Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041825\
Data File : VN086350.D
Acq On : 18 Apr 2025 17:44
Operator : JC\MD
Sample : PB167623ZHE#15
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#15

Quant Time: Apr 19 02:29:09 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	184244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	358203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	335469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	145310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	134479	50.335	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.660%			
35) Dibromofluoromethane	8.159	113	89458	53.810	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.620%			
50) Toluene-d8	10.565	98	460286	51.805	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.600%			
62) 4-Bromofluorobenzene	12.847	95	167391	51.652	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.300%			
Target Compounds						Qvalue
16) Acetone	4.430	43	34780	32.692	ug/l	98
18) Methyl Acetate	5.030	43	3790	1.182	ug/l #	88
20) Methylene Chloride	5.271	84	4471	1.810	ug/l	90
43) Isopropyl Acetate	8.688	43	47370	5.789	ug/l #	75

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

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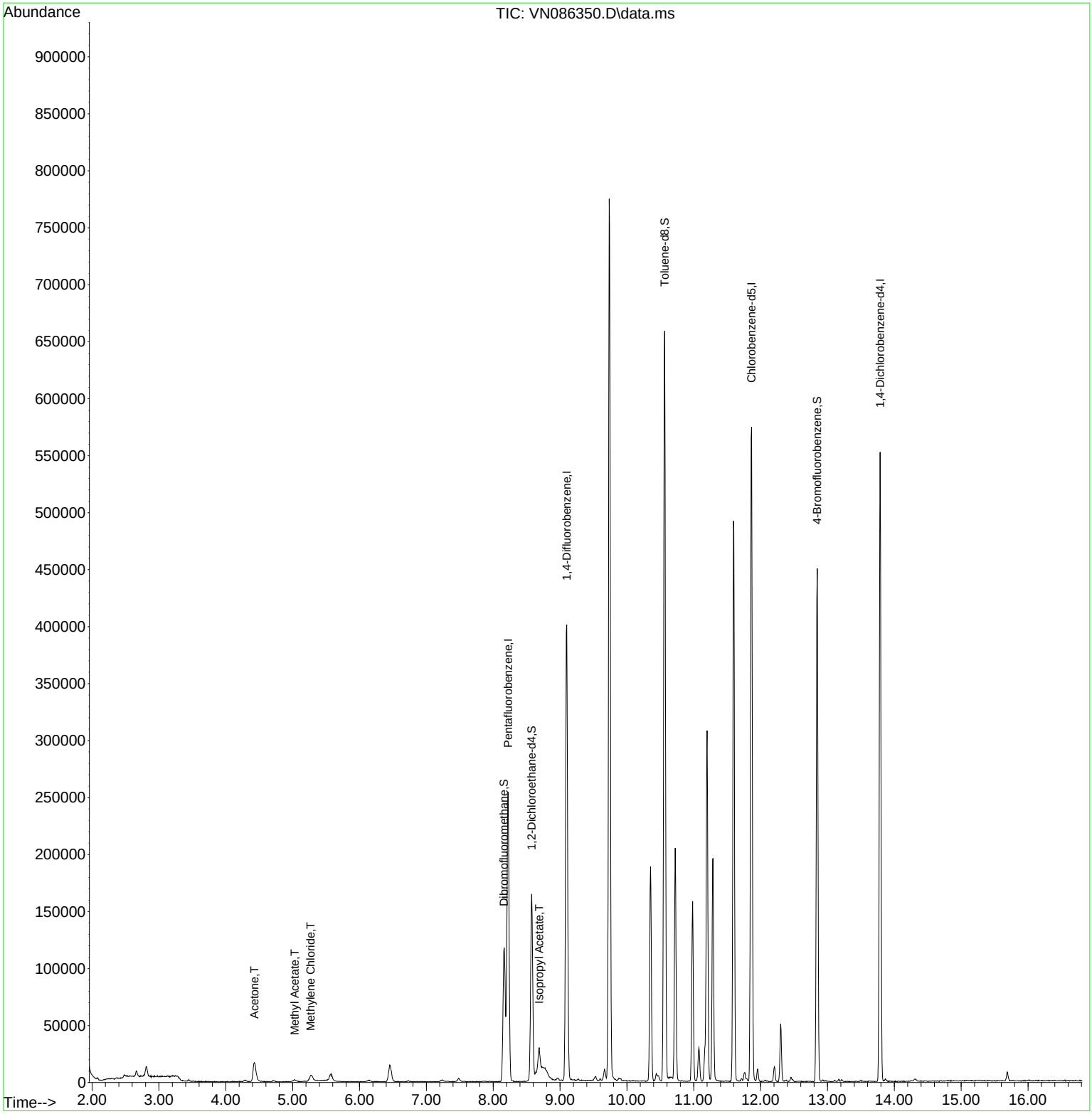
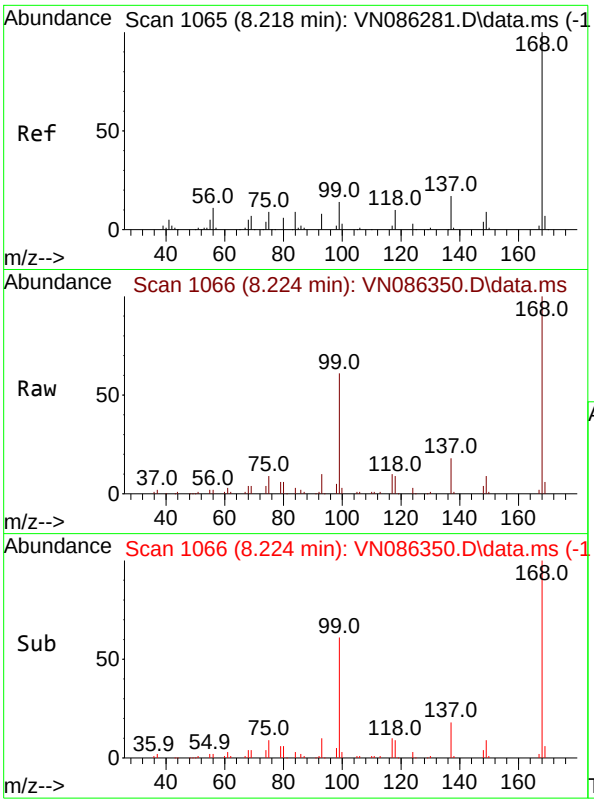


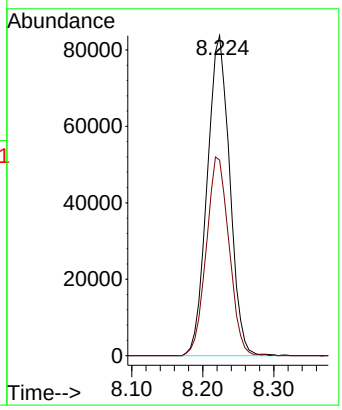


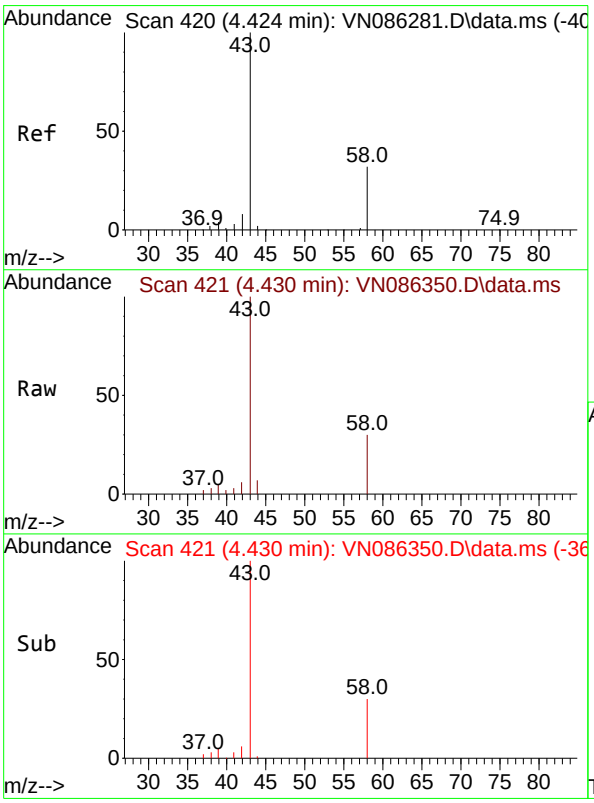
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086350.D
Acq: 18 Apr 2025 17:44

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#15

Tgt Ion:168 Resp: 184244

Ion	Ratio	Lower	Upper
168	100		
99	61.1	52.5	78.7

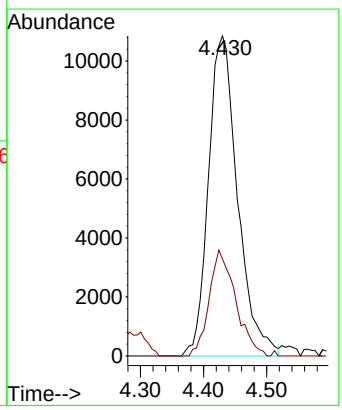


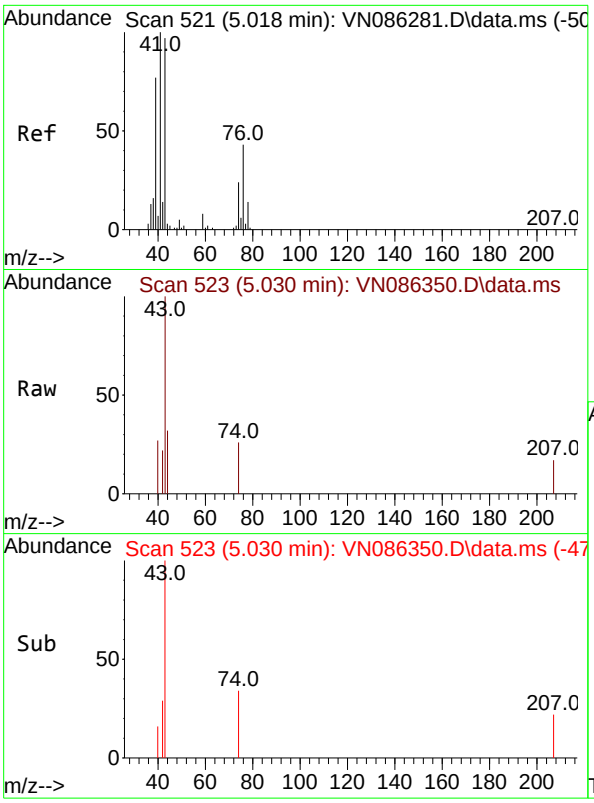


#16
Acetone
Concen: 32.692 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086350.D
Acq: 18 Apr 2025 17:44

Tgt Ion: 43 Resp: 34780

Ion	Ratio	Lower	Upper
43	100		
58	30.3	25.3	37.9



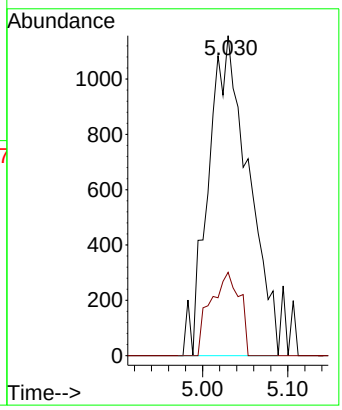


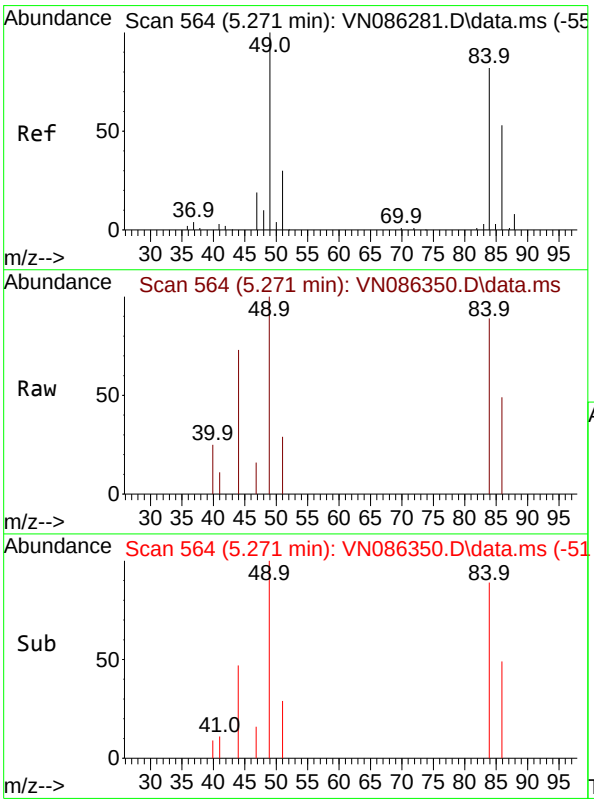
#18
Methyl Acetate
Concen: 1.182 ug/l
RT: 5.030 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN086350.D
Acq: 18 Apr 2025 17:44

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#15

Tgt Ion: 43 Resp: 3790

Ion	Ratio	Lower	Upper
43	100		
74	18.8	19.8	29.6#

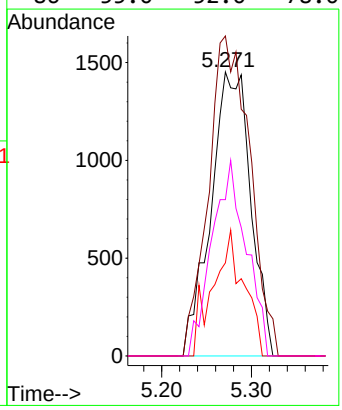


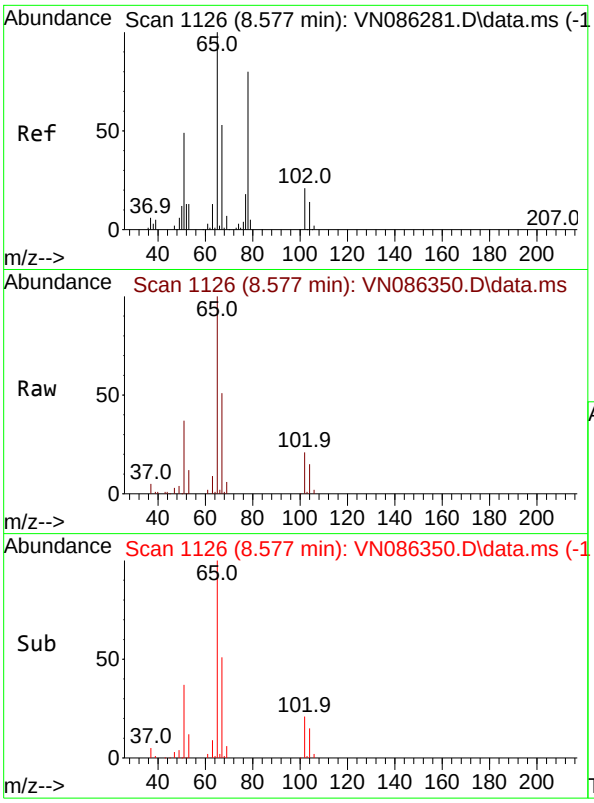


#20
Methylene Chloride
Concen: 1.810 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086350.D
Acq: 18 Apr 2025 17:44

Tgt Ion: 84 Resp: 4471

Ion	Ratio	Lower	Upper
84	100		
49	112.7	98.2	147.2
51	32.8	29.8	44.6
86	55.0	52.0	78.0



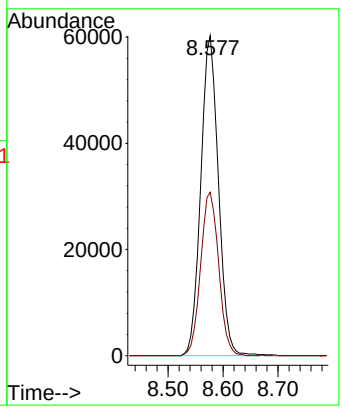


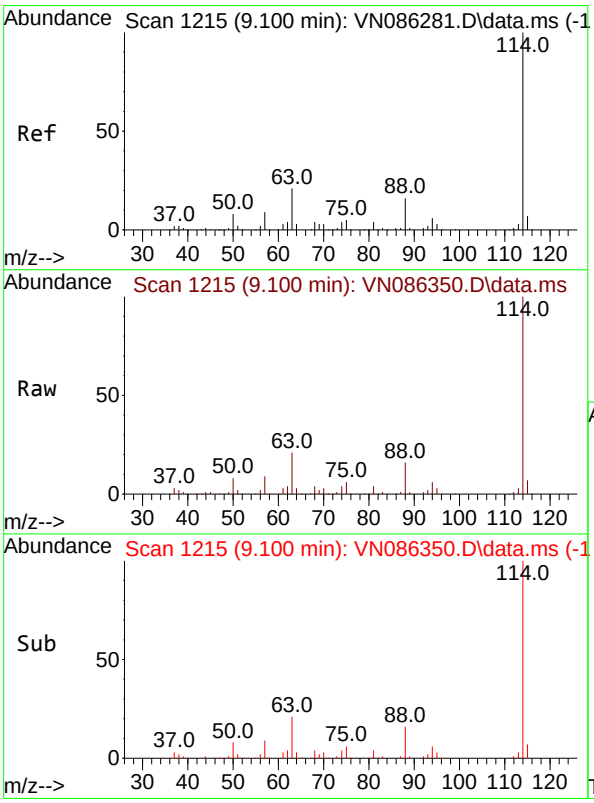
#33
1,2-Dichloroethane-d4
Concen: 50.335 ug/l
RT: 8.577 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086350.D
Acq: 18 Apr 2025 17:44

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#15

Tgt Ion: 65 Resp: 134479

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	106.0

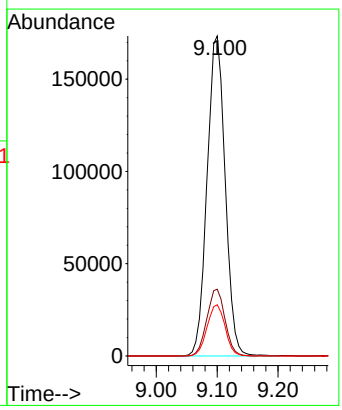


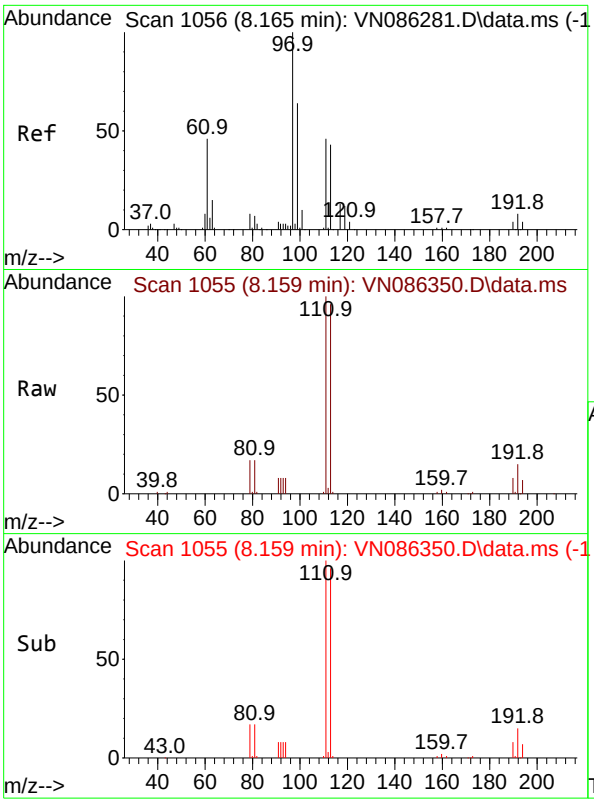


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN086350.D
Acq: 18 Apr 2025 17:44

Tgt Ion:114 Resp: 358203

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.6
88	16.0	0.0	31.8



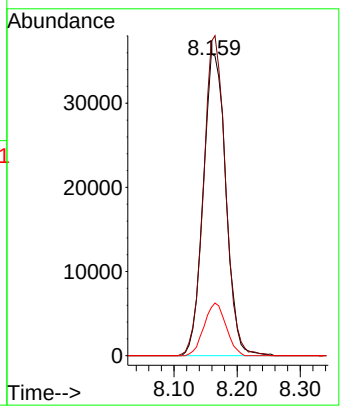


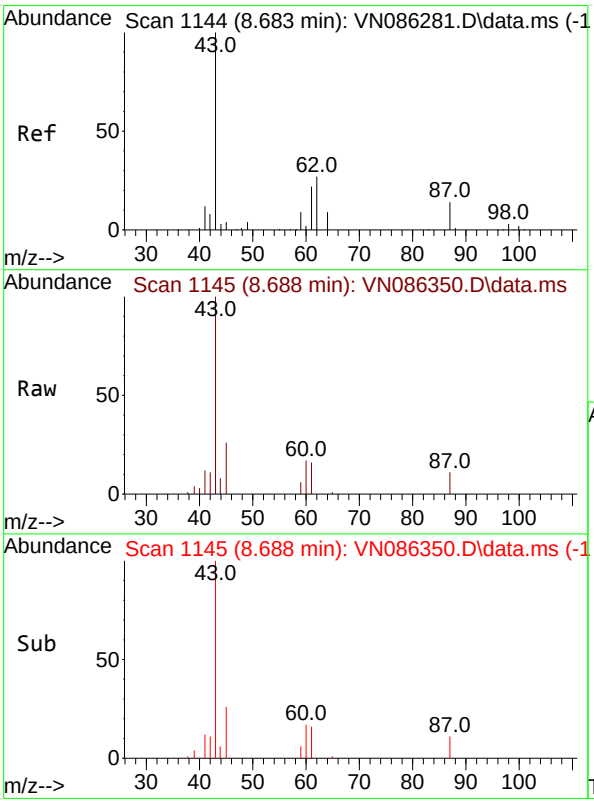
#35
Dibromofluoromethane
Concen: 53.810 ug/l
RT: 8.159 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086350.D
Acq: 18 Apr 2025 17:44

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#15

Tgt Ion:113 Resp: 89458

Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.4	125.0
192	16.9	13.7	20.5

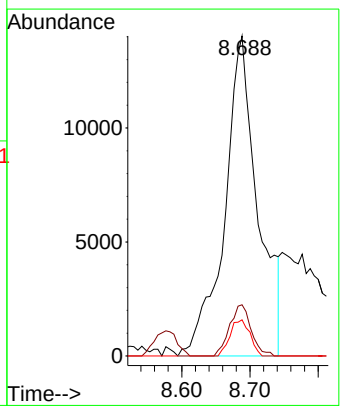


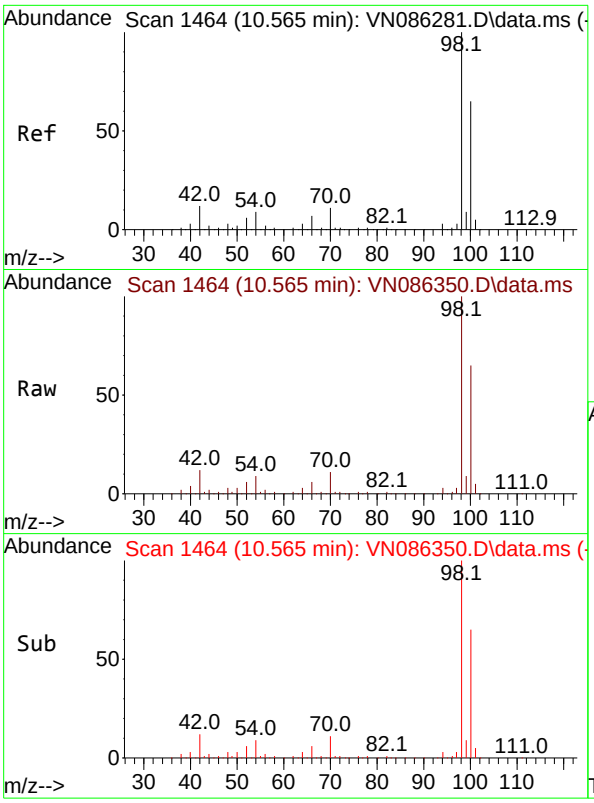


#43
Isopropyl Acetate
Concen: 5.789 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086350.D
Acq: 18 Apr 2025 17:44

Tgt Ion: 43 Resp: 47370

Ion	Ratio	Lower	Upper
43	100		
61	10.4	20.5	30.7#
87	6.8	10.5	15.7#



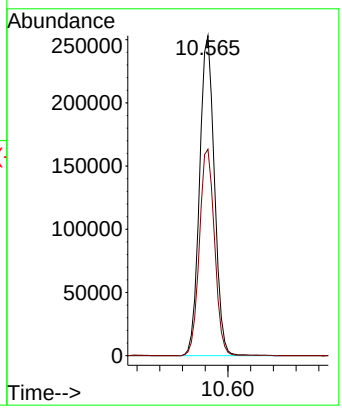


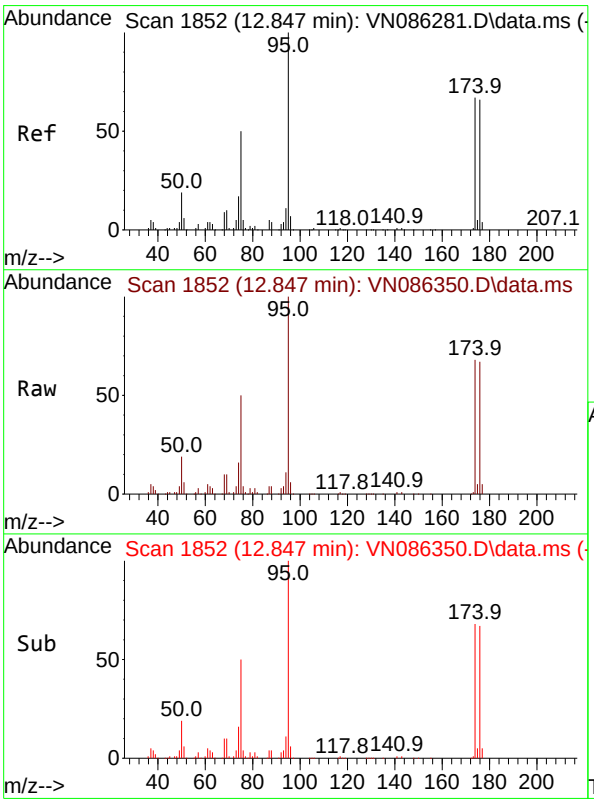
#50
Toluene-d8
Concen: 51.805 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN086350.D
Acq: 18 Apr 2025 17:44

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#15

Tgt Ion: 98 Resp: 460286

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.5	78.7

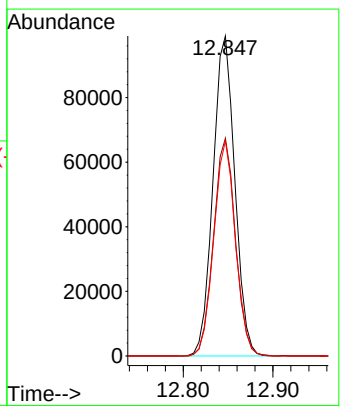


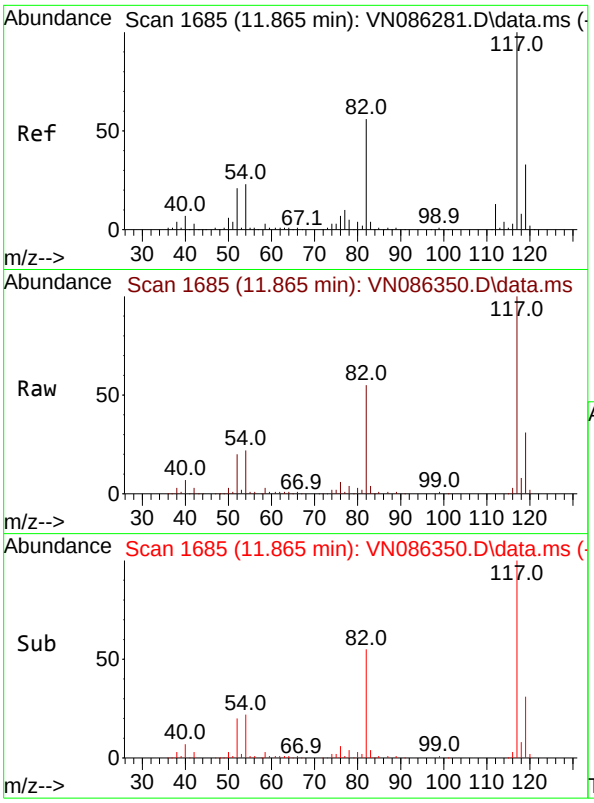


#62
4-Bromofluorobenzene
Concen: 51.652 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086350.D
Acq: 18 Apr 2025 17:44

Tgt Ion: 95 Resp: 167391

Ion	Ratio	Lower	Upper
95	100		
174	68.0	0.0	133.4
176	66.5	0.0	129.2



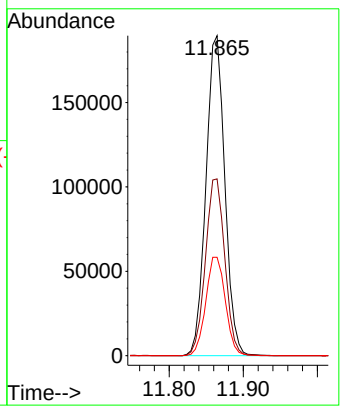


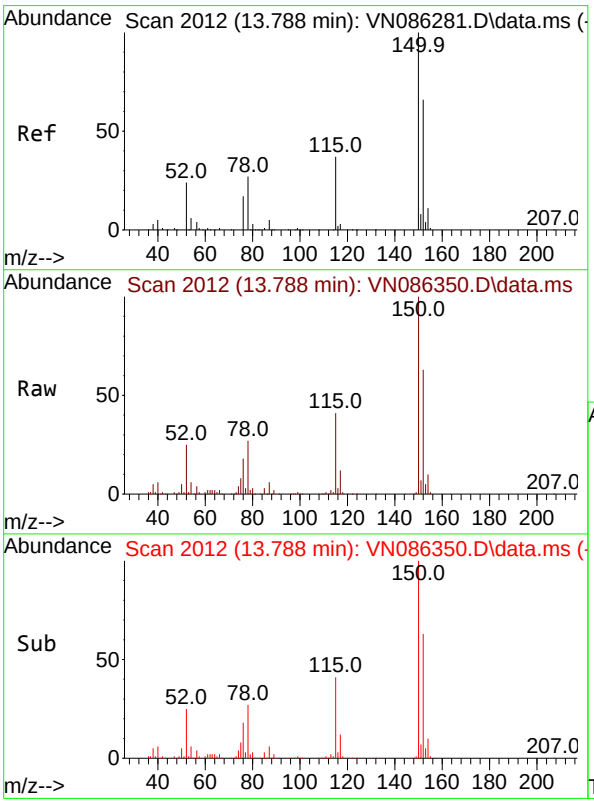
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086350.D
Acq: 18 Apr 2025 17:44

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#15

Tgt Ion:117 Resp: 335469

Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.7	67.1
119	30.8	26.4	39.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086350.D
Acq: 18 Apr 2025 17:44

Tgt Ion:152 Resp: 145310

Ion	Ratio	Lower	Upper
152	100		
115	62.9	31.9	95.9
150	159.0	0.0	352.0