Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
Data File : VN087132.D
Acq On : 20 Jun 2025 12:44
Operator : JC\MD
Sample : Q2362-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EP-6

Quant Time: Jun 20 23:04:14 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	8.230	168	195844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	388591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	352130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	166973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	136410	52.023	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.040%			
35) Dibromofluoromethane	8.171	113	118252	51.350	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.700%			
50) Toluene-d8	10.565	98	479750	52.624	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.240%			
62) 4-Bromofluorobenzene	12.847	95	171364	50.594	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.180%			
Target Compounds						Qvalue
16) Acetone	4.447	43	28355	20.391	ug/l	98
18) Methyl Acetate	5.053	43	24697	6.095	ug/l	96
20) Methylene Chloride	5.295	84	3998	1.536	ug/l #	92
37) Ethyl Acetate	7.565	43	16984	3.888	ug/l	98
43) Isopropyl Acetate	8.694	43	10944	1.561	ug/l	94

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

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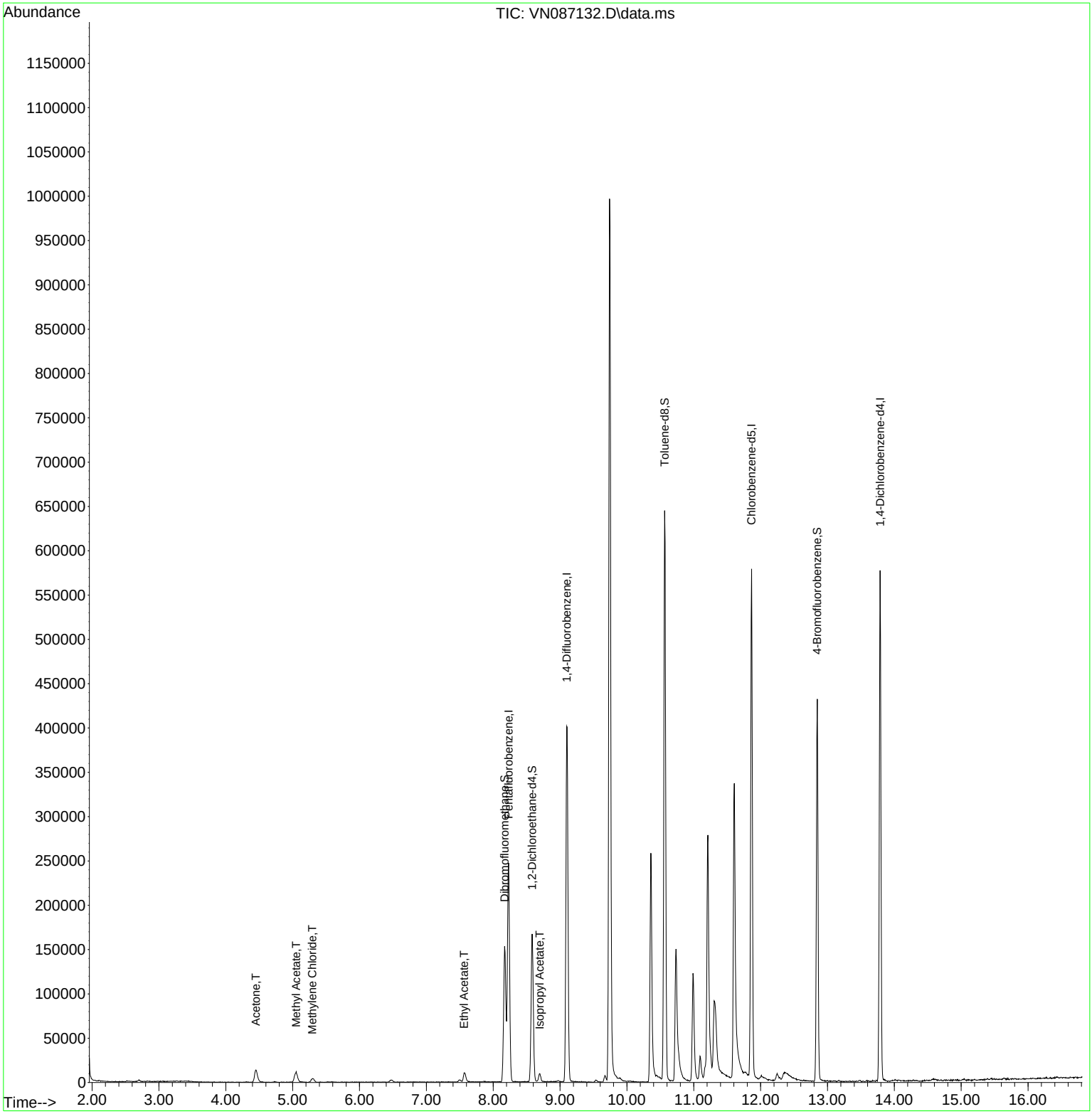
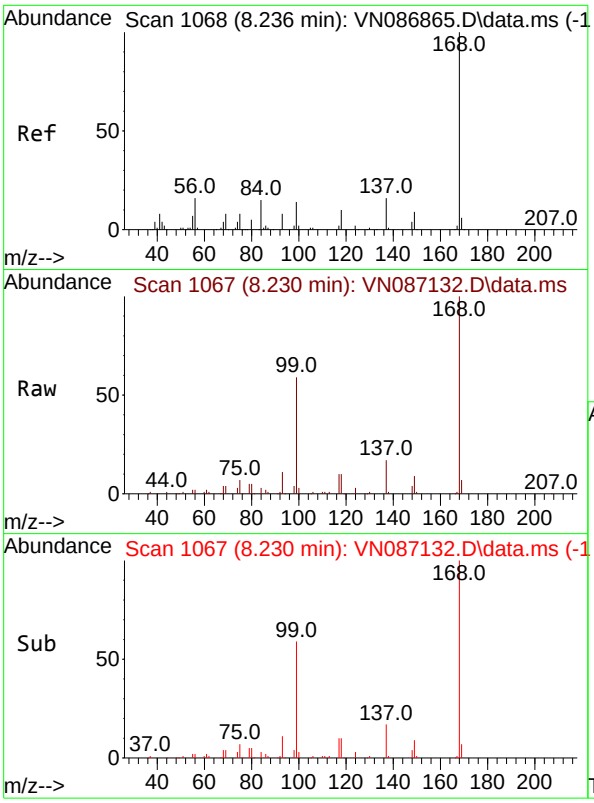


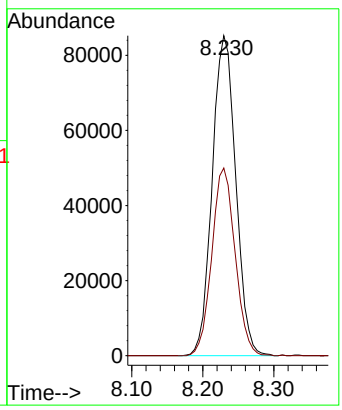


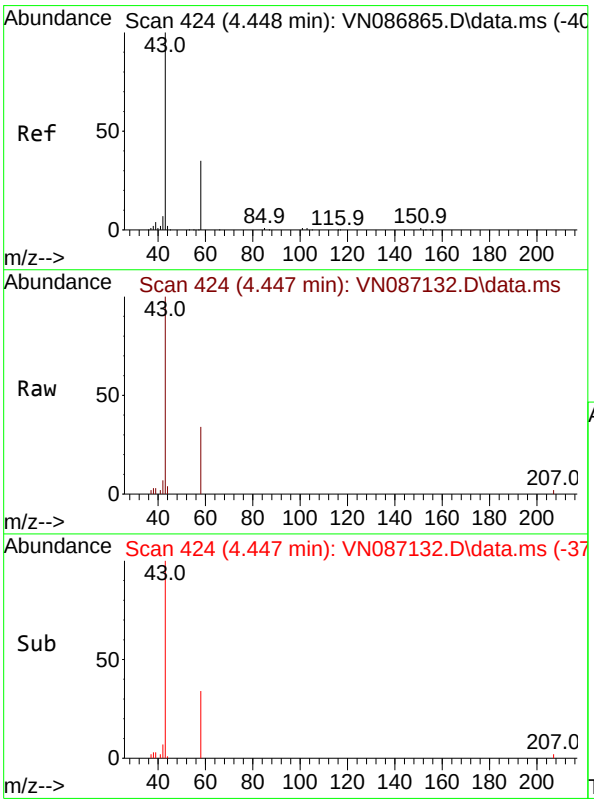
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087132.D
Acq: 20 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
EP-6

Tgt Ion:168 Resp: 195844

Ion	Ratio	Lower	Upper
168	100		
99	58.7	49.1	73.7

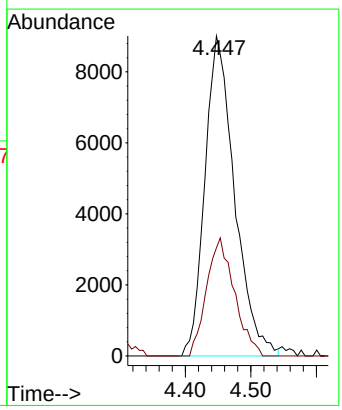


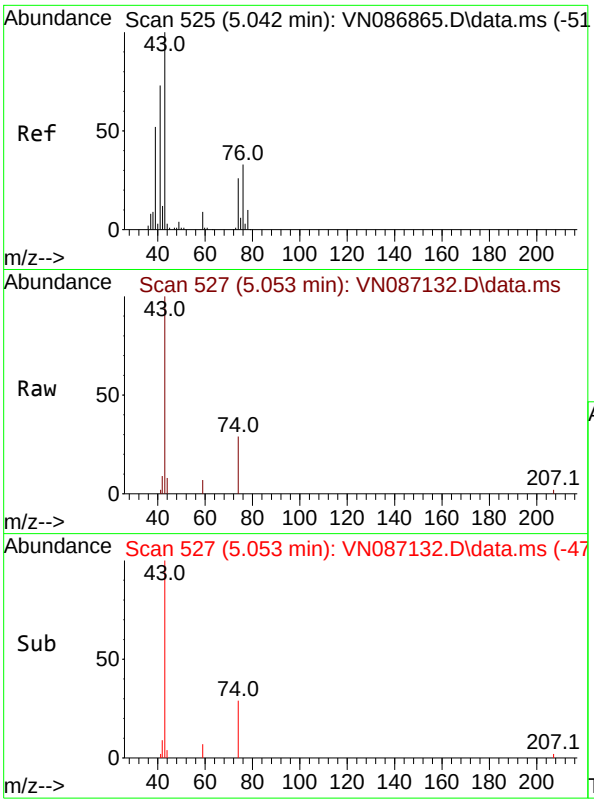


#16
Acetone
Concen: 20.391 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087132.D
Acq: 20 Jun 2025 12:44

Tgt Ion: 43 Resp: 28355

Ion	Ratio	Lower	Upper
43	100		
58	33.8	28.0	42.0



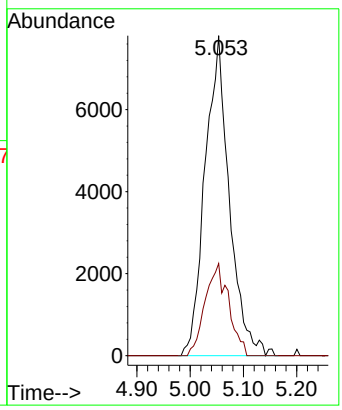


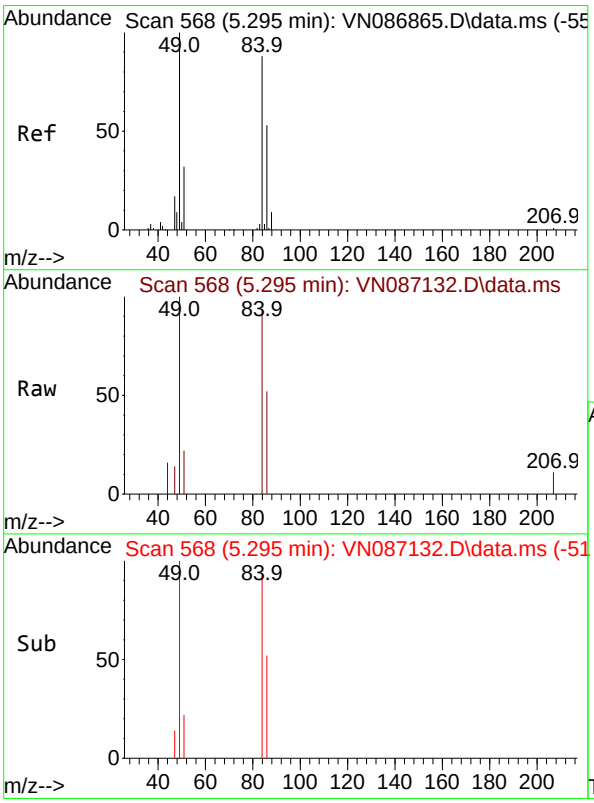
#18
Methyl Acetate
Concen: 6.095 ug/l
RT: 5.053 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN087132.D
Acq: 20 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
EP-6

Tgt Ion: 43 Resp: 24697

Ion	Ratio	Lower	Upper
43	100		
74	27.9	20.7	31.1

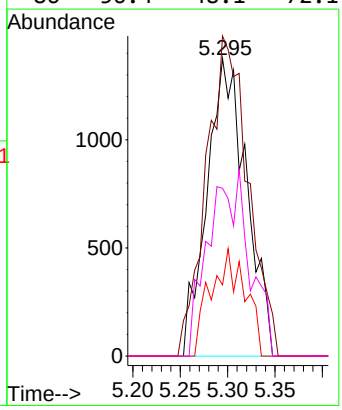


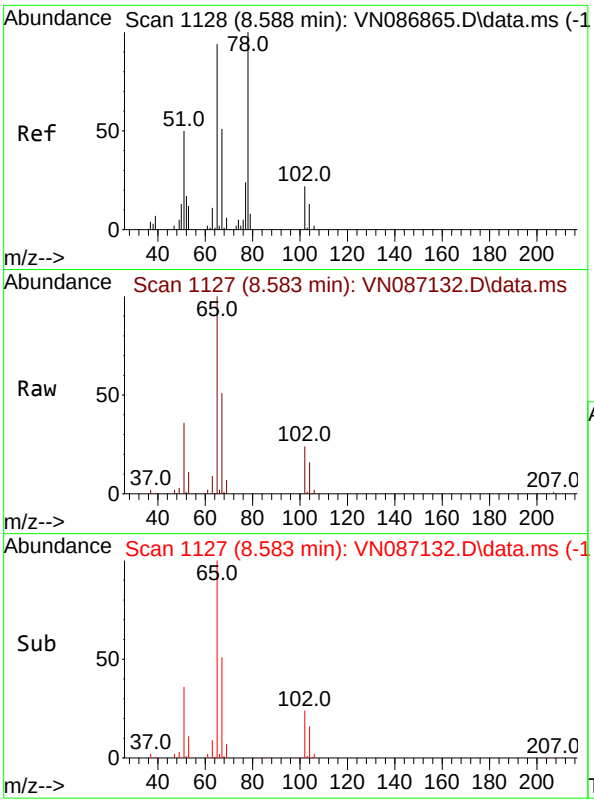


#20
Methylene Chloride
Concen: 1.536 ug/l
RT: 5.295 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN087132.D
Acq: 20 Jun 2025 12:44

Tgt Ion: 84 Resp: 3998

Ion	Ratio	Lower	Upper
84	100		
49	107.6	90.5	135.7
51	23.9	28.5	42.7#
86	56.4	48.1	72.1



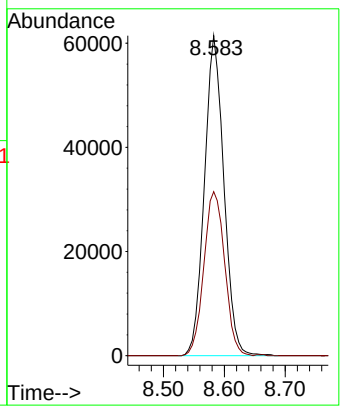


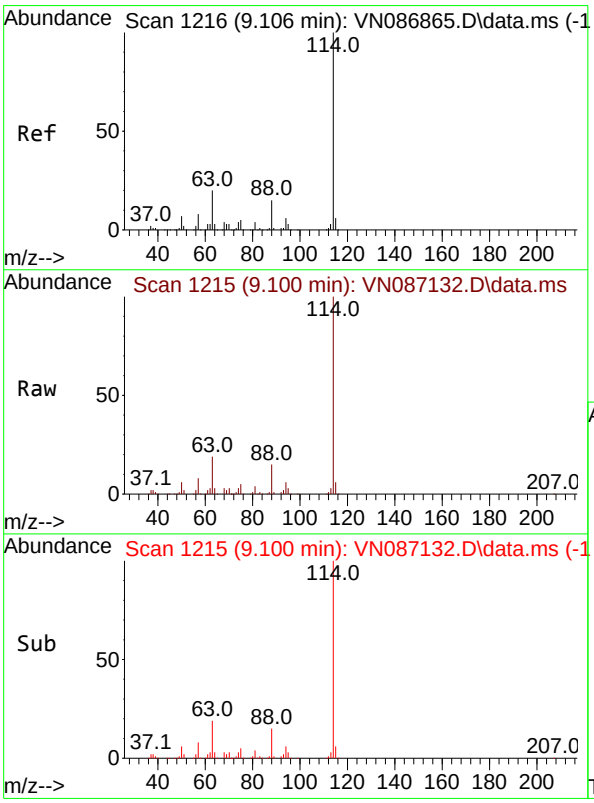
#33
1,2-Dichloroethane-d4
Concen: 52.023 ug/l
RT: 8.583 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087132.D
Acq: 20 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
EP-6

Tgt Ion: 65 Resp: 136410

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	105.6

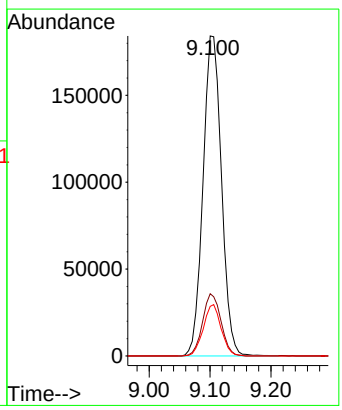


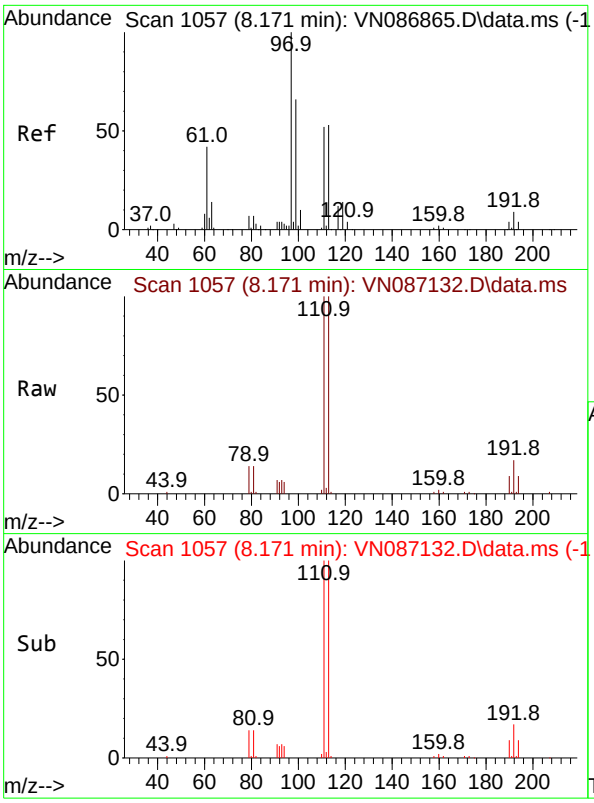


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN087132.D
Acq: 20 Jun 2025 12:44

Tgt Ion:114 Resp: 388591

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.6
88	15.5	0.0	30.2



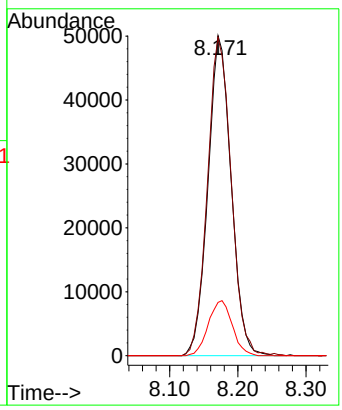


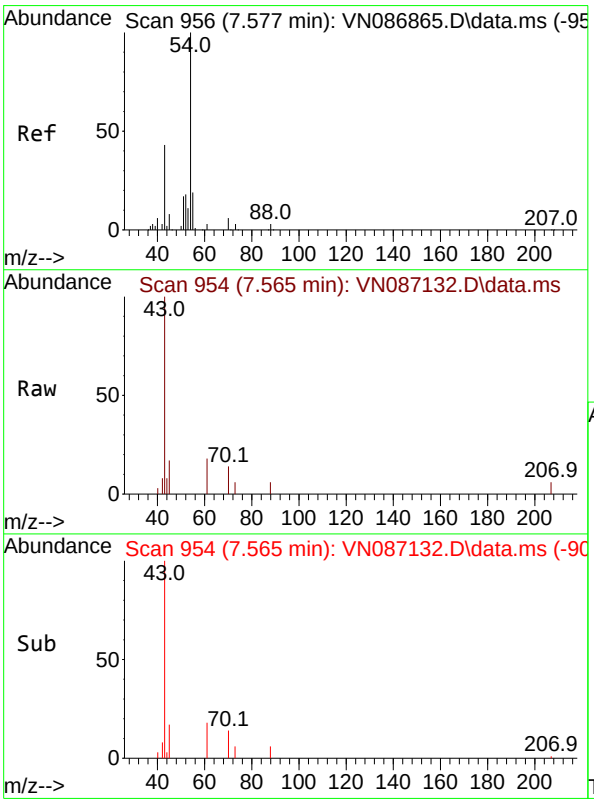
#35
Dibromofluoromethane
Concen: 51.350 ug/l
RT: 8.171 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087132.D
Acq: 20 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
EP-6

Tgt Ion:113 Resp: 118252

Ion	Ratio	Lower	Upper
113	100		
111	102.1	84.2	126.2
192	17.8	14.2	21.4

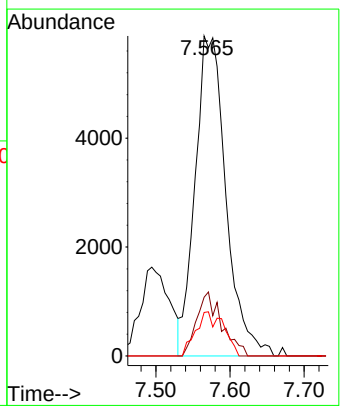


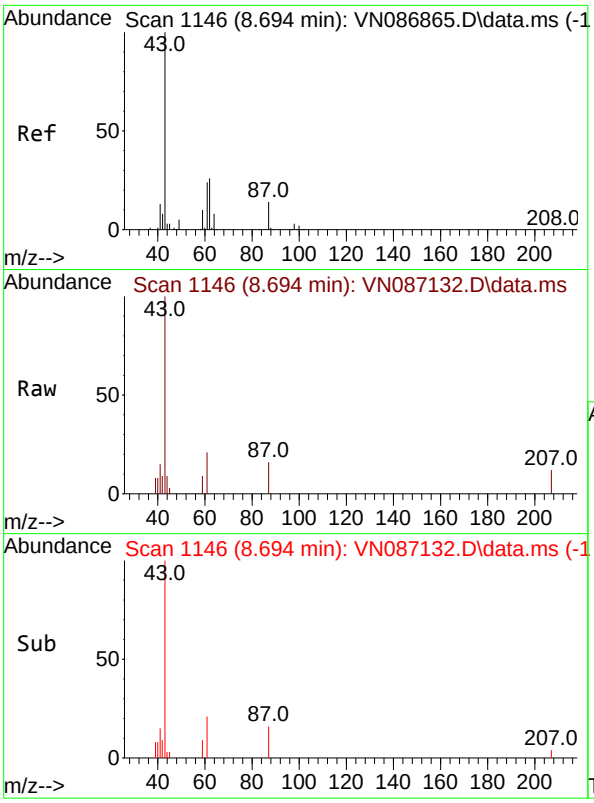


#37
Ethyl Acetate
Concen: 3.888 ug/l
RT: 7.565 min Scan# 954
Delta R.T. -0.012 min
Lab File: VN087132.D
Acq: 20 Jun 2025 12:44

Tgt Ion: 43 Resp: 16984

Ion	Ratio	Lower	Upper
43	100		
61	16.2	12.1	18.1
70	12.5	9.8	14.6



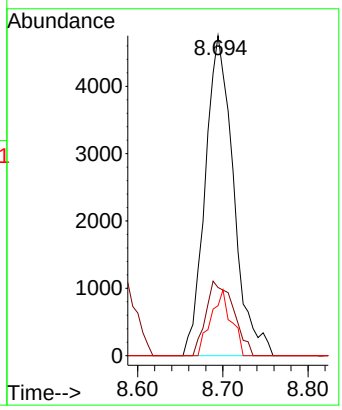


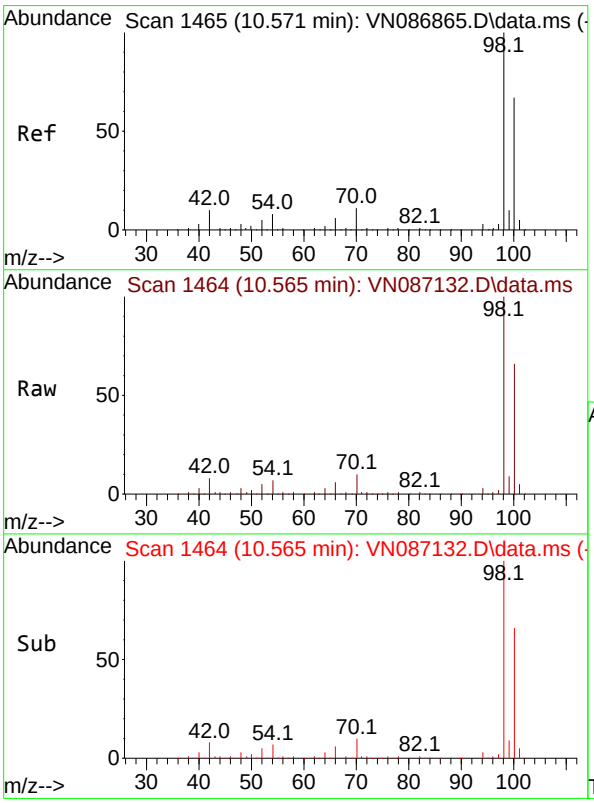
#43
Isopropyl Acetate
Concen: 1.561 ug/l
RT: 8.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087132.D
Acq: 20 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
EP-6

Tgt Ion: 43 Resp: 10944

Ion	Ratio	Lower	Upper
43	100		
61	22.8	22.1	33.1
87	14.7	11.8	17.6

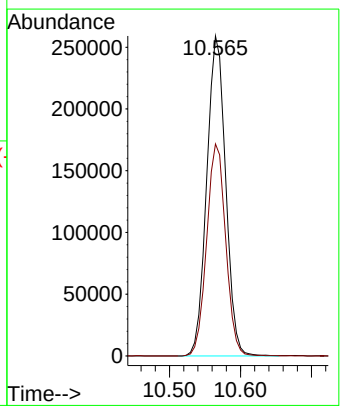


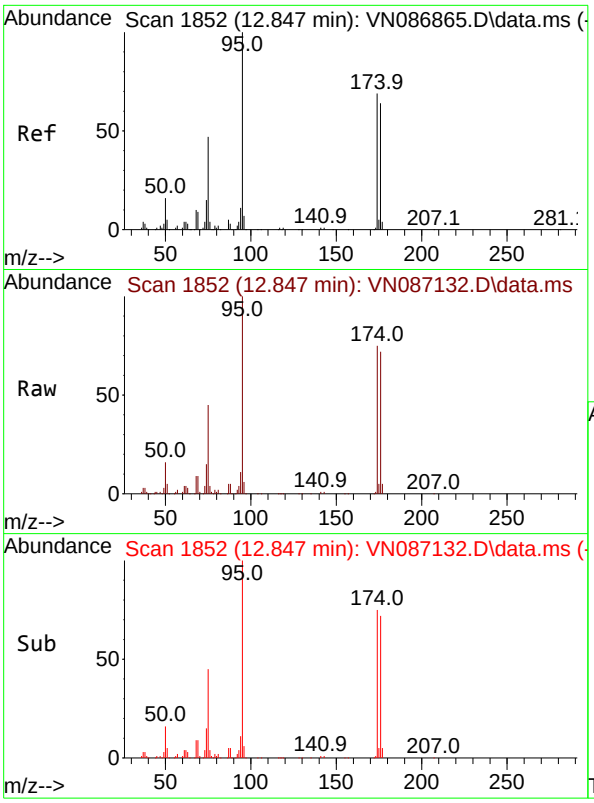


#50
Toluene-d8
Concen: 52.624 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087132.D
Acq: 20 Jun 2025 12:44

Tgt Ion: 98 Resp: 479750

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.4	80.0



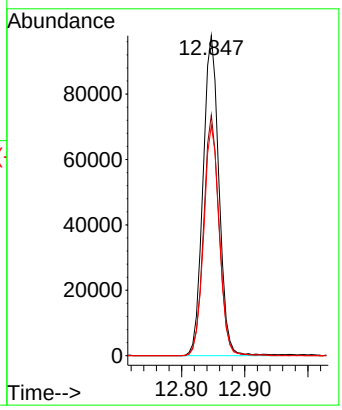


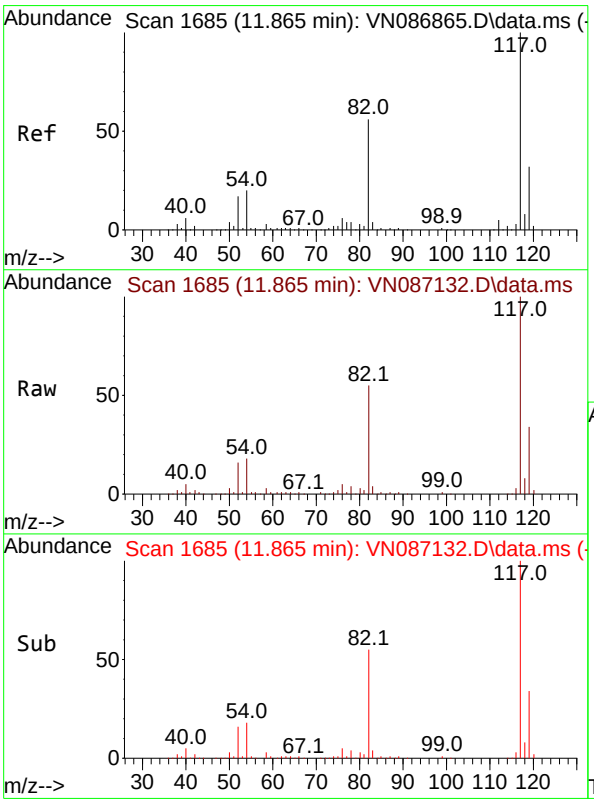
#62
4-Bromofluorobenzene
Concen: 50.594 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087132.D
Acq: 20 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
EP-6

Tgt Ion: 95 Resp: 171364

Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	141.8
176	70.5	0.0	132.6

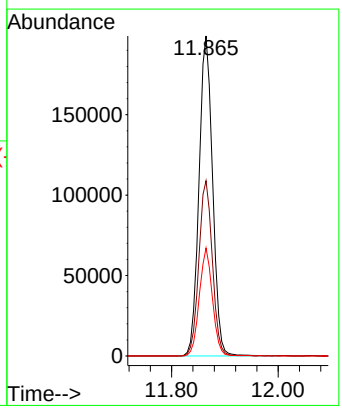


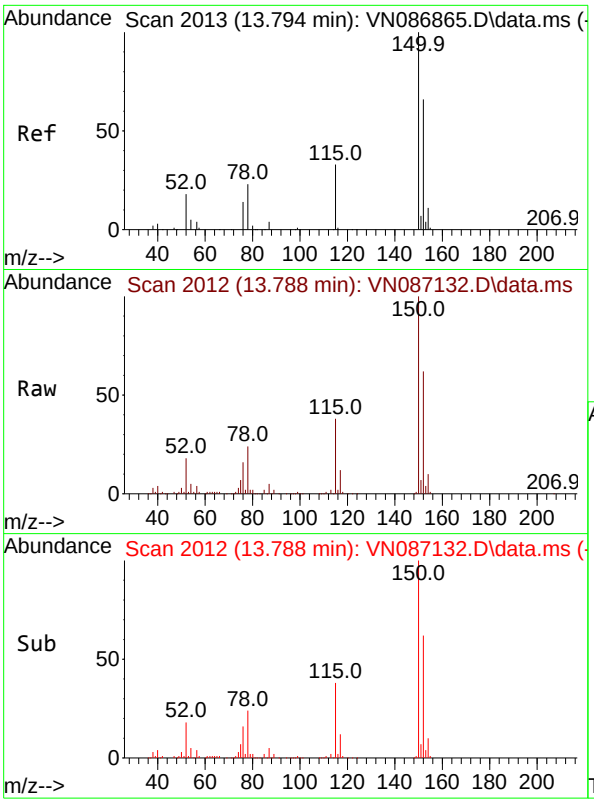


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087132.D
Acq: 20 Jun 2025 12:44

Tgt Ion:117 Resp: 352130

Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.6	67.0
119	33.7	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: VN087132.D
Acq: 20 Jun 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
EP-6

Tgt Ion:152 Resp: 166973

Ion	Ratio	Lower	Upper
152	100		
115	60.3	30.1	90.5
150	159.5	0.0	345.0