

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032825\
 Data File : VN086145.D
 Acq On : 28 Mar 2025 13:05
 Operator : JC\MD
 Sample : Q1648-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Quant Time: Mar 28 13:43:03 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)

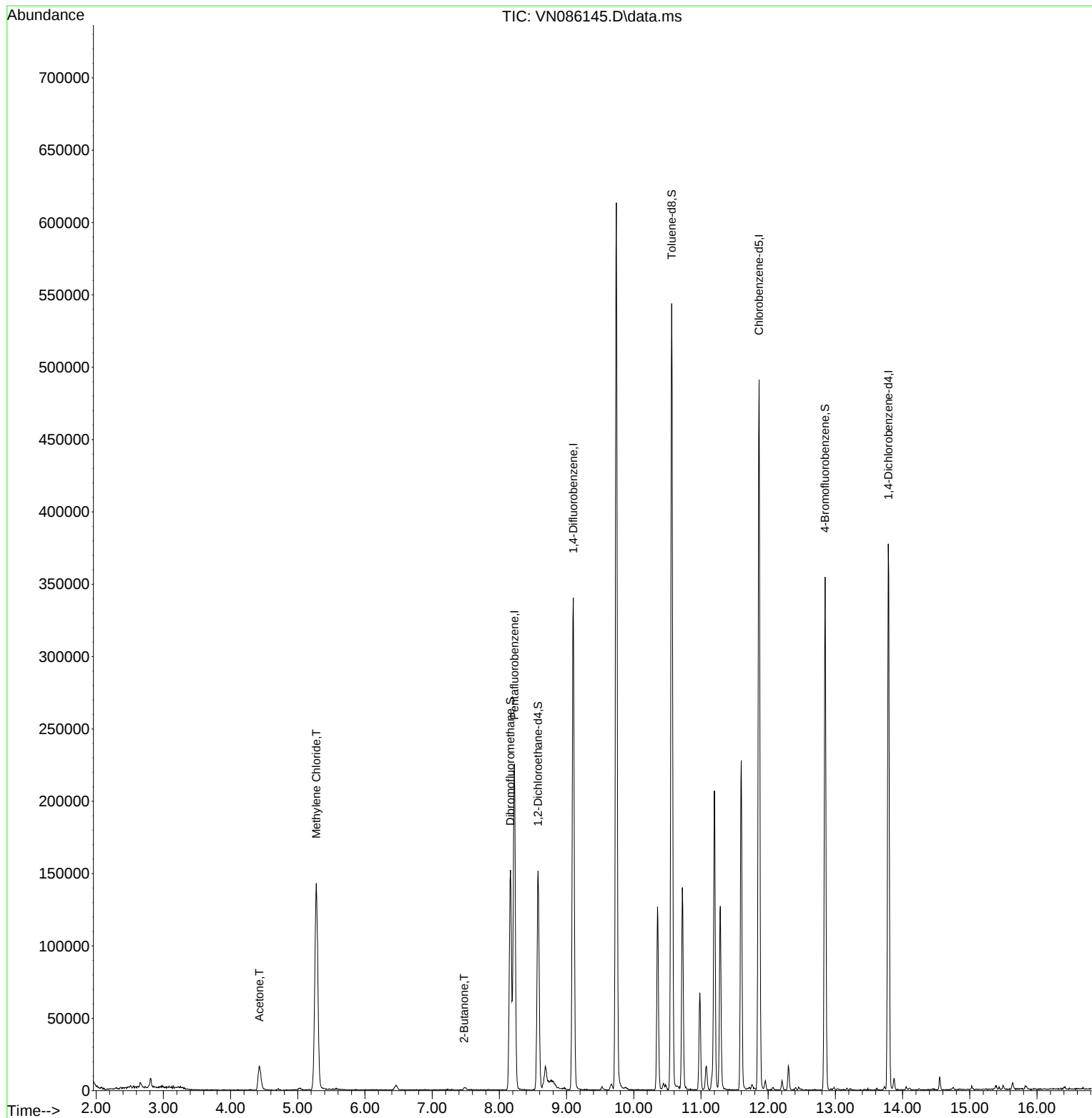
Internal Standards						
1) Pentafluorobenzene	8.224	168	164964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	300946	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	288770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124009	54.898	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.800%		
35) Dibromofluoromethane	8.165	113	111513	53.087	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 106.180%		
50) Toluene-d8	10.565	98	394000	51.682	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.360%		
62) 4-Bromofluorobenzene	12.847	95	122586	45.088	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 90.180%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	31974	46.331	ug/l	99
20) Methylene Chloride	5.277	84	118871	58.879	ug/l	92
25) 2-Butanone	7.477	43	2938	2.950	ug/l	91

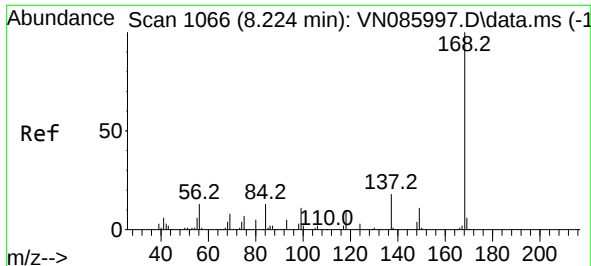
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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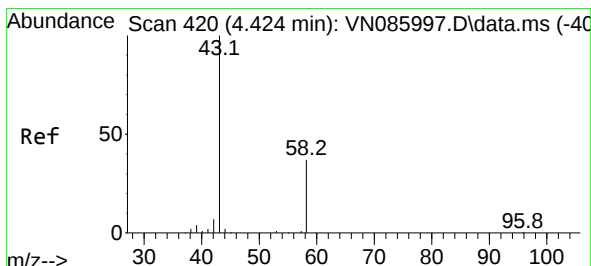
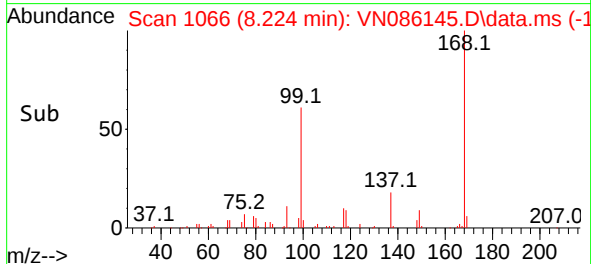
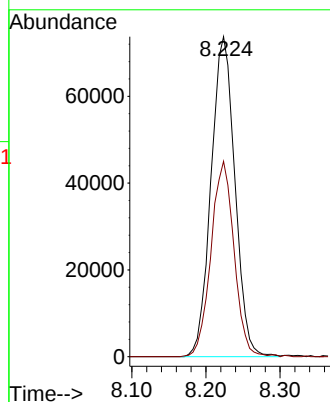
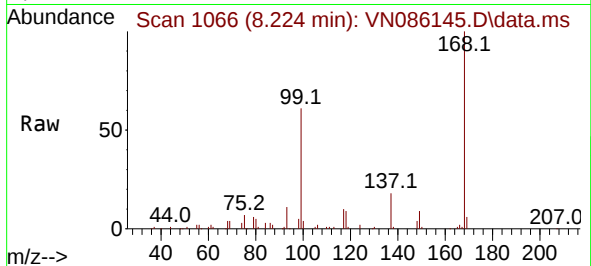




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086145.D
Acq: 28 Mar 2025 13:05

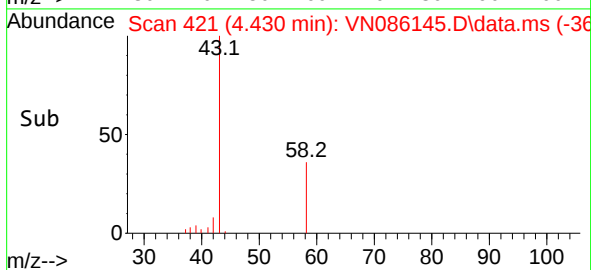
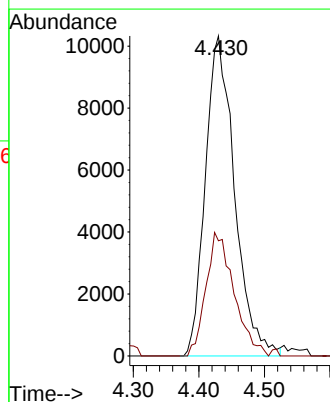
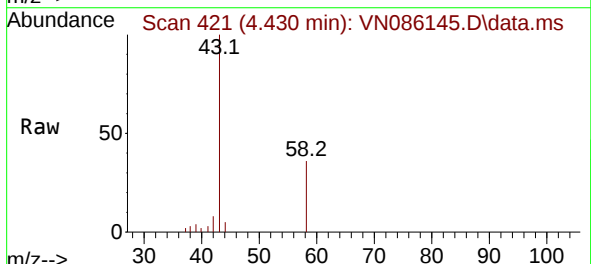
Instrument :
MSVOA_N
ClientSampleId :
TP-4

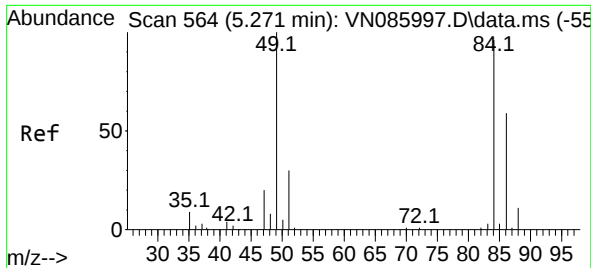
Tgt Ion:168 Resp: 164964
Ion Ratio Lower Upper
168 100
99 61.1 49.4 74.2



#16
Acetone
Concen: 46.331 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086145.D
Acq: 28 Mar 2025 13:05

Tgt Ion: 43 Resp: 31974
Ion Ratio Lower Upper
43 100
58 36.0 29.4 44.2



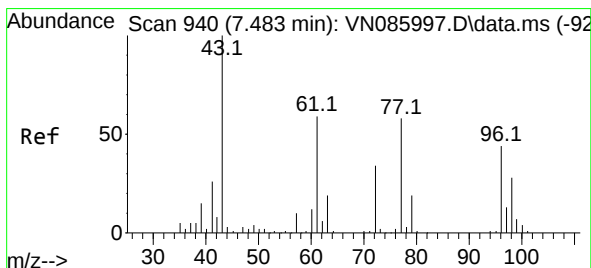
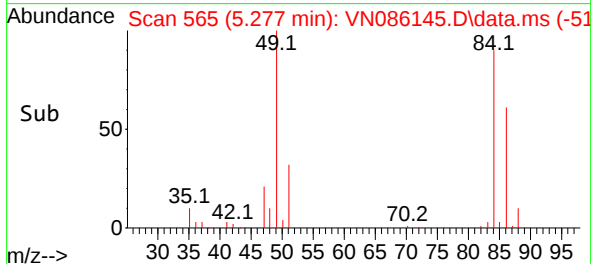
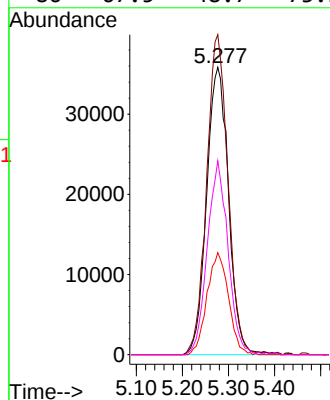
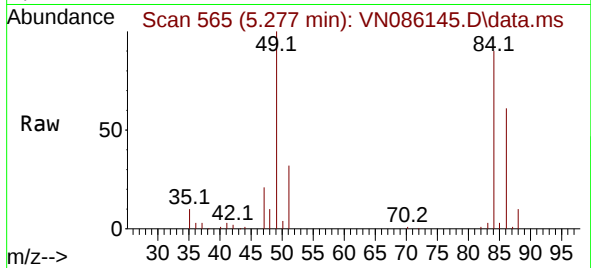


#20
Methylene Chloride
Concen: 58.879 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086145.D
Acq: 28 Mar 2025 13:05

Instrument :
MSVOA_N
ClientSampleId :
TP-4

Tgt Ion: 84 Resp: 118871

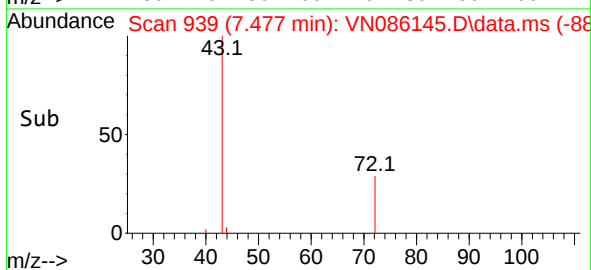
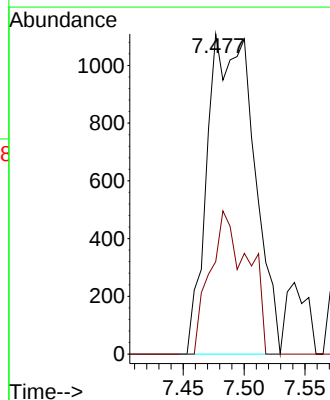
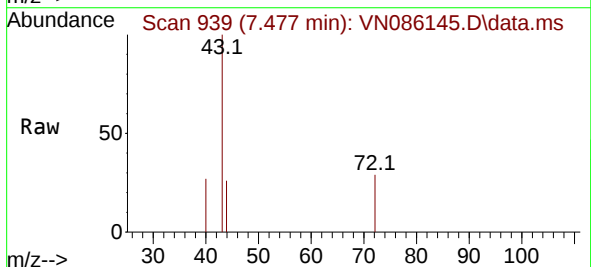
Ion	Ratio	Lower	Upper
84	100		
49	111.4	83.3	124.9
51	35.5	24.8	37.2
86	67.5	48.7	73.1

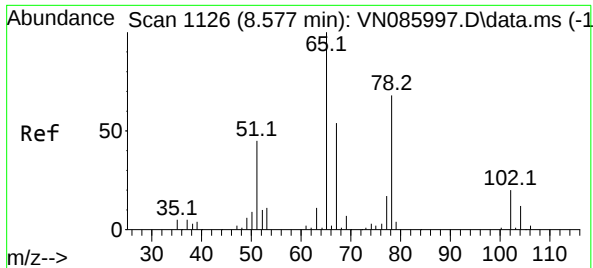


#25
2-Butanone
Concen: 2.950 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN086145.D
Acq: 28 Mar 2025 13:05

Tgt Ion: 43 Resp: 2938

Ion	Ratio	Lower	Upper
43	100		
72	28.9	27.4	41.0





#33

1,2-Dichloroethane-d4

Concen: 54.898 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086145.D

Acq: 28 Mar 2025 13:05

Instrument :

MSVOA_N

ClientSampleId :

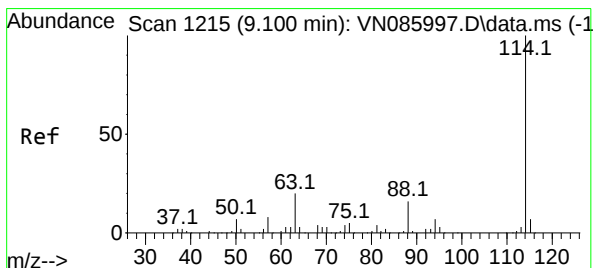
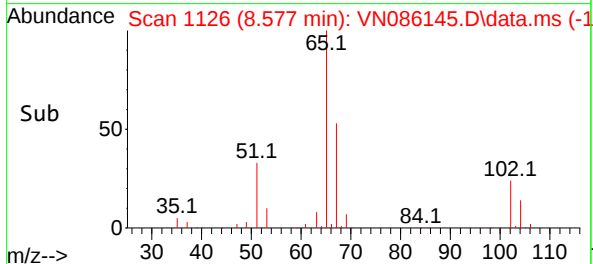
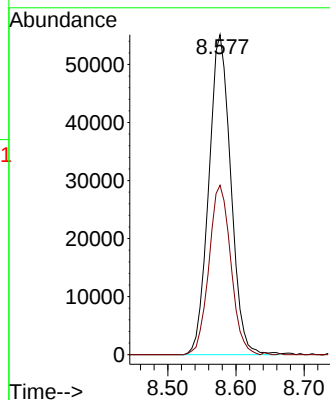
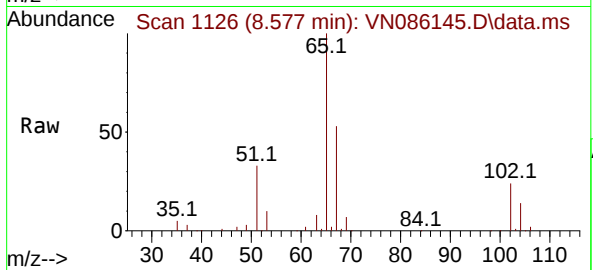
TP-4

Tgt Ion: 65 Resp: 124009

Ion Ratio Lower Upper

65 100

67 52.5 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: VN086145.D

Acq: 28 Mar 2025 13:05

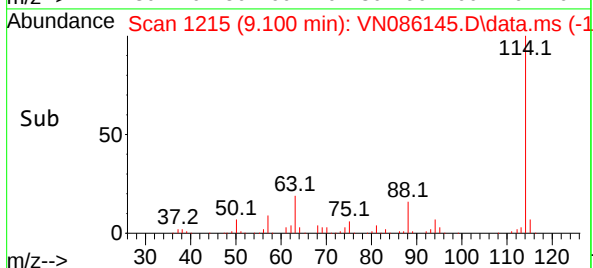
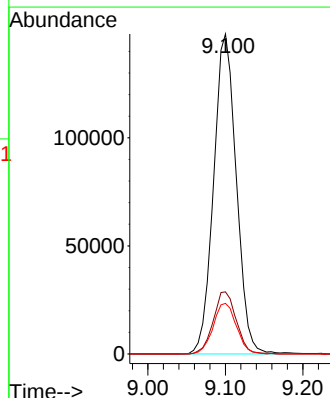
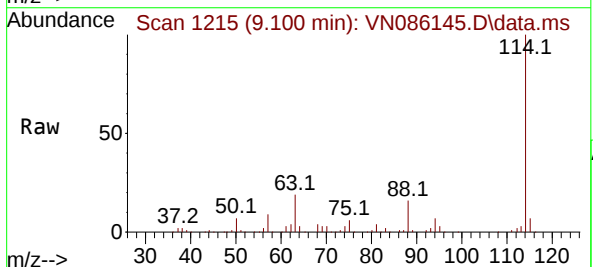
Tgt Ion: 114 Resp: 300946

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.087 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086145.D

Acq: 28 Mar 2025 13:05

Instrument :

MSVOA_N

ClientSampleId :

TP-4

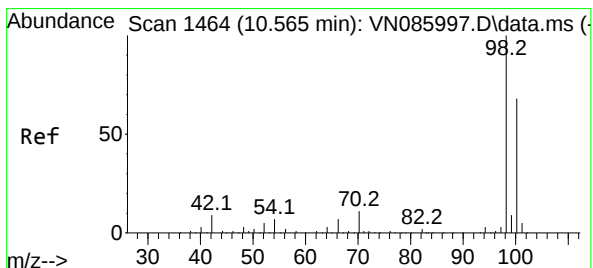
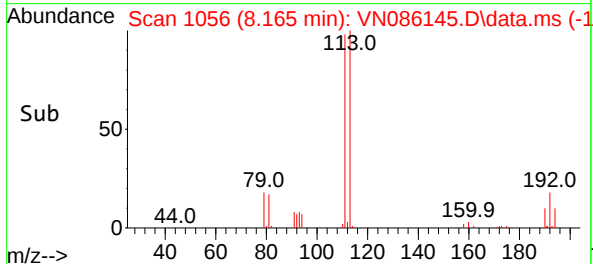
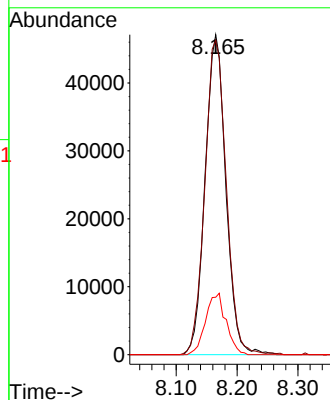
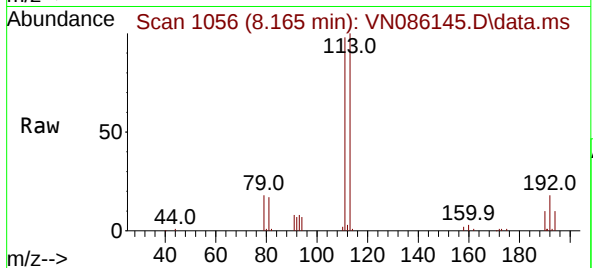
Tgt Ion:113 Resp: 111513

Ion Ratio Lower Upper

113 100

111 101.4 81.8 122.8

192 18.9 15.9 23.9



#50

Toluene-d8

Concen: 51.682 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086145.D

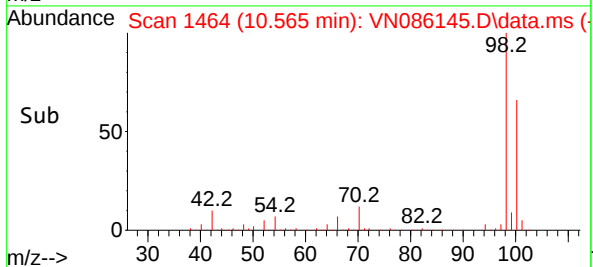
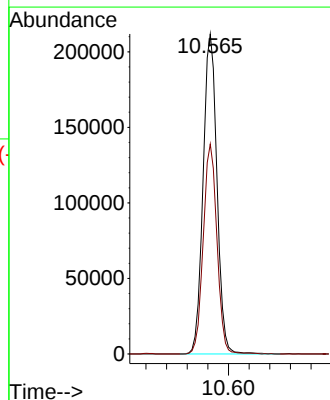
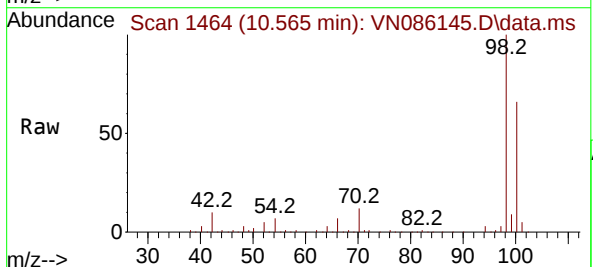
Acq: 28 Mar 2025 13:05

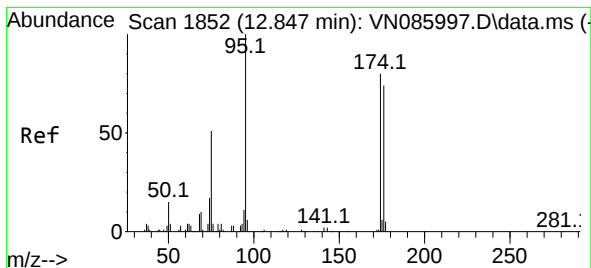
Tgt Ion: 98 Resp: 394000

Ion Ratio Lower Upper

98 100

100 64.8 53.1 79.7

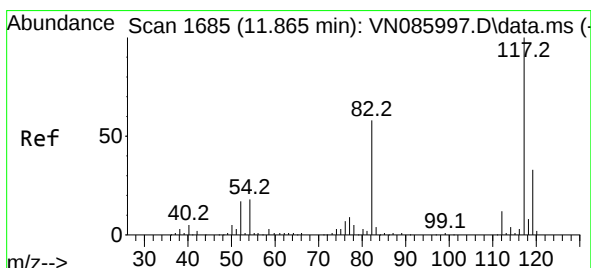
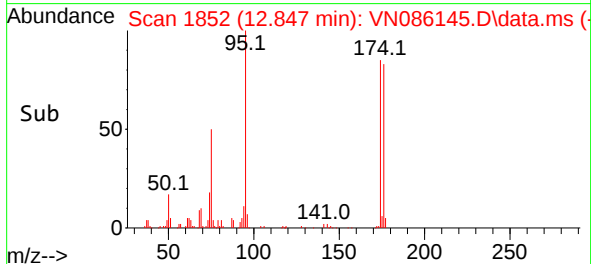
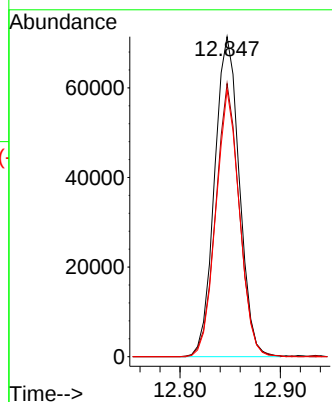
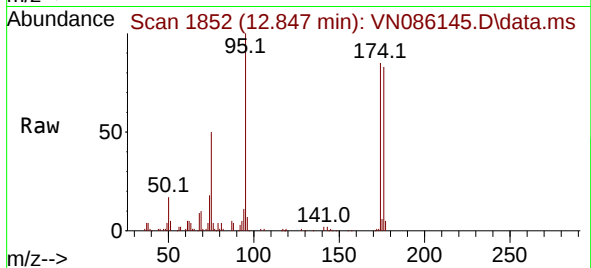




#62
4-Bromofluorobenzene
Concen: 45.088 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086145.D
Acq: 28 Mar 2025 13:05

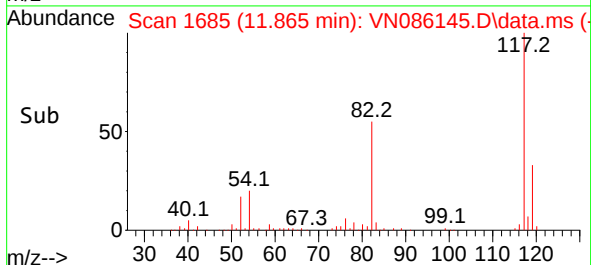
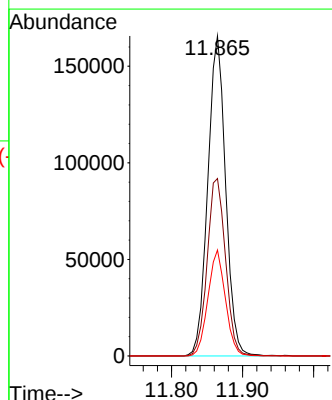
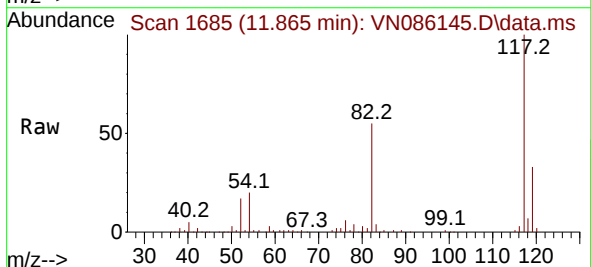
Instrument :
MSVOA_N
ClientSampleId :
TP-4

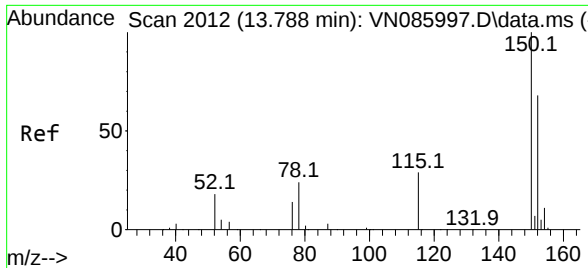
Tgt Ion: 95 Resp: 122586
Ion Ratio Lower Upper
95 100
174 81.5 0.0 156.8
176 79.1 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086145.D
Acq: 28 Mar 2025 13:05

Tgt Ion: 117 Resp: 288770
Ion Ratio Lower Upper
117 100
82 55.5 46.7 70.1
119 33.1 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086145.D
 Acq: 28 Mar 2025 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Tgt Ion:152	Resp:	110657
Ion Ratio	Lower	Upper
152	100	
115	59.0	31.1 93.2
150	158.6	0.0 359.6

