Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022125\
Data File : VN085811.D
Acq On : 21 Feb 2025 18:39
Operator : JC\MD
Sample : PB166809ZHE#04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB166809ZHE#04

Quant Time: Feb 22 02:39:43 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	8.218	168	230435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	453942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	432809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	151947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	182659	61.141	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 122.280%			
35) Dibromofluoromethane	8.159	113	159146	53.578	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.160%			
50) Toluene-d8	10.565	98	598318	55.363	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.720%			
62) 4-Bromofluorobenzene	12.847	95	173981	48.861	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.720%			
Target Compounds						Qvalue
16) Acetone	4.430	43	35056	37.084	ug/l	99
20) Methylene Chloride	5.271	84	5012	1.649	ug/l	93
30) Chloroform	7.959	83	14079	2.644	ug/l	88
43) Isopropyl Acetate	8.683	43	181470	29.667	ug/l #	87

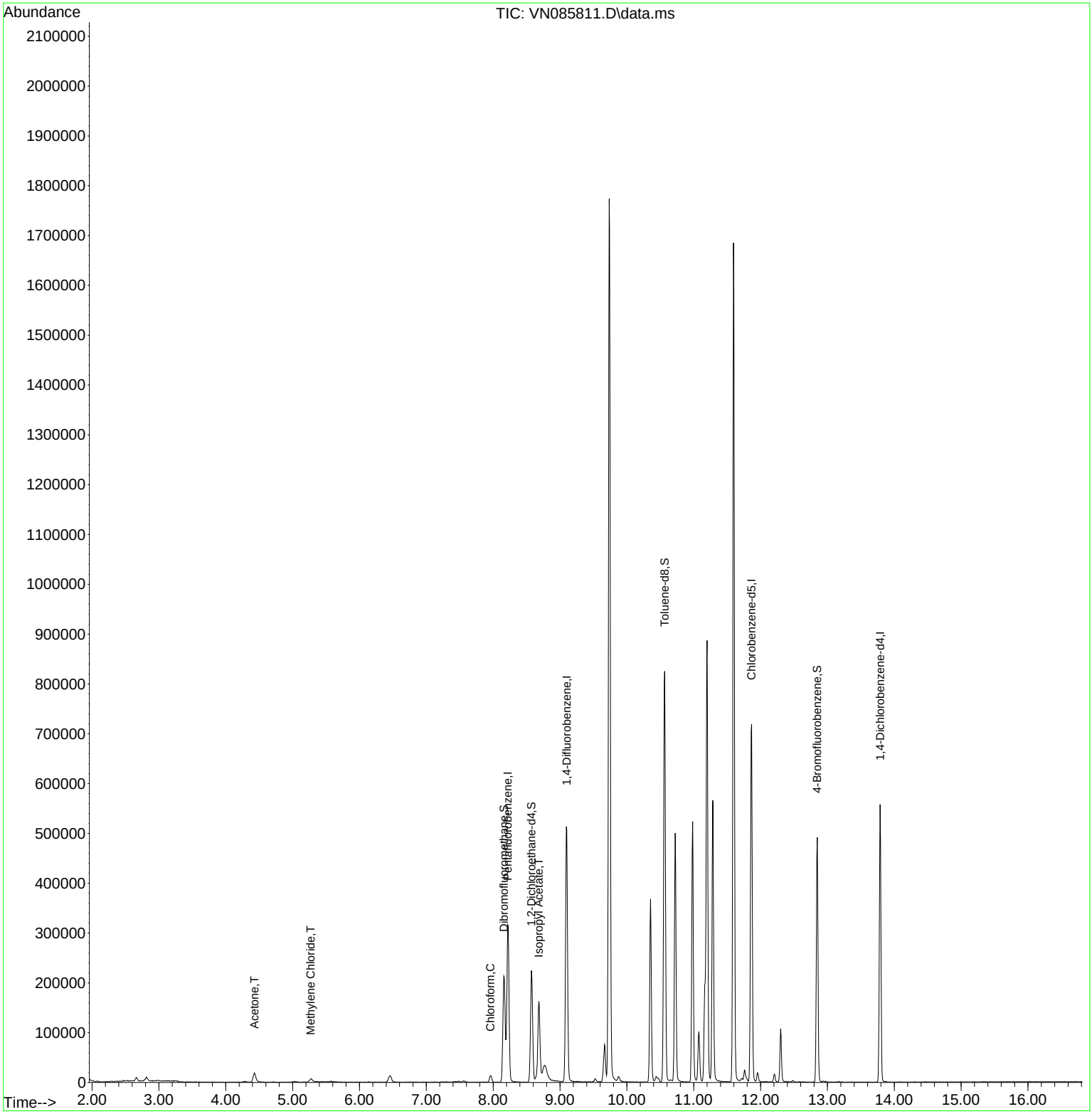
(#) = qualifier out of range (m) = manual integration (+) = signals summed

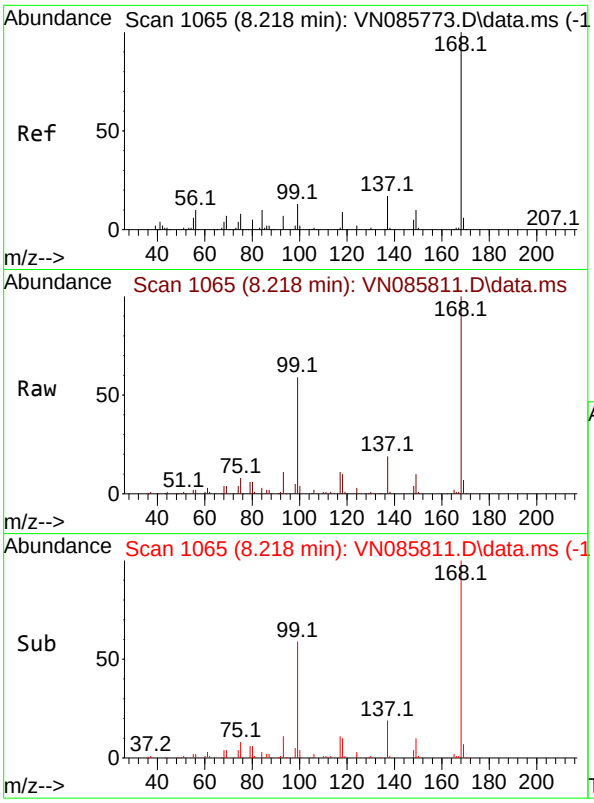
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022125\
Data File : VN085811.D
Acq On : 21 Feb 2025 18:39
Operator : JC\MD
Sample : PB166809ZHE#04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB166809ZHE#04

Quant Time: Feb 22 02:39:43 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



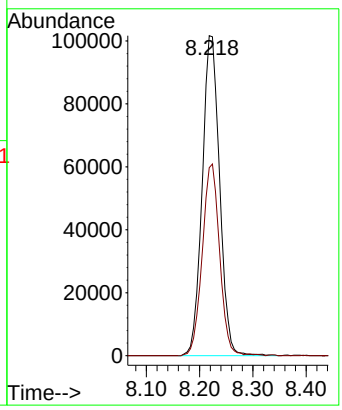


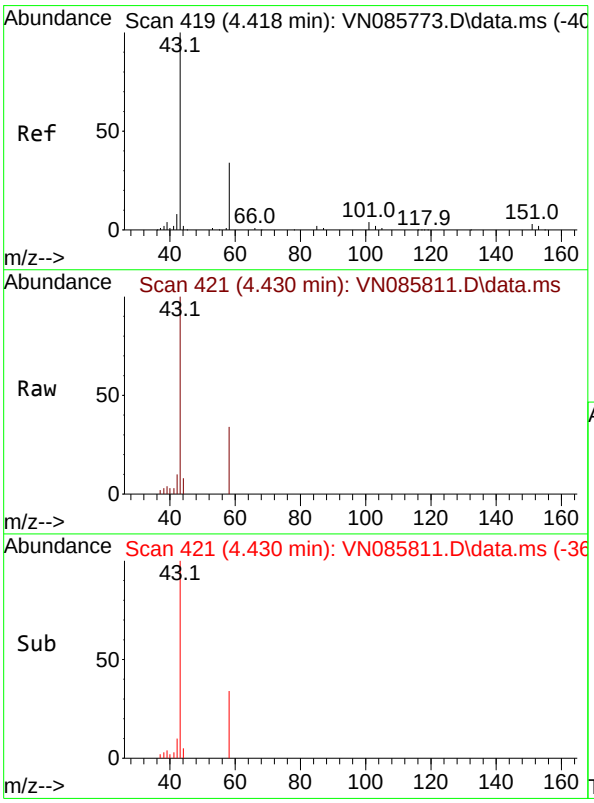
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085811.D
Acq: 21 Feb 2025 18:39

Instrument :
MSVOA_N
ClientSampleId :
PB166809ZHE#04

Tgt Ion:168 Resp: 230435

Ion	Ratio	Lower	Upper
168	100		
99	58.8	47.9	71.9

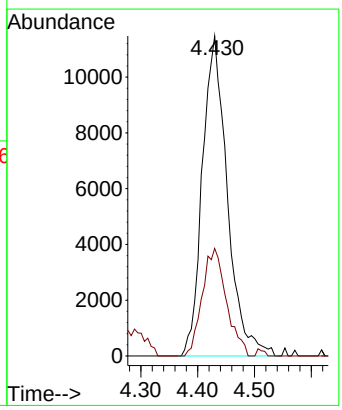


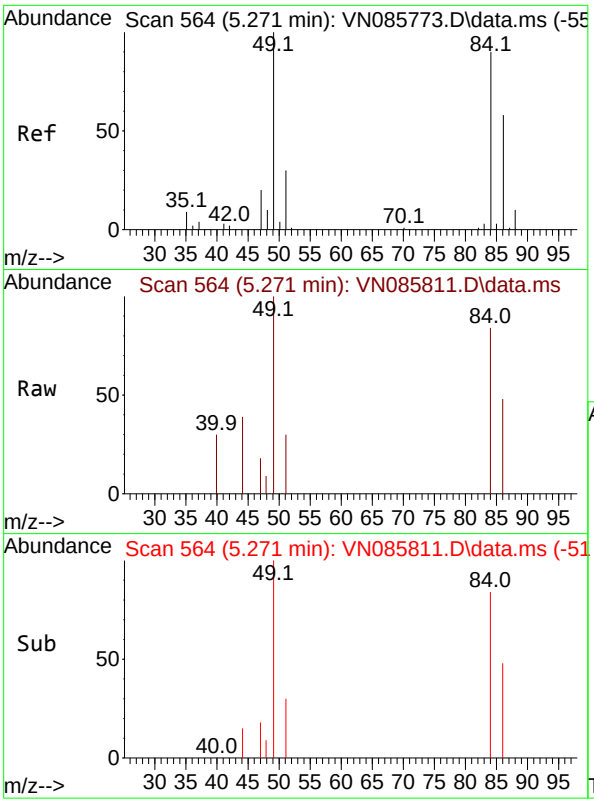


#16
Acetone
Concen: 37.084 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085811.D
Acq: 21 Feb 2025 18:39

Tgt Ion: 43 Resp: 35056

Ion	Ratio	Lower	Upper
43	100		
58	33.6	27.5	41.3



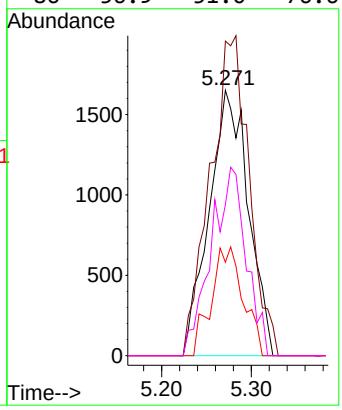


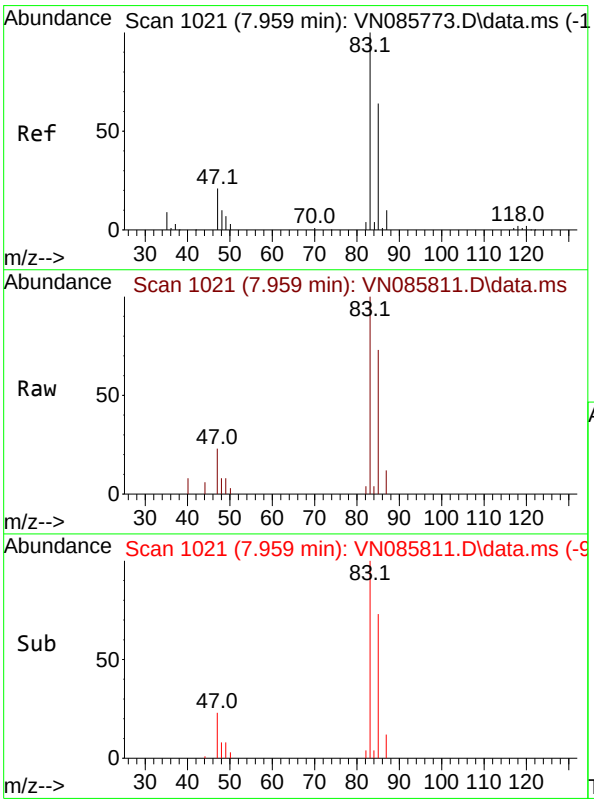
#20
Methylene Chloride
Concen: 1.649 ug/l
RT: 5.271 min Scan# 5
Delta R.T. 0.000 min
Lab File: VN085811.D
Acq: 21 Feb 2025 18:39

Instrument :
MSVOA_N
ClientSampleId :
PB166809ZHE#04

Tgt Ion: 84 Resp: 5012

Ion	Ratio	Lower	Upper
84	100		
49	118.5	88.4	132.6
51	35.2	26.6	40.0
86	56.9	51.0	76.6

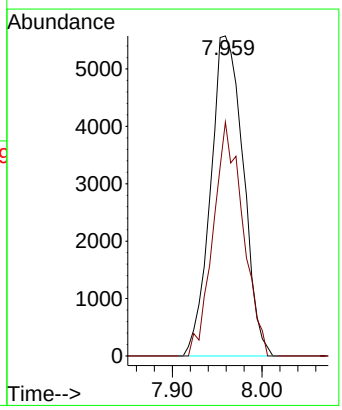


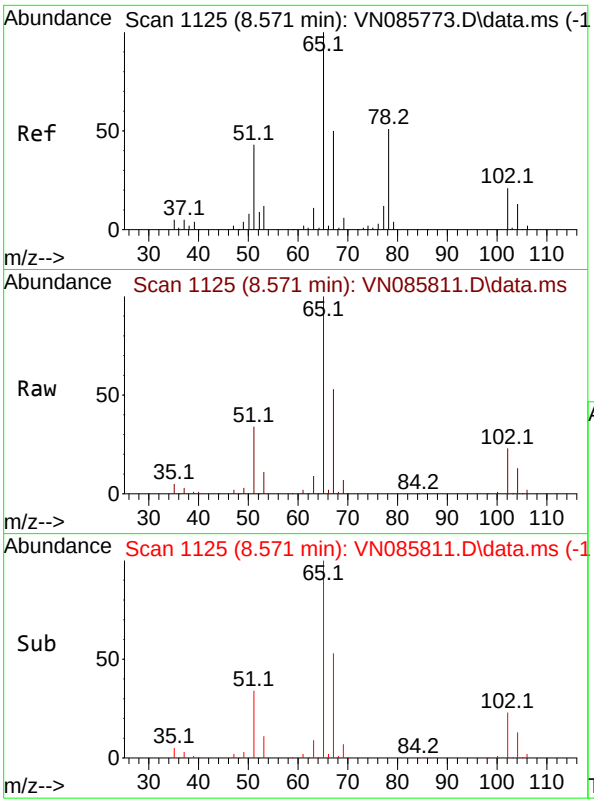


#30
Chloroform
Concen: 2.644 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085811.D
Acq: 21 Feb 2025 18:39

Tgt Ion: 83 Resp: 14079

Ion	Ratio	Lower	Upper
83	100		
85	73.1	50.9	76.3



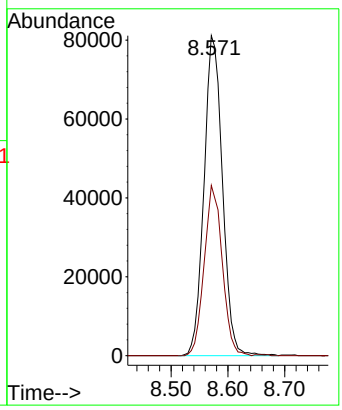


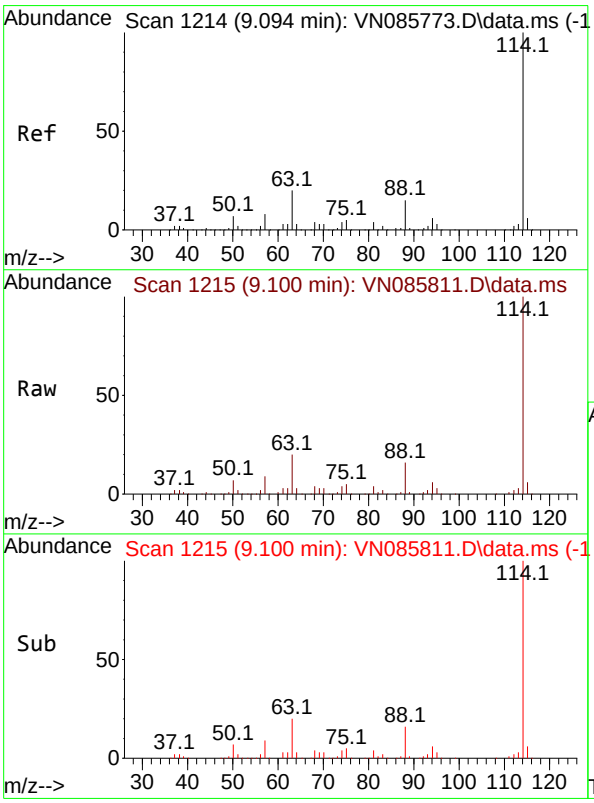
#33
1,2-Dichloroethane-d4
Concen: 61.141 ug/l
RT: 8.571 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085811.D
Acq: 21 Feb 2025 18:39

Instrument :
MSVOA_N
ClientSampleId :
PB166809ZHE#04

Tgt Ion: 65 Resp: 182659

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	106.2

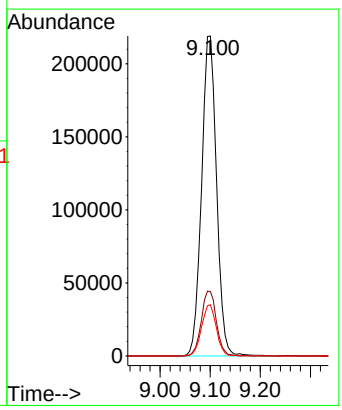


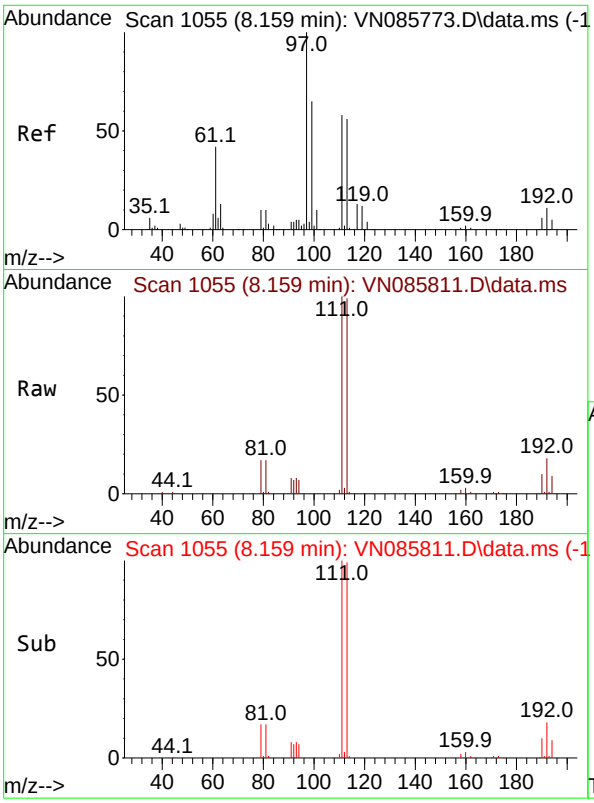


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085811.D
Acq: 21 Feb 2025 18:39

Tgt Ion:114 Resp: 453942

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.2
88	16.0	0.0	30.0



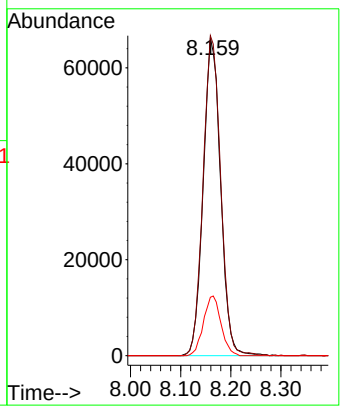


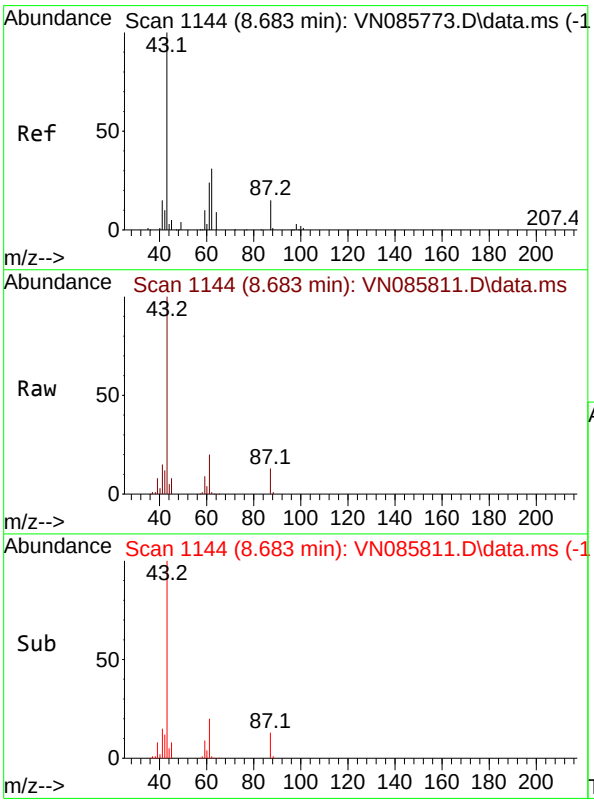
#35
Dibromofluoromethane
Concen: 53.578 ug/l
RT: 8.159 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN085811.D
Acq: 21 Feb 2025 18:39

Instrument :
MSVOA_N
ClientSampleId :
PB166809ZHE#04

Tgt Ion:113 Resp: 159146

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.4
192	19.0	14.7	22.1

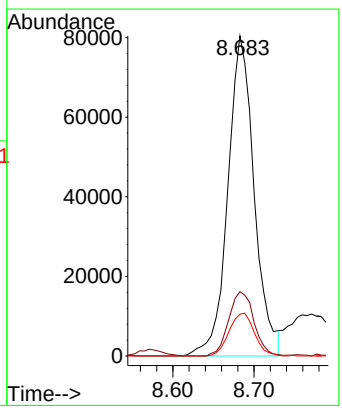


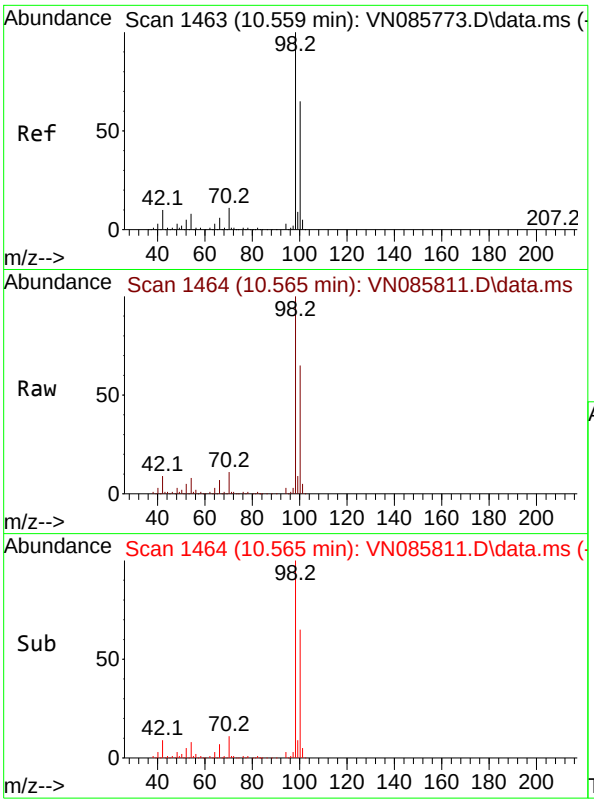


#43
Isopropyl Acetate
Concen: 29.667 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085811.D
Acq: 21 Feb 2025 18:39

Tgt Ion: 43 Resp: 181470

Ion	Ratio	Lower	Upper
43	100		
61	19.3	22.6	34.0#
87	12.8	11.8	17.8



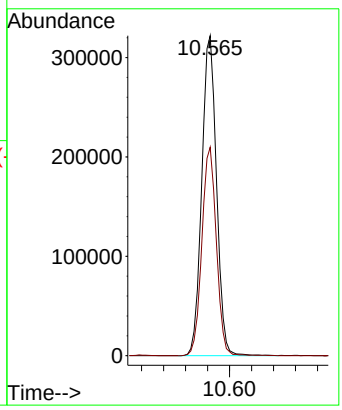


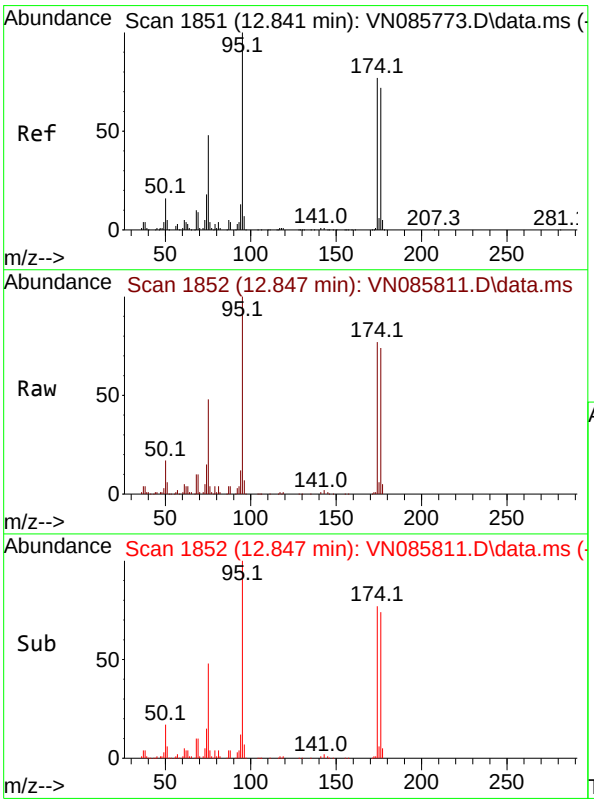
#50
Toluene-d8
Concen: 55.363 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN085811.D
Acq: 21 Feb 2025 18:39

Instrument :
MSVOA_N
ClientSampleId :
PB166809ZHE#04

Tgt Ion: 98 Resp: 598318

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.1	78.1

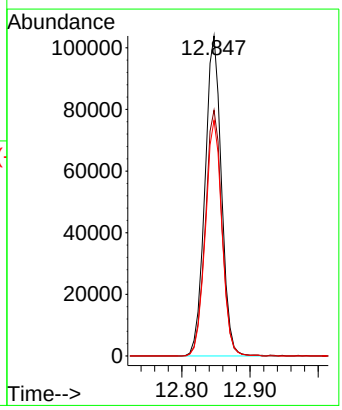


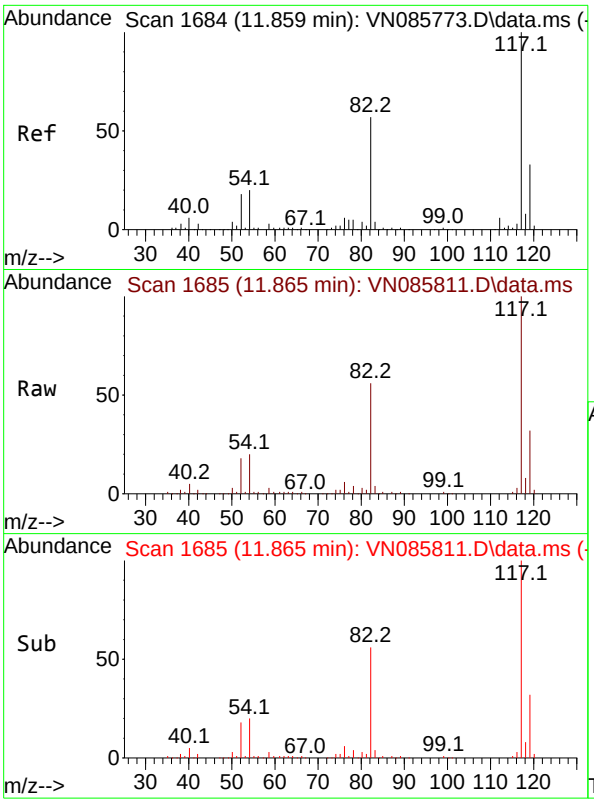


#62
4-Bromofluorobenzene
Concen: 48.861 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085811.D
Acq: 21 Feb 2025 18:39

Tgt Ion: 95 Resp: 173981

Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	152.4
176	73.9	0.0	146.6



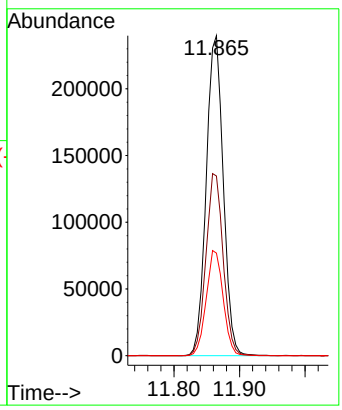


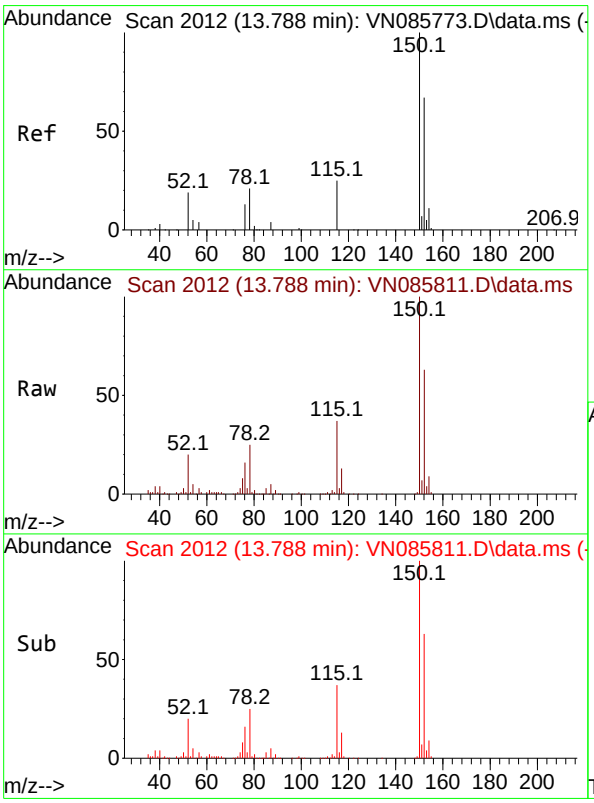
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085811.D
Acq: 21 Feb 2025 18:39

Instrument :
MSVOA_N
ClientSampleId :
PB166809ZHE#04

Tgt Ion:117 Resp: 432809

Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.7	68.5
119	32.1	26.2	39.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085811.D
Acq: 21 Feb 2025 18:39

Tgt Ion:152 Resp: 151947

Ion	Ratio	Lower	Upper
152	100		
115	59.8	30.4	91.3
150	159.4	0.0	345.4