Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
Data File : VN087059.D
Acq On : 17 Jun 2025 15:04
Operator : JC\MD
Sample : Q2312-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Quant Time: Jun 18 01:49:08 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	8.229	168	209320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	420116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	383973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	178960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	149127	53.211	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.420%			
35) Dibromofluoromethane	8.171	113	127798	51.331	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.660%			
50) Toluene-d8	10.570	98	520900	52.851	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.700%			
62) 4-Bromofluorobenzene	12.847	95	185671	50.704	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.400%			
Target Compounds						Qvalue
16) Acetone	4.447	43	35373	23.801	ug/l	95
18) Methyl Acetate	5.047	43	24744	5.713	ug/l	100
20) Methylene Chloride	5.306	84	22898	8.229	ug/l	93
37) Ethyl Acetate	7.571	43	17245	3.652	ug/l	97
43) Isopropyl Acetate	8.694	43	11145	1.470	ug/l	95

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

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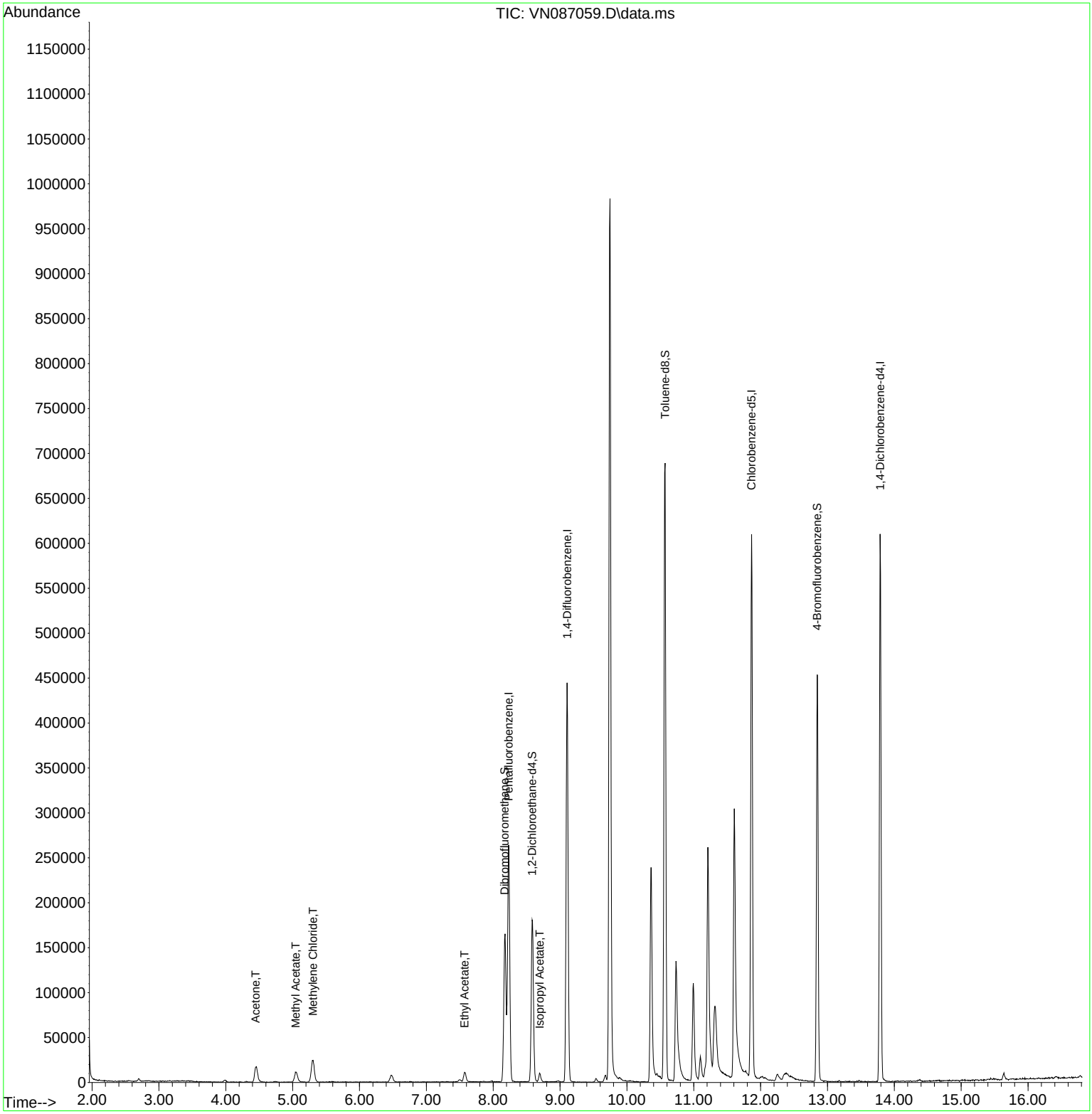
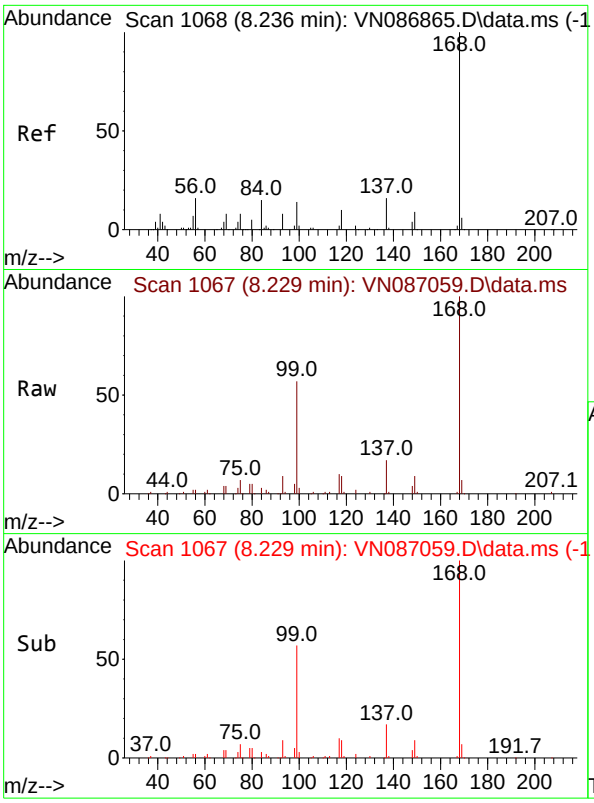


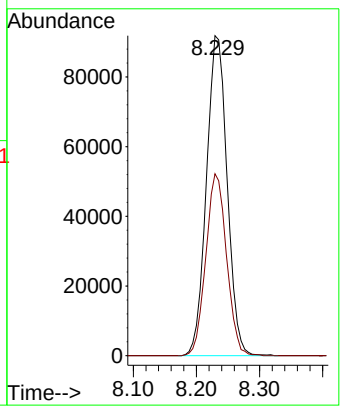


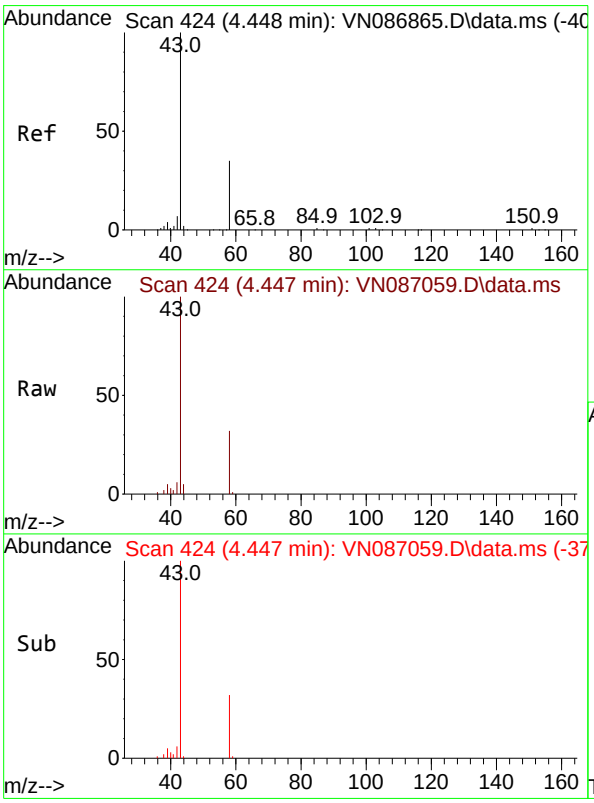
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1
Delta R.T. -0.007 min
Lab File: VN087059.D
Acq: 17 Jun 2025 15:04

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion:168 Resp: 209320

Ion	Ratio	Lower	Upper
168	100		
99	56.9	49.1	73.7

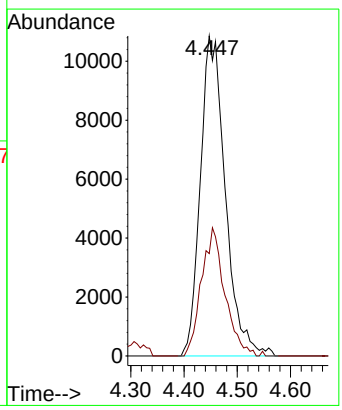


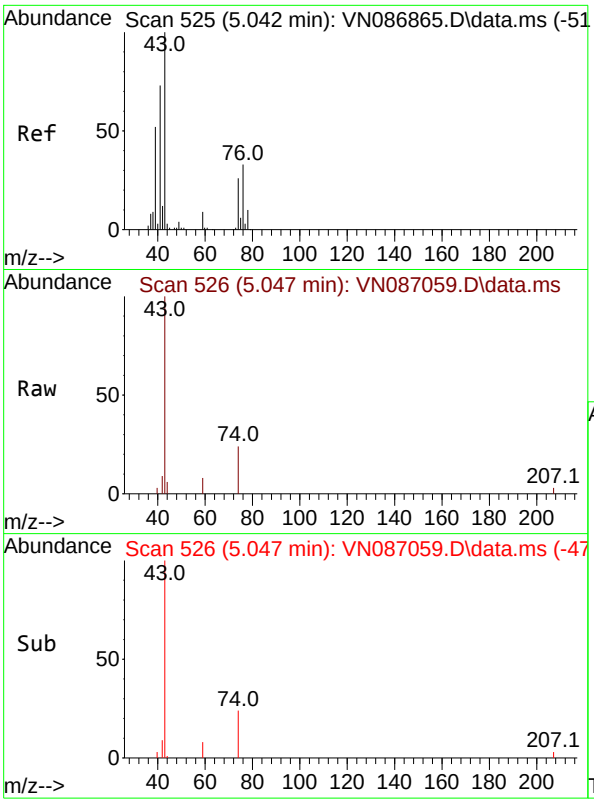


#16
Acetone
Concen: 23.801 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087059.D
Acq: 17 Jun 2025 15:04

Tgt Ion: 43 Resp: 35373

Ion	Ratio	Lower	Upper
43	100		
58	32.0	28.0	42.0



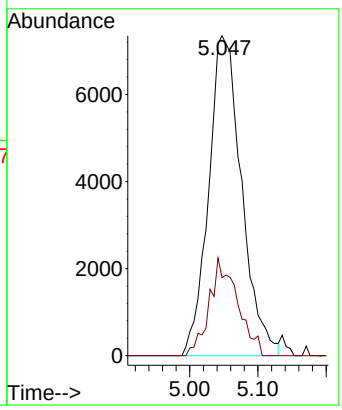


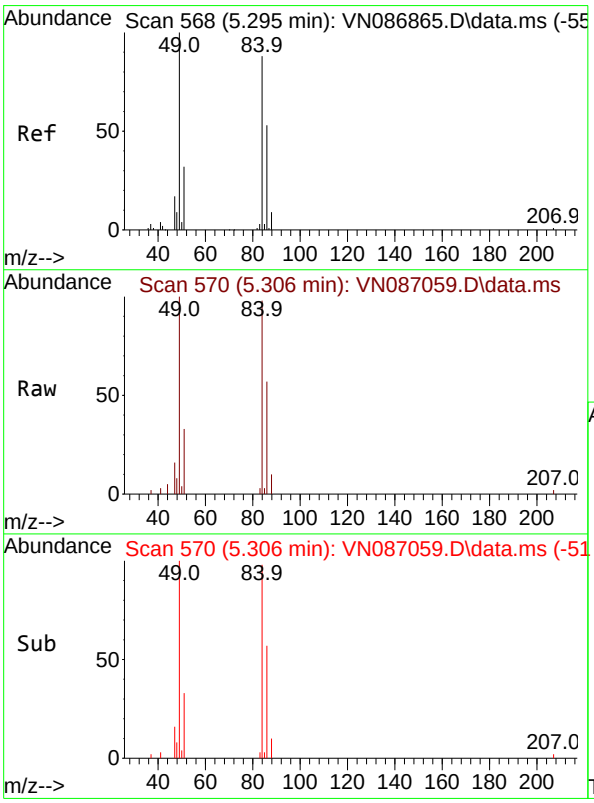
#18
Methyl Acetate
Concen: 5.713 ug/l
RT: 5.047 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN087059.D
Acq: 17 Jun 2025 15:04

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion: 43 Resp: 24744

Ion	Ratio	Lower	Upper
43	100		
74	26.1	20.7	31.1

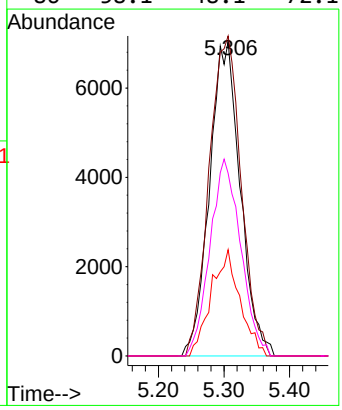


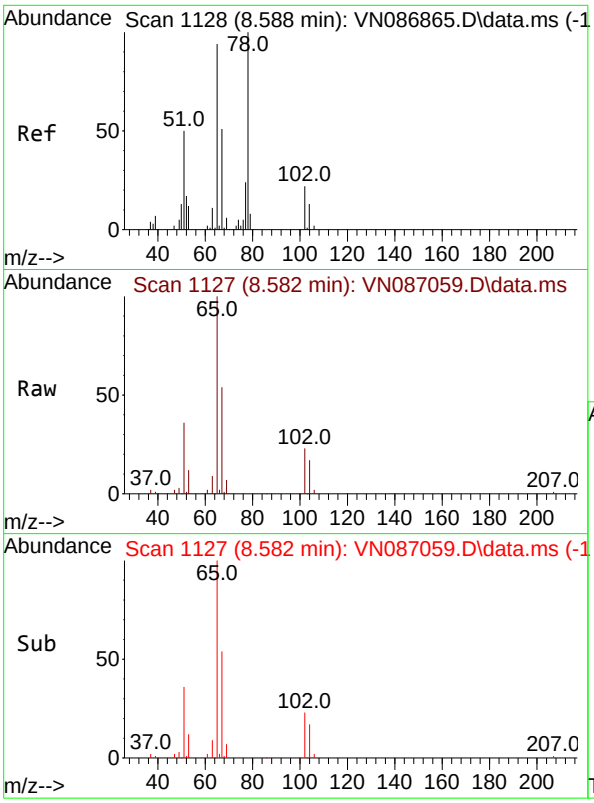


#20
Methylene Chloride
Concen: 8.229 ug/l
RT: 5.306 min Scan# 570
Delta R.T. 0.011 min
Lab File: VN087059.D
Acq: 17 Jun 2025 15:04

Tgt Ion: 84 Resp: 22898

Ion	Ratio	Lower	Upper
84	100		
49	101.8	90.5	135.7
51	33.8	28.5	42.7
86	58.1	48.1	72.1



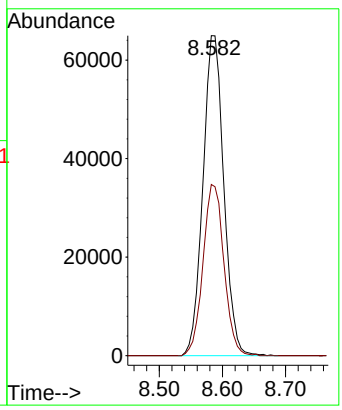


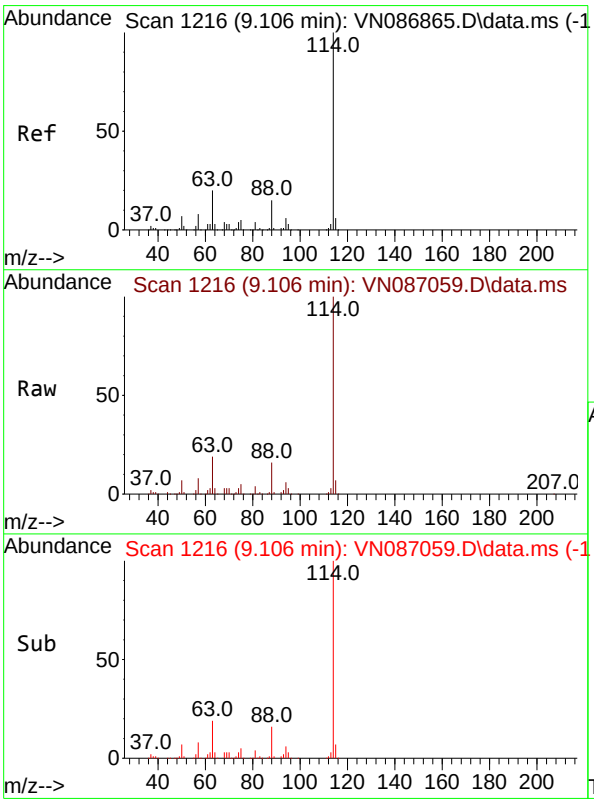
#33
1,2-Dichloroethane-d4
Concen: 53.211 ug/l
RT: 8.582 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087059.D
Acq: 17 Jun 2025 15:04

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion: 65 Resp: 149127

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	105.6

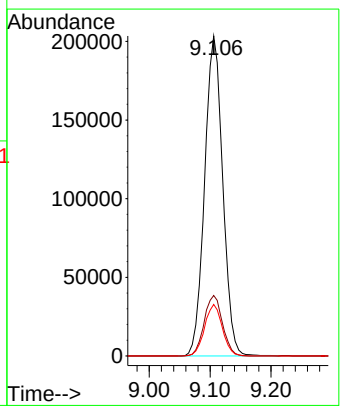


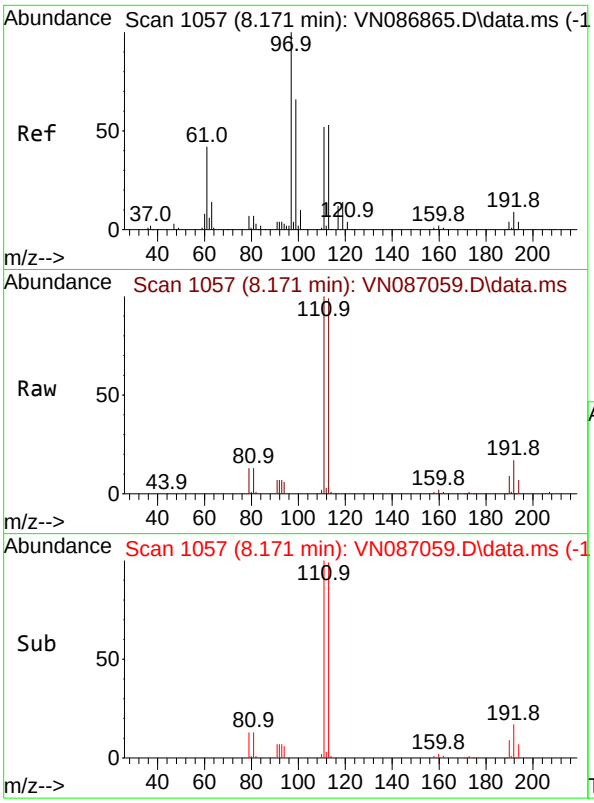


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN087059.D
Acq: 17 Jun 2025 15:04

Tgt Ion:114 Resp: 420116

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	39.6
88	16.1	0.0	30.2



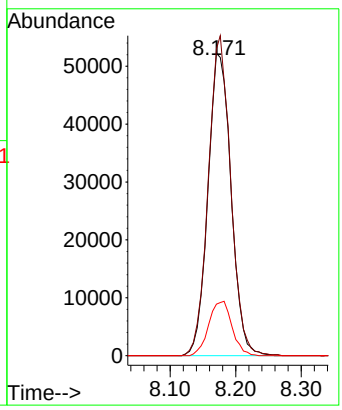


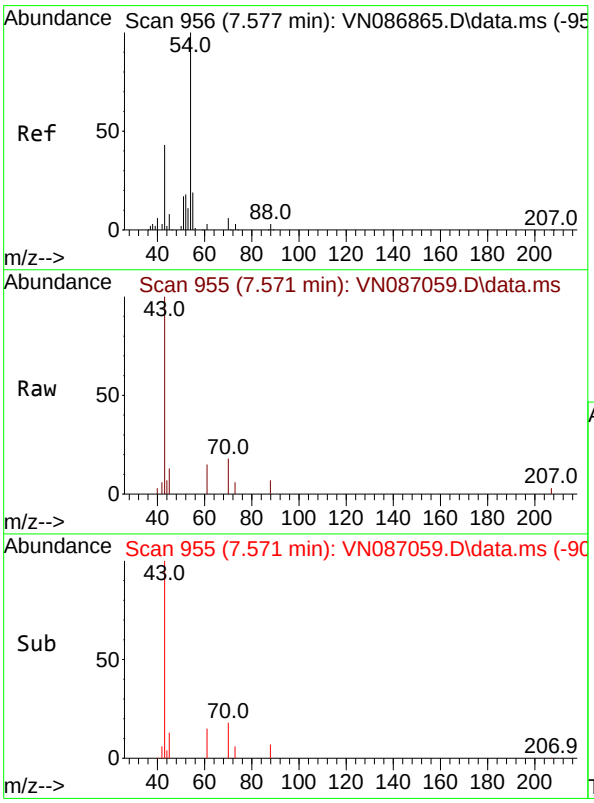
#35
Dibromofluoromethane
Concen: 51.331 ug/l
RT: 8.171 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087059.D
Acq: 17 Jun 2025 15:04

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion:113 Resp: 127798

Ion	Ratio	Lower	Upper
113	100		
111	102.7	84.2	126.2
192	18.1	14.2	21.4

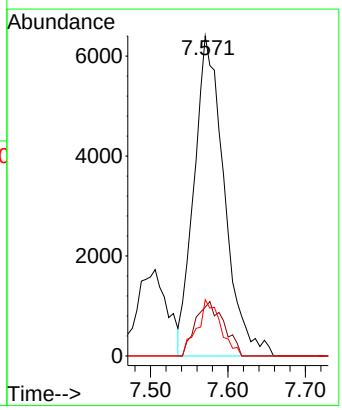


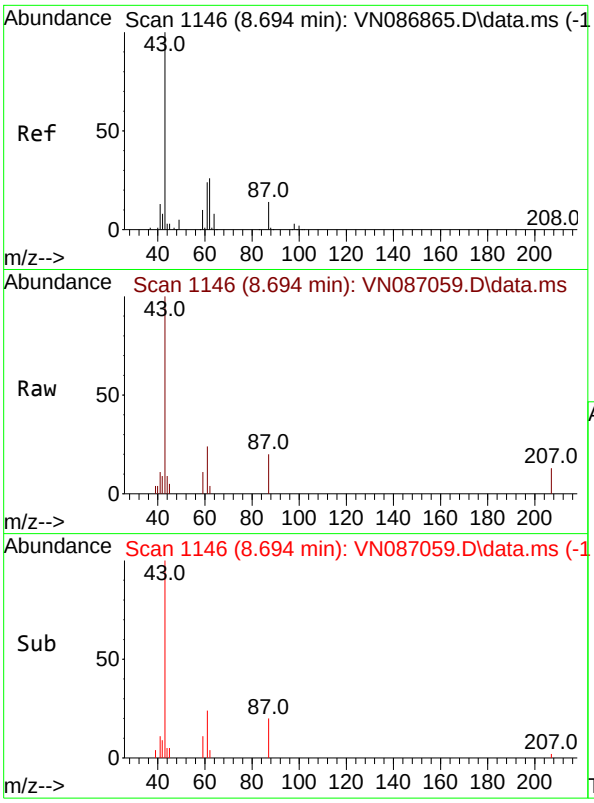


#37
Ethyl Acetate
Concen: 3.652 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.006 min
Lab File: VN087059.D
Acq: 17 Jun 2025 15:04

Tgt Ion: 43 Resp: 17245

Ion	Ratio	Lower	Upper
43	100		
61	16.1	12.1	18.1
70	13.6	9.8	14.6



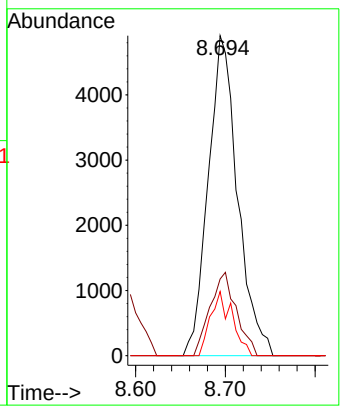


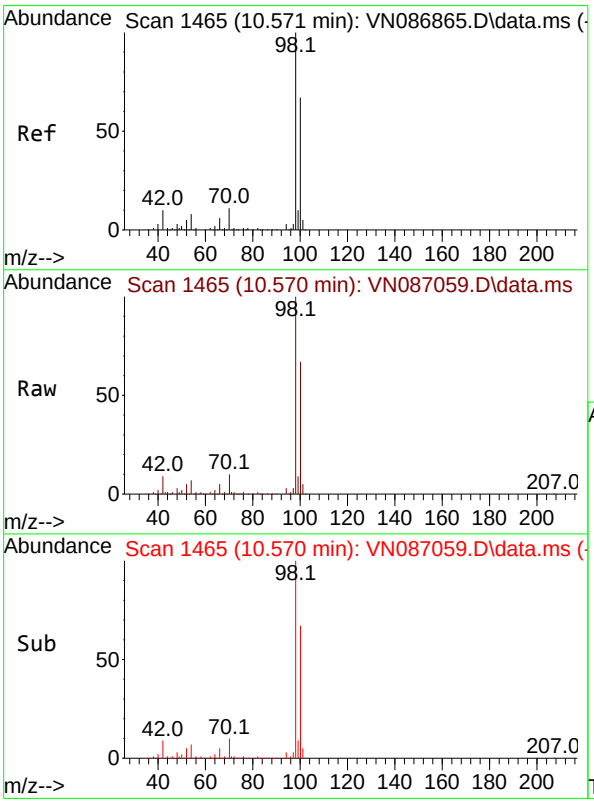
#43
Isopropyl Acetate
Concen: 1.470 ug/l
RT: 8.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087059.D
Acq: 17 Jun 2025 15:04

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion: 43 Resp: 11145

Ion	Ratio	Lower	Upper
43	100		
61	23.3	22.1	33.1
87	14.9	11.8	17.6

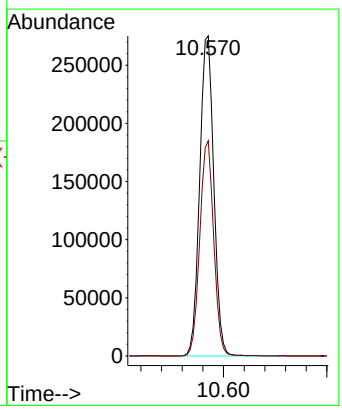


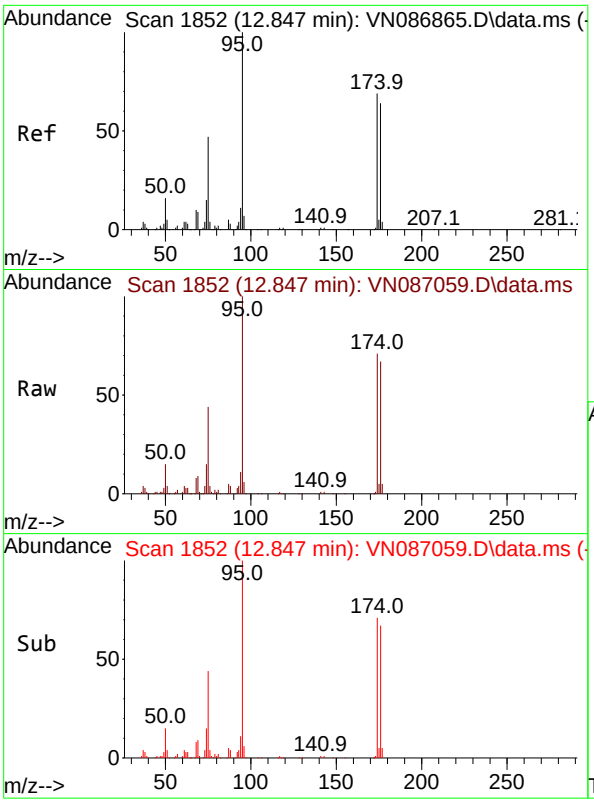


#50
Toluene-d8
Concen: 52.851 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN087059.D
Acq: 17 Jun 2025 15:04

Tgt Ion: 98 Resp: 520900

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.4	80.0



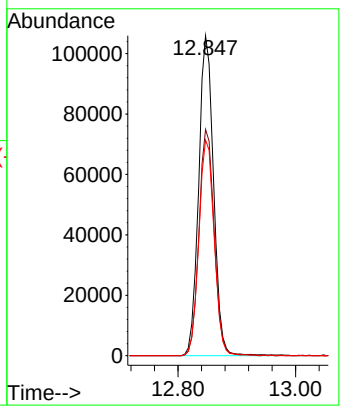


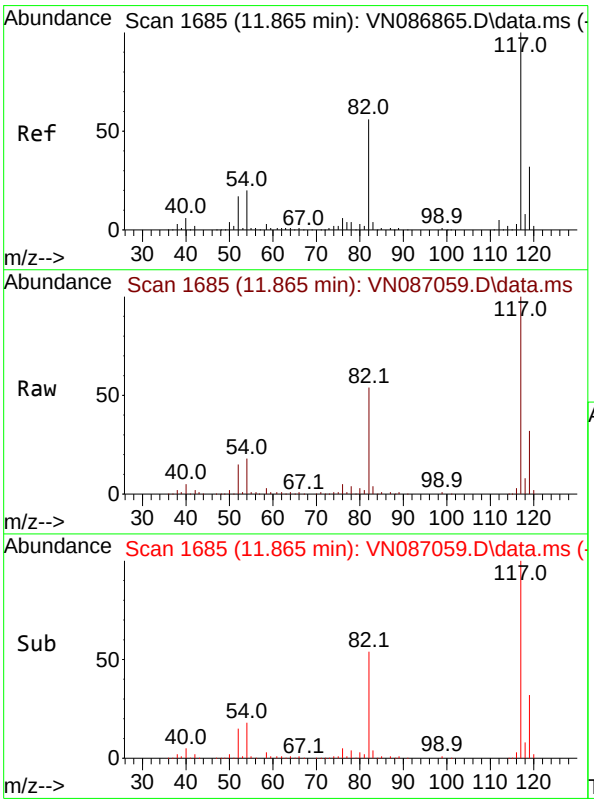
#62
4-Bromofluorobenzene
Concen: 50.704 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087059.D
Acq: 17 Jun 2025 15:04

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion: 95 Resp: 185671

Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	141.8
176	69.2	0.0	132.6

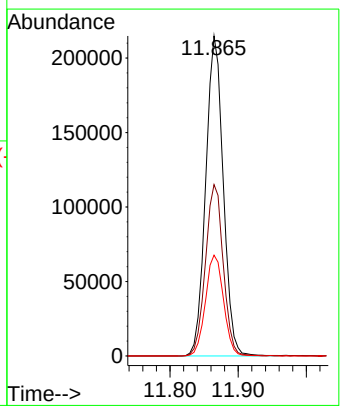


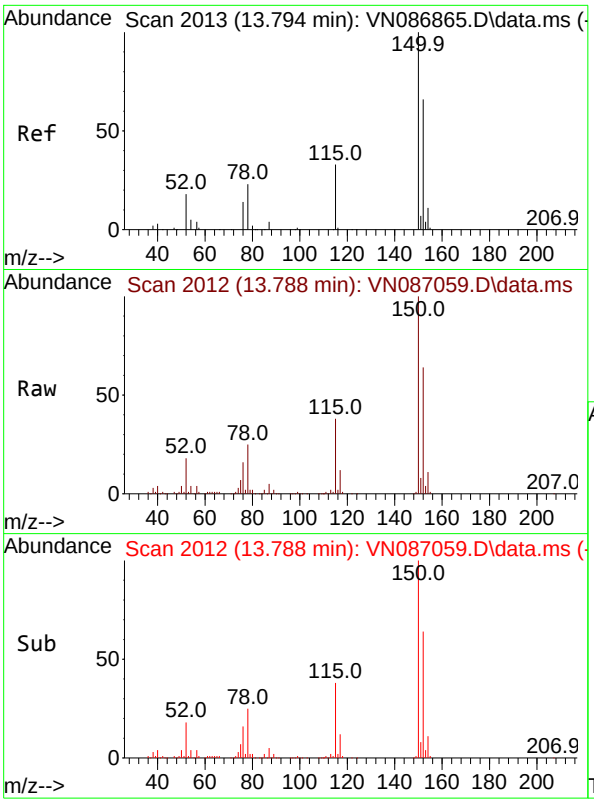


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087059.D
Acq: 17 Jun 2025 15:04

Tgt Ion:117 Resp: 383973

Ion	Ratio	Lower	Upper
117	100		
82	53.6	44.6	67.0
119	31.5	25.5	38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN087059.D
Acq: 17 Jun 2025 15:04

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 178960

Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.1	90.5
150	156.5	0.0	345.0