Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111825\
Data File : VN088314.D
Acq On : 18 Nov 2025 13:26
Operator : JC\MD
Sample : Q3660-01DL 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-M21012DL

Quant Time: Nov 19 03:34:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	181013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	414617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	408427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	191561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	175524	56.076	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.160%			
35) Dibromofluoromethane	8.153	113	137837	49.485	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.980%			
50) Toluene-d8	10.547	98	485916	45.274	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 90.540%			
62) 4-Bromofluorobenzene	12.829	95	166322	43.880	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 87.760%			
Target Compounds						Qvalue
16) Acetone	4.430	43	14574	9.268	ug/l #	85
44) Trichloroethene	9.330	130	2993	1.034	ug/l	66
64) Tetrachloroethene	11.082	164	102203	37.936	ug/l	97

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

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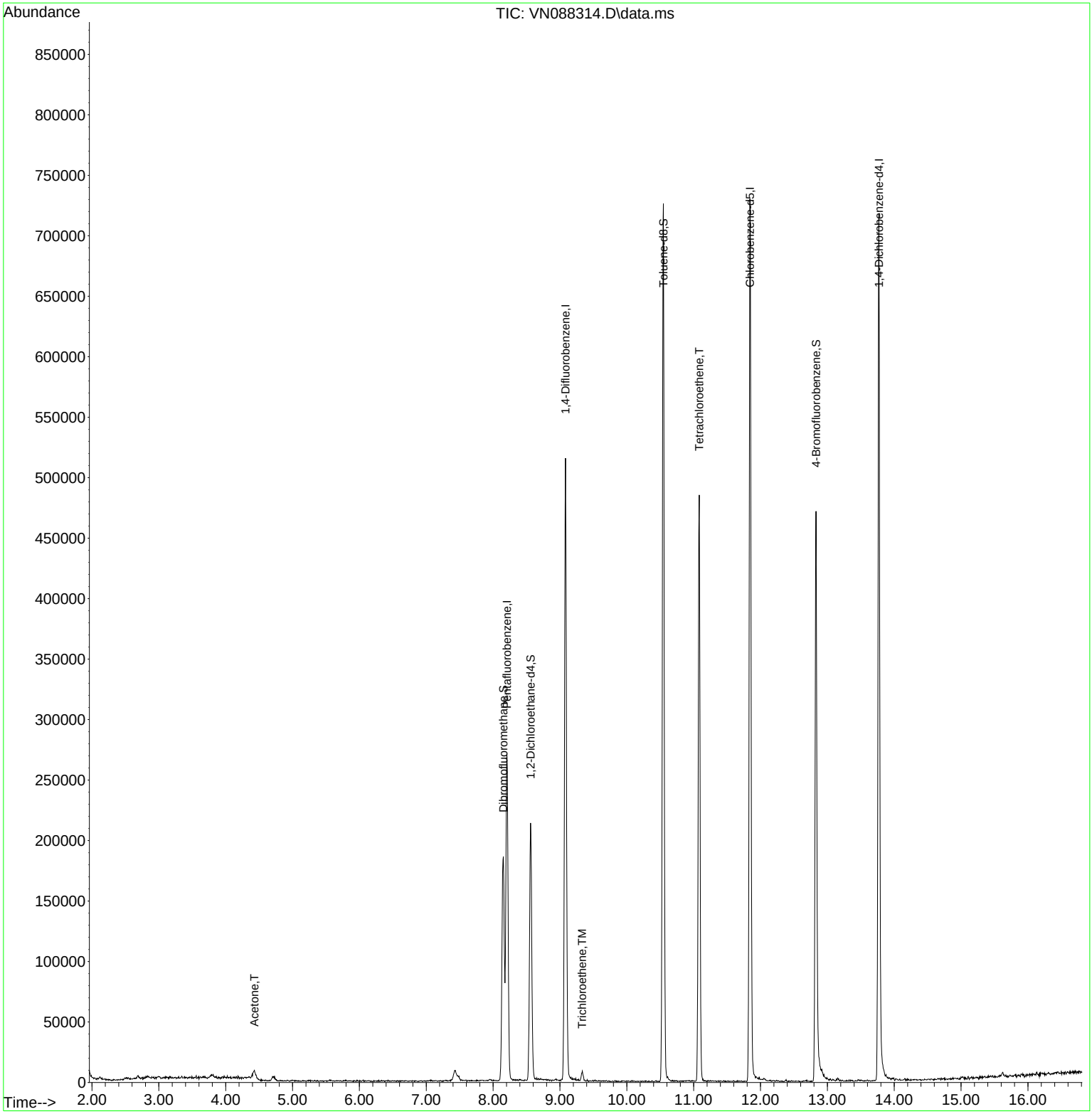
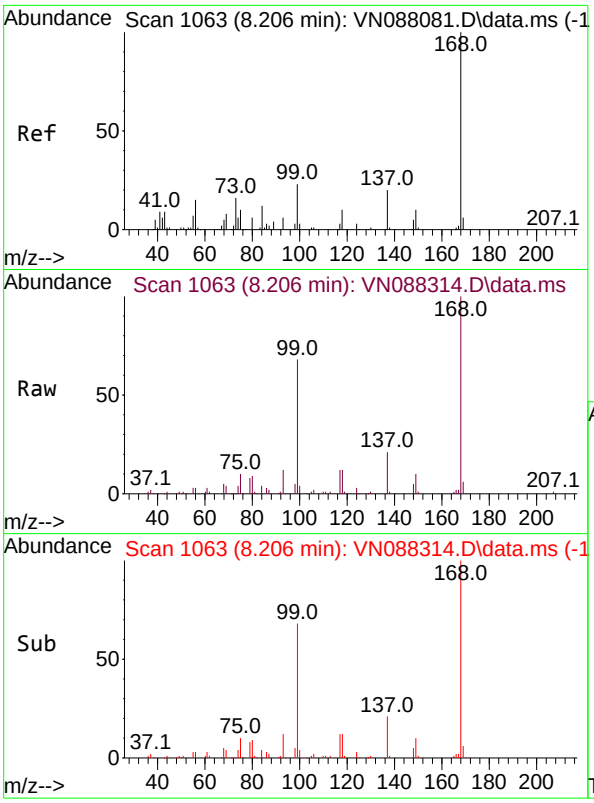


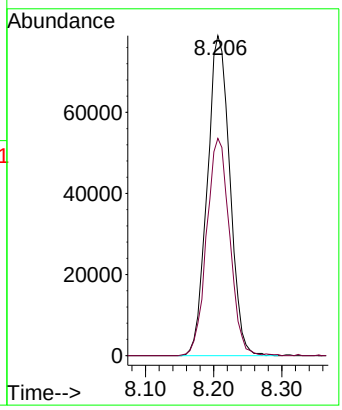


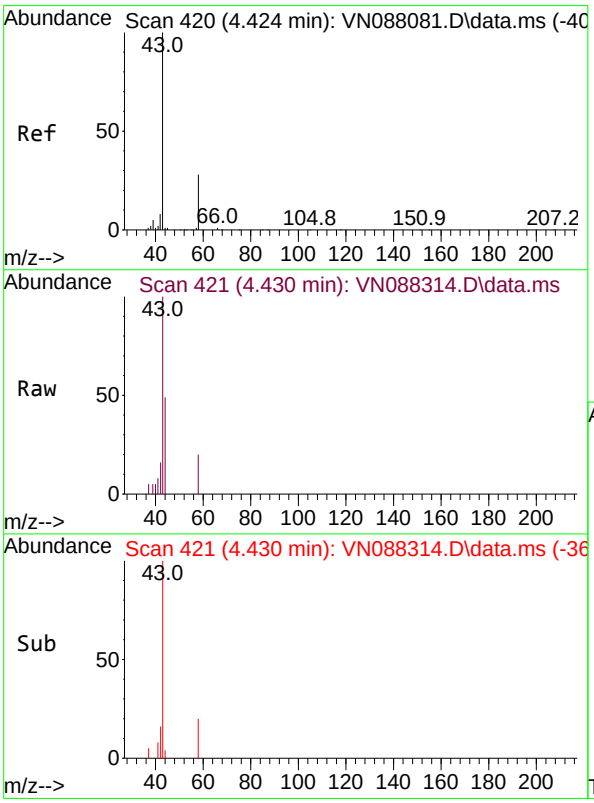
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN088314.D
Acq: 18 Nov 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-M21012DL

Tgt Ion:168 Resp: 181013

Ion	Ratio	Lower	Upper
168	100		
99	67.9	57.2	85.8

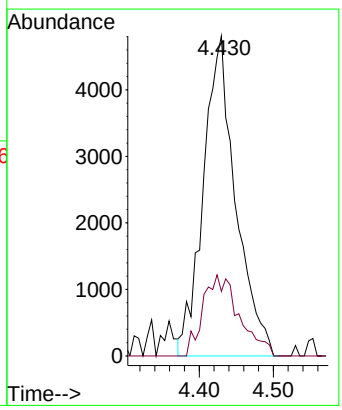


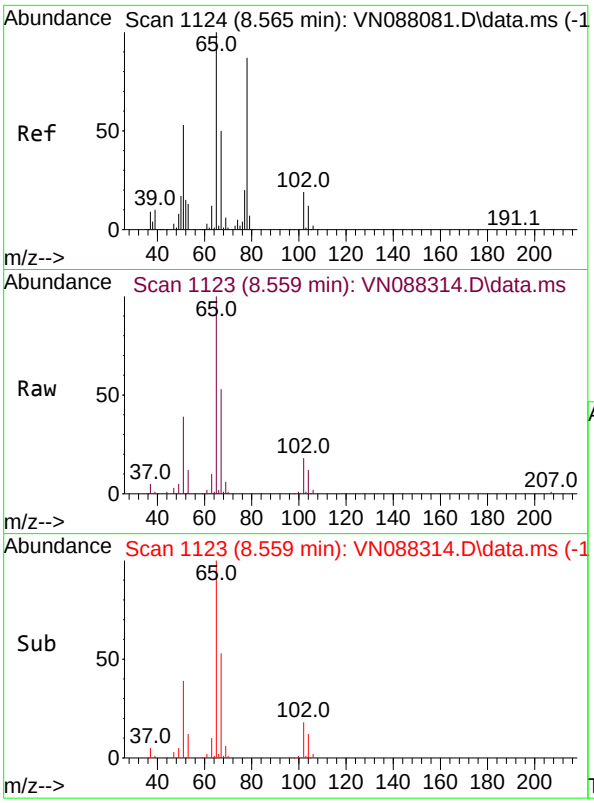


#16
Acetone
Concen: 9.268 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN088314.D
Acq: 18 Nov 2025 13:26

Tgt Ion: 43 Resp: 14574

Ion	Ratio	Lower	Upper
43	100		
58	20.2	22.6	33.8#



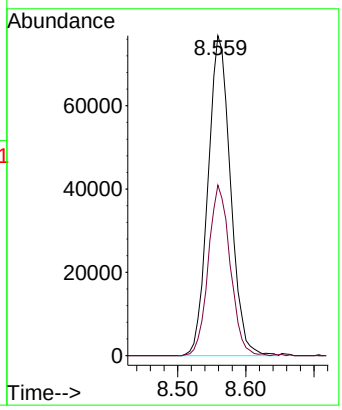


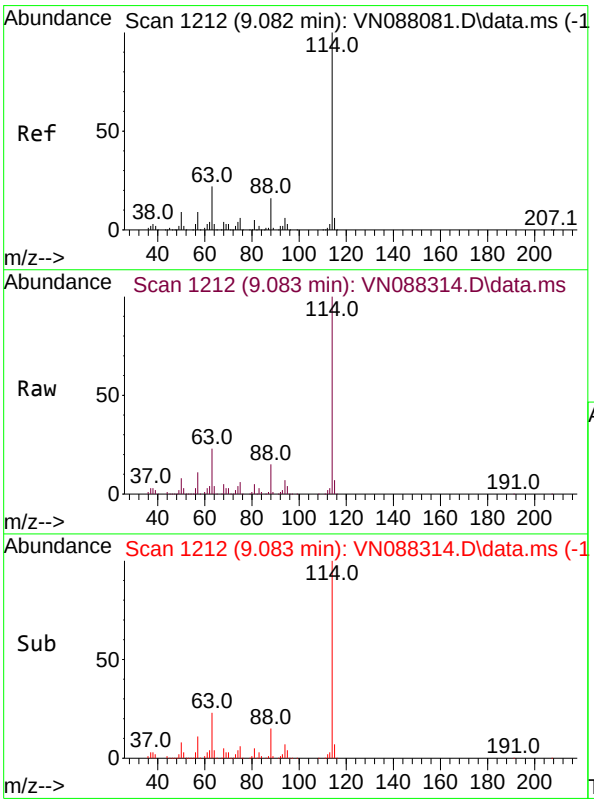
#33
1,2-Dichloroethane-d4
Concen: 56.076 ug/l
RT: 8.559 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088314.D
Acq: 18 Nov 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-M21012DL

Tgt Ion: 65 Resp: 175524

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	100.0

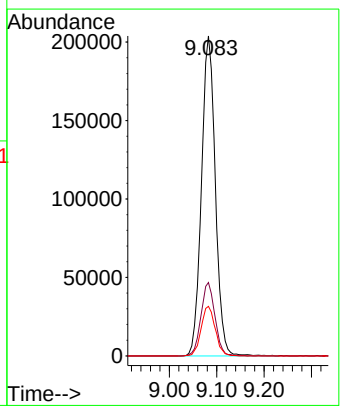


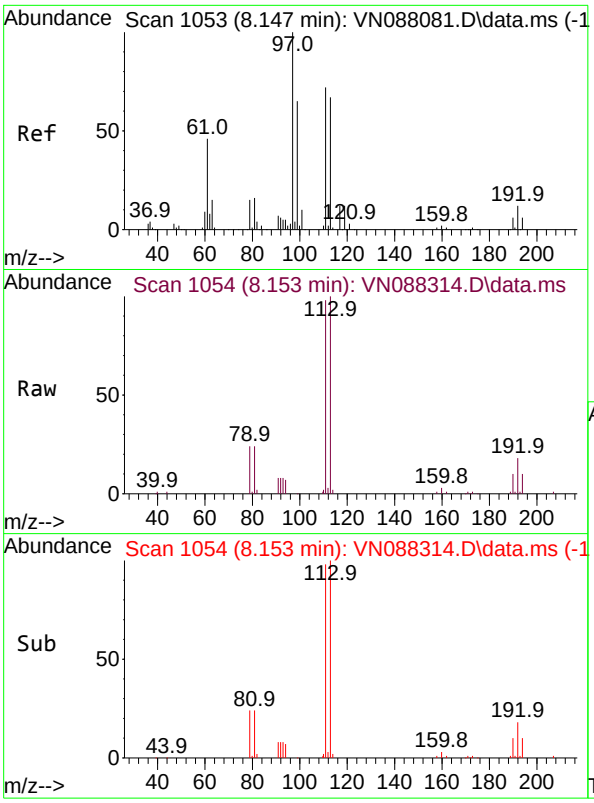


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088314.D
Acq: 18 Nov 2025 13:26

Tgt Ion:114 Resp: 414617

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	45.2
88	15.5	0.0	33.4



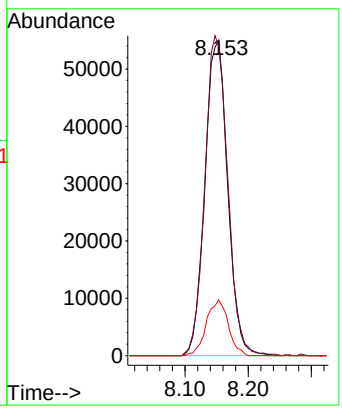


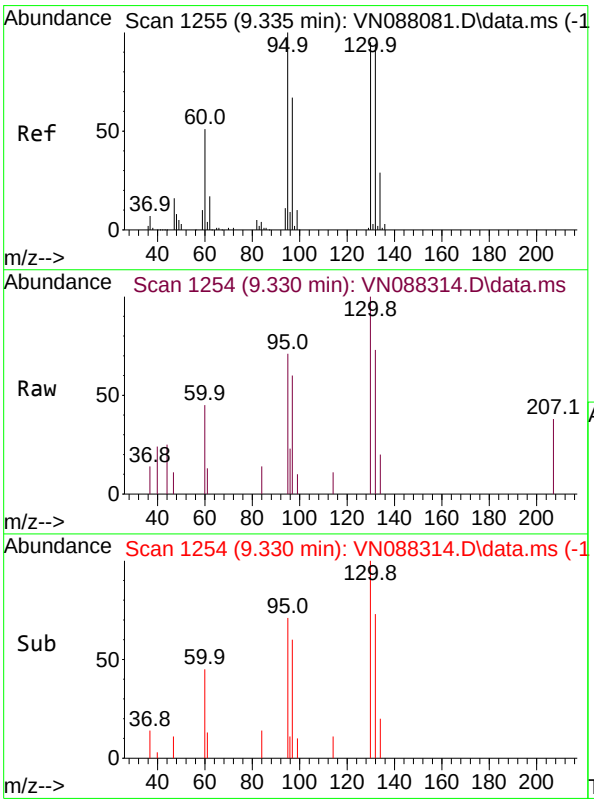
#35
Dibromofluoromethane
Concen: 49.485 ug/l
RT: 8.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088314.D
Acq: 18 Nov 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-M21012DL

Tgt Ion:113 Resp: 137837

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.8	124.2
192	17.0	12.8	19.2

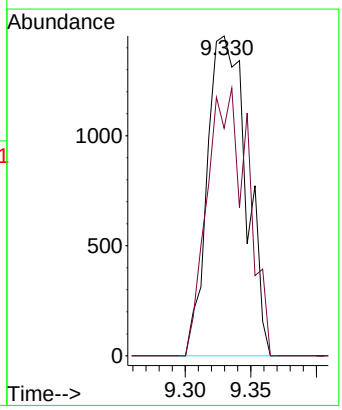


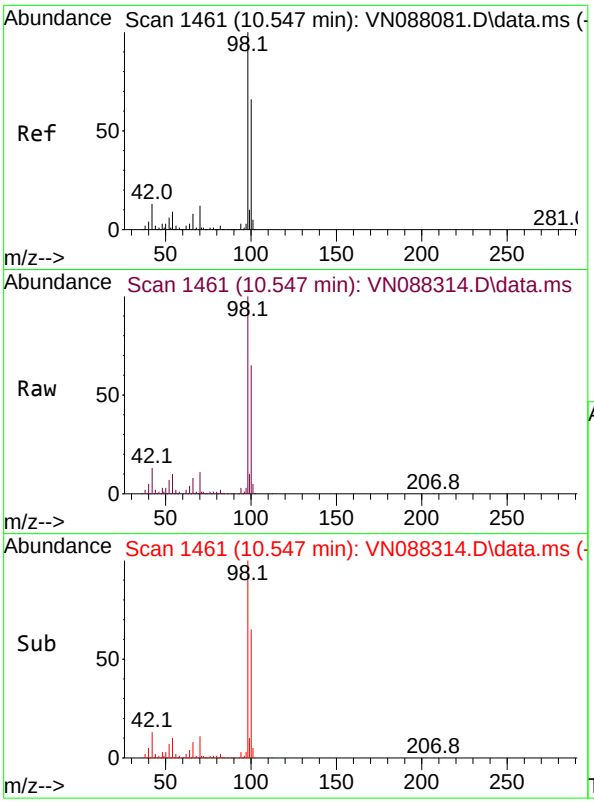


#44
Trichloroethene
Concen: 1.034 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN088314.D
Acq: 18 Nov 2025 13:26

Tgt Ion:130 Resp: 2993

Ion	Ratio	Lower	Upper
130	100		
95	71.1	0.0	212.0



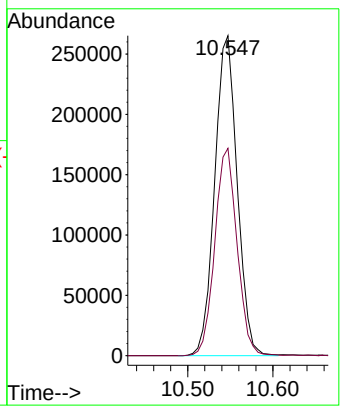


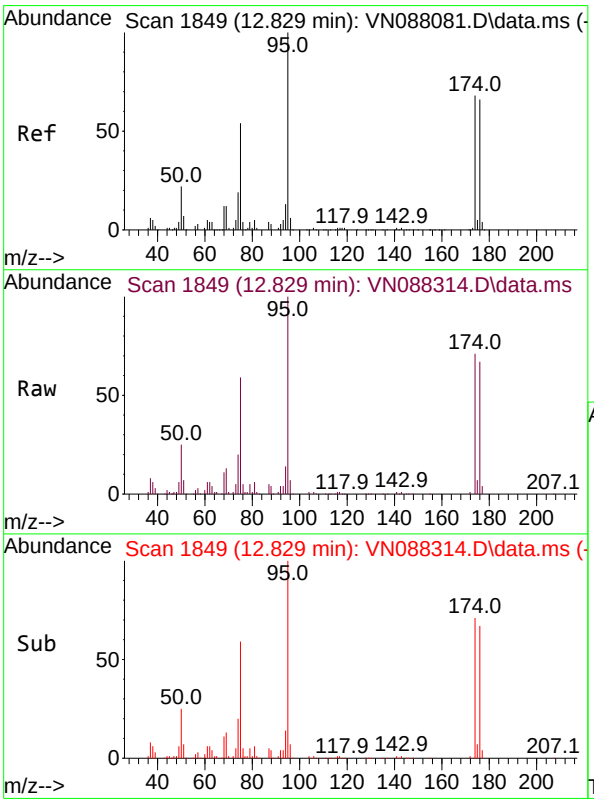
#50
Toluene-d8
Concen: 45.274 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN088314.D
Acq: 18 Nov 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-M21012DL

Tgt Ion: 98 Resp: 485916

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.8	79.2

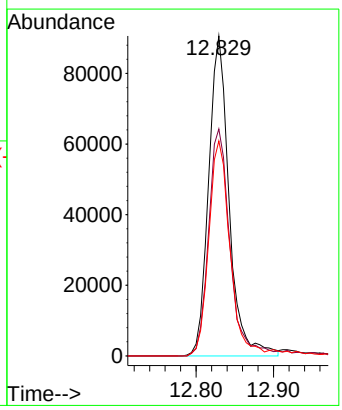


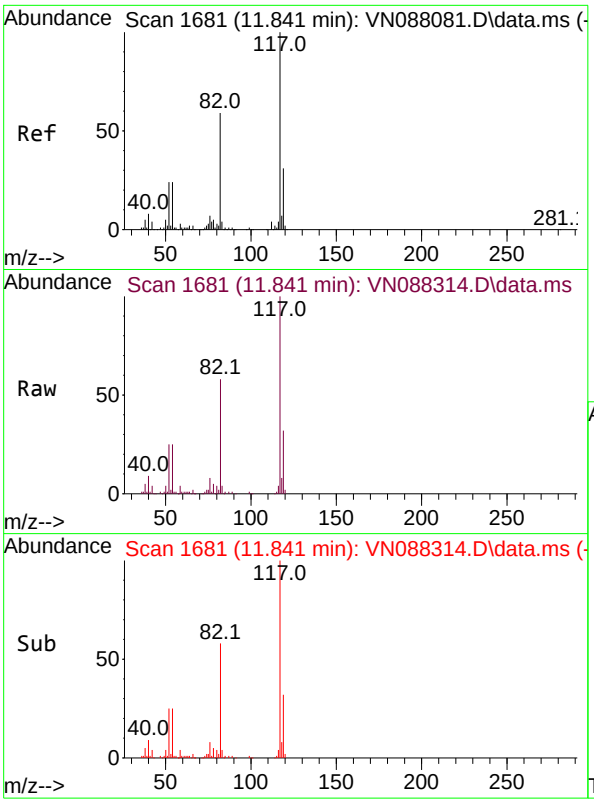


#62
4-Bromofluorobenzene
Concen: 43.880 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088314.D
Acq: 18 Nov 2025 13:26

Tgt Ion: 95 Resp: 166322

Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	138.4
176	69.5	0.0	132.6



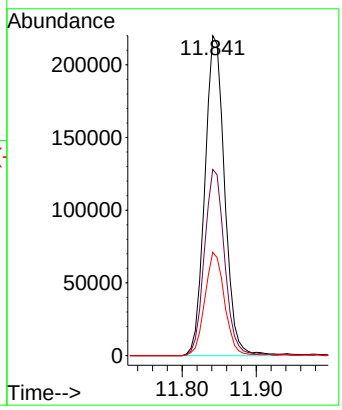


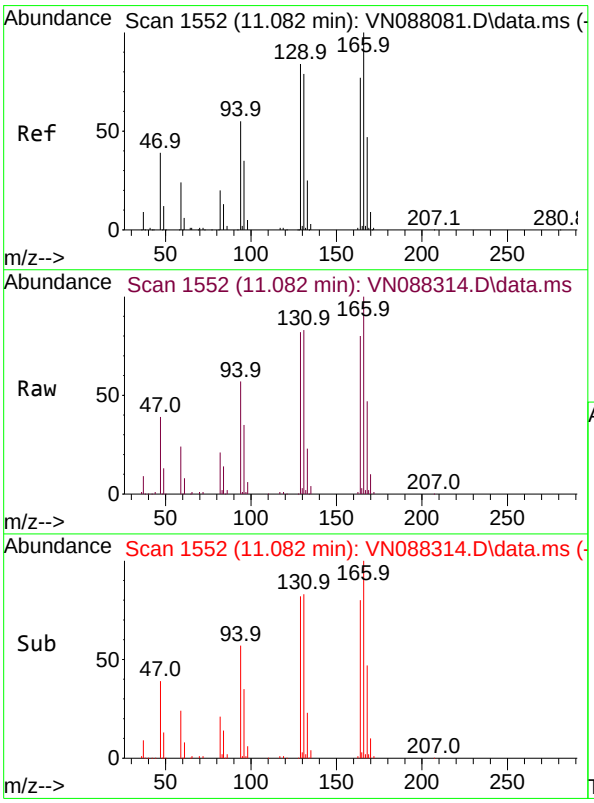
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088314.D
Acq: 18 Nov 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-M21012DL

Tgt Ion:117 Resp: 408427

Ion	Ratio	Lower	Upper
117	100		
82	58.2	47.4	71.2
119	32.3	24.3	36.5

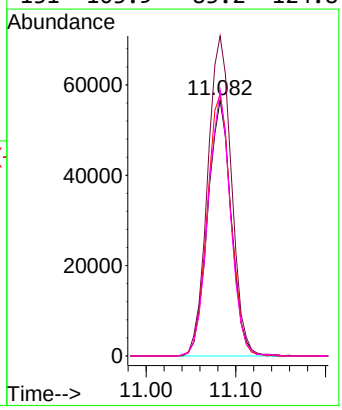


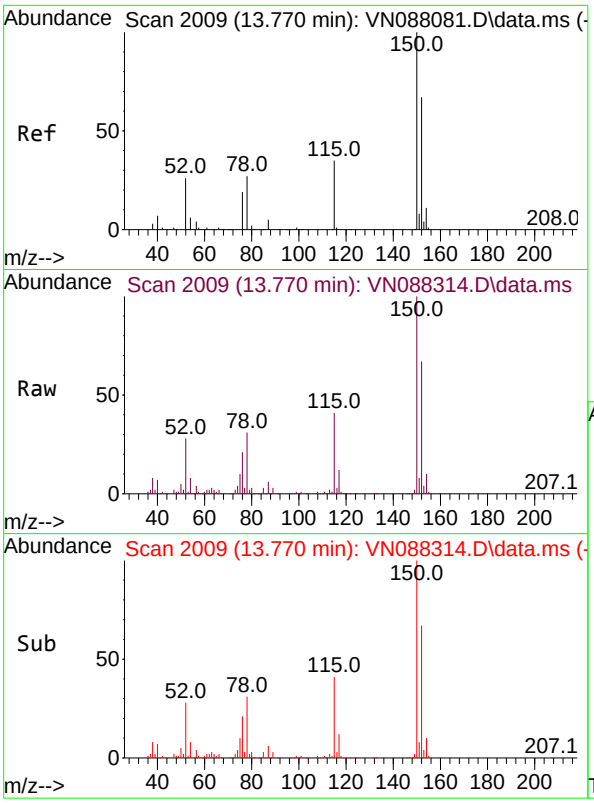


#64
Tetrachloroethene
Concen: 37.936 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088314.D
Acq: 18 Nov 2025 13:26

Tgt Ion:164 Resp: 102203

Ion	Ratio	Lower	Upper
164	100		
166	125.1	97.7	146.5
129	102.2	85.9	128.9
131	103.9	83.2	124.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN088314.D
Acq: 18 Nov 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-M21012DL

Tgt Ion:152 Resp: 191561

Ion	Ratio	Lower	Upper
152	100		
115	63.1	32.3	96.8
150	158.7	0.0	351.0