Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031125\
Data File : VN085939.D
Acq On : 11 Mar 2025 18:16
Operator : JC\MD
Sample : PB167050ZHE#06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167050ZHE#06

Quant Time: Mar 12 01:26:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	151503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	295677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	98627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125056	63.668	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 127.340%#			
35) Dibromofluoromethane	8.165	113	104762	54.147	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.300%			
50) Toluene-d8	10.565	98	388930	55.251	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.500%			
62) 4-Bromofluorobenzene	12.847	95	112811	48.640	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.280%			
Target Compounds						Qvalue
16) Acetone	4.430	43	28478	45.821	ug/l	98
20) Methylene Chloride	5.283	84	5626	2.815	ug/l	92
43) Isopropyl Acetate	8.689	43	76926	19.114	ug/l #	81

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

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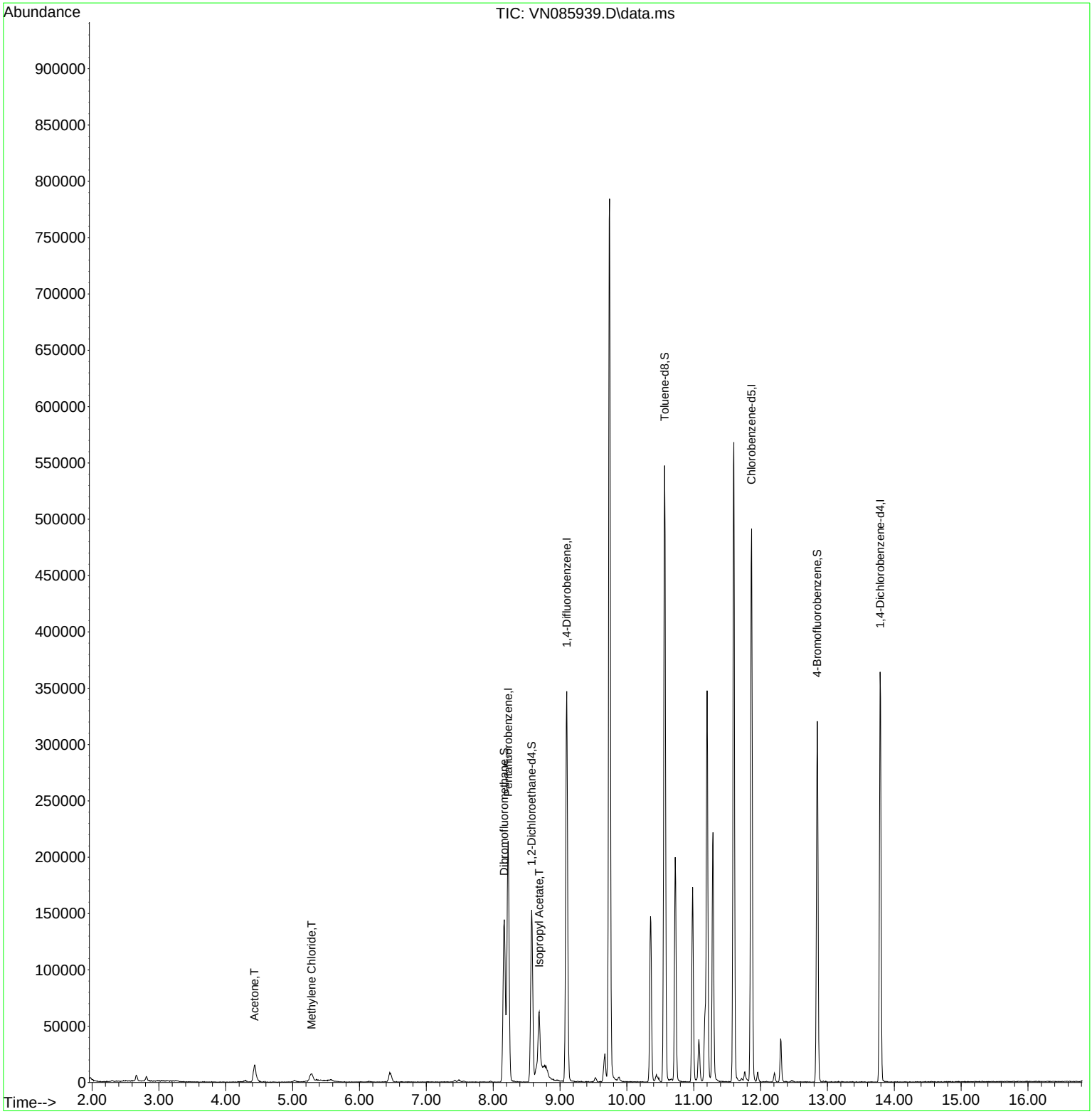
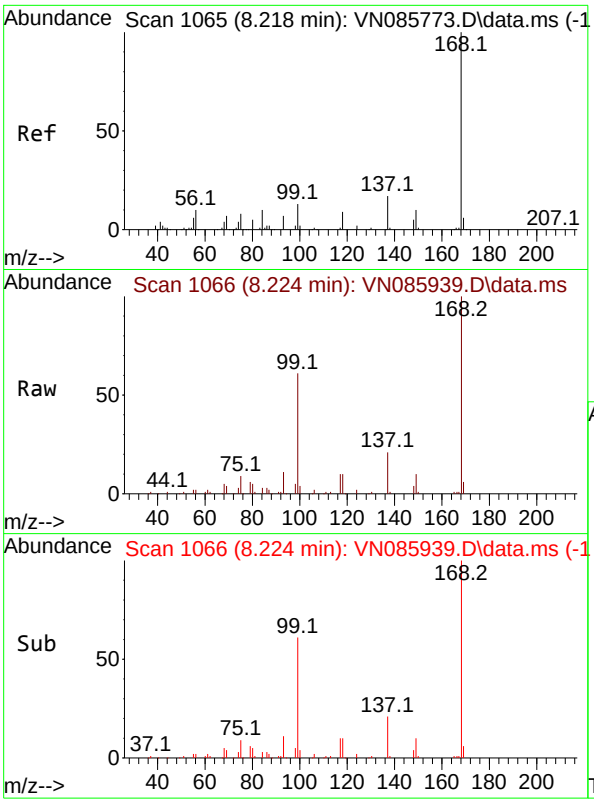


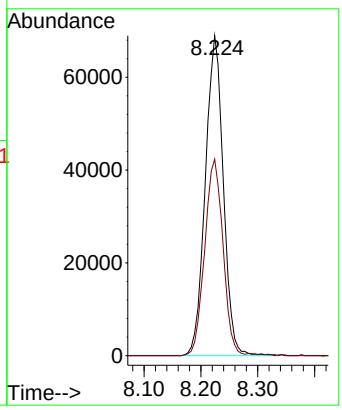


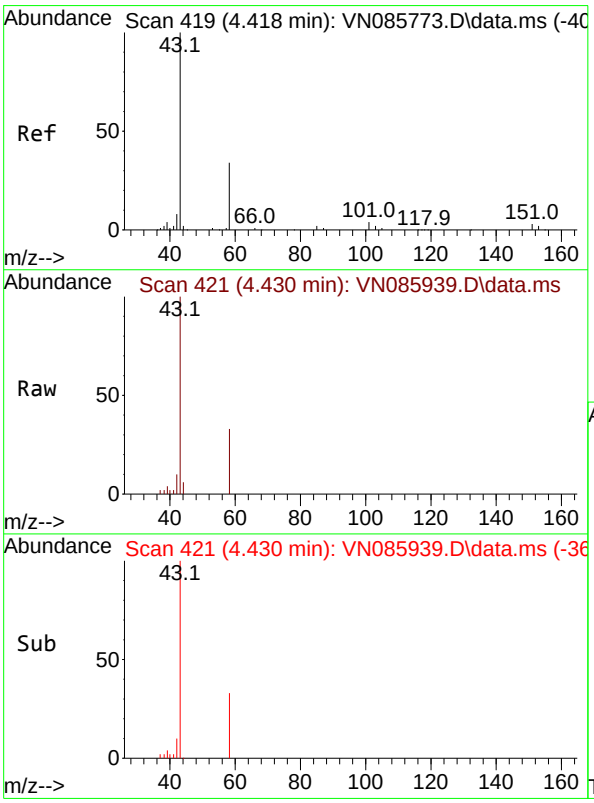
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085939.D
Acq: 11 Mar 2025 18:16

Instrument :
MSVOA_N
ClientSampleId :
PB167050ZHE#06

Tgt Ion:168 Resp: 151503

Ion	Ratio	Lower	Upper
168	100		
99	61.4	47.9	71.9

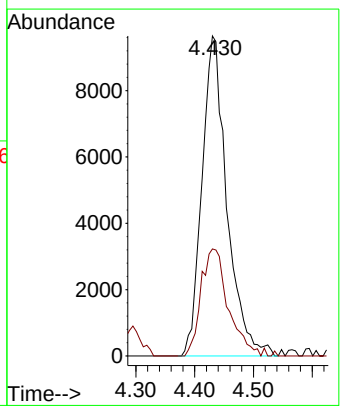


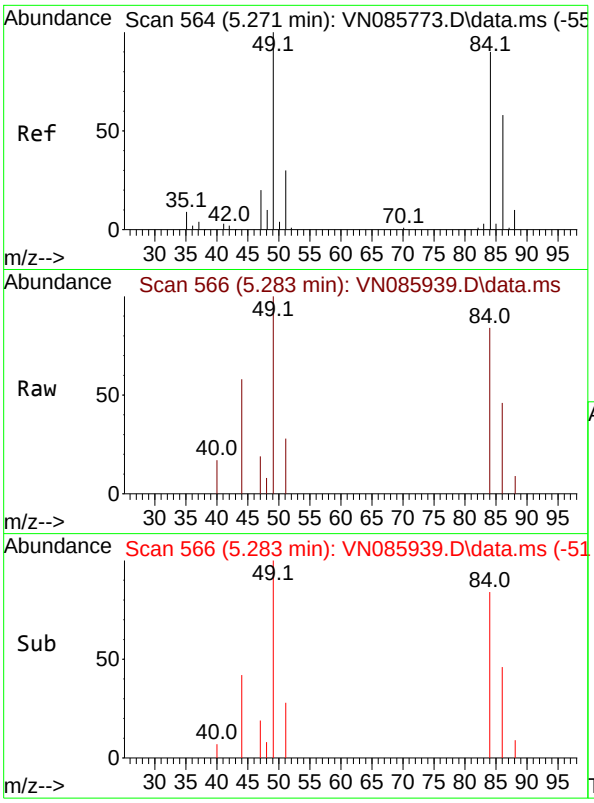


#16
Acetone
Concen: 45.821 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085939.D
Acq: 11 Mar 2025 18:16

Tgt Ion: 43 Resp: 28478

Ion	Ratio	Lower	Upper
43	100		
58	33.4	27.5	41.3



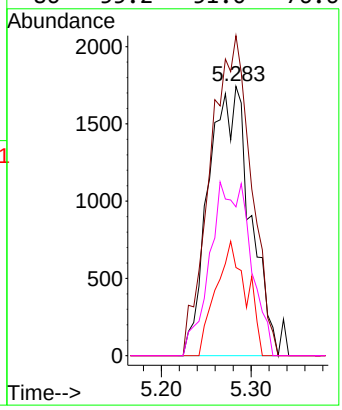


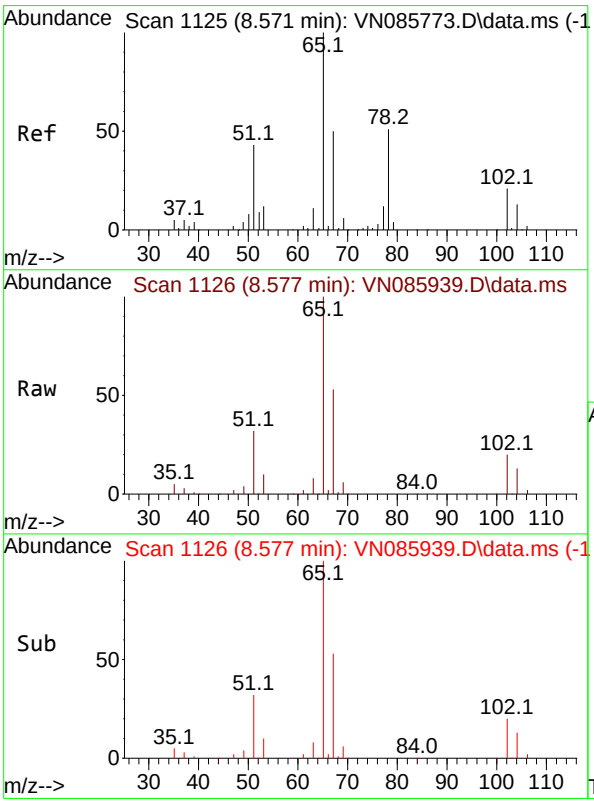
#20
Methylene Chloride
Concen: 2.815 ug/l
RT: 5.283 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN085939.D
Acq: 11 Mar 2025 18:16

Instrument :
MSVOA_N
ClientSampleId :
PB167050ZHE#06

Tgt Ion: 84 Resp: 5626

Ion	Ratio	Lower	Upper
84	100		
49	118.8	88.4	132.6
51	32.8	26.6	40.0
86	55.2	51.0	76.6

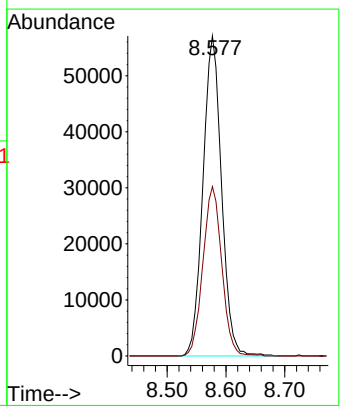


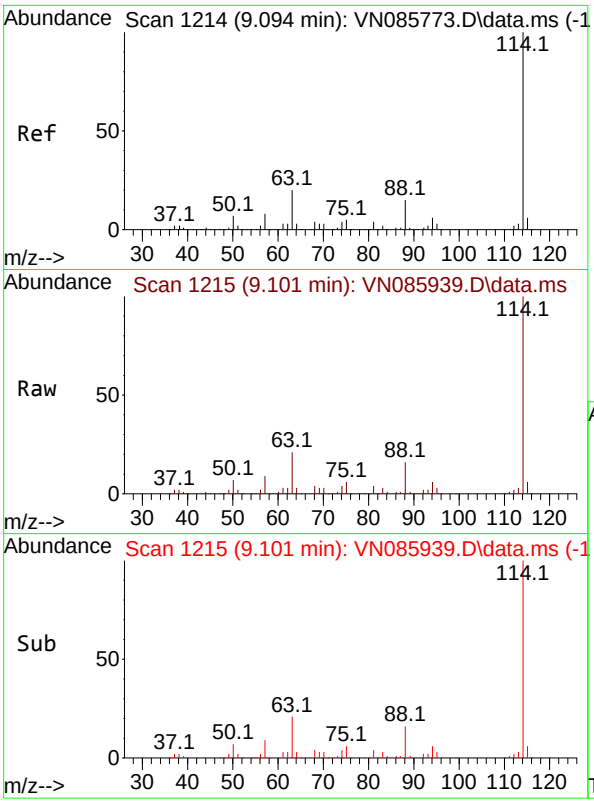


#33
1,2-Dichloroethane-d4
Concen: 63.668 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085939.D
Acq: 11 Mar 2025 18:16

Tgt Ion: 65 Resp: 125056

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	106.2



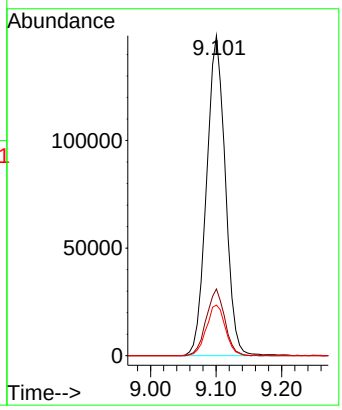


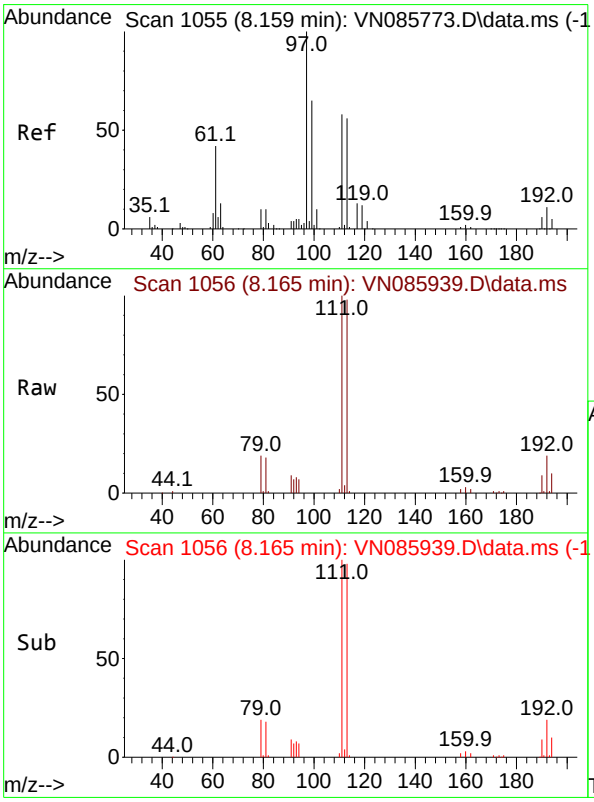
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.101 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085939.D
Acq: 11 Mar 2025 18:16

Instrument :
MSVOA_N
ClientSampleId :
PB167050ZHE#06

Tgt Ion:114 Resp: 295677

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	39.2
88	15.8	0.0	30.0

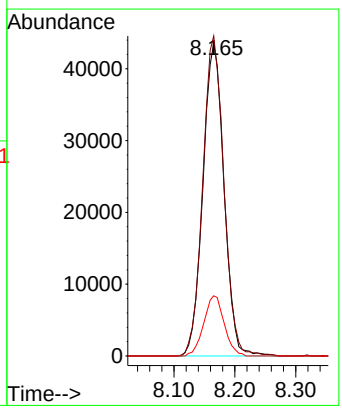


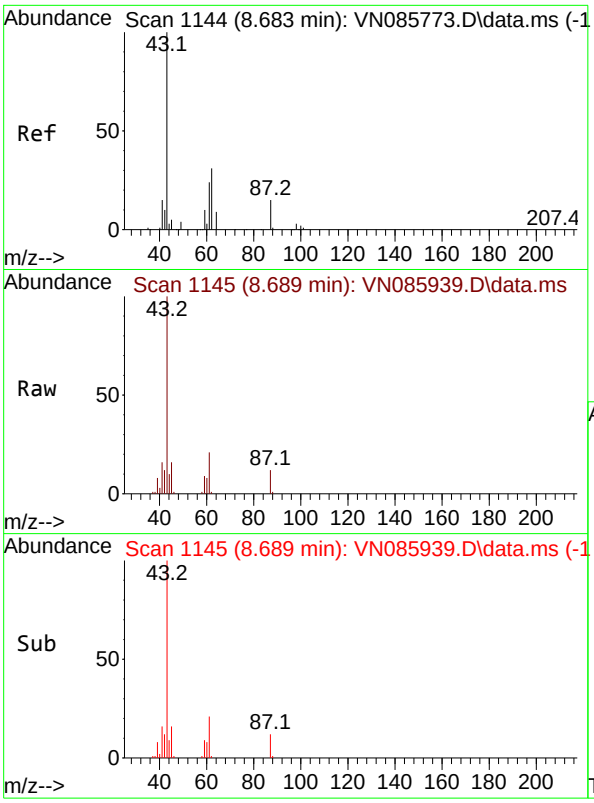


#35
Dibromofluoromethane
Concen: 54.147 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085939.D
Acq: 11 Mar 2025 18:16

Tgt Ion:113 Resp: 104762

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.4
192	18.7	14.7	22.1



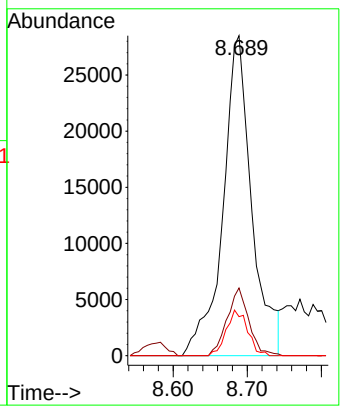


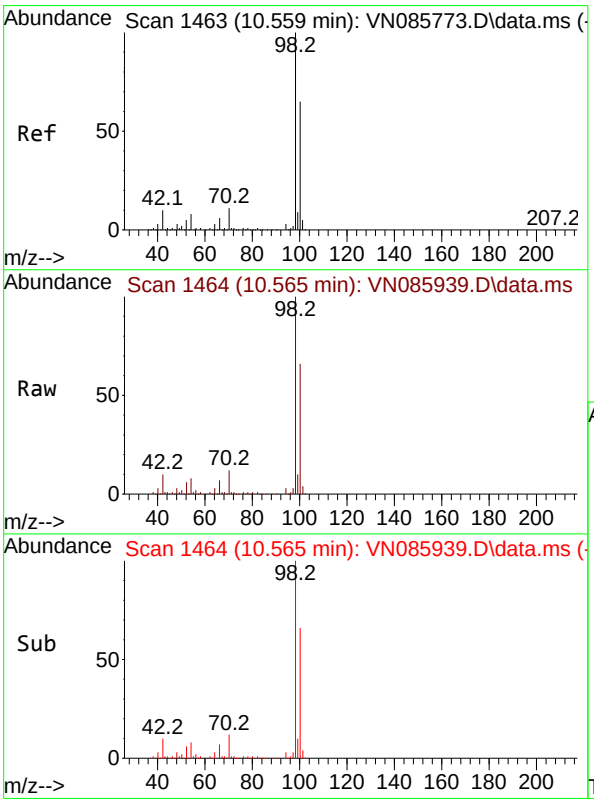
#43
Isopropyl Acetate
Concen: 19.114 ug/l
RT: 8.689 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085939.D
Acq: 11 Mar 2025 18:16

Instrument :
MSVOA_N
ClientSampleId :
PB167050ZHE#06

Tgt Ion: 43 Resp: 76926

Ion	Ratio	Lower	Upper
43	100		
61	16.0	22.6	34.0#
87	10.6	11.8	17.8#

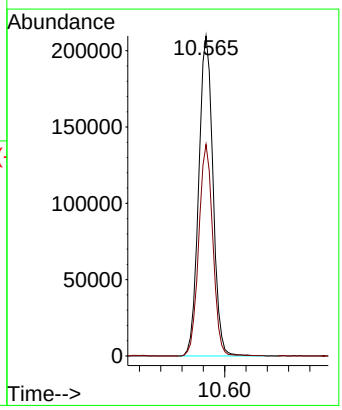


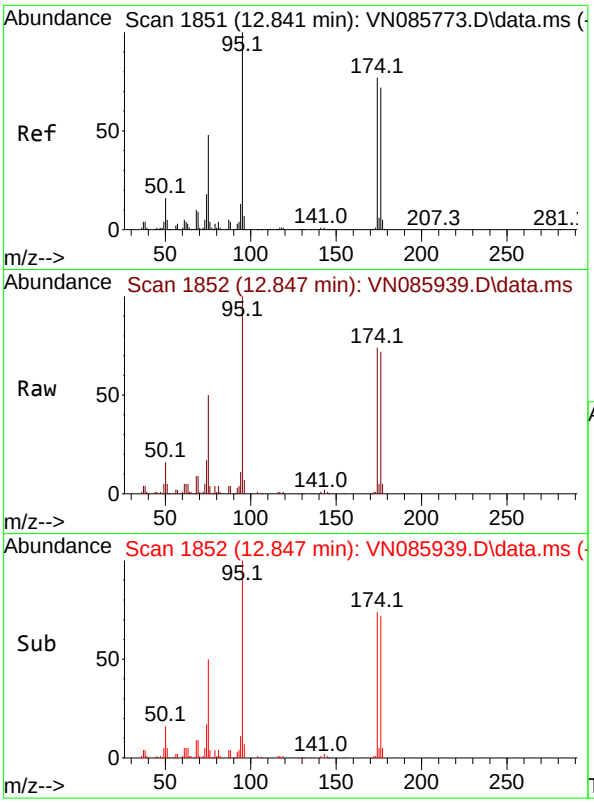


#50
Toluene-d8
Concen: 55.251 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085939.D
Acq: 11 Mar 2025 18:16

Tgt Ion: 98 Resp: 388930

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.1	78.1



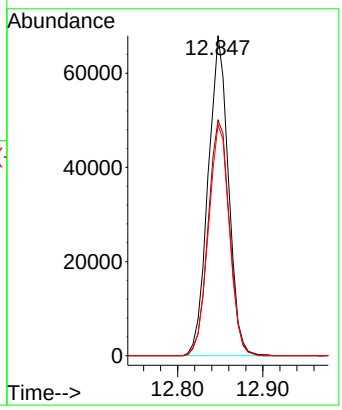


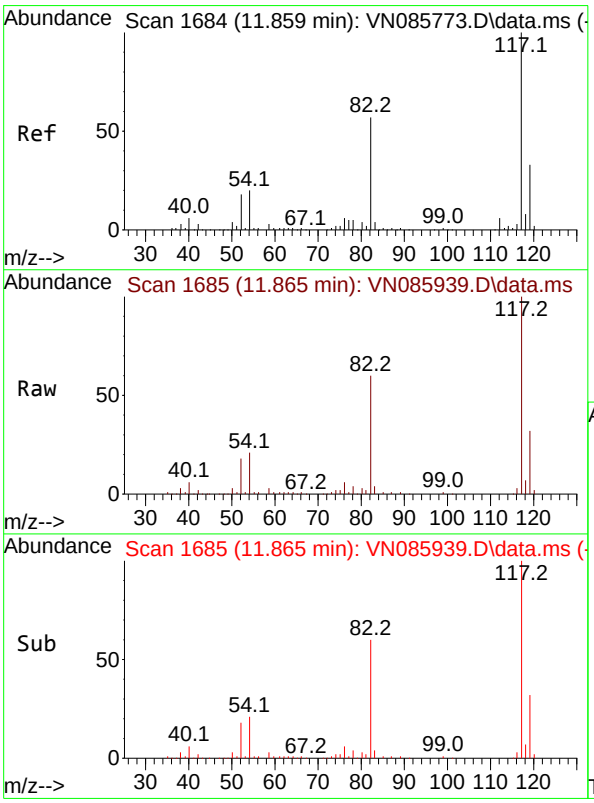
#62
4-Bromofluorobenzene
Concen: 48.640 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085939.D
Acq: 11 Mar 2025 18:16

Instrument :
MSVOA_N
ClientSampleId :
PB167050ZHE#06

Tgt Ion: 95 Resp: 112811

Ion	Ratio	Lower	Upper
95	100		
174	77.1	0.0	152.4
176	74.5	0.0	146.6

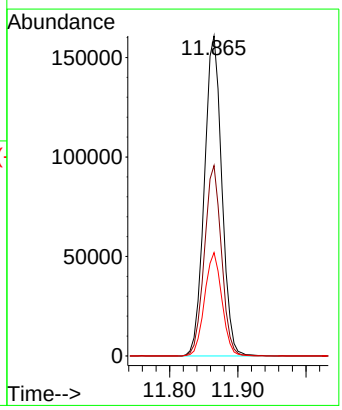


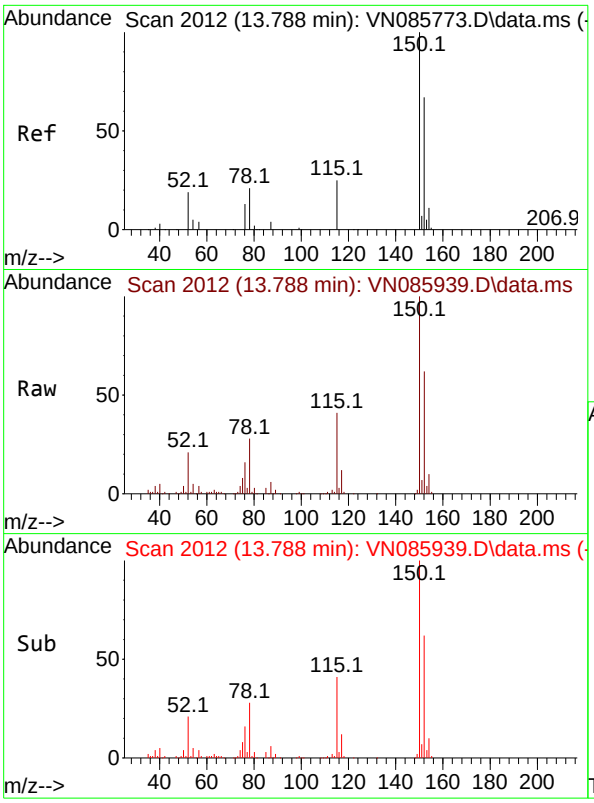


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085939.D
Acq: 11 Mar 2025 18:16

Tgt Ion:117 Resp: 286236

Ion	Ratio	Lower	Upper
117	100		
82	59.5	45.7	68.5
119	32.3	26.2	39.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN085939.D
Acq: 11 Mar 2025 18:16

Instrument :
MSVOA_N
ClientSampleId :
PB167050ZHE#06

Tgt Ion:152 Resp: 98627

Ion	Ratio	Lower	Upper
152	100		
115	63.4	30.4	91.3
150	160.8	0.0	345.4