

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
 Data File : VN088120.D
 Acq On : 27 Oct 2025 17:19
 Operator : JC\MD
 Sample : Q3426-04 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW2

Quant Time: Oct 28 01:30:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	257811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	580168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	561441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	281349	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	269979	60.559	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 121.120%	
35) Dibromofluoromethane	8.147	113	190513	48.880	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.760%	
50) Toluene-d8	10.541	98	687552	45.782	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 91.560%	
62) 4-Bromofluorobenzene	12.829	95	278511	52.511	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.020%	

Target Compounds					Qvalue	
11) Tert butyl alcohol	5.518	59	362	0.471	ug/l #	71
13) Acrolein	4.142	56	7974	9.230	ug/l #	1
16) Acetone	4.424	43	17419	7.777	ug/l	90
18) Methyl Acetate	5.265	43	22684	4.947	ug/l #	54
19) Methyl tert-butyl Ether	5.783	73	3420	0.287	ug/l #	1
20) Methylene Chloride	5.253	84	848	1.012	ug/l #	64
23) Vinyl Acetate	6.641	43	6986	0.649	ug/l #	72
24) 1,1-Dichloroethane	6.636	63	2499	0.378	ug/l #	82
25) 2-Butanone	7.483	43	7150	2.422	ug/l #	82
28) Bromochloromethane	7.977	49	1810	0.579	ug/l #	19
30) Chloroform	7.918	83	10652	1.611	ug/l #	19
31) Cyclohexane	8.241	56	422101	67.640	ug/l	98
36) 1,1-Dichloropropene	8.212	75	26633	4.680	ug/l #	51
37) Ethyl Acetate	7.483	43	7150	0.974	ug/l #	72
38) Carbon Tetrachloride	8.200	117	29350	4.993	ug/l #	16
39) Methylcyclohexane	9.582	83	283403	38.743	ug/l	98
40) Benzene	8.588	78	970391	55.990	ug/l	99
41) Methacrylonitrile	7.800	41	4775	1.235	ug/l #	50
43) Isopropyl Acetate	8.683	43	6766	0.600	ug/l #	58
45) 1,2-Dichloropropane	9.571	63	4022	0.919	ug/l #	1
48) Methyl methacrylate	9.577	41	159906	30.692	ug/l #	77
52) Toluene	10.612	92	40821	3.820	ug/l	96
55) 1,1,2-Trichloroethane	10.988	97	8943	2.206	ug/l #	20
56) Ethyl methacrylate	10.894	69	4778	0.745	ug/l #	46
58) 2-Chloroethyl Vinyl ether	10.141	63	868	0.260	ug/l #	49
67) Ethyl Benzene	11.941	91	126260	5.642	ug/l	98
68) m/p-Xylenes	12.053	106	82223	9.807	ug/l	98
69) o-Xylene	12.371	106	6889	0.867	ug/l	84
73) Isopropylbenzene	12.676	105	180436	8.315	ug/l	99
76) 1,2,3-Trichloropropane	12.829	75	161497	25.106	ug/l #	1
78) n-propylbenzene	13.012	91	390222	14.736	ug/l	99
79) 2-Chlorotoluene	13.012	91	390222	25.839	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.153	105	86009	4.773	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.829	75	161497	70.035	ug/l #	1
82) 4-Chlorotoluene	13.312	91	20300	1.242	ug/l #	43
84) 1,2,4-Trimethylbenzene	13.459	105	43111	2.391	ug/l	96

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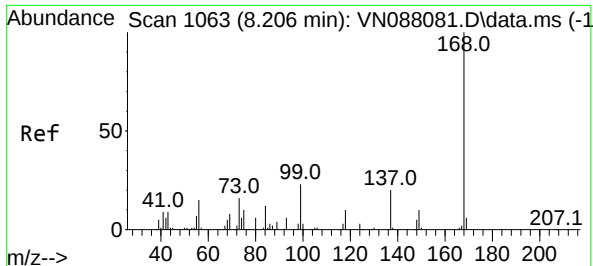
Quant Time: Oct 28 01:30:58 2025
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Quant Title : SW846 8260
QLast Update : Sat Oct 25 00:15:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.594	105	16466	0.696	ug/l #	62
86) p-Isopropyltoluene	13.706	119	9936	0.524	ug/l	95
89) n-Butylbenzene	14.029	91	17697	0.942	ug/l #	81
90) Hexachloroethane	14.306	117	14205	3.866	ug/l #	22
95) Naphthalene	15.611	128	67226	3.599	ug/l	97

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

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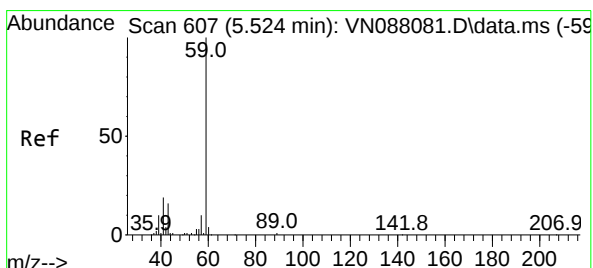
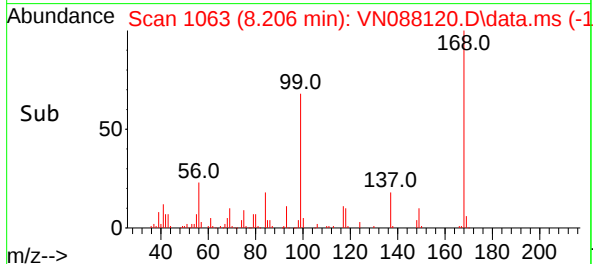
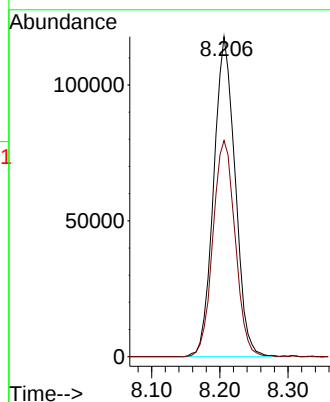
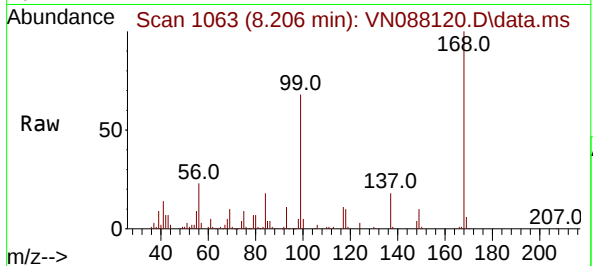




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088120.D
Acq: 27 Oct 2025 17:19

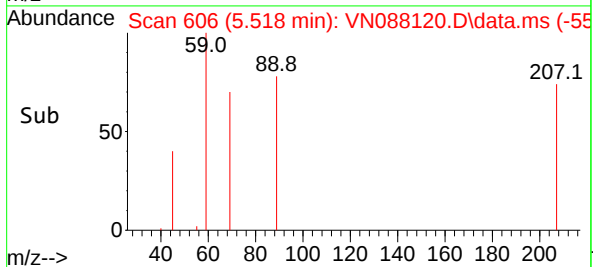
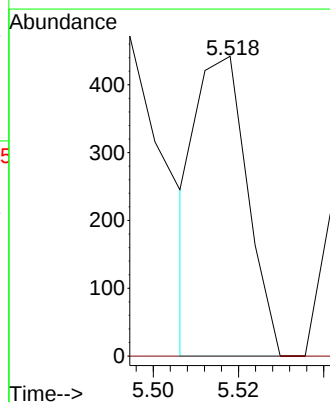
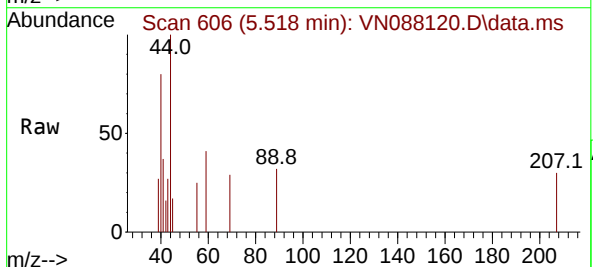
Instrument :
MSVOA_N
ClientSampleId :
MW2

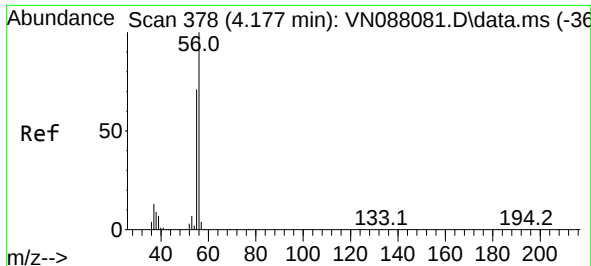
Tgt Ion:168 Resp: 257811
Ion Ratio Lower Upper
168 100
99 67.5 57.2 85.8



#11
Tert butyl alcohol
Concen: 0.471 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN088120.D
Acq: 27 Oct 2025 17:19

Tgt Ion: 59 Resp: 362
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#

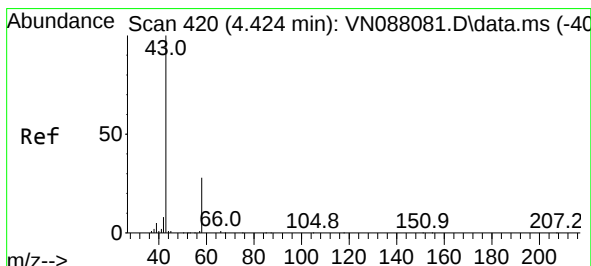
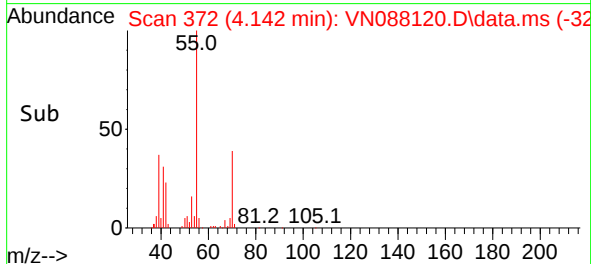
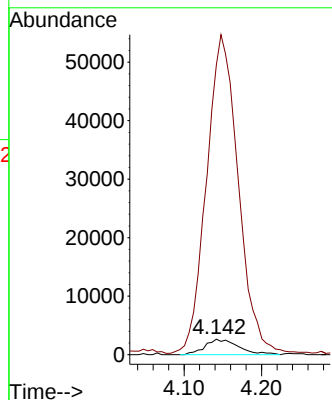
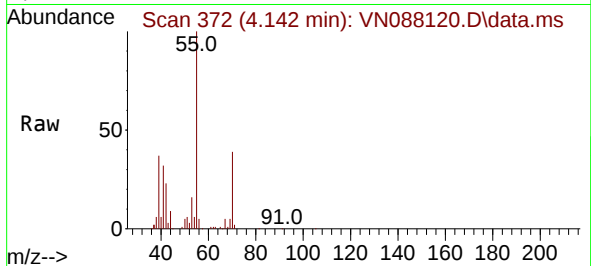




#13
Acrolein
Concen: 9.230 ug/l
RT: 4.142 min Scan# 31
Delta R.T. -0.029 min
Lab File: VN088120.D
Acq: 27 Oct 2025 17:19

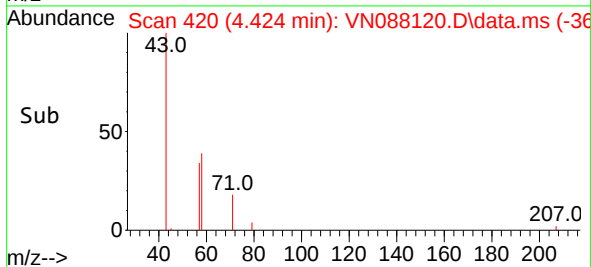
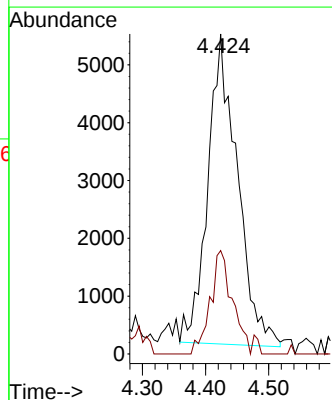
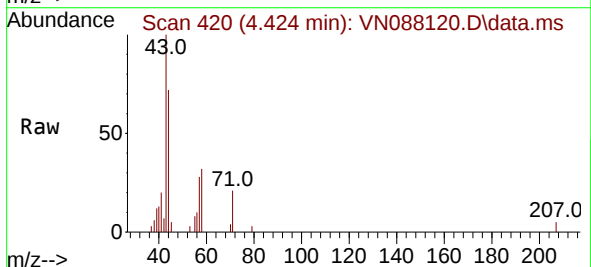
Instrument :
MSVOA_N
ClientSampleId :
MW2

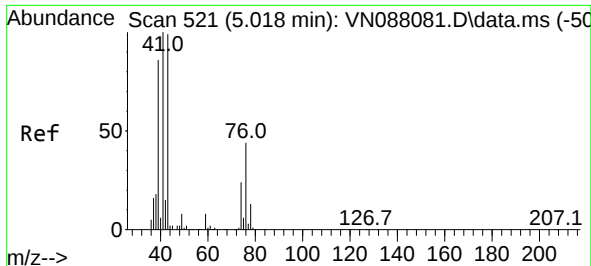
Tgt Ion: 56 Resp: 7974
Ion Ratio Lower Upper
56 100
55 1956.4 57.3 85.9#



#16
Acetone
Concen: 7.777 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088120.D
Acq: 27 Oct 2025 17:19

Tgt Ion: 43 Resp: 17419
Ion Ratio Lower Upper
43 100
58 33.6 22.6 33.8

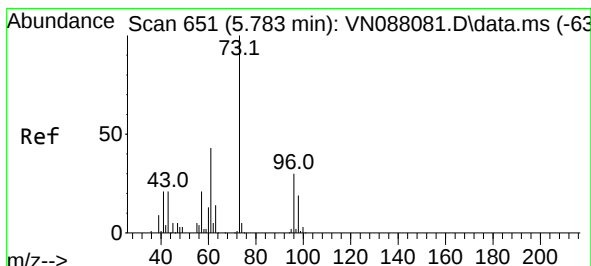
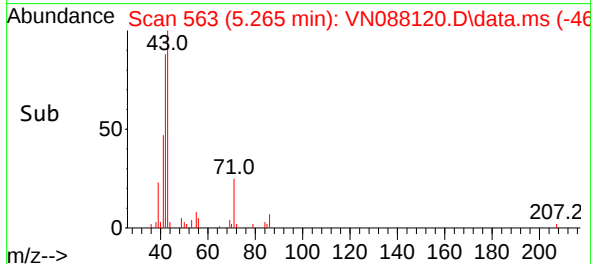
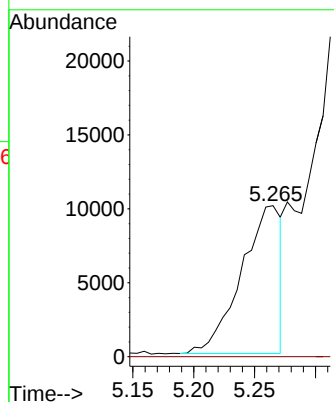
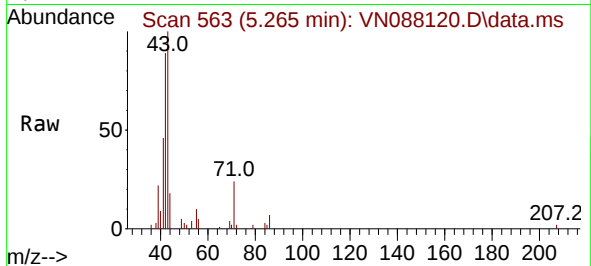




#18
Methyl Acetate
Concen: 4.947 ug/l
RT: 5.265 min Scan# 501
Delta R.T. 0.253 min
Lab File: VN088120.D
Acq: 27 Oct 2025 17:19

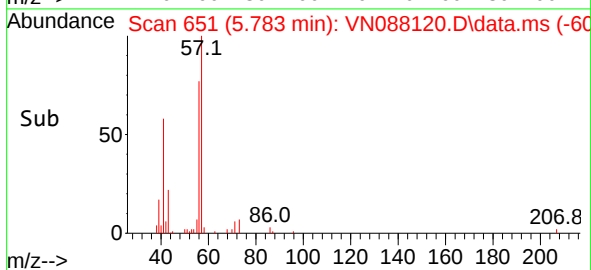
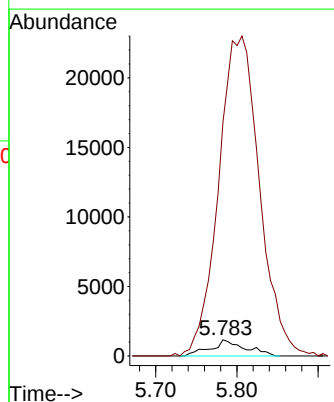
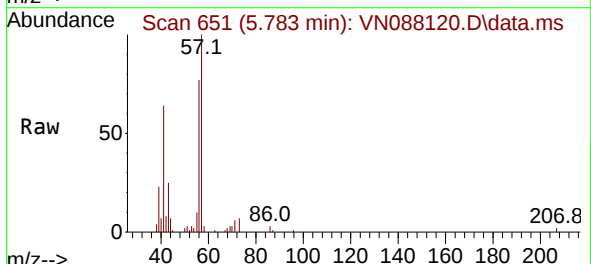
Instrument :
MSVOA_N
ClientSampleId :
MW2

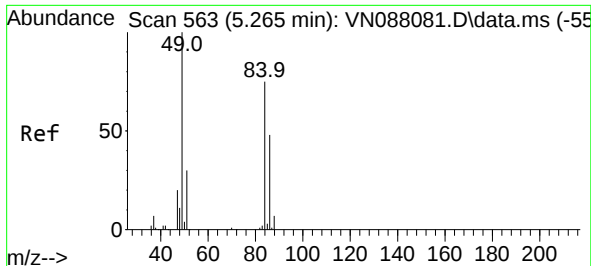
Tgt Ion: 43 Resp: 22684
Ion Ratio Lower Upper
43 100
74 0.0 17.6 26.4#



#19
Methyl tert-butyl Ether
Concen: 0.287 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN088120.D
Acq: 27 Oct 2025 17:19

Tgt Ion: 73 Resp: 3420
Ion Ratio Lower Upper
73 100
57 1446.3 18.4 27.6#

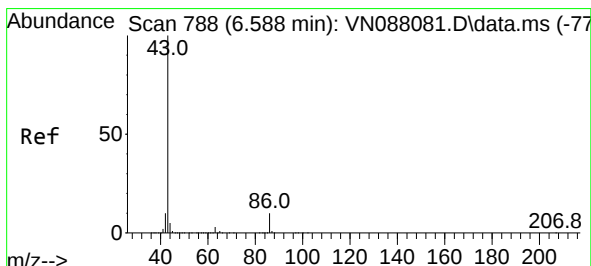
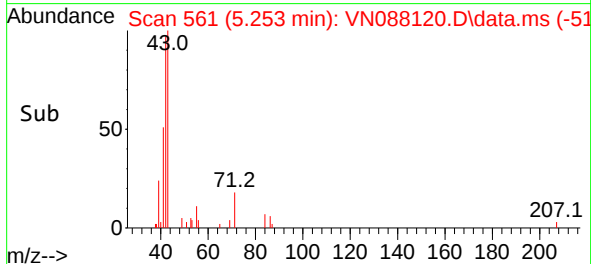
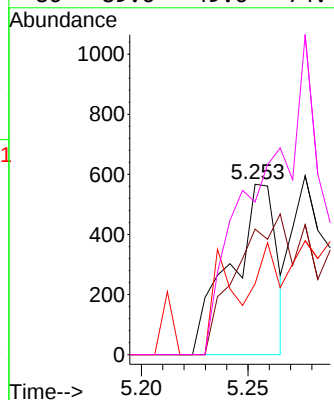
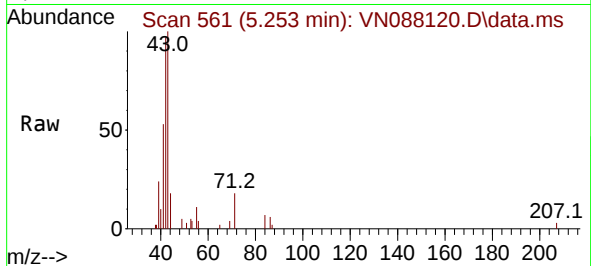




#20
Methylene Chloride
Concen: 1.012 ug/l
RT: 5.253 min Scan# 511
Delta R.T. -0.012 min
Lab File: VN088120.D
Acq: 27 Oct 2025 17:19

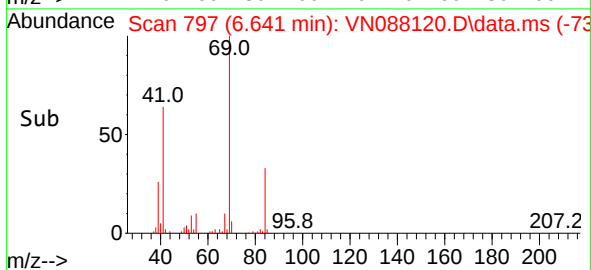
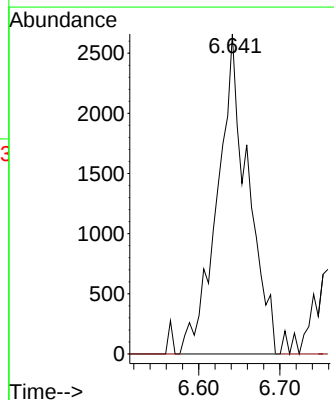
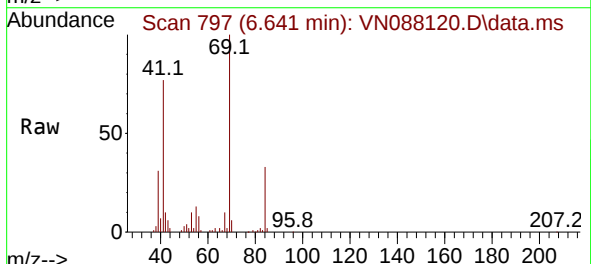
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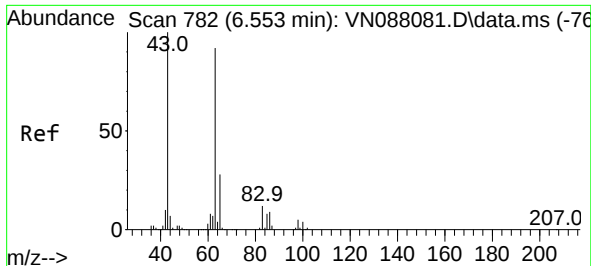
Tgt Ion:	84	Resp:	848
Ion	Ratio	Lower	Upper
84	100		
49	73.7	103.4	155.2#
51	41.6	33.8	50.8
86	89.6	49.6	74.4#



#23
Vinyl Acetate
Concen: 0.649 ug/l
RT: 6.641 min Scan# 797
Delta R.T. 0.053 min
Lab File: VN088120.D
Acq: 27 Oct 2025 17:19

Tgt Ion:	43	Resp:	6986
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.2	12.4#

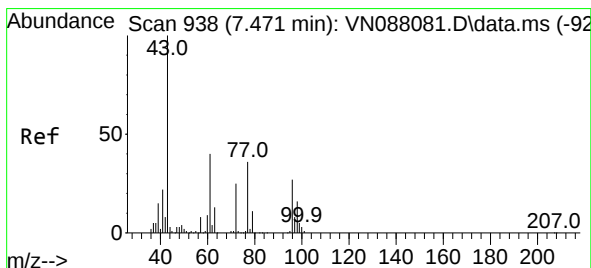
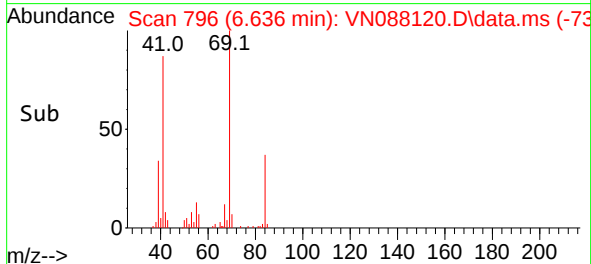
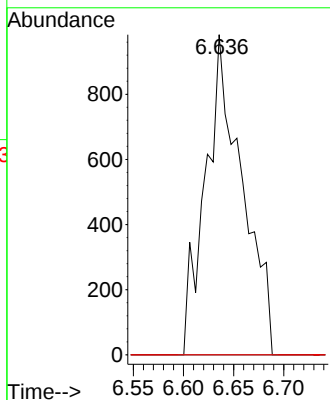
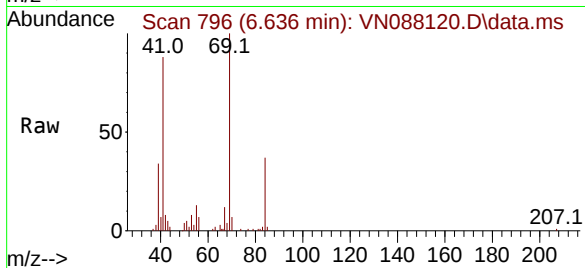




#24
1,1-Dichloroethane
Concen: 0.378 ug/l
RT: 6.636 min Scan# 796
Delta R.T. 0.088 min
Lab File: VN088120.D
Acq: 27 Oct 2025 17:19

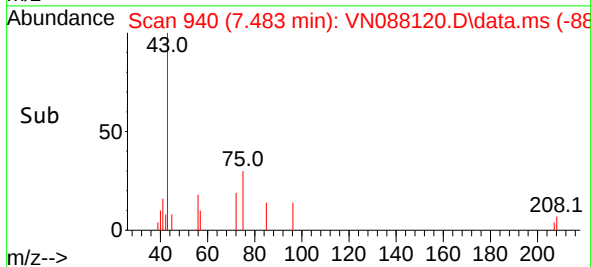
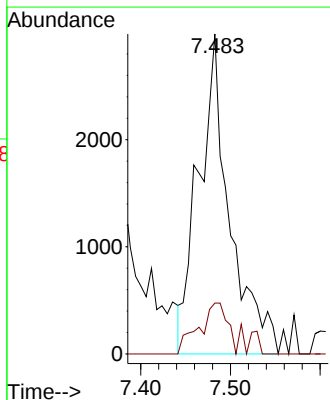
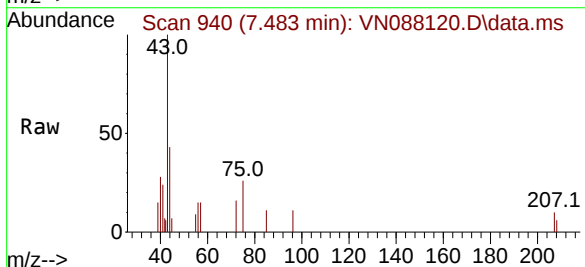
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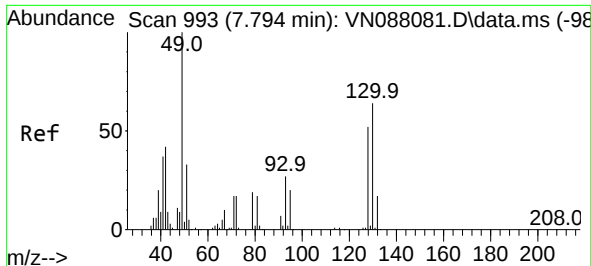
Tgt Ion: 63 Resp: 2499
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.4#
100 0.0 2.0 6.0#



#25
2-Butanone
Concen: 2.422 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.018 min
Lab File: VN088120.D
Acq: 27 Oct 2025 17:19

Tgt Ion: 43 Resp: 7150
Ion Ratio Lower Upper
43 100
72 15.9 19.9 29.9#

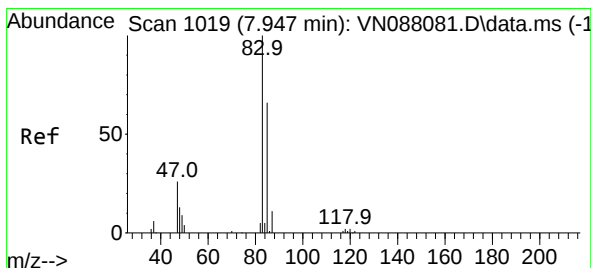
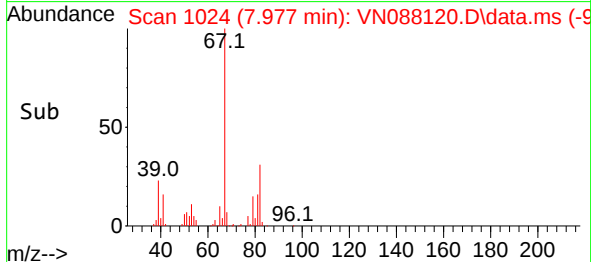
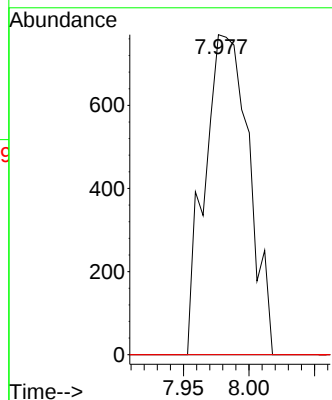
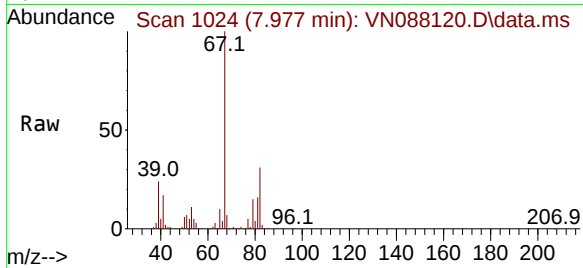




#28
Bromochloromethane
Concen: 0.579 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.176 min
Lab File: VN088120.D
Acq: 27 Oct 2025 17:19

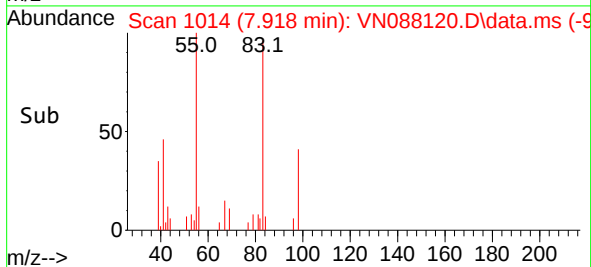
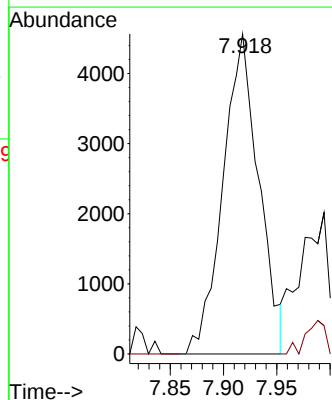
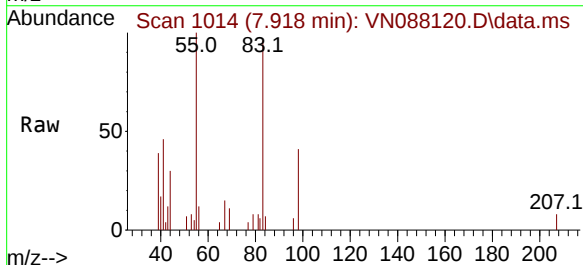
Instrument :
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ClientSampleId :
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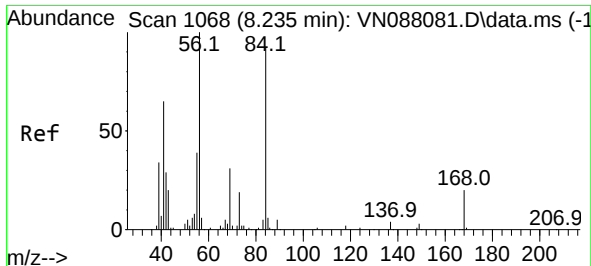
Tgt Ion: 49 Resp: 1810
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.0
130 0.0 53.1 79.7#



#30
Chloroform
Concen: 1.611 ug/l
RT: 7.918 min Scan# 1014
Delta R.T. -0.029 min
Lab File: VN088120.D
Acq: 27 Oct 2025 17:19

Tgt Ion: 83 Resp: 10652
Ion Ratio Lower Upper
83 100
85 0.0 50.7 76.1#

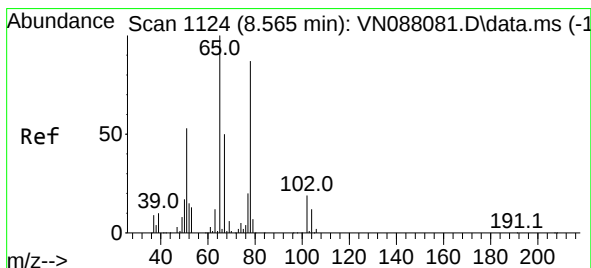
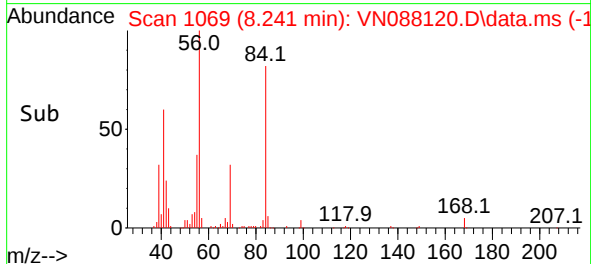
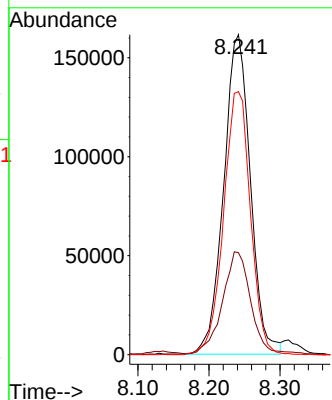
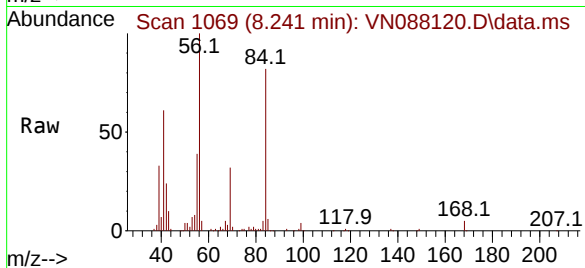




#31
Cyclohexane
Concen: 67.640 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN088120.D
Acq: 27 Oct 2025 17:19

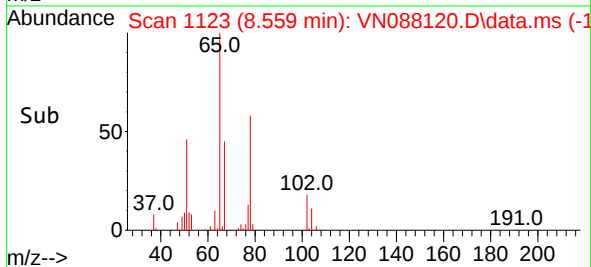
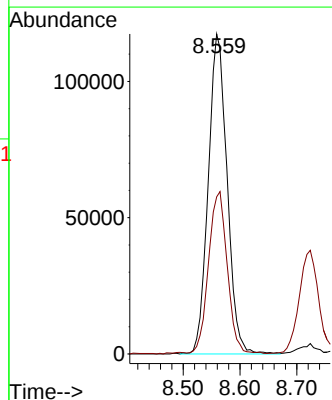
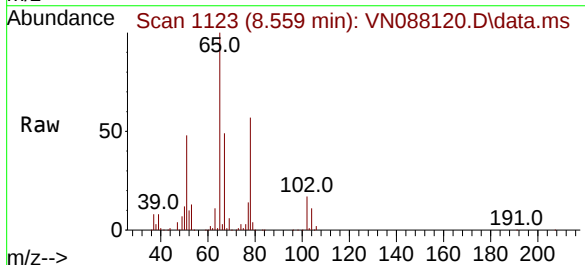
Instrument :
MSVOA_N
ClientSampleId :
MW2

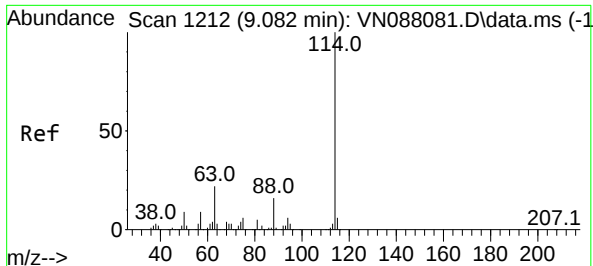
Tgt Ion: 56 Resp: 422101
Ion Ratio Lower Upper
56 100
69 31.4 23.7 35.5
84 82.4 64.7 97.1



#33
1,2-Dichloroethane-d4
Concen: 60.559 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088120.D
Acq: 27 Oct 2025 17:19

Tgt Ion: 65 Resp: 269979
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.0

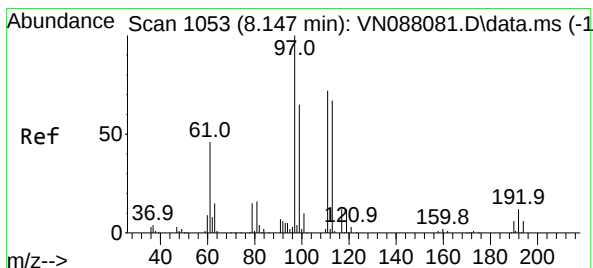
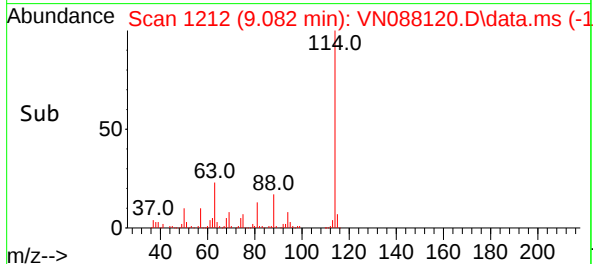
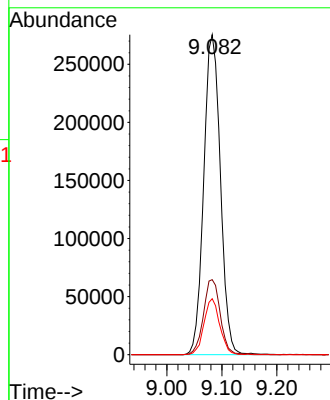
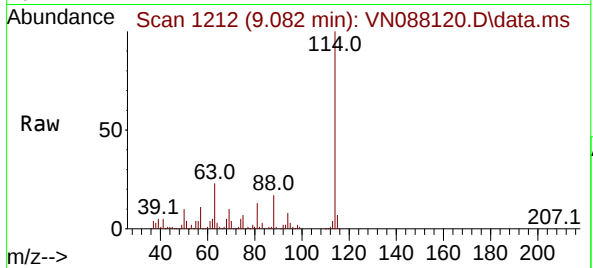




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088120.D
Acq: 27 Oct 2025 17:19

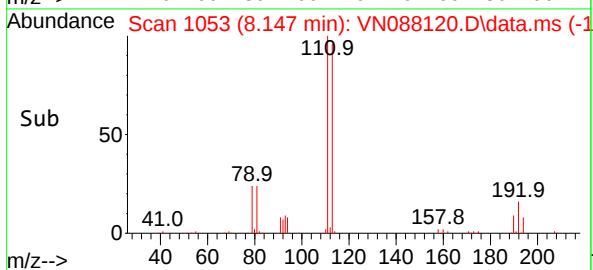
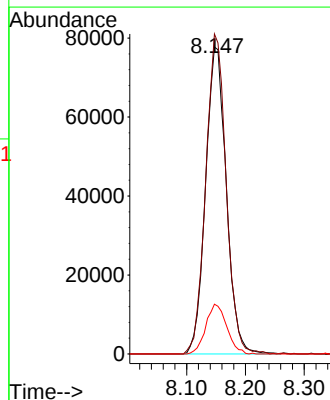
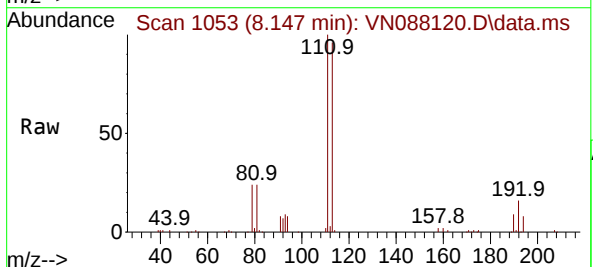
Instrument :
MSVOA_N
ClientSampleId :
MW2

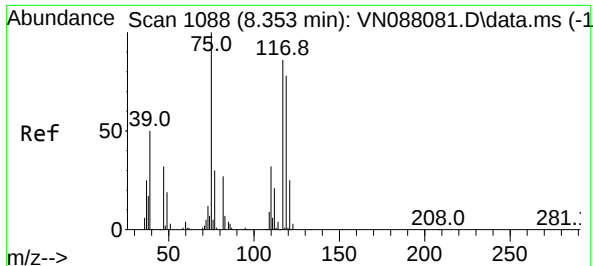
Tgt Ion:114 Resp: 580168
Ion Ratio Lower Upper
114 100
63 23.5 0.0 45.2
88 17.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.880 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088120.D
Acq: 27 Oct 2025 17:19

Tgt Ion:113 Resp: 190513
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 16.3 12.8 19.2





#36

1,1-Dichloropropene

Concen: 4.680 ug/l

RT: 8.212 min Scan# 1

Delta R.T. -0.141 min

Lab File: VN088120.D

Acq: 27 Oct 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

MW2

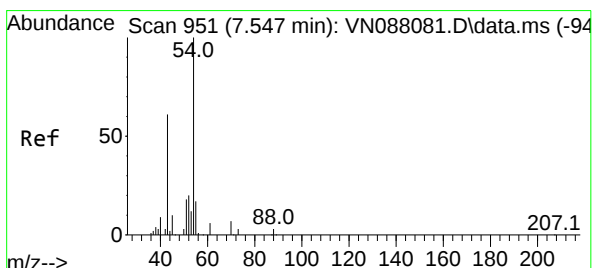
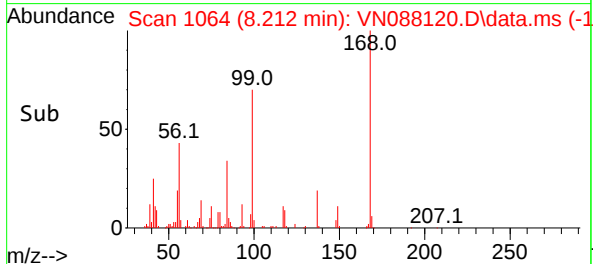
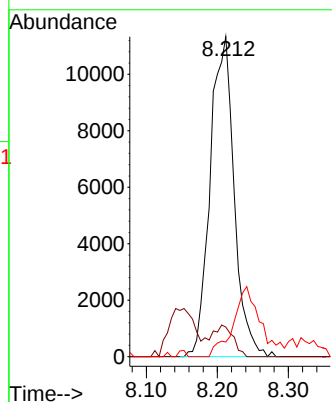
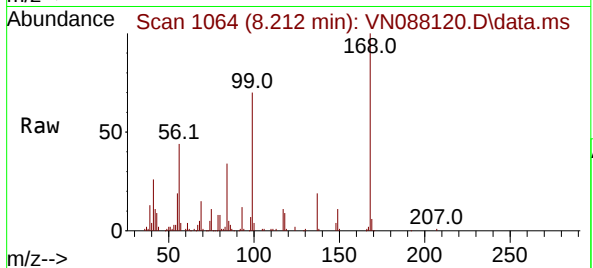
Tgt Ion: 75 Resp: 26633

Ion Ratio Lower Upper

75 100

110 7.8 15.9 47.6#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 0.974 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.065 min

Lab File: VN088120.D

Acq: 27 Oct 2025 17:19

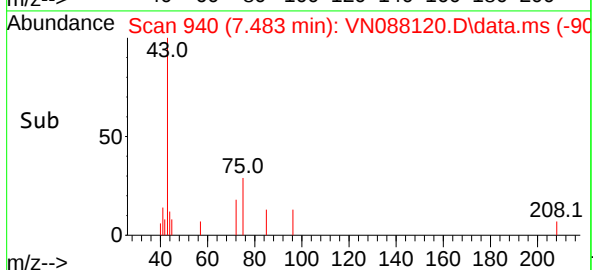
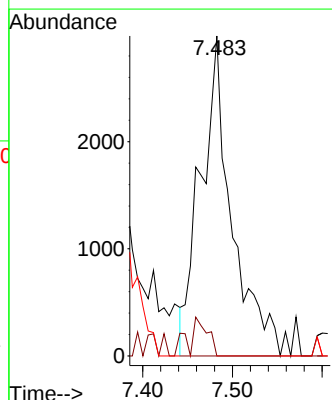
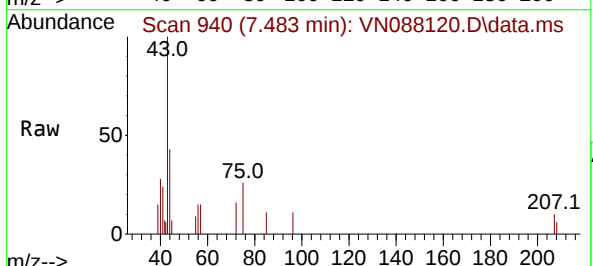
Tgt Ion: 43 Resp: 7150

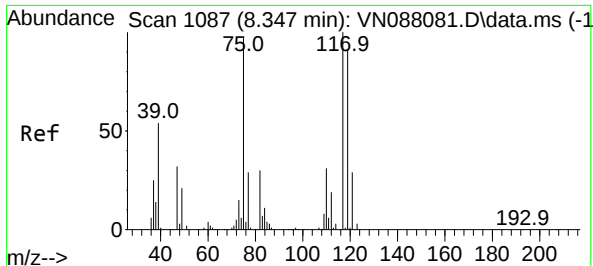
Ion Ratio Lower Upper

43 100

61 0.0 9.3 13.9#

70 0.0 7.0 10.6#

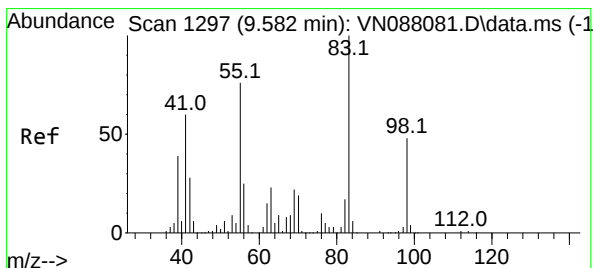
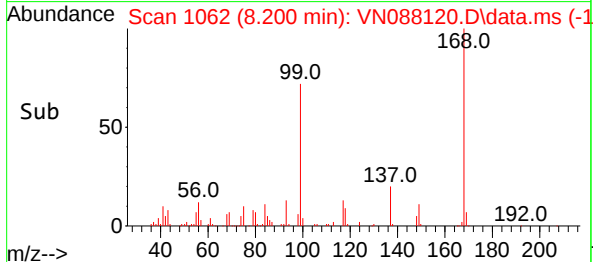
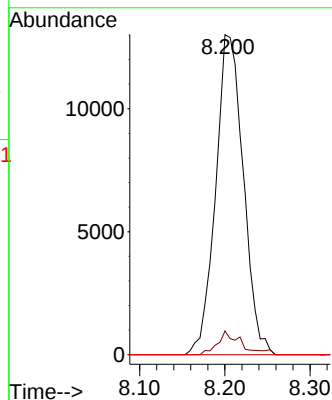
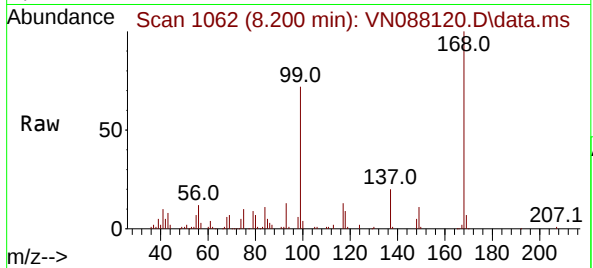




#38
Carbon Tetrachloride
Concen: 4.993 ug/l
RT: 8.200 min Scan# 1062
Delta R.T. -0.141 min
Lab File: VN088120.D
Acq: 27 Oct 2025 17:19

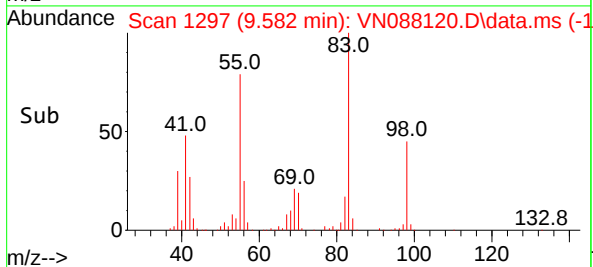
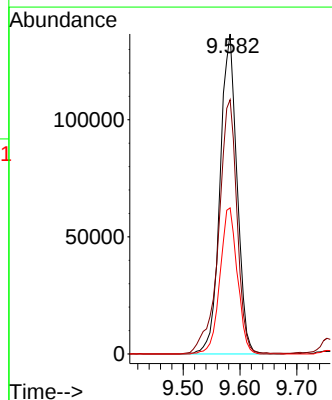
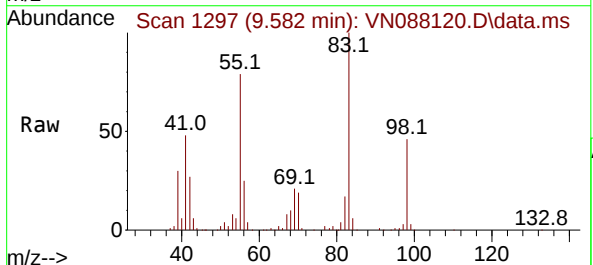
Instrument :
MSVOA_N
ClientSampleId :
MW2

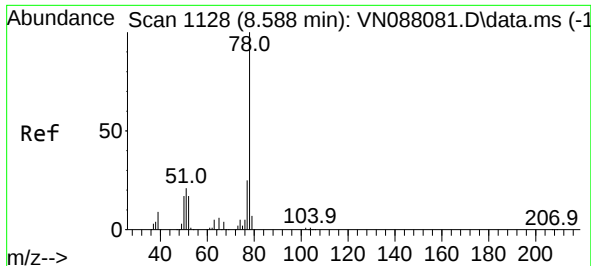
Tgt Ion:117 Resp: 29350
Ion Ratio Lower Upper
117 100
119 7.4 79.0 118.6#
121 0.0 25.0 37.6#



#39
Methylcyclohexane
Concen: 38.743 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN088120.D
Acq: 27 Oct 2025 17:19

Tgt Ion: 83 Resp: 283403
Ion Ratio Lower Upper
83 100
55 79.4 64.6 96.8
98 45.6 38.4 57.6





#40

Benzene

Concen: 55.990 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN088120.D

Acq: 27 Oct 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

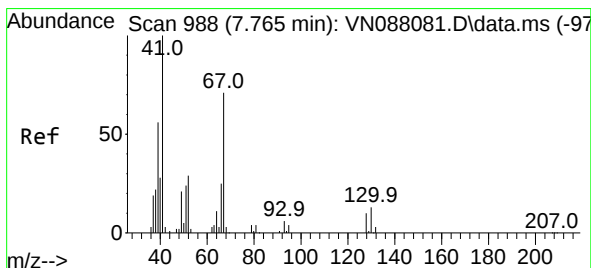
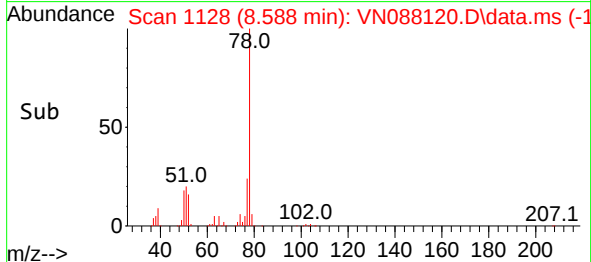
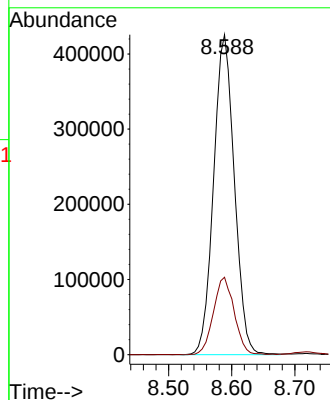
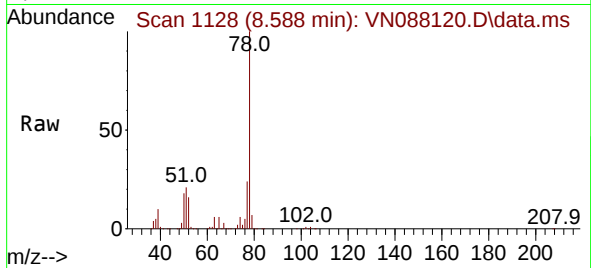
MW2

Tgt Ion: 78 Resp: 970391

Ion Ratio Lower Upper

78 100

77 24.2 19.7 29.5



#41

Methacrylonitrile

Concen: 1.235 ug/l

RT: 7.800 min Scan# 994

Delta R.T. 0.041 min

Lab File: VN088120.D

Acq: 27 Oct 2025 17:19

Tgt Ion: 41 Resp: 4775

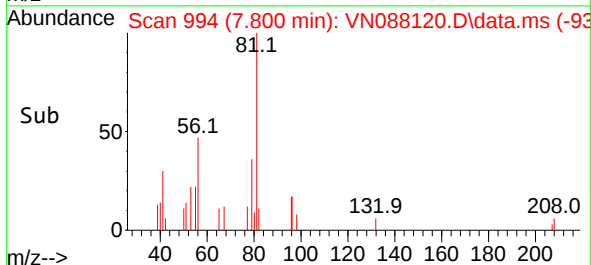
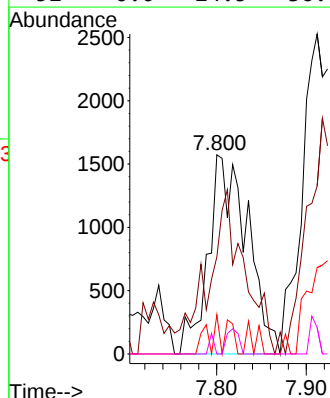
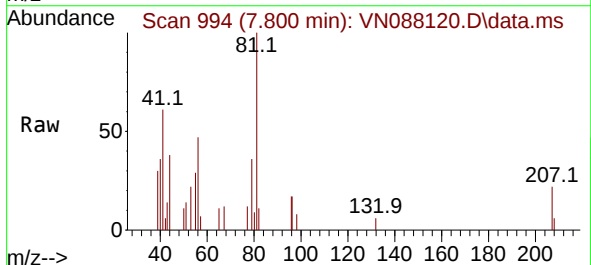
Ion Ratio Lower Upper

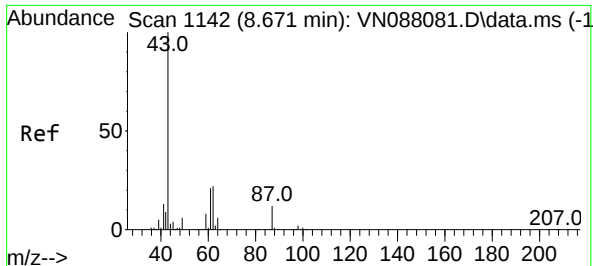
41 100

39 59.4 45.4 68.0

67 0.0 55.3 82.9#

52 0.0 24.5 36.7#





#43

Isopropyl Acetate

Concen: 0.600 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. 0.012 min

Lab File: VN088120.D

Acq: 27 Oct 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

MW2

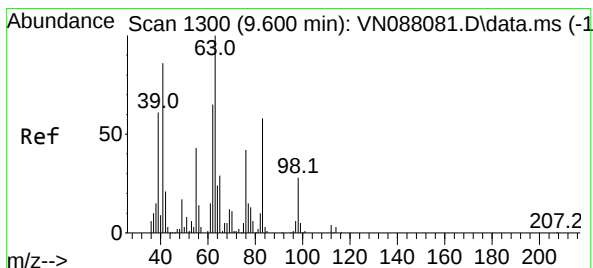
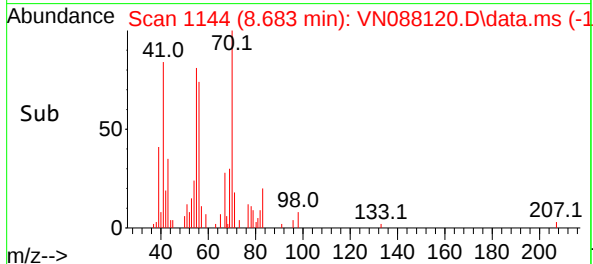
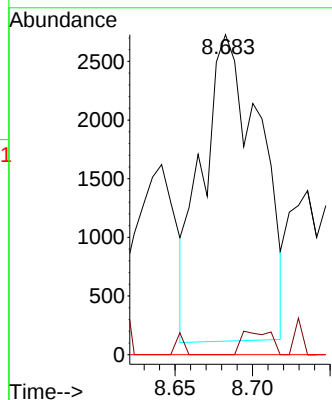
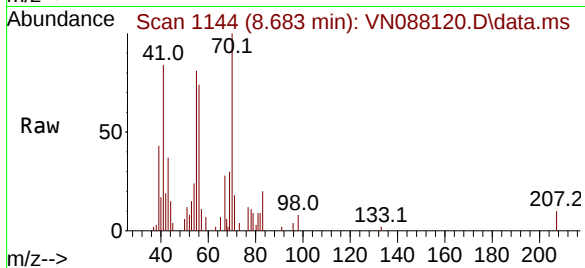
Tgt Ion: 43 Resp: 6766

Ion Ratio Lower Upper

43 100

61 0.0 18.8 28.2#

87 0.0 9.6 14.4#



#45

1,2-Dichloropropane

Concen: 0.919 ug/l

RT: 9.571 min Scan# 1295

Delta R.T. -0.029 min

Lab File: VN088120.D

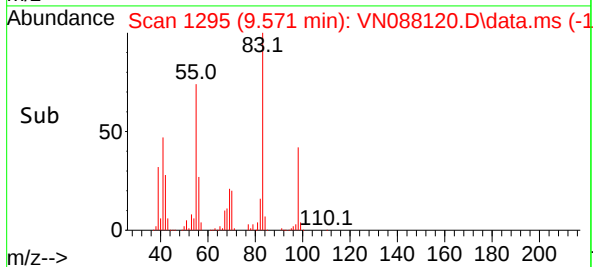
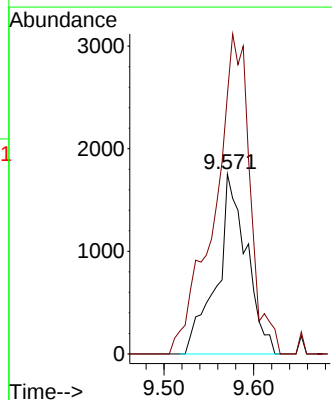
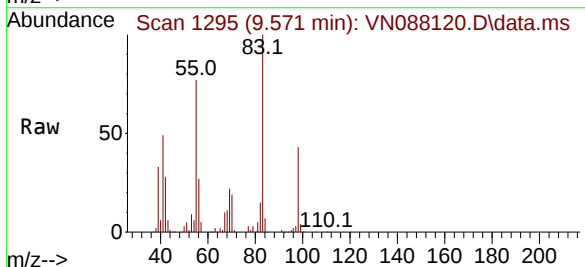
Acq: 27 Oct 2025 17:19

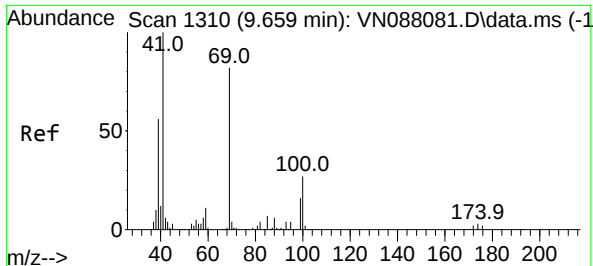
Tgt Ion: 63 Resp: 4022

Ion Ratio Lower Upper

63 100

65 144.0 25.0 37.4#

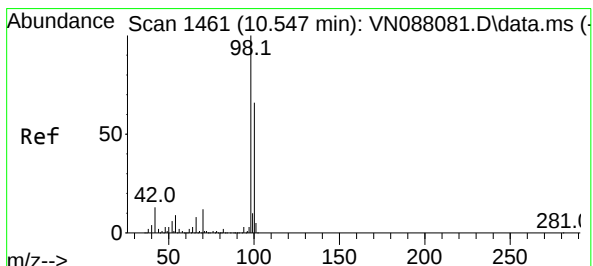
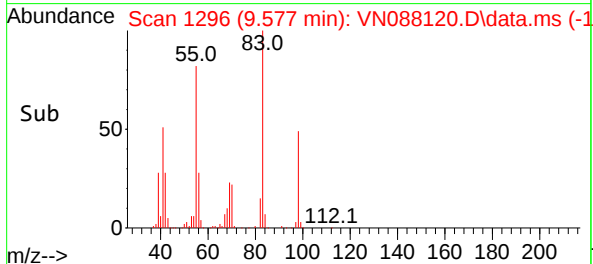
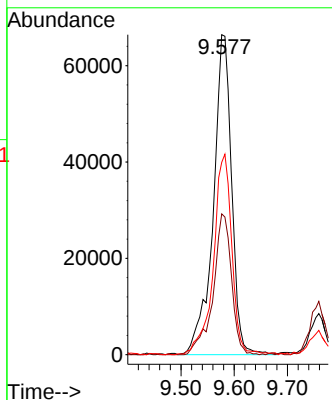
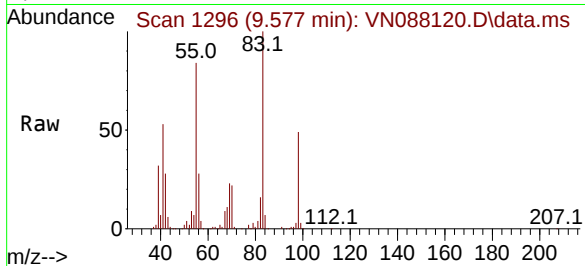




#48
Methyl methacrylate
Concen: 30.692 ug/l
RT: 9.577 min Scan# 11
Delta R.T. -0.088 min
Lab File: VN088120.D
Acq: 27 Oct 2025 17:19

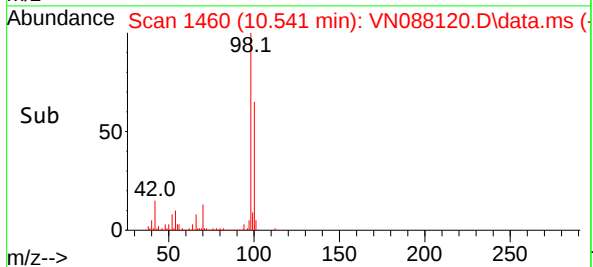
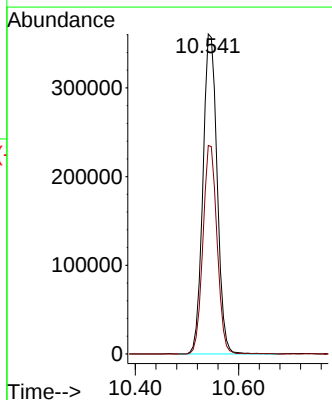
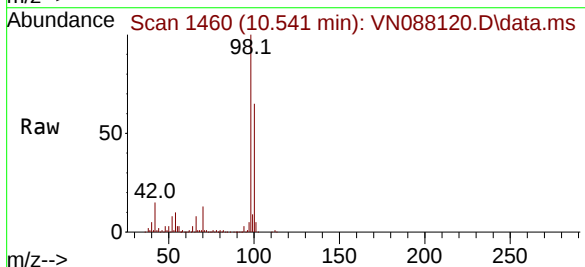
Instrument :
MSVOA_N
ClientSampleId :
MW2

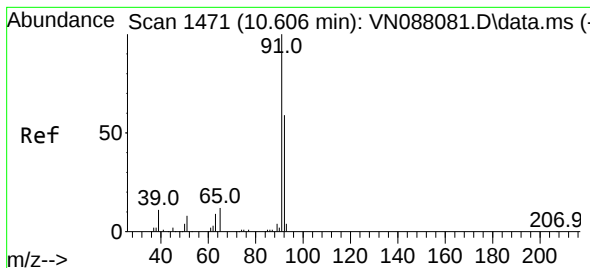
Tgt Ion: 41 Resp: 159906
Ion Ratio Lower Upper
41 100
69 43.7 62.7 94.1#
39 62.8 52.9 79.3



#50
Toluene-d8
Concen: 45.782 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088120.D
Acq: 27 Oct 2025 17:19

Tgt Ion: 98 Resp: 687552
Ion Ratio Lower Upper
98 100
100 64.6 52.8 79.2





#52

Toluene

Concen: 3.820 ug/l

RT: 10.612 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VN088120.D

Acq: 27 Oct 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

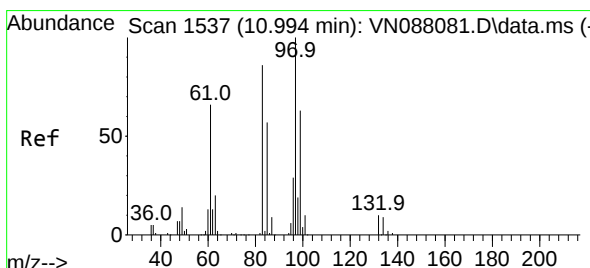
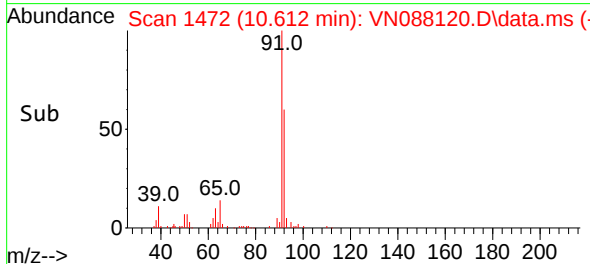
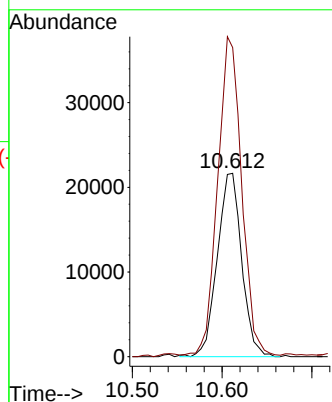
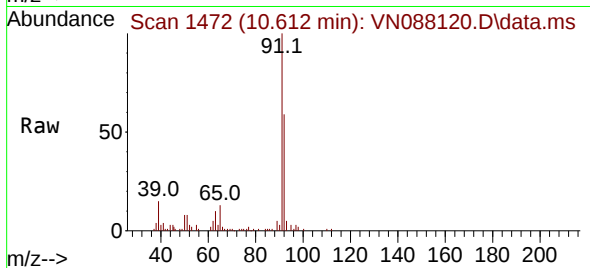
MW2

Tgt Ion: 92 Resp: 40821

Ion Ratio Lower Upper

92 100

91 170.2 140.4 210.6



#55

1,1,2-Trichloroethane

Concen: 2.206 ug/l

RT: 10.988 min Scan# 1536

Delta R.T. -0.006 min

Lab File: VN088120.D

Acq: 27 Oct 2025 17:19

Tgt Ion: 97 Resp: 8943

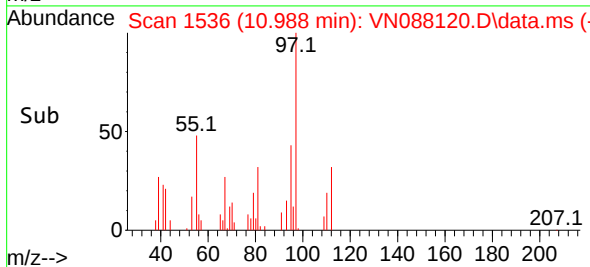
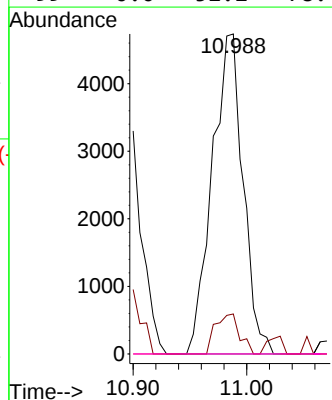
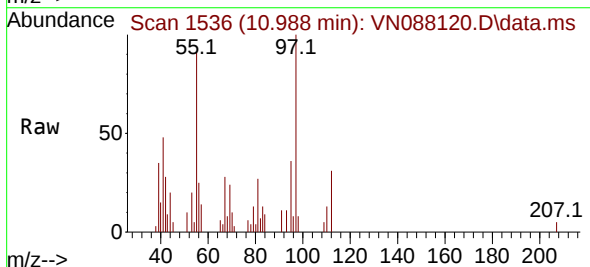
Ion Ratio Lower Upper

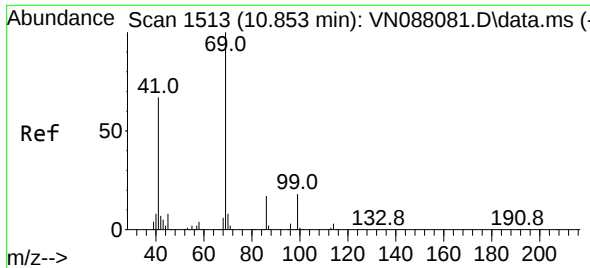
97 100

83 12.5 68.2 102.4#

85 0.0 45.5 68.3#

99 0.0 52.2 78.4#

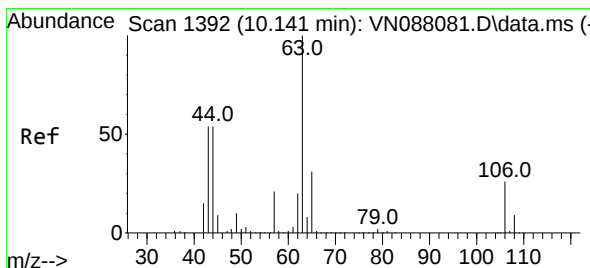
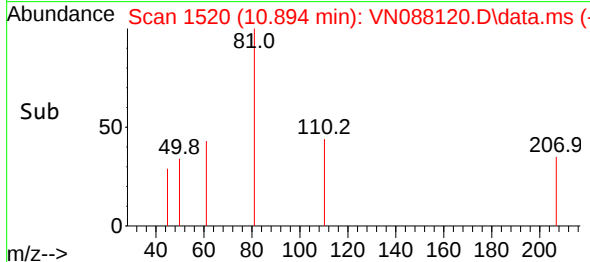
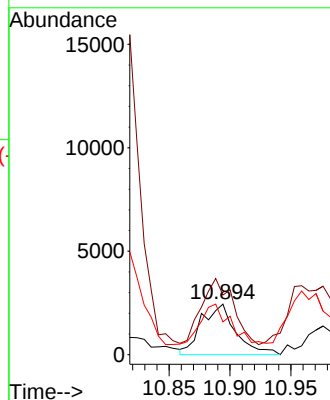
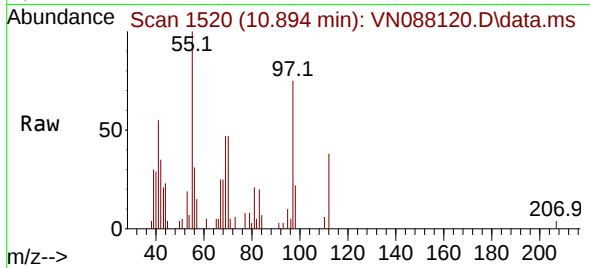




#56
Ethyl methacrylate
Concen: 0.745 ug/l
RT: 10.894 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN088120.D
Acq: 27 Oct 2025 17:19

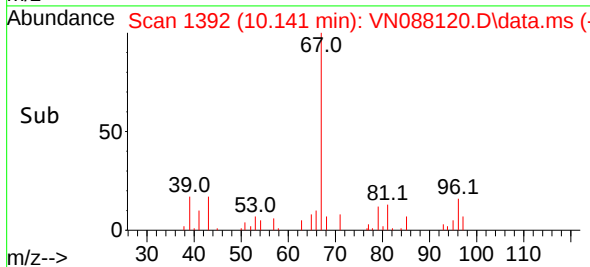
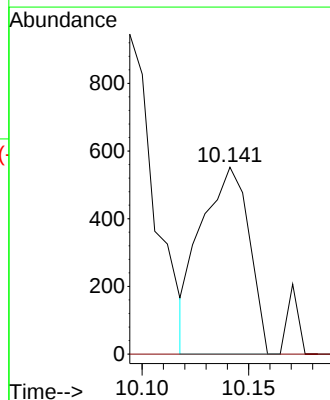
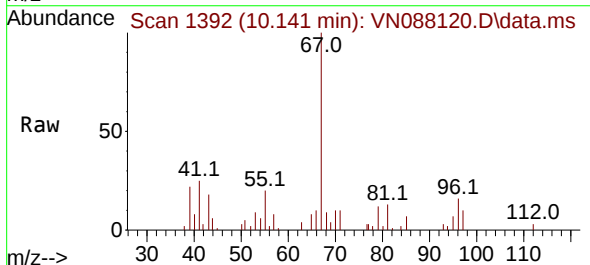
Instrument :
MSVOA_N
ClientSampleId :
MW2

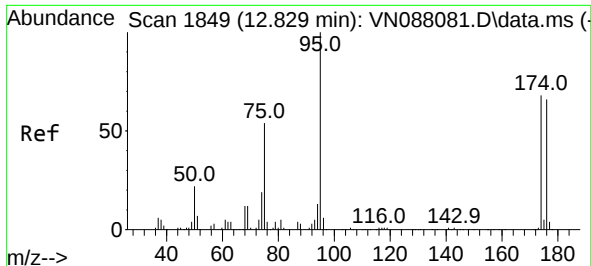
Tgt Ion: 69 Resp: 4778
Ion Ratio Lower Upper
69 100
41 120.4 56.5 84.7#
39 69.8 34.2 51.4#



#58
2-Chloroethyl Vinyl ether
Concen: 0.260 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN088120.D
Acq: 27 Oct 2025 17:19

Tgt Ion: 63 Resp: 868
Ion Ratio Lower Upper
63 100
106 0.0 21.1 31.7#

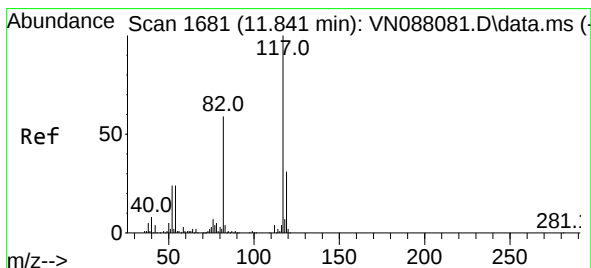
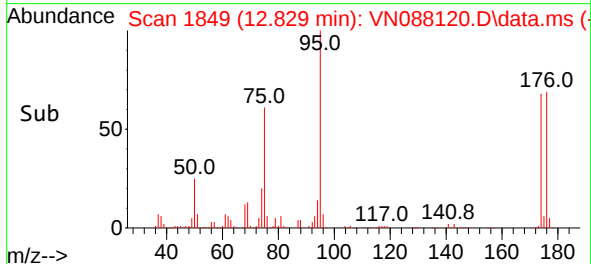
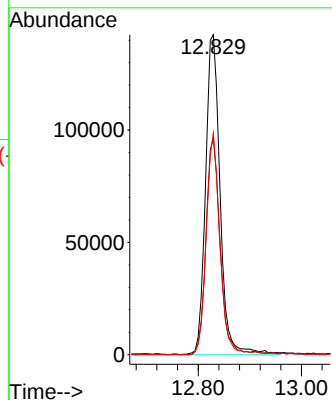
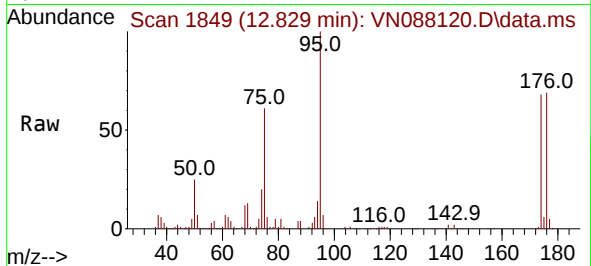




#62
4-Bromofluorobenzene
Concen: 52.511 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088120.D
Acq: 27 Oct 2025 17:19

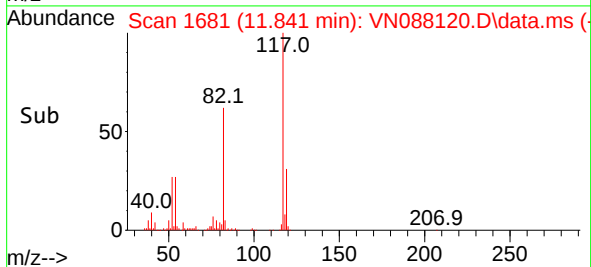
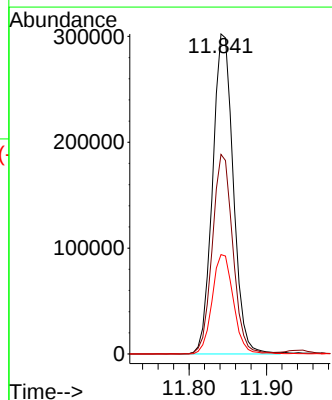
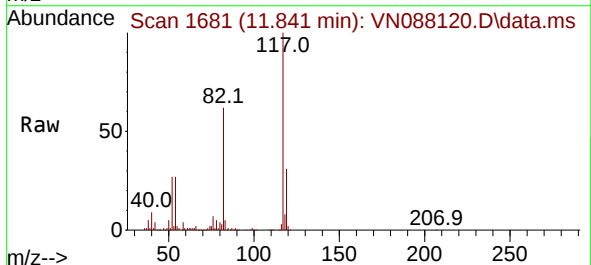
Instrument :
MSVOA_N
ClientSampleId :
MW2

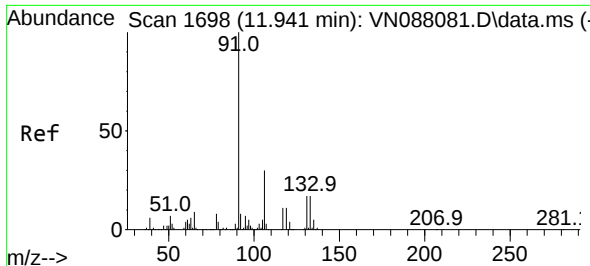
Tgt Ion: 95 Resp: 278511
Ion Ratio Lower Upper
95 100
174 65.5 0.0 138.4
176 64.4 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088120.D
Acq: 27 Oct 2025 17:19

Tgt Ion: 117 Resp: 561441
Ion Ratio Lower Upper
117 100
82 62.4 47.4 71.2
119 31.0 24.3 36.5

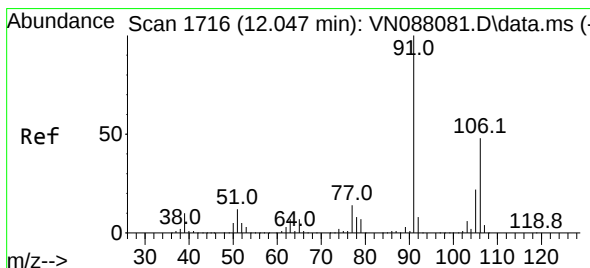
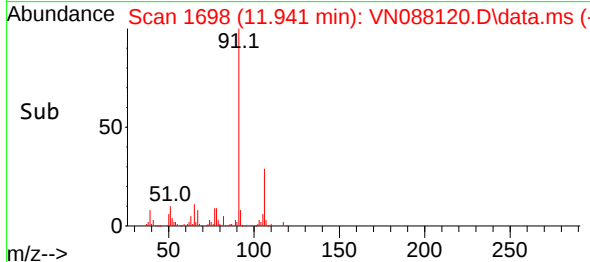
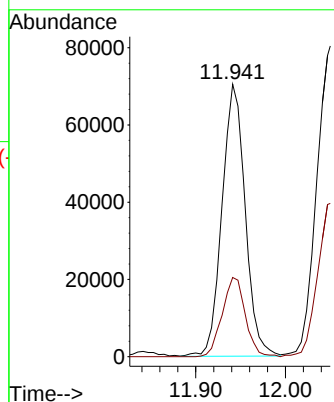
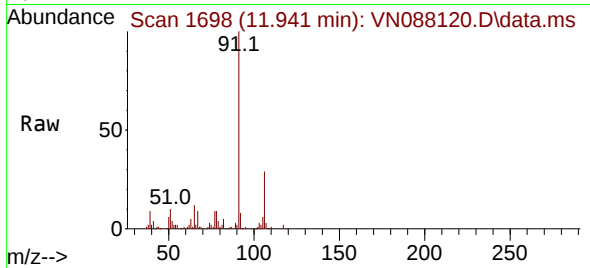




#67
Ethyl Benzene
Concen: 5.642 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088120.D
Acq: 27 Oct 2025 17:19

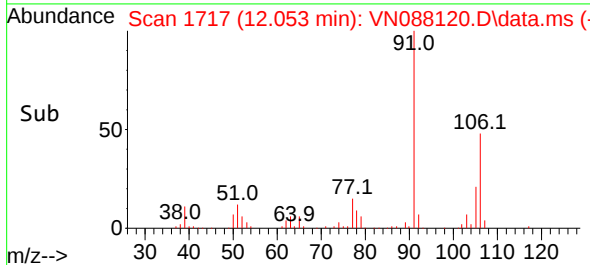
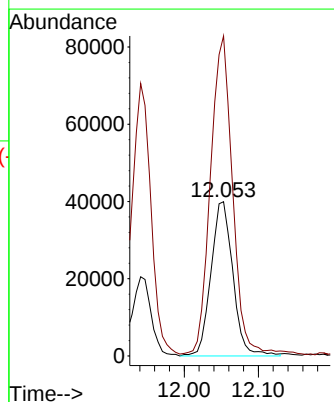
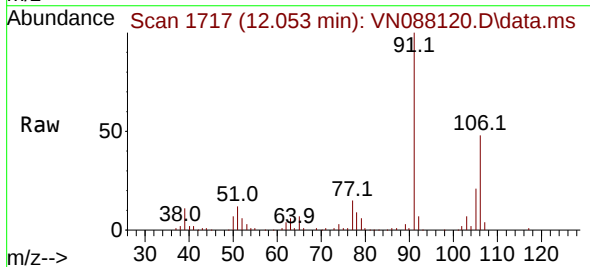
Instrument :
MSVOA_N
ClientSampleId :
MW2

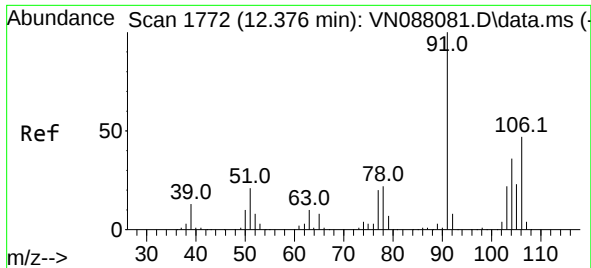
Tgt Ion: 91 Resp: 126260
Ion Ratio Lower Upper
91 100
106 29.1 24.1 36.1



#68
m/p-Xylenes
Concen: 9.807 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN088120.D
Acq: 27 Oct 2025 17:19

Tgt Ion: 106 Resp: 82223
Ion Ratio Lower Upper
106 100
91 208.9 169.3 253.9

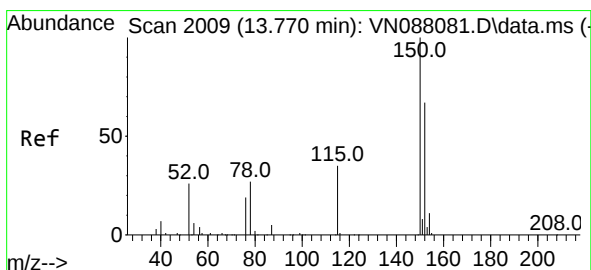
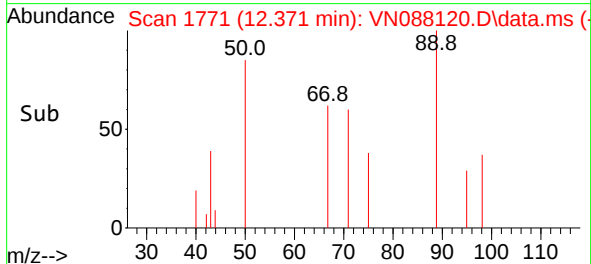
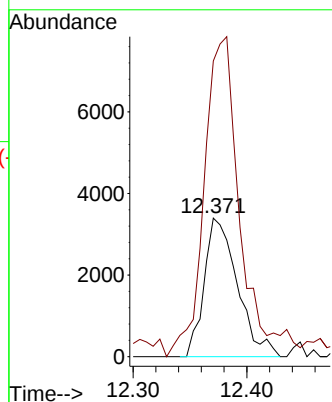
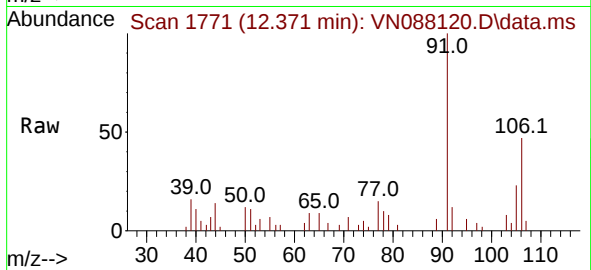




#69
o-Xylene
Concen: 0.867 ug/l
RT: 12.371 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088120.D
Acq: 27 Oct 2025 17:19

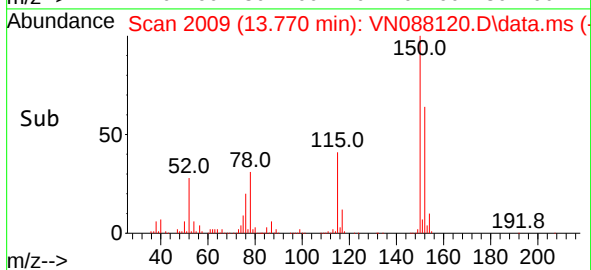
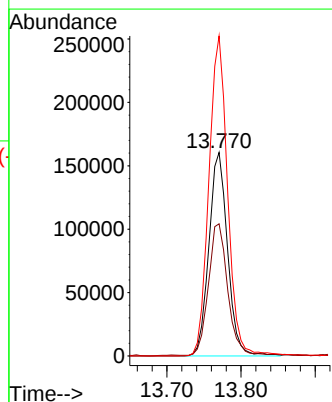
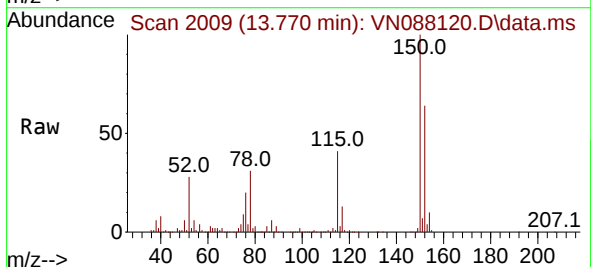
Instrument :
MSVOA_N
ClientSampleId :
MW2

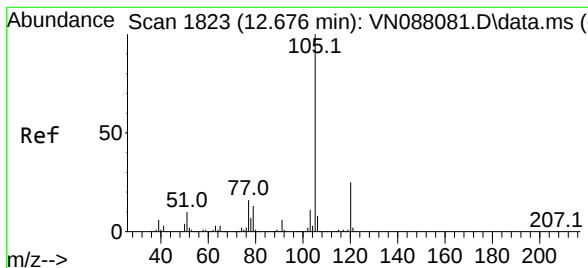
Tgt Ion:106 Resp: 6889
Ion Ratio Lower Upper
106 100
91 248.8 111.4 334.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088120.D
Acq: 27 Oct 2025 17:19

Tgt Ion:152 Resp: 281349
Ion Ratio Lower Upper
152 100
115 66.9 32.3 96.8
150 157.9 0.0 351.0





#73

Isopropylbenzene

Concen: 8.315 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. 0.006 min

Lab File: VN088120.D

Acq: 27 Oct 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

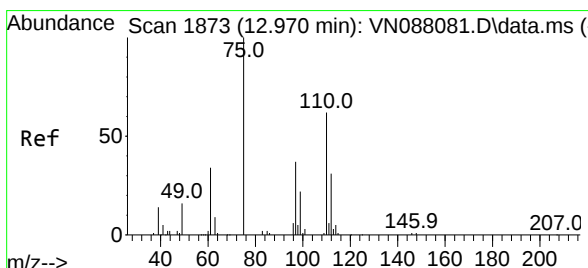
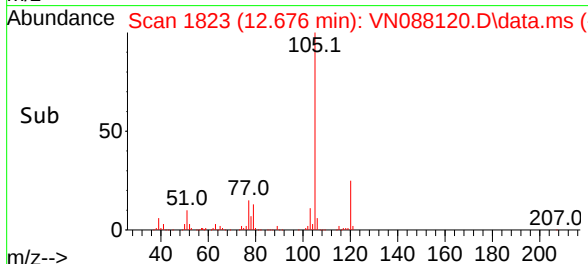
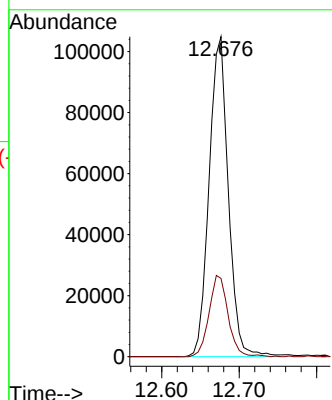
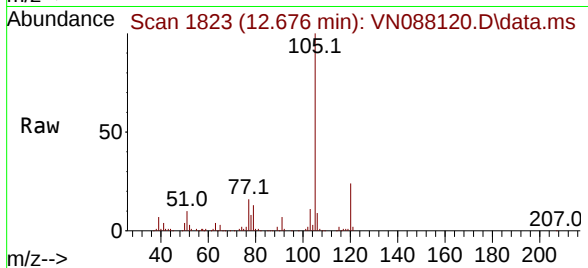
MW2

Tgt Ion:105 Resp: 180436

Ion Ratio Lower Upper

105 100

120 25.2 12.8 38.3



#76

1,2,3-Trichloropropane

Concen: 25.106 ug/l

RT: 12.829 min Scan# 1849

Delta R.T. -0.141 min

Lab File: VN088120.D

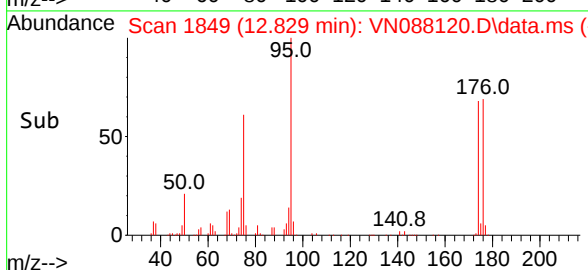
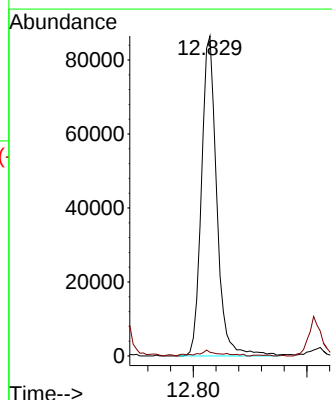
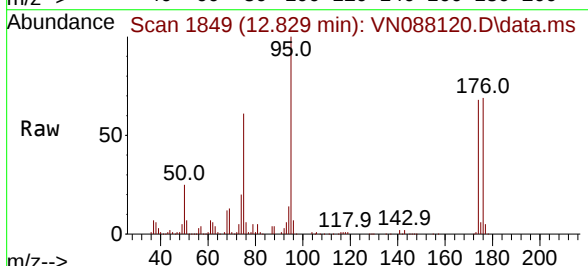
Acq: 27 Oct 2025 17:19

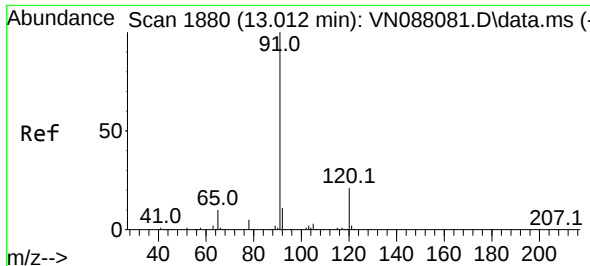
Tgt Ion: 75 Resp: 161497

Ion Ratio Lower Upper

75 100

77 1.3 89.1 267.4#

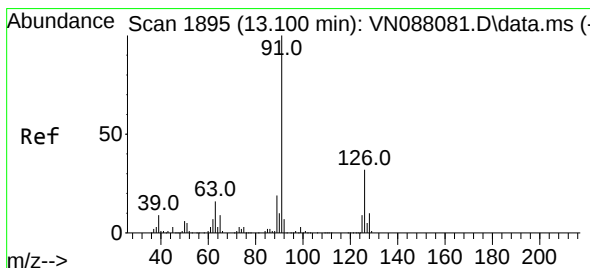
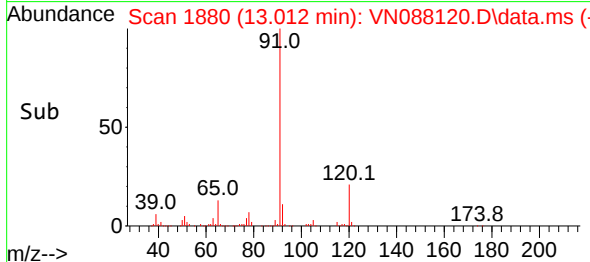
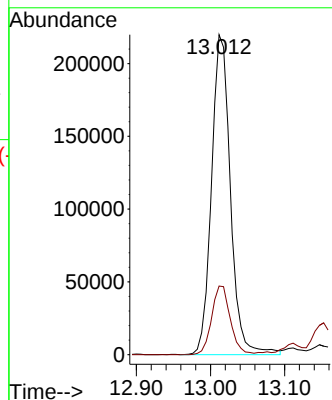
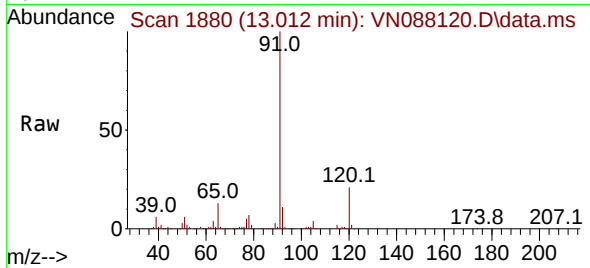




#78
n-propylbenzene
Concen: 14.736 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088120.D
Acq: 27 Oct 2025 17:19

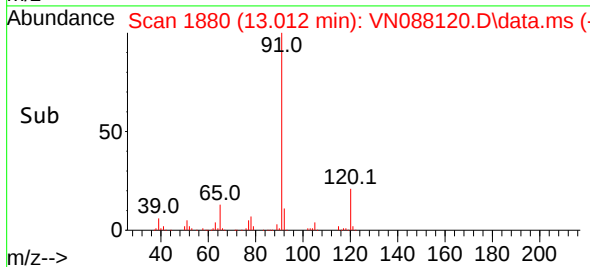
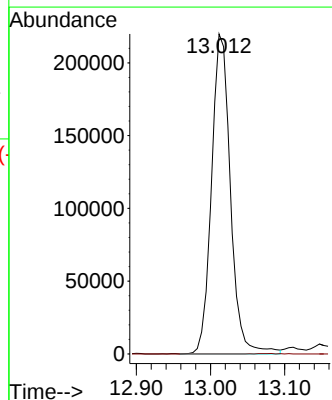
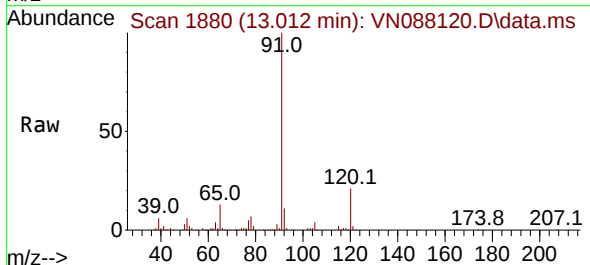
Instrument :
MSVOA_N
ClientSampleId :
MW2

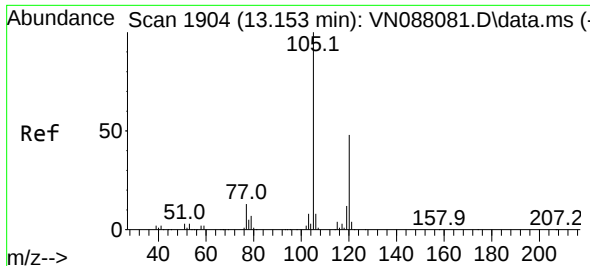
Tgt Ion: 91 Resp: 390222
Ion Ratio Lower Upper
91 100
120 21.1 10.7 32.1



#79
2-Chlorotoluene
Concen: 25.839 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.088 min
Lab File: VN088120.D
Acq: 27 Oct 2025 17:19

Tgt Ion: 91 Resp: 390222
Ion Ratio Lower Upper
91 100
126 0.0 16.1 48.3#

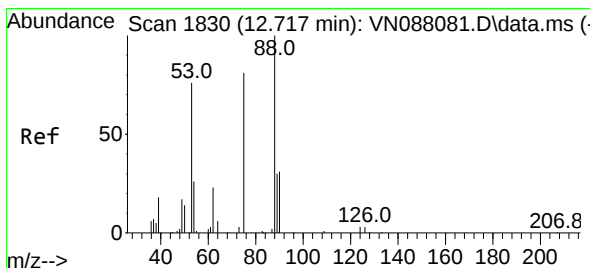
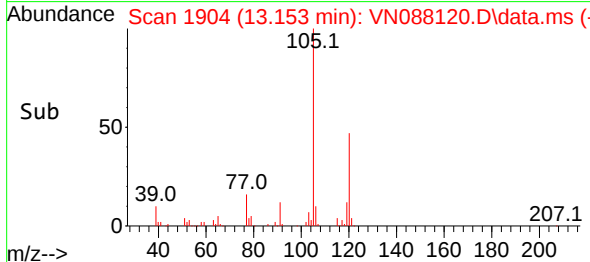
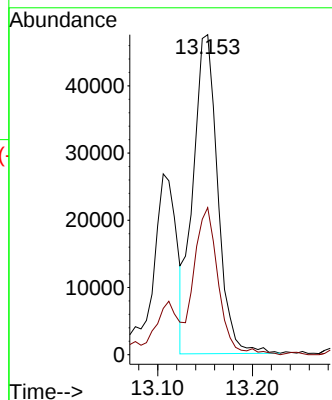
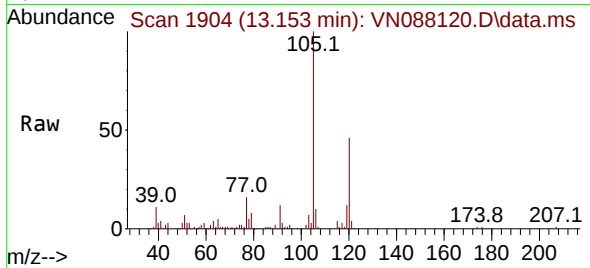




#80
 1,3,5-Trimethylbenzene
 Concen: 4.773 ug/l
 RT: 13.153 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VN088120.D
 Acq: 27 Oct 2025 17:19

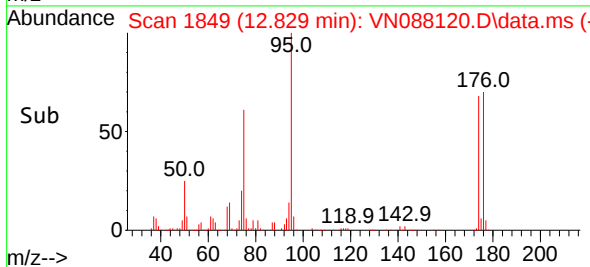
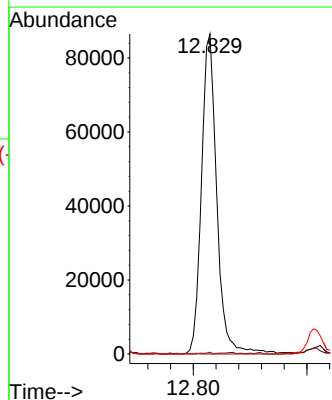
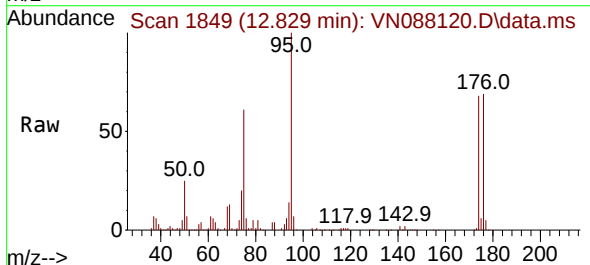
Instrument :
 MSVOA_N
 ClientSampleId :
 MW2

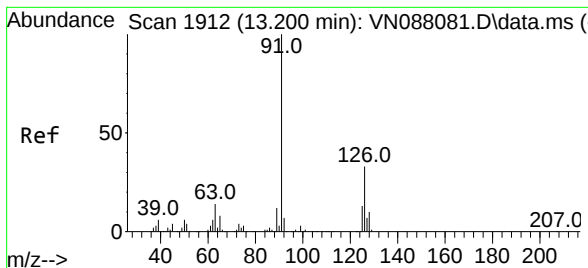
Tgt Ion:105 Resp: 86009
 Ion Ratio Lower Upper
 105 100
 120 43.8 23.2 69.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.035 ug/l
 RT: 12.829 min Scan# 1849
 Delta R.T. 0.112 min
 Lab File: VN088120.D
 Acq: 27 Oct 2025 17:19

Tgt Ion: 75 Resp: 161497
 Ion Ratio Lower Upper
 75 100
 53 0.2 101.8 152.6#
 89 0.0 35.6 53.4#

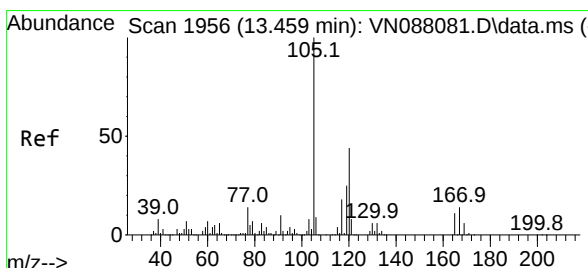
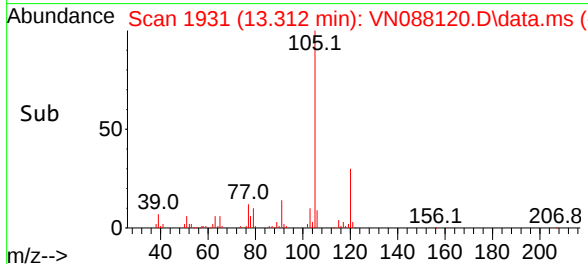
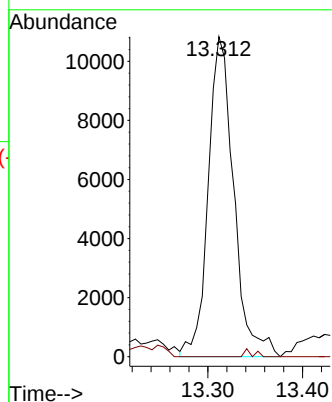
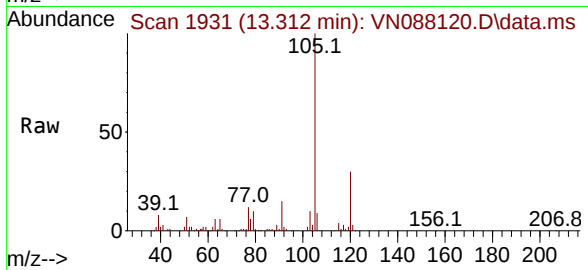




#82
4-Chlorotoluene
Concen: 1.242 ug/l
RT: 13.312 min Scan# 1912
Delta R.T. 0.112 min
Lab File: VN088120.D
Acq: 27 Oct 2025 17:19

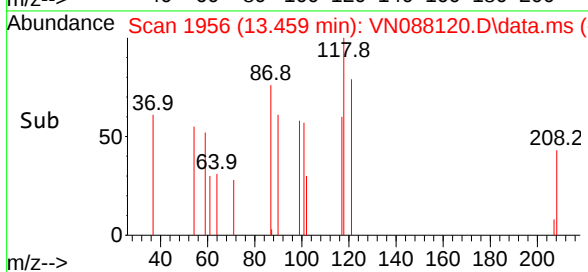
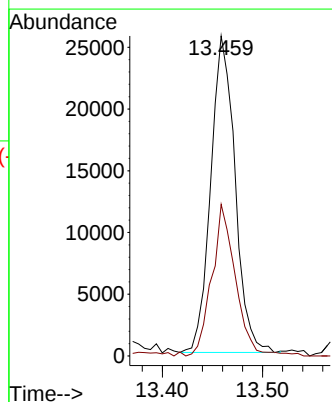
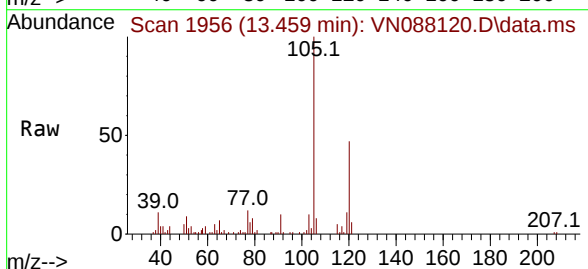
Instrument :
MSVOA_N
ClientSampleId :
MW2

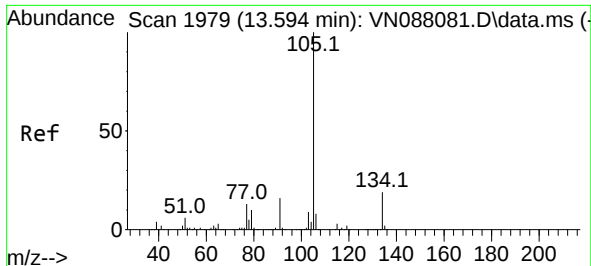
Tgt Ion: 91 Resp: 20300
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.8#



#84
1,2,4-Trimethylbenzene
Concen: 2.391 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088120.D
Acq: 27 Oct 2025 17:19

Tgt Ion: 105 Resp: 43111
Ion Ratio Lower Upper
105 100
120 46.8 22.0 66.0

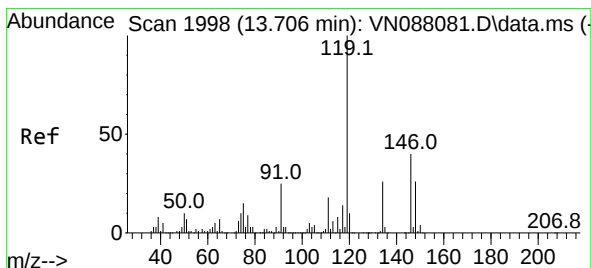
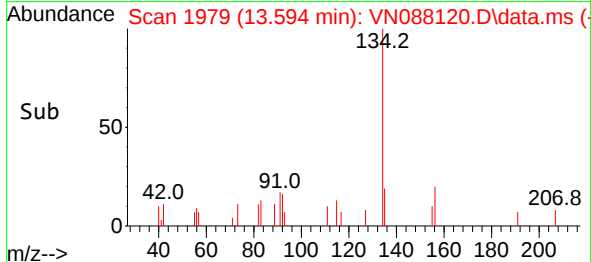
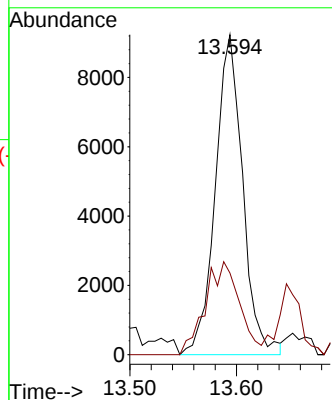
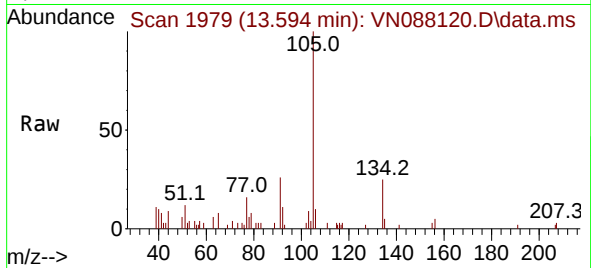




#85
 sec-Butylbenzene
 Concen: 0.696 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN088120.D
 Acq: 27 Oct 2025 17:19

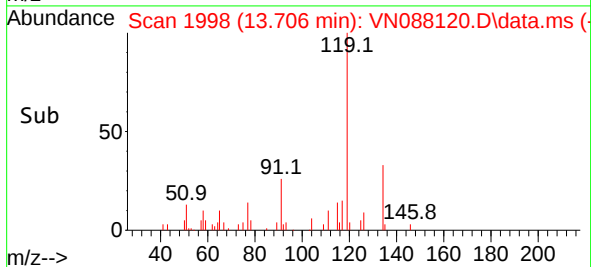
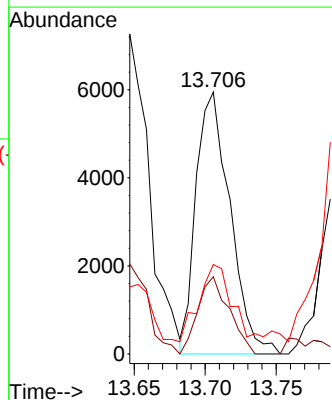
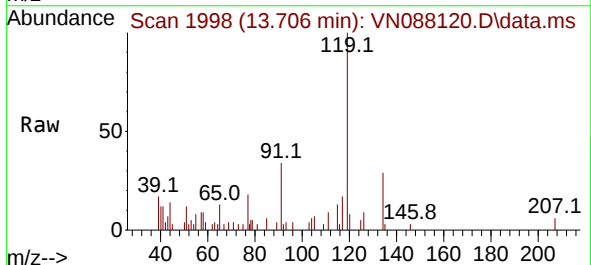
Instrument :
 MSVOA_N
 ClientSampleId :
 MW2

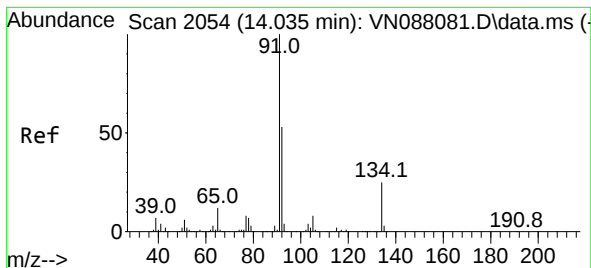
Tgt Ion:105 Resp: 16466
 Ion Ratio Lower Upper
 105 100
 134 36.5 9.6 28.6#



#86
 p-Isopropyltoluene
 Concen: 0.524 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088120.D
 Acq: 27 Oct 2025 17:19

Tgt Ion:119 Resp: 9936
 Ion Ratio Lower Upper
 119 100
 134 27.0 12.7 38.0
 91 28.7 12.5 37.5





#89

n-Butylbenzene

Concen: 0.942 ug/l

RT: 14.029 min Scan# 2053

Delta R.T. -0.000 min

Lab File: VN088120.D

Acq: 27 Oct 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

MW2

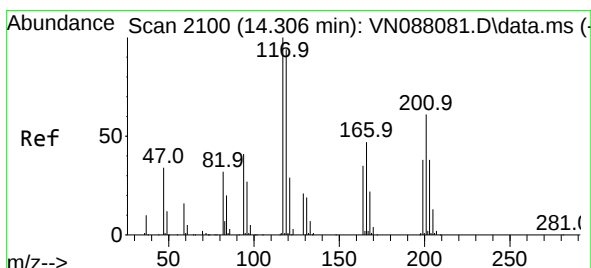
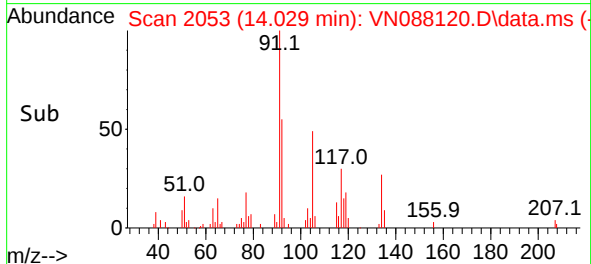
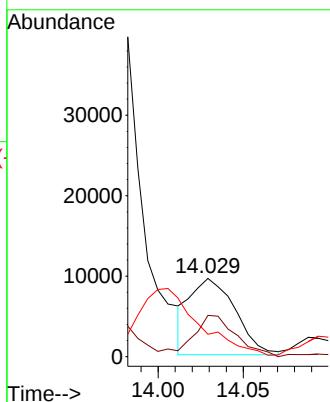
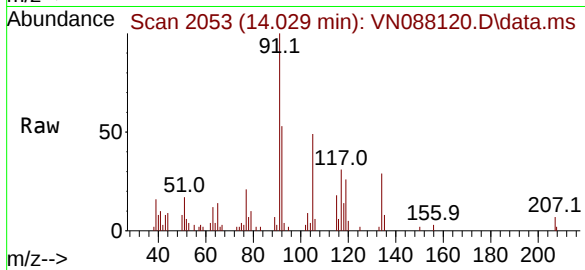
Tgt Ion: 91 Resp: 17697

Ion Ratio Lower Upper

91 100

92 48.0 25.9 77.8

134 0.0 11.7 35.0#



#90

Hexachloroethane

Concen: 3.866 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. -0.006 min

Lab File: VN088120.D

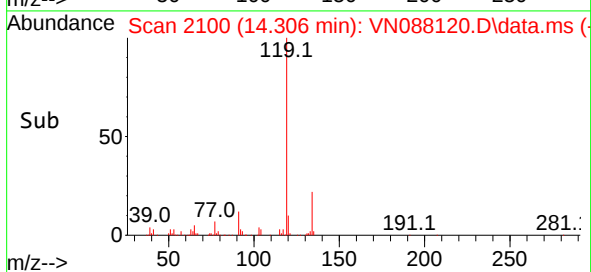
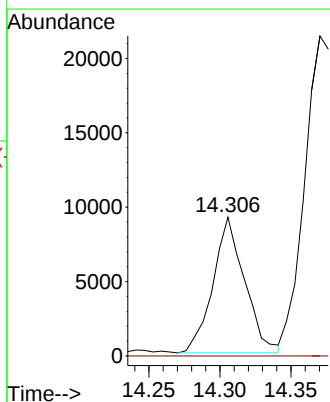
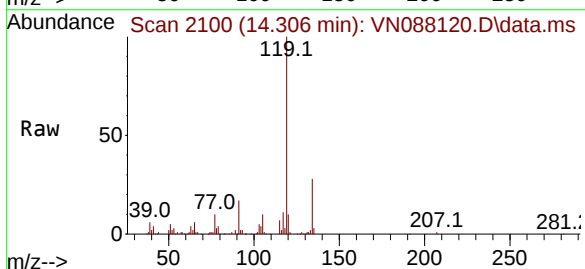
Acq: 27 Oct 2025 17:19

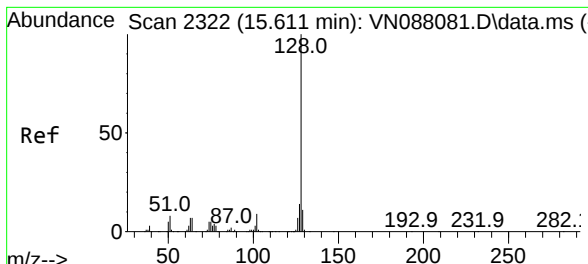
Tgt Ion: 117 Resp: 14205

Ion Ratio Lower Upper

117 100

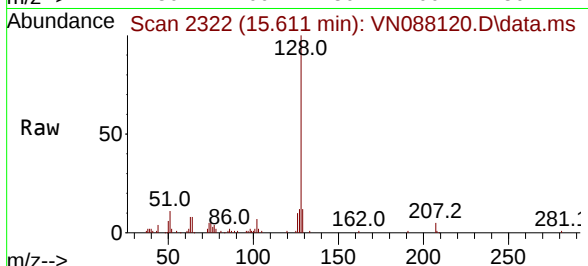
201 0.0 29.1 87.4#





#95
 Naphthalene
 Concen: 3.599 ug/l
 RT: 15.611 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN088120.D
 Acq: 27 Oct 2025 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 MW2



Tgt Ion:128 Resp: 67226

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.6	15.8
129	12.6	8.6	12.8

