Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031125\
Data File : VN085948.D
Acq On : 11 Mar 2025 21:53
Operator : JC\MD
Sample : Q1514-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ENV-105-SB02

Quant Time: Mar 12 01:31:50 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	150437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	296435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	287045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116697	59.833	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.660%			
35) Dibromofluoromethane	8.159	113	98753	50.911	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.820%			
50) Toluene-d8	10.565	98	358054	50.735	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.480%			
62) 4-Bromofluorobenzene	12.847	95	114862	49.398	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.800%			
Target Compounds						Qvalue
16) Acetone	4.430	43	23134	37.486	ug/l	99
20) Methylene Chloride	5.283	84	5982	3.014	ug/l #	85
43) Isopropyl Acetate	8.688	43	70964	17.544	ug/l #	79

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

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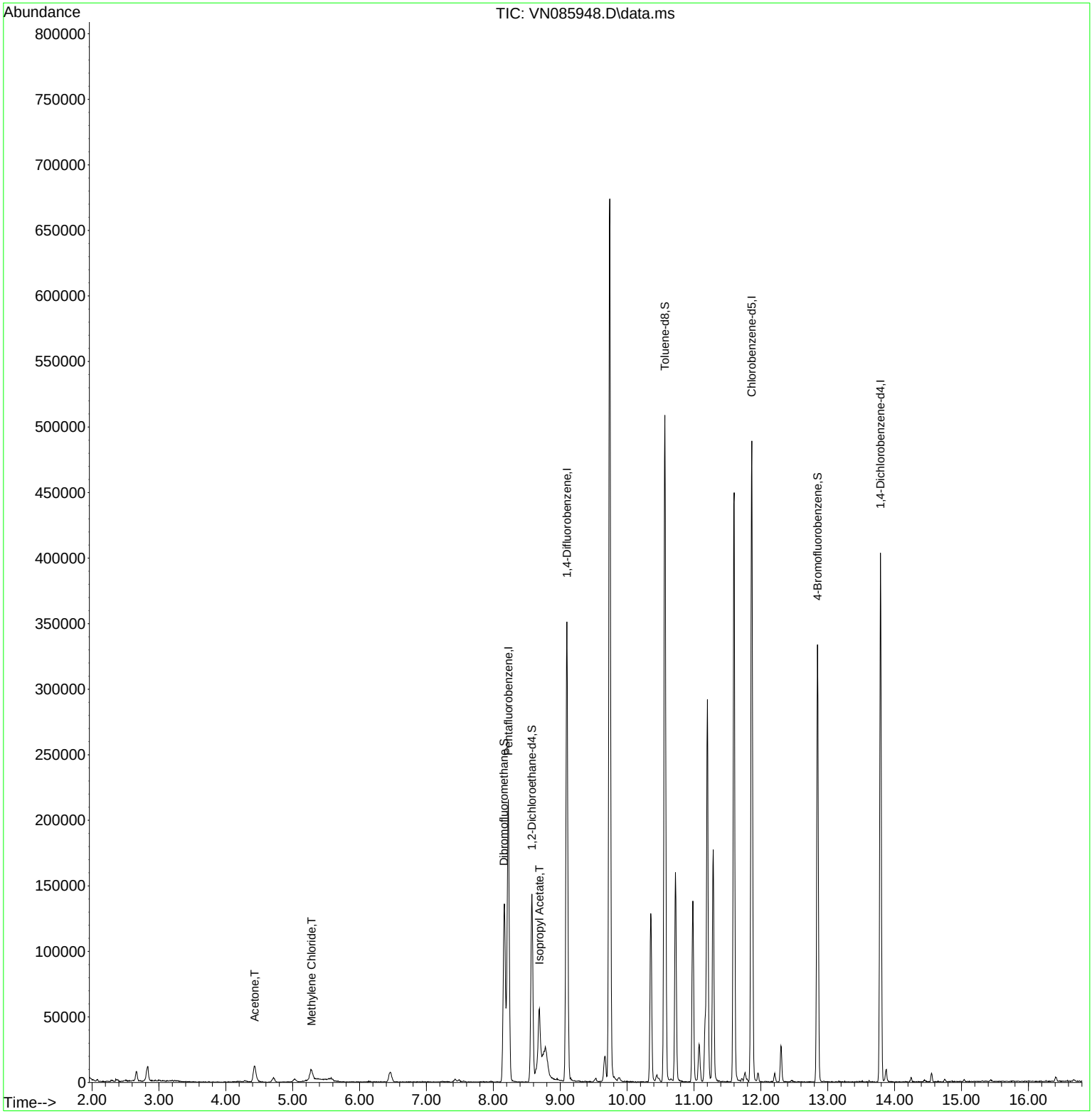
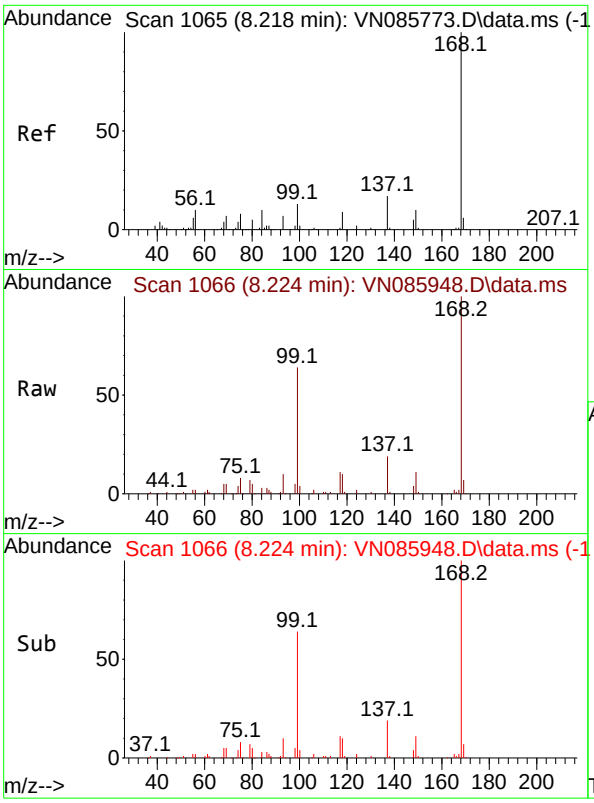


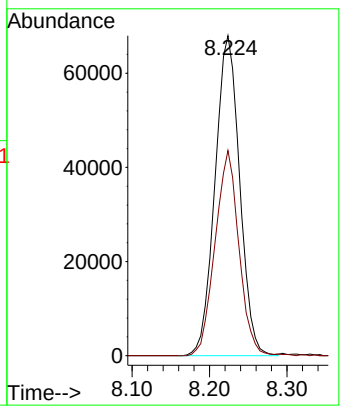


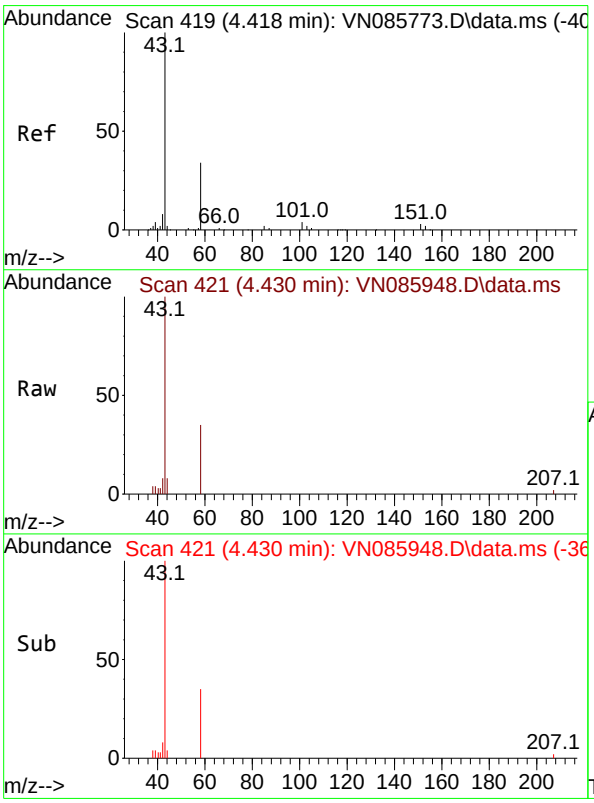
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085948.D
Acq: 11 Mar 2025 21:53

Instrument :
MSVOA_N
ClientSampleId :
ENV-105-SB02

Tgt Ion:168 Resp: 150437

Ion	Ratio	Lower	Upper
168	100		
99	64.1	47.9	71.9

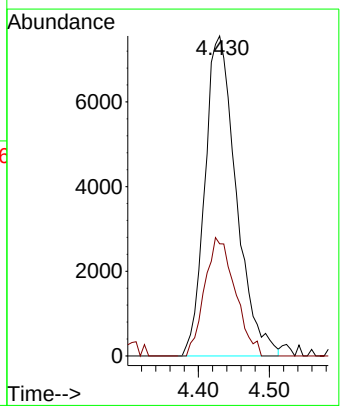


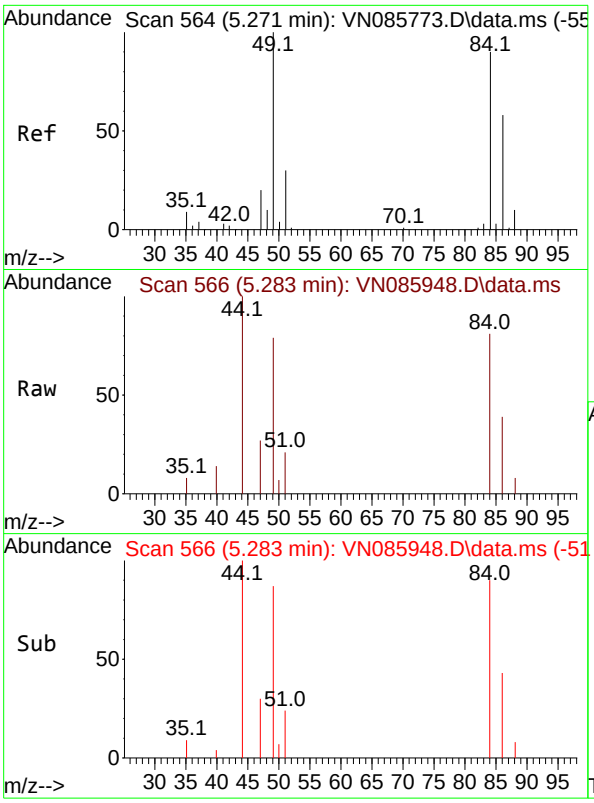


#16
Acetone
Concen: 37.486 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085948.D
Acq: 11 Mar 2025 21:53

Tgt Ion: 43 Resp: 23134

Ion	Ratio	Lower	Upper
43	100		
58	35.1	27.5	41.3



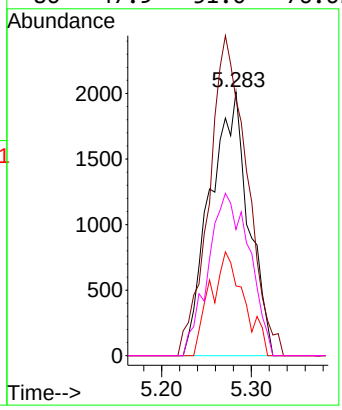


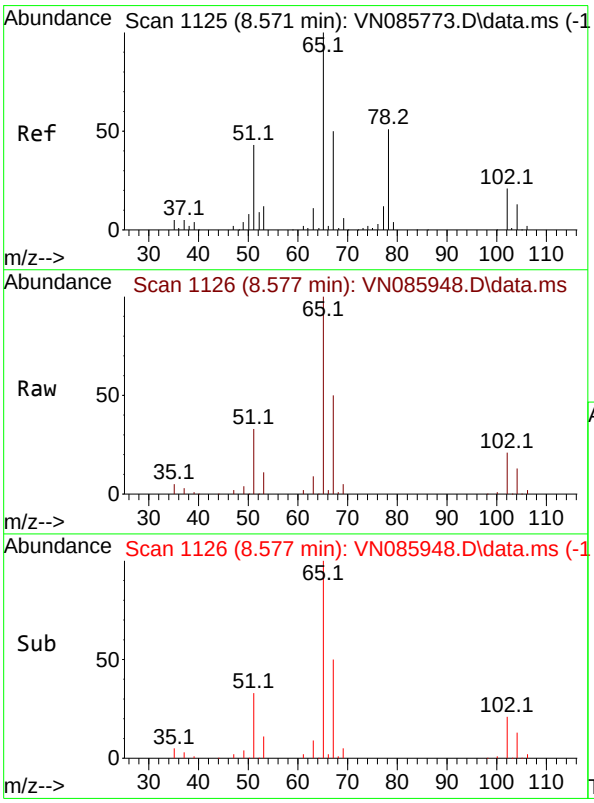
#20
Methylene Chloride
Concen: 3.014 ug/l
RT: 5.283 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN085948.D
Acq: 11 Mar 2025 21:53

Instrument :
MSVOA_N
ClientSampleId :
ENV-105-SB02

Tgt Ion: 84 Resp: 5982

Ion	Ratio	Lower	Upper
84	100		
49	97.2	88.4	132.6
51	26.4	26.6	40.0#
86	47.9	51.0	76.6#

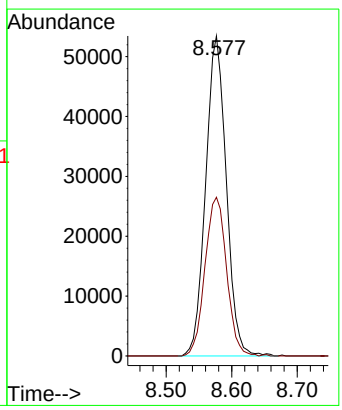


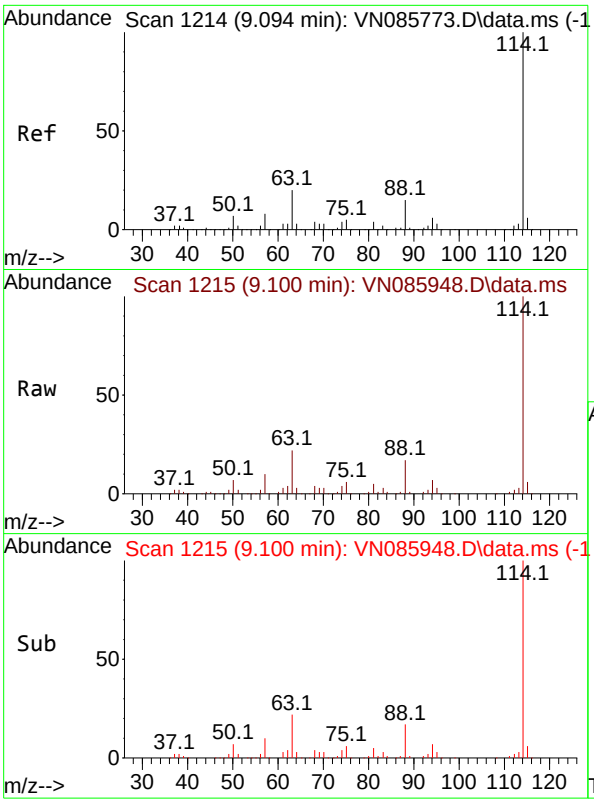


#33
1,2-Dichloroethane-d4
Concen: 59.833 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085948.D
Acq: 11 Mar 2025 21:53

Tgt Ion: 65 Resp: 116697

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	106.2



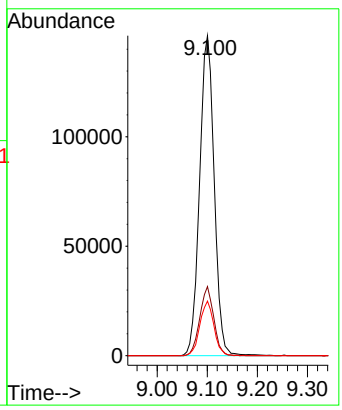


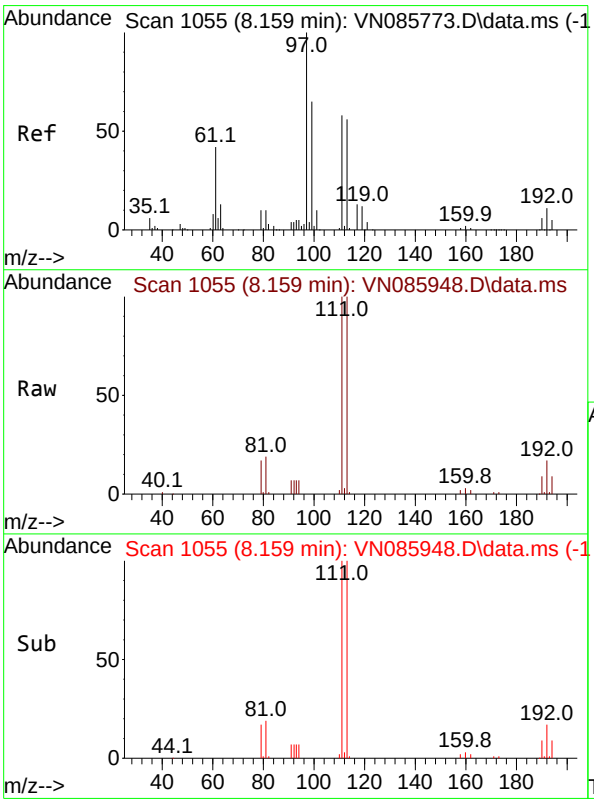
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085948.D
Acq: 11 Mar 2025 21:53

Instrument :
MSVOA_N
ClientSampleId :
ENV-105-SB02

Tgt Ion:114 Resp: 296435

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	39.2
88	17.0	0.0	30.0

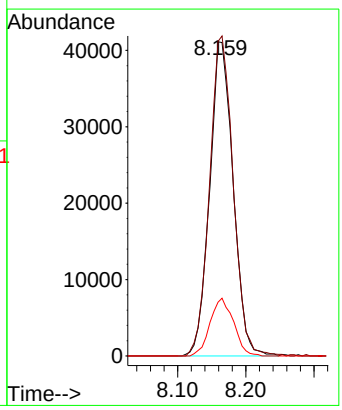


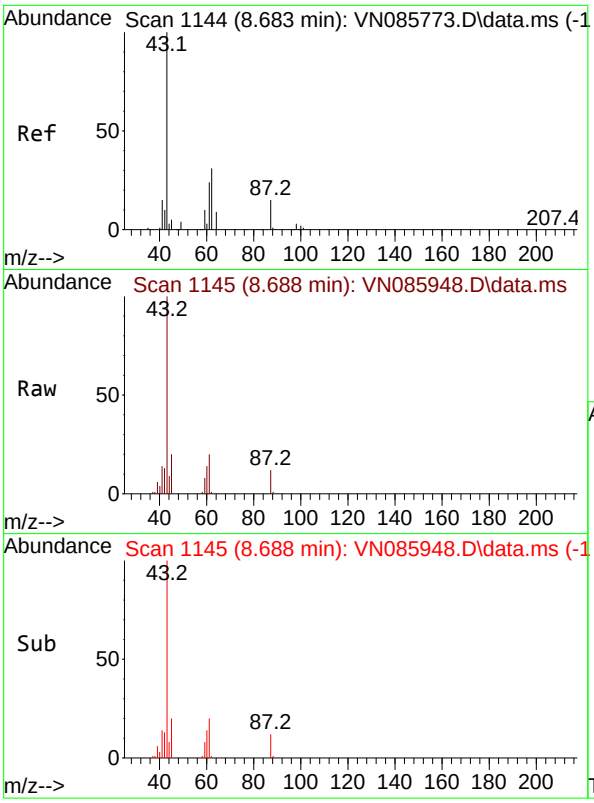


#35
Dibromofluoromethane
Concen: 50.911 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN085948.D
Acq: 11 Mar 2025 21:53

Tgt Ion:113 Resp: 98753

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	18.4	14.7	22.1



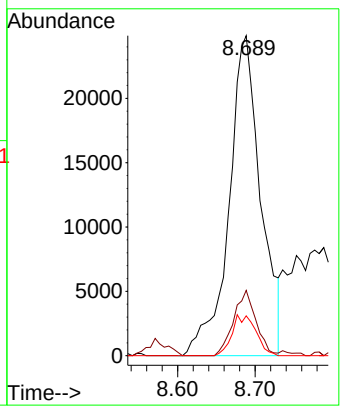


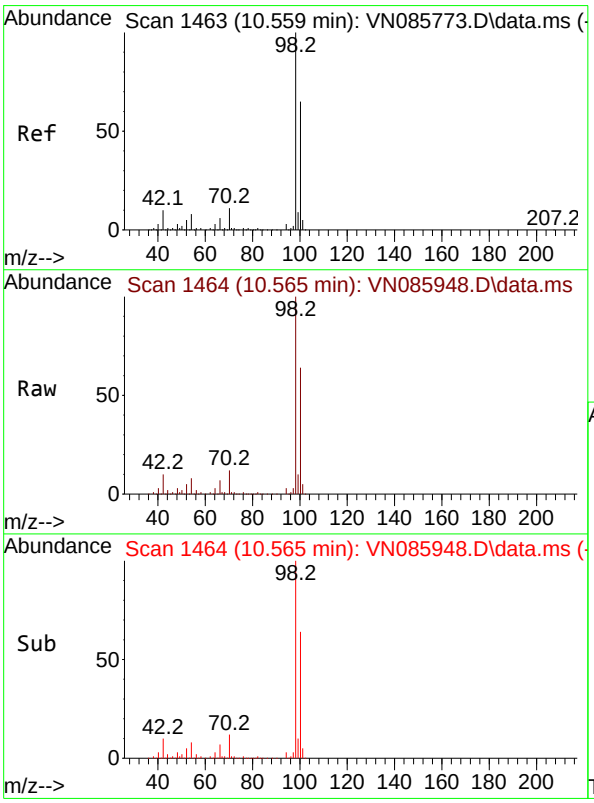
#43
Isopropyl Acetate
Concen: 17.544 ug/l
RT: 8.688 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN085948.D
Acq: 11 Mar 2025 21:53

Instrument :
MSVOA_N
ClientSampleId :
ENV-105-SB02

Tgt Ion: 43 Resp: 70964

Ion	Ratio	Lower	Upper
43	100		
61	14.5	22.6	34.0#
87	9.6	11.8	17.8#

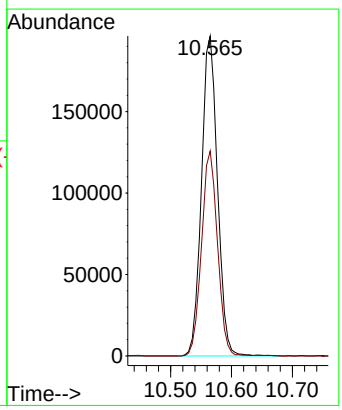


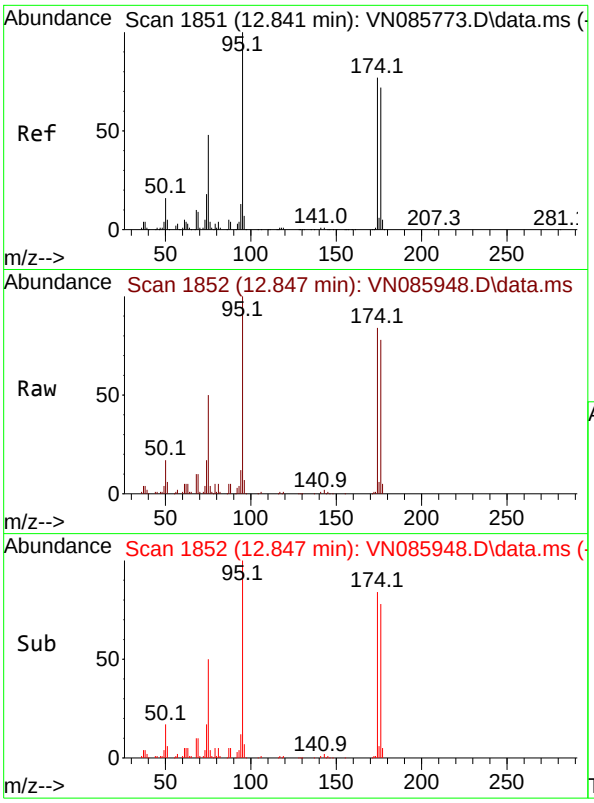


#50
Toluene-d8
Concen: 50.735 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085948.D
Acq: 11 Mar 2025 21:53

Tgt Ion: 98 Resp: 358054

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.1	78.1



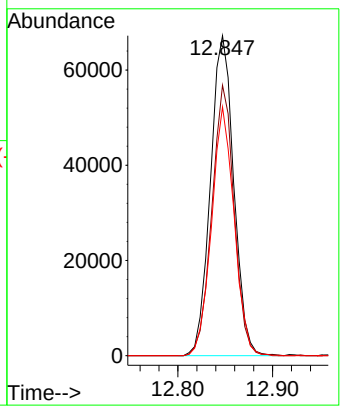


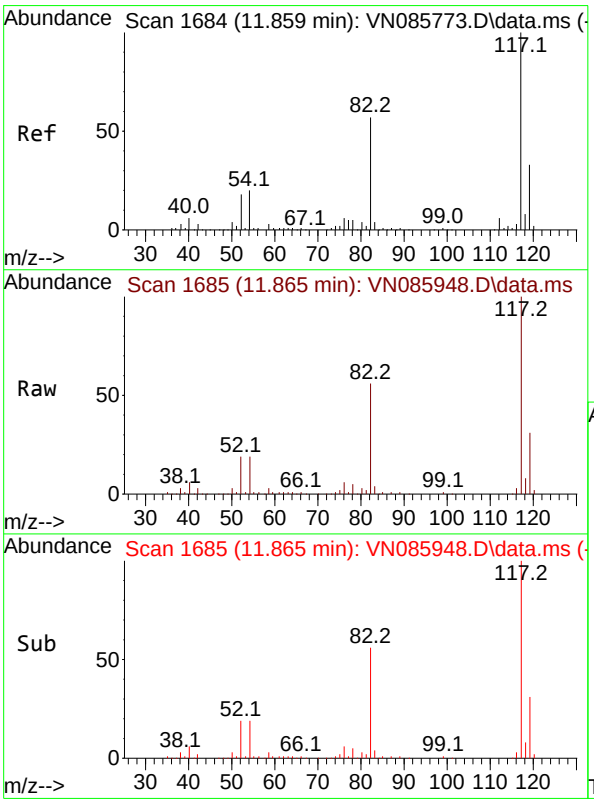
#62
4-Bromofluorobenzene
Concen: 49.398 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085948.D
Acq: 11 Mar 2025 21:53

Instrument :
MSVOA_N
ClientSampleId :
ENV-105-SB02

Tgt Ion: 95 Resp: 114862

Ion	Ratio	Lower	Upper
95	100		
174	80.8	0.0	152.4
176	75.3	0.0	146.6

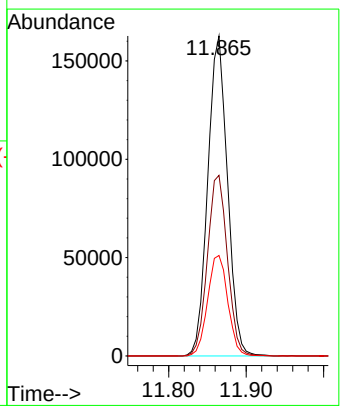


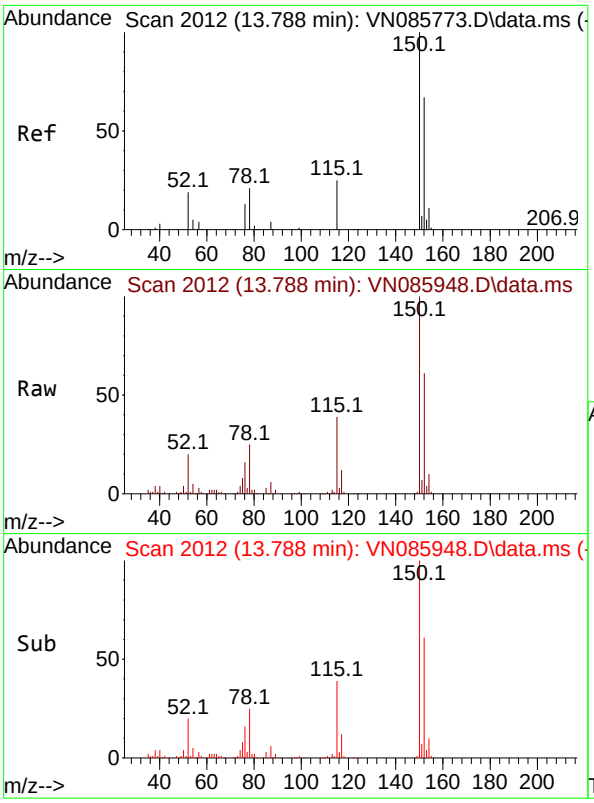


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085948.D
Acq: 11 Mar 2025 21:53

Tgt Ion:117 Resp: 287045

Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.7	68.5
119	31.4	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: VN085948.D
Acq: 11 Mar 2025 21:53

Instrument :
MSVOA_N
ClientSampleId :
ENV-105-SB02

Tgt Ion:152 Resp: 110049

Ion	Ratio	Lower	Upper
152	100		
115	61.6	30.4	91.3
150	159.3	0.0	345.4