Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
Data File : VN088378.D
Acq On : 01 Dec 2025 13:32
Operator : JC\MD
Sample : Q3716-03 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

Quant Time: Dec 02 00:13:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	178970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	403564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	389624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	188053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	189743	56.280	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.560%			
35) Dibromofluoromethane	8.147	113	142447	50.934	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.860%			
50) Toluene-d8	10.541	98	516518	49.637	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.280%			
62) 4-Bromofluorobenzene	12.829	95	188337	52.749	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.500%			
Target Compounds						Qvalue
52) Toluene	10.606	92	2235	0.306	ug/l	84
67) Ethyl Benzene	11.947	91	3666	0.240	ug/l	93
68) m/p-Xylenes	12.053	106	4448	0.784	ug/l	96
80) 1,3,5-Trimethylbenzene	13.159	105	4832	0.419	ug/l	88
84) 1,2,4-Trimethylbenzene	13.459	105	10569	0.923	ug/l	95

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

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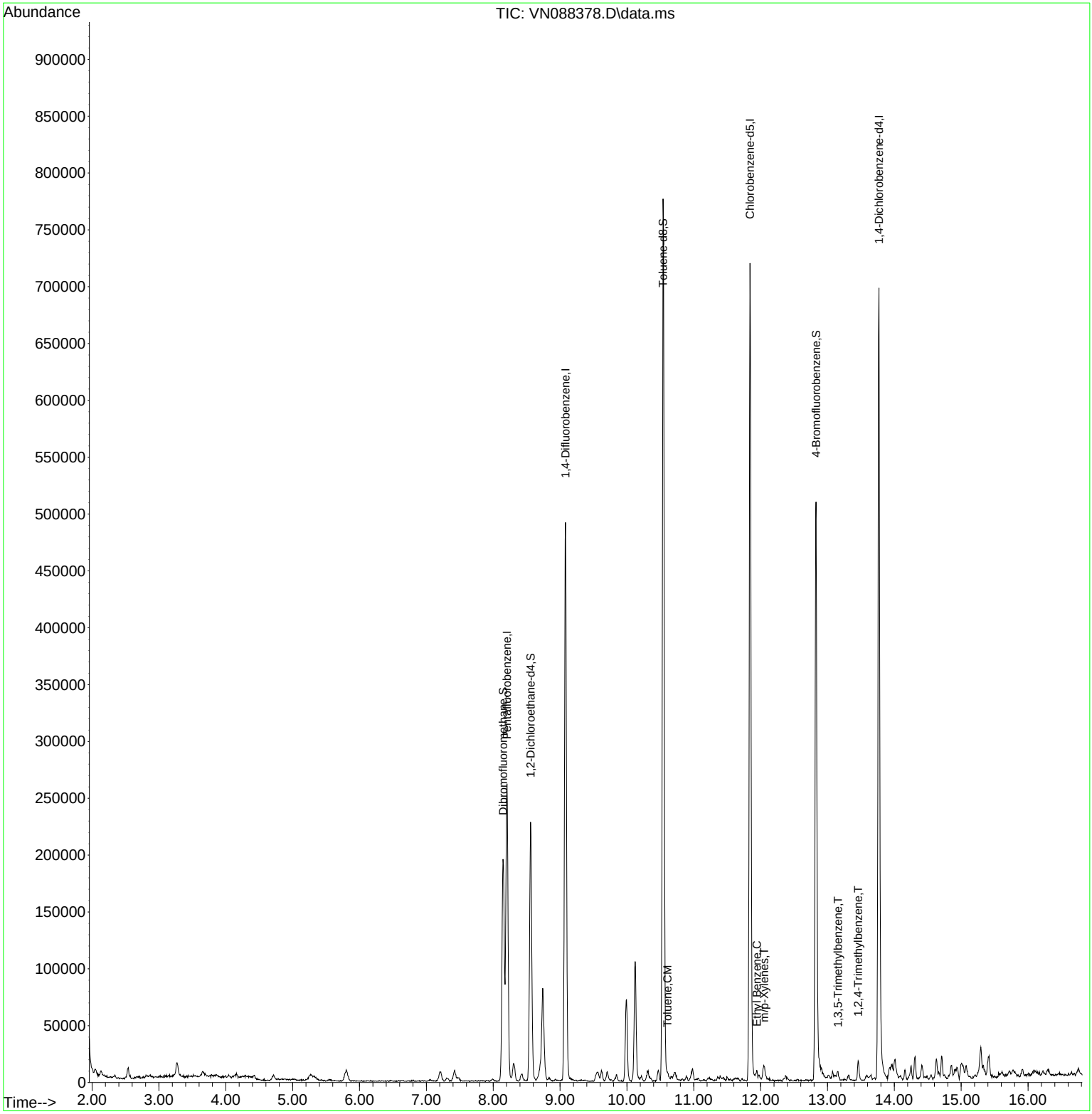
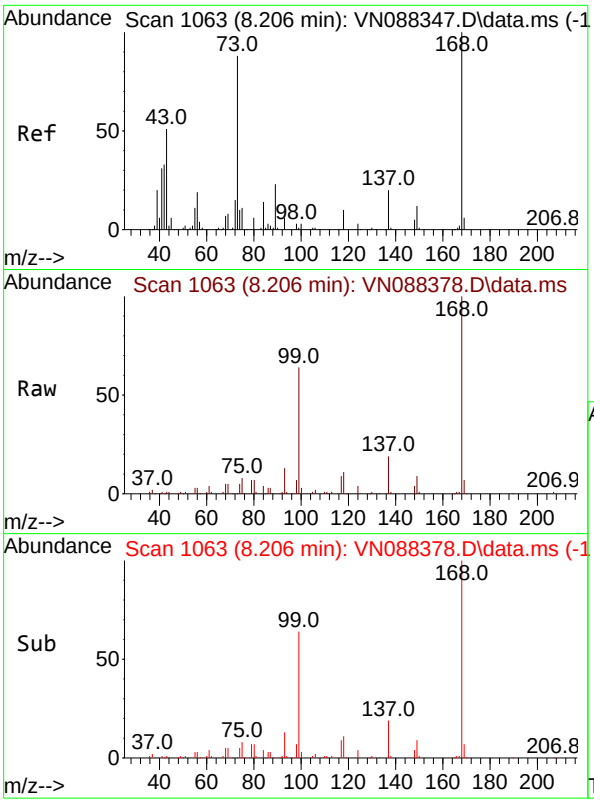


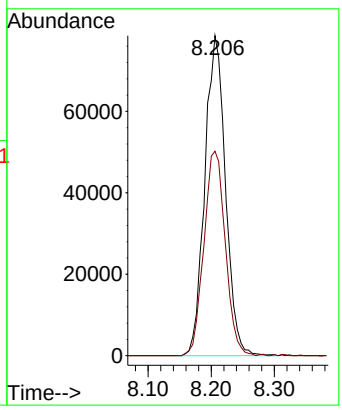


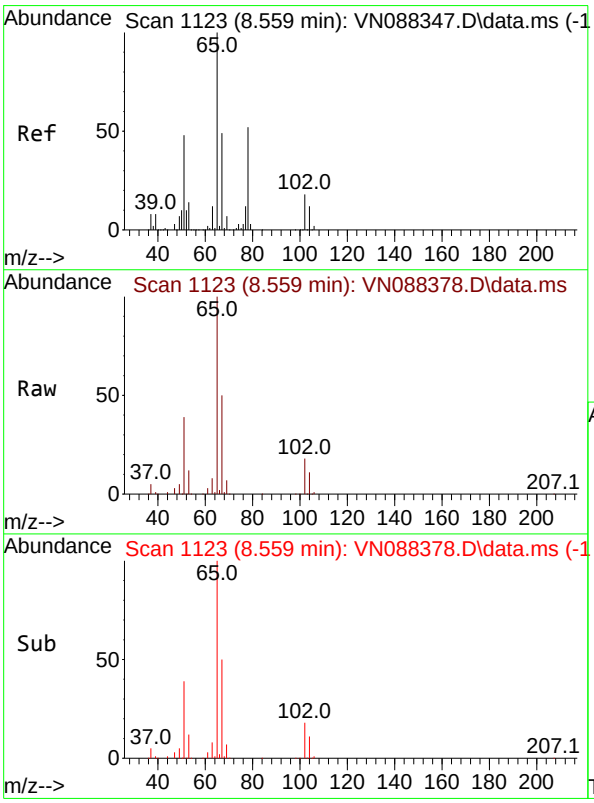
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088378.D
Acq: 01 Dec 2025 13:32

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion:168 Resp: 178970

Ion	Ratio	Lower	Upper
168	100		
99	63.9	57.1	85.7

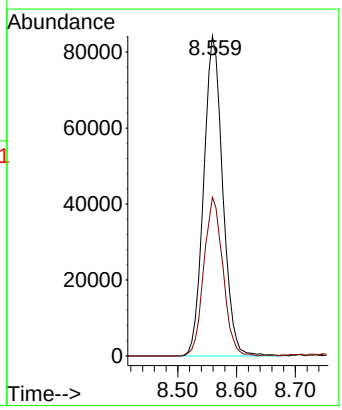


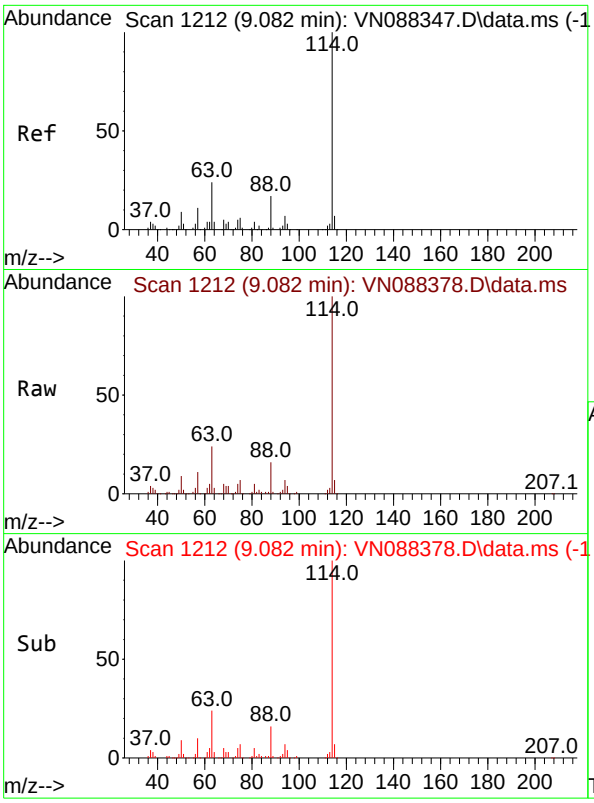


#33
1,2-Dichloroethane-d4
Concen: 56.280 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088378.D
Acq: 01 Dec 2025 13:32

Tgt Ion: 65 Resp: 189743

Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	100.8



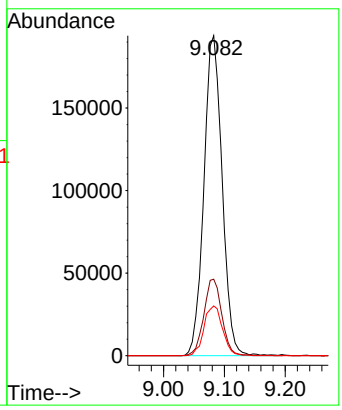


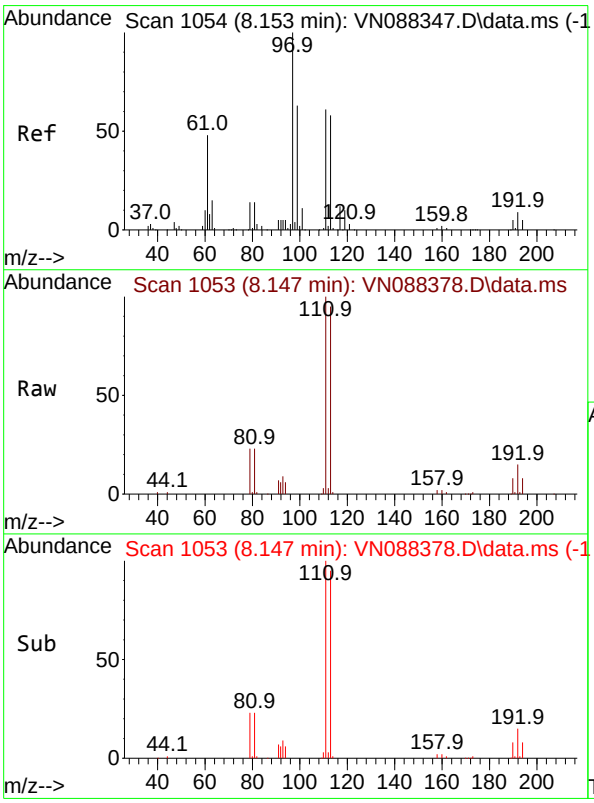
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088378.D
Acq: 01 Dec 2025 13:32

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion:114 Resp: 403564

Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	49.0
88	15.5	0.0	34.0

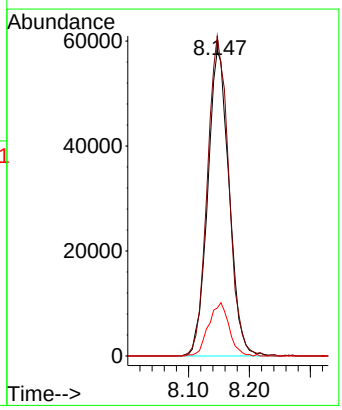


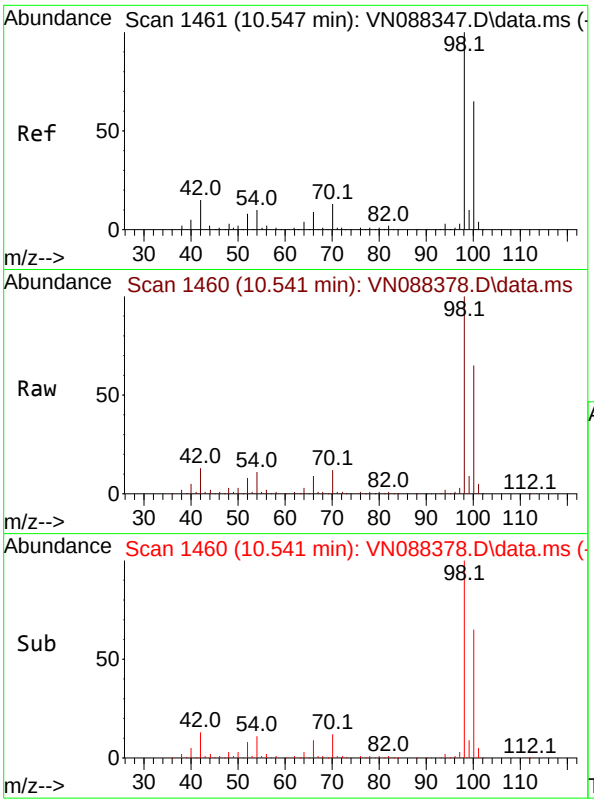


#35
Dibromofluoromethane
Concen: 50.934 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088378.D
Acq: 01 Dec 2025 13:32

Tgt Ion:113 Resp: 142447

Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.5	123.7
192	16.7	12.8	19.2



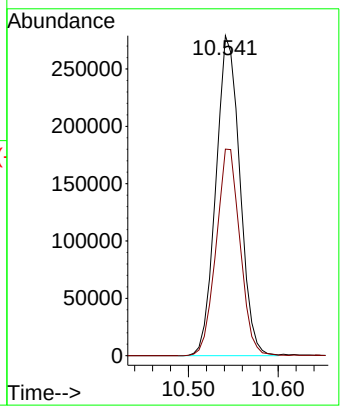


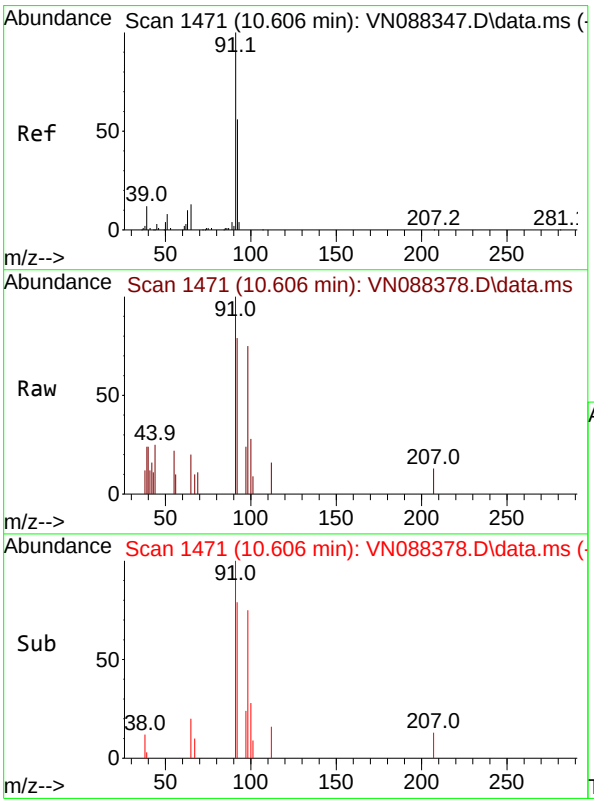
#50
Toluene-d8
Concen: 49.637 ug/l
RT: 10.541 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN088378.D
Acq: 01 Dec 2025 13:32

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion: 98 Resp: 516518

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.2

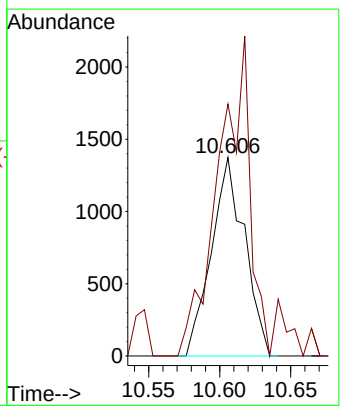


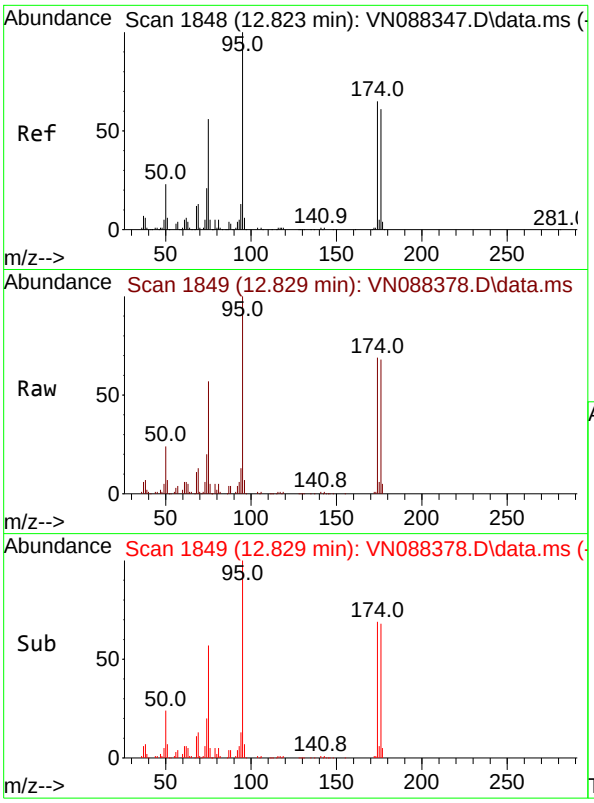


#52
Toluene
Concen: 0.306 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088378.D
Acq: 01 Dec 2025 13:32

Tgt Ion: 92 Resp: 2235

Ion	Ratio	Lower	Upper
92	100		
91	152.9	140.2	210.2



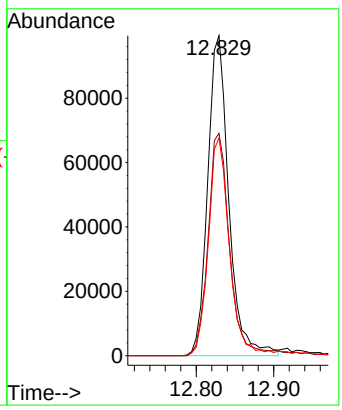


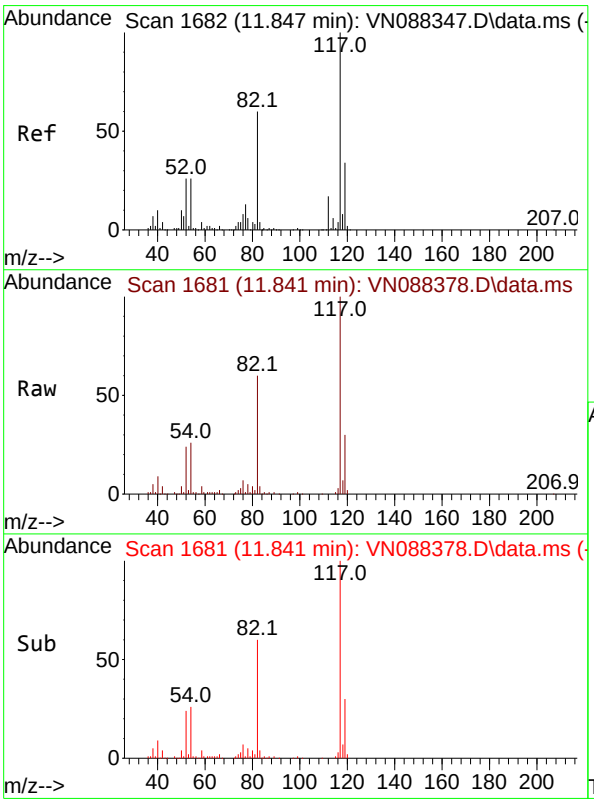
#62
4-Bromofluorobenzene
Concen: 52.749 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088378.D
Acq: 01 Dec 2025 13:32

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion: 95 Resp: 188337

Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	139.0
176	67.3	0.0	132.4

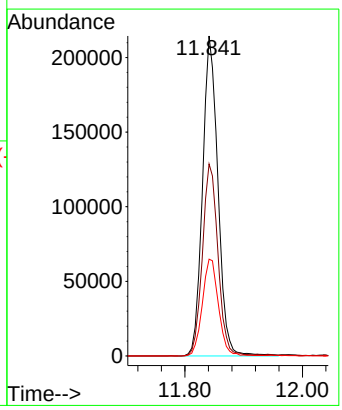


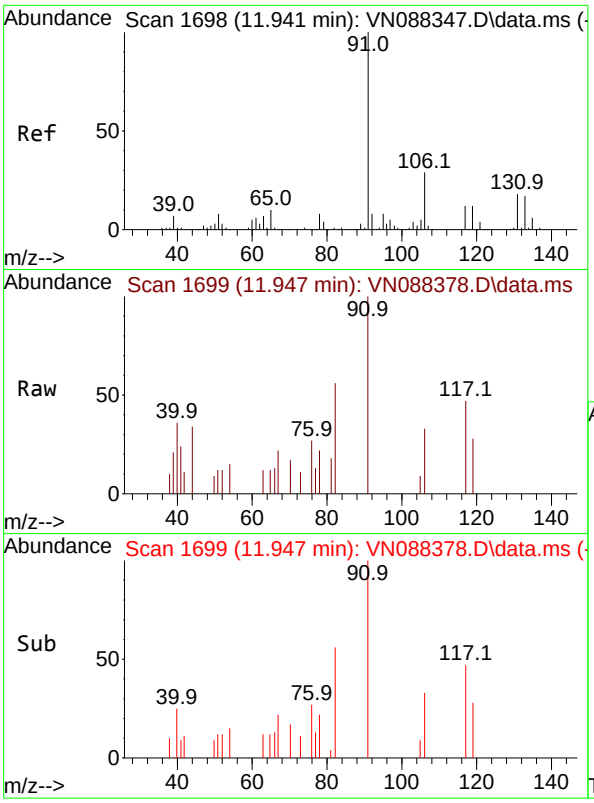


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088378.D
Acq: 01 Dec 2025 13:32

Tgt Ion:117 Resp: 389624

Ion	Ratio	Lower	Upper
117	100		
82	60.0	47.8	71.8
119	30.2	26.9	40.3



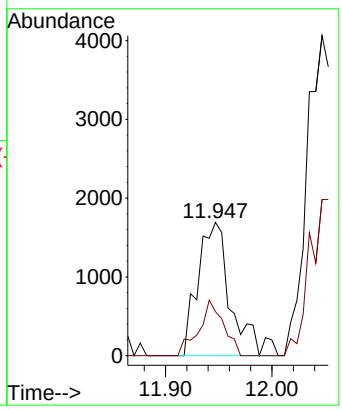


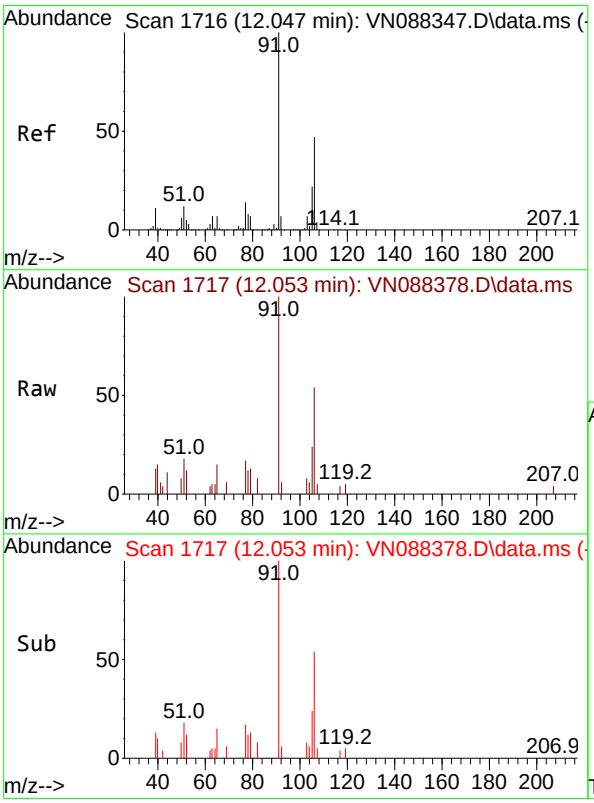
#67
Ethyl Benzene
Concen: 0.240 ug/l
RT: 11.947 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088378.D
Acq: 01 Dec 2025 13:32

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion: 91 Resp: 3666

Ion	Ratio	Lower	Upper
91	100		
106	33.0	23.6	35.4

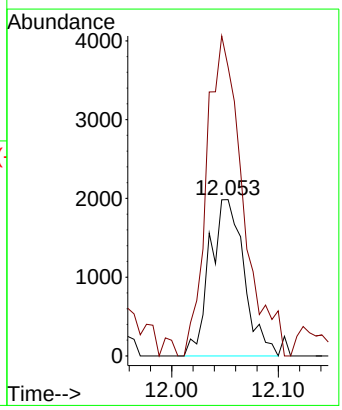


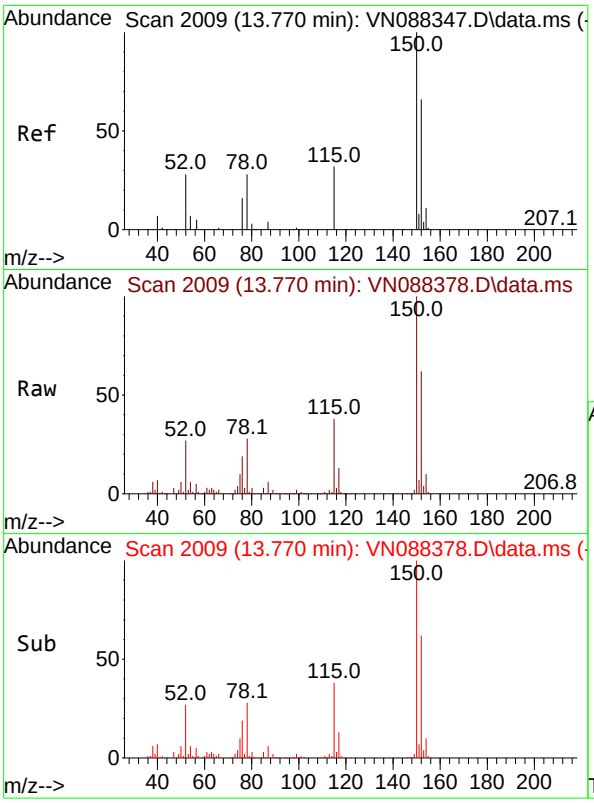


#68
m/p-Xylenes
Concen: 0.784 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN088378.D
Acq: 01 Dec 2025 13:32

Tgt Ion:106 Resp: 4448

Ion	Ratio	Lower	Upper
106	100		
91	215.3	167.8	251.6



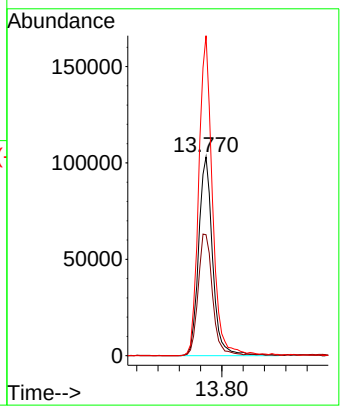


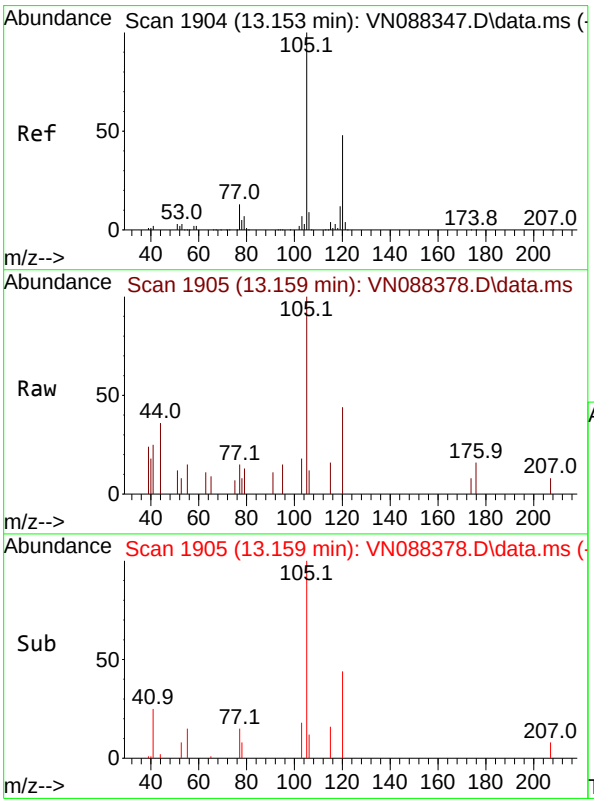
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN088378.D
Acq: 01 Dec 2025 13:32

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion:152 Resp: 188053

Ion	Ratio	Lower	Upper
152	100		
115	63.0	33.0	98.9
150	157.5	0.0	349.0

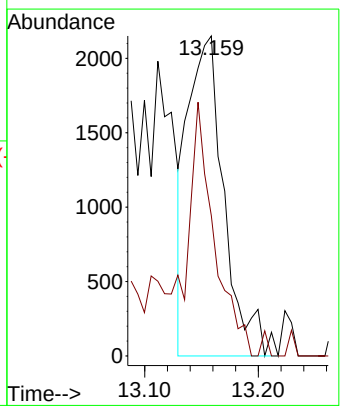


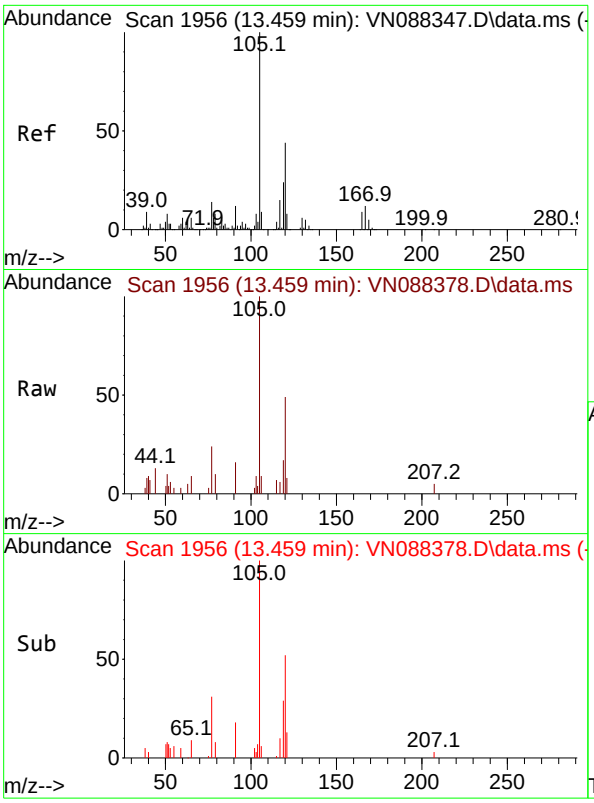


#80
1,3,5-Trimethylbenzene
Concen: 0.419 ug/l
RT: 13.159 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VN088378.D
Acq: 01 Dec 2025 13:32

Tgt Ion:105 Resp: 4832

Ion	Ratio	Lower	Upper
105	100		
120	55.7	23.8	71.5





#84
1,2,4-Trimethylbenzene
Concen: 0.923 ug/l
RT: 13.459 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088378.D
Acq: 01 Dec 2025 13:32

Instrument :
MSVOA_N
ClientSampleId :
MW4

Tgt Ion:105 Resp: 10569

Ion	Ratio	Lower	Upper
105	100		
120	47.6	22.1	66.1