Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041825\
Data File : VN086346.D
Acq On : 18 Apr 2025 16:07
Operator : JC\MD
Sample : PB167623ZHE#11
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#11

Quant Time: Apr 19 02:27:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	190477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	365011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	344723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	151460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	137077	49.628	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.260%			
35) Dibromofluoromethane	8.165	113	89817	53.019	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.040%			
50) Toluene-d8	10.565	98	464729	51.329	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.660%			
62) 4-Bromofluorobenzene	12.847	95	169237	51.248	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.500%			
Target Compounds						Qvalue
13) Acrolein	4.194	56	56	Below Cal	#	13
16) Acetone	4.424	43	35238	31.921	ug/l	99
18) Methyl Acetate	5.035	43	4056	1.223	ug/l #	73
20) Methylene Chloride	5.271	84	4374	1.713	ug/l	97
43) Isopropyl Acetate	8.688	43	44790	5.235	ug/l #	76

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

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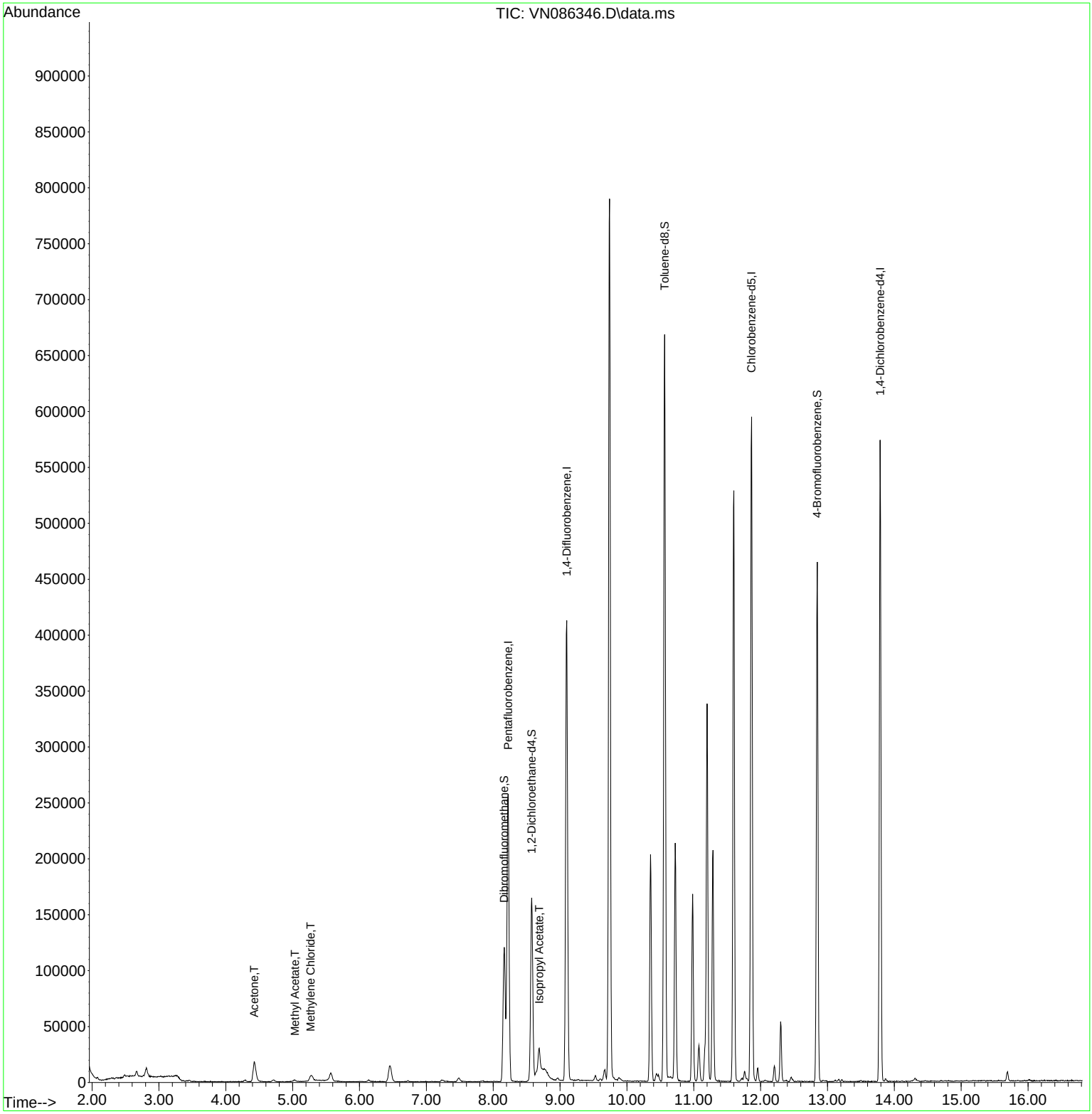
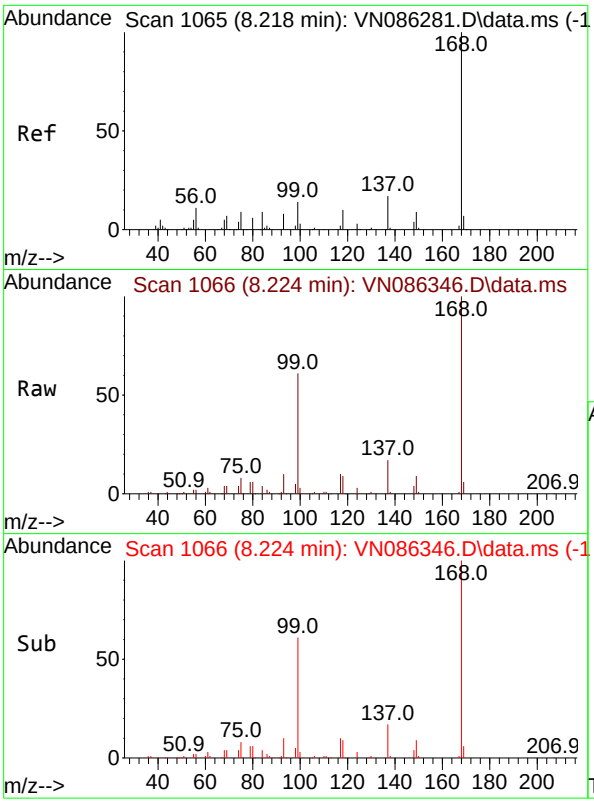


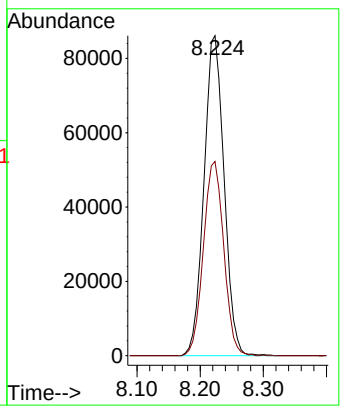


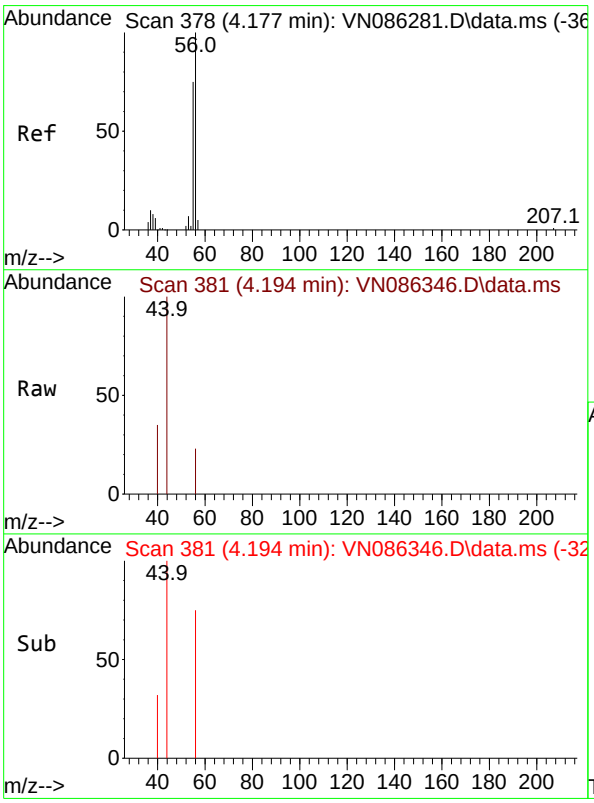
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086346.D
Acq: 18 Apr 2025 16:07

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#11

Tgt Ion:168 Resp: 190477

Ion	Ratio	Lower	Upper
168	100		
99	60.7	52.5	78.7

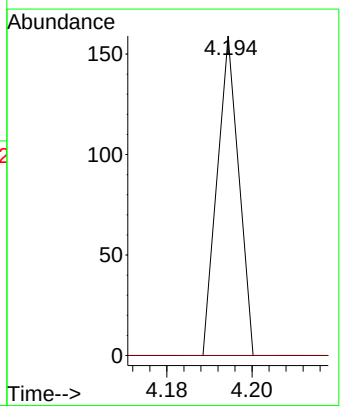


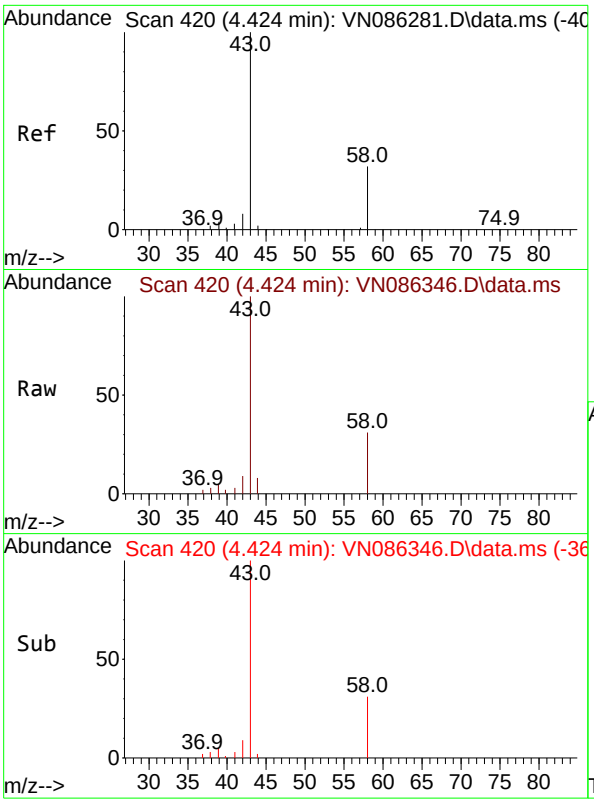


#13
Acrolein
Concen: Below Cal
RT: 4.194 min Scan# 381
Delta R.T. 0.017 min
Lab File: VN086346.D
Acq: 18 Apr 2025 16:07

Tgt Ion: 56 Resp: 56

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.5	87.7#



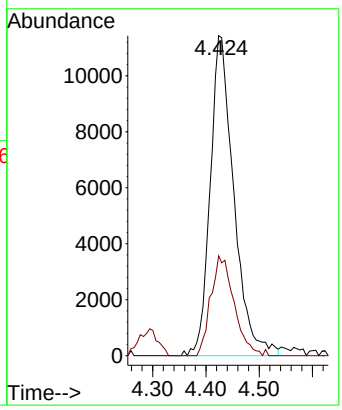


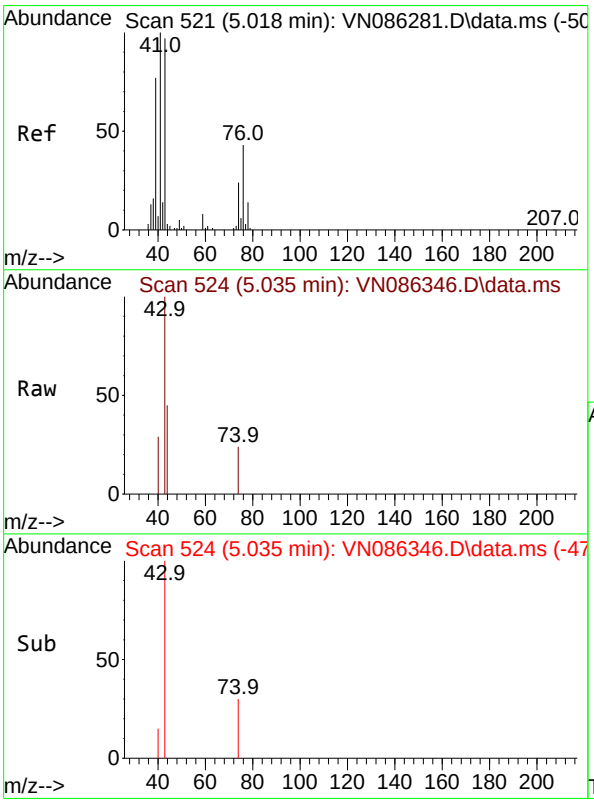
#16
Acetone
Concen: 31.921 ug/l
RT: 4.424 min Scan# 4
Delta R.T. -0.000 min
Lab File: VN086346.D
Acq: 18 Apr 2025 16:07

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#11

Tgt Ion: 43 Resp: 35238

Ion	Ratio	Lower	Upper
43	100		
58	31.2	25.3	37.9

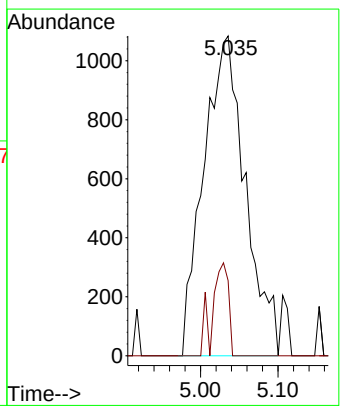


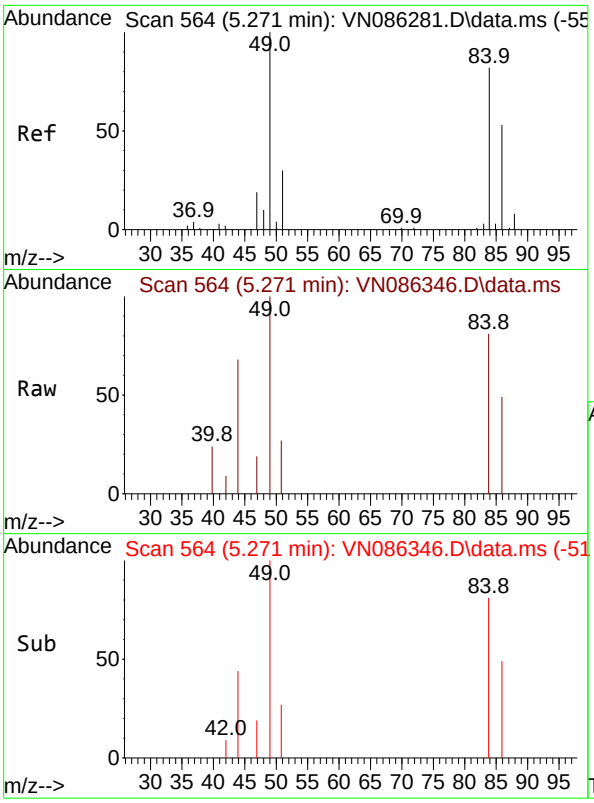


#18
Methyl Acetate
Concen: 1.223 ug/l
RT: 5.035 min Scan# 524
Delta R.T. 0.017 min
Lab File: VN086346.D
Acq: 18 Apr 2025 16:07

Tgt Ion: 43 Resp: 4056

Ion	Ratio	Lower	Upper
43	100		
74	11.2	19.8	29.6#



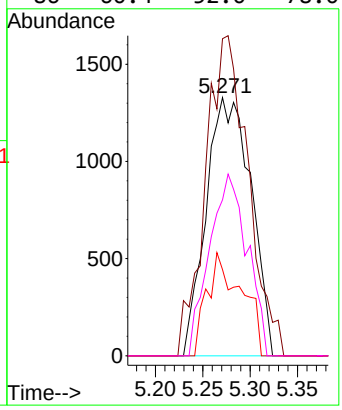


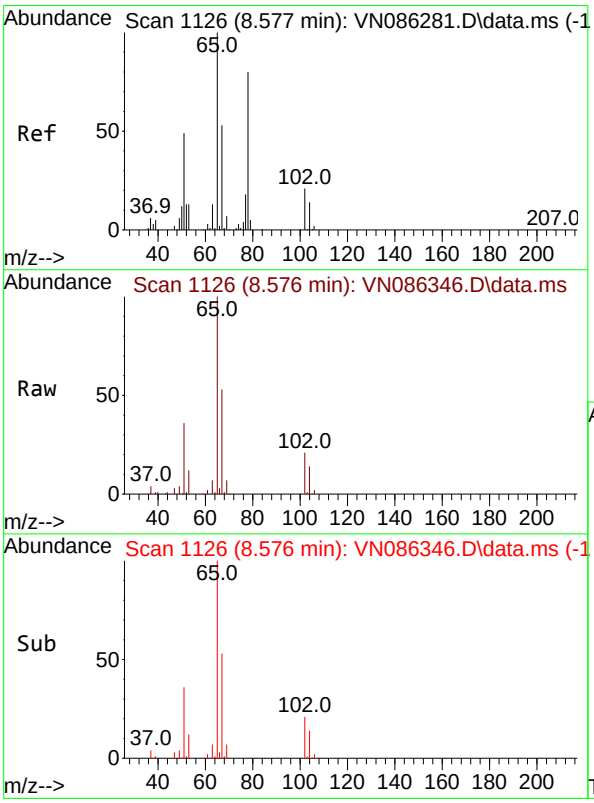
#20
Methylene Chloride
Concen: 1.713 ug/l
RT: 5.271 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN086346.D
Acq: 18 Apr 2025 16:07

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#11

Tgt Ion: 84 Resp: 4374

Ion	Ratio	Lower	Upper
84	100		
49	122.8	98.2	147.2
51	33.4	29.8	44.6
86	60.4	52.0	78.0

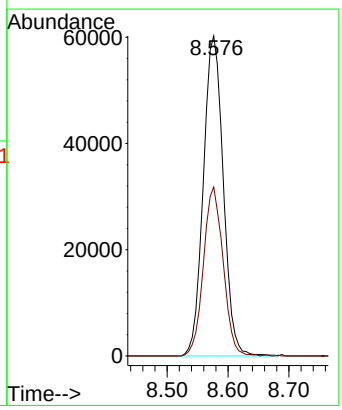


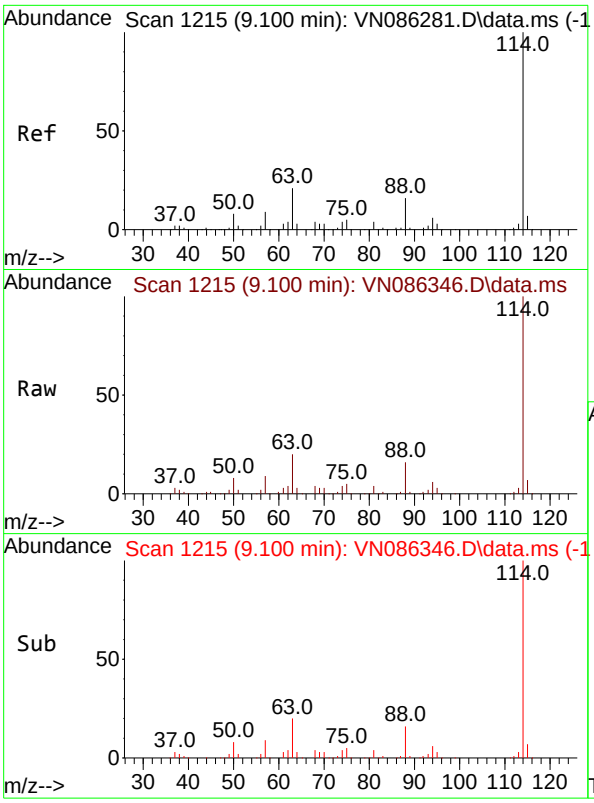


#33
1,2-Dichloroethane-d4
Concen: 49.628 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086346.D
Acq: 18 Apr 2025 16:07

Tgt Ion: 65 Resp: 137077

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	106.0



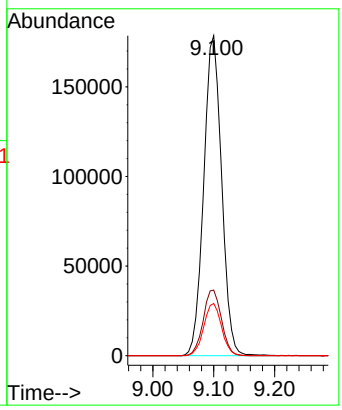


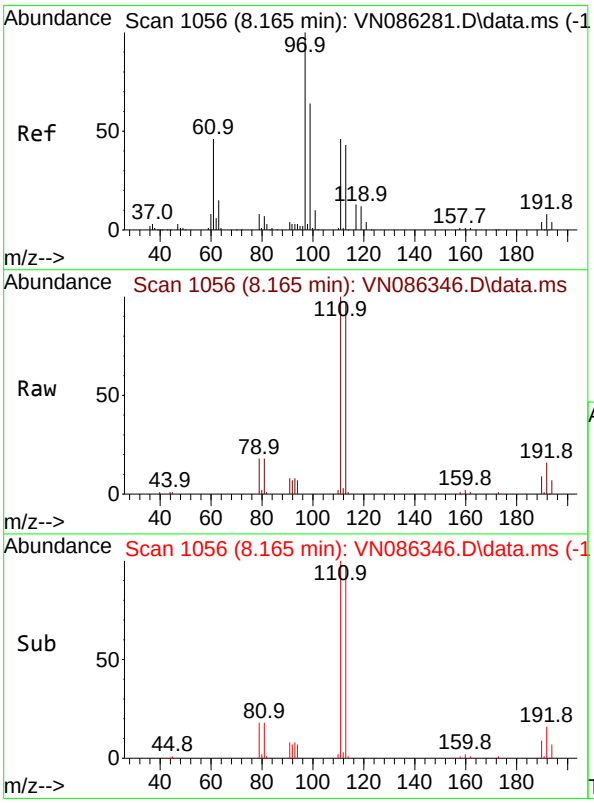
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086346.D
Acq: 18 Apr 2025 16:07

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#11

Tgt Ion:114 Resp: 365011

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	42.6
88	16.3	0.0	31.8

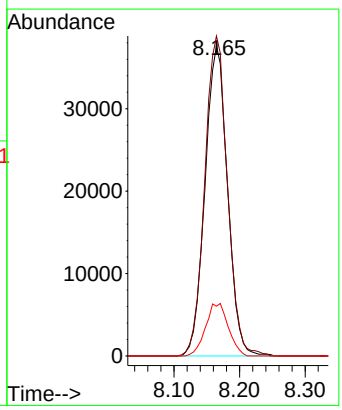


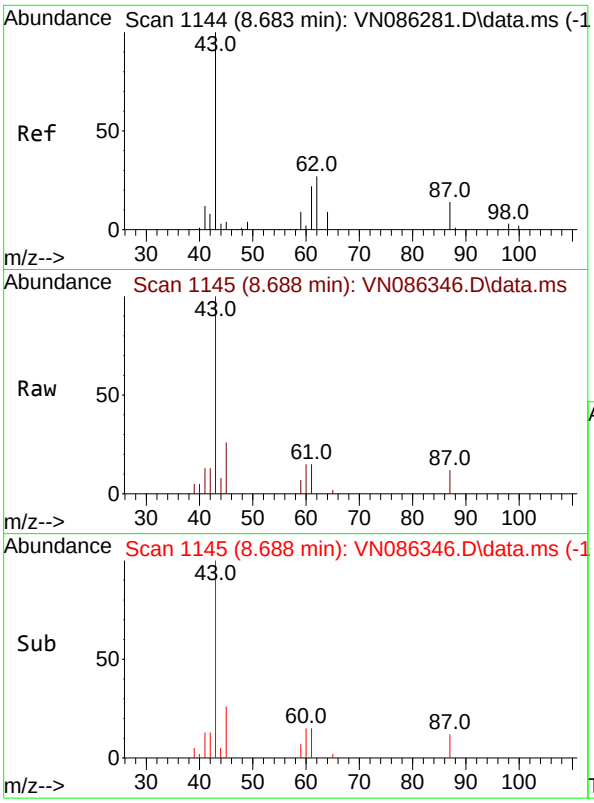


#35
Dibromofluoromethane
Concen: 53.019 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086346.D
Acq: 18 Apr 2025 16:07

Tgt Ion:113 Resp: 89817

Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.4	125.0
192	17.1	13.7	20.5



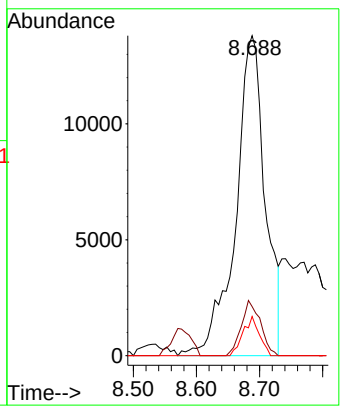


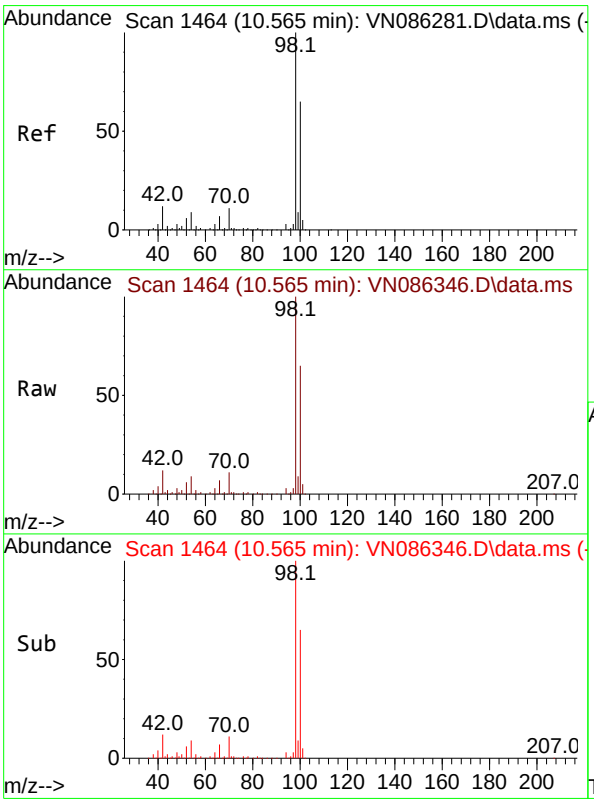
#43
Isopropyl Acetate
Concen: 5.235 ug/l
RT: 8.688 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN086346.D
Acq: 18 Apr 2025 16:07

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#11

Tgt Ion: 43 Resp: 44790

Ion	Ratio	Lower	Upper
43	100		
61	11.2	20.5	30.7#
87	6.8	10.5	15.7#

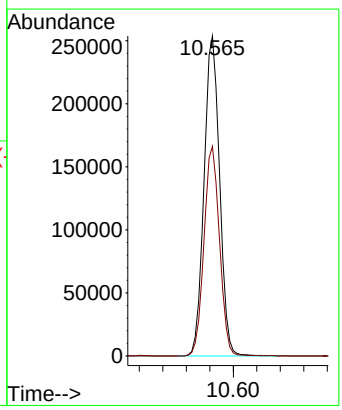


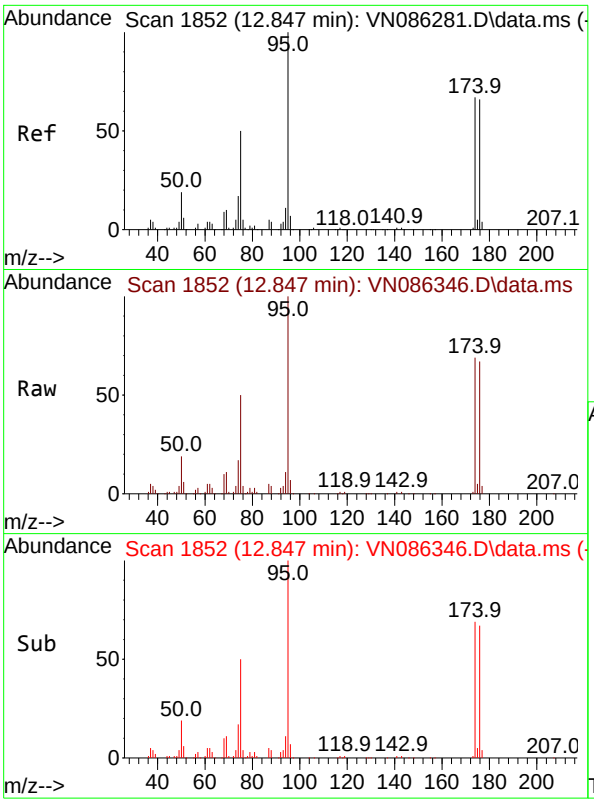


#50
Toluene-d8
Concen: 51.329 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086346.D
Acq: 18 Apr 2025 16:07

Tgt Ion: 98 Resp: 464729

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.5	78.7



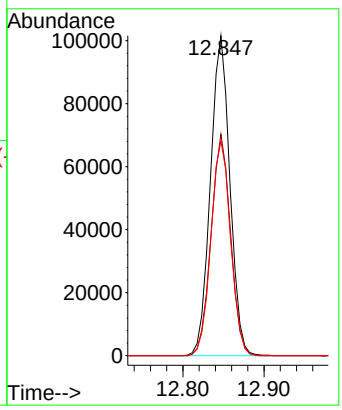


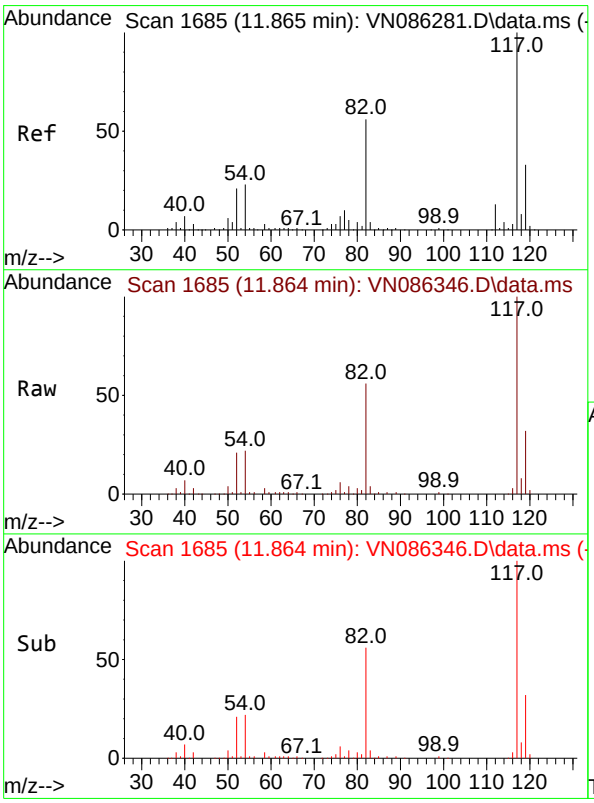
#62
4-Bromofluorobenzene
Concen: 51.248 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086346.D
Acq: 18 Apr 2025 16:07

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#11

Tgt Ion: 95 Resp: 169237

Ion	Ratio	Lower	Upper
95	100		
174	68.9	0.0	133.4
176	67.7	0.0	129.2

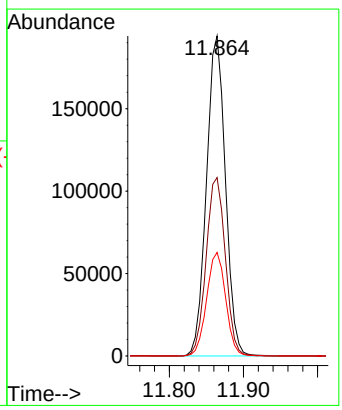


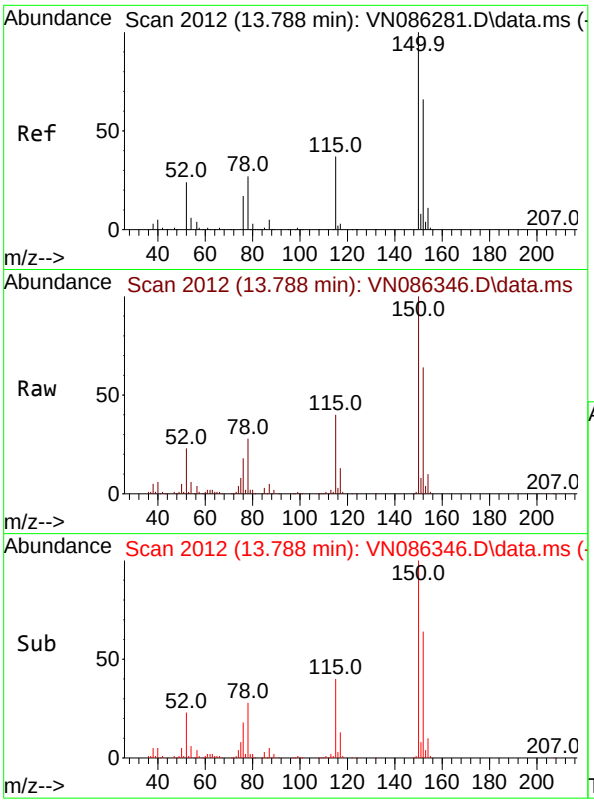


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086346.D
Acq: 18 Apr 2025 16:07

Tgt Ion:117 Resp: 344723

Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.7	67.1
119	32.3	26.4	39.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086346.D
Acq: 18 Apr 2025 16:07

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#11

Tgt Ion:152 Resp: 151460

Ion	Ratio	Lower	Upper
152	100		
115	62.1	31.9	95.9
150	157.0	0.0	352.0