

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060925\
 Data File : VN086910.D
 Acq On : 09 Jun 2025 16:55
 Operator : JC\MD
 Sample : Q2235-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A2-08-G

Quant Time: Jun 10 03:36:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

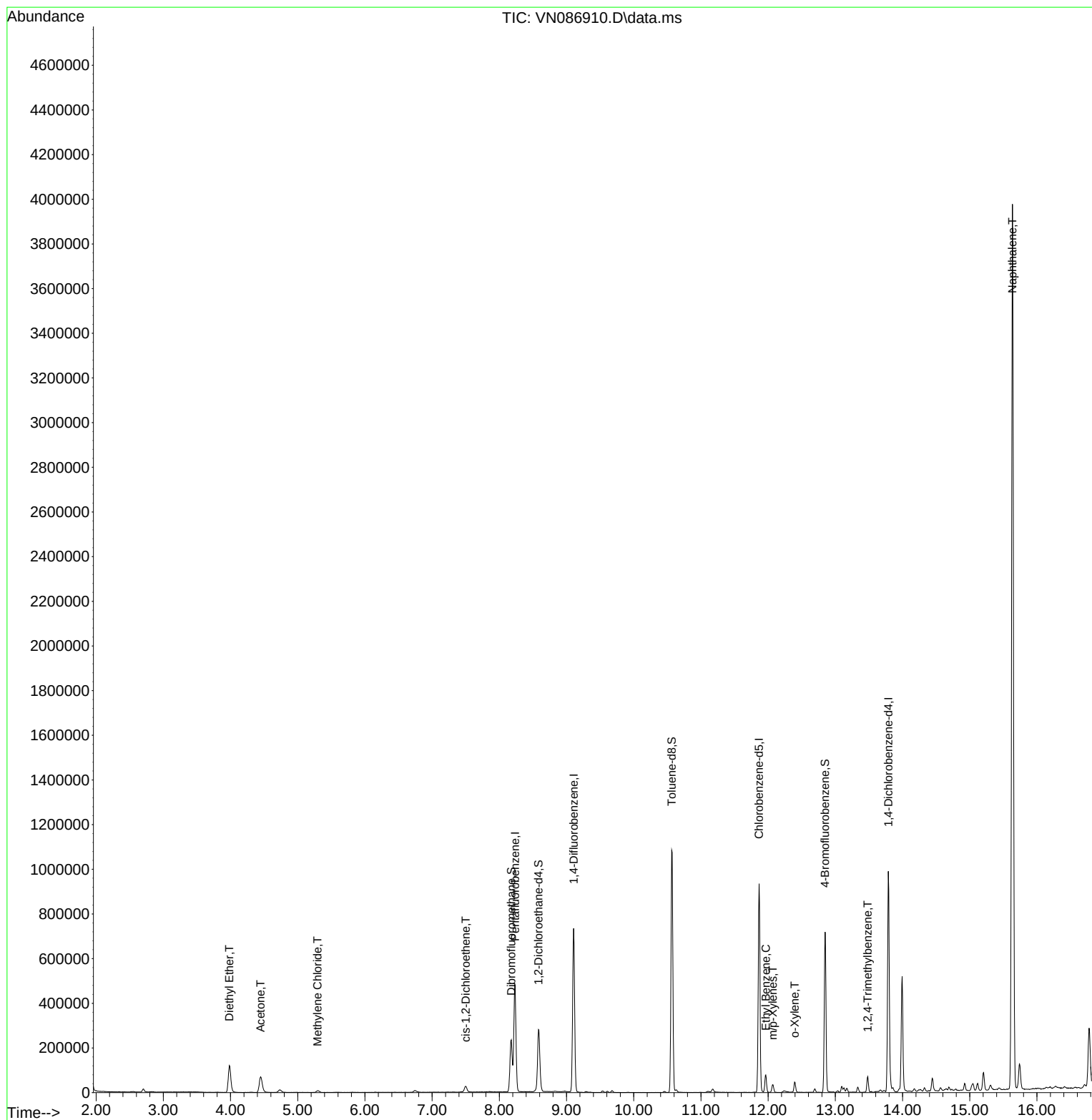
Internal Standards						
1) Pentafluorobenzene	8.236	168	386024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	684260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	589833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	286619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	228642	44.238	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.480%
35) Dibromofluoromethane	8.177	113	181905	44.858	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.720%
50) Toluene-d8	10.565	98	821138	51.152	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.300%
62) 4-Bromofluorobenzene	12.847	95	292059	48.969	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.940%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.983	74	81373	27.881	ug/l	92
16) Acetone	4.448	43	141854	51.755	ug/l	96
20) Methylene Chloride	5.295	84	6948	1.354	ug/l	91
27) cis-1,2-Dichloroethene	7.500	96	10782	1.886	ug/l	83
67) Ethyl Benzene	11.965	91	61886	2.762	ug/l	99
68) m/p-Xylenes	12.071	106	12962	1.511	ug/l	99
69) o-Xylene	12.394	106	14264	1.736	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	41459	2.398	ug/l	99
95) Naphthalene	15.635	128	3912679	181.864	ug/l	100

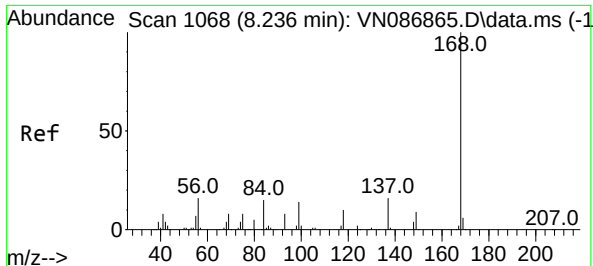
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

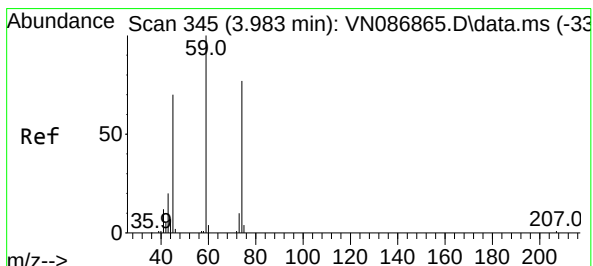
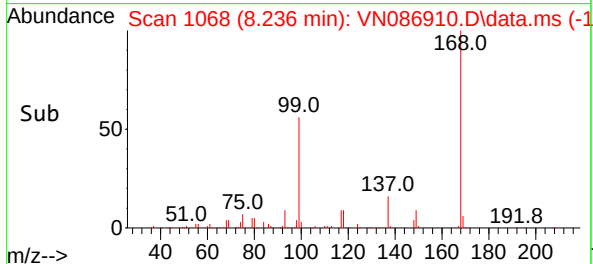
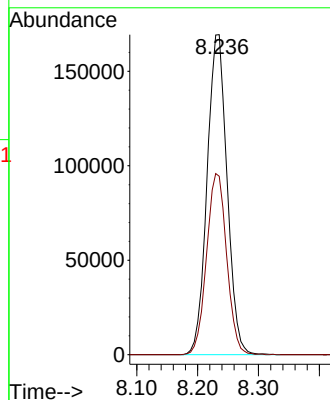
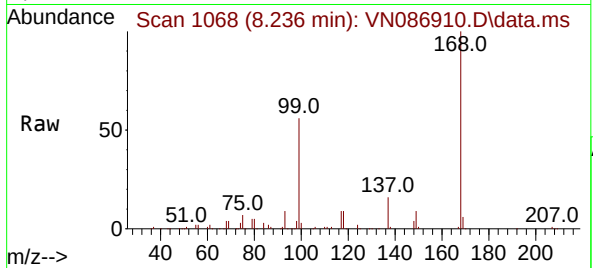




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN086910.D
Acq: 09 Jun 2025 16:55

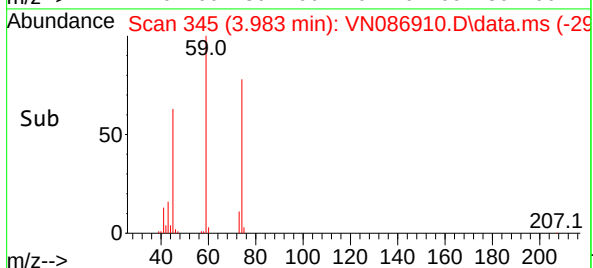
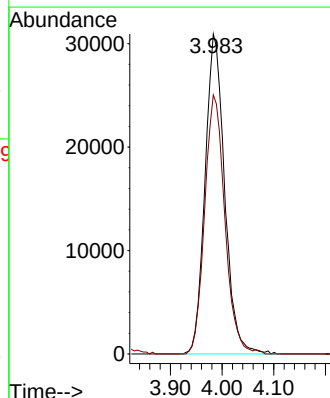
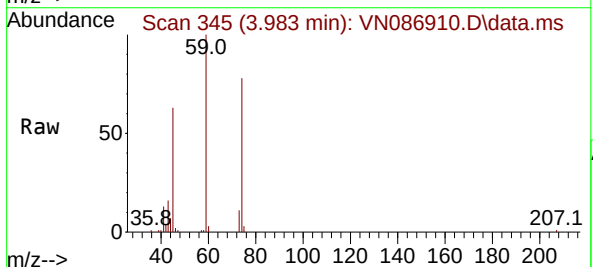
Instrument :
MSVOA_N
ClientSampleId :
WC-A2-08-G

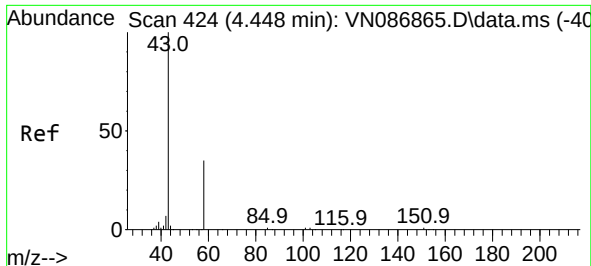
Tgt Ion:168 Resp: 386024
Ion Ratio Lower Upper
168 100
99 55.7 49.1 73.7



#8
Diethyl Ether
Concen: 27.881 ug/l
RT: 3.983 min Scan# 345
Delta R.T. 0.000 min
Lab File: VN086910.D
Acq: 09 Jun 2025 16:55

Tgt Ion: 74 Resp: 81373
Ion Ratio Lower Upper
74 100
45 83.5 45.5 136.5

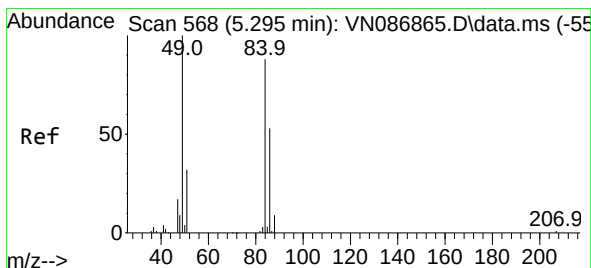
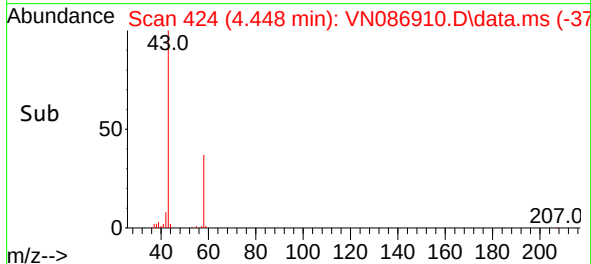
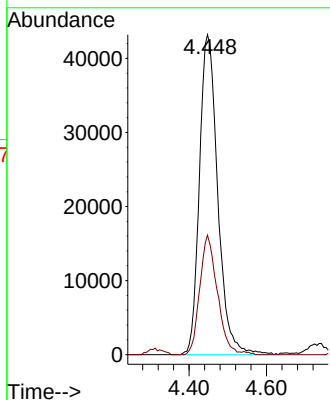
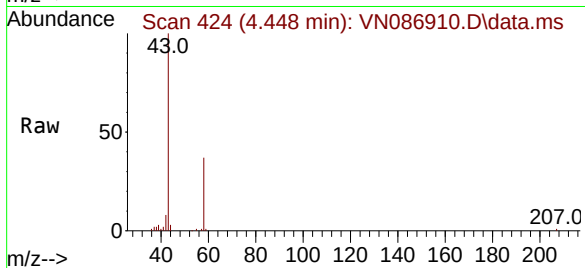




#16
Acetone
Concen: 51.755 ug/l
RT: 4.448 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086910.D
Acq: 09 Jun 2025 16:55

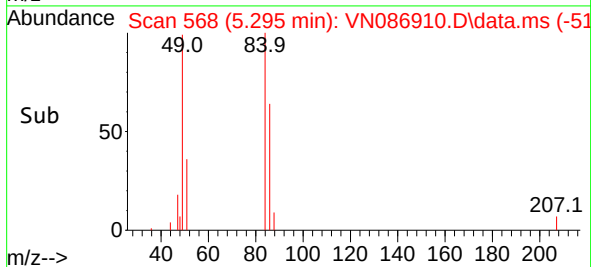
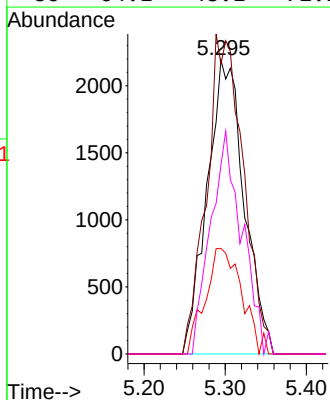
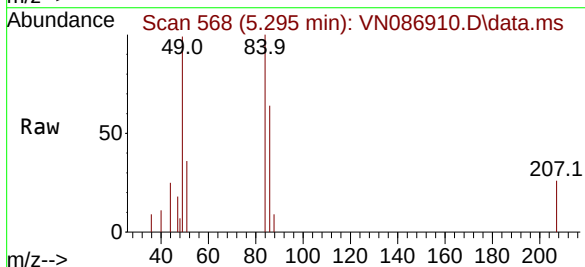
Instrument :
MSVOA_N
ClientSampleId :
WC-A2-08-G

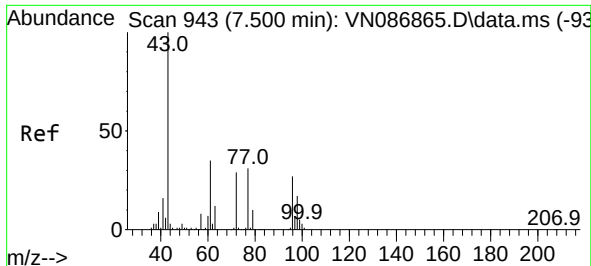
Tgt Ion: 43 Resp: 141854
Ion Ratio Lower Upper
43 100
58 37.4 28.0 42.0



#20
Methylene Chloride
Concen: 1.354 ug/l
RT: 5.295 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN086910.D
Acq: 09 Jun 2025 16:55

Tgt Ion: 84 Resp: 6948
Ion Ratio Lower Upper
84 100
49 98.6 90.5 135.7
51 35.9 28.5 42.7
86 64.1 48.1 72.1

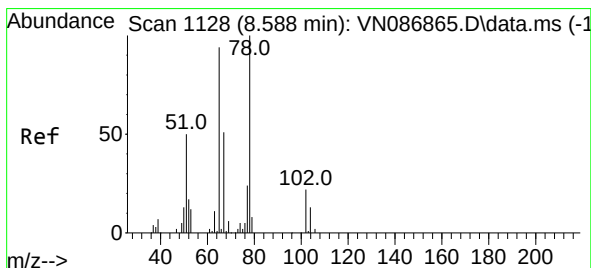
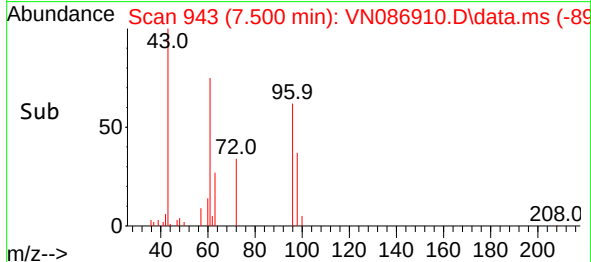
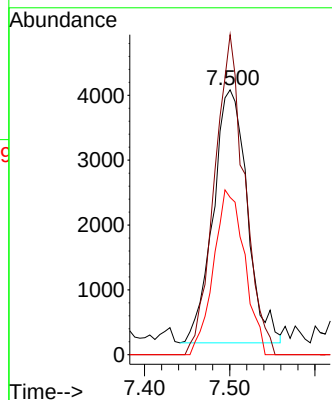
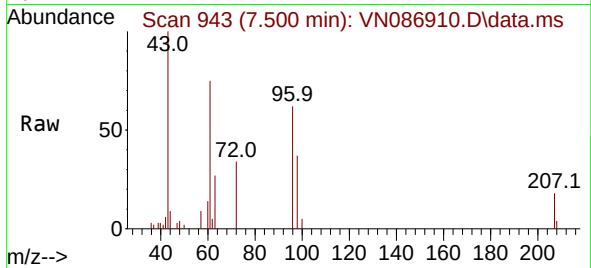




#27
 cis-1,2-Dichloroethene
 Concen: 1.886 ug/l
 RT: 7.500 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: VN086910.D
 Acq: 09 Jun 2025 16:55

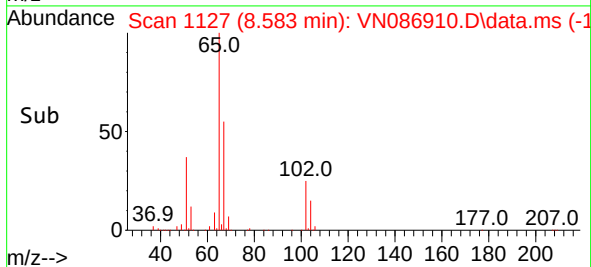
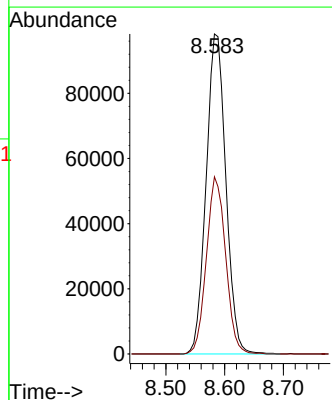
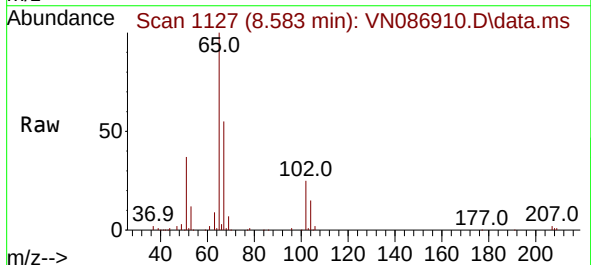
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A2-08-G

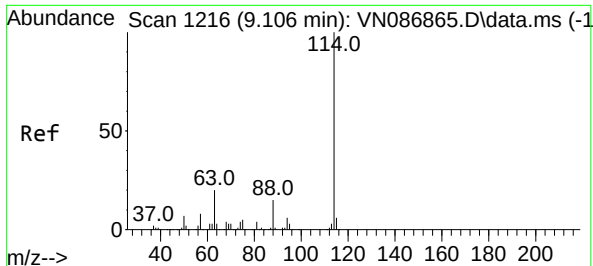
Tgt Ion: 96 Resp: 10782
 Ion Ratio Lower Upper
 96 100
 61 112.2 0.0 278.0
 98 59.5 0.0 128.2



#33
 1,2-Dichloroethane-d4
 Concen: 44.238 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VN086910.D
 Acq: 09 Jun 2025 16:55

Tgt Ion: 65 Resp: 228642
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 105.6

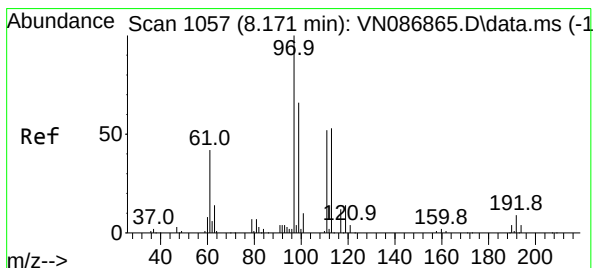
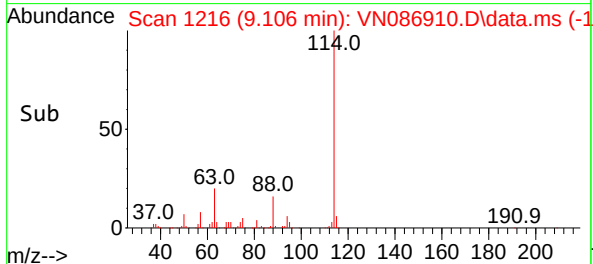
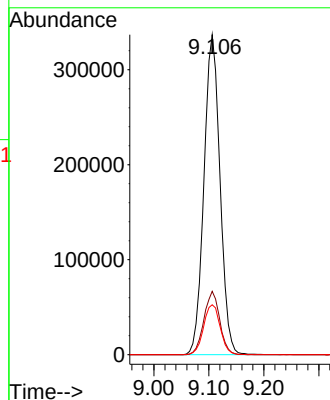
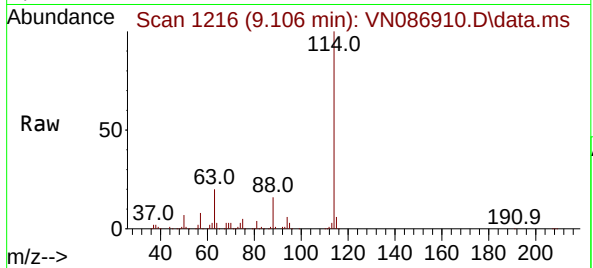




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086910.D
Acq: 09 Jun 2025 16:55

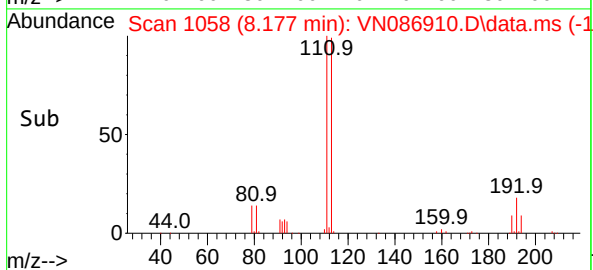
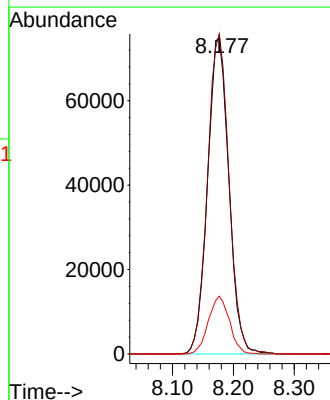
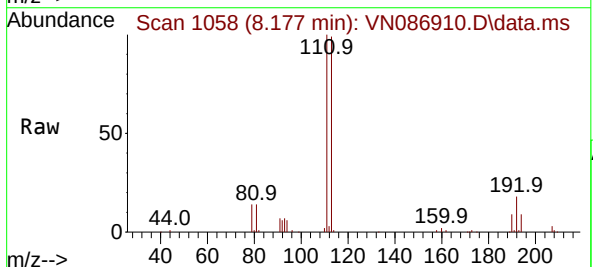
Instrument :
MSVOA_N
ClientSampleId :
WC-A2-08-G

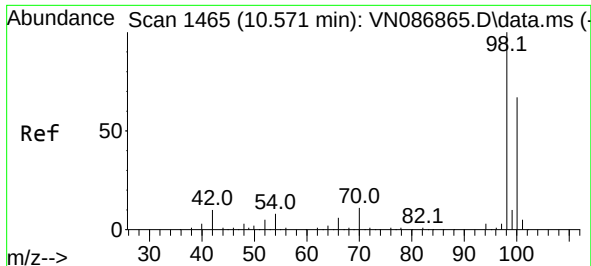
Tgt Ion:114 Resp: 684260
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.6
88 15.6 0.0 30.2



#35
Dibromofluoromethane
Concen: 44.858 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN086910.D
Acq: 09 Jun 2025 16:55

Tgt Ion:113 Resp: 181905
Ion Ratio Lower Upper
113 100
111 102.2 84.2 126.2
192 18.1 14.2 21.4

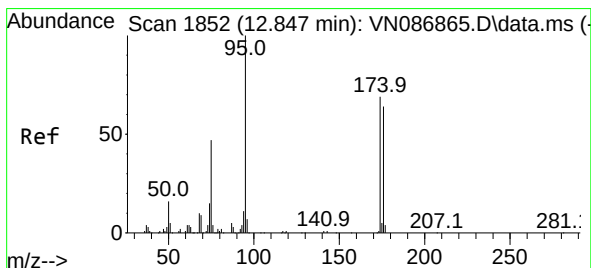
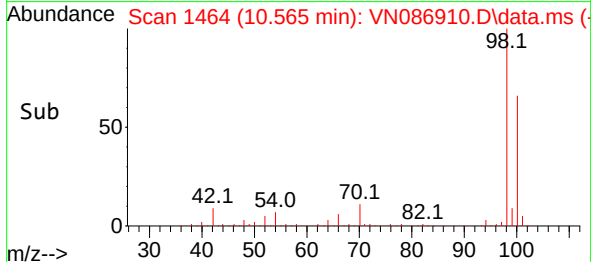
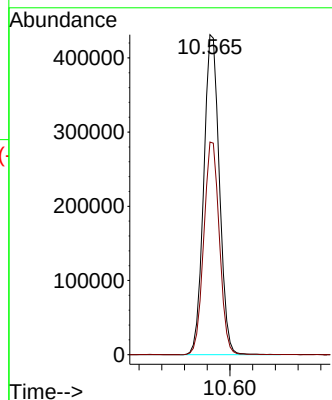
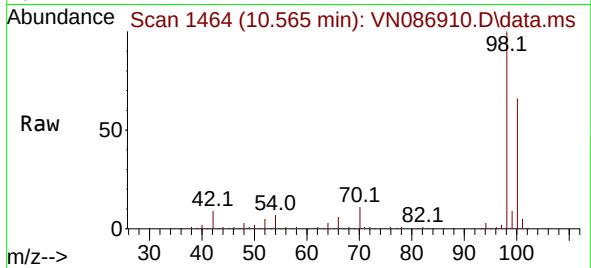




#50
Toluene-d8
Concen: 51.152 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN086910.D
Acq: 09 Jun 2025 16:55

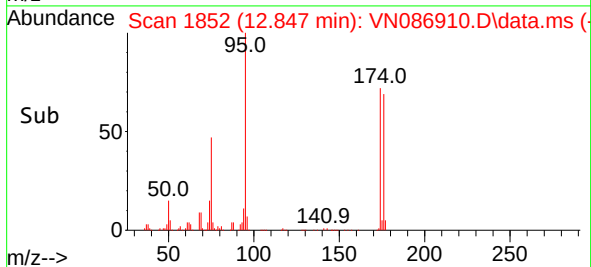
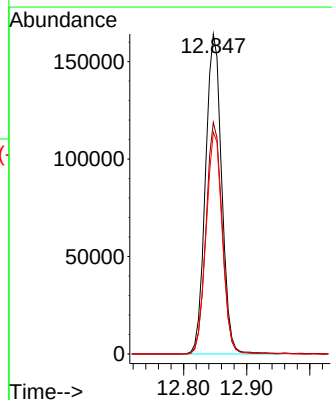
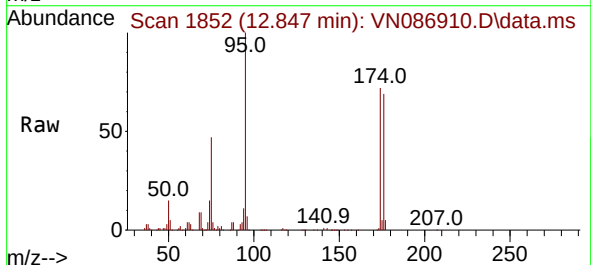
Instrument :
MSVOA_N
ClientSampleId :
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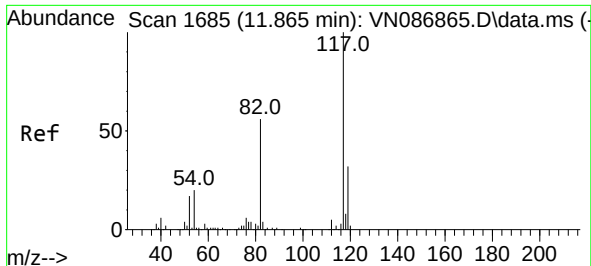
Tgt Ion: 98 Resp: 821138
Ion Ratio Lower Upper
98 100
100 66.3 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 48.969 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086910.D
Acq: 09 Jun 2025 16:55

Tgt Ion: 95 Resp: 292059
Ion Ratio Lower Upper
95 100
174 72.1 0.0 141.8
176 69.3 0.0 132.6

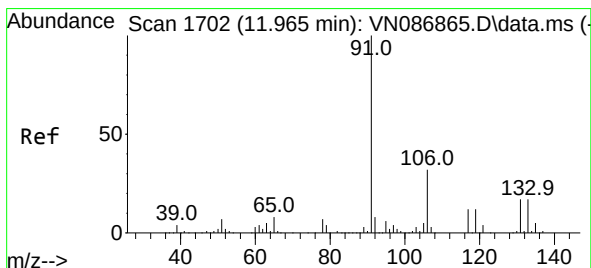
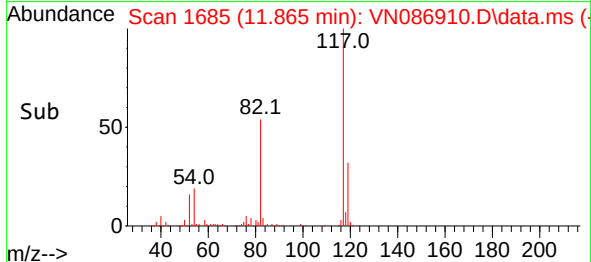
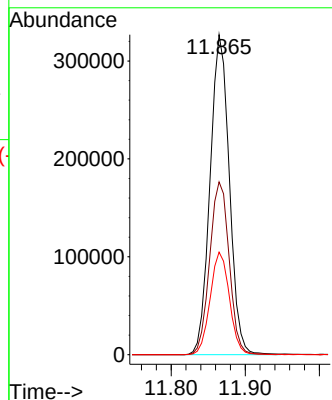
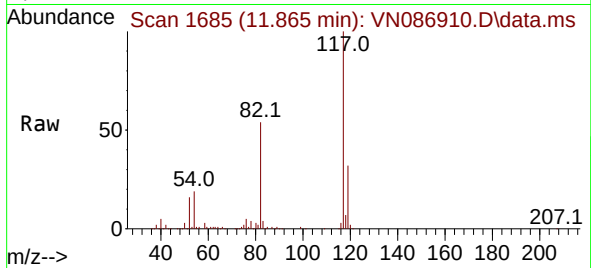




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN086910.D
Acq: 09 Jun 2025 16:55

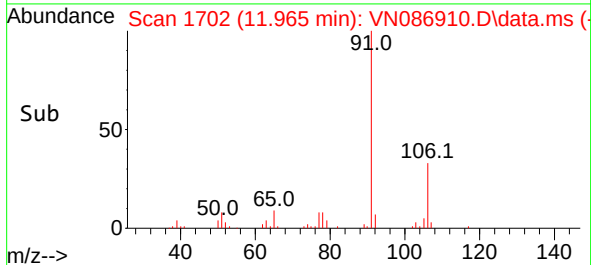
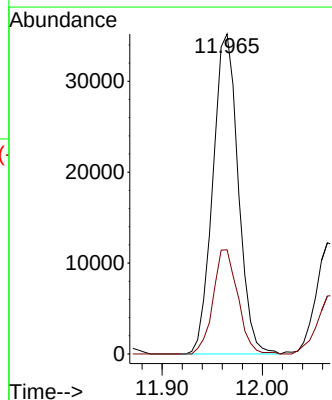
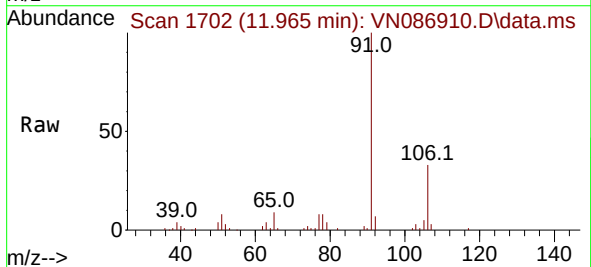
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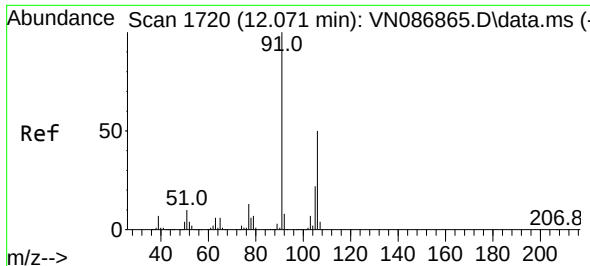
Tgt Ion:117 Resp: 589833
Ion Ratio Lower Upper
117 100
82 54.0 44.6 67.0
119 32.1 25.5 38.3



#67
Ethyl Benzene
Concen: 2.762 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN086910.D
Acq: 09 Jun 2025 16:55

Tgt Ion: 91 Resp: 61886
Ion Ratio Lower Upper
91 100
106 32.6 25.4 38.2

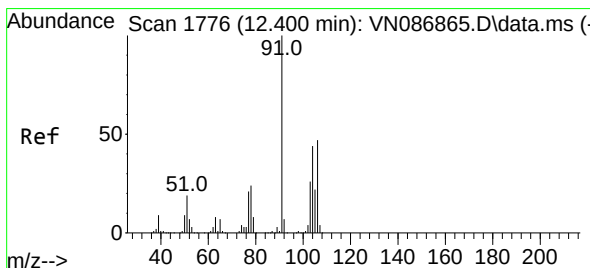
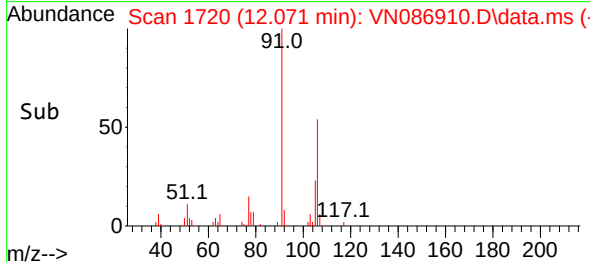
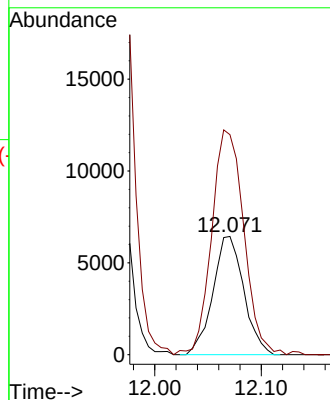
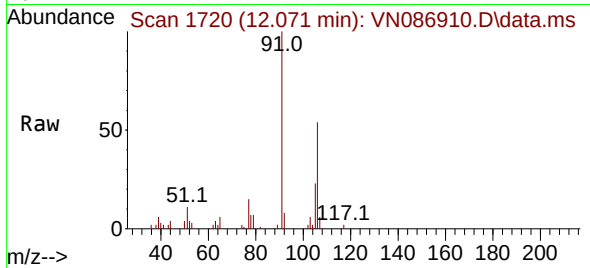




#68
m/p-Xylenes
Concen: 1.511 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086910.D
Acq: 09 Jun 2025 16:55

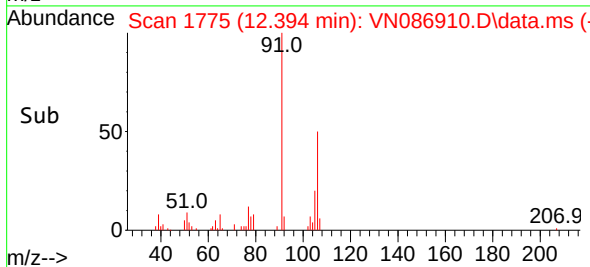
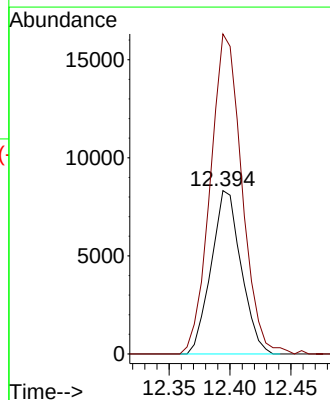
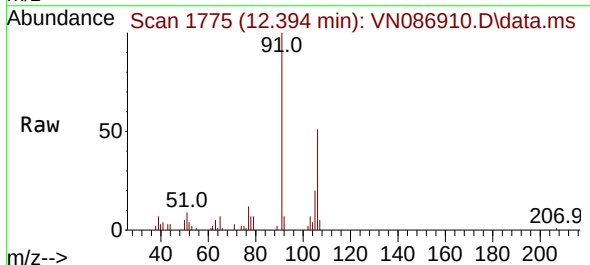
Instrument :
MSVOA_N
ClientSampleId :
WC-A2-08-G

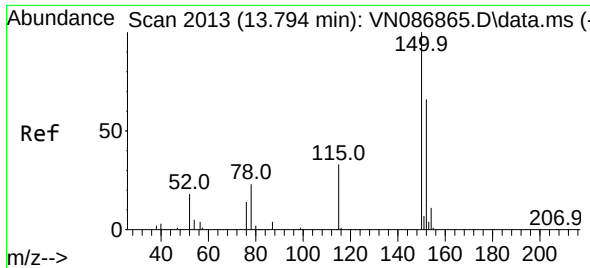
Tgt Ion:106 Resp: 12962
Ion Ratio Lower Upper
106 100
91 197.6 159.4 239.0



#69
o-Xylene
Concen: 1.736 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN086910.D
Acq: 09 Jun 2025 16:55

Tgt Ion:106 Resp: 14264
Ion Ratio Lower Upper
106 100
91 206.8 106.1 318.1

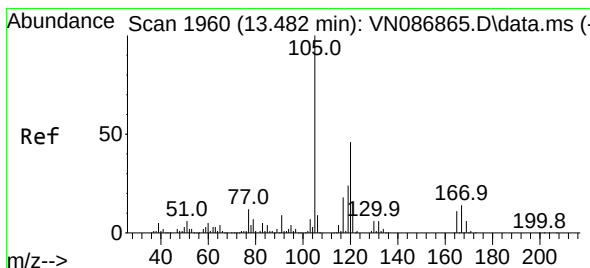
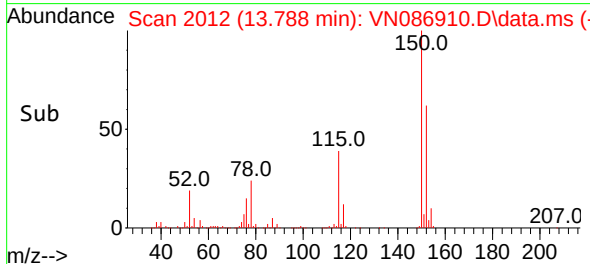
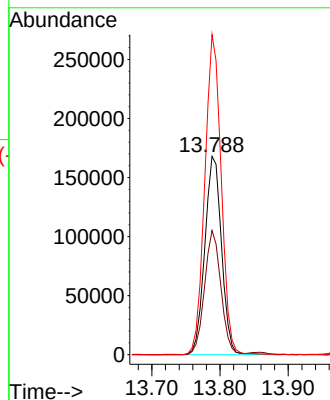
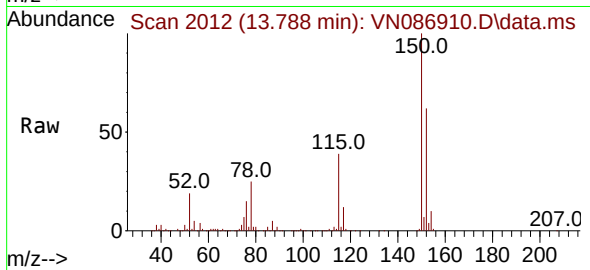




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2013
 Delta R.T. -0.006 min
 Lab File: VN086910.D
 Acq: 09 Jun 2025 16:55

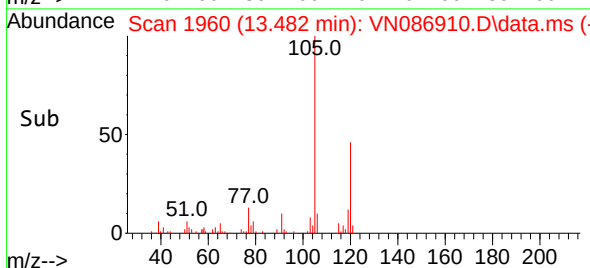
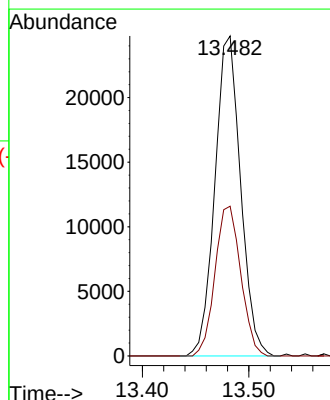
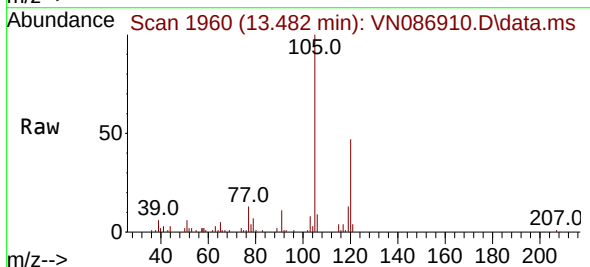
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A2-08-G

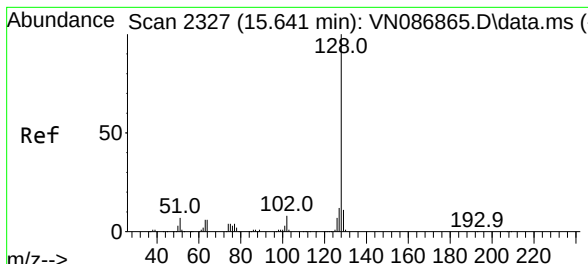
Tgt Ion:152 Resp: 286619
 Ion Ratio Lower Upper
 152 100
 115 60.9 30.1 90.5
 150 158.5 0.0 345.0



#84
 1,2,4-Trimethylbenzene
 Concen: 2.398 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN086910.D
 Acq: 09 Jun 2025 16:55

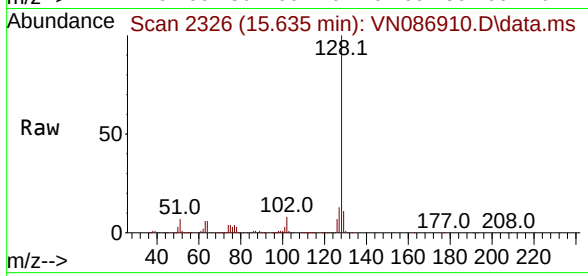
Tgt Ion:105 Resp: 41459
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.2 69.6





#95
 Naphthalene
 Concen: 181.864 ug/l
 RT: 15.635 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN086910.D
 Acq: 09 Jun 2025 16:55

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A2-08-G



Tgt Ion:128 Resp: 3912679

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.9	8.8	13.2

