

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
 Data File : VN088027.D
 Acq On : 03 Oct 2025 16:37
 Operator : JC\MD
 Sample : Q3274-01DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW4DL

Quant Time: Oct 04 03:00:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	193443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	426224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	419833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	205320	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	175119	53.792	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.580%	
35) Dibromofluoromethane	8.147	113	146268	47.265	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.540%	
50) Toluene-d8	10.547	98	538729	49.504	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.000%	
62) 4-Bromofluorobenzene	12.829	95	197115	50.673	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.340%	

Target Compounds					Qvalue	
11) Tert butyl alcohol	5.500	59	804	1.715	ug/l #	71
13) Acrolein	4.159	56	436	0.725	ug/l #	1
14) Allyl chloride	5.124	41	783	0.237	ug/l #	61
15) Acrylonitrile	5.812	53	4330	2.944	ug/l #	35
16) Acetone	4.430	43	7639	5.703	ug/l #	88
18) Methyl Acetate	5.106	43	720	0.215	ug/l #	51
20) Methylene Chloride	5.265	84	3274	1.208	ug/l #	68
25) 2-Butanone	7.471	43	1725	0.843	ug/l #	48
30) Chloroform	7.906	83	1667	0.338	ug/l #	18
31) Cyclohexane	8.235	56	68367	18.728	ug/l #	92
36) 1,1-Dichloropropene	8.206	75	16754	4.502	ug/l #	53
37) Ethyl Acetate	7.471	43	1725	0.353	ug/l #	75
38) Carbon Tetrachloride	8.206	117	21786	5.102	ug/l #	18
39) Methylcyclohexane	9.576	83	185418	45.169	ug/l	97
40) Benzene	8.594	78	6634	0.538	ug/l #	84
43) Isopropyl Acetate	8.694	43	7916	1.029	ug/l #	56
47) Bromodichloromethane	9.765	83	3345	0.700	ug/l #	26
48) Methyl methacrylate	9.582	41	99292	27.876	ug/l #	74
52) Toluene	10.612	92	2508	0.324	ug/l	90
55) 1,1,2-Trichloroethane	10.982	97	15050	4.787	ug/l #	18
56) Ethyl methacrylate	10.888	69	6607	1.454	ug/l #	15
59) 2-Hexanone	11.153	43	3628	1.143	ug/l #	25
67) Ethyl Benzene	11.947	91	23183	1.555	ug/l	98
68) m/p-Xylenes	12.053	106	2055	0.360	ug/l	87
73) Isopropylbenzene	12.676	105	31633	2.486	ug/l	98
76) 1,2,3-Trichloropropane	12.829	75	105398	26.042	ug/l #	1
78) n-propylbenzene	13.017	91	122920	7.726	ug/l	99
79) 2-Chlorotoluene	13.017	91	122920	12.689	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.317	105	9192	0.835	ug/l	69
81) trans-1,4-Dichloro-2-b...	12.829	75	105398	72.313	ug/l #	9
82) 4-Chlorotoluene	13.017	91	122920	12.593	ug/l #	41
83) tert-Butylbenzene	13.417	119	2796	0.300	ug/l	71
85) sec-Butylbenzene	13.594	105	24672	1.806	ug/l #	73
86) p-Isopropyltoluene	13.653	119	5702	0.493	ug/l	94
89) n-Butylbenzene	14.035	91	33462	3.061	ug/l #	81
90) Hexachloroethane	14.306	117	18560	7.680	ug/l #	16

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QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

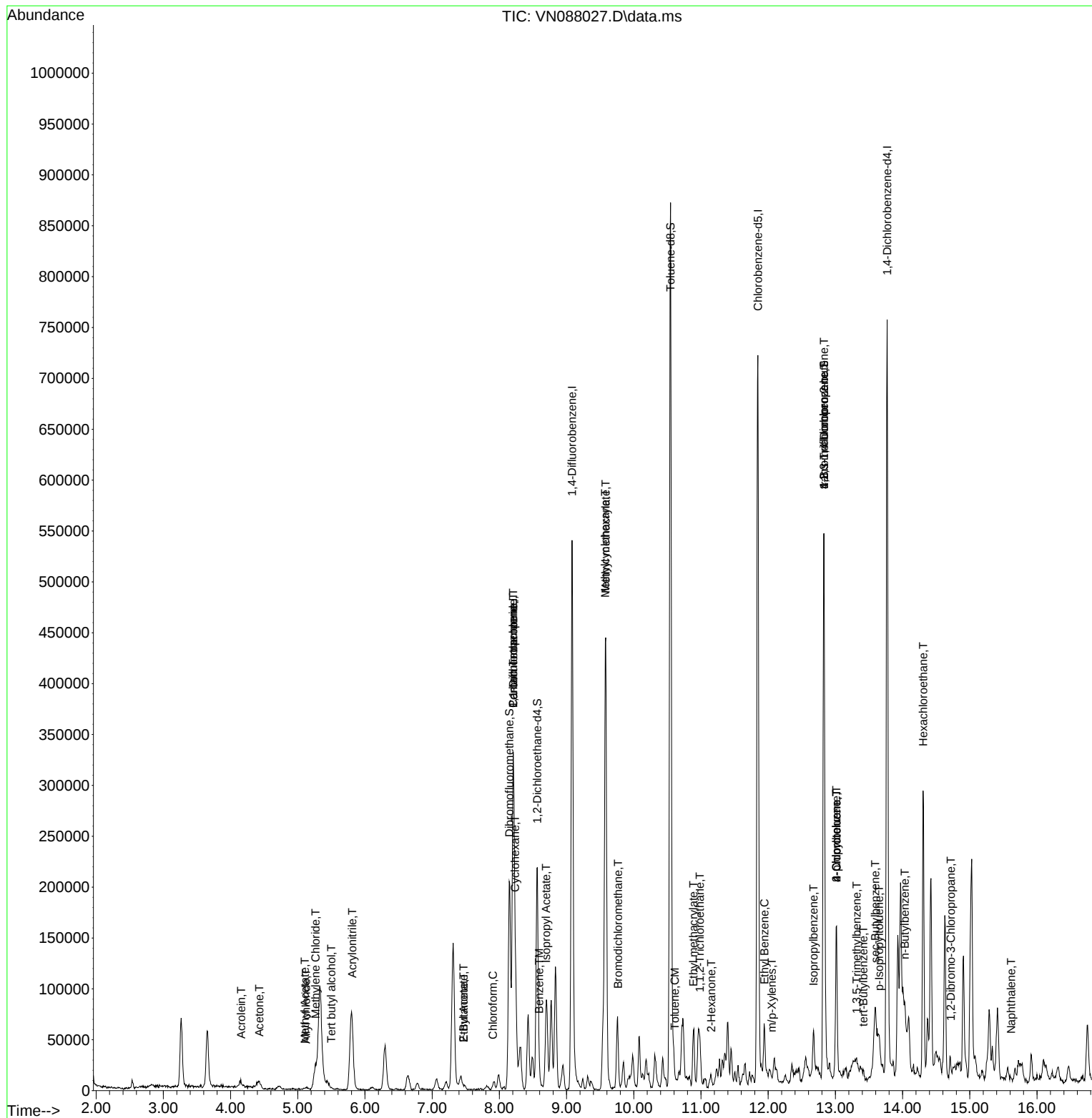
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropr...	14.717	75	277	0.260	ug/l #	4
95) Naphthalene	15.617	128	3337	0.276	ug/l #	83

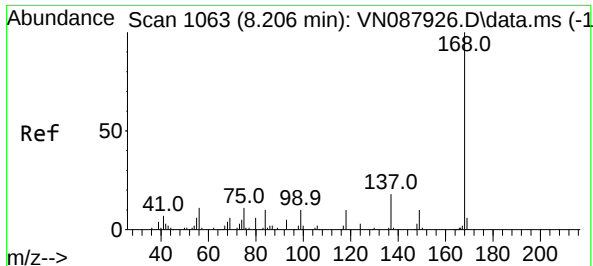
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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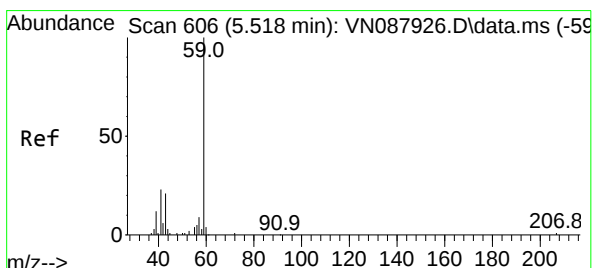
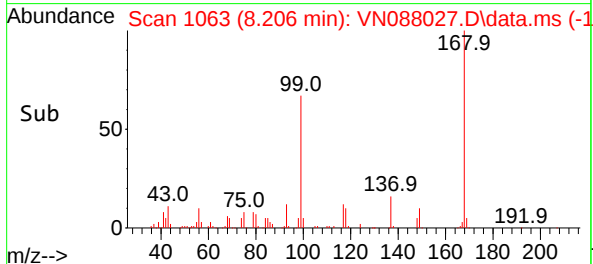
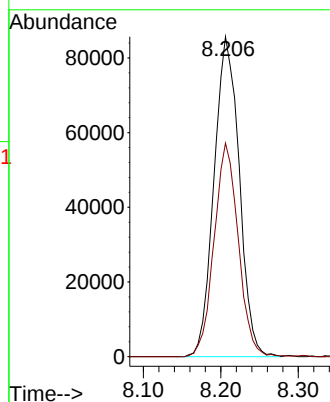
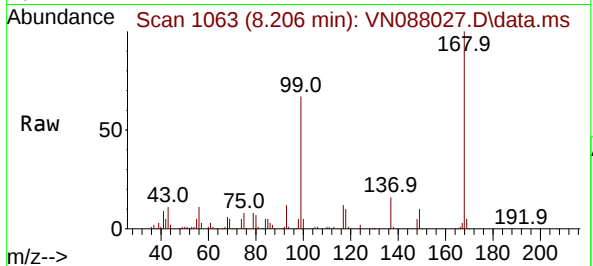




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

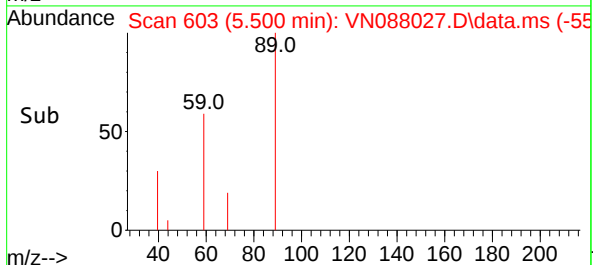
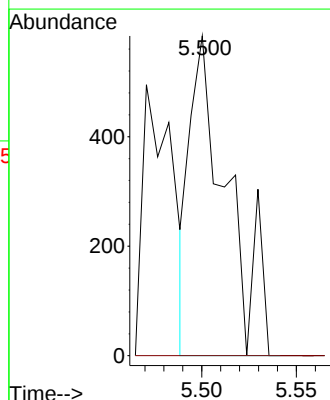
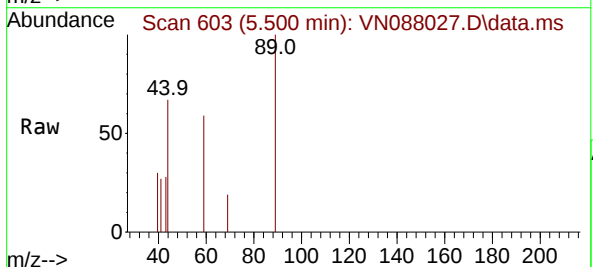
Instrument :
MSVOA_N
ClientSampleId :
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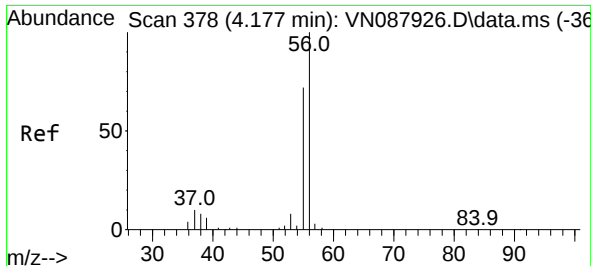
Tgt Ion:168 Resp: 193443
Ion Ratio Lower Upper
168 100
99 66.7 52.2 78.2



#11
Tert butyl alcohol
Concen: 1.715 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.018 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

Tgt Ion: 59 Resp: 804
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

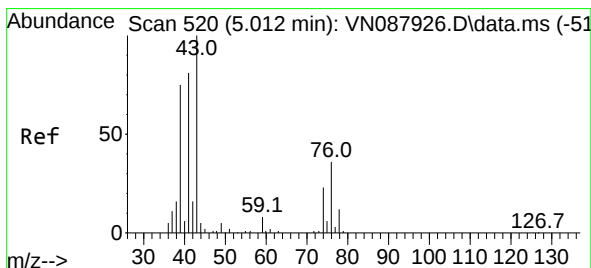
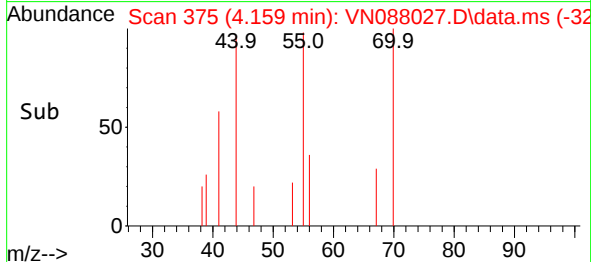
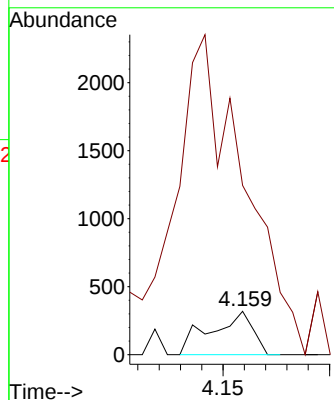
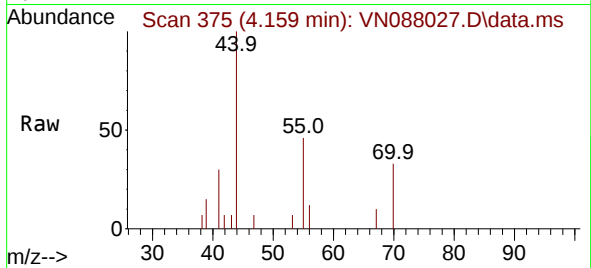




#13
Acrolein
Concen: 0.725 ug/l
RT: 4.159 min Scan# 31
Delta R.T. -0.018 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

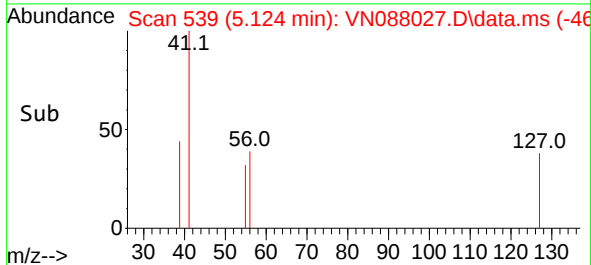
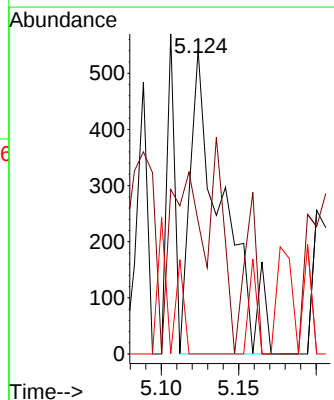
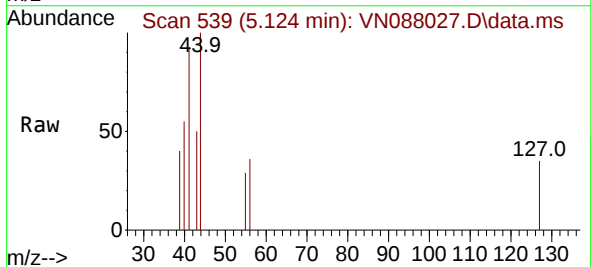
Instrument :
MSVOA_N
ClientSampleId :
MW4DL

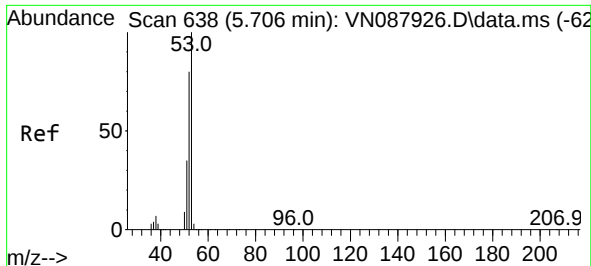
Tgt Ion: 56 Resp: 436
Ion Ratio Lower Upper
56 100
55 1243.8 59.3 88.9#



#14
Allyl chloride
Concen: 0.237 ug/l
RT: 5.124 min Scan# 539
Delta R.T. 0.112 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

Tgt Ion: 41 Resp: 783
Ion Ratio Lower Upper
41 100
39 57.3 63.8 95.8#
76 0.0 33.0 49.6#

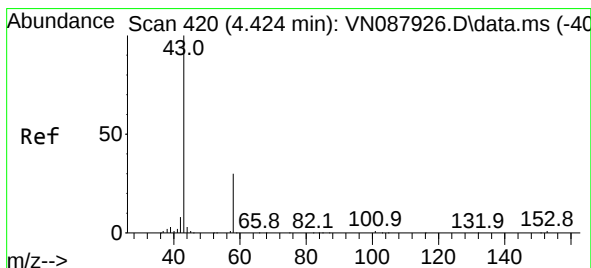
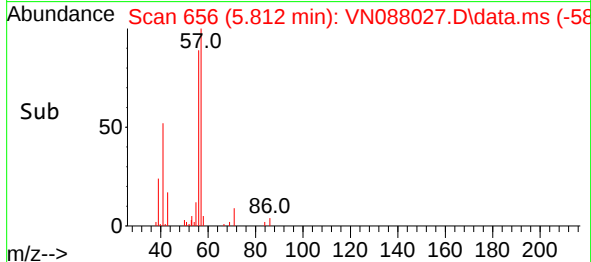
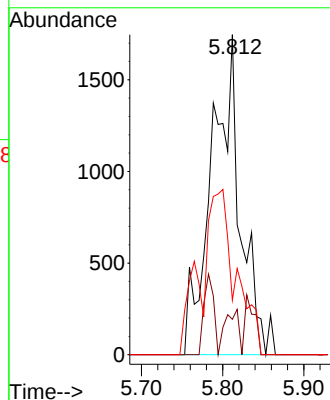
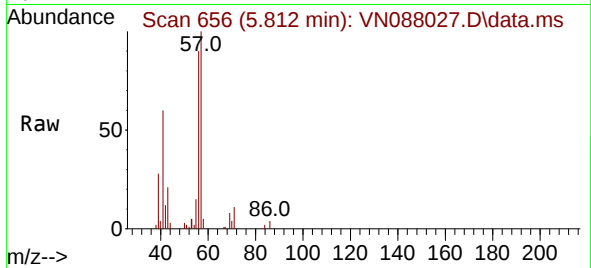




#15
Acrylonitrile
Concen: 2.944 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.106 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

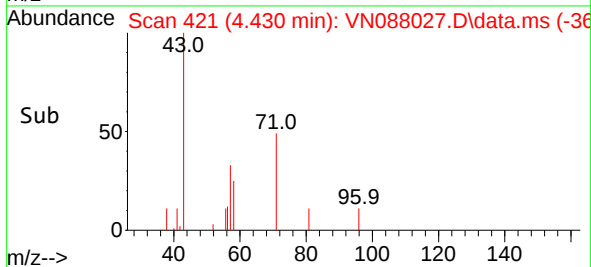
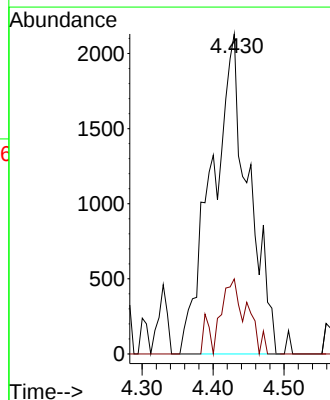
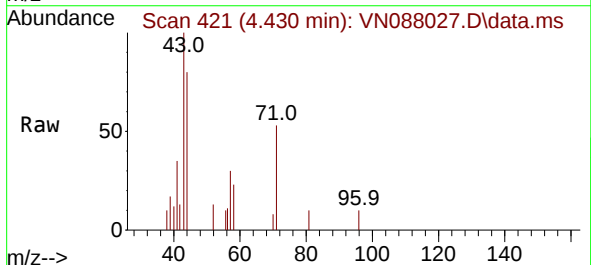
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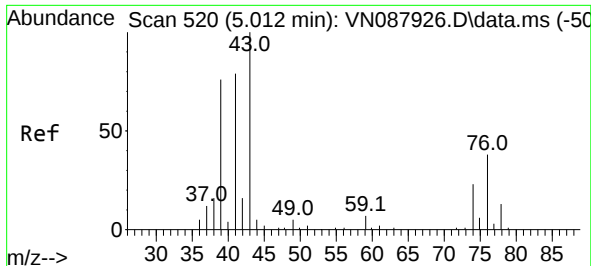
Tgt Ion: 53 Resp: 4330
Ion Ratio Lower Upper
53 100
52 6.6 66.6 99.8#
51 48.2 29.0 43.4#



#16
Acetone
Concen: 5.703 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

Tgt Ion: 43 Resp: 7639
Ion Ratio Lower Upper
43 100
58 23.4 24.1 36.1#

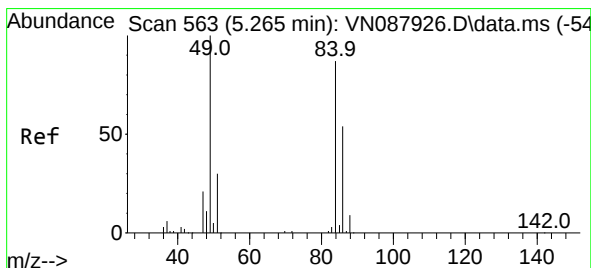
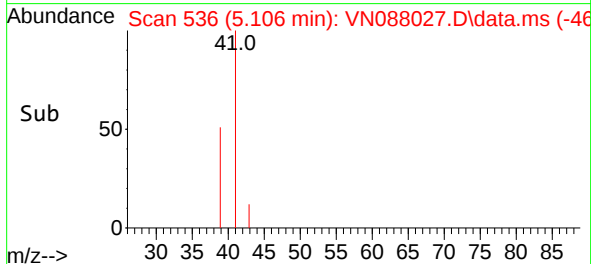
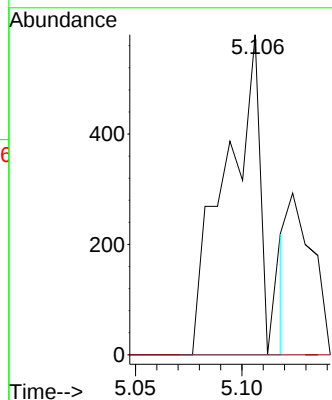
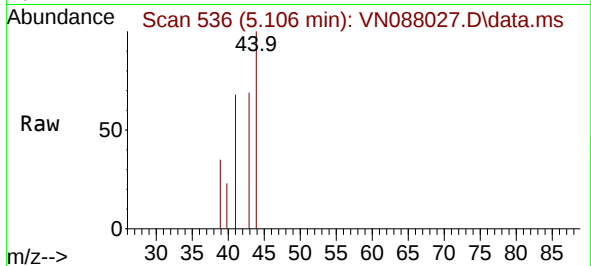




#18
Methyl Acetate
Concen: 0.215 ug/l
RT: 5.106 min Scan# 51
Delta R.T. 0.094 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

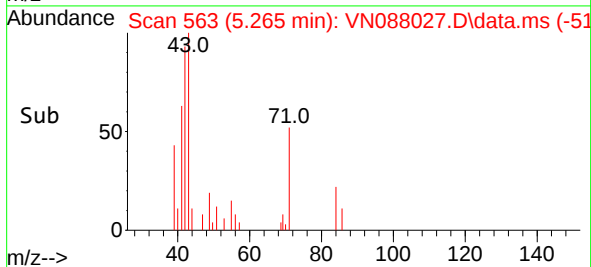
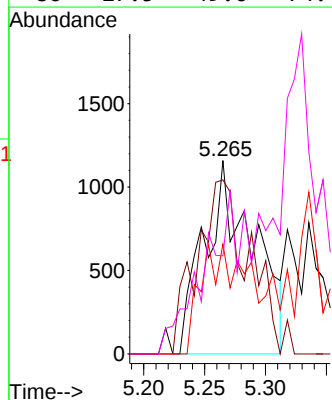
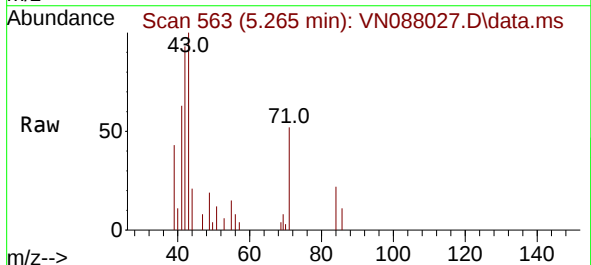
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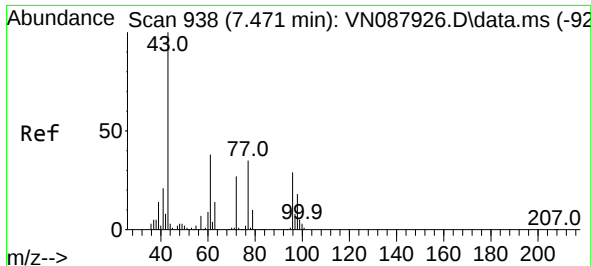
Tgt Ion: 43 Resp: 720
Ion Ratio Lower Upper
43 100
74 0.0 19.7 29.5#



#20
Methylene Chloride
Concen: 1.208 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

Tgt Ion: 84 Resp: 3274
Ion Ratio Lower Upper
84 100
49 90.0 92.1 138.1#
51 56.9 27.7 41.5#
86 27.5 49.6 74.4#

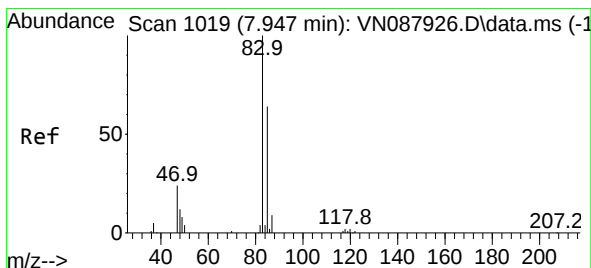
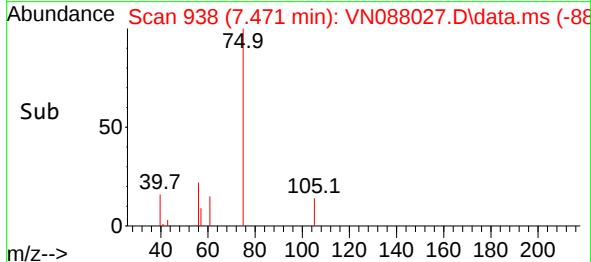
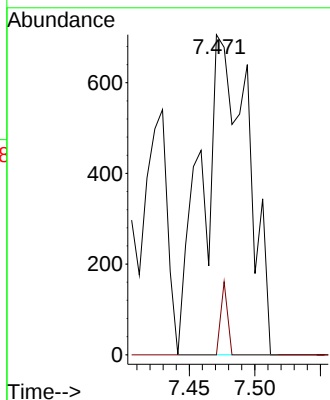
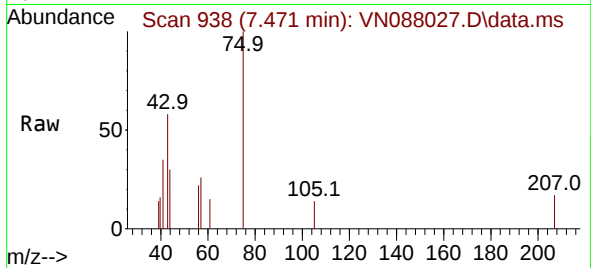




#25
2-Butanone
Concen: 0.843 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

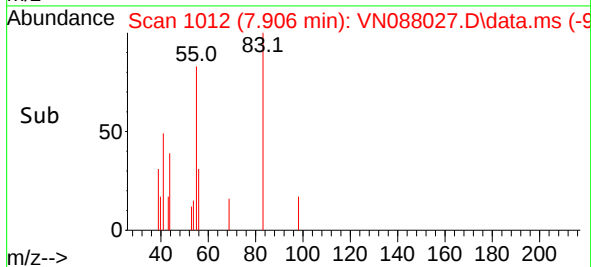
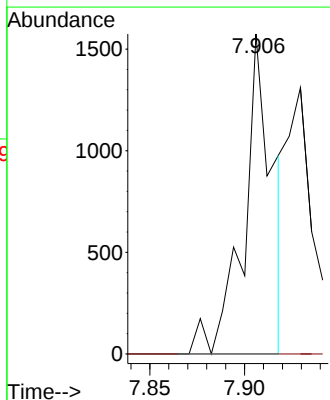
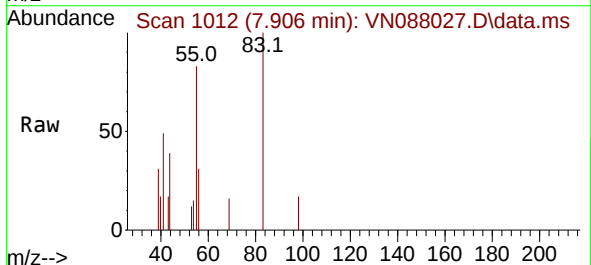
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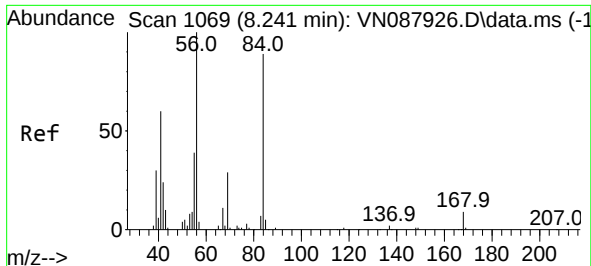
Tgt Ion: 43 Resp: 1725
Ion Ratio Lower Upper
43 100
72 0.0 21.5 32.3#



#30
Chloroform
Concen: 0.338 ug/l
RT: 7.906 min Scan# 1012
Delta R.T. -0.041 min
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Tgt Ion: 83 Resp: 1667
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#

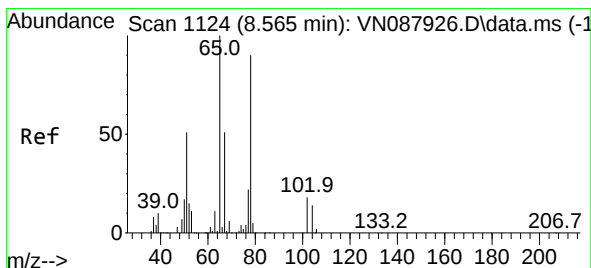
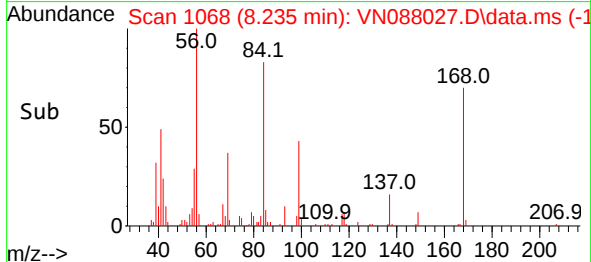
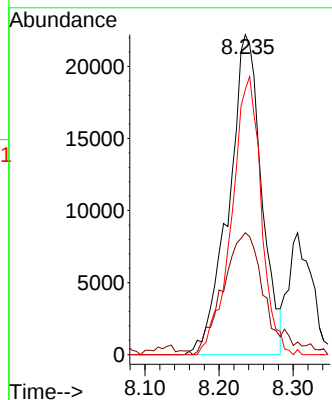
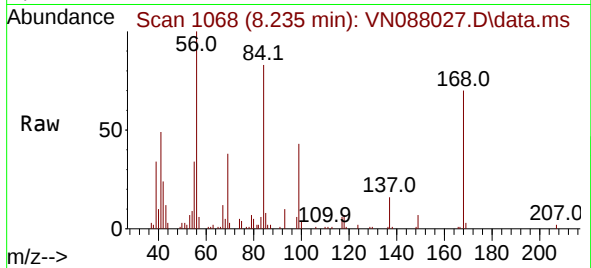




#31
Cyclohexane
Concen: 18.728 ug/l
RT: 8.235 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

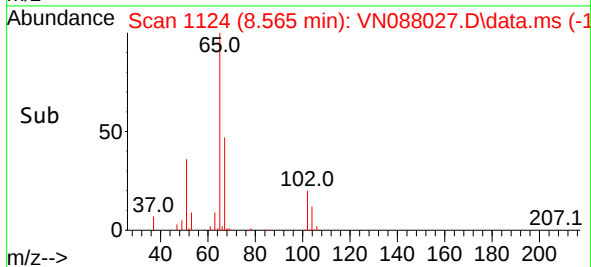
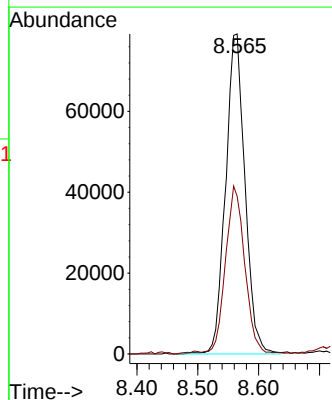
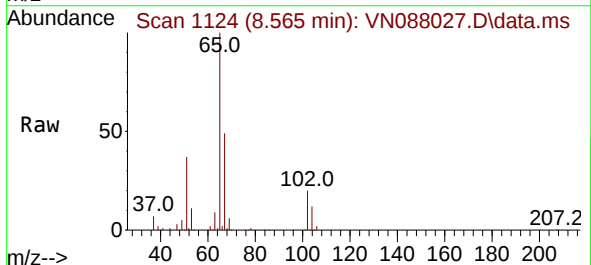
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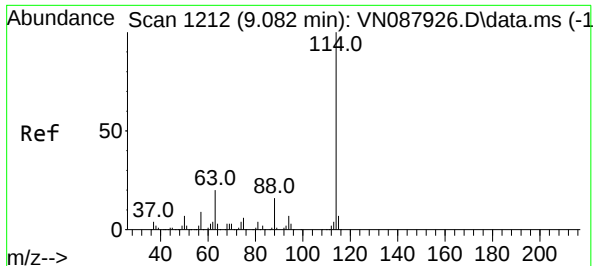
Tgt Ion: 56 Resp: 68367
Ion Ratio Lower Upper
56 100
69 36.9 23.4 35.0#
84 82.9 70.8 106.2



#33
1,2-Dichloroethane-d4
Concen: 53.792 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. -0.000 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

Tgt Ion: 65 Resp: 175119
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN088027.D

Acq: 03 Oct 2025 16:37

Instrument :

MSVOA_N

ClientSampleId :

MW4DL

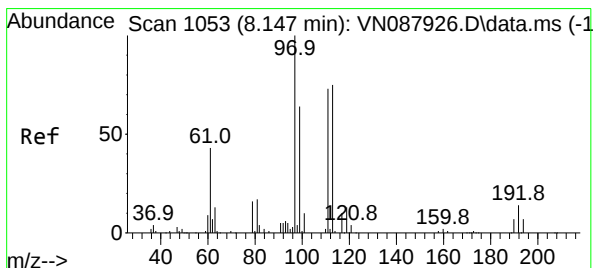
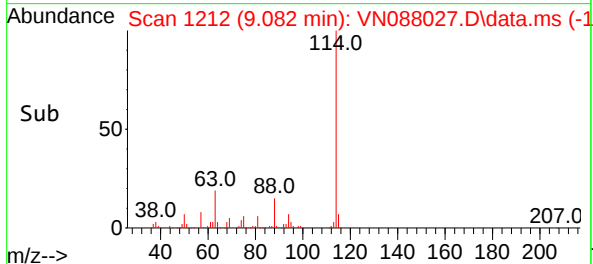
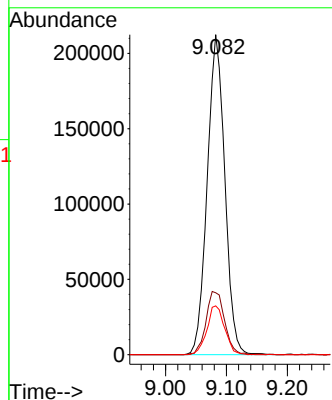
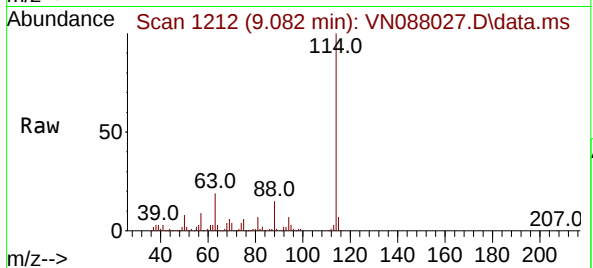
Tgt Ion:114 Resp: 426224

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.265 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VN088027.D

Acq: 03 Oct 2025 16:37

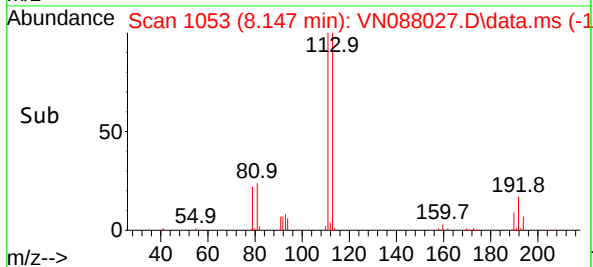
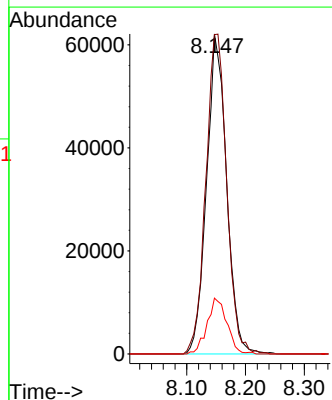
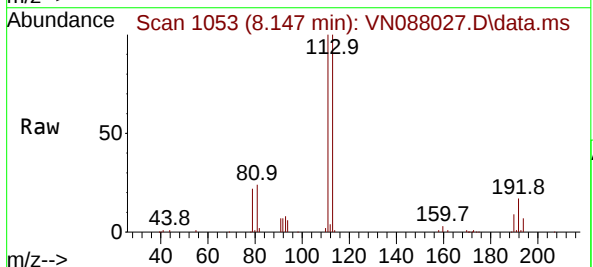
Tgt Ion:113 Resp: 146268

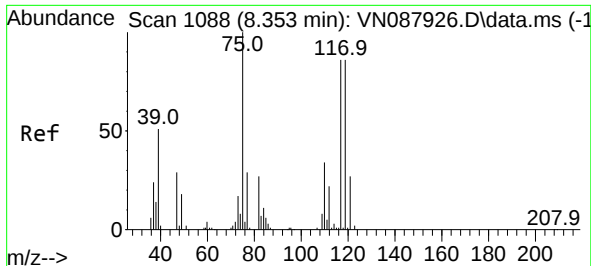
Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.2

192 17.4 14.2 21.2

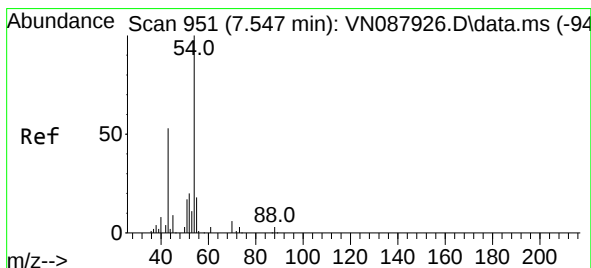
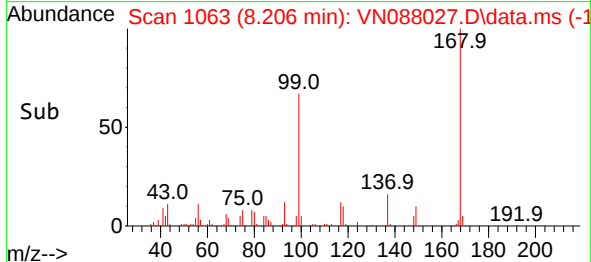
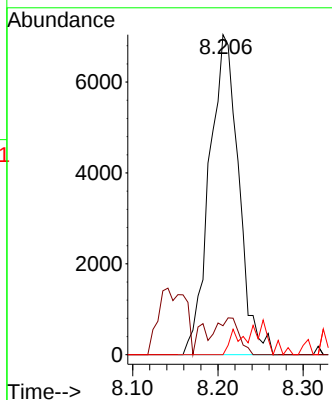
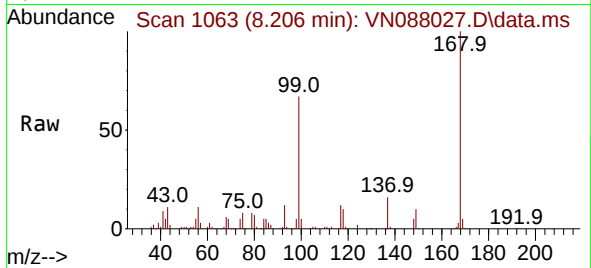




#36
 1,1-Dichloropropene
 Concen: 4.502 ug/l
 RT: 8.206 min Scan# 1063
 Delta R.T. -0.147 min
 Lab File: VN088027.D
 Acq: 03 Oct 2025 16:37

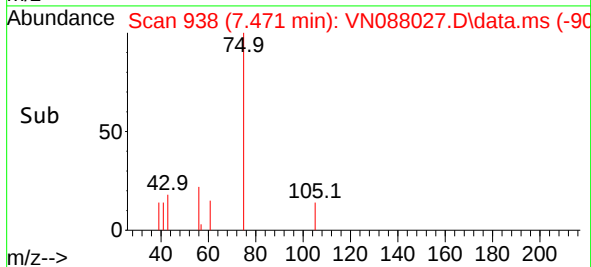
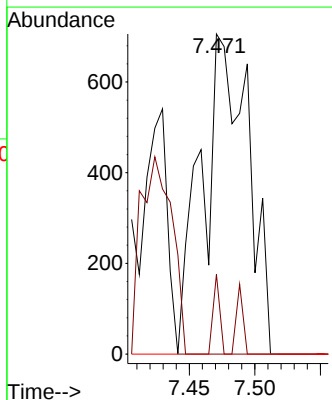
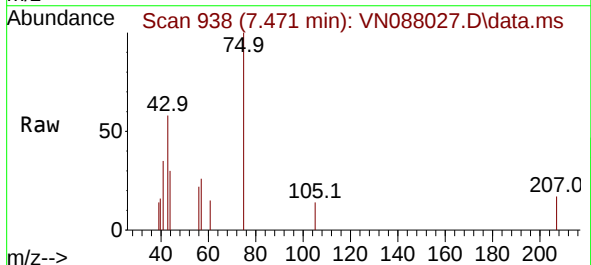
Instrument :
 MSVOA_N
 ClientSampleId :
 MW4DL

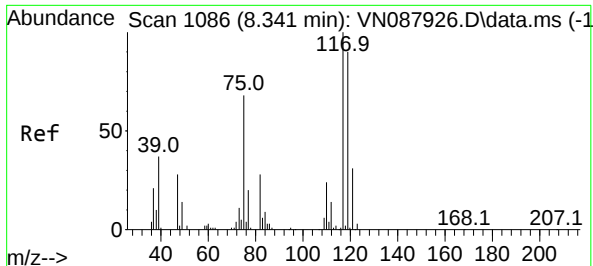
Tgt Ion: 75 Resp: 16754
 Ion Ratio Lower Upper
 75 100
 110 9.0 17.1 51.3#
 77 3.6 24.8 37.2#



#37
 Ethyl Acetate
 Concen: 0.353 ug/l
 RT: 7.471 min Scan# 938
 Delta R.T. -0.077 min
 Lab File: VN088027.D
 Acq: 03 Oct 2025 16:37

Tgt Ion: 43 Resp: 1725
 Ion Ratio Lower Upper
 43 100
 61 3.6 10.7 16.1#
 70 0.0 7.8 11.8#

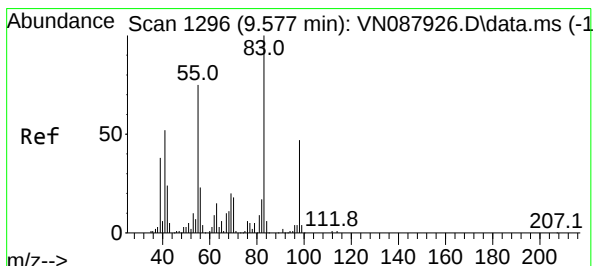
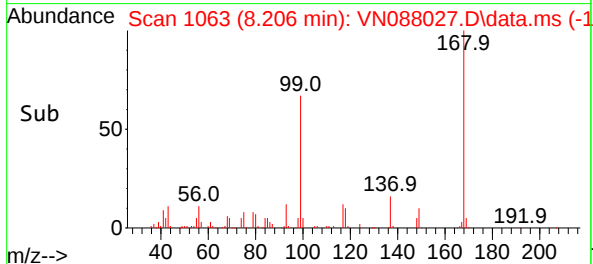
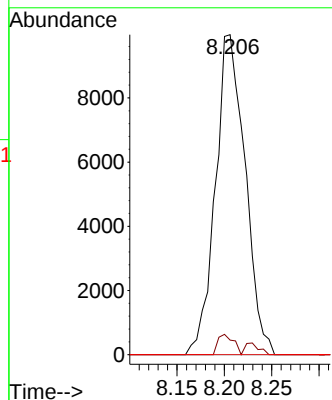
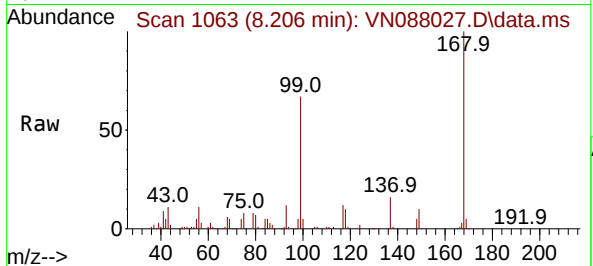




#38
Carbon Tetrachloride
Concen: 5.102 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.135 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

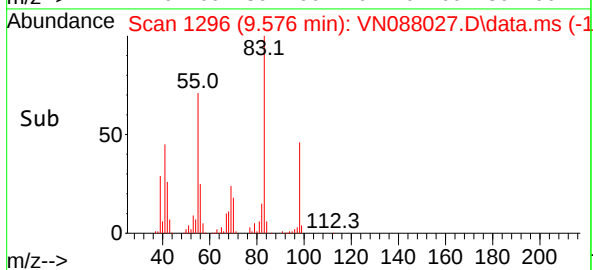
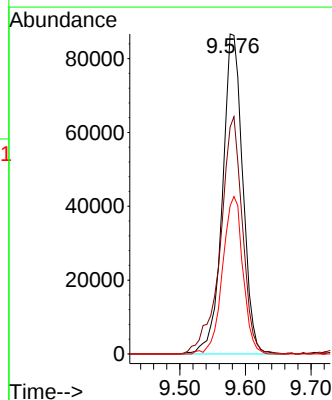
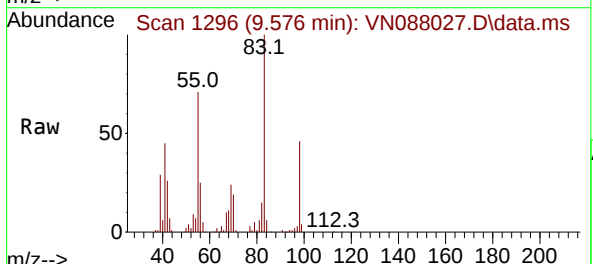
Instrument :
MSVOA_N
ClientSampleId :
MW4DL

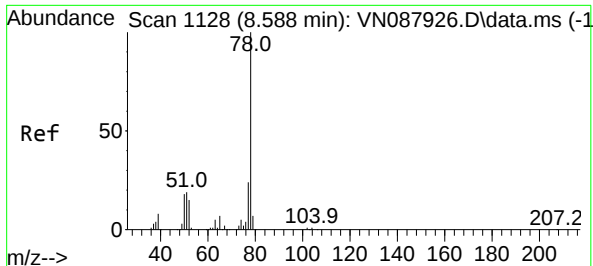
Tgt Ion:117 Resp: 21786
Ion Ratio Lower Upper
117 100
119 4.6 72.1 108.1#
121 0.0 24.6 36.8#



#39
Methylcyclohexane
Concen: 45.169 ug/l
RT: 9.576 min Scan# 1296
Delta R.T. -0.000 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

Tgt Ion: 83 Resp: 185418
Ion Ratio Lower Upper
83 100
55 70.9 59.9 89.9
98 46.3 37.4 56.2

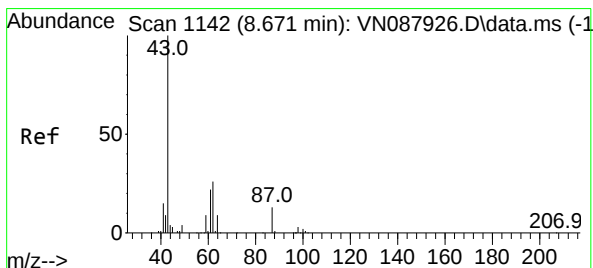
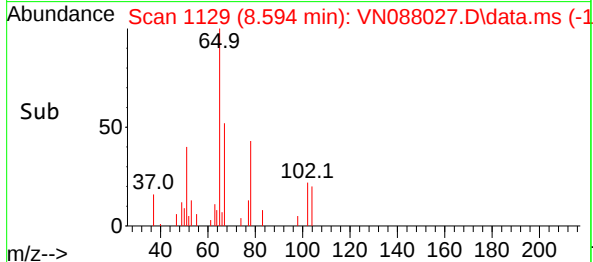
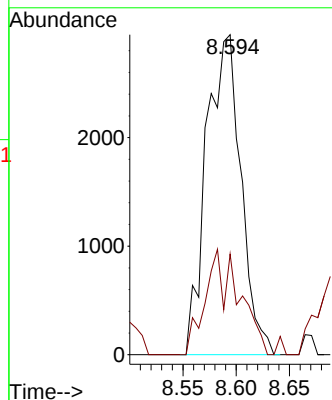
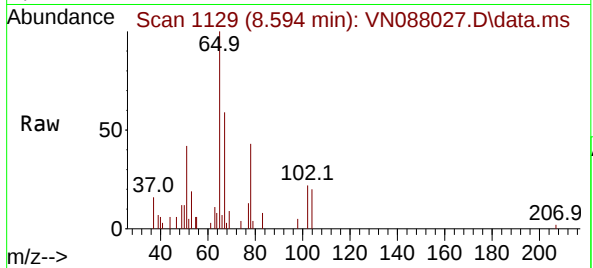




#40
Benzene
Concen: 0.538 ug/l
RT: 8.594 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

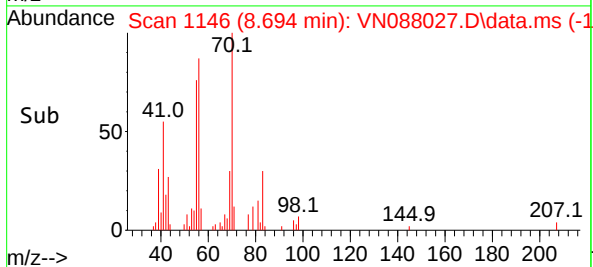
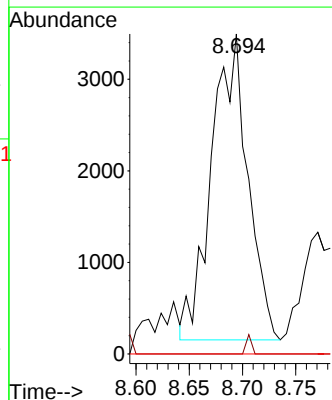
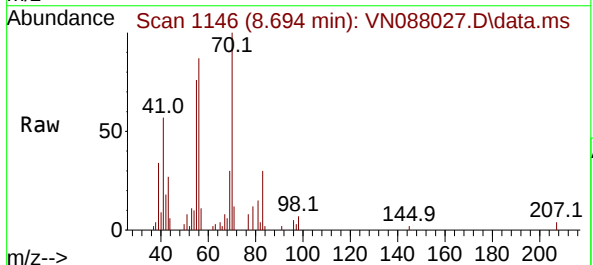
Instrument :
MSVOA_N
ClientSampleId :
MW4DL

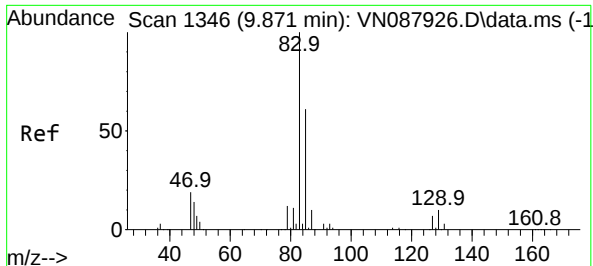
Tgt Ion: 78 Resp: 6634
Ion Ratio Lower Upper
78 100
77 31.4 19.0 28.6#



#43
Isopropyl Acetate
Concen: 1.029 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.023 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

Tgt Ion: 43 Resp: 7916
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2#
87 0.0 10.9 16.3#





#47

Bromodichloromethane

Concen: 0.700 ug/l

RT: 9.765 min Scan# 11

Delta R.T. -0.106 min

Lab File: VN088027.D

Acq: 03 Oct 2025 16:37

Instrument :

MSVOA_N

ClientSampleId :

MW4DL

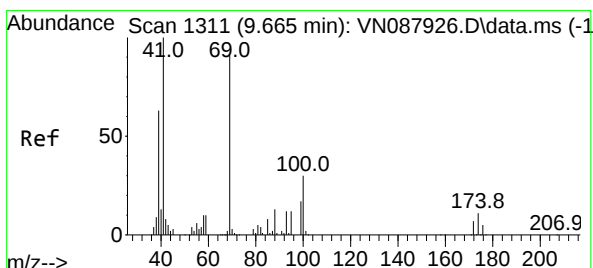
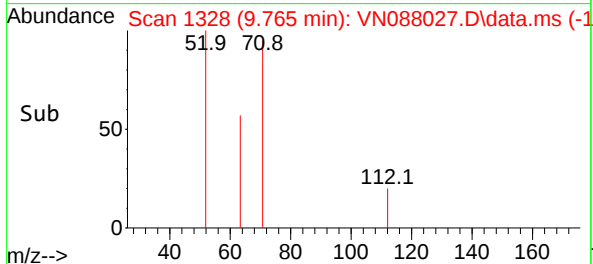
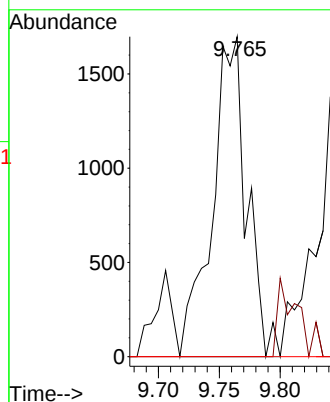
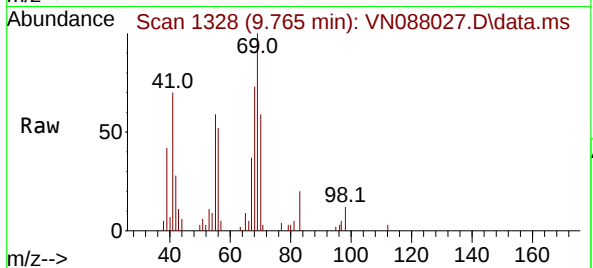
Tgt Ion: 83 Resp: 3345

Ion Ratio Lower Upper

83 100

85 0.0 49.1 73.7#

127 0.0 5.9 8.9#



#48

Methyl methacrylate

Concen: 27.876 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.082 min

Lab File: VN088027.D

Acq: 03 Oct 2025 16:37

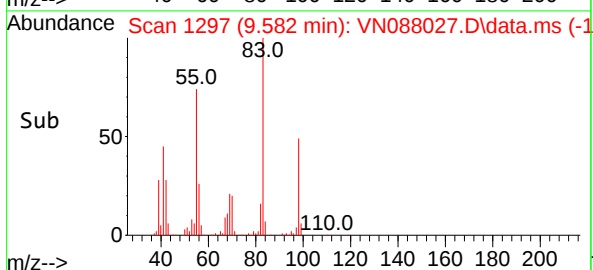
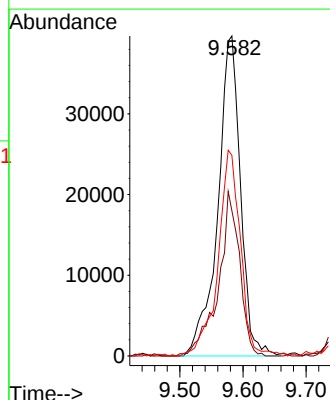
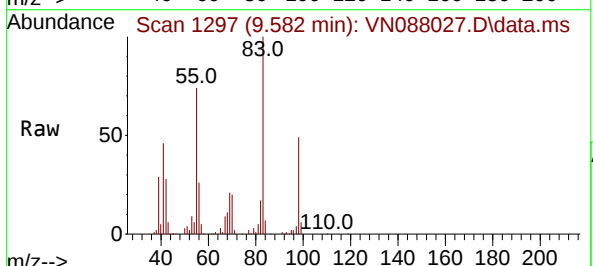
Tgt Ion: 41 Resp: 99292

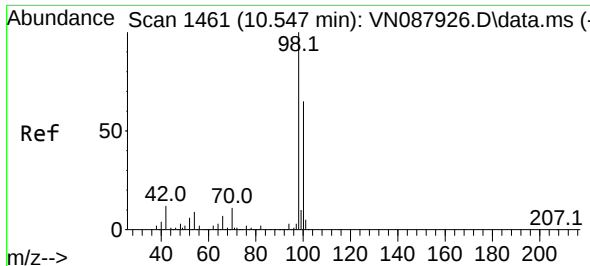
Ion Ratio Lower Upper

41 100

69 47.8 70.9 106.3#

39 63.4 52.9 79.3

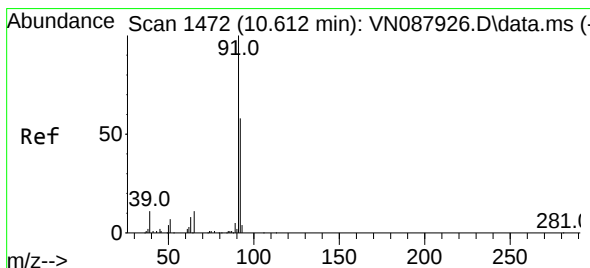
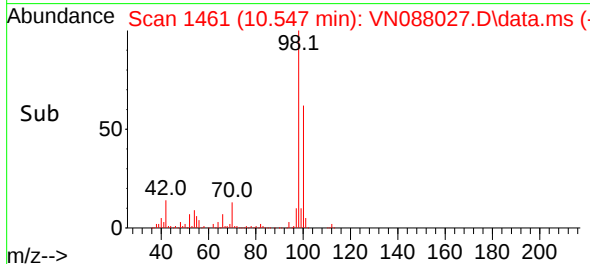
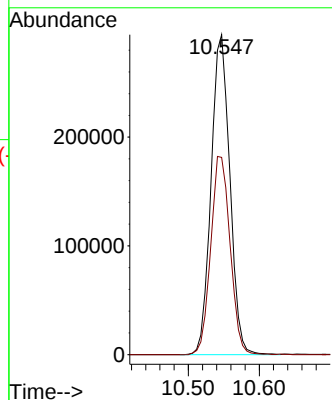
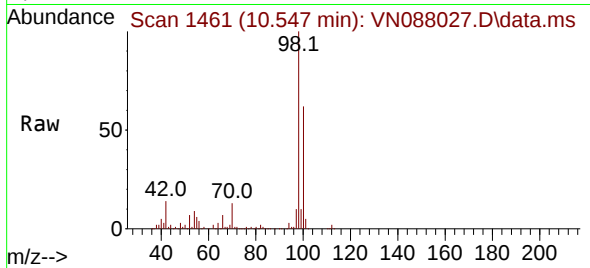




#50
Toluene-d8
Concen: 49.504 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

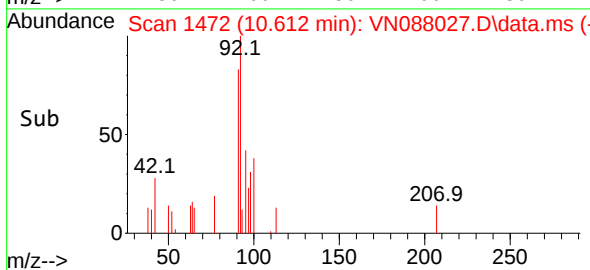
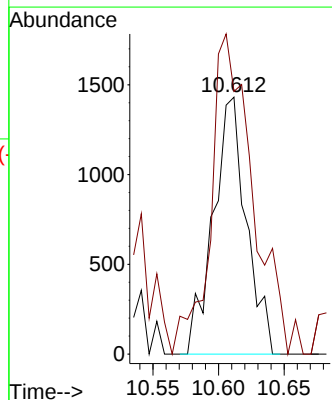
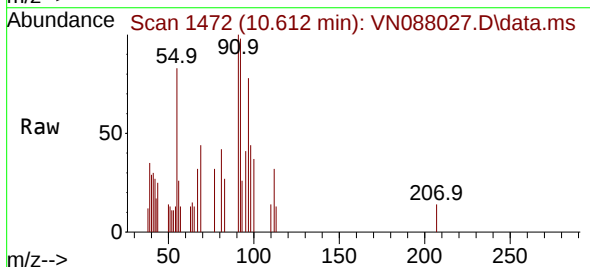
Instrument :
MSVOA_N
ClientSampleId :
MW4DL

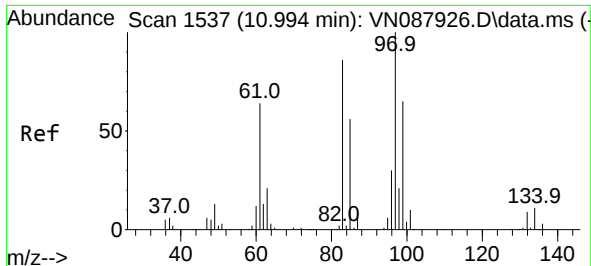
Tgt Ion: 98 Resp: 538729
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5



#52
Toluene
Concen: 0.324 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

Tgt Ion: 92 Resp: 2508
Ion Ratio Lower Upper
92 100
91 159.3 138.2 207.2

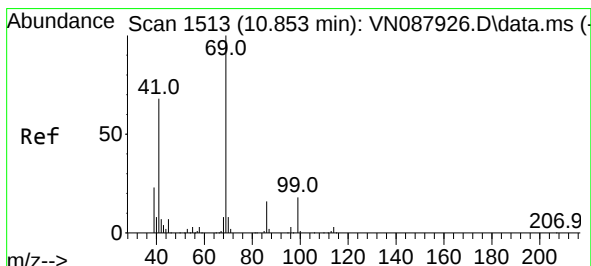
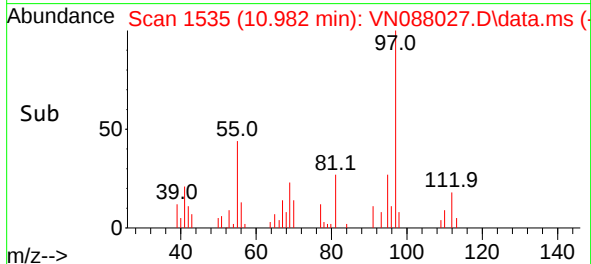
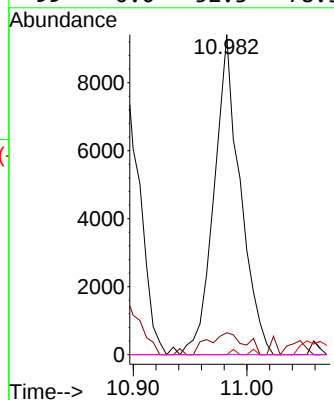
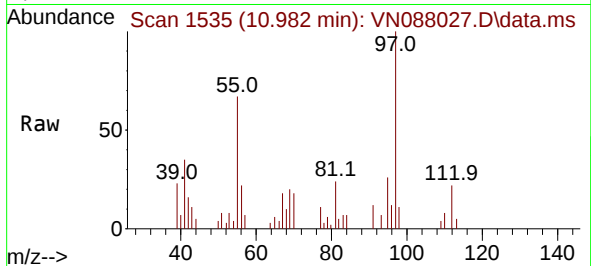




#55
1,1,2-Trichloroethane
Concen: 4.787 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. -0.012 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

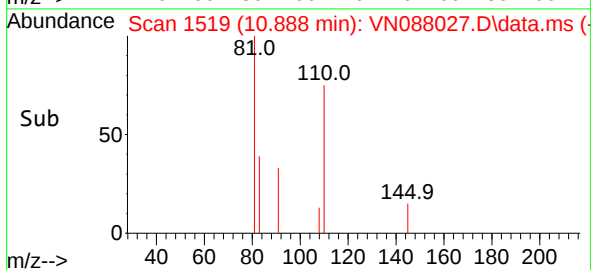
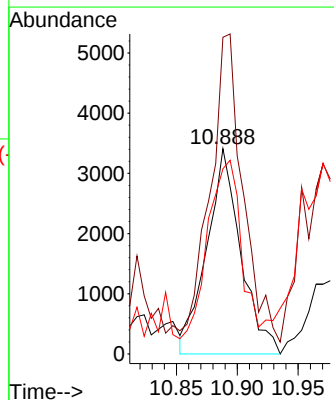
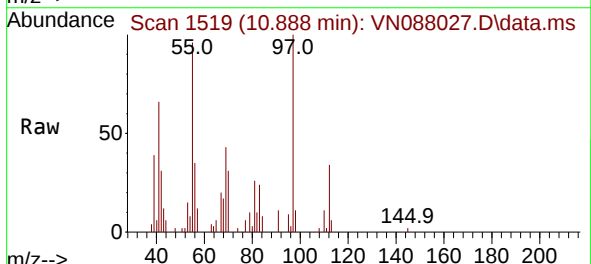
Instrument :
MSVOA_N
ClientSampleId :
MW4DL

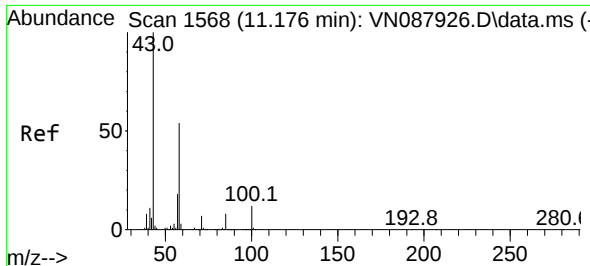
Tgt Ion:	97	Resp:	15050
Ion	Ratio	Lower	Upper
97	100		
83	6.8	69.0	103.4#
85	0.0	44.4	66.6#
99	0.0	52.3	78.5#



#56
Ethyl methacrylate
Concen: 1.454 ug/l
RT: 10.888 min Scan# 1519
Delta R.T. 0.035 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

Tgt Ion:	69	Resp:	6607
Ion	Ratio	Lower	Upper
69	100		
41	144.0	53.8	80.6#
39	87.5	34.7	52.1#

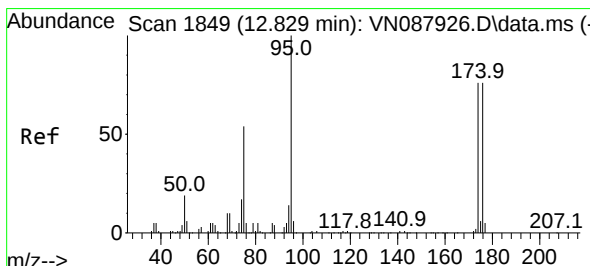
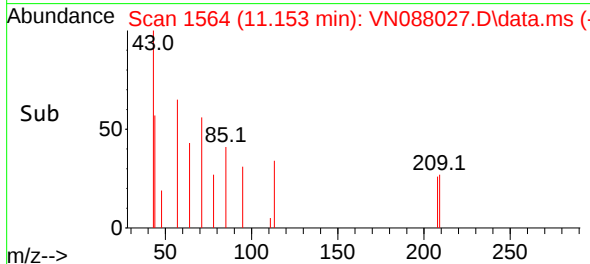
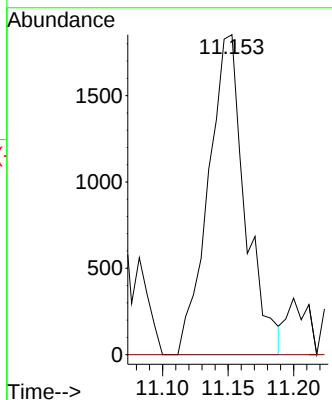
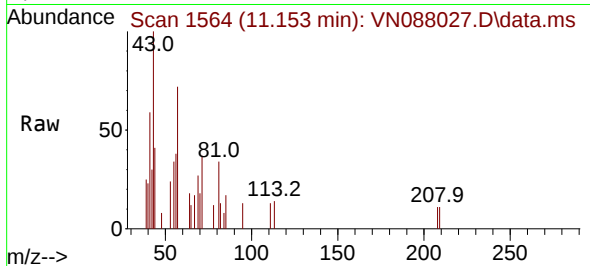




#59
2-Hexanone
Concen: 1.143 ug/l
RT: 11.153 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

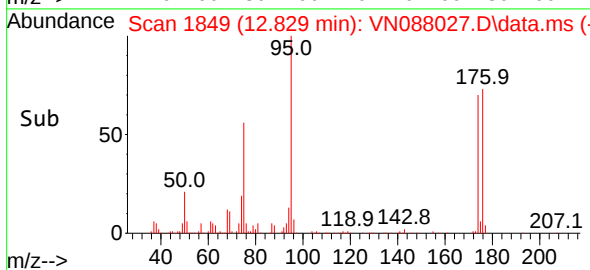
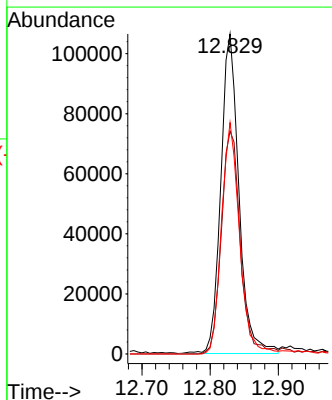
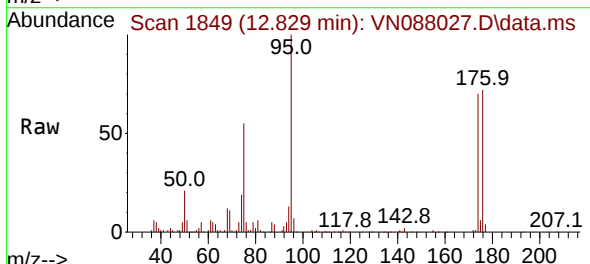
Instrument :
MSVOA_N
ClientSampleId :
MW4DL

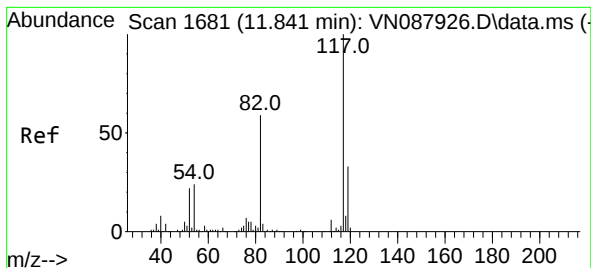
Tgt Ion: 43 Resp: 3628
Ion Ratio Lower Upper
43 100
58 0.0 26.4 79.2#



#62
4-Bromofluorobenzene
Concen: 50.673 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

Tgt Ion: 95 Resp: 197115
Ion Ratio Lower Upper
95 100
174 72.8 0.0 159.2
176 71.7 0.0 152.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN088027.D

Acq: 03 Oct 2025 16:37

Instrument :

MSVOA_N

ClientSampleId :

MW4DL

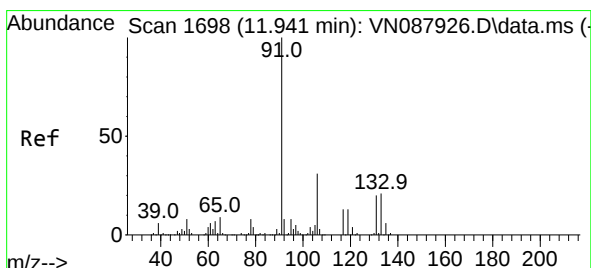
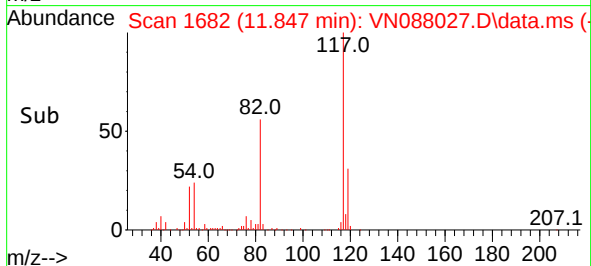
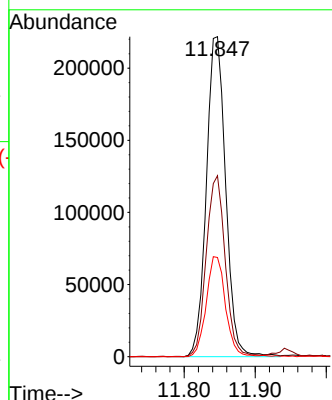
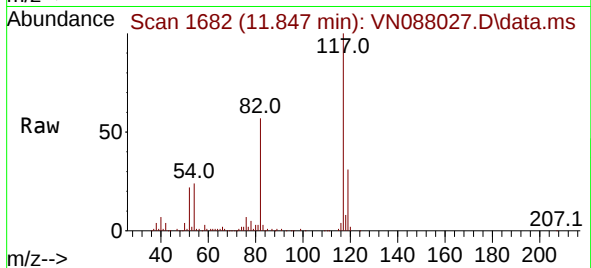
Tgt Ion:117 Resp: 419833

Ion Ratio Lower Upper

117 100

82 56.4 47.0 70.4

119 31.0 26.1 39.1



#67

Ethyl Benzene

Concen: 1.555 ug/l

RT: 11.947 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VN088027.D

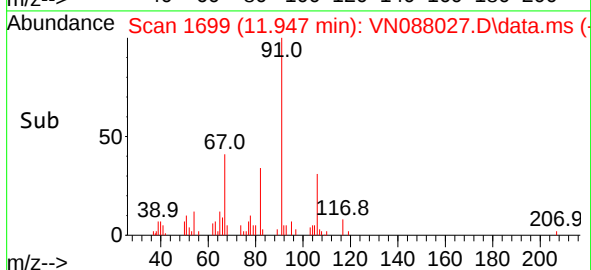
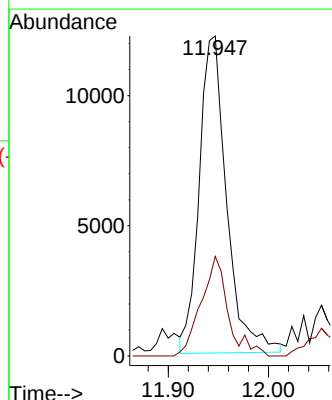
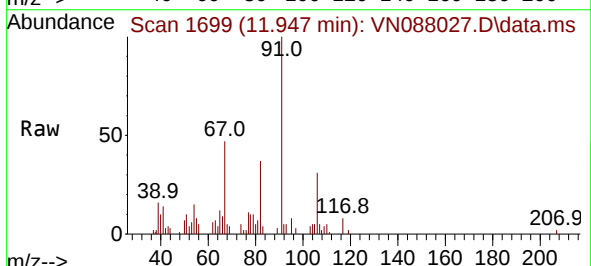
Acq: 03 Oct 2025 16:37

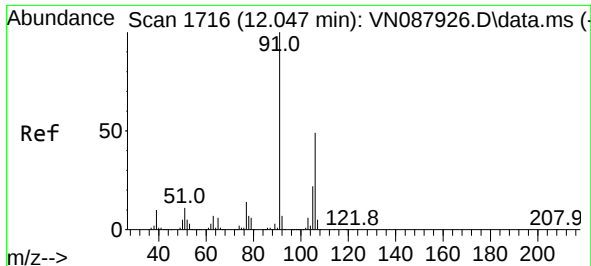
Tgt Ion: 91 Resp: 23183

Ion Ratio Lower Upper

91 100

106 32.3 25.2 37.8

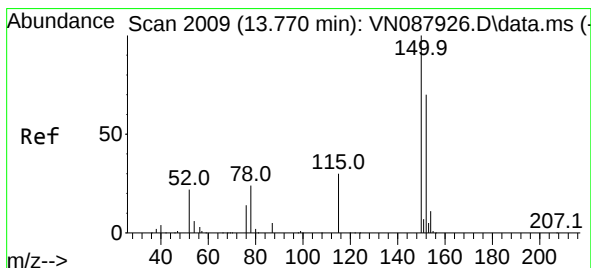
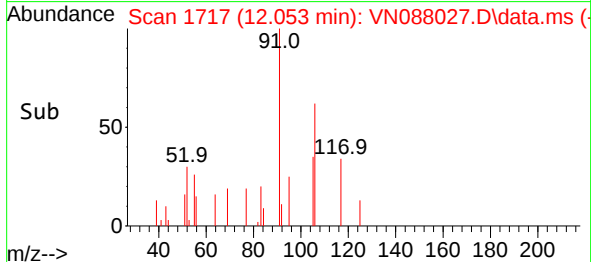
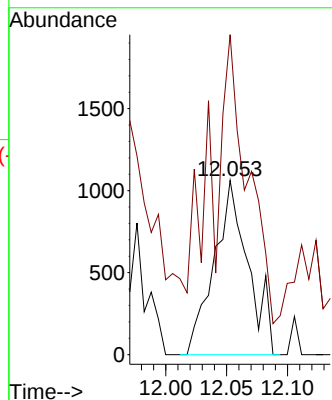
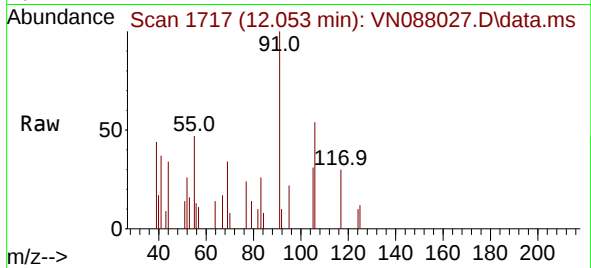




#68
m/p-Xylenes
Concen: 0.360 ug/l
RT: 12.053 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

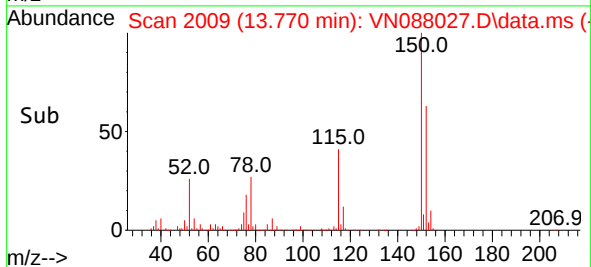
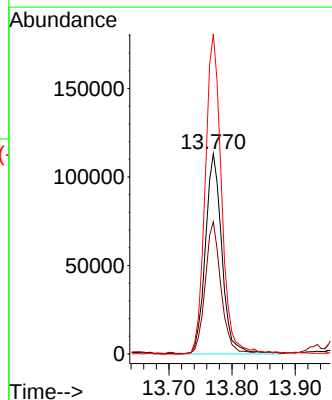
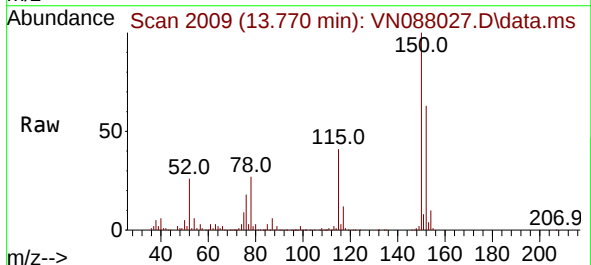
Instrument :
MSVOA_N
ClientSampleId :
MW4DL

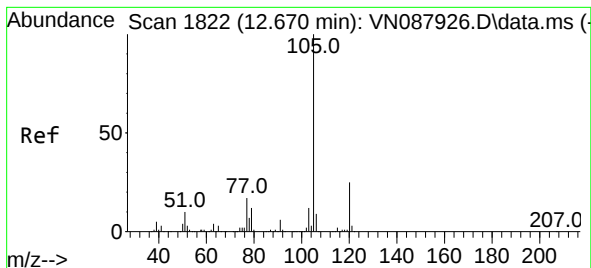
Tgt Ion:106 Resp: 2055
Ion Ratio Lower Upper
106 100
91 183.7 162.9 244.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

Tgt Ion:152 Resp: 205320
Ion Ratio Lower Upper
152 100
115 62.3 29.9 89.7
150 157.7 0.0 335.0





#73

Isopropylbenzene

Concen: 2.486 ug/l

RT: 12.676 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VN088027.D

Acq: 03 Oct 2025 16:37

Instrument :

MSVOA_N

ClientSampleId :

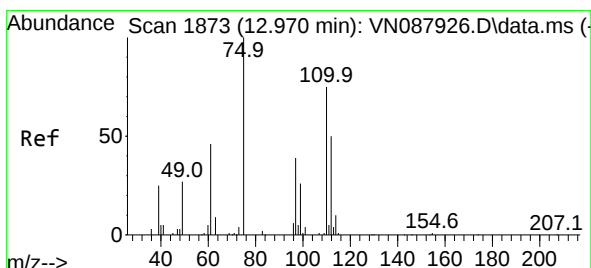
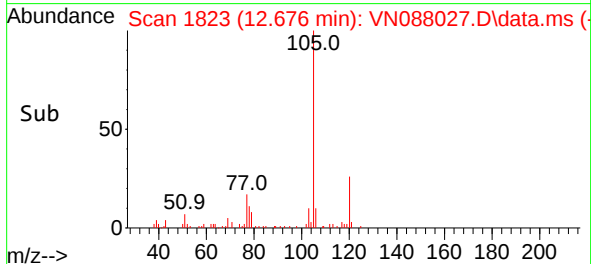
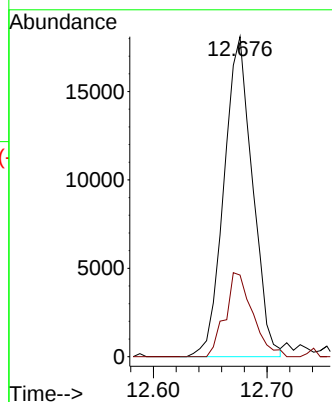
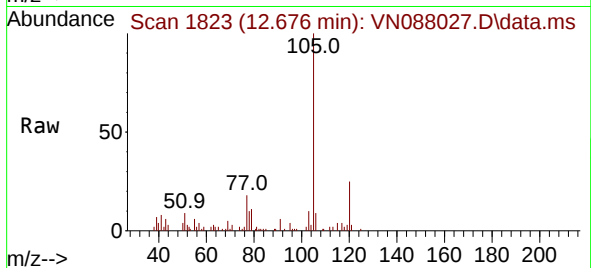
MW4DL

Tgt Ion:105 Resp: 31633

Ion Ratio Lower Upper

105 100

120 25.1 13.1 39.1



#76

1,2,3-Trichloropropane

Concen: 26.042 ug/l

RT: 12.829 min Scan# 1849

Delta R.T. -0.141 min

Lab File: VN088027.D

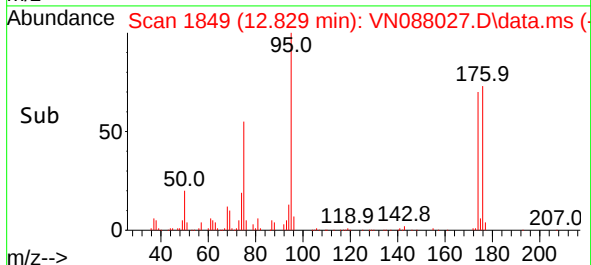
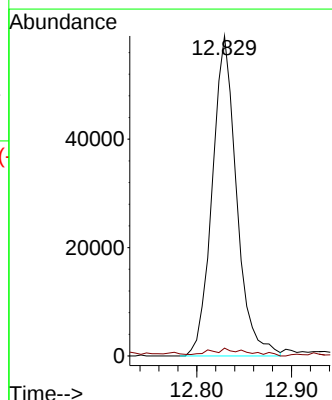
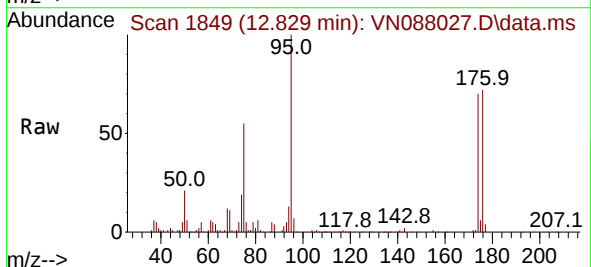
Acq: 03 Oct 2025 16:37

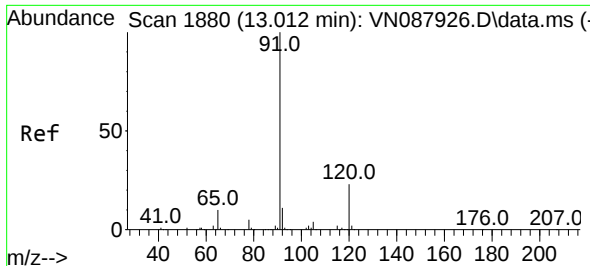
Tgt Ion: 75 Resp: 105398

Ion Ratio Lower Upper

75 100

77 3.6 89.5 268.5#

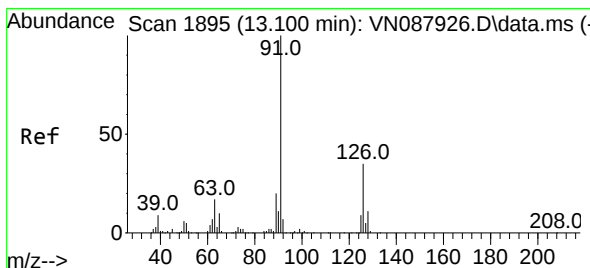
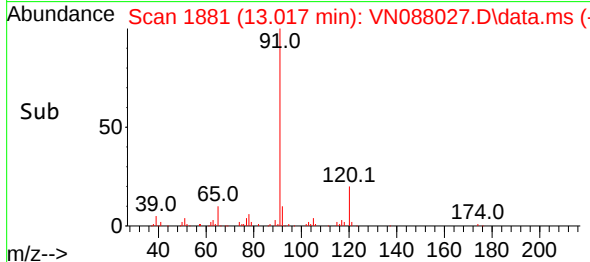
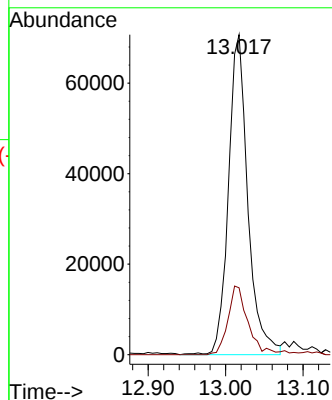
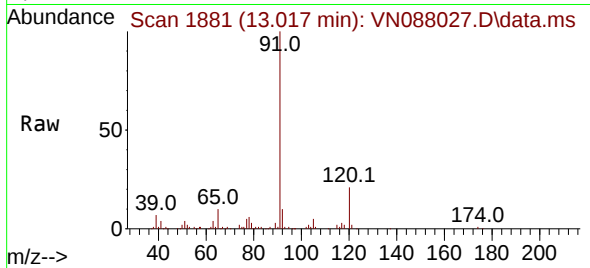




#78
n-propylbenzene
Concen: 7.726 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

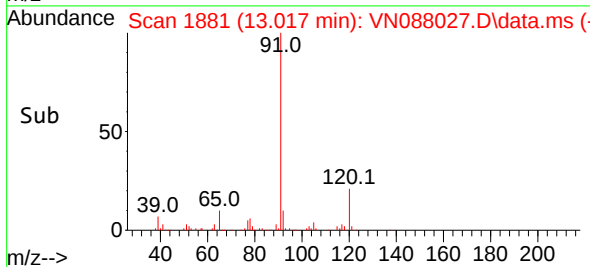
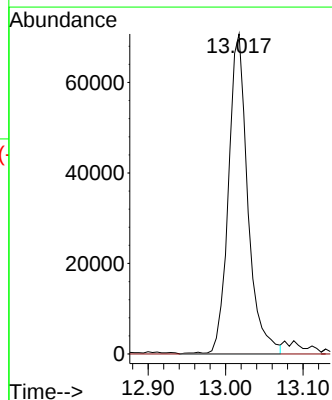
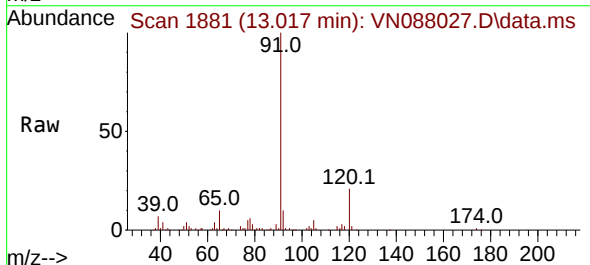
Instrument :
MSVOA_N
ClientSampleId :
MW4DL

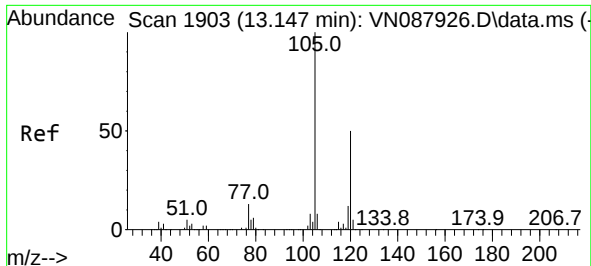
Tgt Ion: 91 Resp: 122920
Ion Ratio Lower Upper
91 100
120 22.6 11.1 33.1



#79
2-Chlorotoluene
Concen: 12.689 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. -0.082 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

Tgt Ion: 91 Resp: 122920
Ion Ratio Lower Upper
91 100
126 0.0 16.6 49.8#

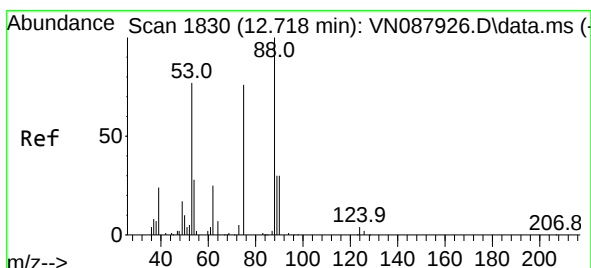
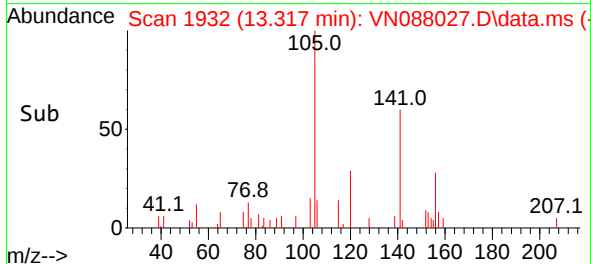
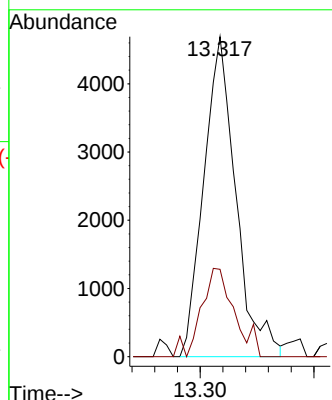
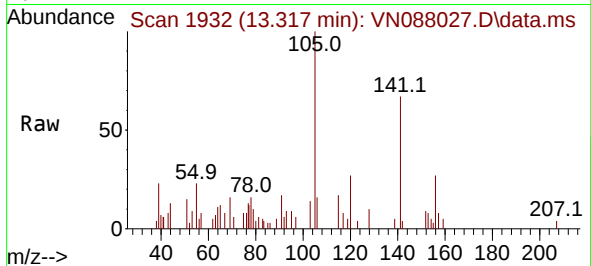




#80
 1,3,5-Trimethylbenzene
 Concen: 0.835 ug/l
 RT: 13.317 min Scan# 1903
 Delta R.T. 0.170 min
 Lab File: VN088027.D
 Acq: 03 Oct 2025 16:37

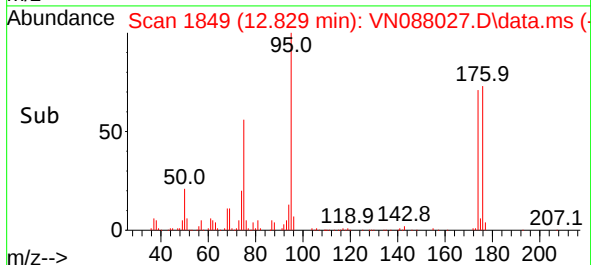
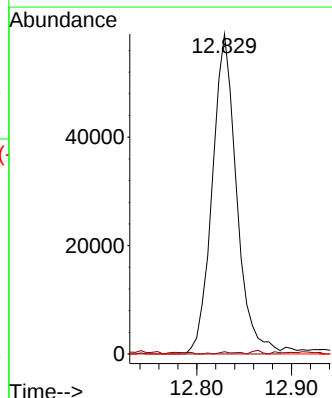
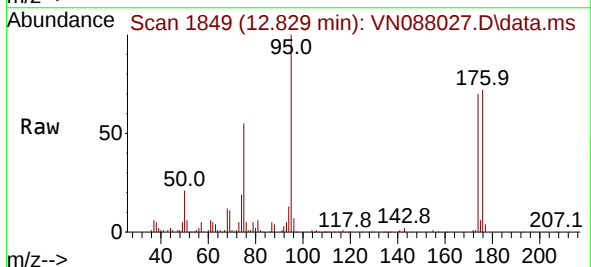
Instrument :
 MSVOA_N
 ClientSampleId :
 MW4DL

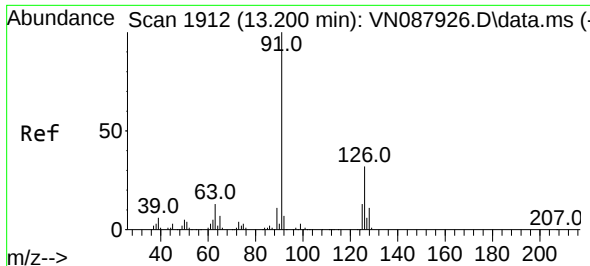
Tgt Ion:105 Resp: 9192
 Ion Ratio Lower Upper
 105 100
 120 28.4 24.7 74.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.313 ug/l
 RT: 12.829 min Scan# 1849
 Delta R.T. 0.112 min
 Lab File: VN088027.D
 Acq: 03 Oct 2025 16:37

Tgt Ion: 75 Resp: 105398
 Ion Ratio Lower Upper
 75 100
 53 0.4 82.0 123.0#
 89 0.0 36.1 54.1#

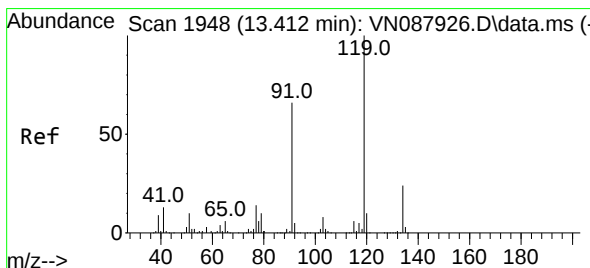
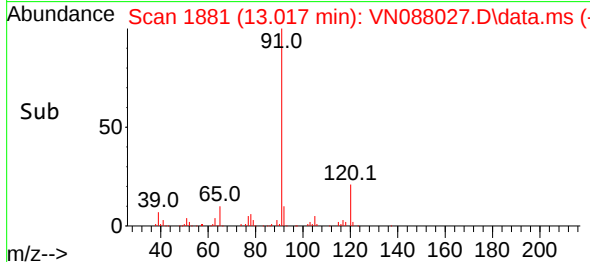
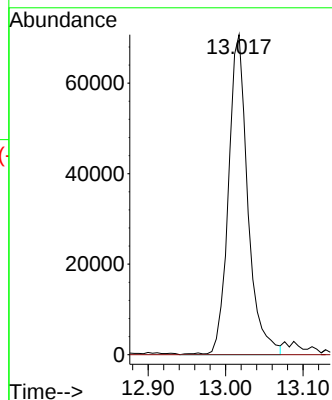
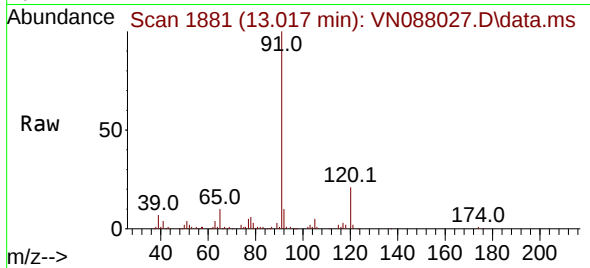




#82
4-Chlorotoluene
Concen: 12.593 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. -0.182 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

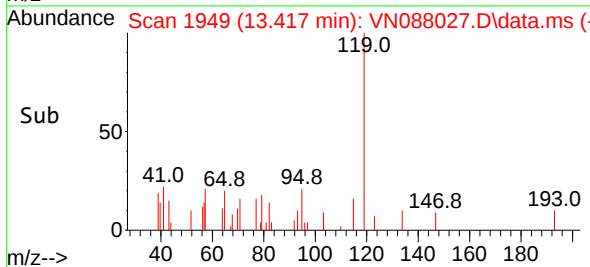
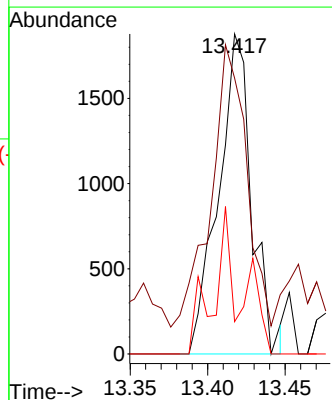
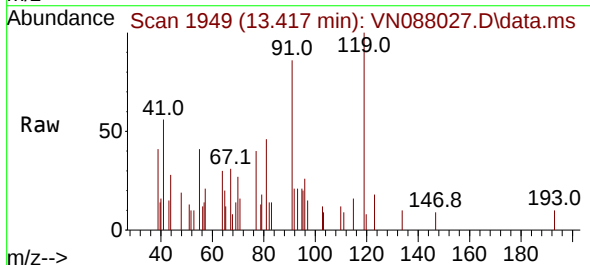
Instrument :
MSVOA_N
ClientSampleId :
MW4DL

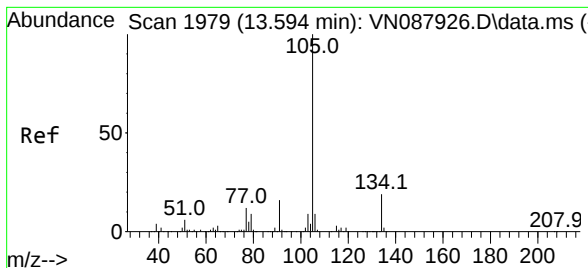
Tgt Ion: 91 Resp: 122920
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.6#



#83
tert-Butylbenzene
Concen: 0.300 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

Tgt Ion: 119 Resp: 2796
Ion Ratio Lower Upper
119 100
91 93.6 32.1 96.3
134 28.2 12.3 36.8





#85

sec-Butylbenzene

Concen: 1.806 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VN088027.D

Acq: 03 Oct 2025 16:37

Instrument :

MSVOA_N

ClientSampleId :

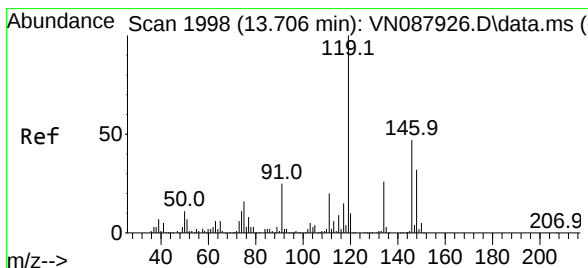
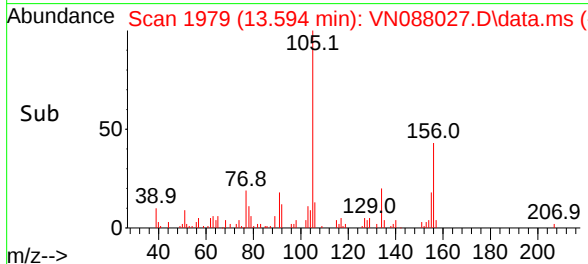
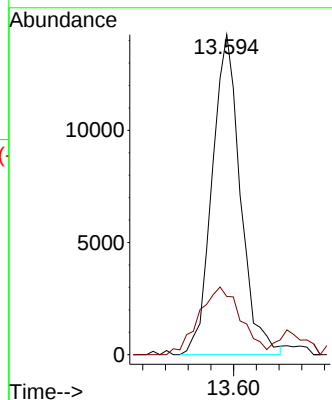
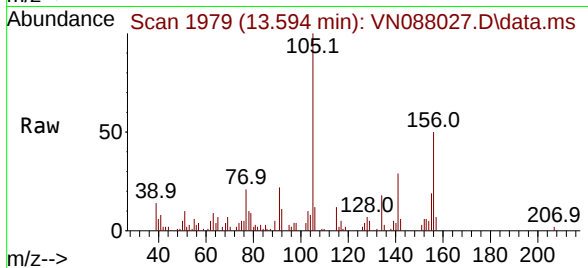
MW4DL

Tgt Ion:105 Resp: 24672

Ion Ratio Lower Upper

105 100

134 31.4 9.6 28.8#



#86

p-Isopropyltoluene

Concen: 0.493 ug/l

RT: 13.653 min Scan# 1989

Delta R.T. -0.053 min

Lab File: VN088027.D

Acq: 03 Oct 2025 16:37

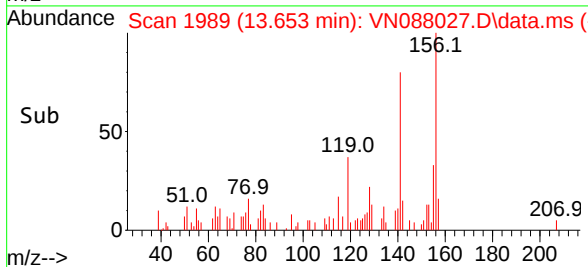
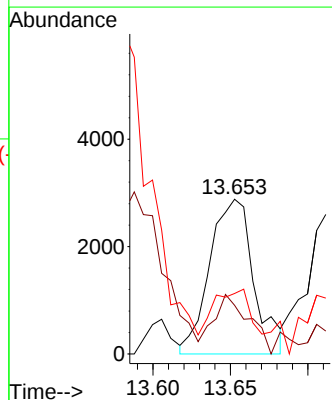
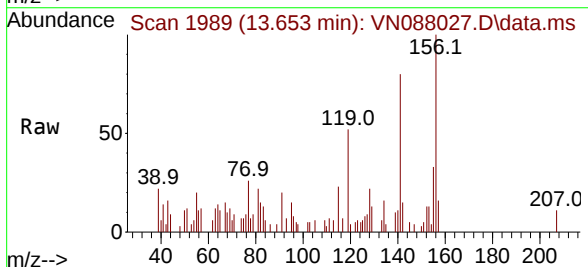
Tgt Ion:119 Resp: 5702

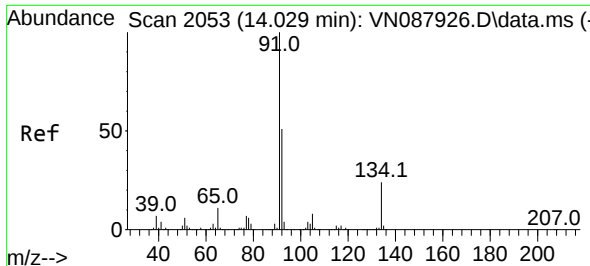
Ion Ratio Lower Upper

119 100

134 30.8 13.1 39.3

91 22.7 11.9 35.5

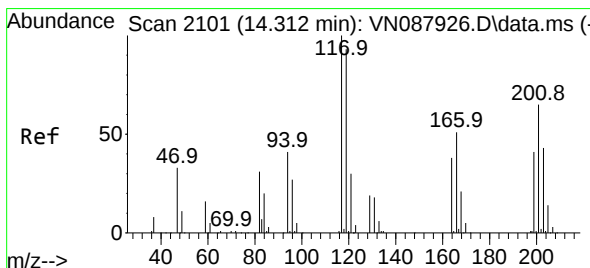
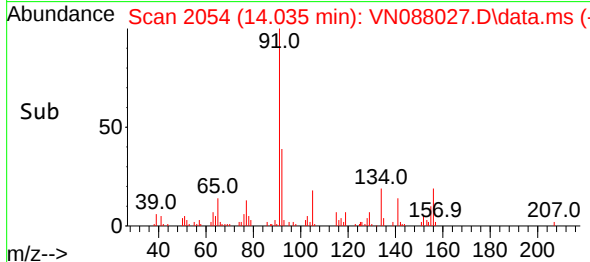
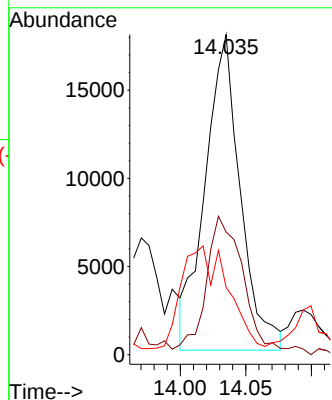
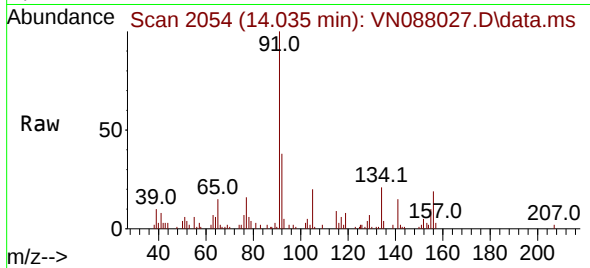




#89
n-Butylbenzene
Concen: 3.061 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

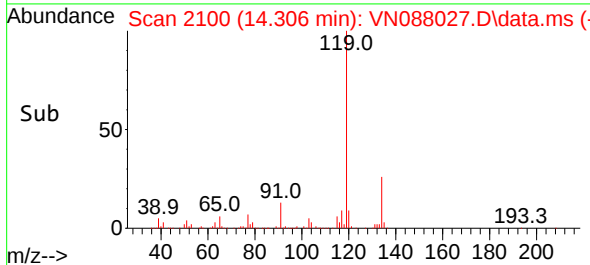
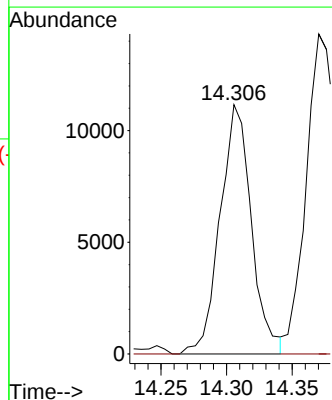
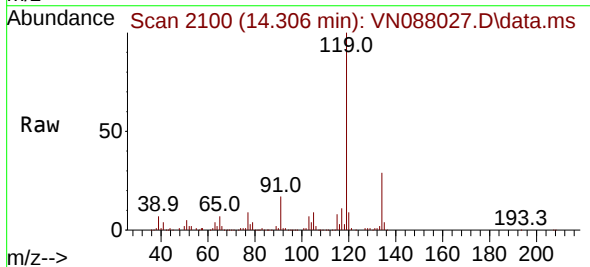
Instrument :
MSVOA_N
ClientSampleId :
MW4DL

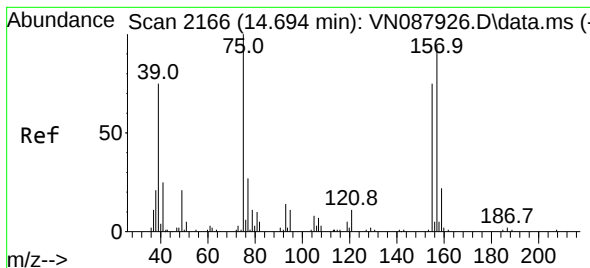
Tgt Ion: 91 Resp: 33462
Ion Ratio Lower Upper
91 100
92 47.5 25.9 77.8
134 47.8 12.6 37.8#



#90
Hexachloroethane
Concen: 7.680 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

Tgt Ion: 117 Resp: 18560
Ion Ratio Lower Upper
117 100
201 0.0 33.6 100.6#

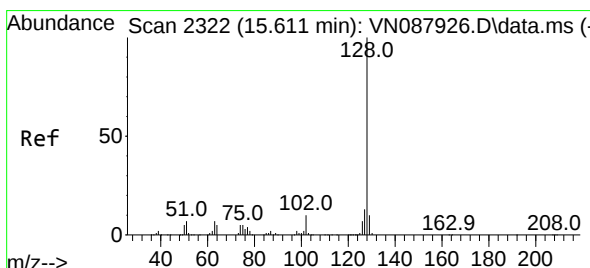
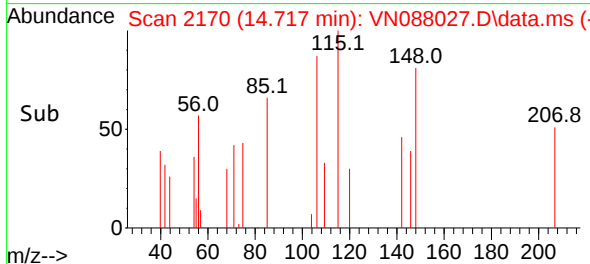
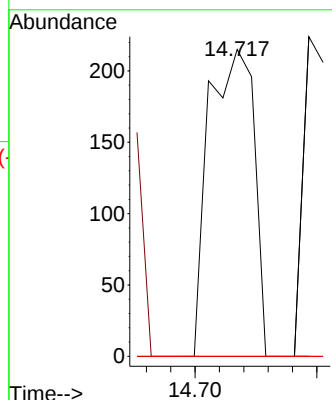
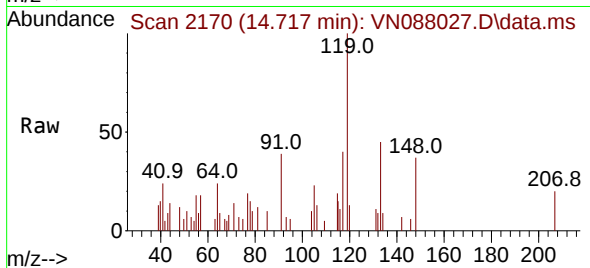




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.260 ug/l
RT: 14.717 min Scan# 2166
Delta R.T. 0.023 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

Instrument :
MSVOA_N
ClientSampleId :
MW4DL

Tgt Ion: 75 Resp: 277
Ion Ratio Lower Upper
75 100
155 0.0 40.2 120.6#
157 0.0 50.9 152.7#



#95
Naphthalene
Concen: 0.276 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.006 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

Tgt Ion: 128 Resp: 3337
Ion Ratio Lower Upper
128 100
127 7.0 10.2 15.4#
129 17.9 8.6 13.0#

