

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032525\
 Data File : VN086107.D
 Acq On : 25 Mar 2025 17:52
 Operator : JC\MD
 Sample : Q1619-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Mar 26 03:23:12 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)

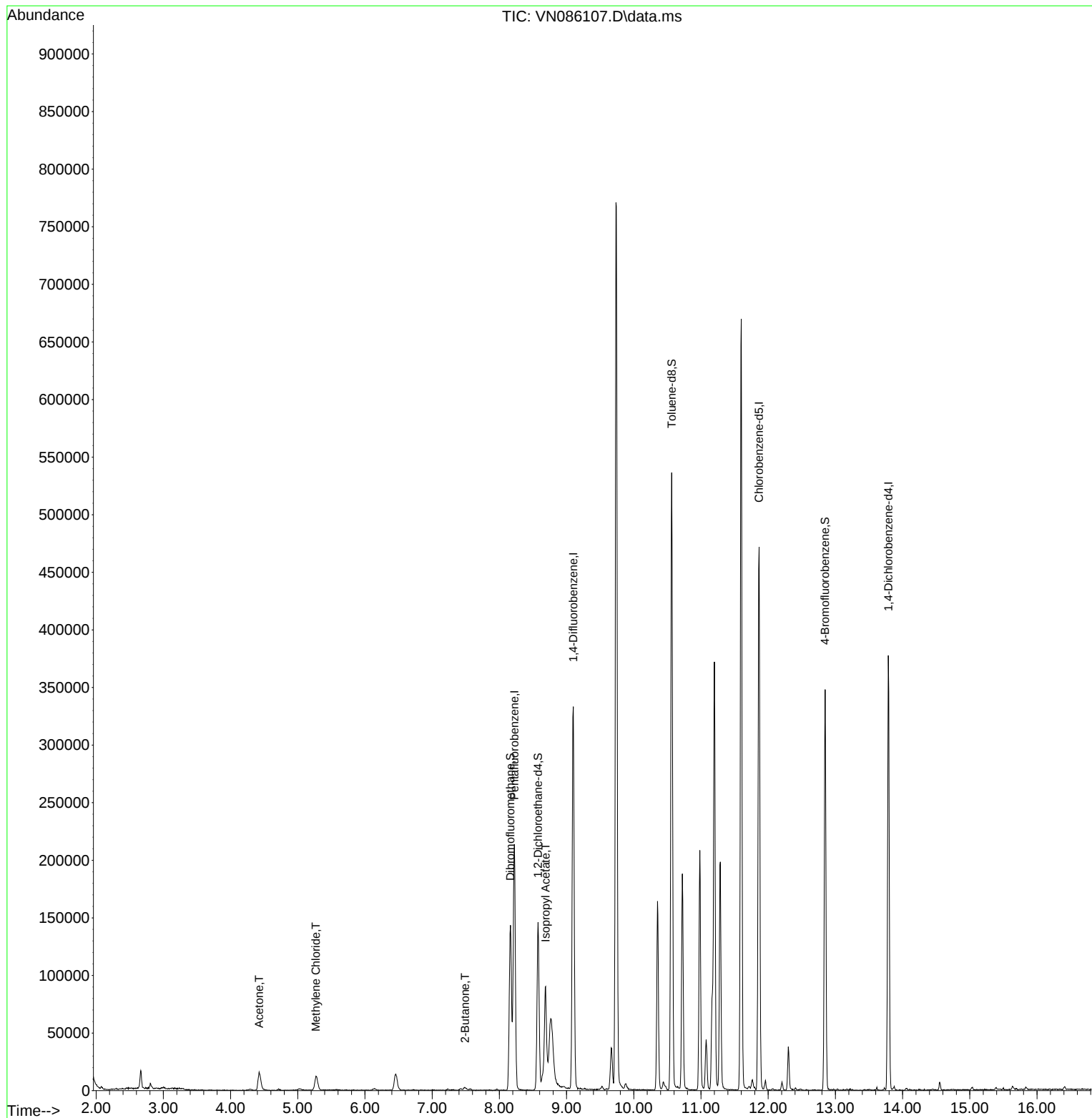
Internal Standards						
1) Pentafluorobenzene	8.224	168	152338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	298278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	284388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	104661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118414	56.765	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.540%
35) Dibromofluoromethane	8.165	113	103948	49.928	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.860%
50) Toluene-d8	10.565	98	380331	50.335	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.660%
62) 4-Bromofluorobenzene	12.847	95	122648	45.515	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.020%
Target Compounds						
						Qvalue
16) Acetone	4.424	43	29475	46.250	ug/l	94
20) Methylene Chloride	5.271	84	10707	5.743	ug/l	92
25) 2-Butanone	7.488	43	4857	5.282	ug/l #	86
43) Isopropyl Acetate	8.688	43	102483	20.449	ug/l #	82

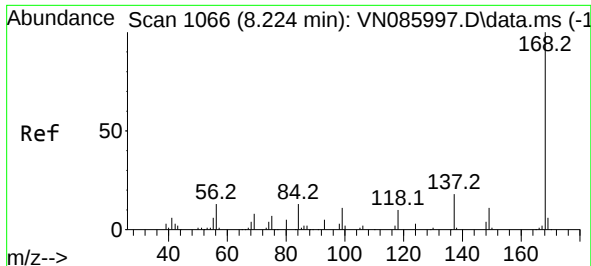
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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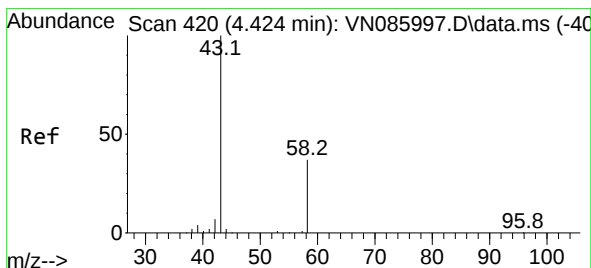
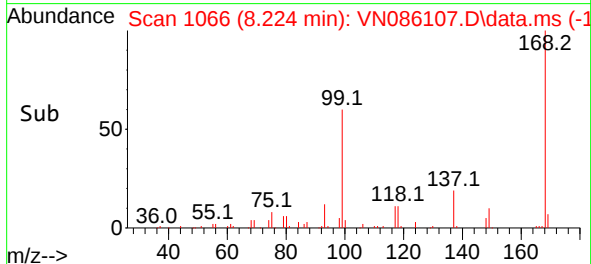
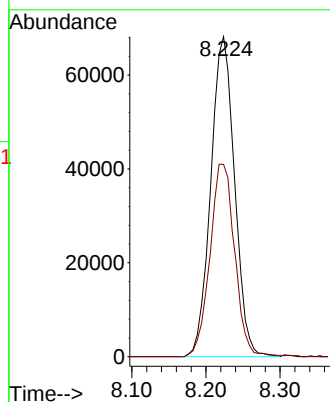
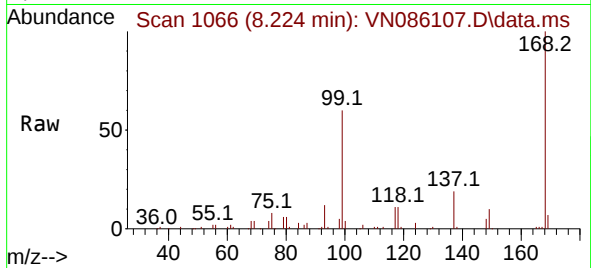




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086107.D
Acq: 25 Mar 2025 17:52

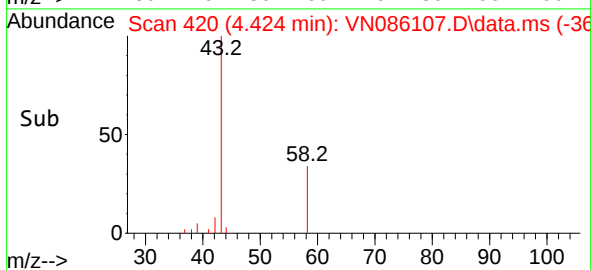
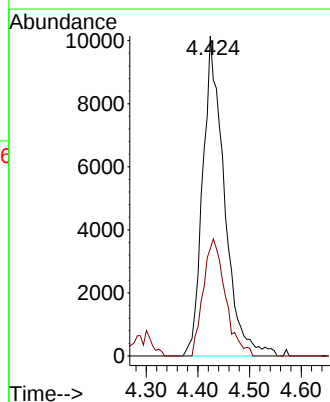
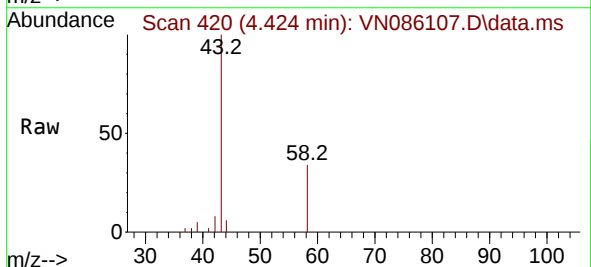
Instrument :
MSVOA_N
ClientSampleId :
TP-2

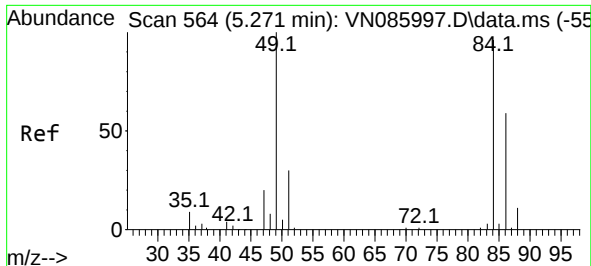
Tgt Ion:168 Resp: 152338
Ion Ratio Lower Upper
168 100
99 60.1 49.4 74.2



#16
Acetone
Concen: 46.250 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086107.D
Acq: 25 Mar 2025 17:52

Tgt Ion: 43 Resp: 29475
Ion Ratio Lower Upper
43 100
58 33.5 29.4 44.2



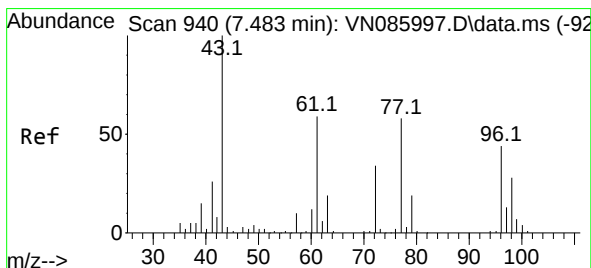
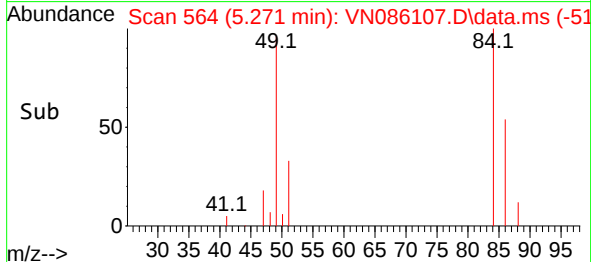
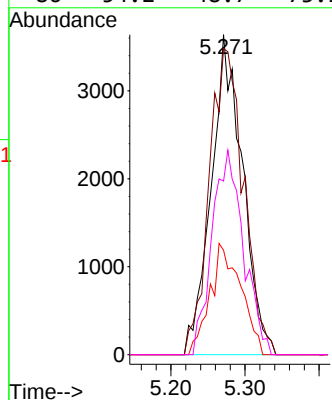
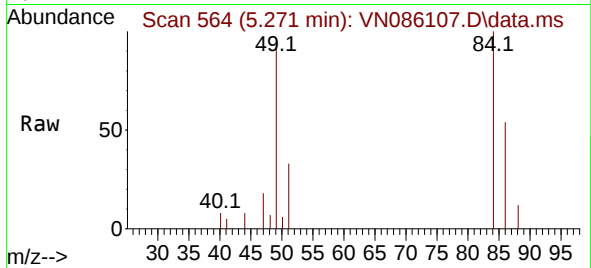


#20
Methylene Chloride
Concen: 5.743 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN086107.D
Acq: 25 Mar 2025 17:52

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 84 Resp: 10707

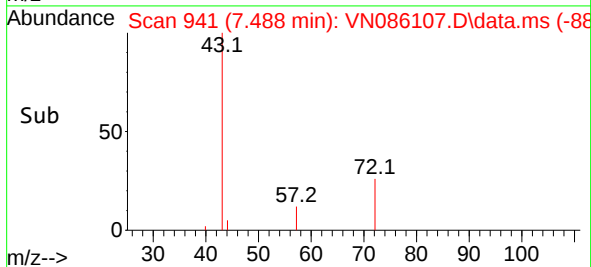
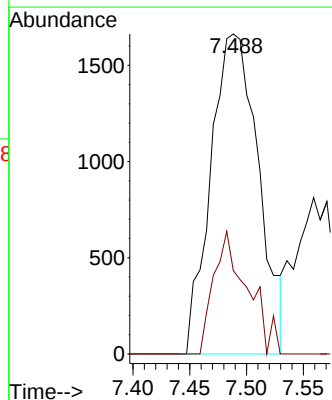
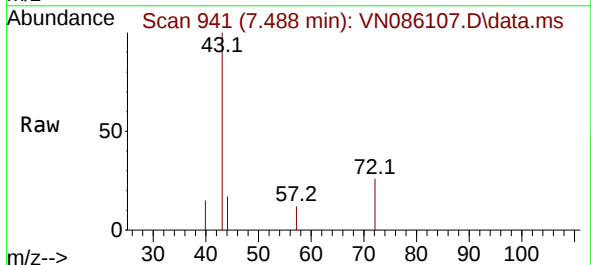
Ion	Ratio	Lower	Upper
84	100		
49	95.7	83.3	124.9
51	32.7	24.8	37.2
86	54.2	48.7	73.1

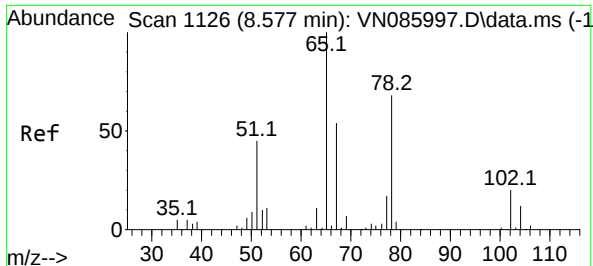


#25
2-Butanone
Concen: 5.282 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086107.D
Acq: 25 Mar 2025 17:52

Tgt Ion: 43 Resp: 4857

Ion	Ratio	Lower	Upper
43	100		
72	26.0	27.4	41.0#





#33

1,2-Dichloroethane-d4

Concen: 56.765 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086107.D

Acq: 25 Mar 2025 17:52

Instrument :

MSVOA_N

ClientSampleId :

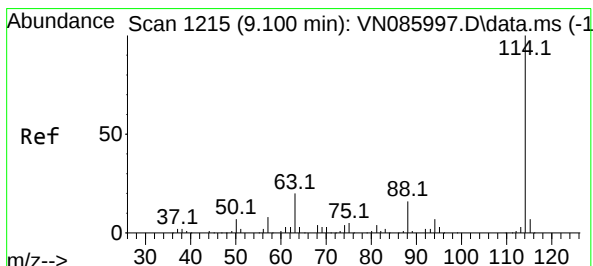
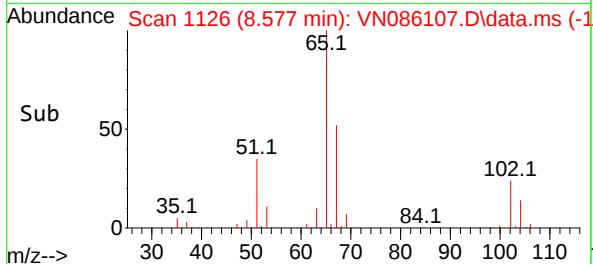
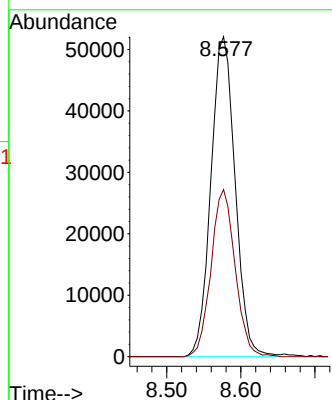
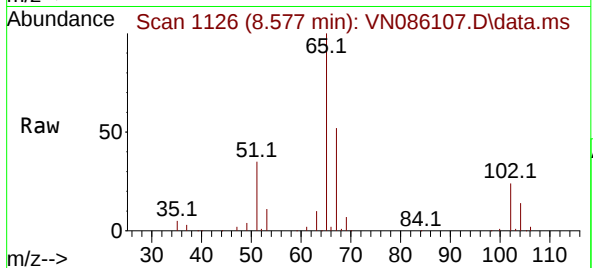
TP-2

Tgt Ion: 65 Resp: 118414

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086107.D

Acq: 25 Mar 2025 17:52

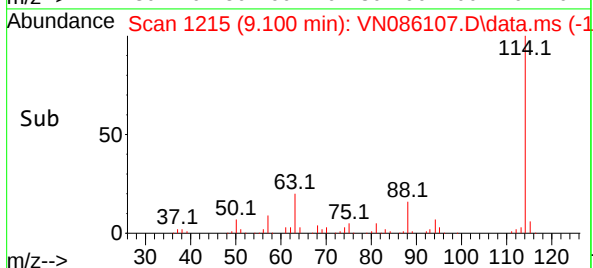
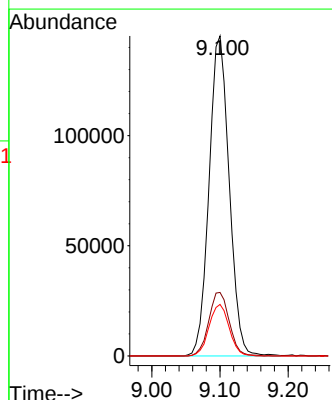
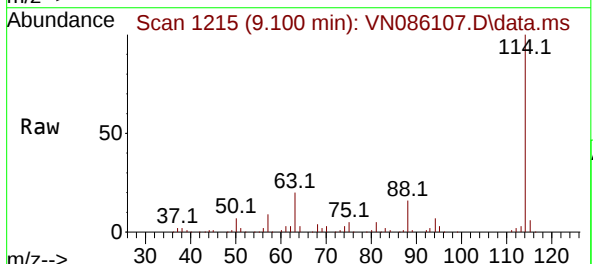
Tgt Ion: 114 Resp: 298278

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 16.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.928 ug/l

RT: 8.165 min Scan# 110

Delta R.T. -0.000 min

Lab File: VN086107.D

Acq: 25 Mar 2025 17:52

Instrument :

MSVOA_N

ClientSampleId :

TP-2

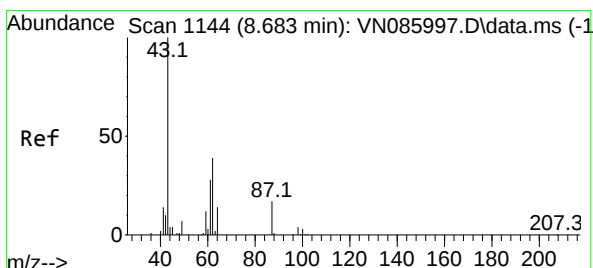
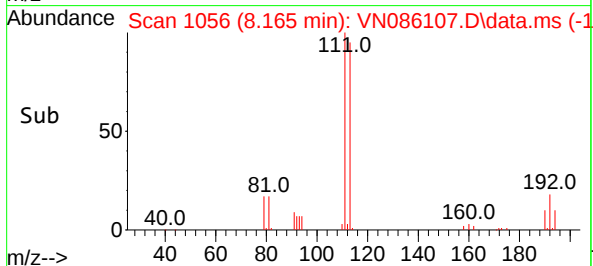
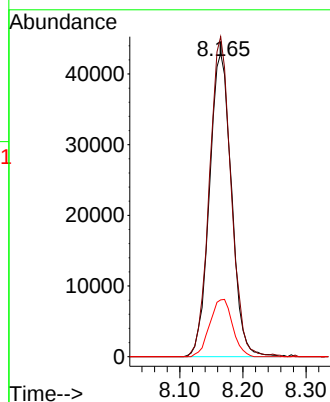
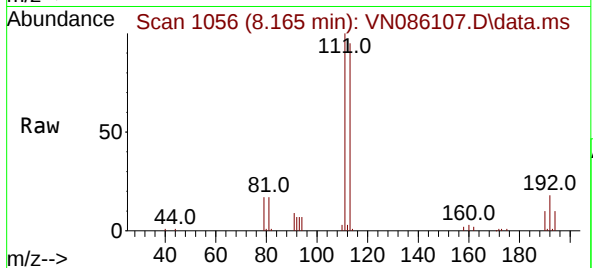
Tgt Ion:113 Resp: 103948

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.8

192 19.5 15.9 23.9



#43

Isopropyl Acetate

Concen: 20.449 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN086107.D

Acq: 25 Mar 2025 17:52

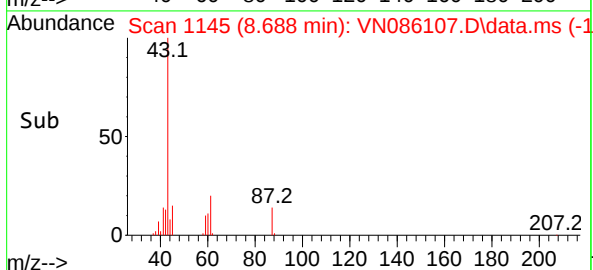
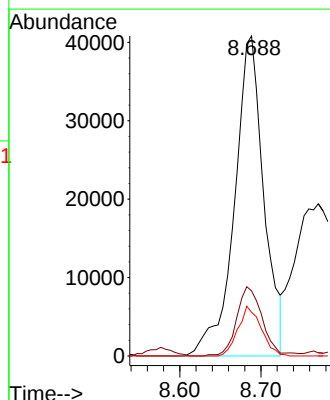
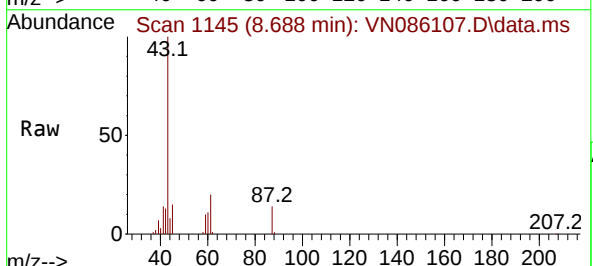
Tgt Ion: 43 Resp: 102483

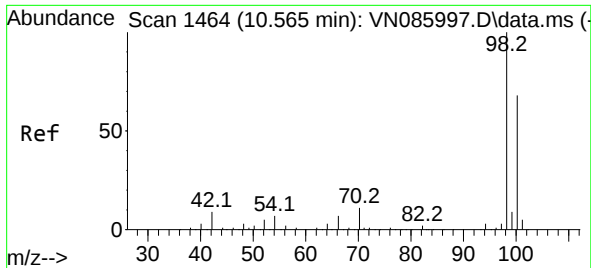
Ion Ratio Lower Upper

43 100

61 18.6 25.0 37.6#

87 12.2 13.0 19.4#

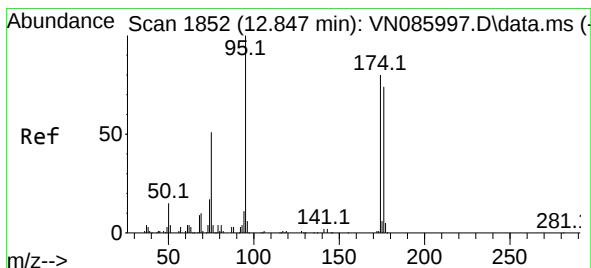
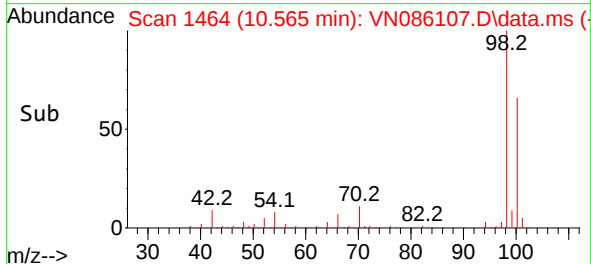
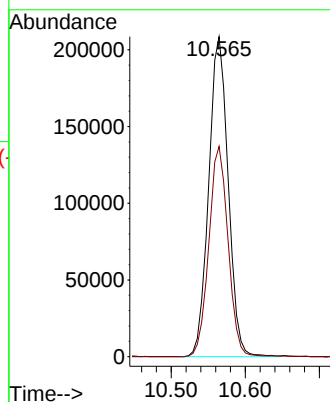
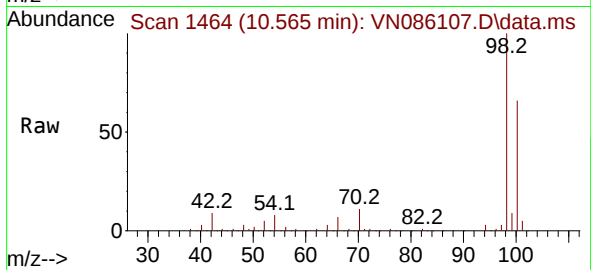




#50
Toluene-d8
Concen: 50.335 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086107.D
Acq: 25 Mar 2025 17:52

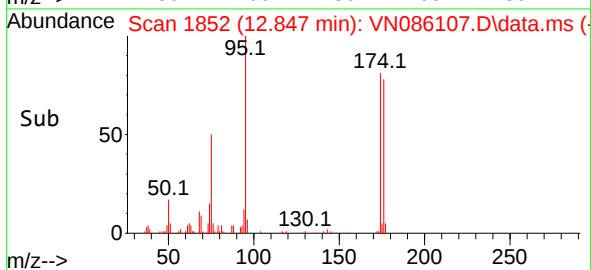
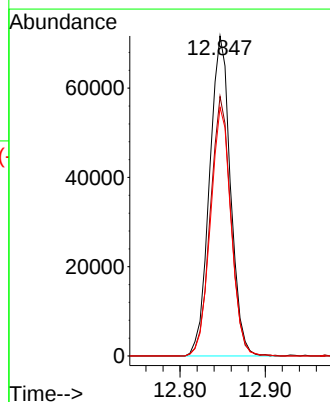
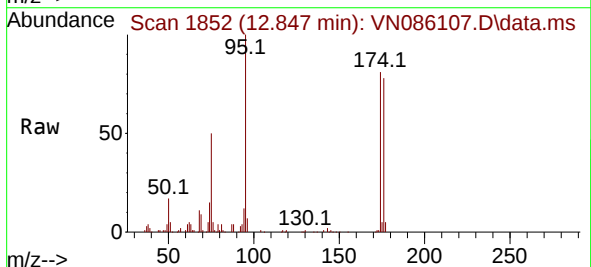
Instrument :
MSVOA_N
ClientSampleId :
TP-2

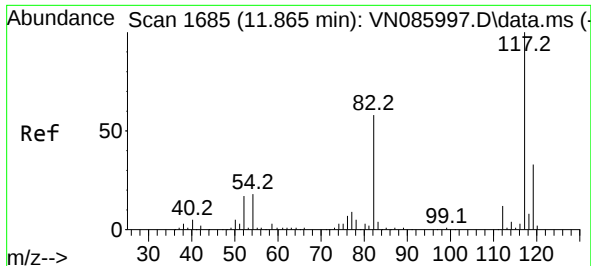
Tgt Ion: 98 Resp: 380331
Ion Ratio Lower Upper
98 100
100 65.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.515 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086107.D
Acq: 25 Mar 2025 17:52

Tgt Ion: 95 Resp: 122648
Ion Ratio Lower Upper
95 100
174 79.2 0.0 156.8
176 76.3 0.0 152.2

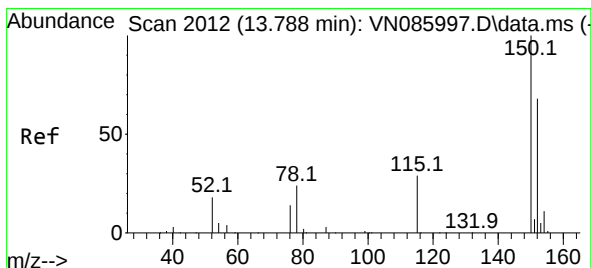
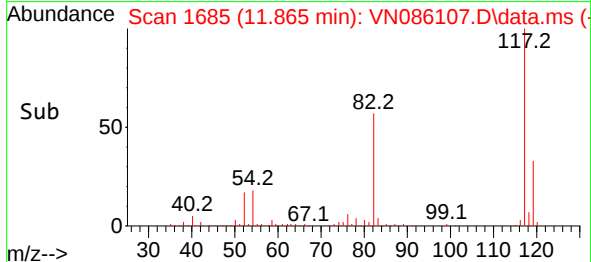
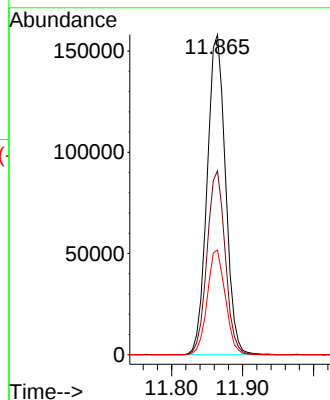
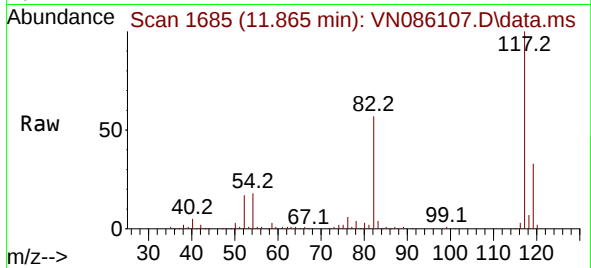




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086107.D
Acq: 25 Mar 2025 17:52

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:117 Resp: 284388
Ion Ratio Lower Upper
117 100
82 57.5 46.7 70.1
119 32.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086107.D
Acq: 25 Mar 2025 17:52

Tgt Ion:152 Resp: 104661
Ion Ratio Lower Upper
152 100
115 63.3 31.1 93.2
150 159.9 0.0 359.6

