

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
 Data File : VN086489.D
 Acq On : 05 May 2025 16:25
 Operator : JC\MD
 Sample : Q1929-05RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A1-03-GRE

Quant Time: May 06 01:45:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

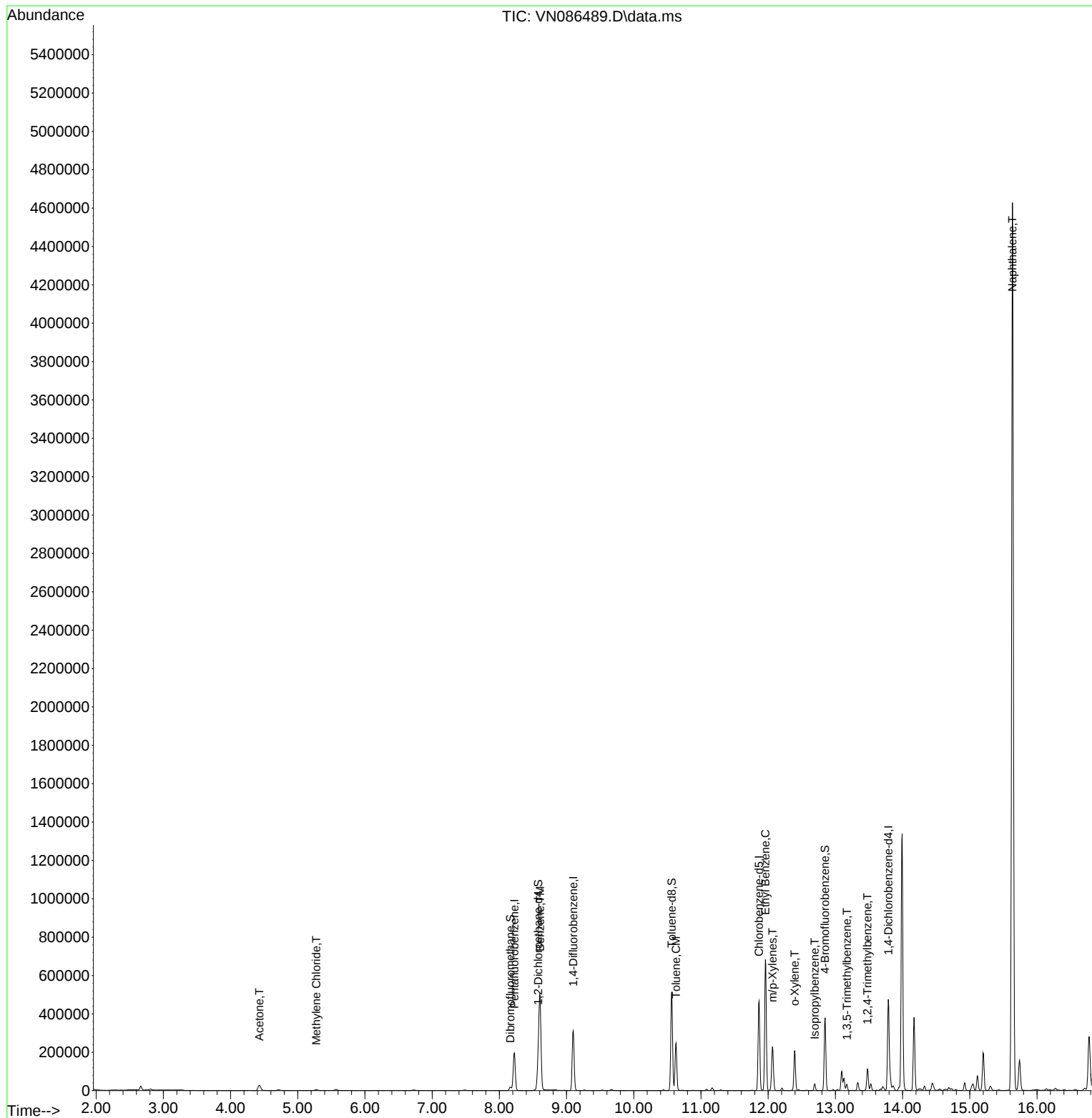
Internal Standards						
1) Pentafluorobenzene	8.224	168	145576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	280881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	275635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	103976	49.255	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.500%
35) Dibromofluoromethane	8.165	113	14185	10.881	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	21.760%#
50) Toluene-d8	10.565	98	360940	51.806	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.620%
62) 4-Bromofluorobenzene	12.847	95	135898	53.478	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.960%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	53847	69.661	ug/l	97
20) Methylene Chloride	5.277	84	4408	2.259	ug/l	89
40) Benzene	8.606	78	502863	60.279	ug/l	98
52) Toluene	10.629	92	108983	20.937	ug/l	98
67) Ethyl Benzene	11.959	91	510497	45.991	ug/l	98
68) m/p-Xylenes	12.065	106	74326	17.870	ug/l	99
69) o-Xylene	12.394	106	57102	13.883	ug/l	98
73) Isopropylbenzene	12.694	105	23662	2.268	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	16965	1.986	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	66731	7.676	ug/l	99
95) Naphthalene	15.635	128	4235593	592.170	ug/l	100

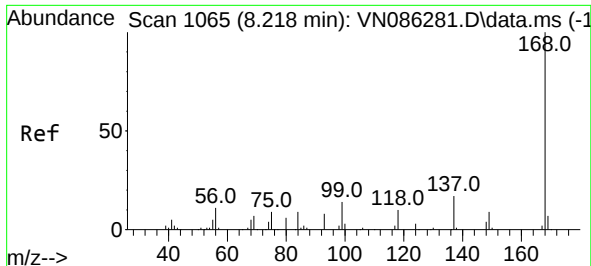
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

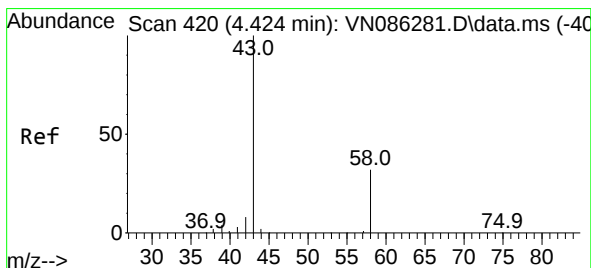
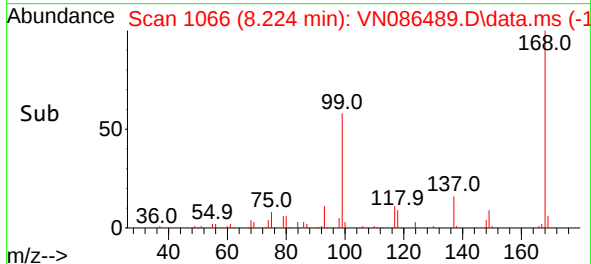
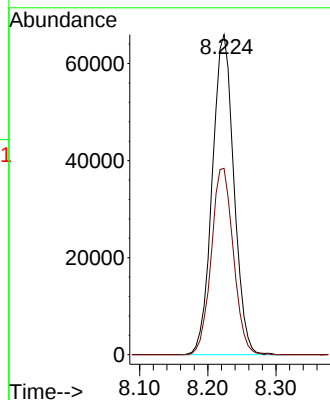
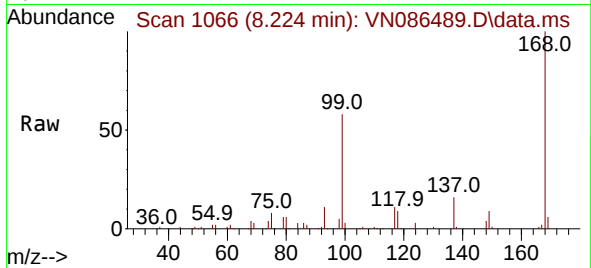




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086489.D
Acq: 05 May 2025 16:25

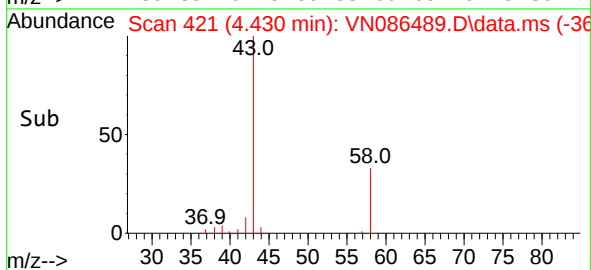
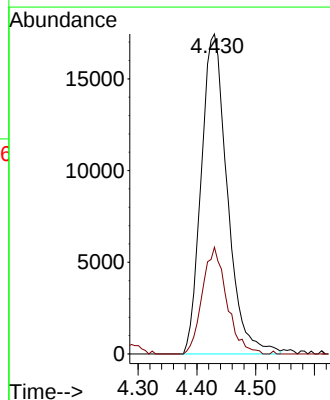
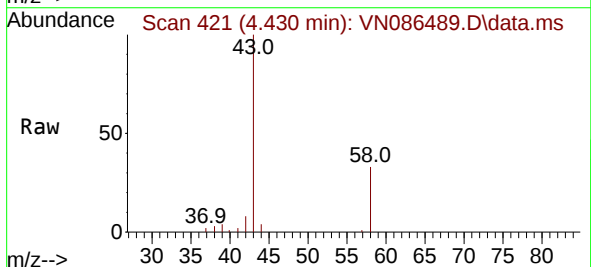
Instrument :
MSVOA_N
ClientSampleId :
WC-A1-03-GRE

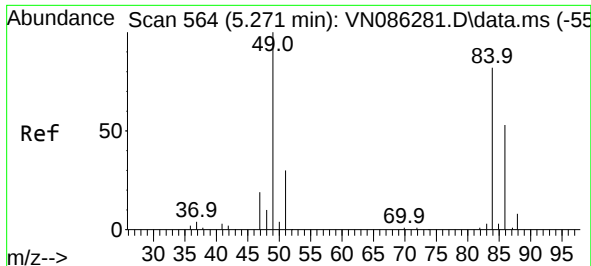
Tgt Ion:168 Resp: 145576
Ion Ratio Lower Upper
168 100
99 58.2 52.5 78.7



#16
Acetone
Concen: 69.661 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086489.D
Acq: 05 May 2025 16:25

Tgt Ion: 43 Resp: 53847
Ion Ratio Lower Upper
43 100
58 33.4 25.3 37.9

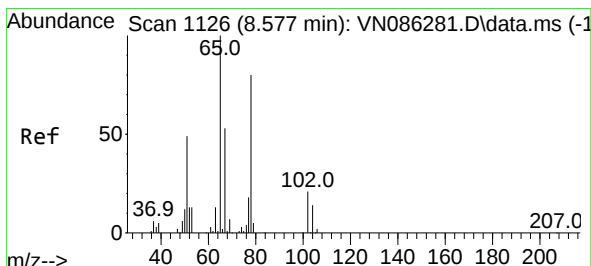
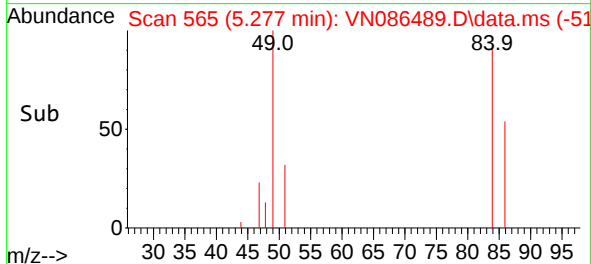
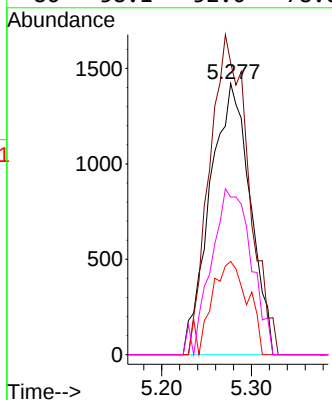
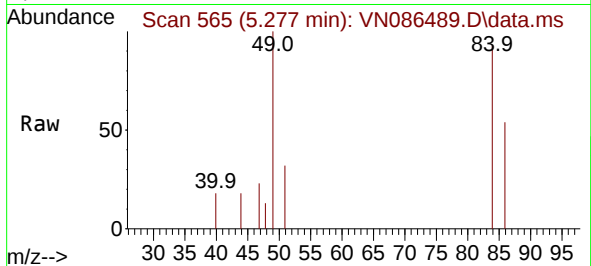




#20
Methylene Chloride
Concen: 2.259 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086489.D
Acq: 05 May 2025 16:25

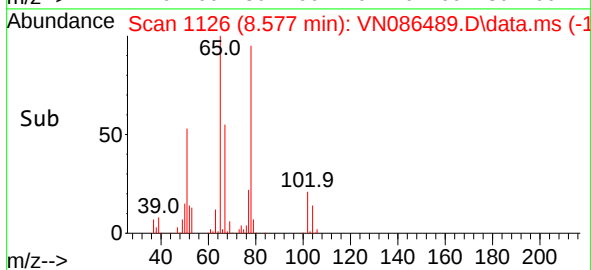
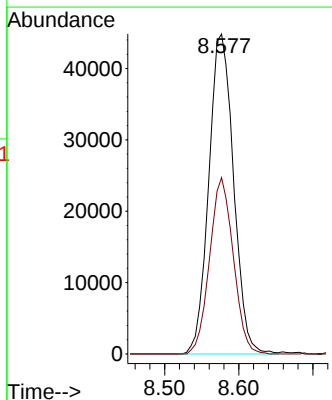
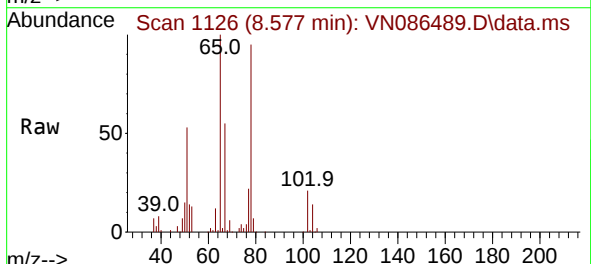
Instrument :
MSVOA_N
ClientSampleId :
WC-A1-03-GRE

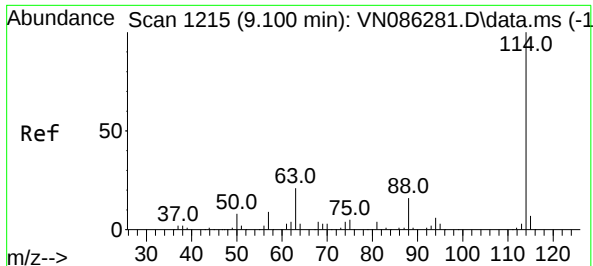
Tgt Ion: 84	Resp: 4408
Ion Ratio	Lower Upper
84 100	
49 107.6	98.2 147.2
51 34.4	29.8 44.6
86 58.1	52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 49.255 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086489.D
Acq: 05 May 2025 16:25

Tgt Ion: 65	Resp: 103976
Ion Ratio	Lower Upper
65 100	
67 52.6	0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086489.D

Acq: 05 May 2025 16:25

Instrument :

MSVOA_N

ClientSampleId :

WC-A1-03-GRE

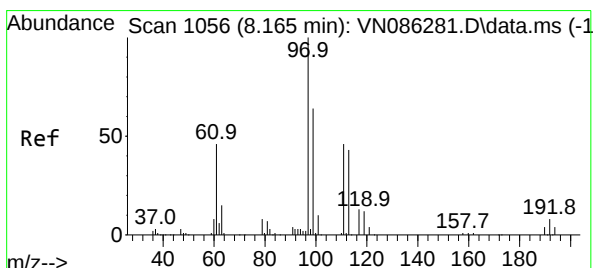
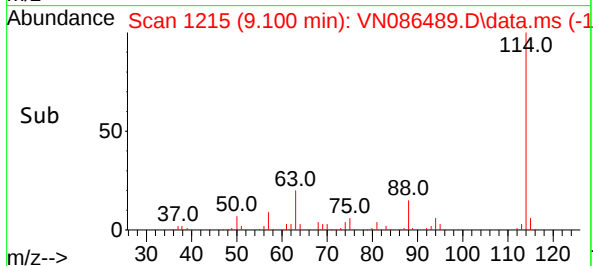
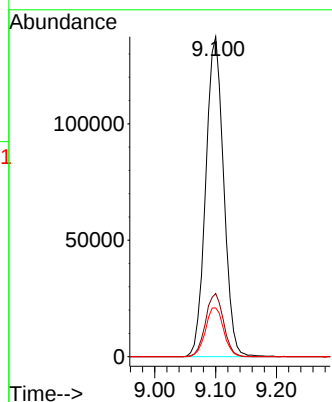
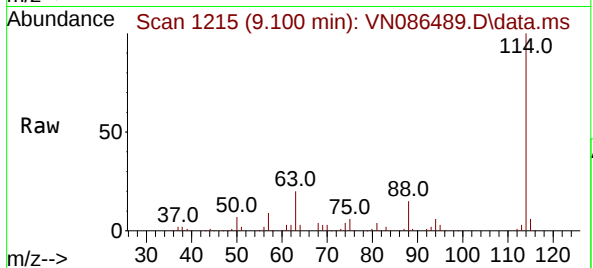
Tgt Ion:114 Resp: 280881

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 10.881 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086489.D

Acq: 05 May 2025 16:25

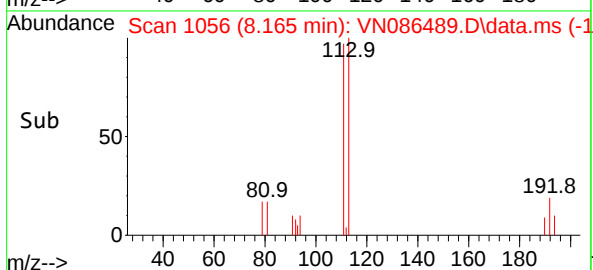
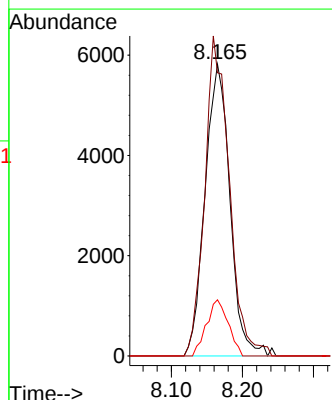
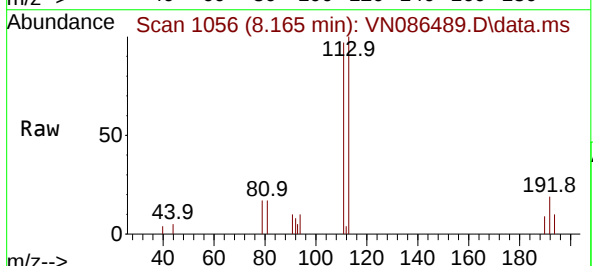
Tgt Ion:113 Resp: 14185

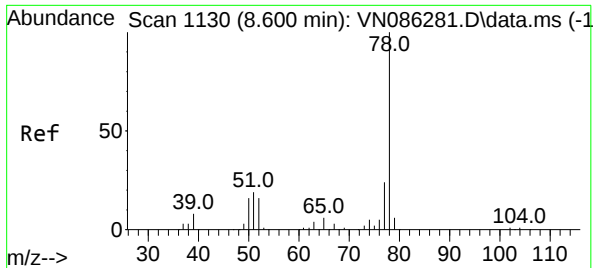
Ion Ratio Lower Upper

113 100

111 107.5 83.4 125.0

192 16.7 13.7 20.5

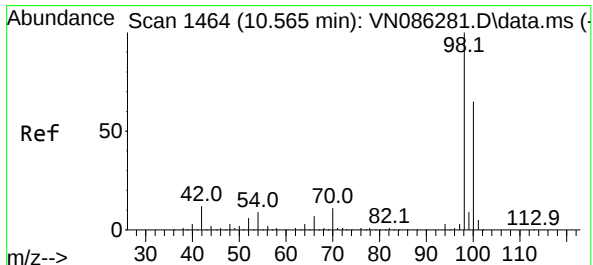
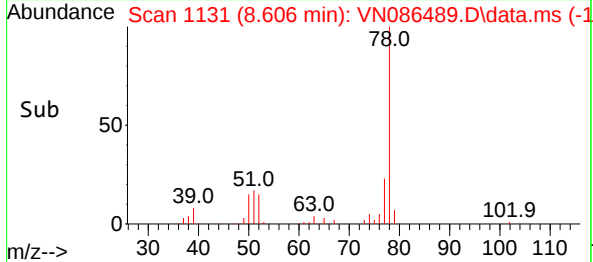
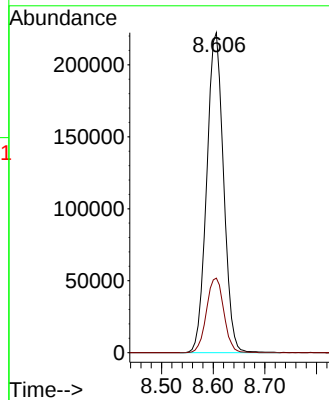
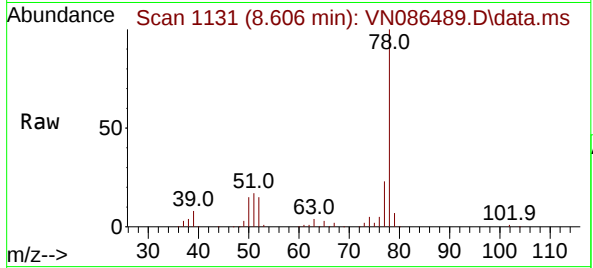




#40
Benzene
Concen: 60.279 ug/l
RT: 8.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN086489.D
Acq: 05 May 2025 16:25

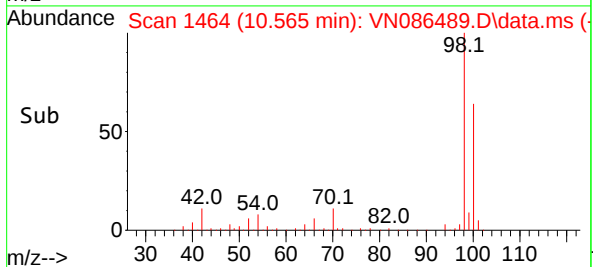
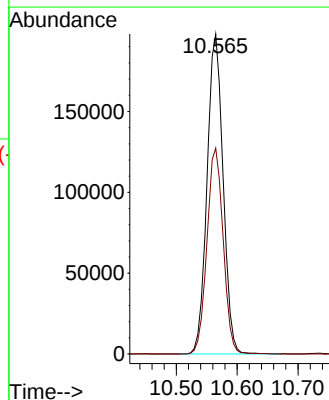
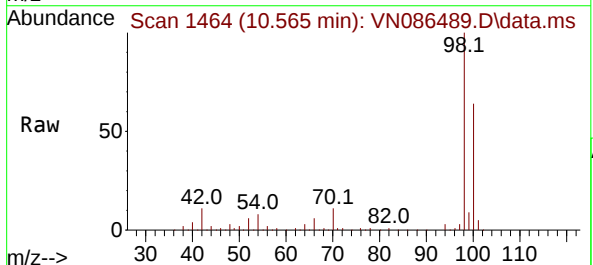
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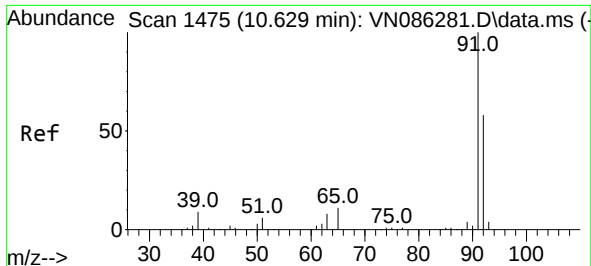
Tgt Ion: 78 Resp: 502863
Ion Ratio Lower Upper
78 100
77 23.3 19.4 29.2



#50
Toluene-d8
Concen: 51.806 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086489.D
Acq: 05 May 2025 16:25

Tgt Ion: 98 Resp: 360940
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7

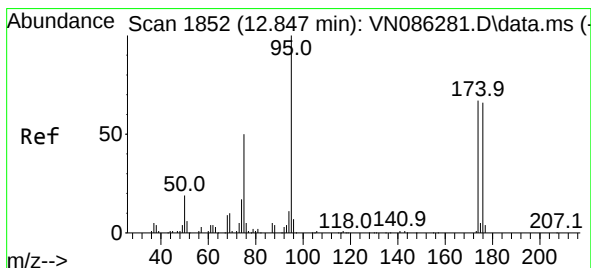
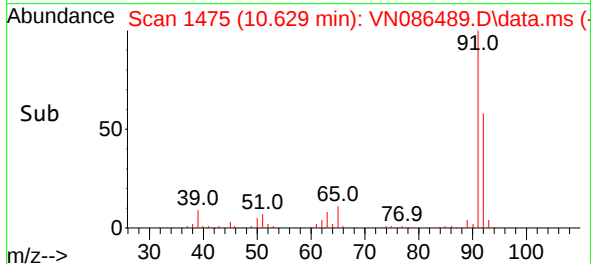
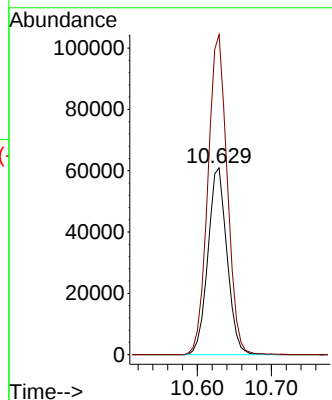
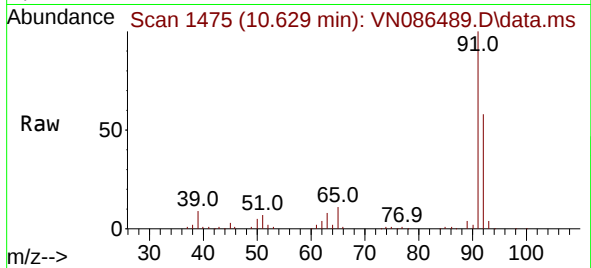




#52
Toluene
Concen: 20.937 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086489.D
Acq: 05 May 2025 16:25

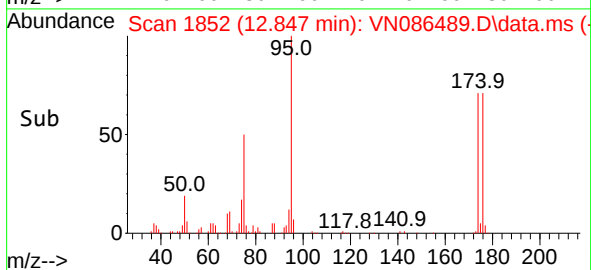
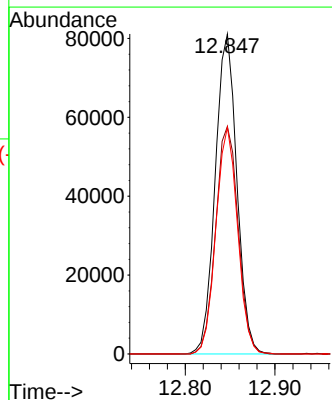
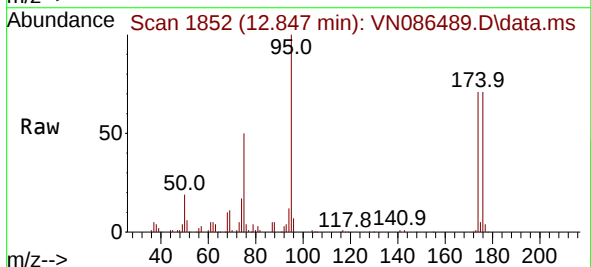
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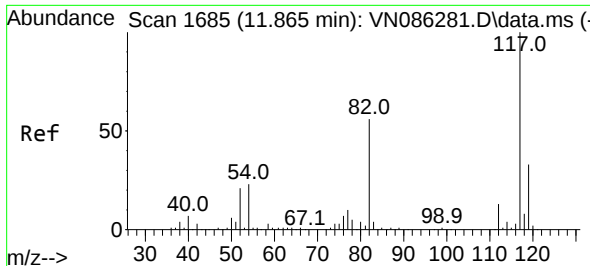
Tgt Ion: 92 Resp: 108983
Ion Ratio Lower Upper
92 100
91 173.9 137.3 205.9



#62
4-Bromofluorobenzene
Concen: 53.478 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086489.D
Acq: 05 May 2025 16:25

Tgt Ion: 95 Resp: 135898
Ion Ratio Lower Upper
95 100
174 74.0 0.0 133.4
176 70.7 0.0 129.2

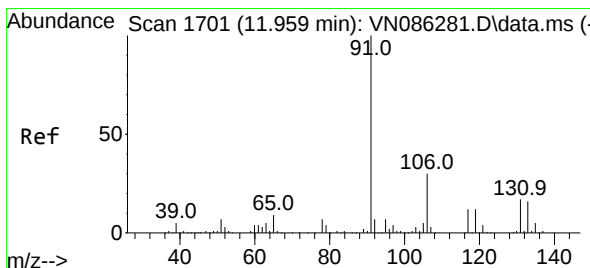
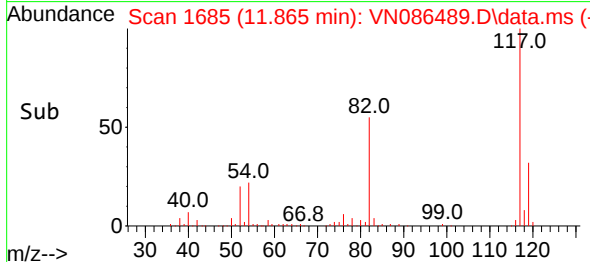
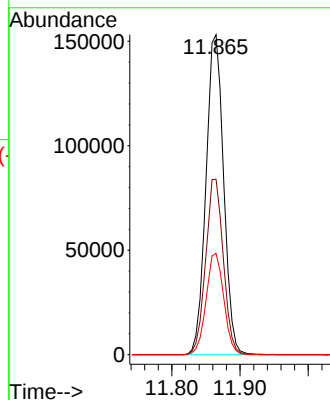
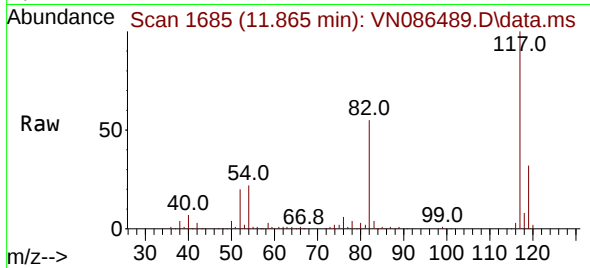




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086489.D
Acq: 05 May 2025 16:25

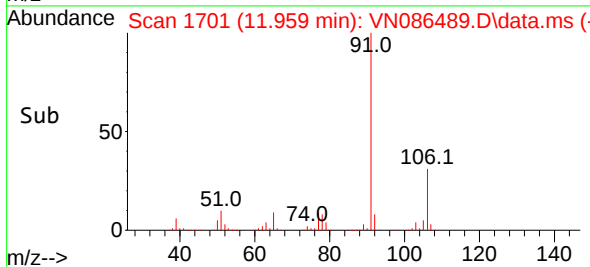
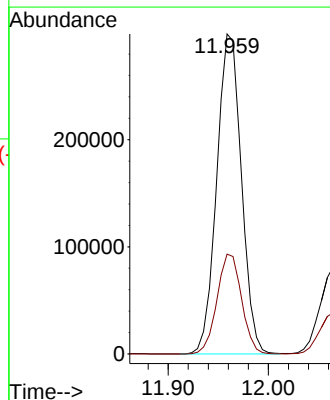
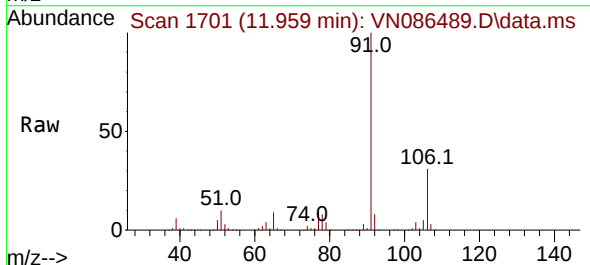
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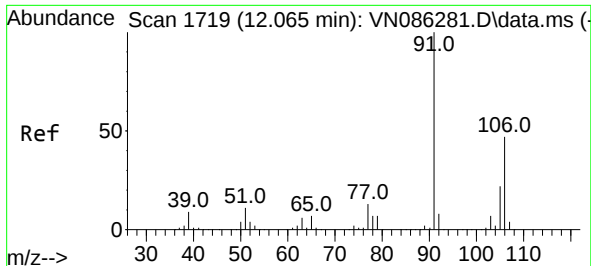
Tgt Ion:117 Resp: 275635
Ion Ratio Lower Upper
117 100
82 54.9 44.7 67.1
119 31.7 26.4 39.6



#67
Ethyl Benzene
Concen: 45.991 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086489.D
Acq: 05 May 2025 16:25

Tgt Ion: 91 Resp: 510497
Ion Ratio Lower Upper
91 100
106 31.2 24.3 36.5

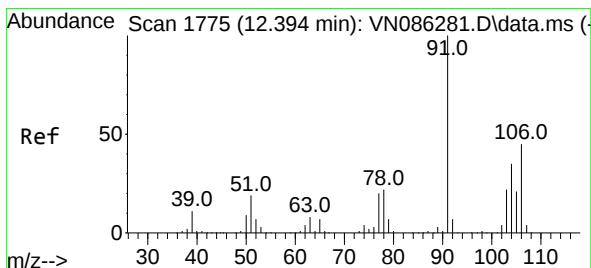
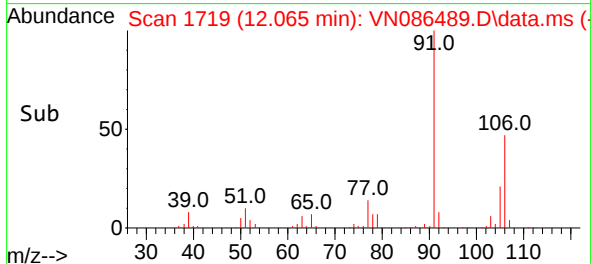
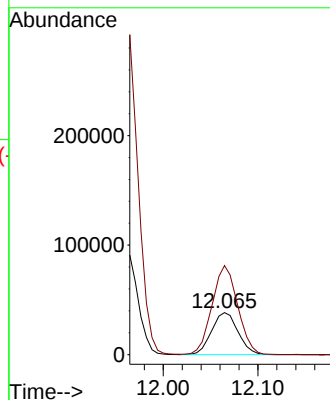
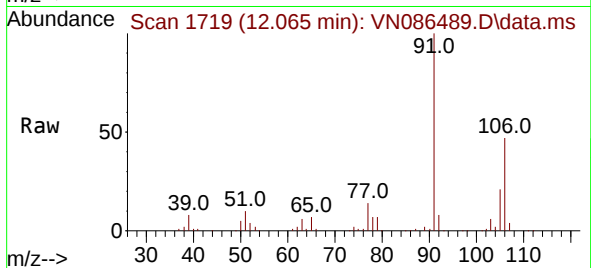




#68
m/p-Xylenes
Concen: 17.870 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086489.D
Acq: 05 May 2025 16:25

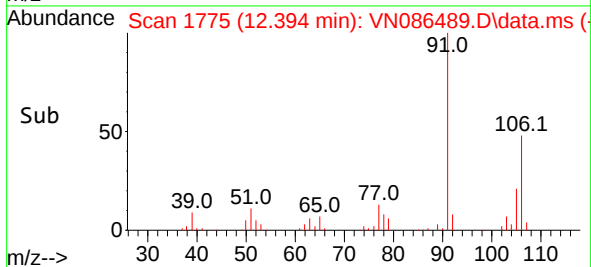
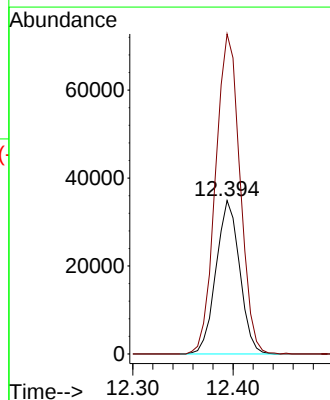
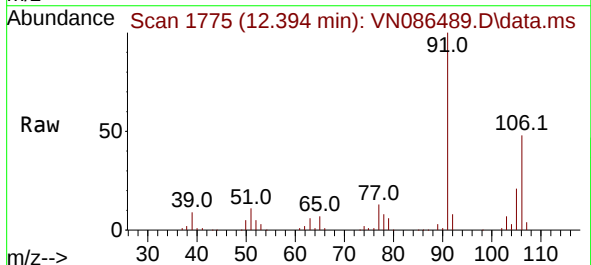
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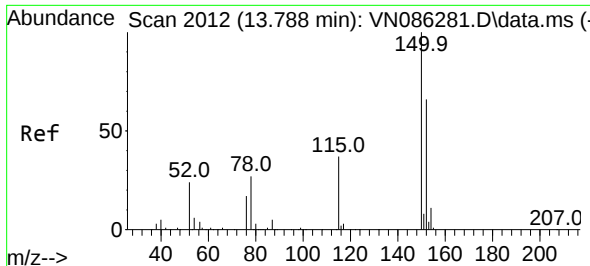
Tgt Ion:106 Resp: 74326
Ion Ratio Lower Upper
106 100
91 206.7 166.5 249.7



#69
o-Xylene
Concen: 13.883 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086489.D
Acq: 05 May 2025 16:25

Tgt Ion:106 Resp: 57102
Ion Ratio Lower Upper
106 100
91 216.3 109.7 329.0

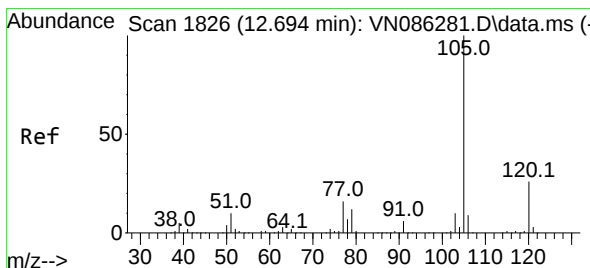
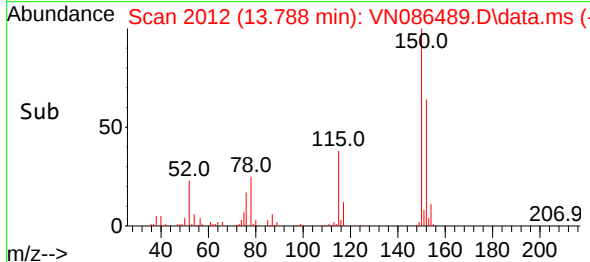
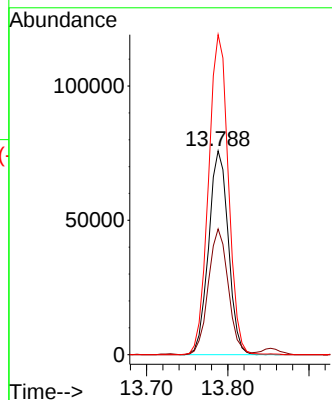
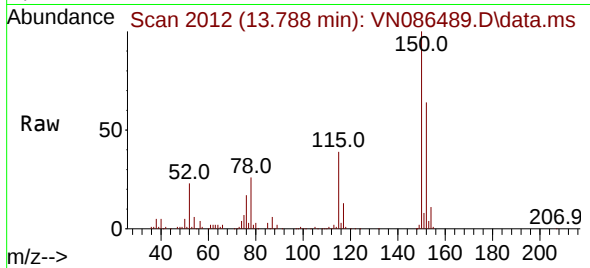




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086489.D
Acq: 05 May 2025 16:25

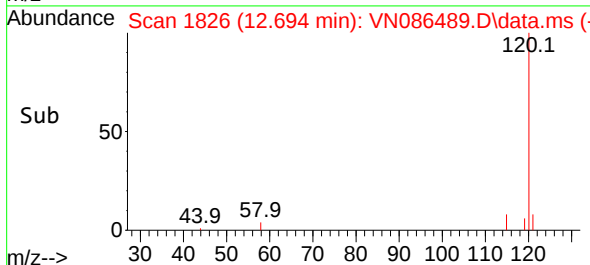
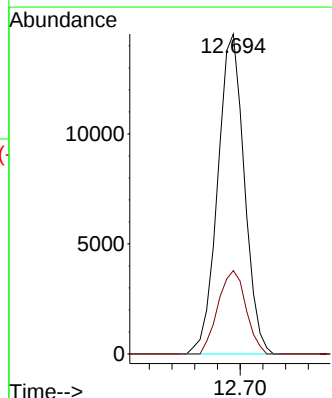
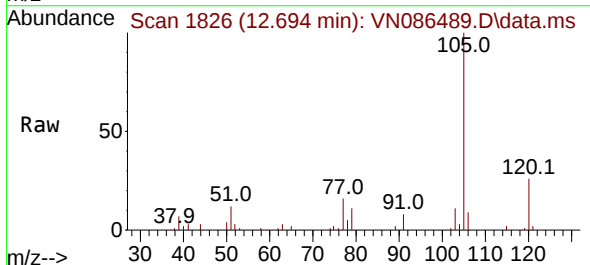
Instrument :
MSVOA_N
ClientSampleId :
WC-A1-03-GRE

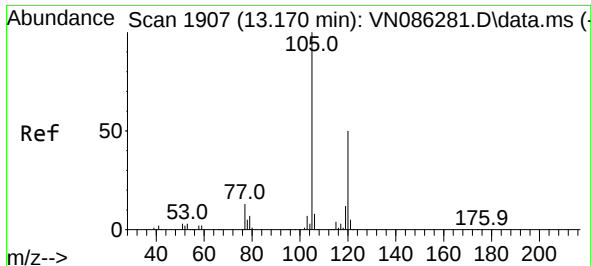
Tgt Ion:152 Resp: 127559
Ion Ratio Lower Upper
152 100
115 62.6 31.9 95.9
150 158.4 0.0 352.0



#73
Isopropylbenzene
Concen: 2.268 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086489.D
Acq: 05 May 2025 16:25

Tgt Ion:105 Resp: 23662
Ion Ratio Lower Upper
105 100
120 27.2 13.1 39.3

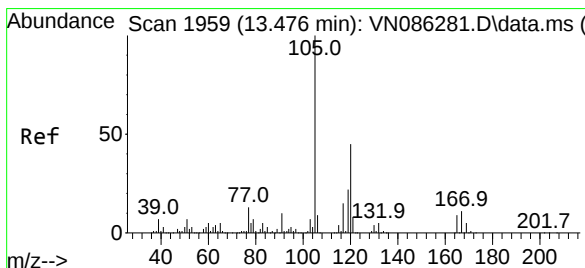
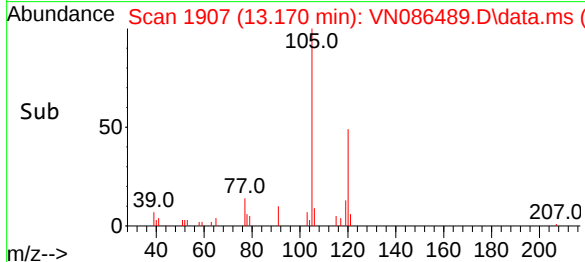
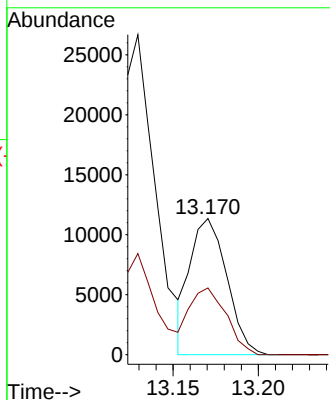
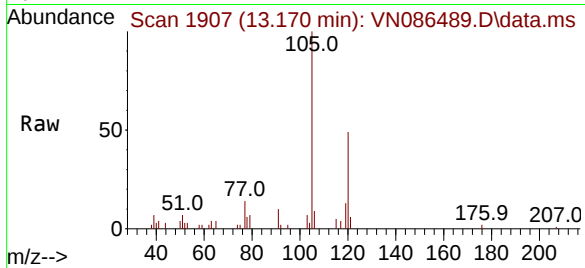




#80
 1,3,5-Trimethylbenzene
 Concen: 1.986 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VN086489.D
 Acq: 05 May 2025 16:25

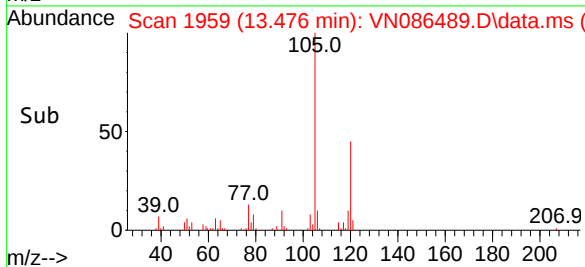
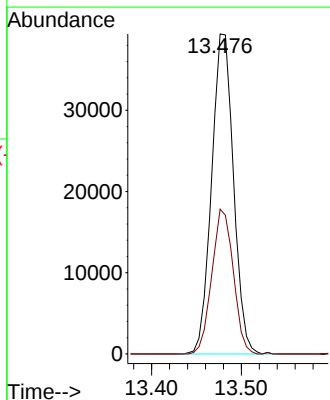
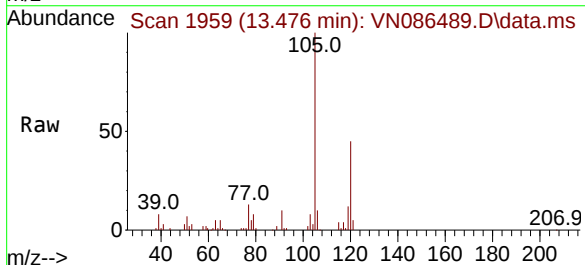
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A1-03-GRE

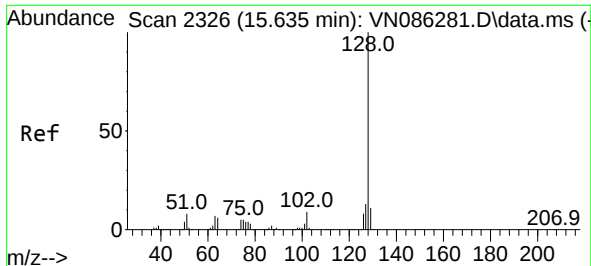
Tgt Ion:105 Resp: 16965
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.5 73.5



#84
 1,2,4-Trimethylbenzene
 Concen: 7.676 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VN086489.D
 Acq: 05 May 2025 16:25

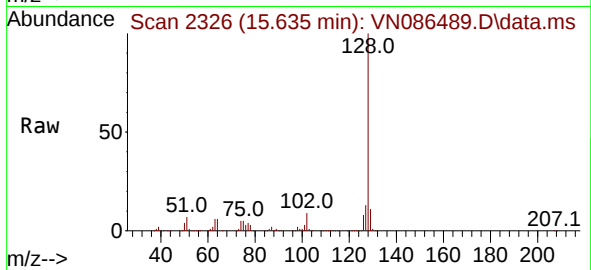
Tgt Ion:105 Resp: 66731
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.4 67.3





#95
Naphthalene
Concen: 592.170 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086489.D
Acq: 05 May 2025 16:25

Instrument :
MSVOA_N
ClientSampleId :
WC-A1-03-GRE



Tgt Ion:128 Resp: 4235593
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.9 8.6 13.0

