Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088026.D
Acq On : 03 Oct 2025 16:16
Operator : JC\MD
Sample : Q3274-02DL 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Quant Time: Oct 04 02:59:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

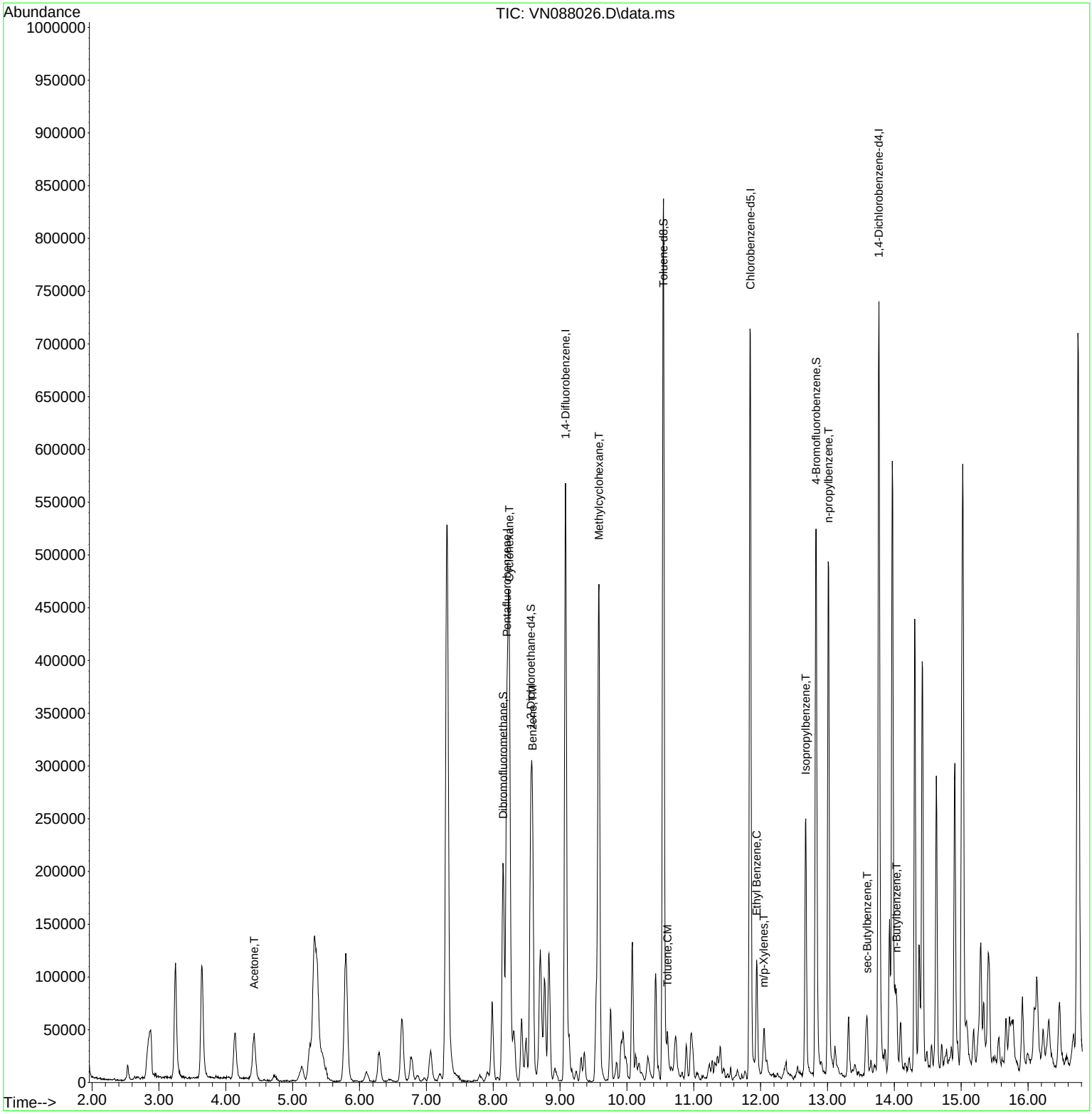
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	199029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	430919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	412320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	199129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	174477	52.090	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.180%			
35) Dibromofluoromethane	8.147	113	147247	47.063	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.120%			
50) Toluene-d8	10.547	98	546047	49.630	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.260%			
62) 4-Bromofluorobenzene	12.829	95	199570	50.745	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.500%			
Target Compounds						Qvalue
16) Acetone	4.424	43	73990	53.689	ug/l	99
31) Cyclohexane	8.241	56	237598	63.258	ug/l	97
39) Methylcyclohexane	9.582	83	201980	48.668	ug/l	98
40) Benzene	8.588	78	239418	19.220	ug/l	99
52) Toluene	10.606	92	14136	1.808	ug/l	92
67) Ethyl Benzene	11.941	91	69711	4.761	ug/l	97
68) m/p-Xylenes	12.047	106	16039	2.864	ug/l	100
73) Isopropylbenzene	12.676	105	166276	13.473	ug/l	98
78) n-propylbenzene	13.017	91	415315	26.916	ug/l	99
85) sec-Butylbenzene	13.594	105	32040	2.419	ug/l #	65
89) n-Butylbenzene	14.035	91	41680	3.931	ug/l #	80

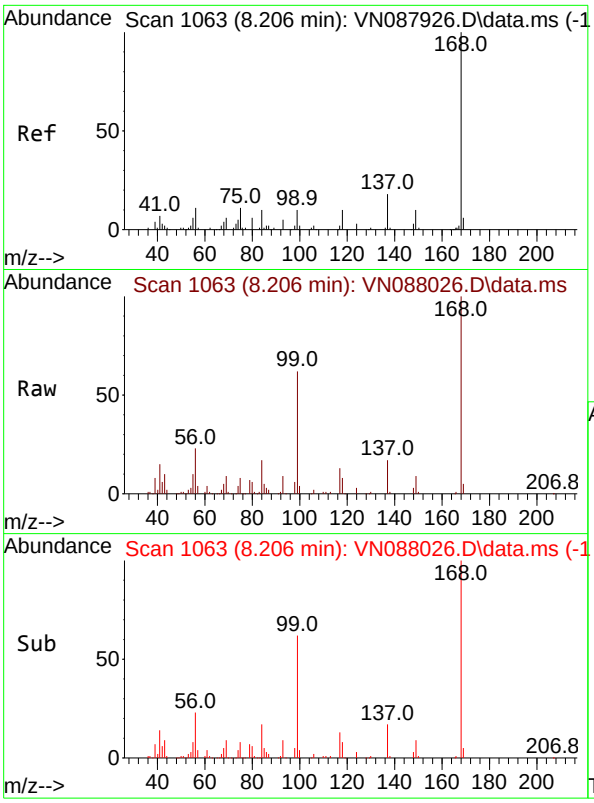
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088026.D
Acq On : 03 Oct 2025 16:16
Operator : JC\MD
Sample : Q3274-02DL 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Quant Time: Oct 04 02:59:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration



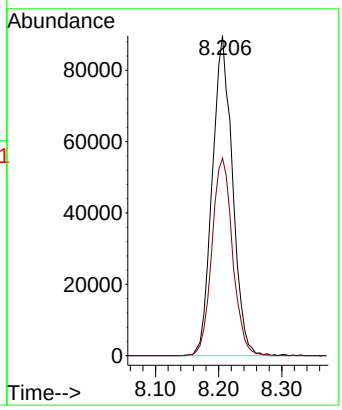


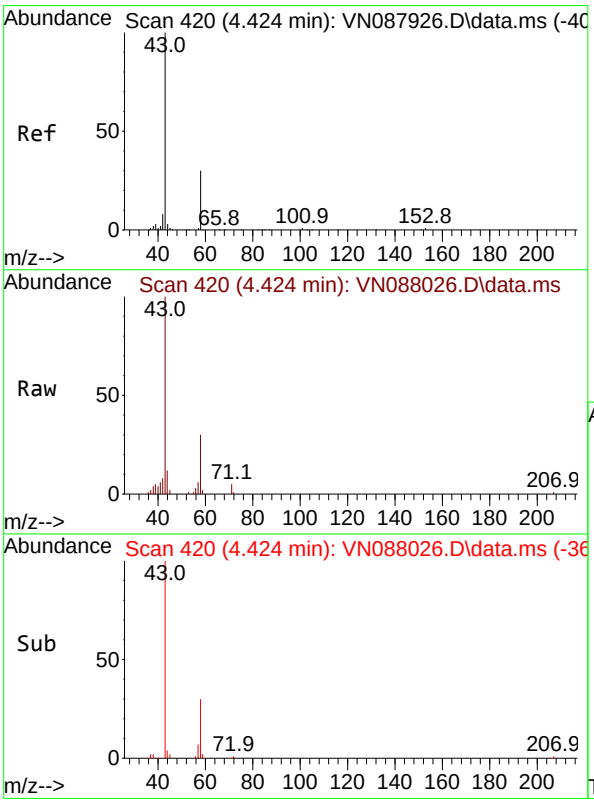
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Tgt Ion:168 Resp: 199029

Ion	Ratio	Lower	Upper
168	100		
99	61.7	52.2	78.2

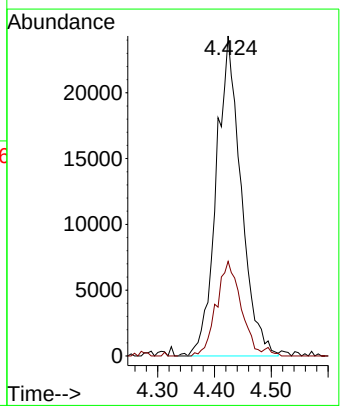


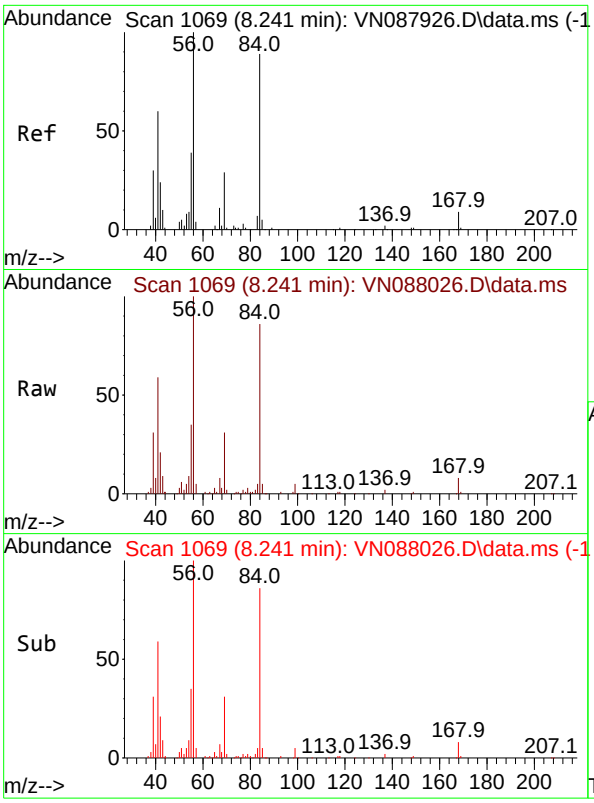


#16
Acetone
Concen: 53.689 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Tgt Ion: 43 Resp: 73990

Ion	Ratio	Lower	Upper
43	100		
58	29.5	24.1	36.1



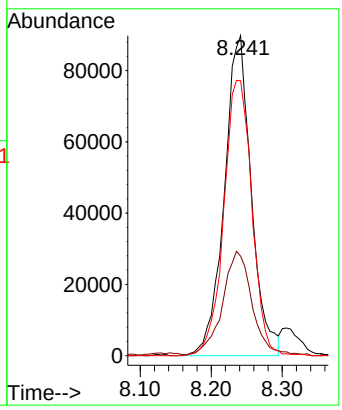


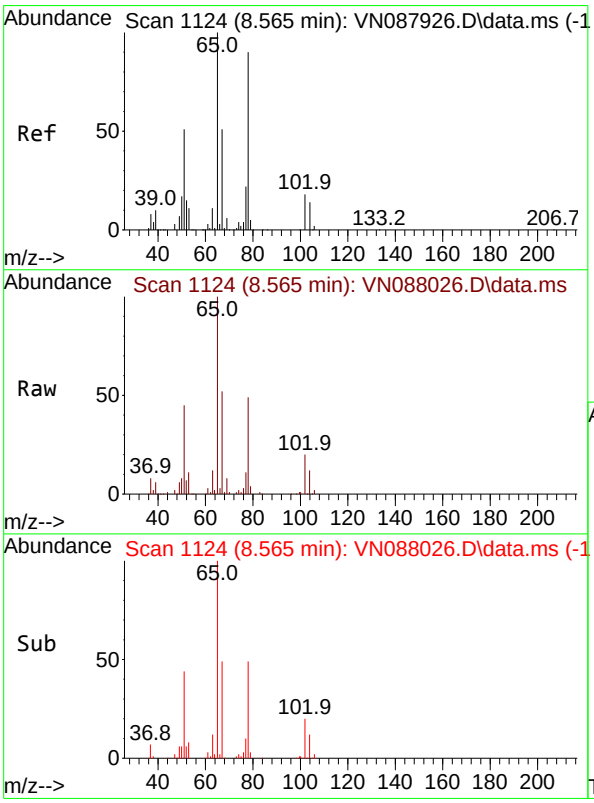
#31
Cyclohexane
Concen: 63.258 ug/l
RT: 8.241 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Tgt Ion: 56 Resp: 237598

Ion	Ratio	Lower	Upper
56	100		
69	30.4	23.4	35.0
84	85.9	70.8	106.2

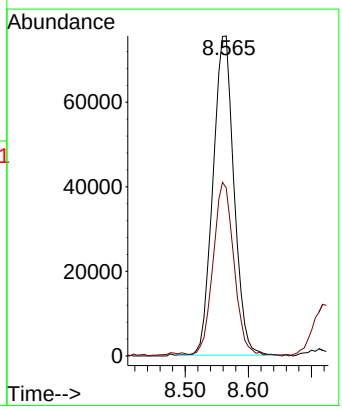


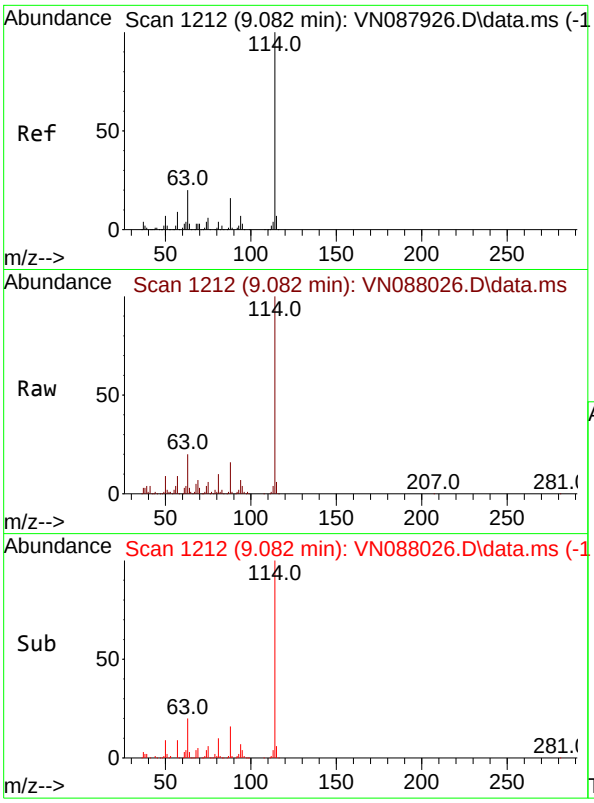


#33
1,2-Dichloroethane-d4
Concen: 52.090 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. -0.000 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Tgt Ion: 65 Resp: 174477

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	103.4



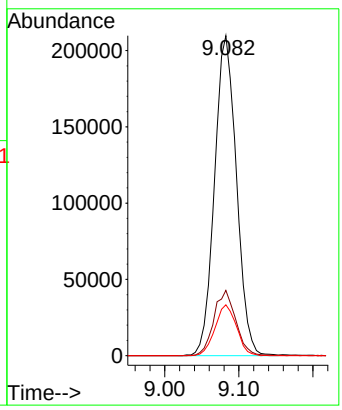


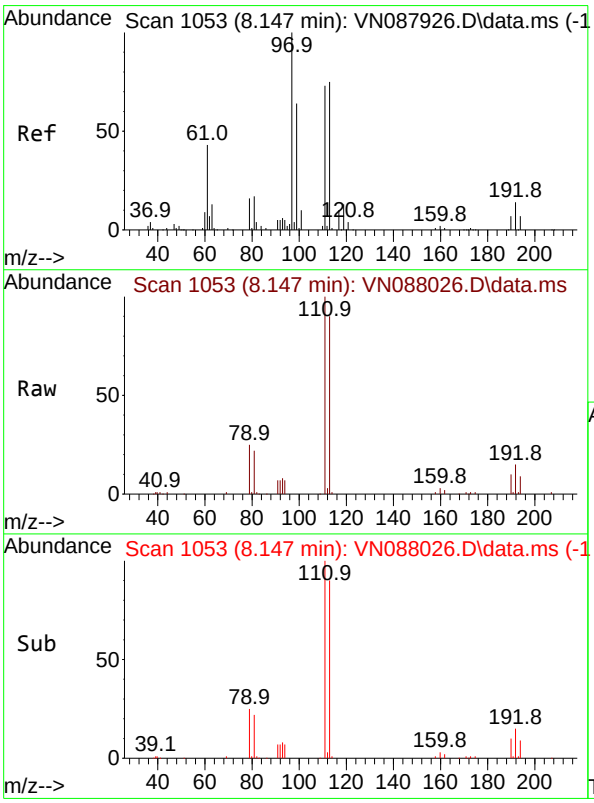
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Tgt Ion:114 Resp: 430919

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.0
88	15.9	0.0	31.8

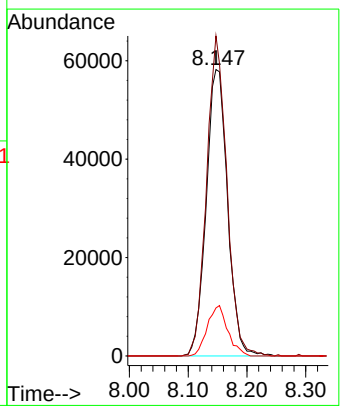


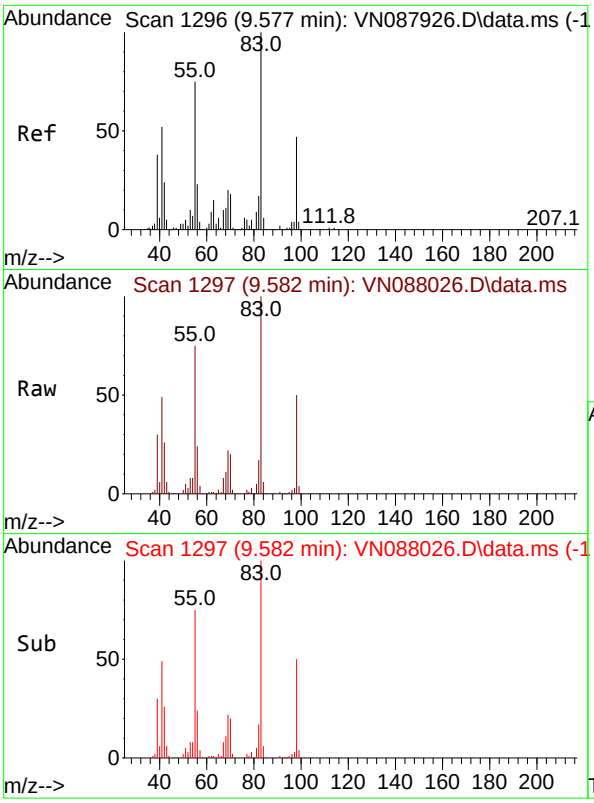


#35
Dibromofluoromethane
Concen: 47.063 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Tgt Ion:113 Resp: 147247

Ion	Ratio	Lower	Upper
113	100		
111	105.7	82.2	123.2
192	16.9	14.2	21.2



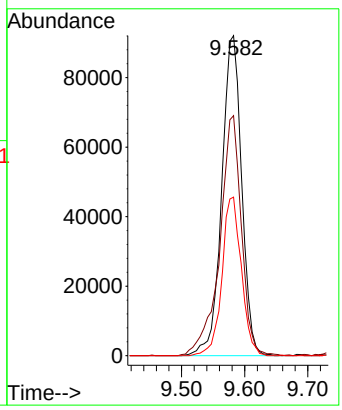


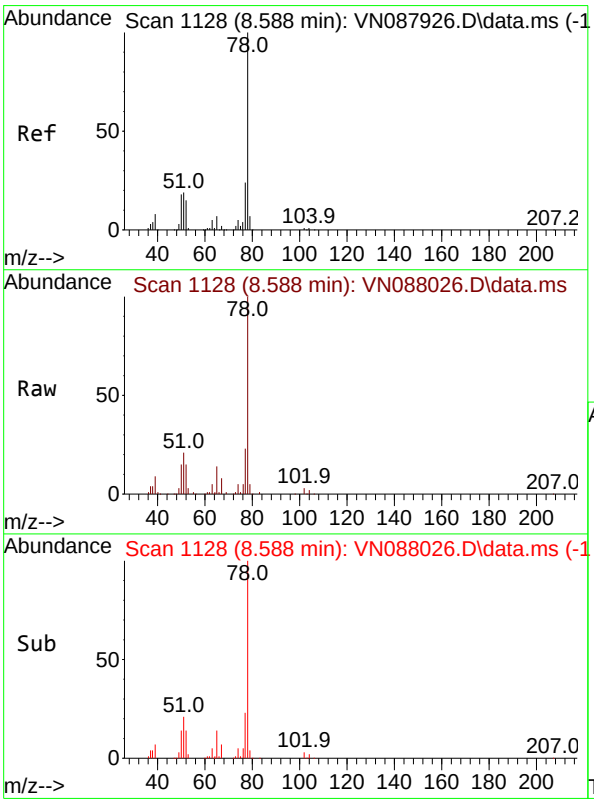
#39
Methylcyclohexane
Concen: 48.668 ug/l
RT: 9.582 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Tgt Ion: 83 Resp: 201980

Ion	Ratio	Lower	Upper
83	100		
55	75.0	59.9	89.9
98	49.5	37.4	56.2

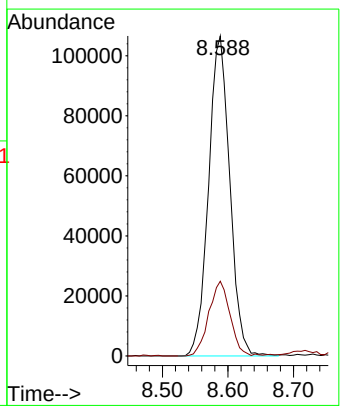


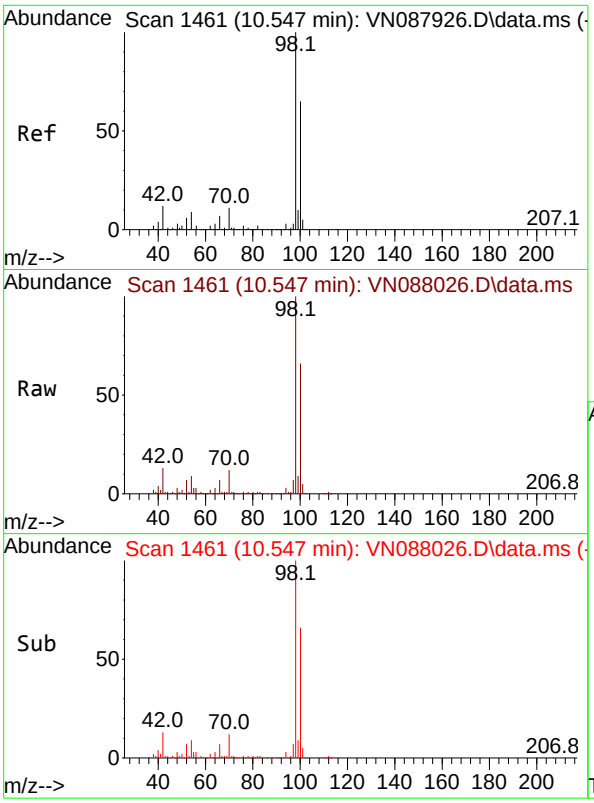


#40
Benzene
Concen: 19.220 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Tgt Ion: 78 Resp: 239418

Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.6



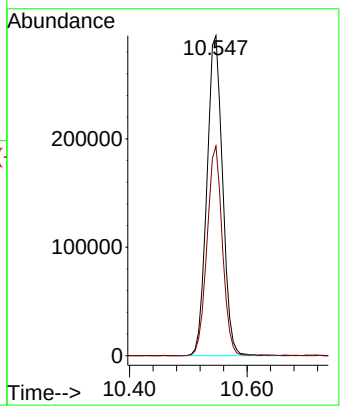


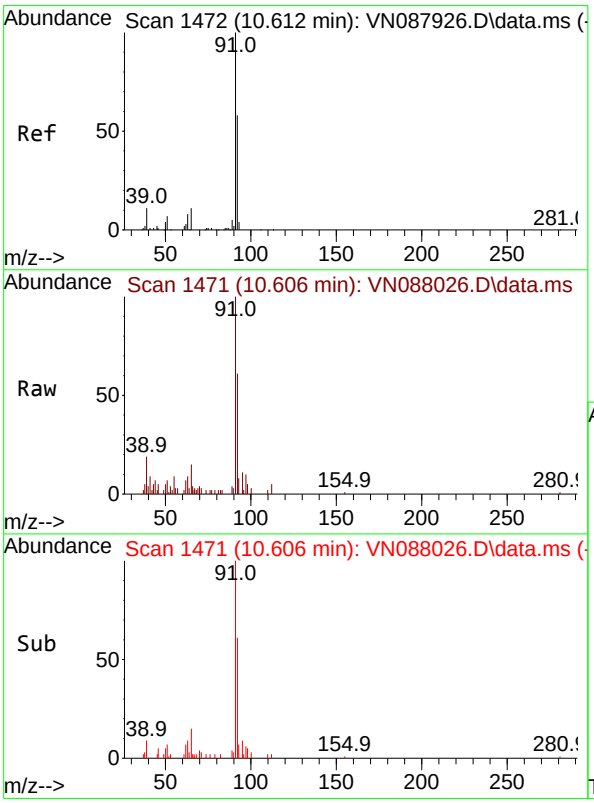
#50
Toluene-d8
Concen: 49.630 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Tgt Ion: 98 Resp: 546047

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.7	77.5

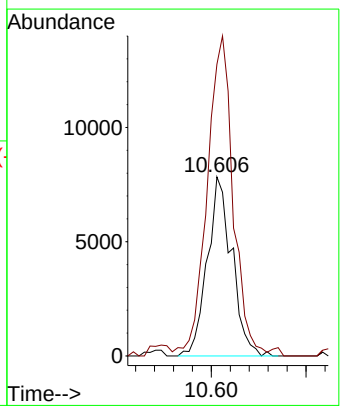


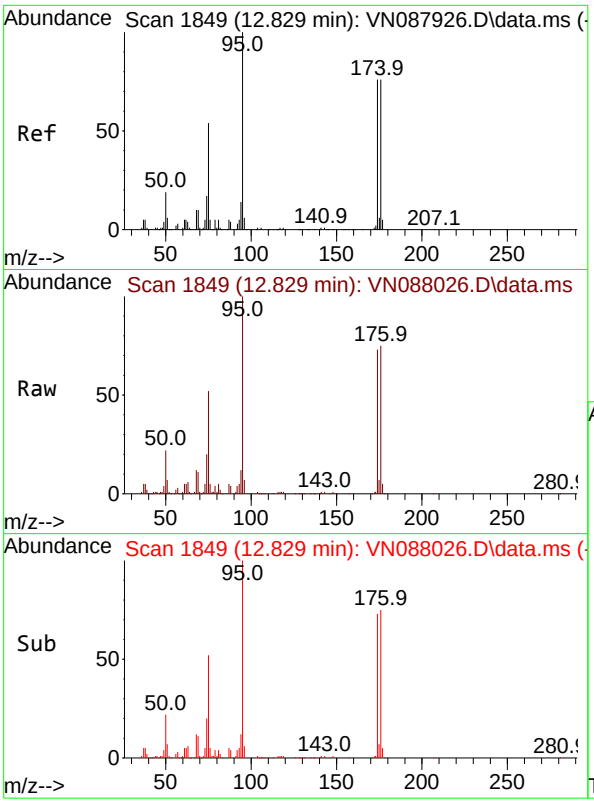


#52
Toluene
Concen: 1.808 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Tgt Ion: 92 Resp: 14136

Ion	Ratio	Lower	Upper
92	100		
91	184.5	138.2	207.2



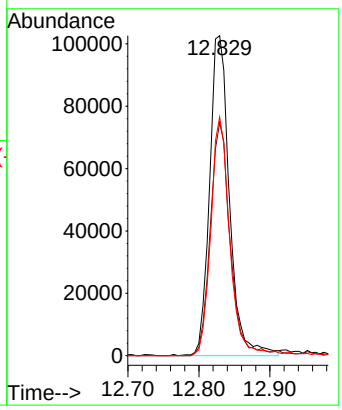


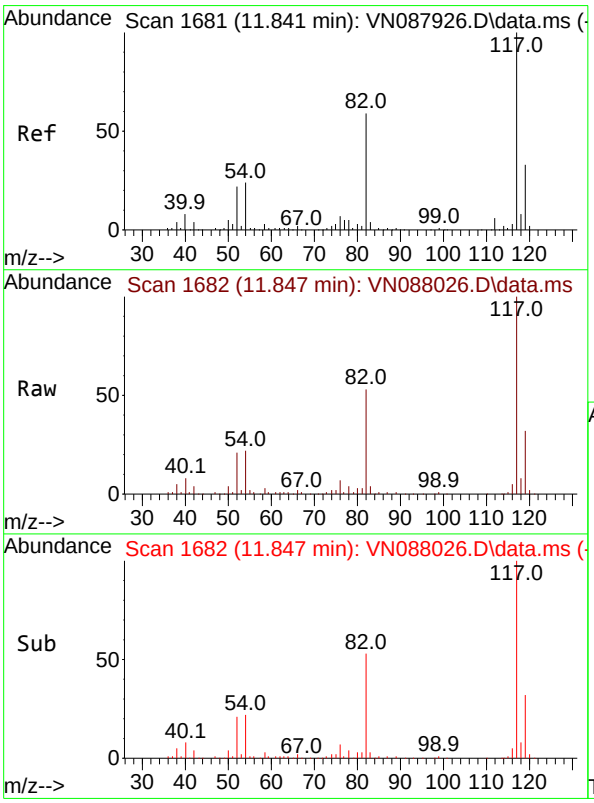
#62
4-Bromofluorobenzene
Concen: 50.745 ug/l
RT: 12.829 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Tgt Ion: 95 Resp: 199570

Ion	Ratio	Lower	Upper
95	100		
174	71.9	0.0	159.2
176	70.9	0.0	152.6

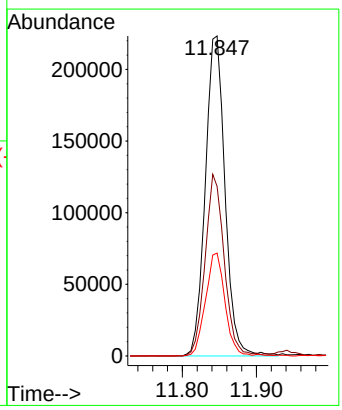


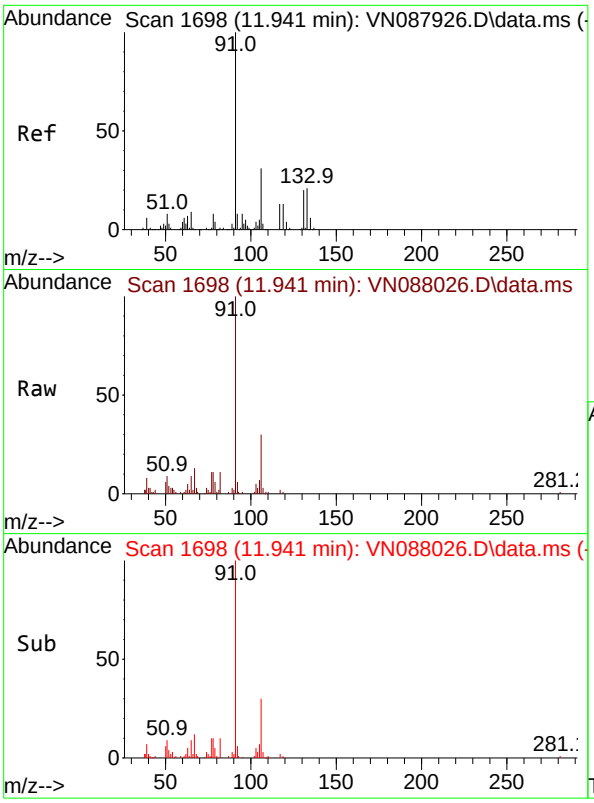


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Tgt Ion:117 Resp: 412320

Ion	Ratio	Lower	Upper
117	100		
82	52.9	47.0	70.4
119	32.1	26.1	39.1



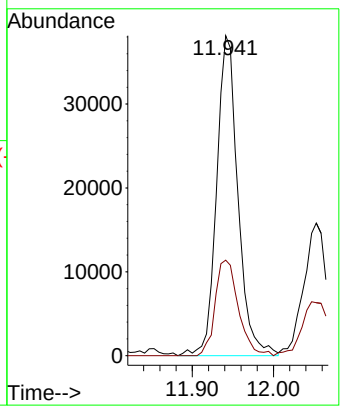


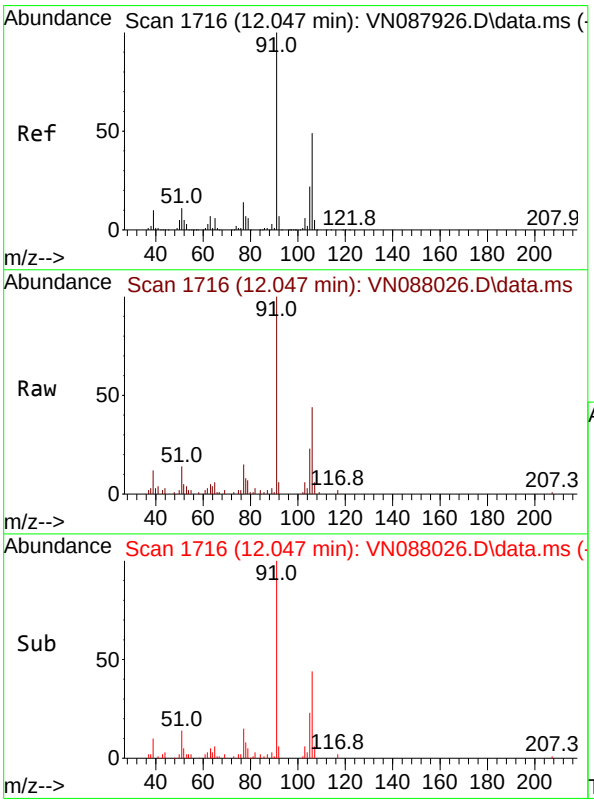
#67
Ethyl Benzene
Concen: 4.761 ug/l
RT: 11.941 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Tgt Ion: 91 Resp: 69711

Ion	Ratio	Lower	Upper
91	100		
106	29.9	25.2	37.8

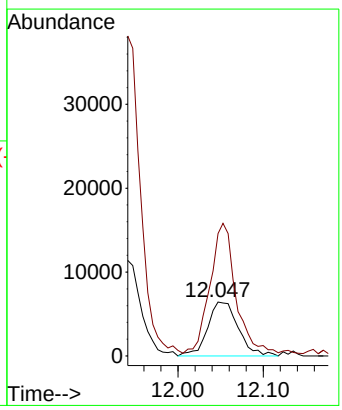


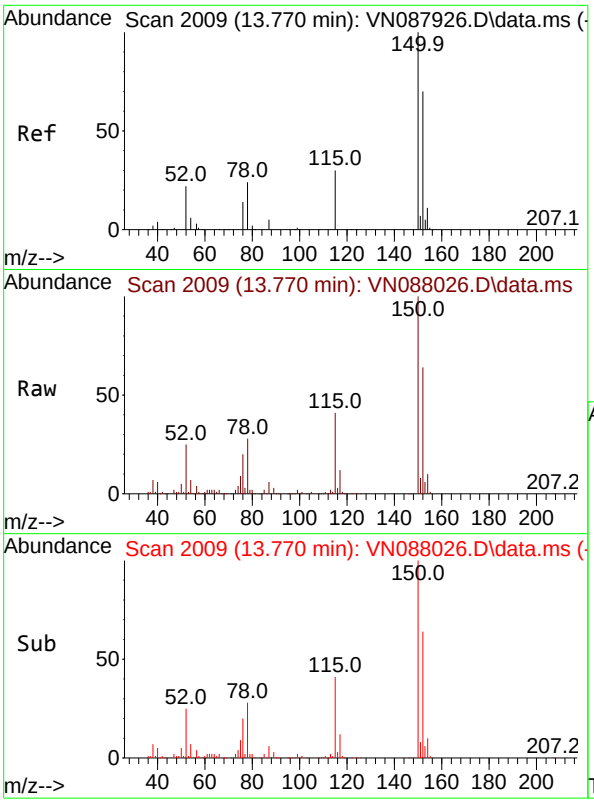


#68
m/p-Xylenes
Concen: 2.864 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Tgt Ion:106 Resp: 16039

Ion	Ratio	Lower	Upper
106	100		
91	203.0	162.9	244.3



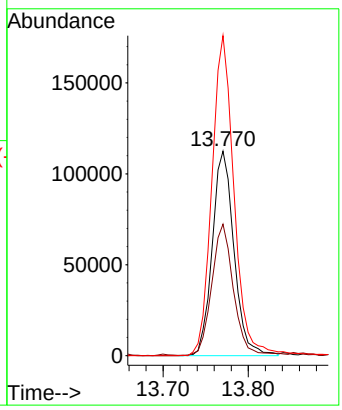


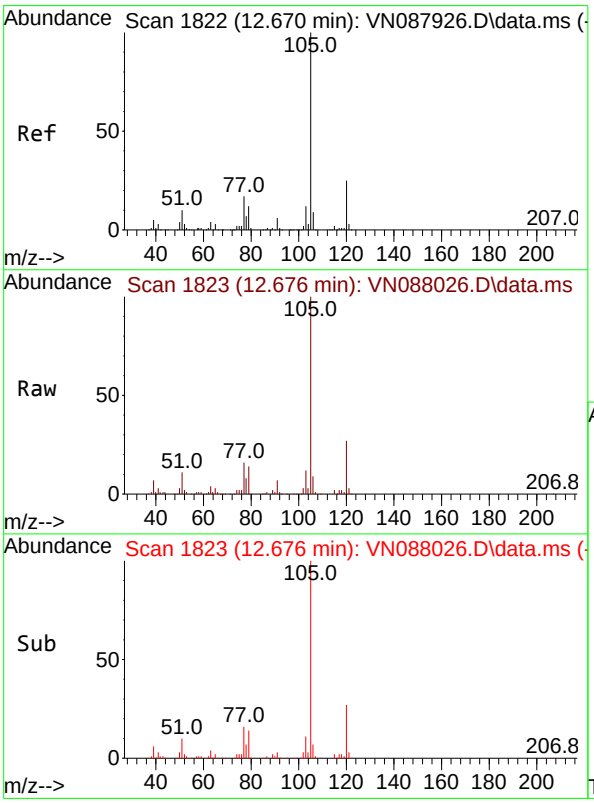
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Tgt Ion:152 Resp: 199129

Ion	Ratio	Lower	Upper
152	100		
115	63.9	29.9	89.7
150	160.7	0.0	335.0

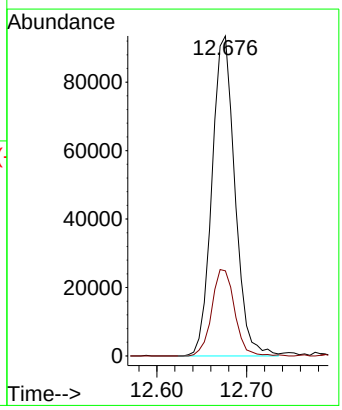


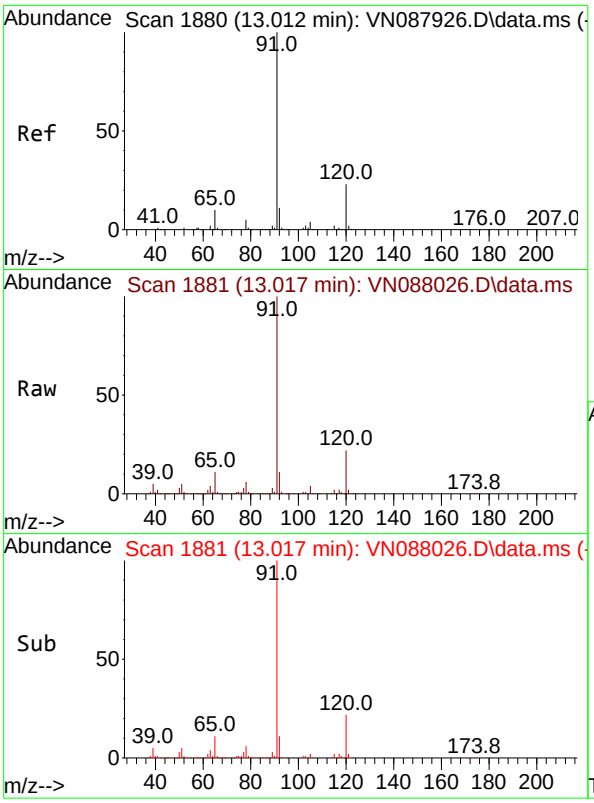


#73
Isopropylbenzene
Concen: 13.473 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Tgt Ion:105 Resp: 166276

Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.1	39.1



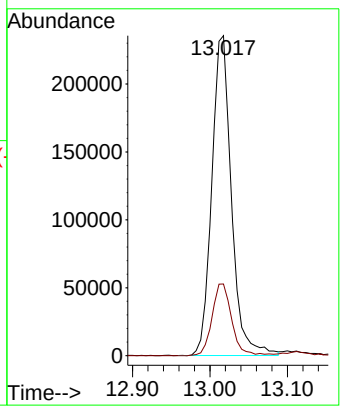


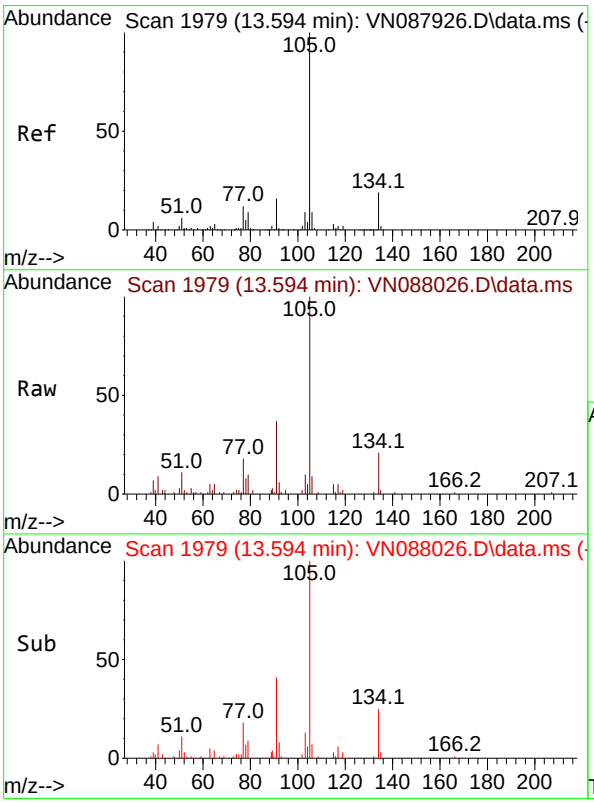
#78
n-propylbenzene
Concen: 26.916 ug/l
RT: 13.017 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Tgt Ion: 91 Resp: 415315

Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.1	33.1

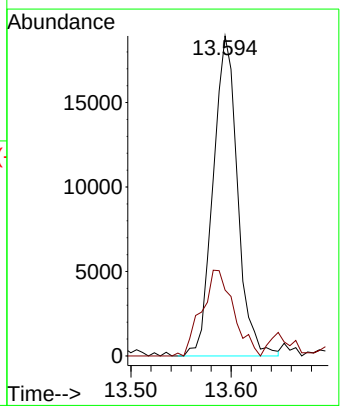


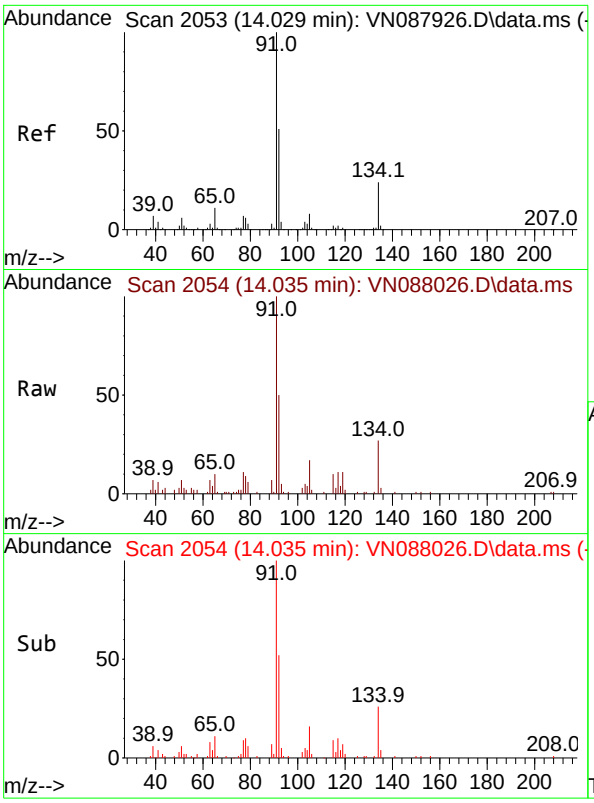


#85
sec-Butylbenzene
Concen: 2.419 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Tgt Ion:105 Resp: 32040

Ion	Ratio	Lower	Upper
105	100		
134	34.9	9.6	28.8#





#89
n-Butylbenzene
Concen: 3.931 ug/l
RT: 14.035 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Tgt Ion: 91 Resp: 41680

Ion	Ratio	Lower	Upper
91	100		
92	46.0	25.9	77.8
134	47.3	12.6	37.8#