

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
 Data File : VN086188.D
 Acq On : 31 Mar 2025 22:41
 Operator : JC\MD
 Sample : Q1644-01
 Misc : 1.12g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 12325-C

Quant Time: Apr 01 01:42:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

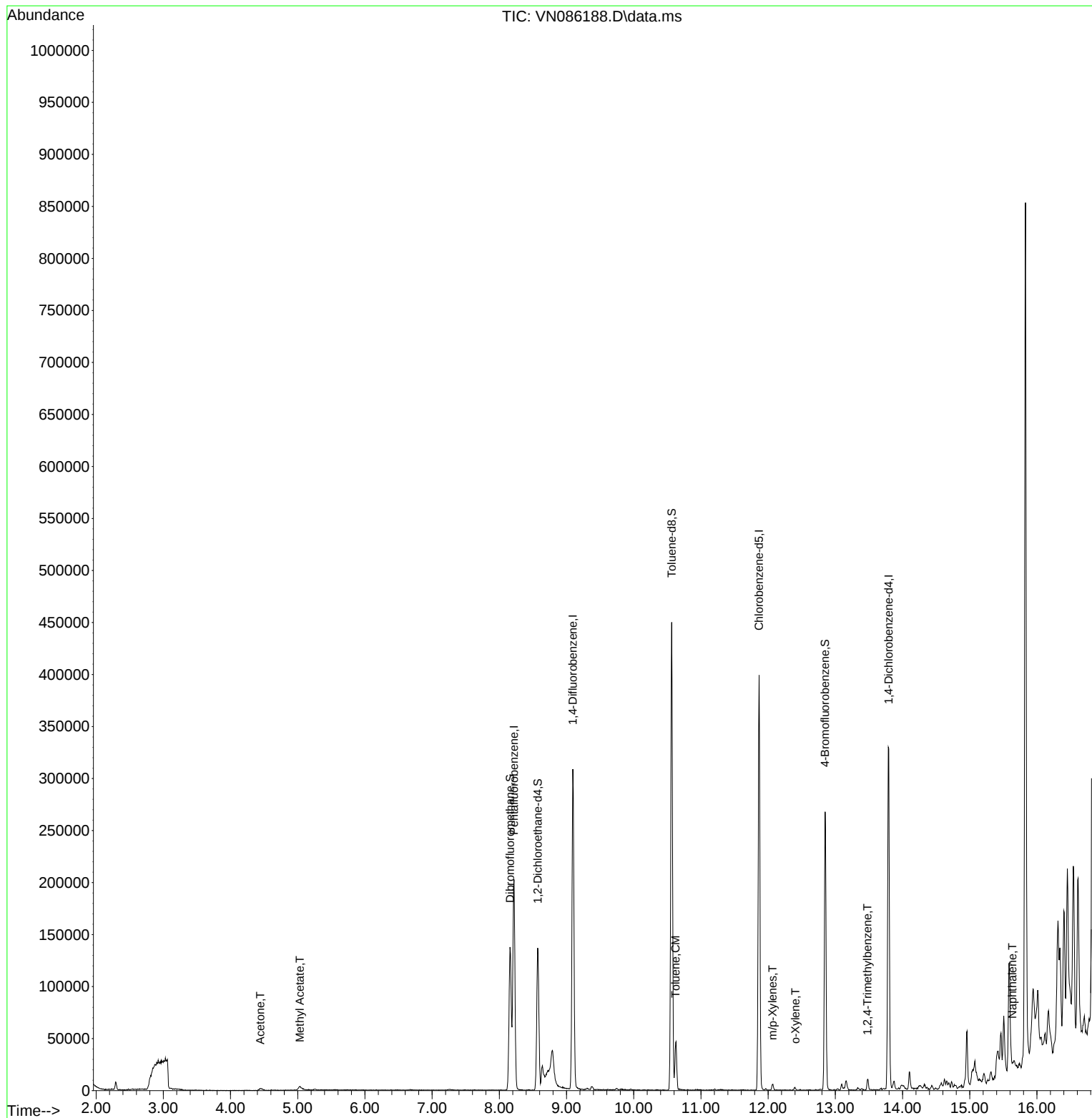
Internal Standards						
1) Pentafluorobenzene	8.218	168	146056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	265097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	236119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	96815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	112882	56.441	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.880%			
35) Dibromofluoromethane	8.159	113	98969	53.487	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.980%			
50) Toluene-d8	10.565	98	317286	47.247	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.500%			
62) 4-Bromofluorobenzene	12.847	95	93802	39.167	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 78.340%			
Target Compounds						Qvalue
16) Acetone	4.442	43	4950	8.101	ug/l #	79
18) Methyl Acetate	5.030	43	8566	5.666	ug/l #	88
52) Toluene	10.624	92	19544	4.163	ug/l	99
68) m/p-Xylenes	12.065	106	1783	0.525	ug/l	89
69) o-Xylene	12.406	106	906	0.291	ug/l	91
84) 1,2,4-Trimethylbenzene	13.476	105	6634	1.178	ug/l	91
95) Naphthalene	15.635	128	7933	1.649	ug/l #	94

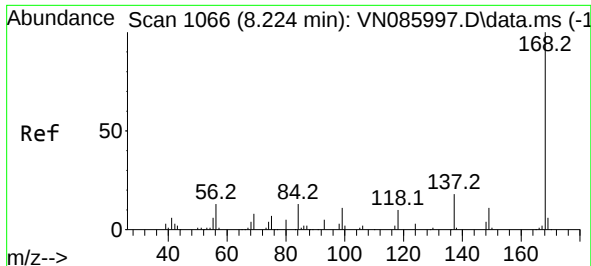
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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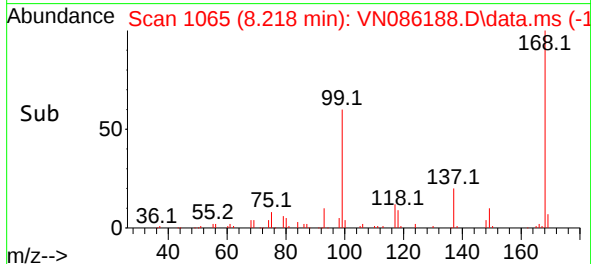
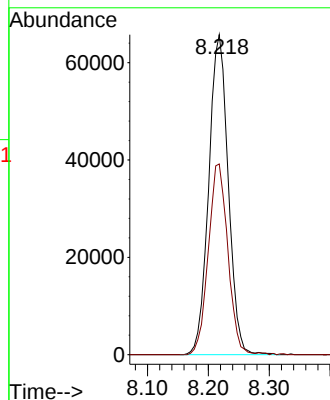
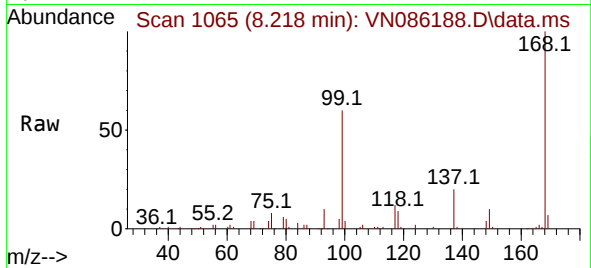




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086188.D
Acq: 31 Mar 2025 22:41

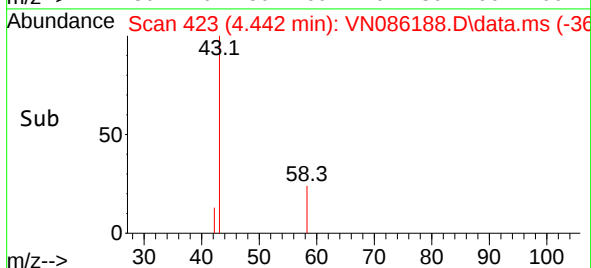
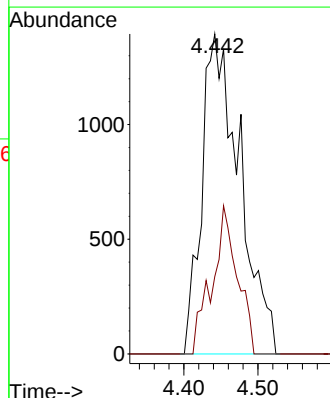
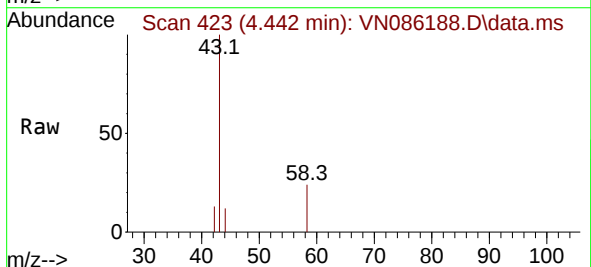
Instrument :
MSVOA_N
ClientSampleId :
12325-C

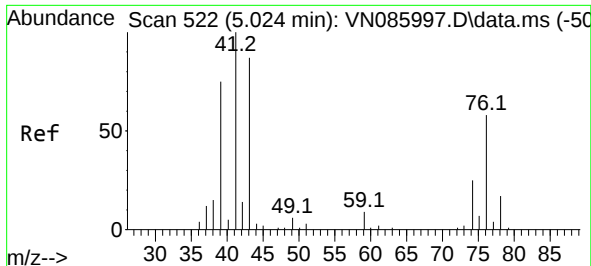
Tgt Ion:168 Resp: 146056
Ion Ratio Lower Upper
168 100
99 59.6 49.4 74.2



#16
Acetone
Concen: 8.101 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN086188.D
Acq: 31 Mar 2025 22:41

Tgt Ion: 43 Resp: 4950
Ion Ratio Lower Upper
43 100
58 24.2 29.4 44.2#

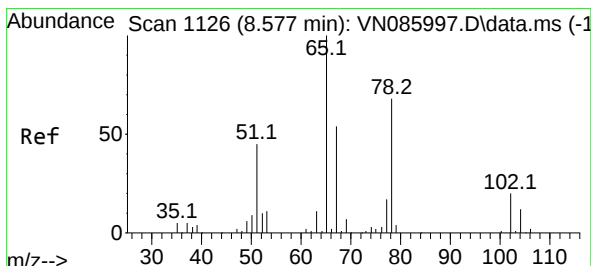
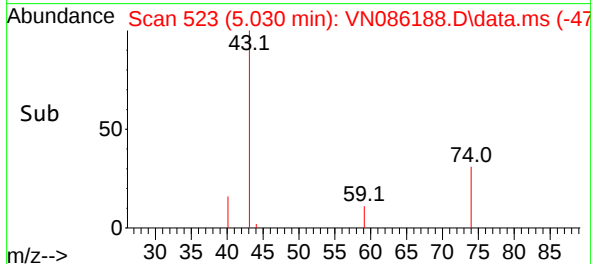
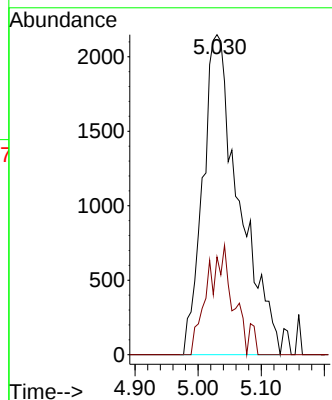
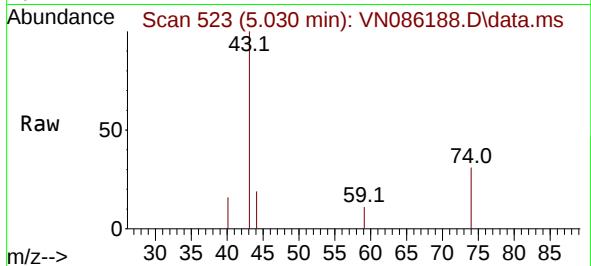




#18
Methyl Acetate
Concen: 5.666 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086188.D
Acq: 31 Mar 2025 22:41

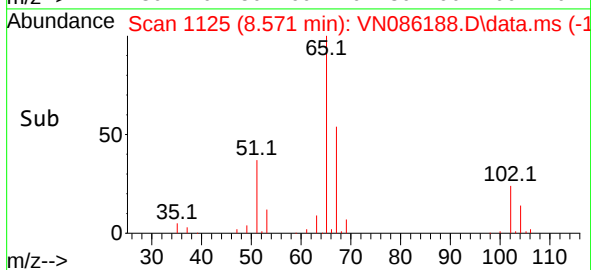
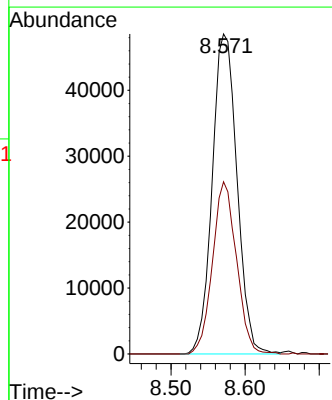
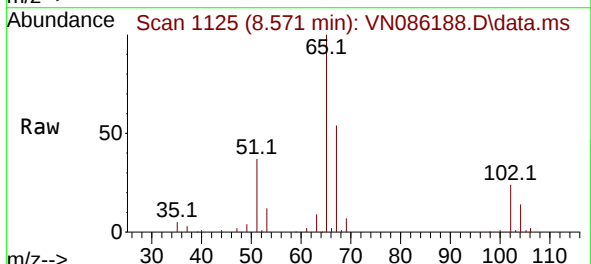
Instrument :
MSVOA_N
ClientSampleId :
12325-C

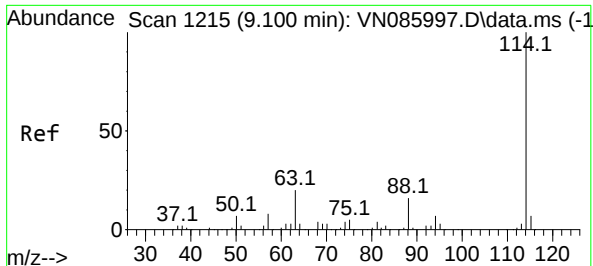
Tgt Ion: 43 Resp: 8566
Ion Ratio Lower Upper
43 100
74 23.6 23.9 35.9#



#33
1,2-Dichloroethane-d4
Concen: 56.441 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN086188.D
Acq: 31 Mar 2025 22:41

Tgt Ion: 65 Resp: 112882
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086188.D

Acq: 31 Mar 2025 22:41

Instrument :

MSVOA_N

ClientSampleId :

12325-C

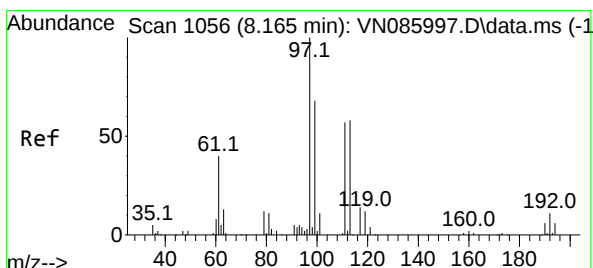
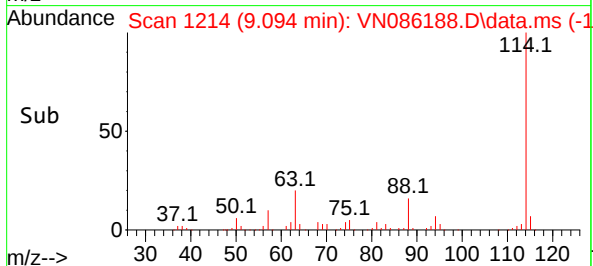
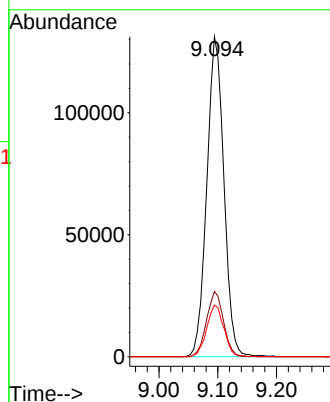
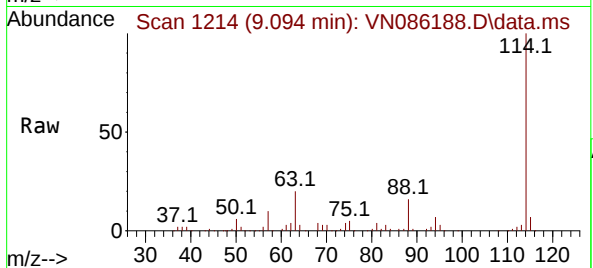
Tgt Ion:114 Resp: 265097

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.6

88 16.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.487 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086188.D

Acq: 31 Mar 2025 22:41

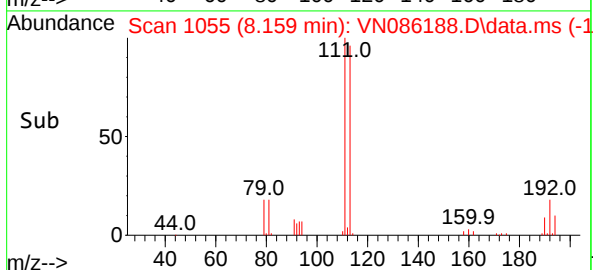
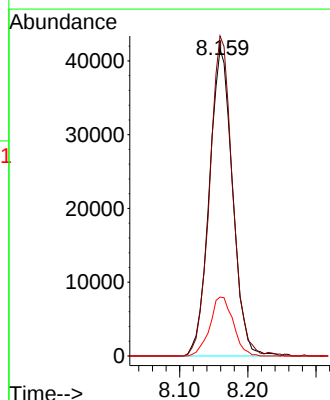
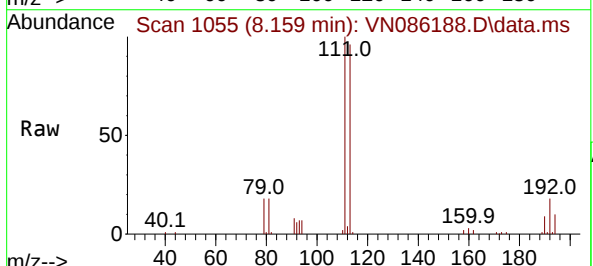
Tgt Ion:113 Resp: 98969

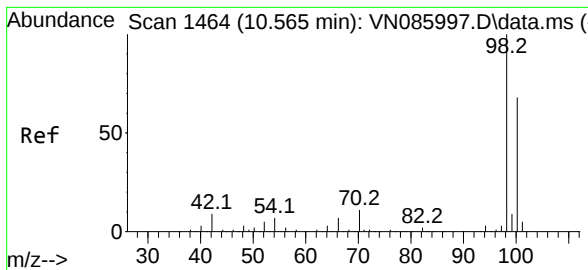
Ion Ratio Lower Upper

113 100

111 101.4 81.8 122.8

192 19.2 15.9 23.9

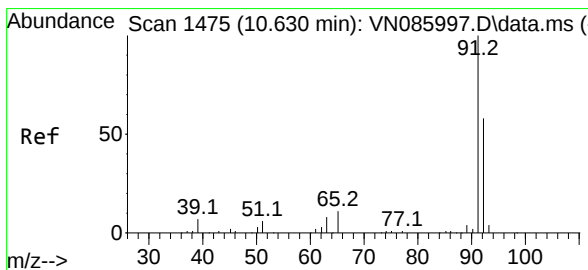
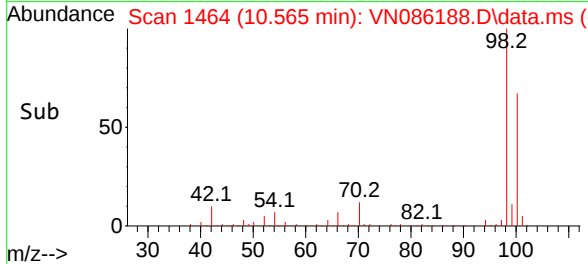
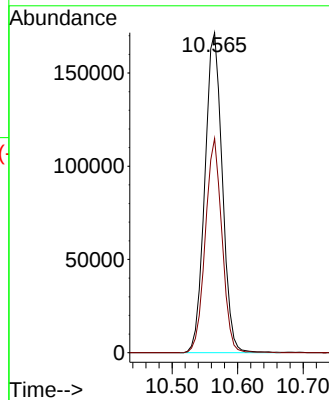
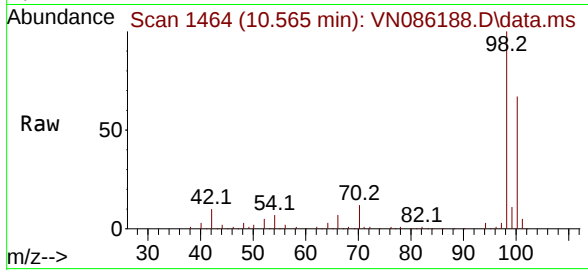




#50
Toluene-d8
Concen: 47.247 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086188.D
Acq: 31 Mar 2025 22:41

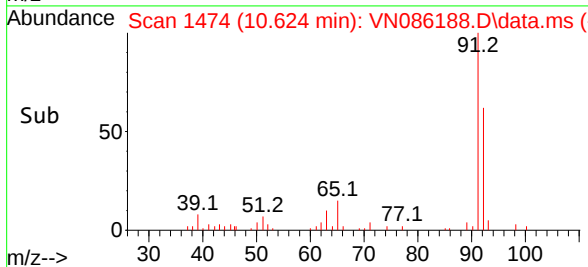
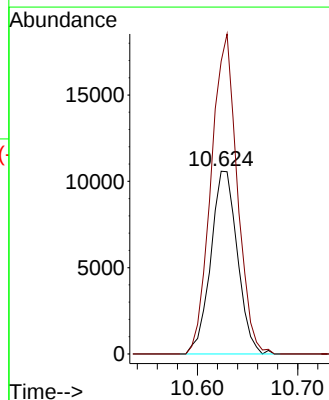
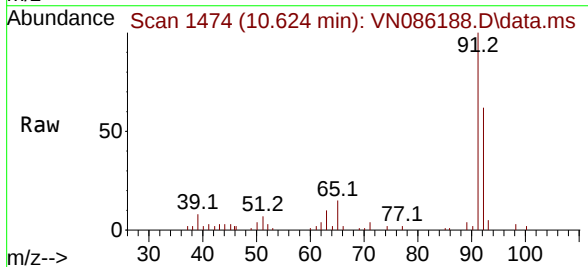
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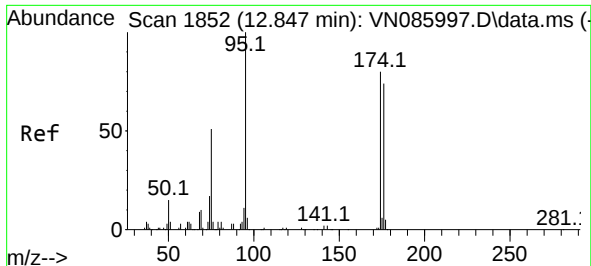
Tgt Ion: 98 Resp: 317286
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#52
Toluene
Concen: 4.163 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086188.D
Acq: 31 Mar 2025 22:41

Tgt Ion: 92 Resp: 19544
Ion Ratio Lower Upper
92 100
91 171.4 136.2 204.4

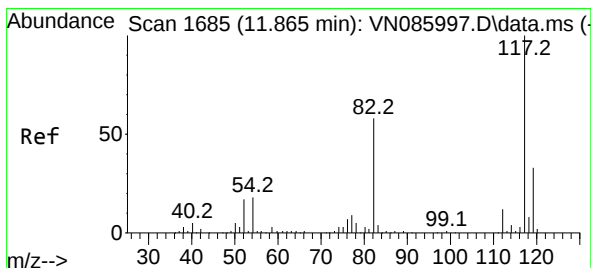
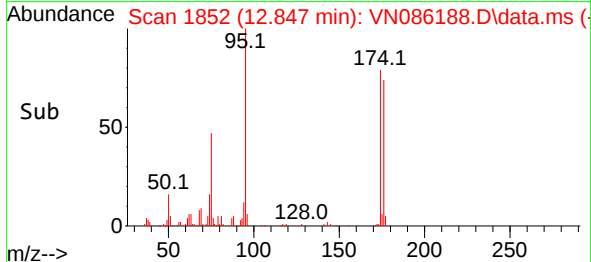
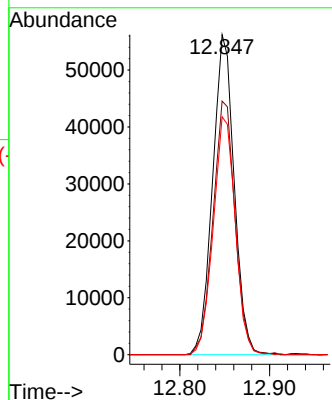
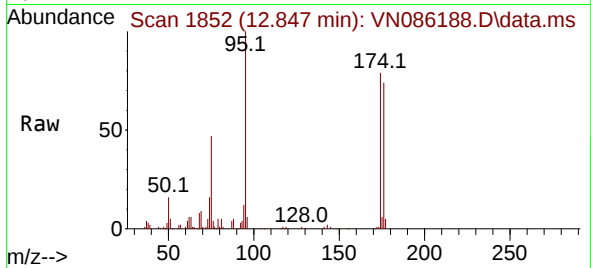




#62
4-Bromofluorobenzene
Concen: 39.167 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086188.D
Acq: 31 Mar 2025 22:41

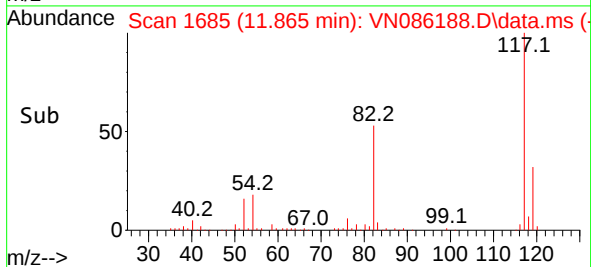
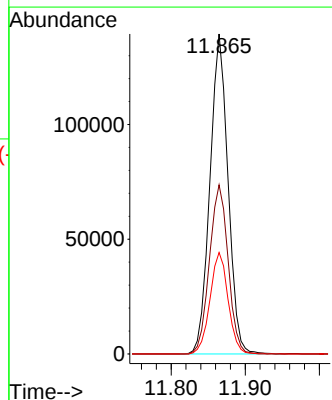
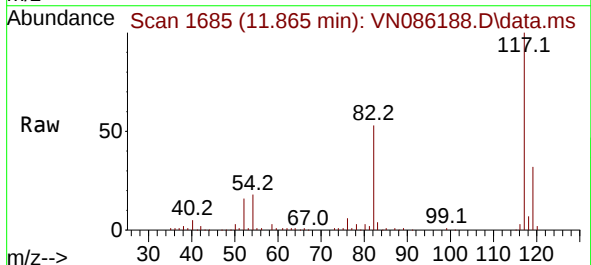
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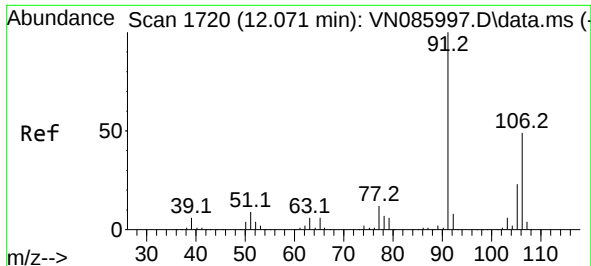
Tgt Ion: 95 Resp: 93802
Ion Ratio Lower Upper
95 100
174 81.1 0.0 156.8
176 76.0 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086188.D
Acq: 31 Mar 2025 22:41

Tgt Ion: 117 Resp: 236119
Ion Ratio Lower Upper
117 100
82 52.9 46.7 70.1
119 31.7 26.5 39.7

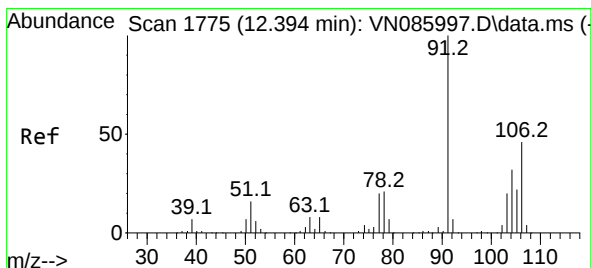
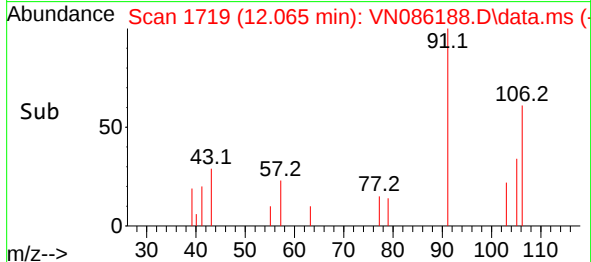
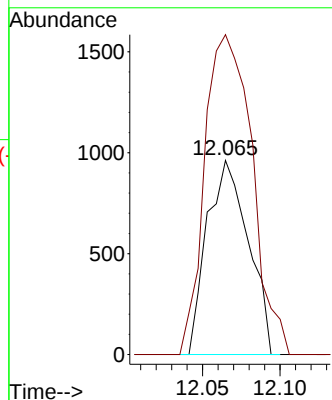
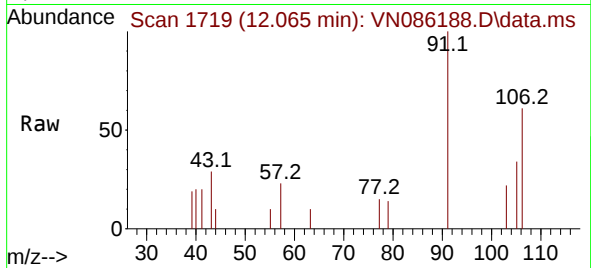




#68
m/p-Xylenes
Concen: 0.525 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN086188.D
Acq: 31 Mar 2025 22:41

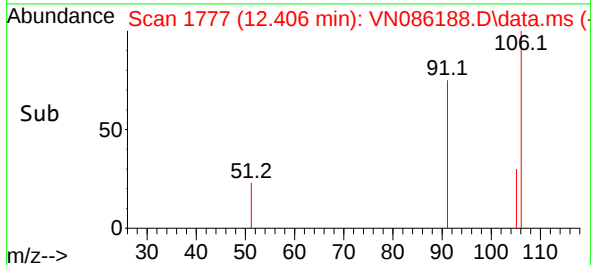
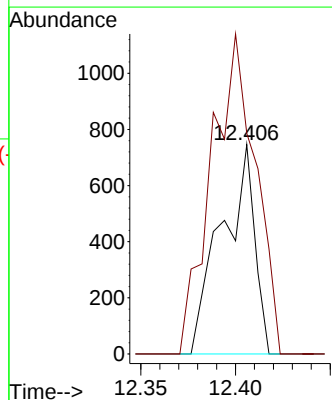
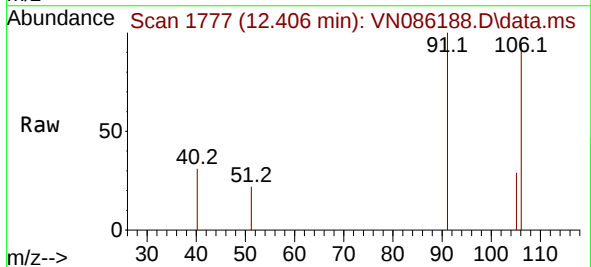
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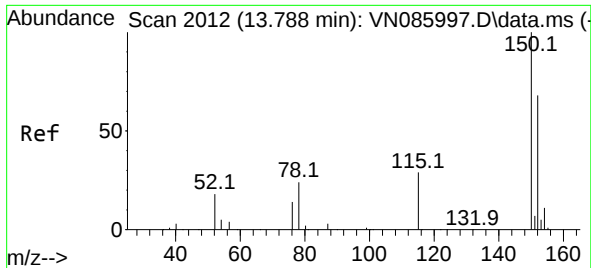
Tgt Ion:106 Resp: 1783
Ion Ratio Lower Upper
106 100
91 188.6 163.9 245.9



#69
o-Xylene
Concen: 0.291 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.012 min
Lab File: VN086188.D
Acq: 31 Mar 2025 22:41

Tgt Ion:106 Resp: 906
Ion Ratio Lower Upper
106 100
91 203.0 109.1 327.2

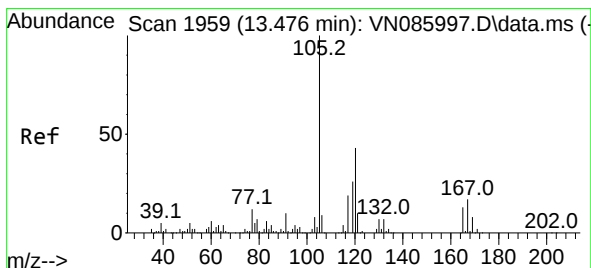
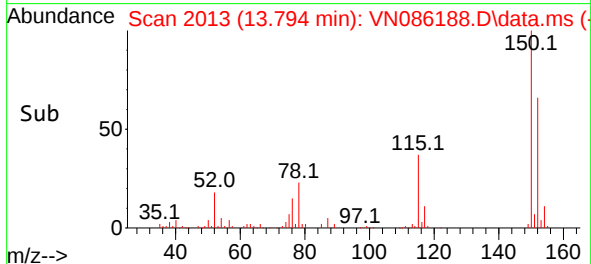
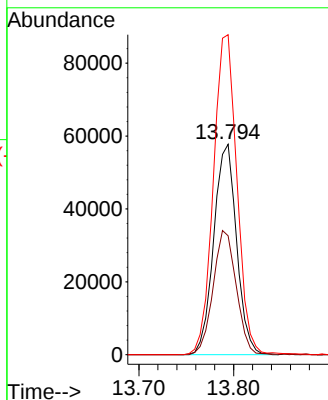
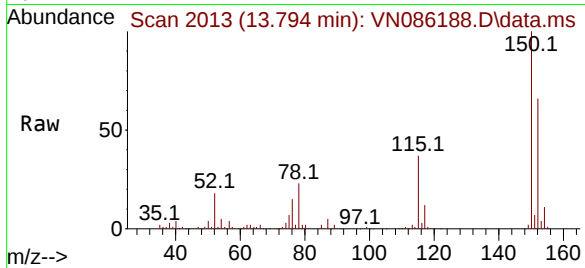




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN086188.D
 Acq: 31 Mar 2025 22:41

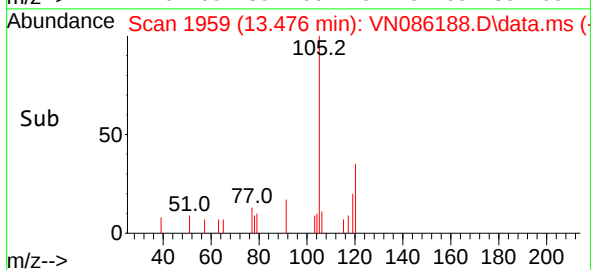
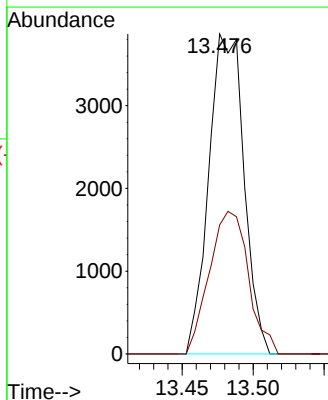
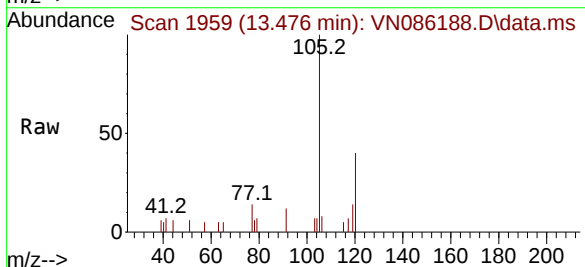
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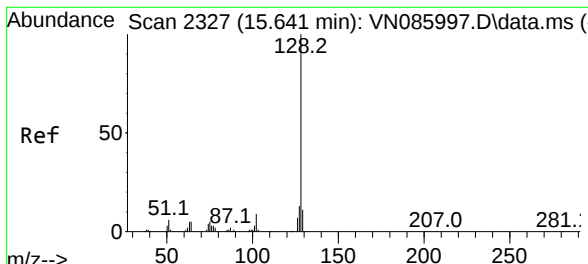
Tgt Ion:152 Resp: 96815
 Ion Ratio Lower Upper
 152 100
 115 59.6 31.1 93.2
 150 156.9 0.0 359.6



#84
 1,2,4-Trimethylbenzene
 Concen: 1.178 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VN086188.D
 Acq: 31 Mar 2025 22:41

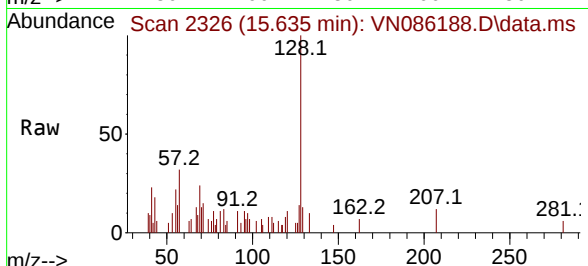
Tgt Ion:105 Resp: 6634
 Ion Ratio Lower Upper
 105 100
 120 49.6 21.9 65.8





#95
 Naphthalene
 Concen: 1.649 ug/l
 RT: 15.635 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN086188.D
 Acq: 31 Mar 2025 22:41

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:	128	Resp:	7933
Ion	Ratio	Lower	Upper
128	100		
127	16.9	10.2	15.4#
129	11.7	9.0	13.6

