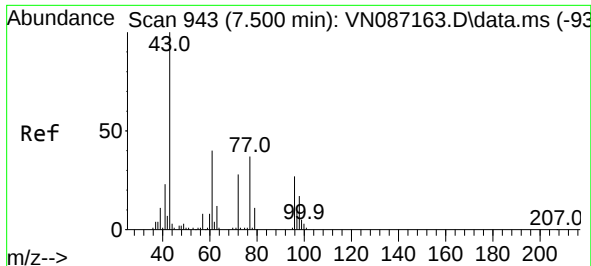
Tgt Ion: 75	Resp: 6820
Ion Ratio	Lower Upper
75 100	
110 22.8	0.0 69.2
77 20.5	0.0 61.8



#30
2-Butanone
Concen: 11.108 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion: 43	Resp: 23527
Ion Ratio	Lower Upper
43 100	
57 8.8	6.3 9.5
72 30.6	21.8 32.6





#31

2,2-Dichloropropane

Concen: 2.680 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.000 min

Lab File: VN087313.D

Acq: 09 Jul 2025 16:09

Instrument :

MSVOA_N

ClientSampleId :

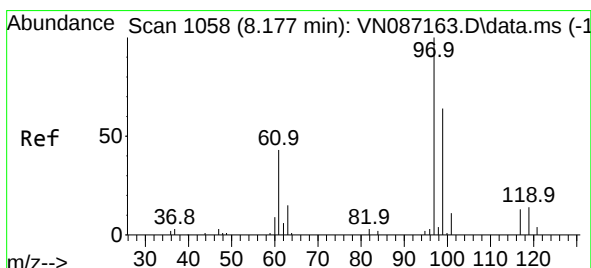
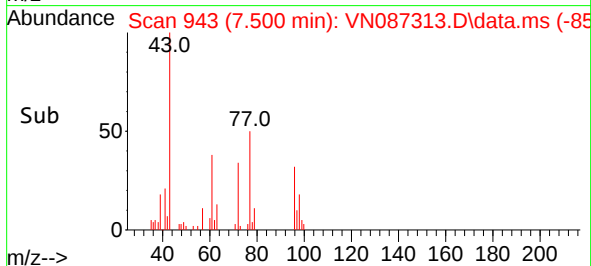
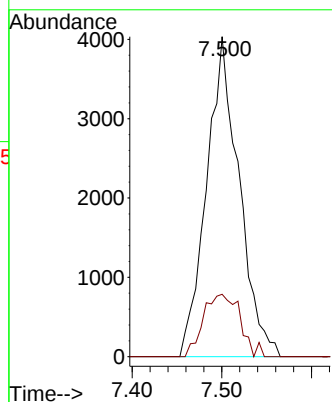
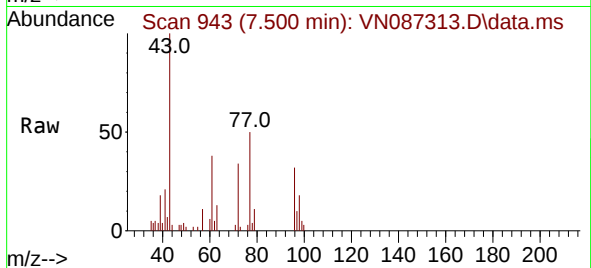
MDL-WATER-03-QT2-2025

Tgt Ion: 77 Resp: 10157

Ion Ratio Lower Upper

77 100

97 17.2 18.4 27.6#



#32

1,1,1-Trichloroethane

Concen: 2.725 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN087313.D

Acq: 09 Jul 2025 16:09

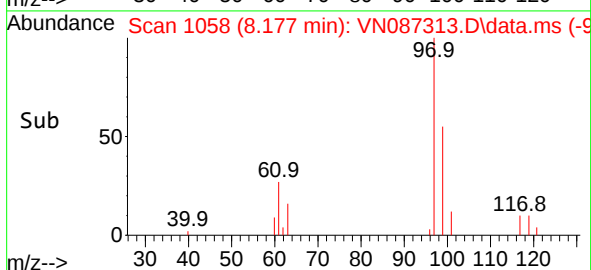
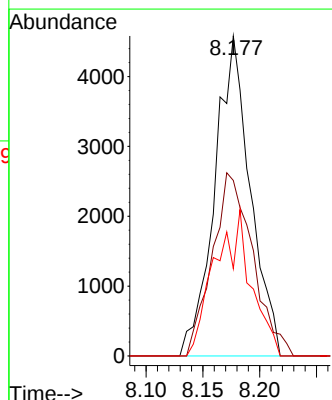
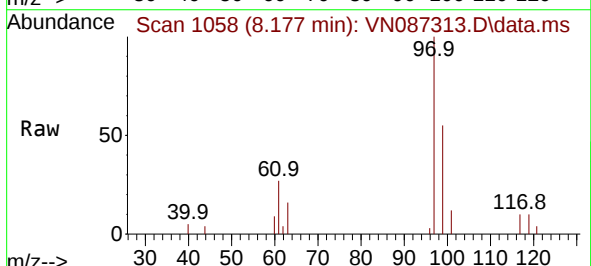
Tgt Ion: 97 Resp: 9996

Ion Ratio Lower Upper

97 100

99 0.0 50.8 76.2#

61 19.7 36.1 54.1#

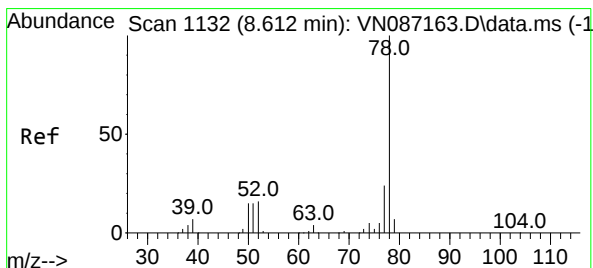
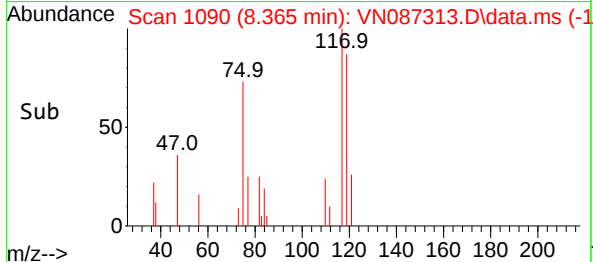
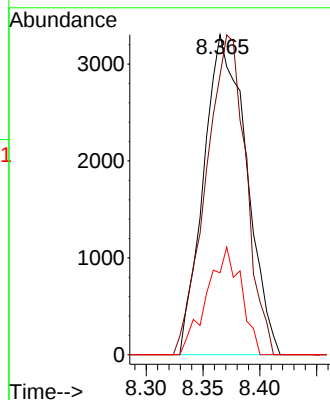
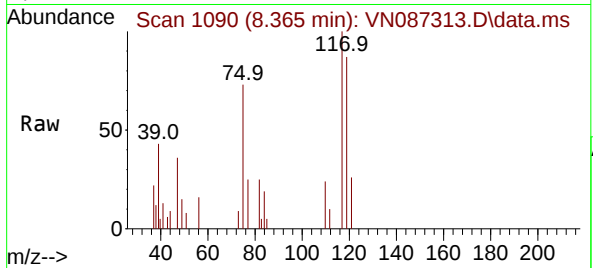




#33
Carbon Tetrachloride
Concen: 2.801 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

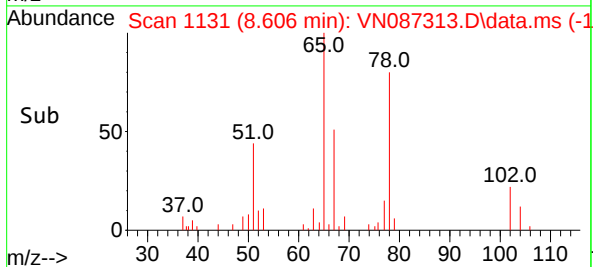
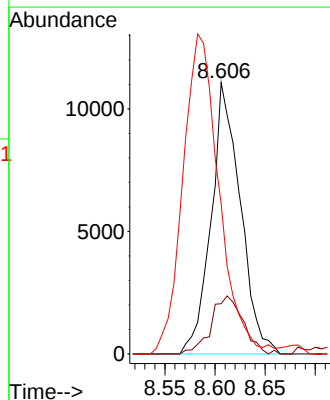
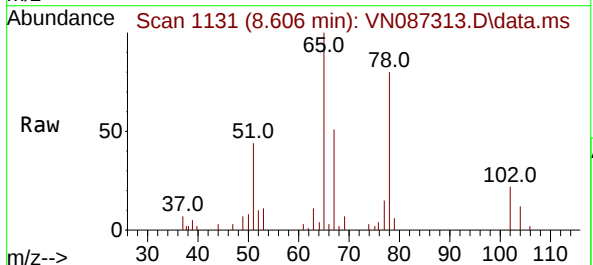
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2025

Tgt Ion:117 Resp: 8647
Ion Ratio Lower Upper
117 100
119 87.3 75.8 113.6
121 25.6 26.2 39.4#



#34
Benzene
Concen: 2.253 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion: 78 Resp: 22408
Ion Ratio Lower Upper
78 100
77 18.5 19.5 29.3#
51 53.1 14.8 22.2#

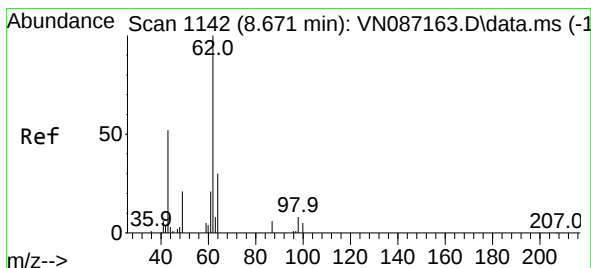
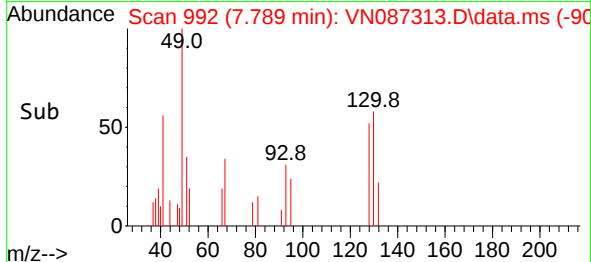
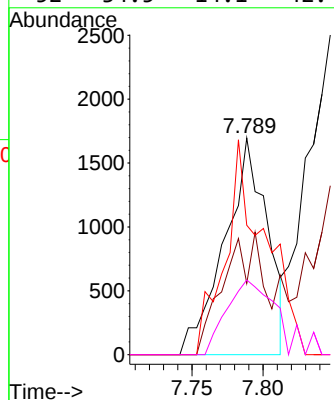
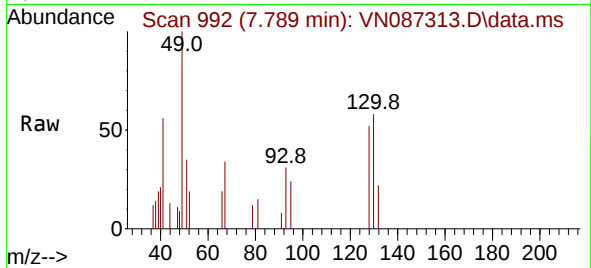




#35
Methacrylonitrile
Concen: 1.654 ug/l
RT: 7.789 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

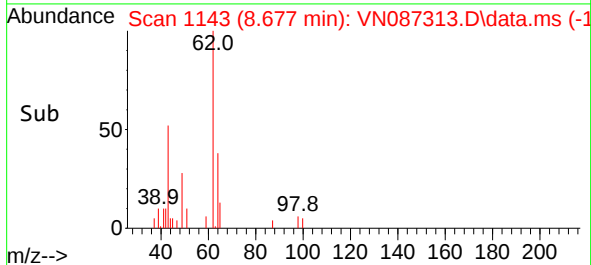
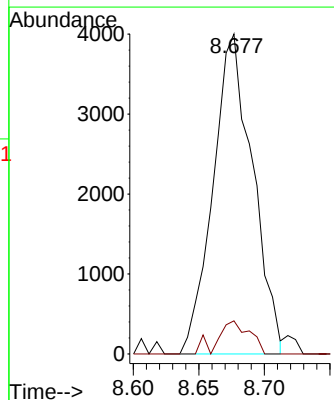
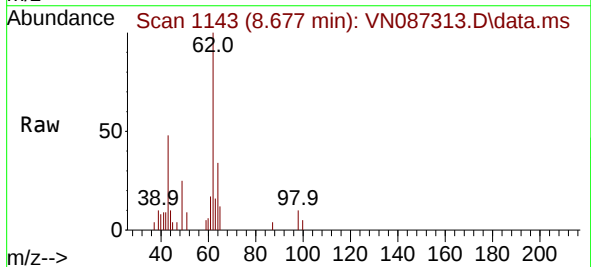
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

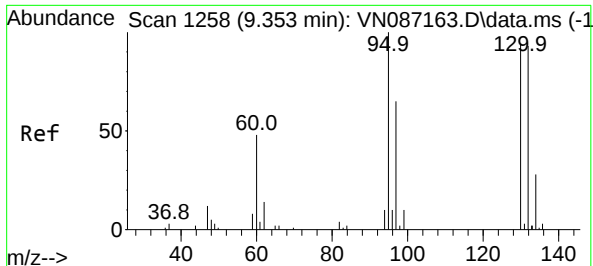
Tgt Ion:	41	Resp:	3530
Ion Ratio	Lower	Upper	
41	100		
39	33.0	24.4	73.2
67	59.7	33.3	99.8
52	34.5	14.1	42.4



#36
1,2-Dichloroethane
Concen: 2.616 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion:	62	Resp:	8408
Ion Ratio	Lower	Upper	
62	100		
98	7.3	7.2	10.8





#37

Trichloroethene

Concen: 2.663 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087313.D

Acq: 09 Jul 2025 16:09

Instrument :

MSVOA_N

ClientSampleId :

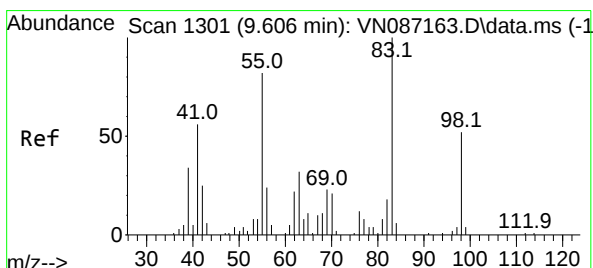
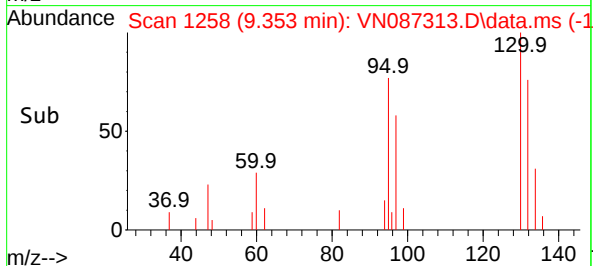
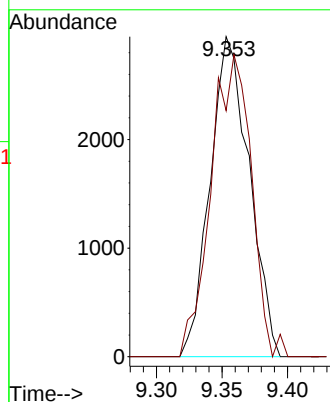
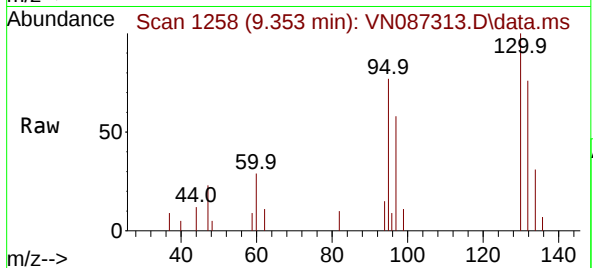
MDL-WATER-03-QT2-2025

Tgt Ion:130 Resp: 6109

Ion Ratio Lower Upper

130 100

95 76.9 85.3 127.9#



#38

Methylcyclohexane

Concen: 2.030 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN087313.D

Acq: 09 Jul 2025 16:09

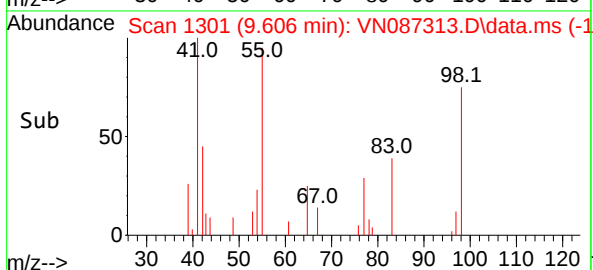
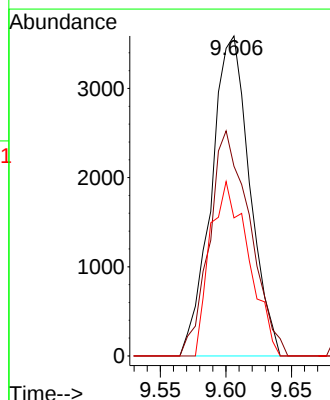
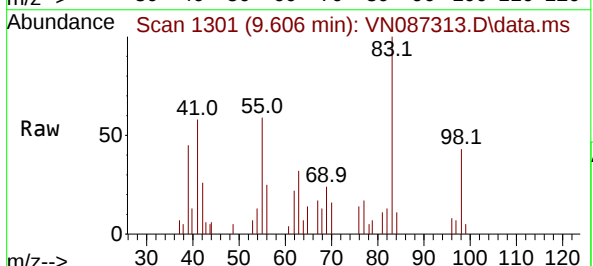
Tgt Ion: 83 Resp: 7313

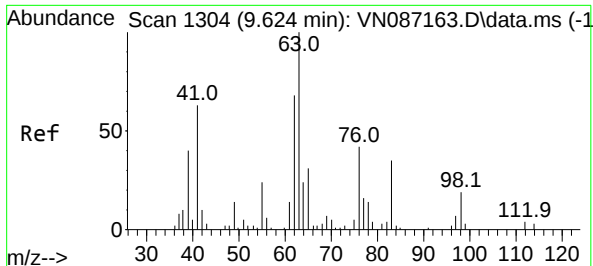
Ion Ratio Lower Upper

83 100

55 74.4 40.1 120.2

98 54.4 24.4 73.2





#39

1,2-Dichloropropane

Concen: 2.201 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087313.D

Acq: 09 Jul 2025 16:09

Instrument :

MSVOA_N

ClientSampleId :

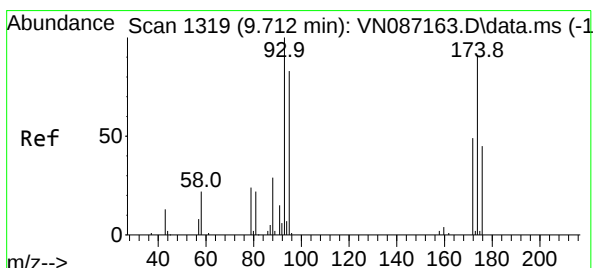
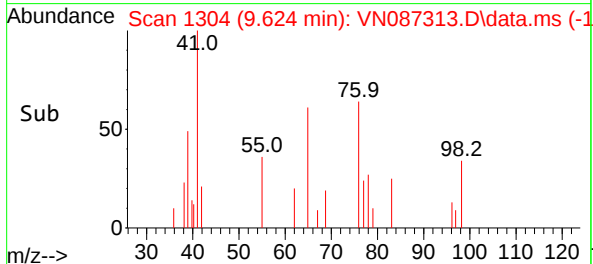
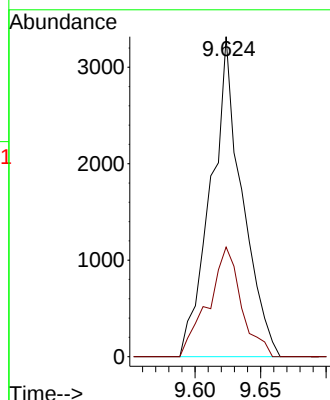
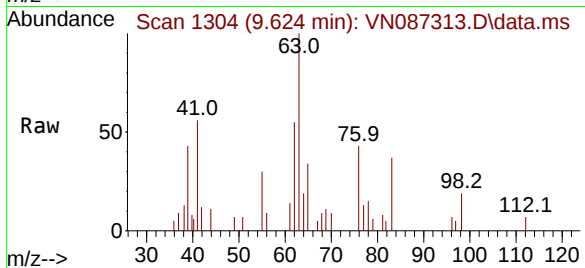
MDL-WATER-03-QT2-2025

Tgt Ion: 63 Resp: 5496

Ion Ratio Lower Upper

63 100

65 34.2 24.6 36.8



#40

Dibromomethane

Concen: 2.767 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN087313.D

Acq: 09 Jul 2025 16:09

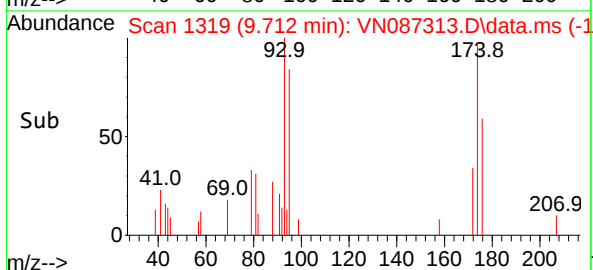
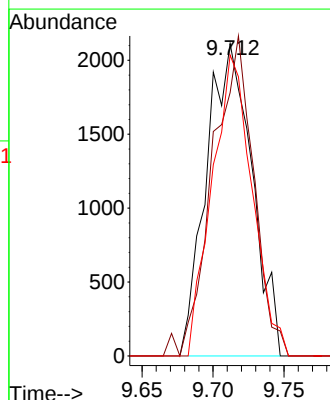
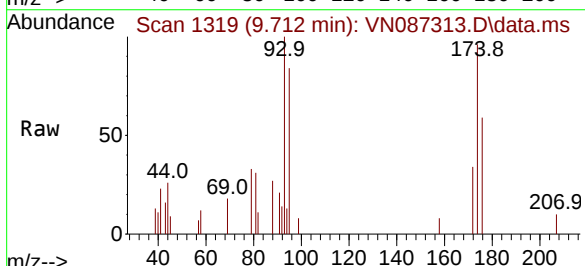
Tgt Ion: 93 Resp: 4697

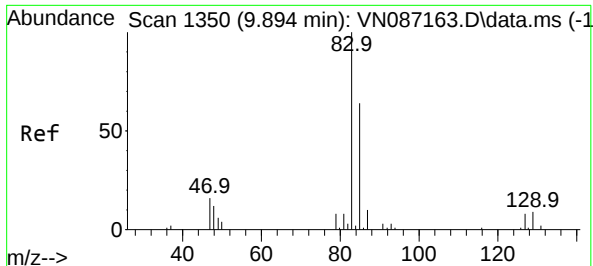
Ion Ratio Lower Upper

93 100

95 91.5 0.0 170.8

174 85.4 0.0 176.6

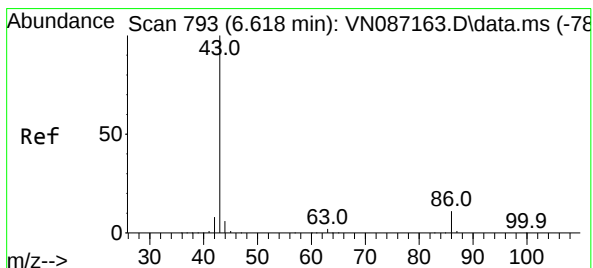
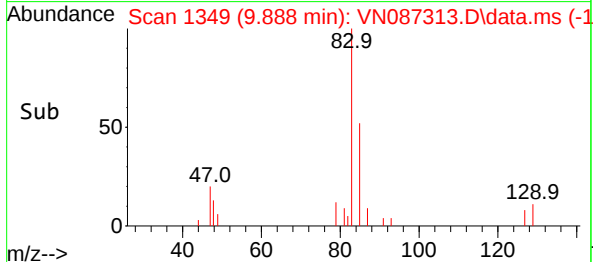
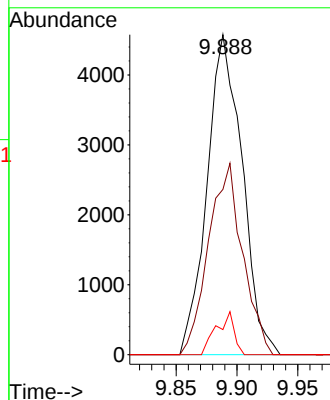
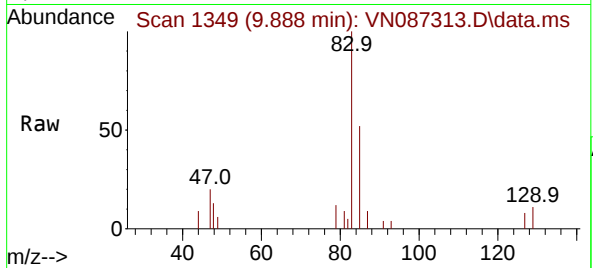




#41
Bromodichloromethane
Concen: 2.680 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

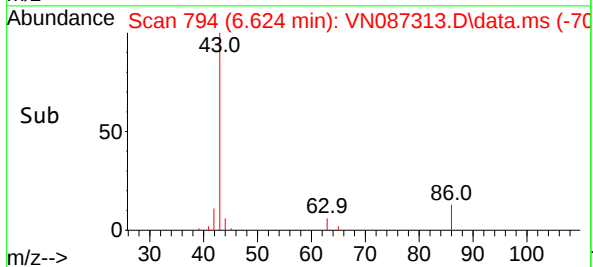
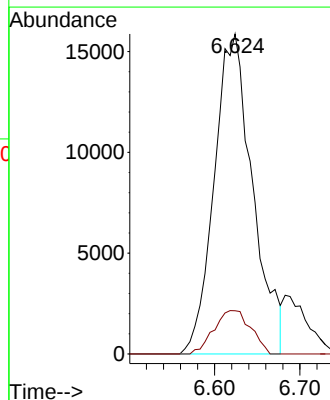
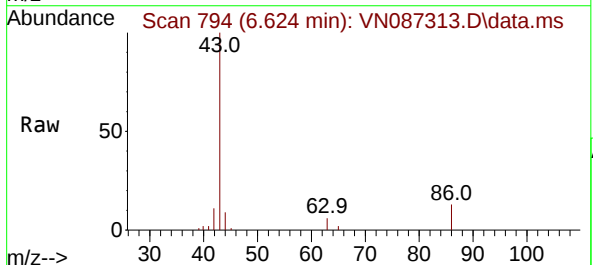
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

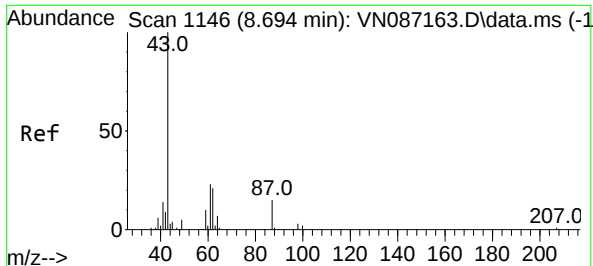
Tgt Ion: 83 Resp: 9185
Ion Ratio Lower Upper
83 100
85 51.6 51.4 77.2
127 7.8 6.1 9.1



#42
Vinyl Acetate
Concen: 7.219 ug/l
RT: 6.624 min Scan# 794
Delta R.T. 0.006 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion: 43 Resp: 49727
Ion Ratio Lower Upper
43 100
86 13.0 7.7 11.5

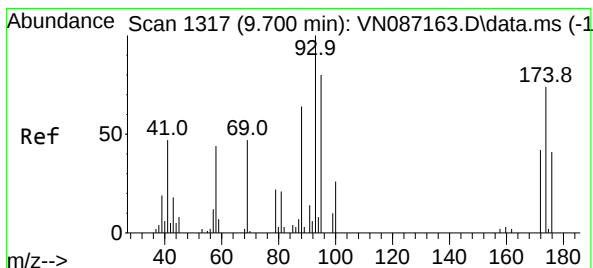
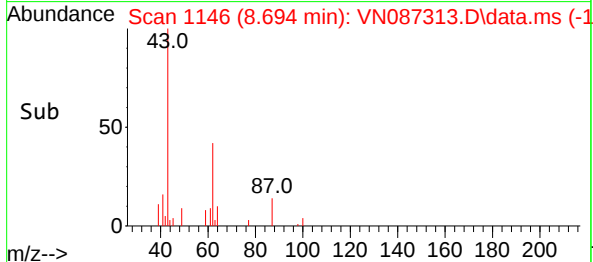
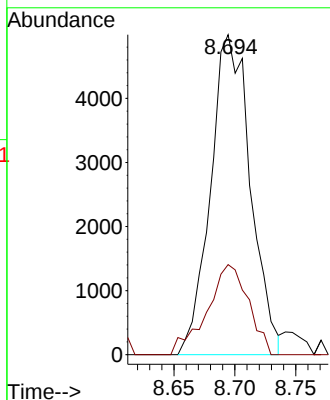
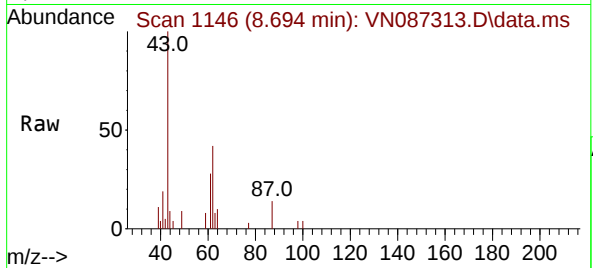




#44
Isopropyl Acetate
Concen: 1.826 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

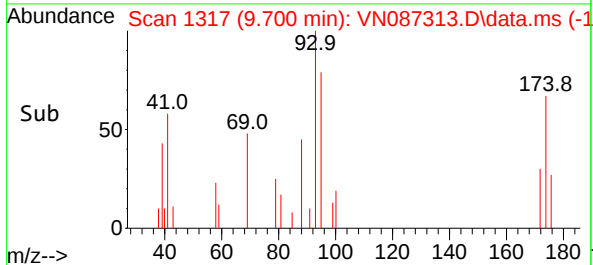
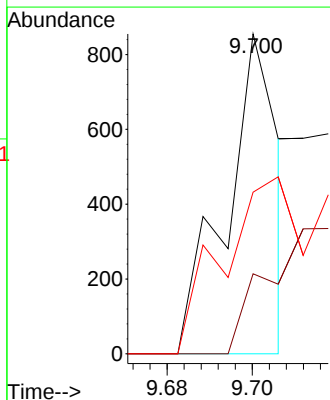
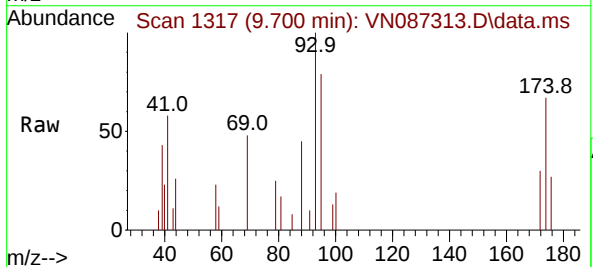
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

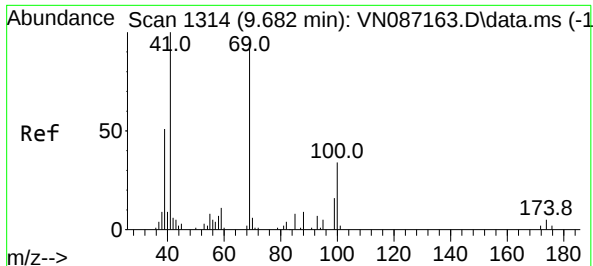
Tgt Ion: 43 Resp: 11378
Ion Ratio Lower Upper
43 100
61 29.1 20.5 30.7



#45
1,4-Dioxane
Concen: 17.418 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion: 88 Resp: 734
Ion Ratio Lower Upper
88 100
43 34.6 21.3 31.9#
58 80.0 61.7 92.5

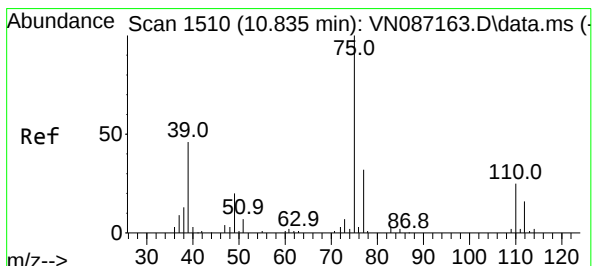
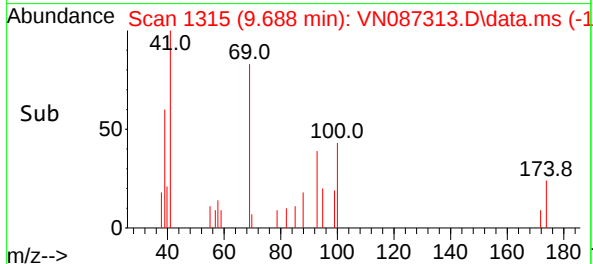
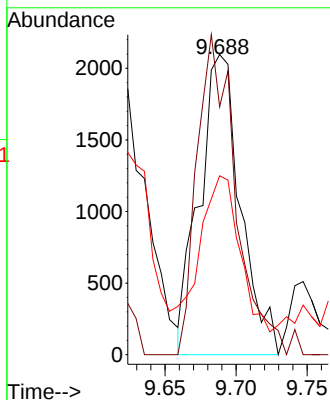
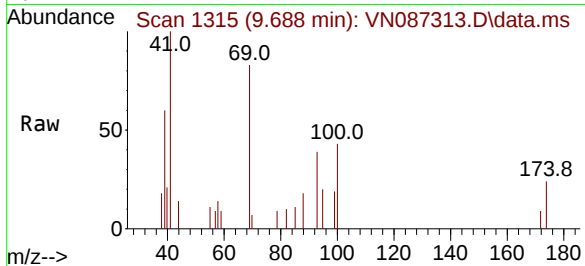




#46
Methyl methacrylate
Concen: 1.460 ug/l
RT: 9.688 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

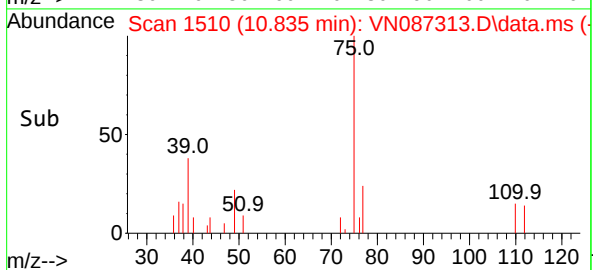
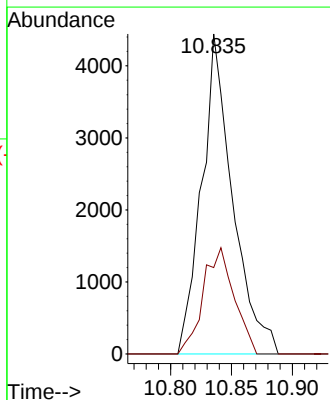
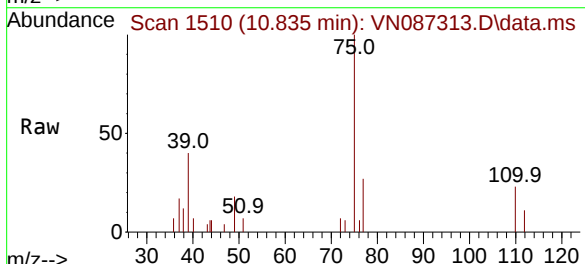
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

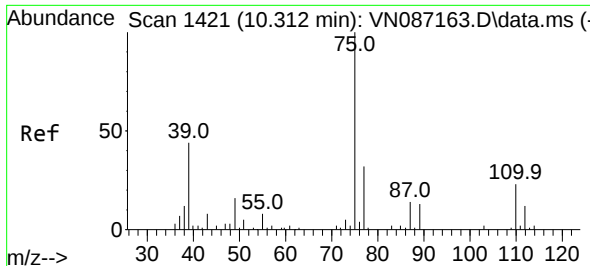
Tgt Ion:	41	Resp:	4229
Ion	Ratio	Lower	Upper
41	100		
69	82.5	45.6	136.9
39	49.7	26.2	78.5



#48
t-1,3-Dichloropropene
Concen: 2.055 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion:	75	Resp:	7850
Ion	Ratio	Lower	Upper
75	100		
77	27.0	25.4	38.0

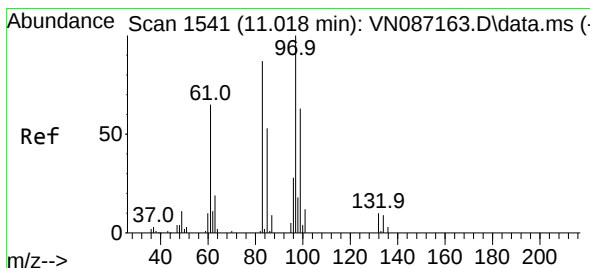
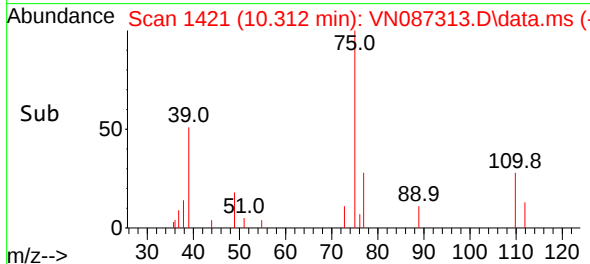
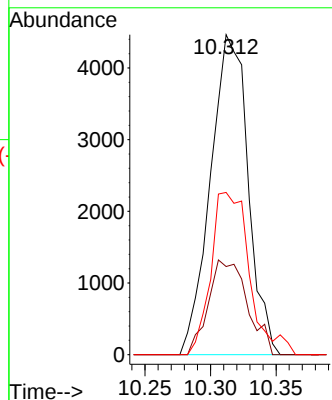
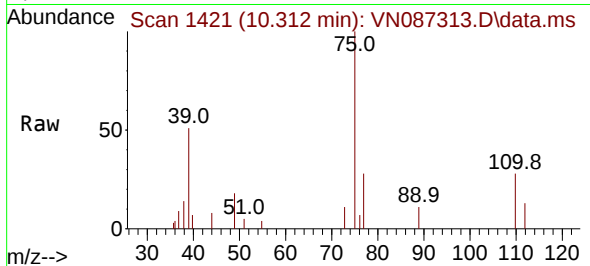




#49
 cis-1,3-Dichloropropene
 Concen: 2.194 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN087313.D
 Acq: 09 Jul 2025 16:09

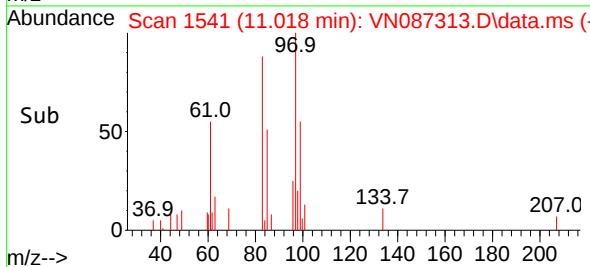
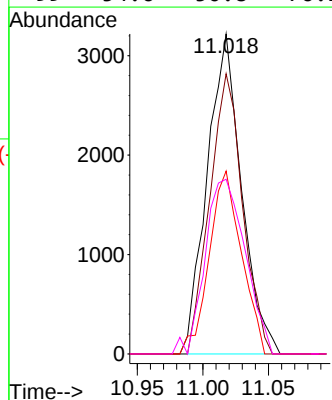
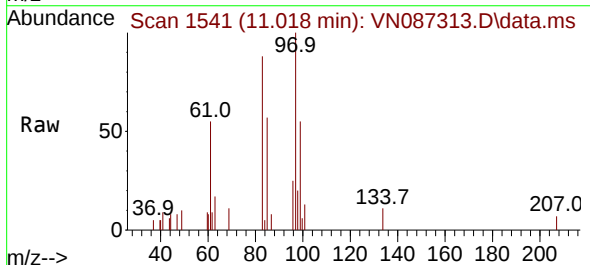
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2025

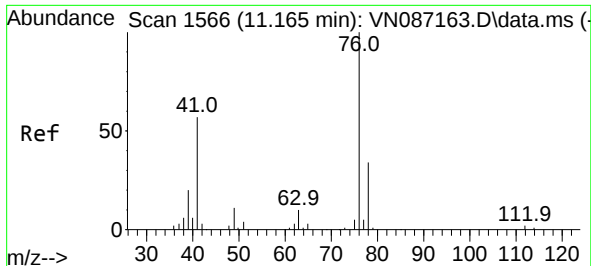
Tgt Ion:	75	Resp:	8910
Ion	Ratio	Lower	Upper
75	100		
77	27.6	25.4	38.2
39	50.7	35.3	52.9



#50
 1,1,2-Trichloroethane
 Concen: 2.430 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN087313.D
 Acq: 09 Jul 2025 16:09

Tgt Ion:	97	Resp:	5859
Ion	Ratio	Lower	Upper
97	100		
83	87.5	69.6	104.4
85	57.1	42.0	63.0
99	54.6	50.8	76.2

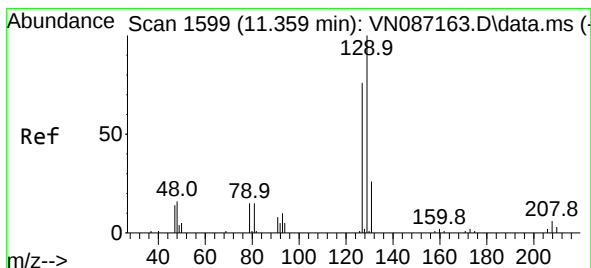
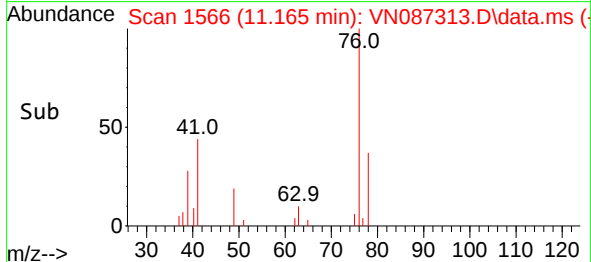
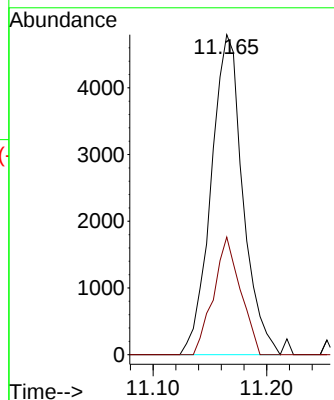
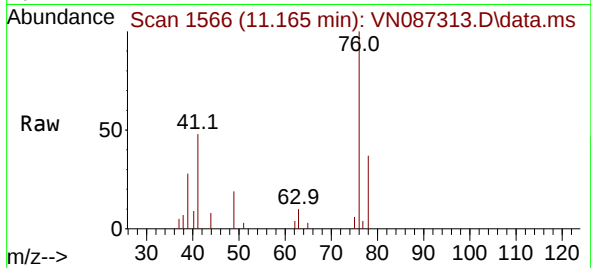




#52
1,3-Dichloropropane
Concen: 2.254 ug/l
RT: 11.165 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

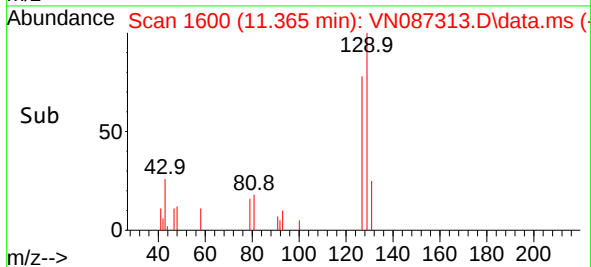
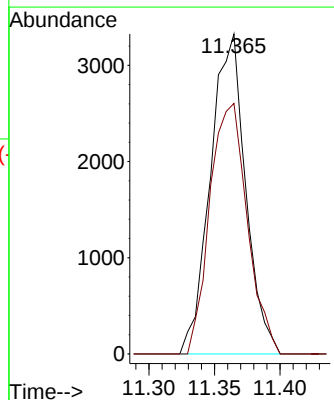
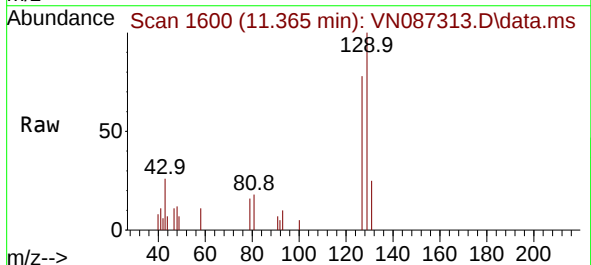
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

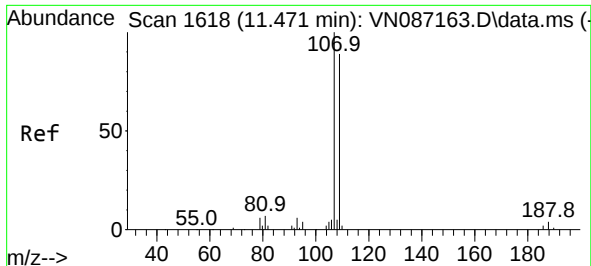
Tgt Ion: 76 Resp: 9331
Ion Ratio Lower Upper
76 100
78 31.1 0.0 63.0



#53
Dibromochloromethane
Concen: 2.448 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion: 129 Resp: 6198
Ion Ratio Lower Upper
129 100
127 83.4 39.6 118.8

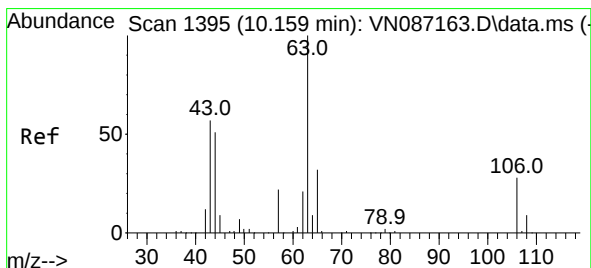
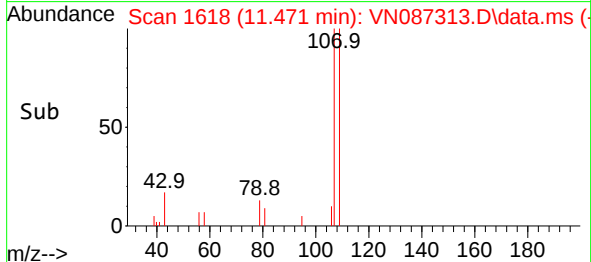
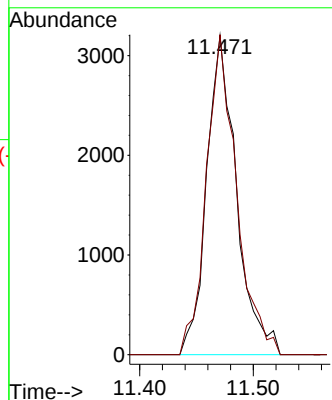
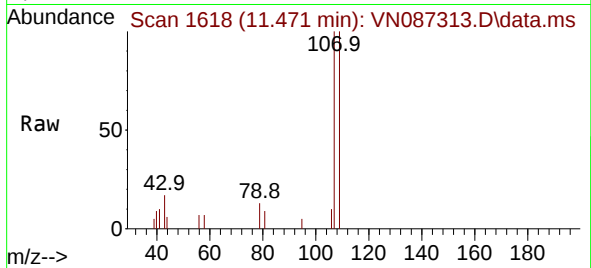




#54
1,2-Dibromoethane
Concen: 2.351 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

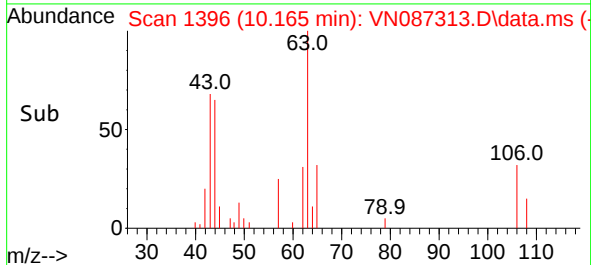
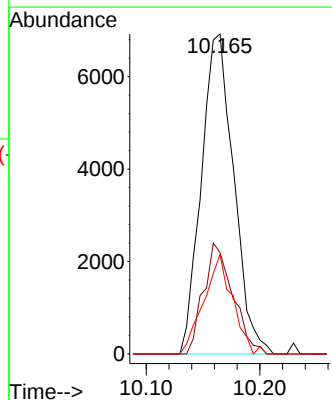
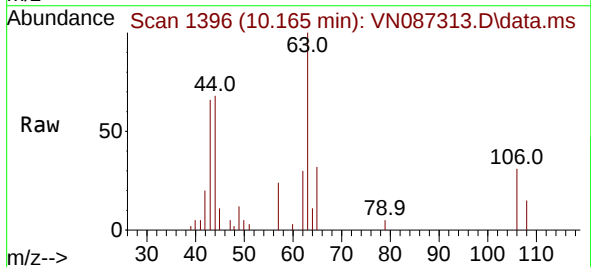
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2025

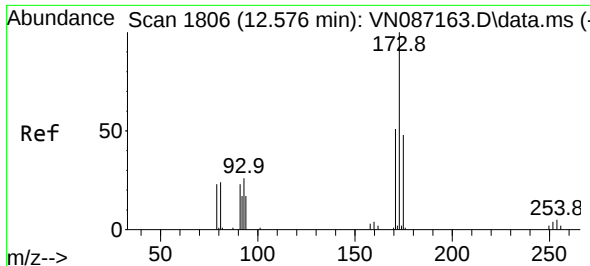
Tgt Ion:107 Resp: 5850
Ion Ratio Lower Upper
107 100
109 101.2 73.5 110.3



#55
2-Chloroethyl vinyl ether
Concen: 6.518 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion: 63 Resp: 13713
Ion Ratio Lower Upper
63 100
65 31.4 25.6 38.4
106 27.1 21.9 32.9

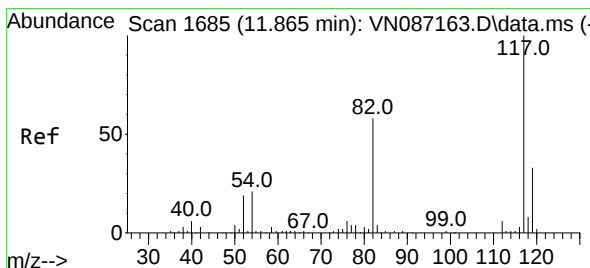
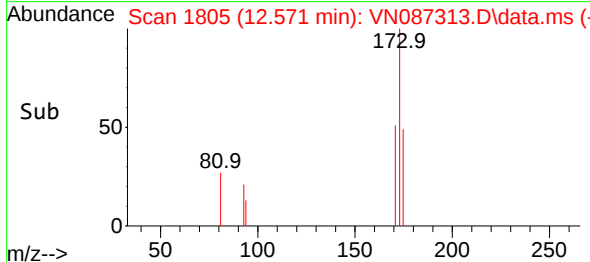
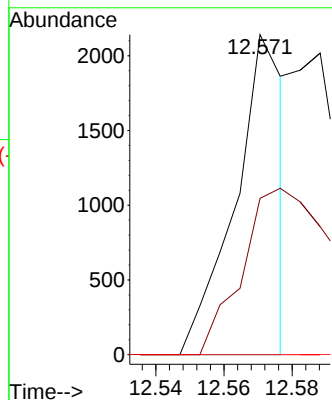
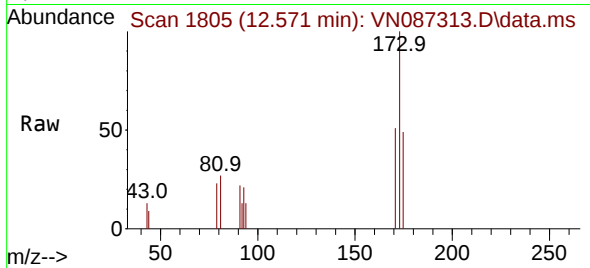




#56
Bromoform
Concen: 1.237 ug/l
RT: 12.571 min Scan# 1805
Delta R.T. -0.006 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

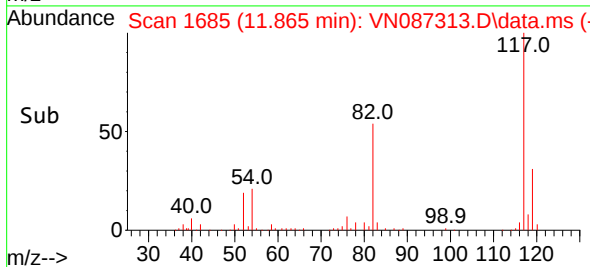
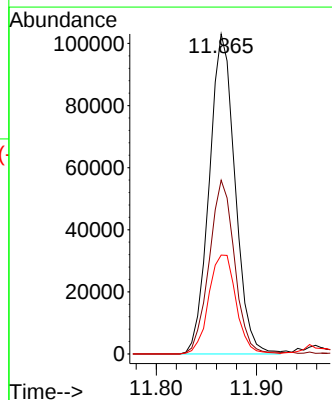
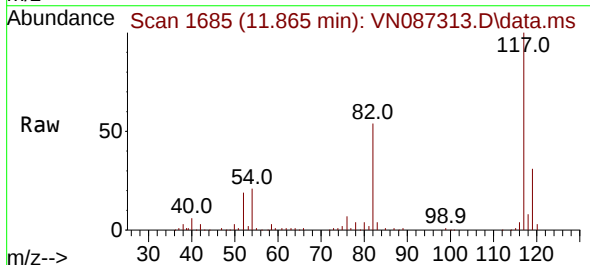
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

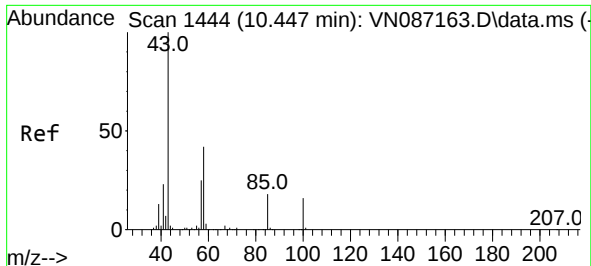
Tgt Ion:173 Resp: 2153
Ion Ratio Lower Upper
173 100
175 98.0 38.7 58.1#
254 0.0 4.2 6.4#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion:117 Resp: 184098
Ion Ratio Lower Upper
117 100
82 53.5 45.4 68.2
119 32.8 26.2 39.4

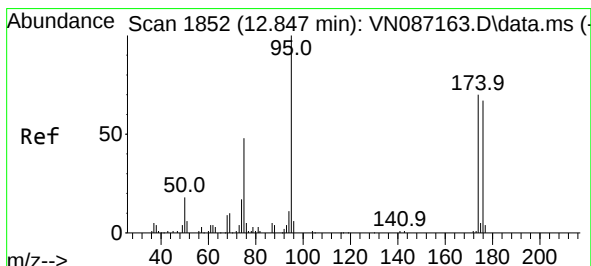
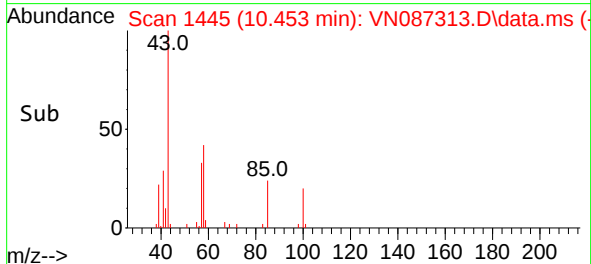
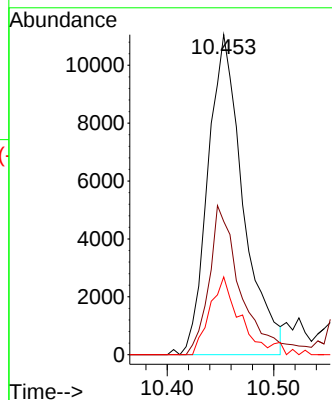
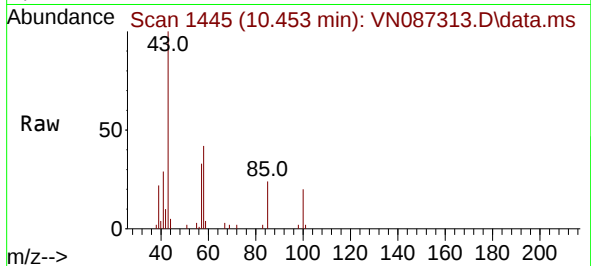




#58
4-Methyl-2-Pentanone
Concen: 6.856 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

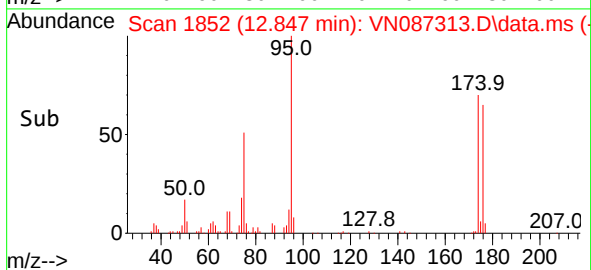
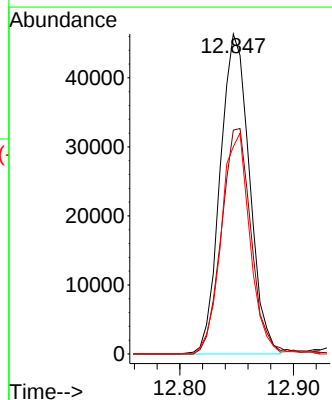
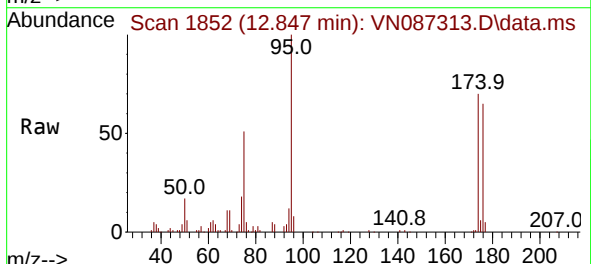
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

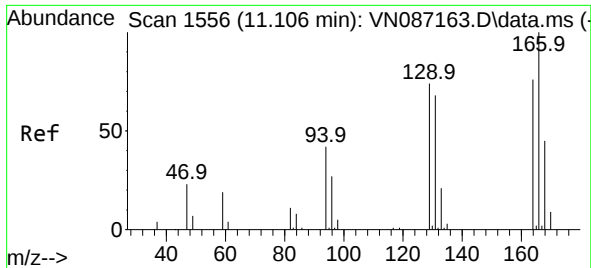
Tgt Ion:	43	Resp:	25376
Ion	Ratio	Lower	Upper
43	100		
58	42.8	32.6	49.0
85	20.3	14.6	22.0



#60
4-Bromofluorobenzene
Concen: 29.248 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion:	95	Resp:	83088
Ion	Ratio	Lower	Upper
95	100		
174	71.3	54.5	81.7
176	67.3	51.9	77.9

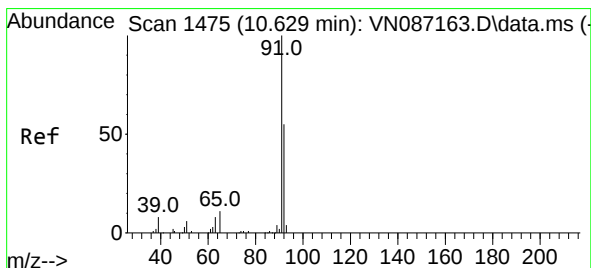
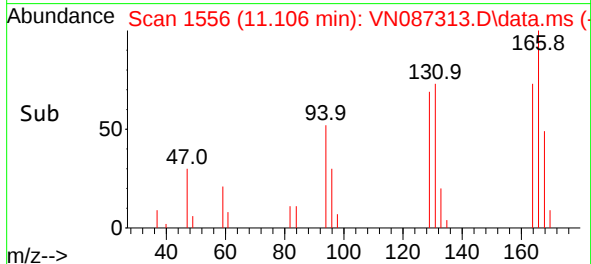
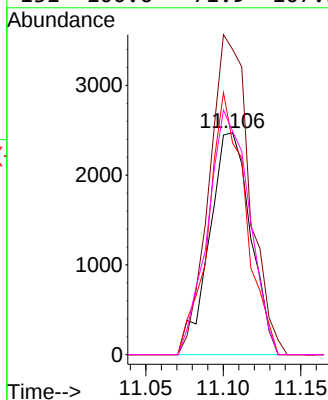
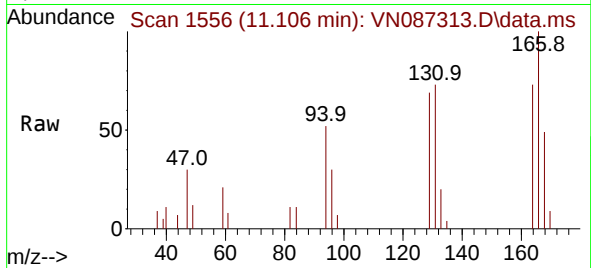




#61
Tetrachloroethene
Concen: 2.498 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

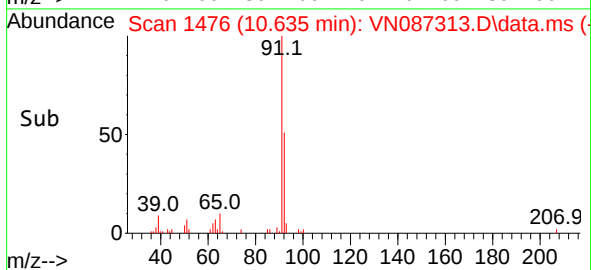
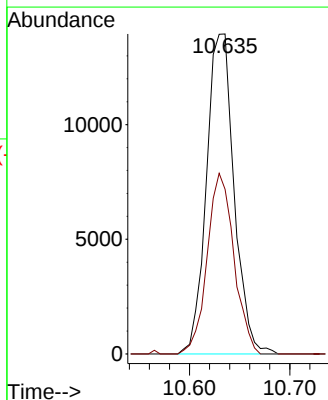
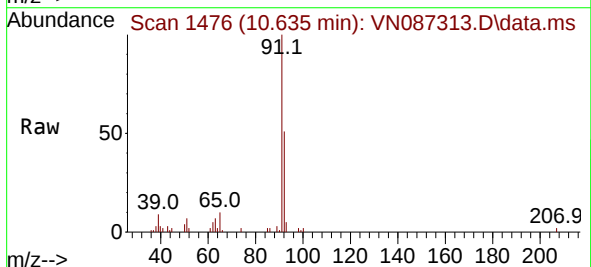
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

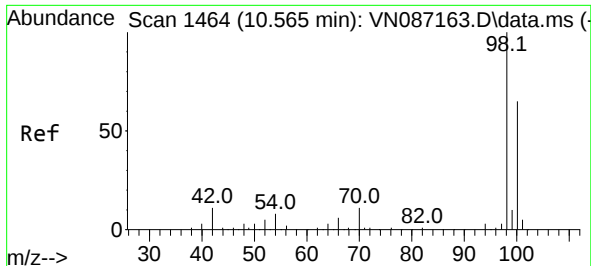
Tgt Ion:164 Resp: 4555
Ion Ratio Lower Upper
164 100
166 137.5 105.4 158.2
129 95.4 77.9 116.9
131 100.6 71.9 107.9



#62
Toluene
Concen: 2.573 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion: 91 Resp: 26748
Ion Ratio Lower Upper
91 100
92 54.5 45.8 68.8

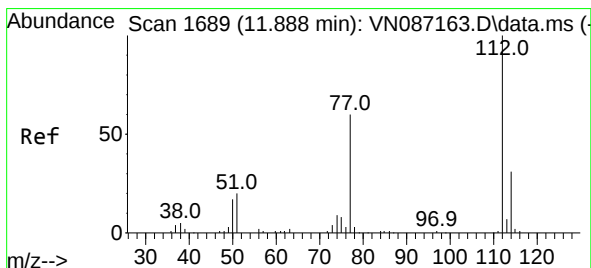
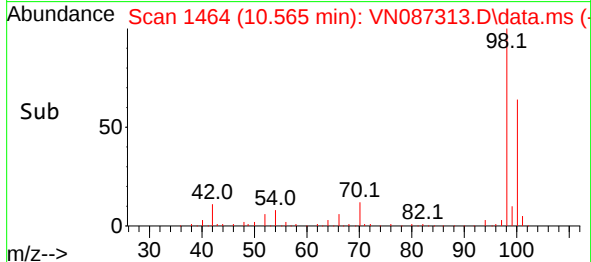
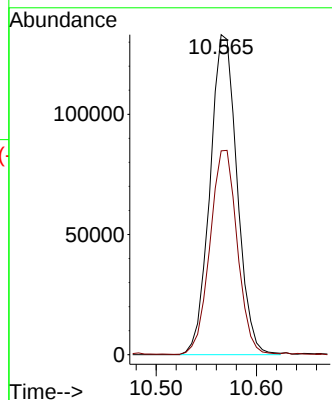
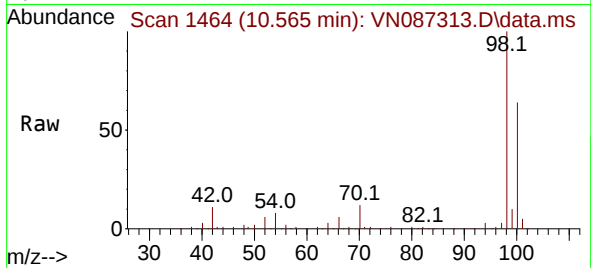




#63
Toluene-d8
Concen: 30.185 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

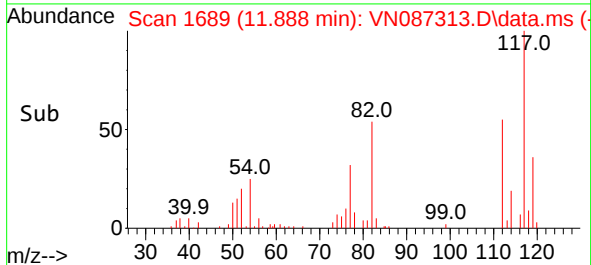
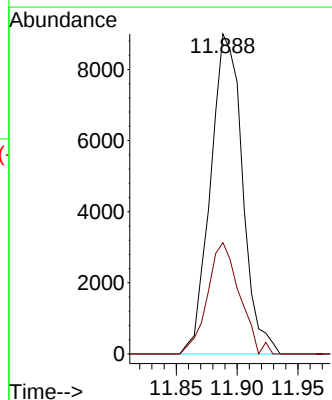
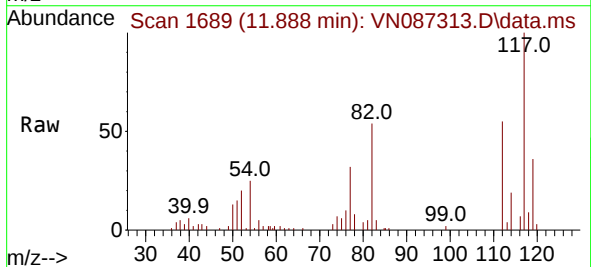
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2025

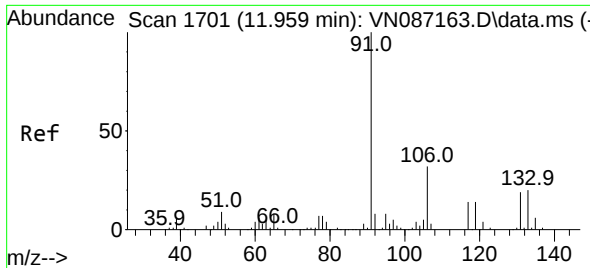
Tgt Ion: 98 Resp: 249509
Ion Ratio Lower Upper
98 100
100 64.4 52.5 78.7



#64
Chlorobenzene
Concen: 2.475 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion: 112 Resp: 16417
Ion Ratio Lower Upper
112 100
114 34.8 25.0 37.4

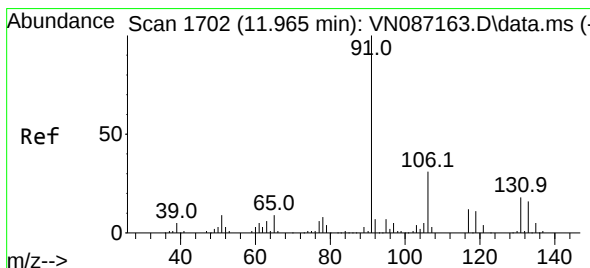
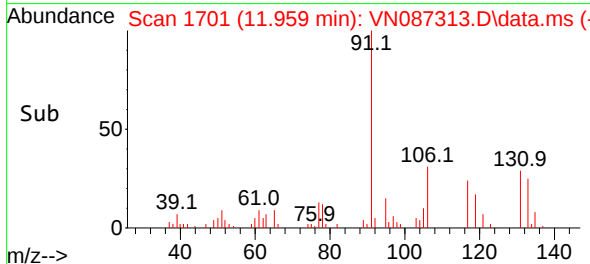
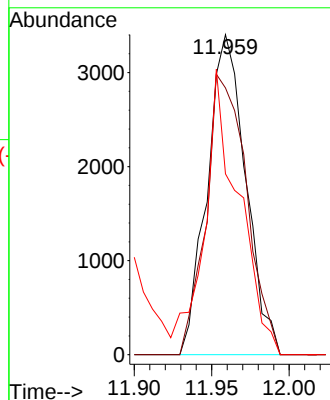
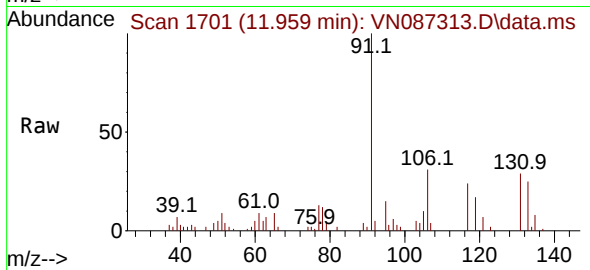




#65
1,1,1,2-Tetrachloroethane
Concen: 2.693 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

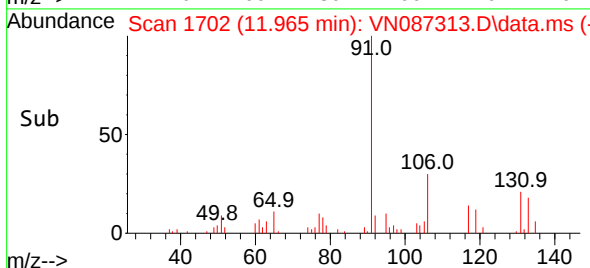
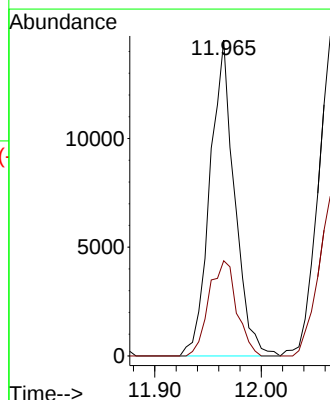
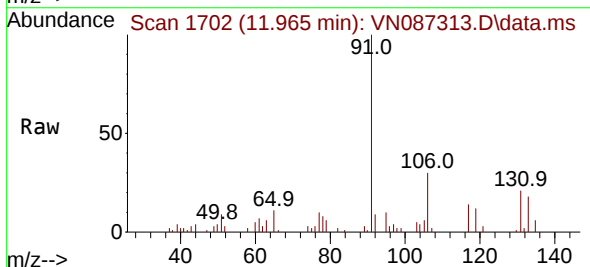
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

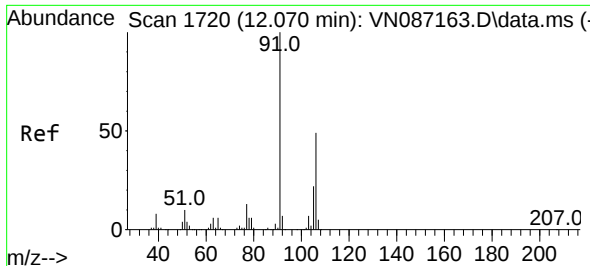
Tgt Ion:131 Resp: 5902
Ion Ratio Lower Upper
131 100
133 92.0 0.0 187.8
119 51.5 0.0 140.0



#66
Ethyl Benzene
Concen: 2.049 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion: 91 Resp: 23323
Ion Ratio Lower Upper
91 100
106 30.2 24.8 37.2

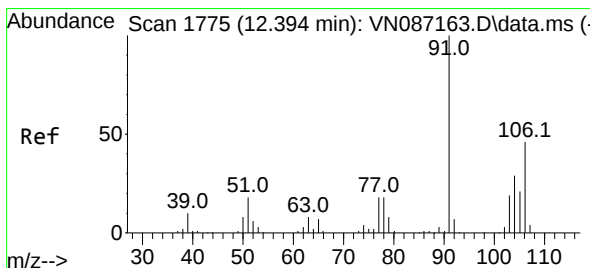
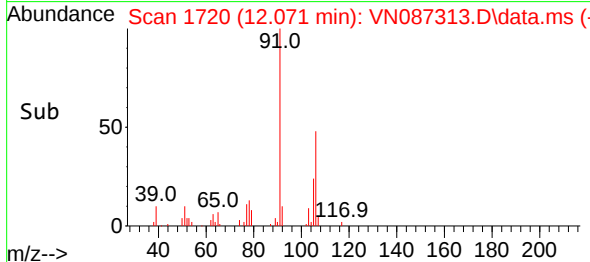
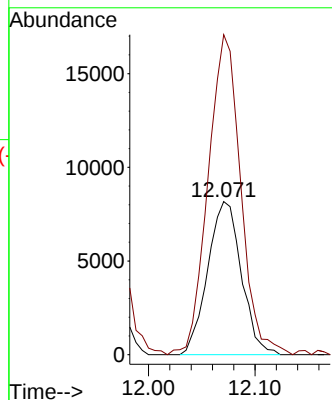
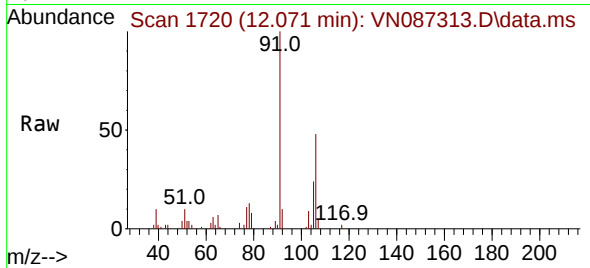




#67
m/p-Xylenes
Concen: 4.112 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

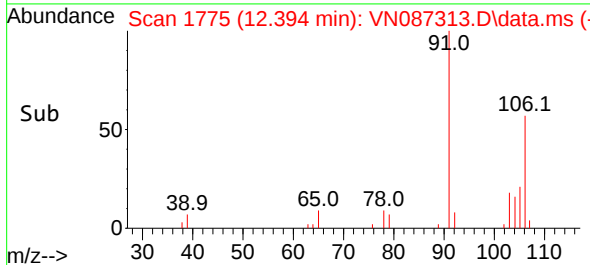
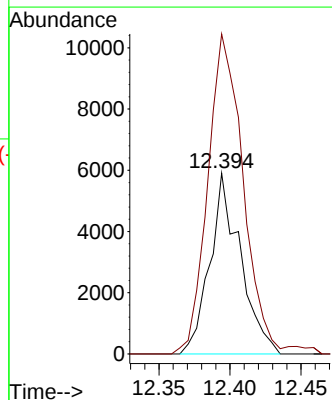
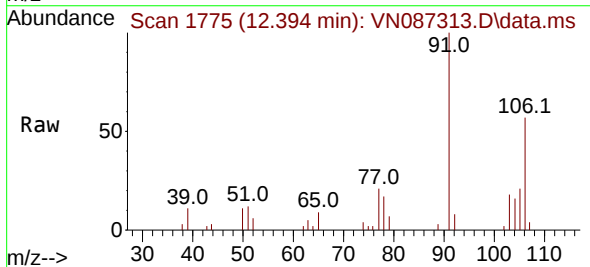
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

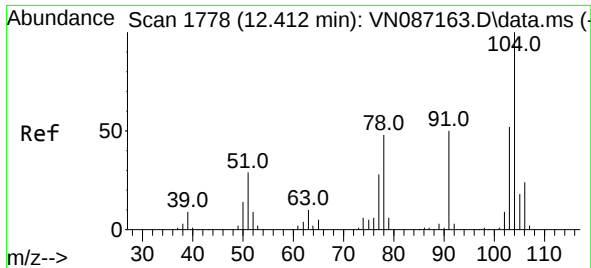
Tgt Ion:106 Resp: 17933
Ion Ratio Lower Upper
106 100
91 201.1 163.0 244.4



#68
o-Xylene
Concen: 2.121 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion:106 Resp: 8823
Ion Ratio Lower Upper
106 100
91 203.7 107.1 321.1

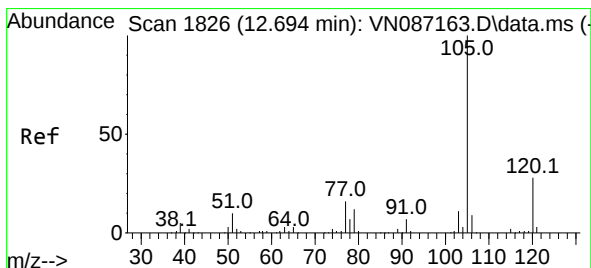
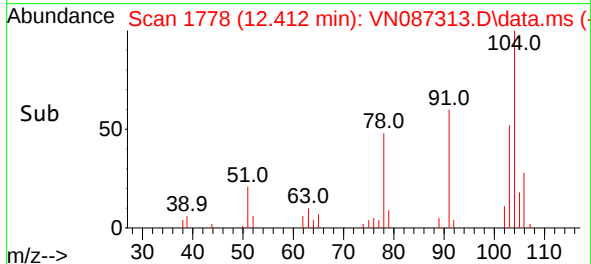
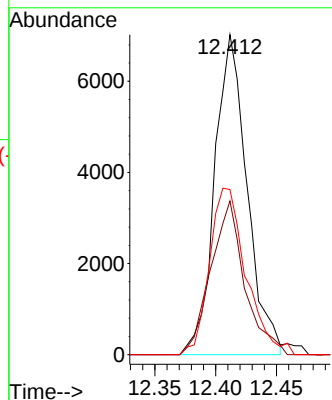
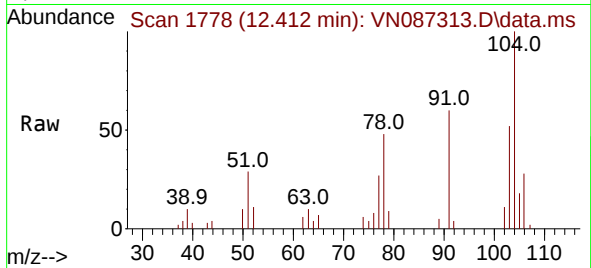




#69
Styrene
Concen: 1.817 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

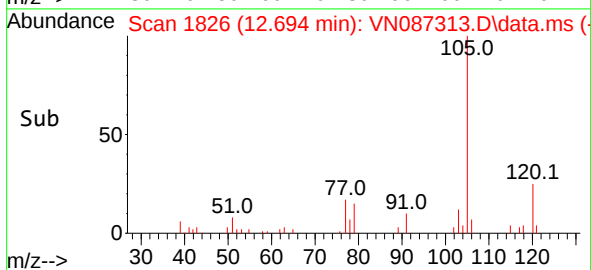
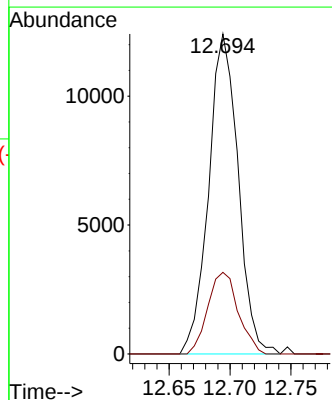
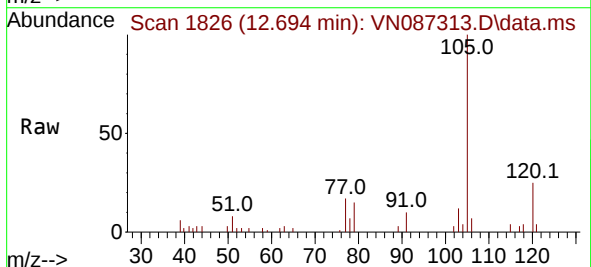
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

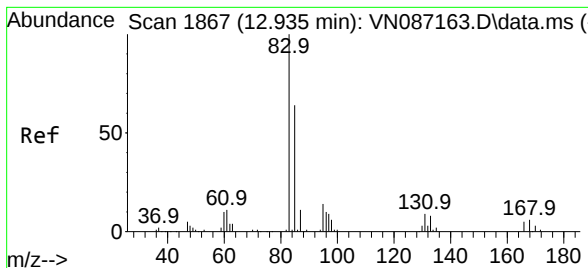
Tgt Ion:104 Resp: 12981
Ion Ratio Lower Upper
104 100
78 50.4 39.8 59.8
103 58.1 44.2 66.4



#70
Isopropylbenzene
Concen: 2.020 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion:105 Resp: 20928
Ion Ratio Lower Upper
105 100
120 26.3 19.0 35.2

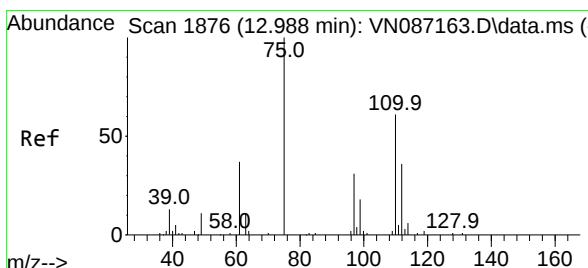
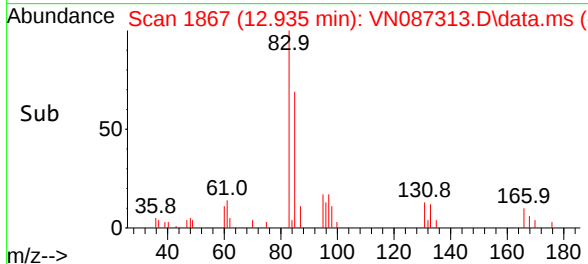
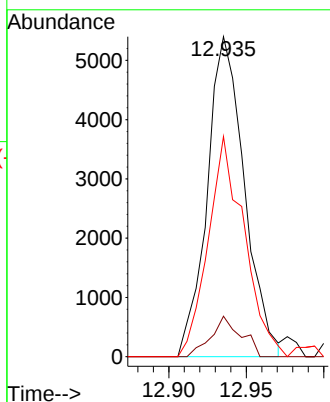
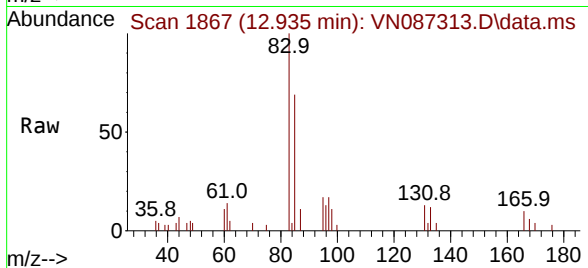




#71
1,1,2,2-Tetrachloroethane
Concen: 2.420 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

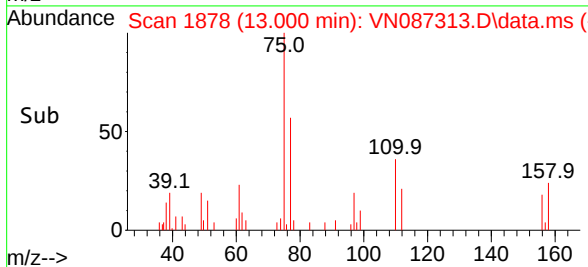
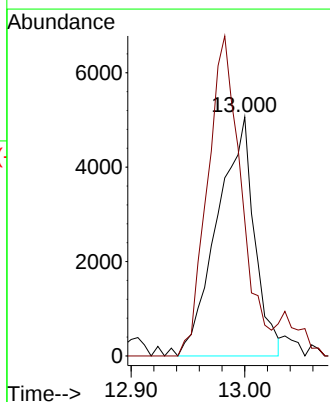
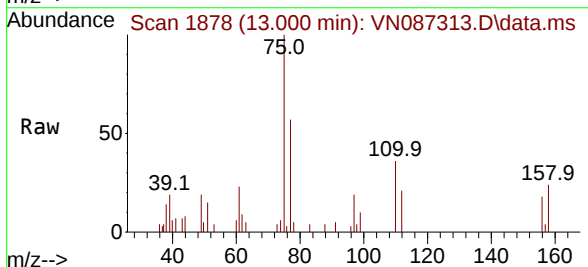
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2025

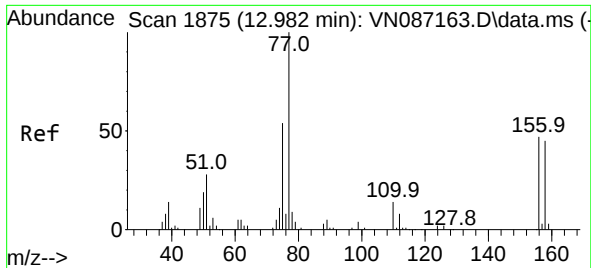
Tgt Ion: 83 Resp: 9026
Ion Ratio Lower Upper
83 100
131 10.1 4.5 13.4
85 66.5 31.3 93.9



#72
1,2,3-Trichloropropane
Concen: 3.570 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. 0.012 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion: 75 Resp: 11481
Ion Ratio Lower Upper
75 100
77 122.1 0.0 379.2

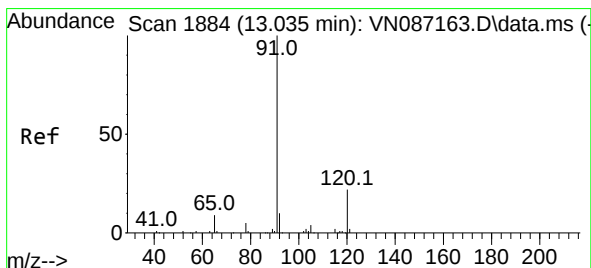
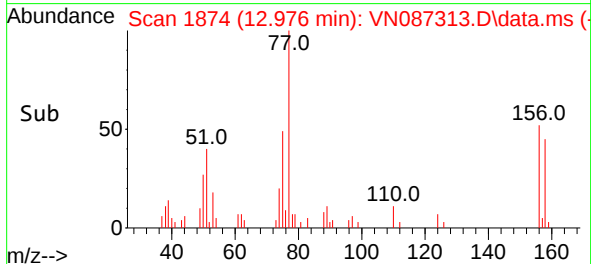
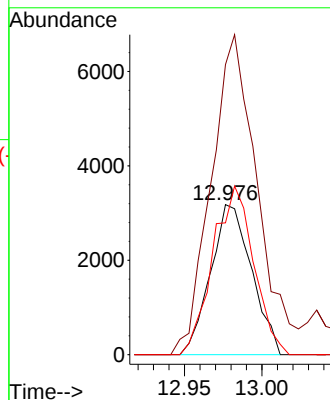
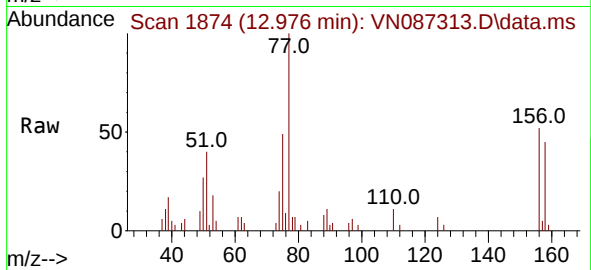




#73
Bromobenzene
Concen: 2.327 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

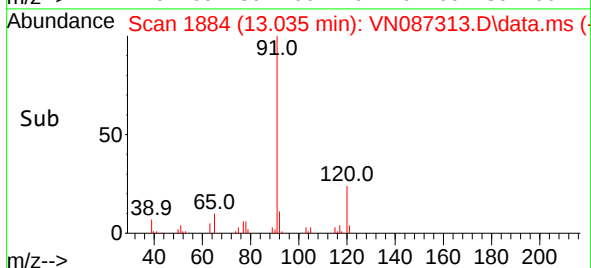
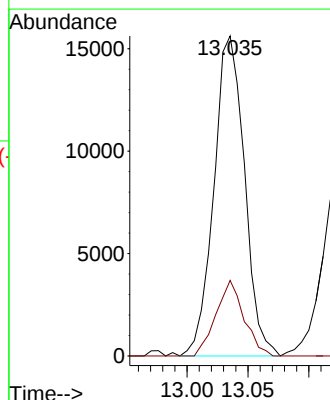
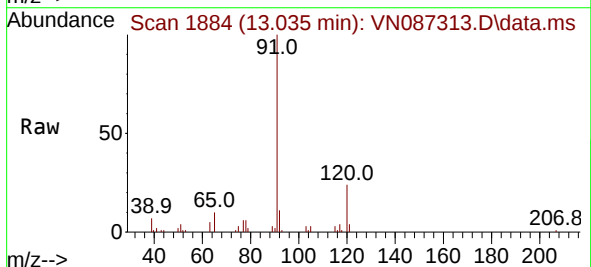
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

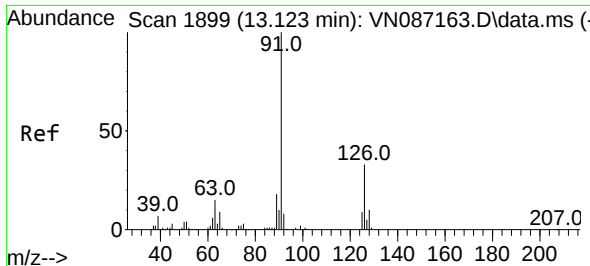
Tgt Ion:156 Resp: 5849
Ion Ratio Lower Upper
156 100
77 239.8 0.0 489.0
158 111.9 0.0 195.2



#74
n-propylbenzene
Concen: 2.159 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion: 91 Resp: 27331
Ion Ratio Lower Upper
91 100
120 21.5 0.0 43.6

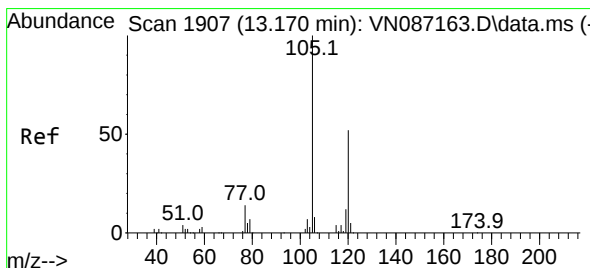
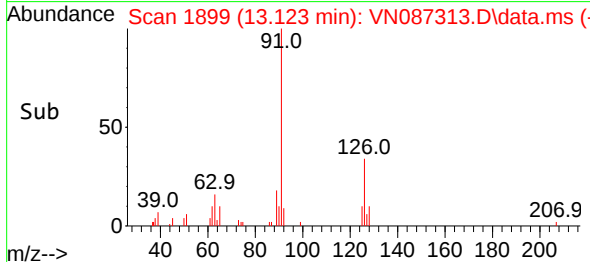
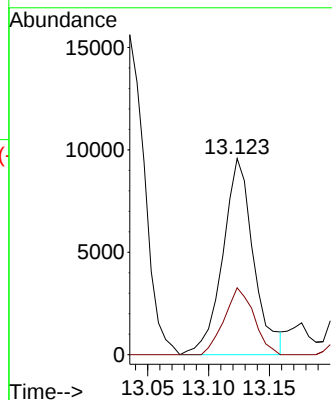
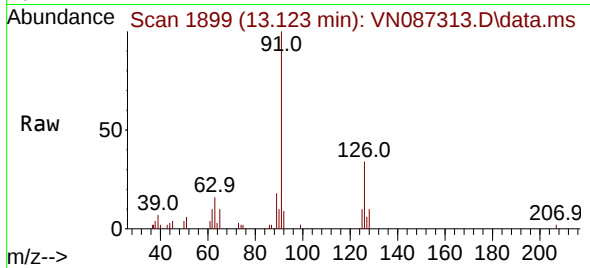




#75
2-Chlorotoluene
Concen: 2.203 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

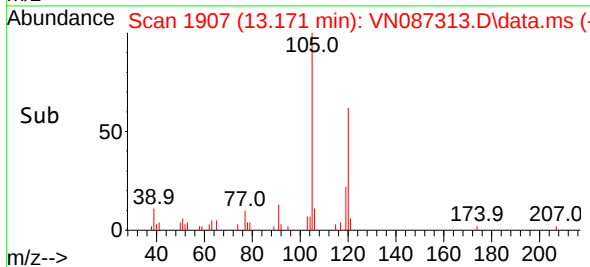
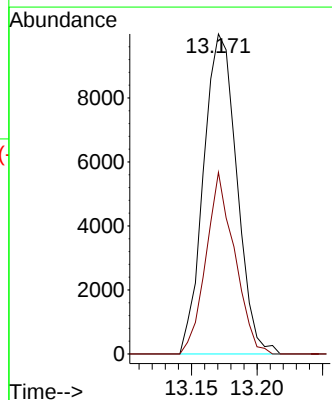
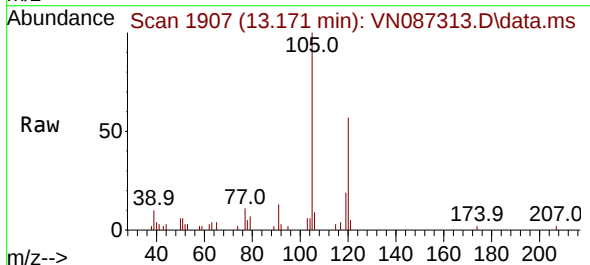
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

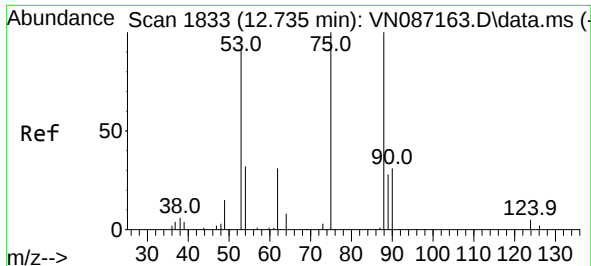
Tgt Ion: 91 Resp: 16848
Ion Ratio Lower Upper
91 100
126 32.8 0.0 63.8



#76
1,3,5-Trimethylbenzene
Concen: 2.092 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion: 105 Resp: 17646
Ion Ratio Lower Upper
105 100
120 48.8 0.0 100.8

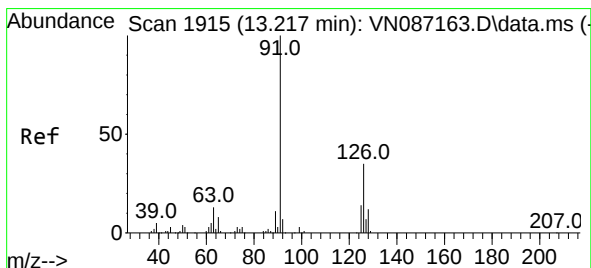
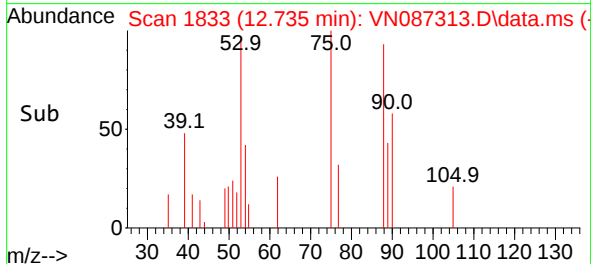
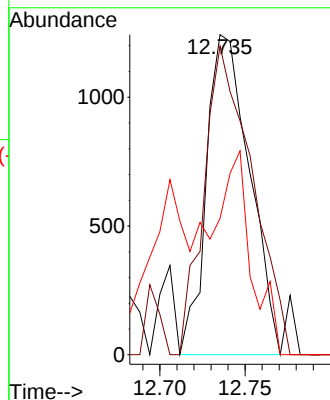
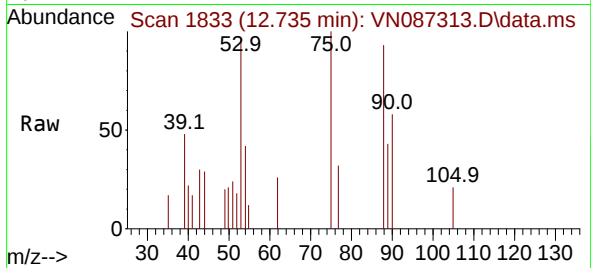




#77
t-1,4-Dichloro-2-butene
Concen: 1.534 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

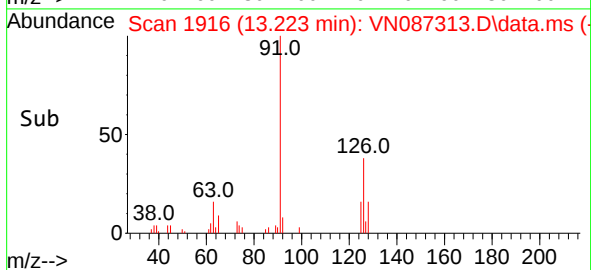
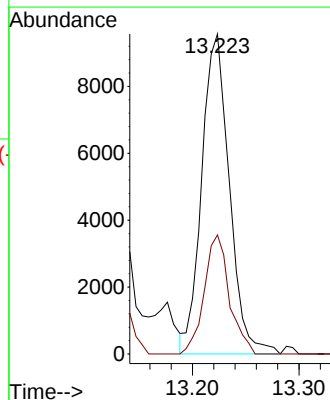
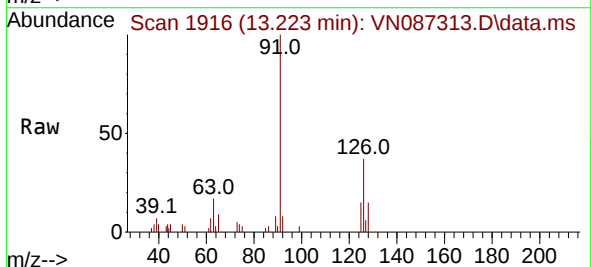
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

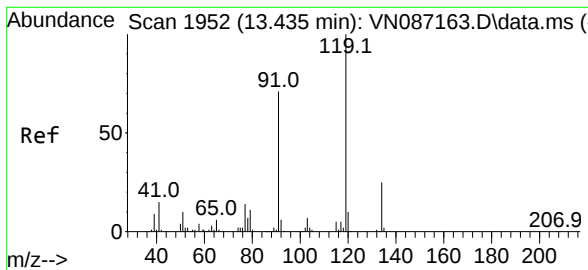
Tgt Ion:	75	Resp:	2189
Ion	Ratio	Lower	Upper
75	100		
53	96.4	45.9	137.6
89	42.6	22.3	66.9



#78
4-Chlorotoluene
Concen: 2.200 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion:	91	Resp:	17233
Ion	Ratio	Lower	Upper
91	100		
126	33.9	0.0	65.2

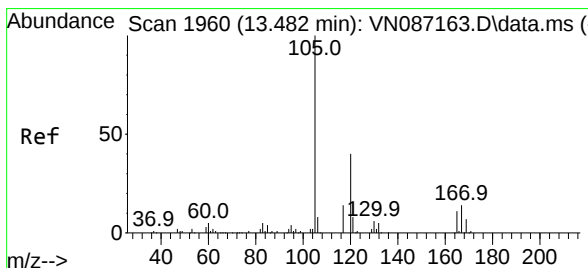
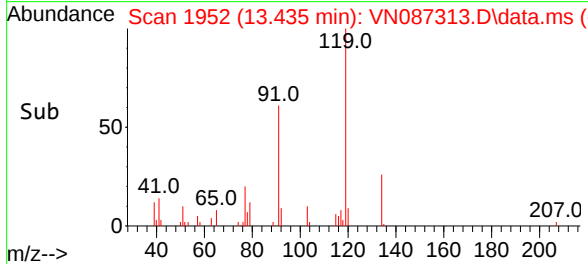
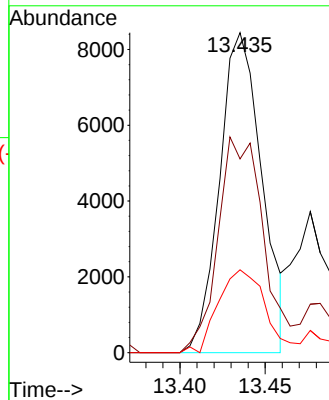
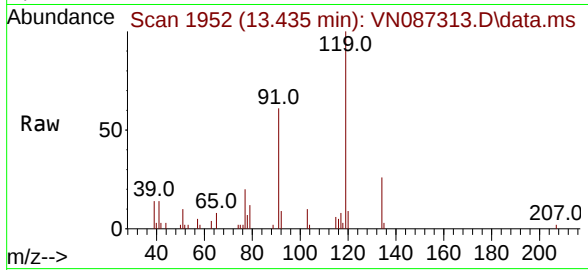




#79
tert-butylbenzene
Concen: 2.060 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

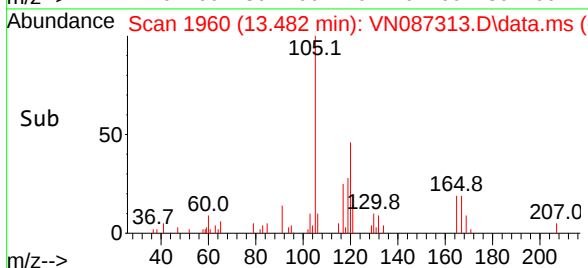
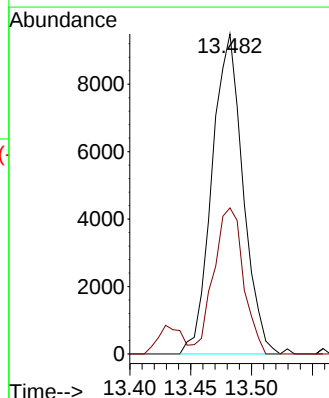
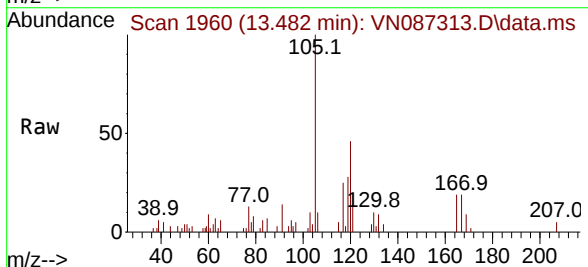
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2025

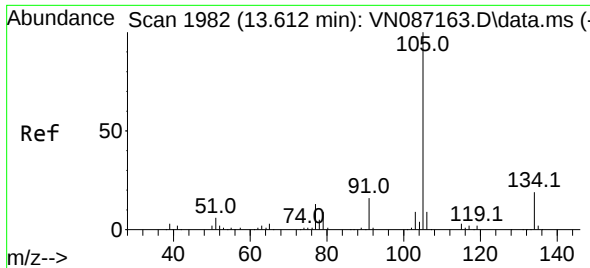
Tgt Ion:	119	Resp:	14605
Ion Ratio	Lower	Upper	
119	100		
91	71.7	0.0	137.0
134	28.5	0.0	49.4



#80
1,2,4-Trimethylbenzene
Concen: 1.985 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion:	105	Resp:	16817
Ion Ratio	Lower	Upper	
105	100		
120	44.1	0.0	94.0

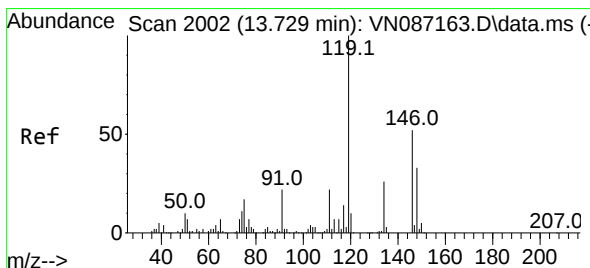
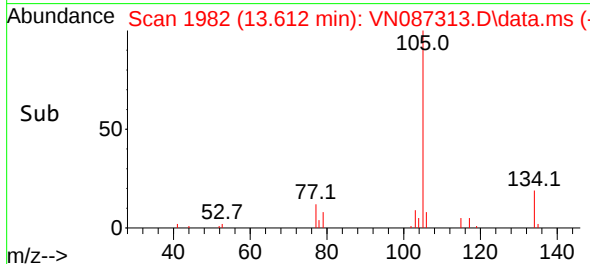
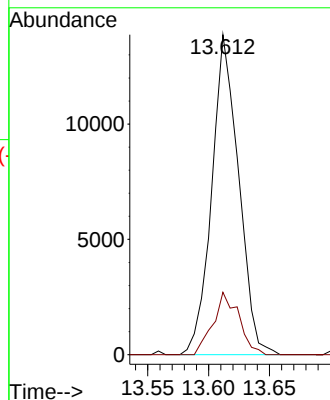
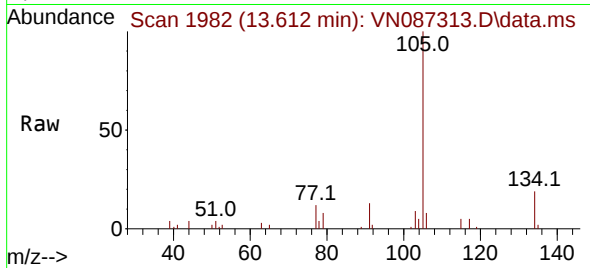




#81
 sec-Butylbenzene
 Concen: 2.071 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN087313.D
 Acq: 09 Jul 2025 16:09

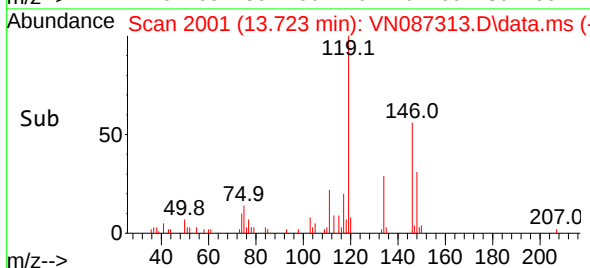
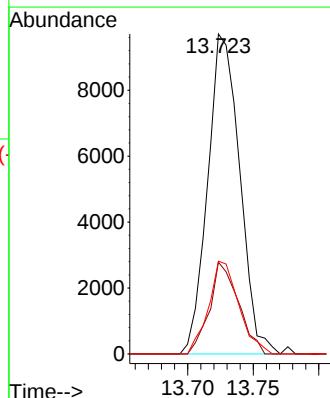
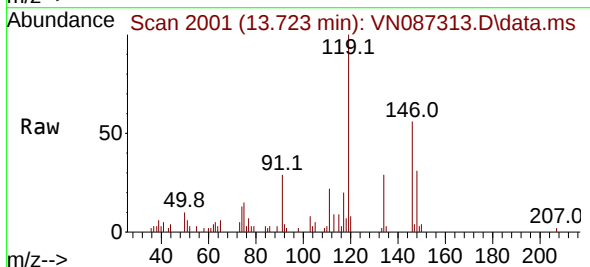
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2025

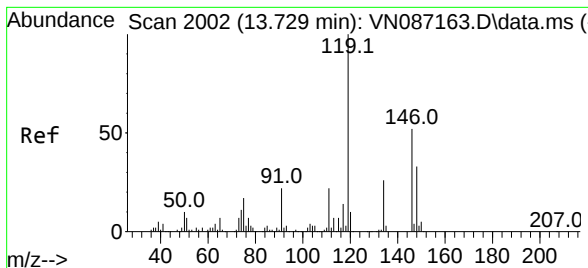
Tgt Ion:105 Resp: 21346
 Ion Ratio Lower Upper
 105 100
 134 18.7 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 1.923 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN087313.D
 Acq: 09 Jul 2025 16:09

Tgt Ion:119 Resp: 16498
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.2
 91 27.3 0.0 46.4





#83

1,3-Dichlorobenzene

Concen: 2.525 ug/l

RT: 13.735 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN087313.D

Acq: 09 Jul 2025 16:09

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2025

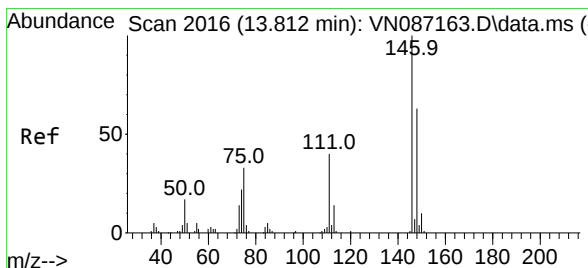
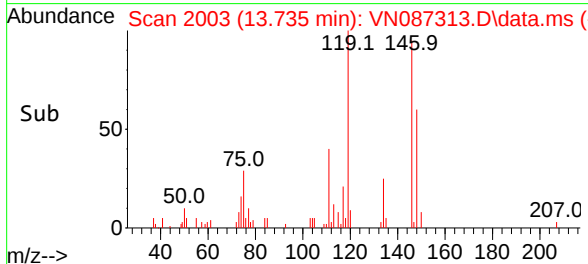
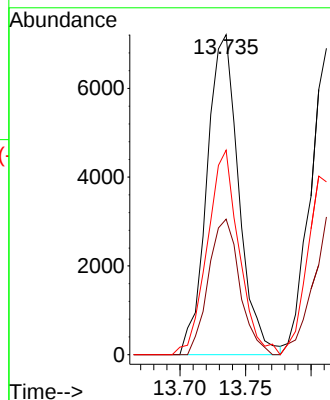
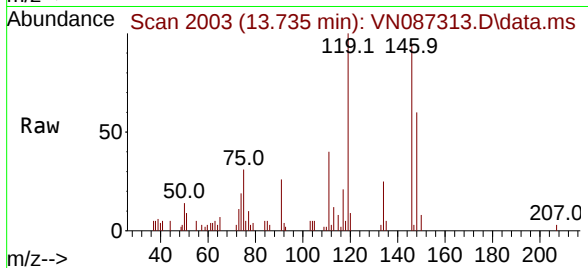
Tgt Ion:146 Resp: 12221

Ion Ratio Lower Upper

146 100

111 41.4 21.1 63.3

148 63.2 31.6 94.8



#84

1,4-Dichlorobenzene

Concen: 2.473 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN087313.D

Acq: 09 Jul 2025 16:09

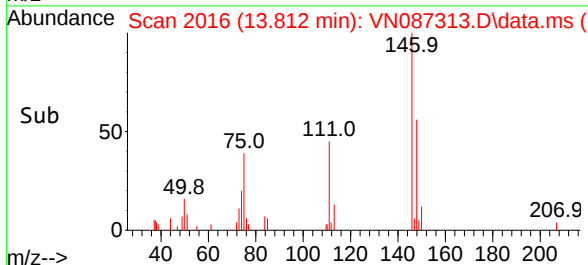
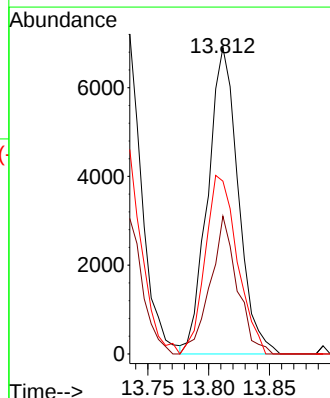
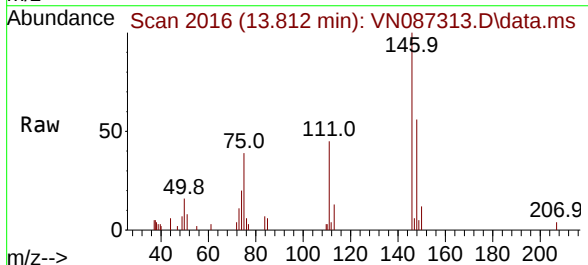
Tgt Ion:146 Resp: 12049

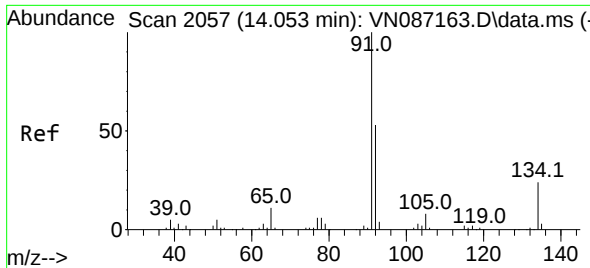
Ion Ratio Lower Upper

146 100

111 39.5 20.1 60.2

148 61.4 31.4 94.2

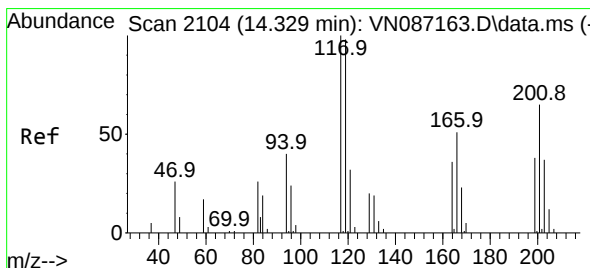
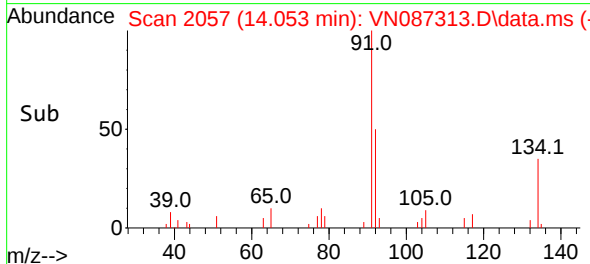
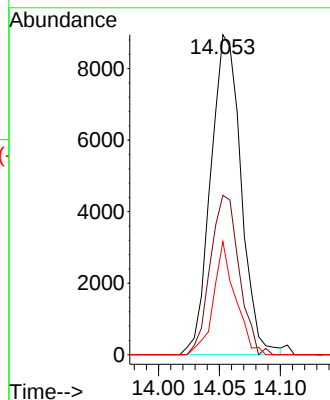
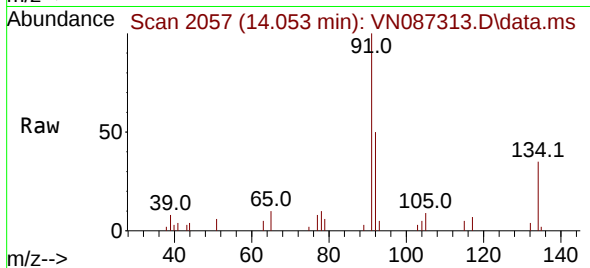




#85
n-Butylbenzene
Concen: 1.985 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

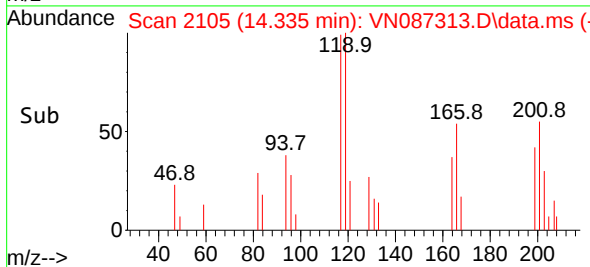
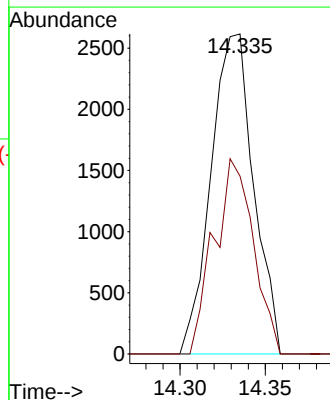
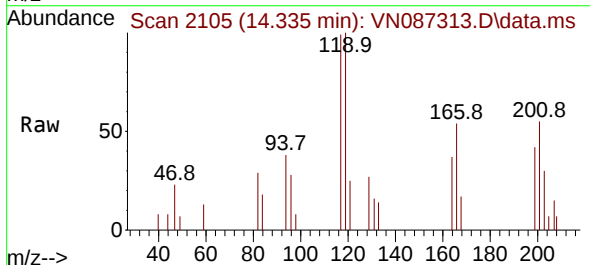
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

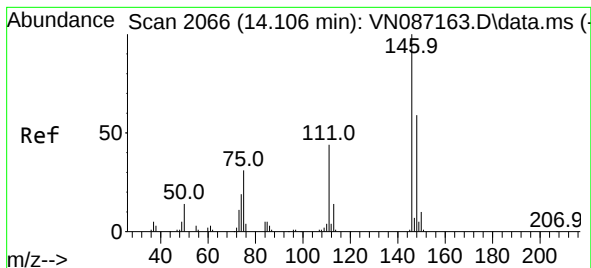
Tgt Ion: 91	Resp: 15537
Ion Ratio	Lower Upper
91	100
92	46.8 0.0 106.4
134	25.5 0.0 48.8



#86
Hexachloroethane
Concen: 2.805 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion: 117	Resp: 4554
Ion Ratio	Lower Upper
117	100
201	56.3 30.8 92.3





#87

1,2-Dichlorobenzene

Concen: 2.353 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN087313.D

Acq: 09 Jul 2025 16:09

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2025

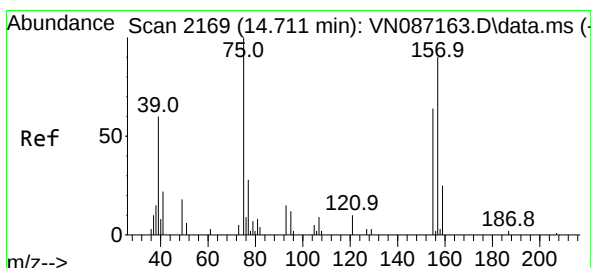
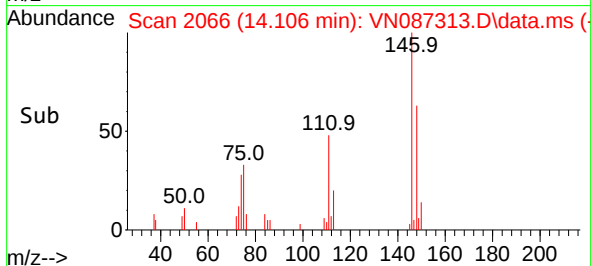
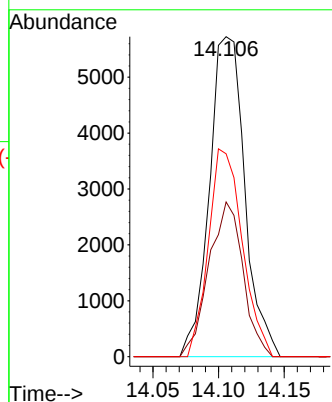
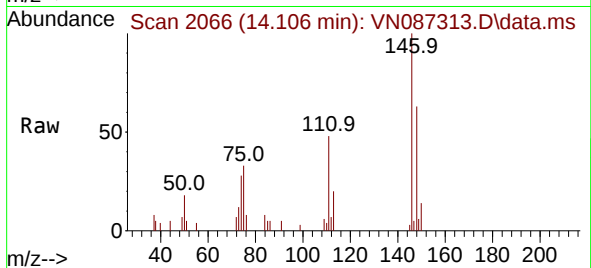
Tgt Ion:146 Resp: 10737

Ion Ratio Lower Upper

146 100

111 46.6 22.1 66.1

148 62.3 31.6 95.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 2.208 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. 0.006 min

Lab File: VN087313.D

Acq: 09 Jul 2025 16:09

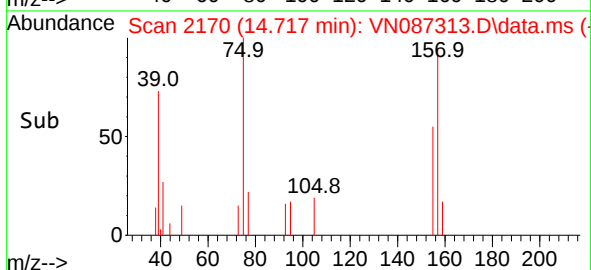
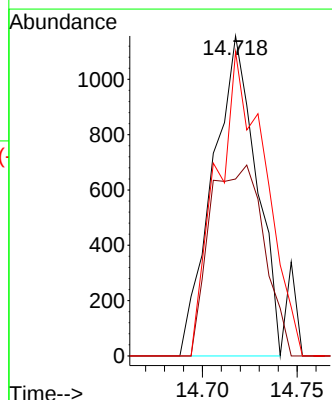
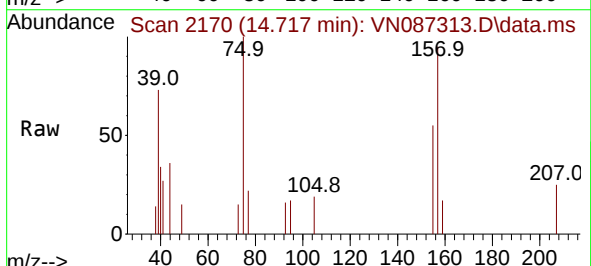
Tgt Ion: 75 Resp: 1854

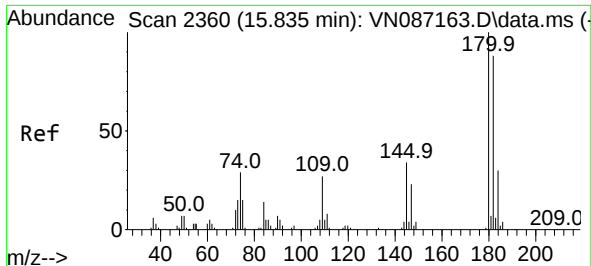
Ion Ratio Lower Upper

75 100

155 29.3 58.3 87.5#

157 106.1 79.2 118.8

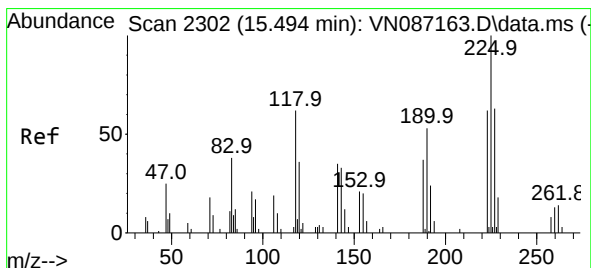
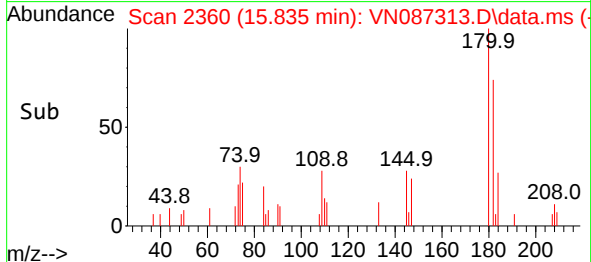
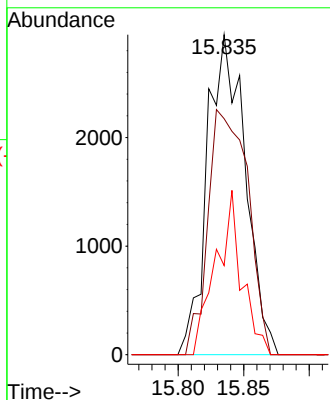
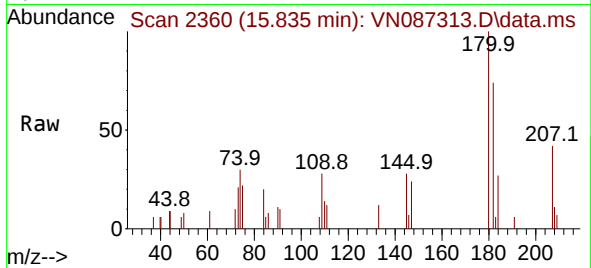




#89
1,2,4-Trichlorobenzene
Concen: 2.297 ug/l
RT: 15.835 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

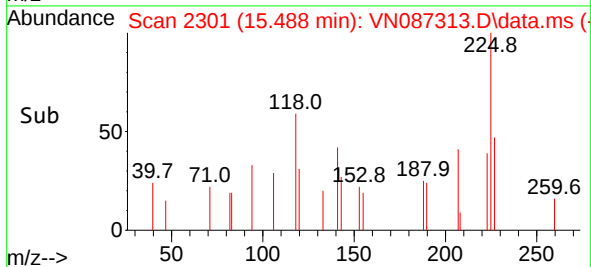
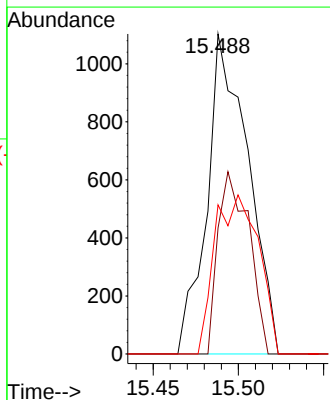
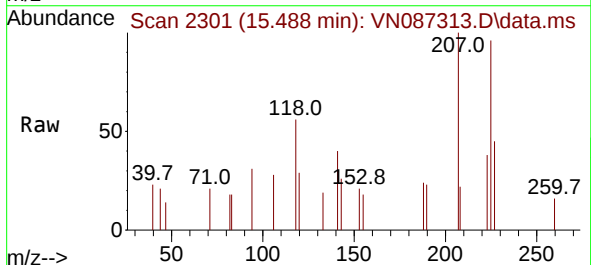
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

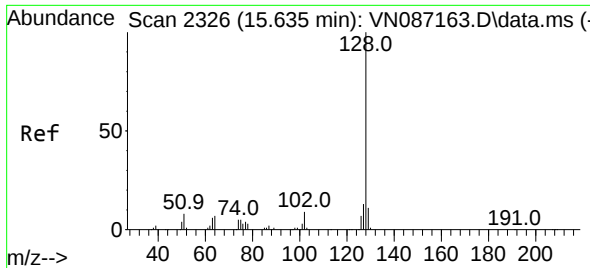
Tgt Ion:180 Resp: 5932
Ion Ratio Lower Upper
180 100
182 80.8 74.2 111.2
145 35.1 27.6 41.4



#90
Hexachlorobutadiene
Concen: 2.418 ug/l
RT: 15.488 min Scan# 2301
Delta R.T. -0.006 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion:225 Resp: 1853
Ion Ratio Lower Upper
225 100
223 42.8 0.0 134.2
227 53.1 0.0 122.6

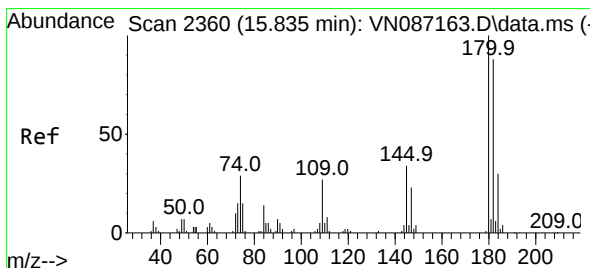
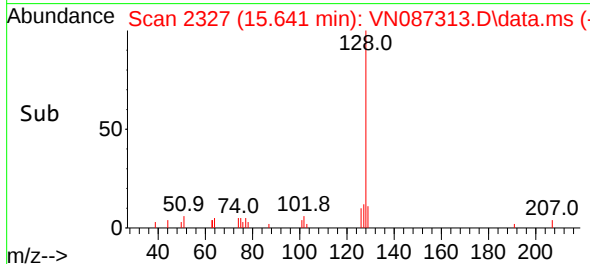
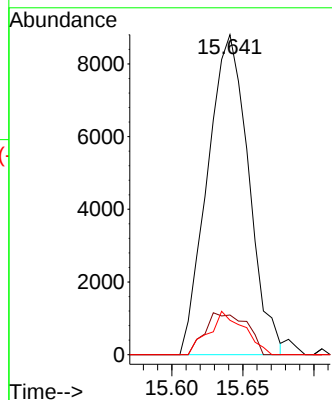
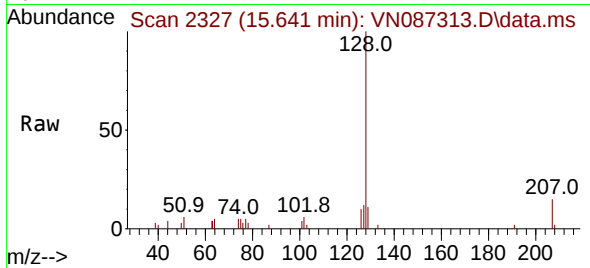




#91
Naphthalene
Concen: 1.743 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion:128	Resp:	17714
Ion Ratio	Lower	Upper
128	100	
127	13.3	10.6 15.8
129	11.7	8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 2.297 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN087313.D
Acq: 09 Jul 2025 16:09

Tgt Ion:180	Resp:	5932
Ion Ratio	Lower	Upper
180	100	
182	80.8	0.0 185.4
145	35.1	0.0 69.0

