Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032025\
Data File : VN086032.D
Acq On : 20 Mar 2025 18:21
Operator : JC\MD
Sample : Q1606-11
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
N48965

Quant Time: Mar 21 01:24:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	159682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	263937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	253998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	112204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	113670	51.985	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.980%			
35) Dibromofluoromethane	8.165	113	98503	53.469	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.940%			
50) Toluene-d8	10.565	98	329082	49.219	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.440%			
62) 4-Bromofluorobenzene	12.847	95	120750	50.640	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.280%			
Target Compounds						Qvalue
16) Acetone	4.430	43	3687	5.519	ug/l #	87
37) Ethyl Acetate	7.559	43	902256	440.879	ug/l	99
40) Benzene	8.594	78	3669	0.482	ug/l	91
51) 4-Methyl-2-Pentanone	10.447	43	1993	1.019	ug/l	92
52) Toluene	10.629	92	1088	0.233	ug/l	90
68) m/p-Xylenes	12.070	106	2873	0.786	ug/l	97
69) o-Xylene	12.394	106	4428	1.320	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	1917	0.296	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	2059	1.070	ug/l	94

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032025\
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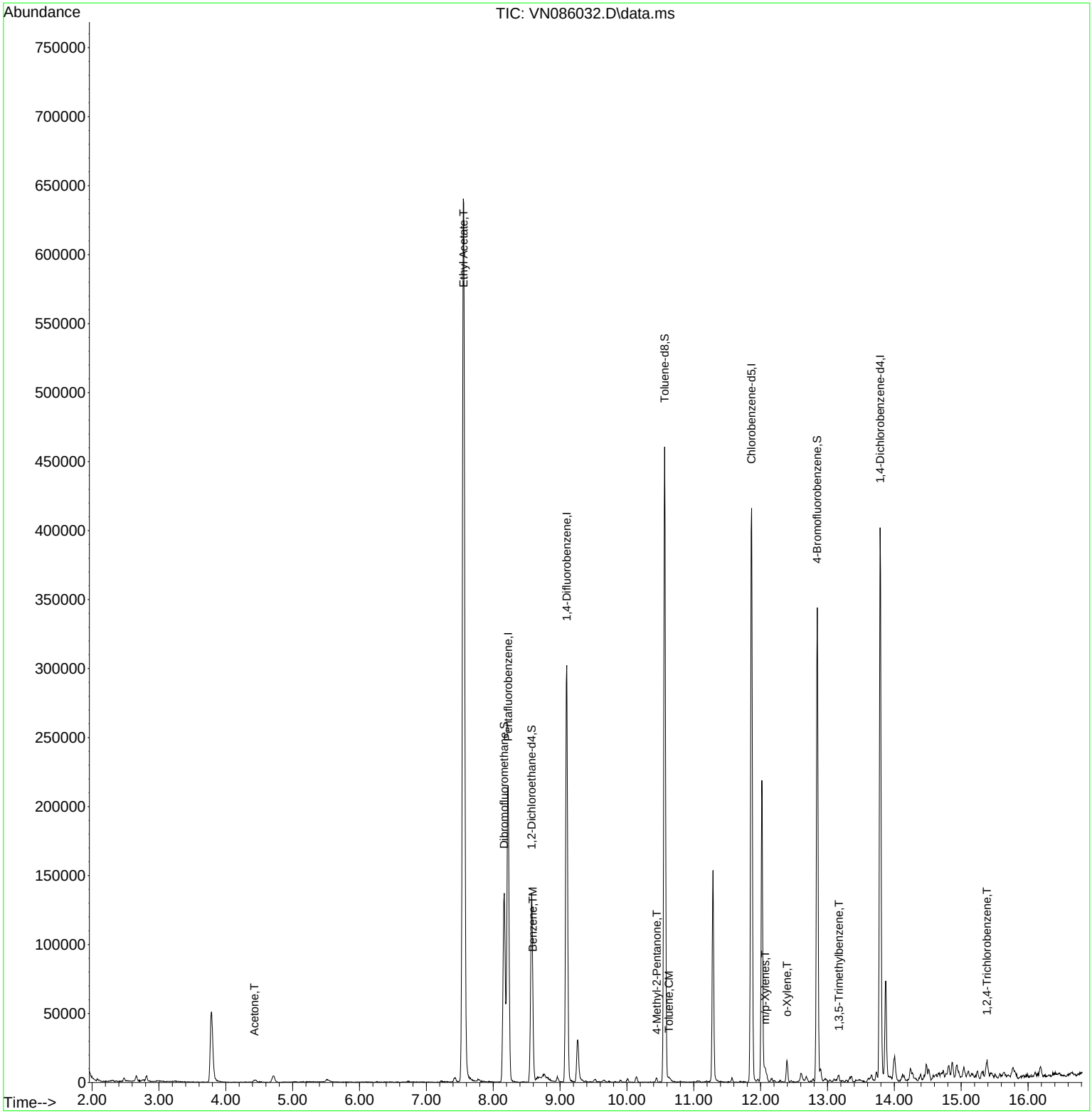
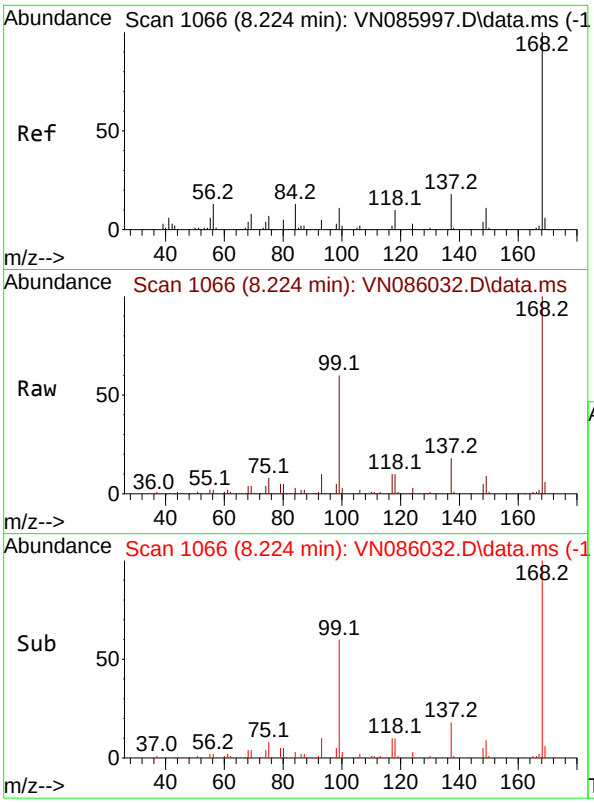


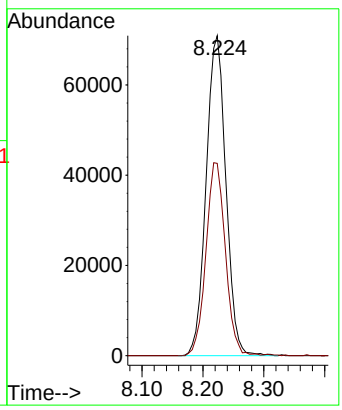


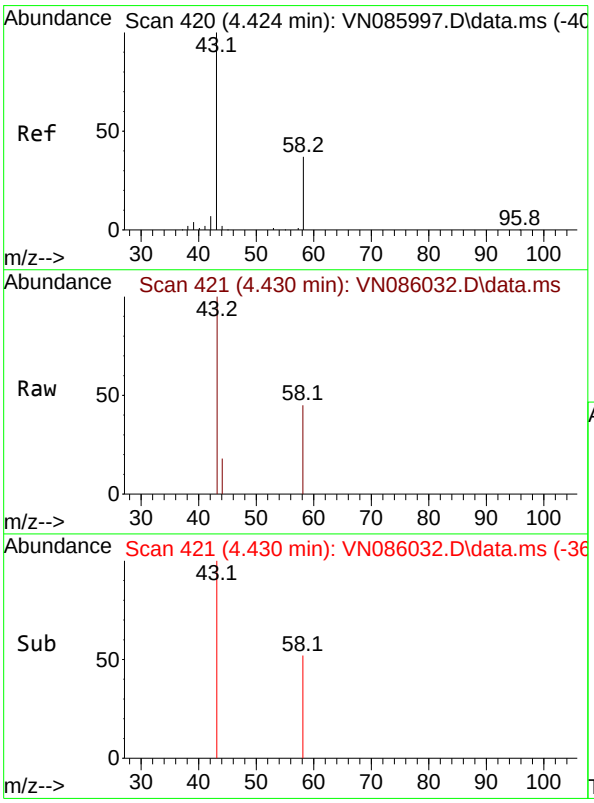
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086032.D
Acq: 20 Mar 2025 18:21

Instrument :
MSVOA_N
ClientSampleId :
N48965

Tgt Ion:168 Resp: 159682

Ion	Ratio	Lower	Upper
168	100		
99	60.1	49.4	74.2

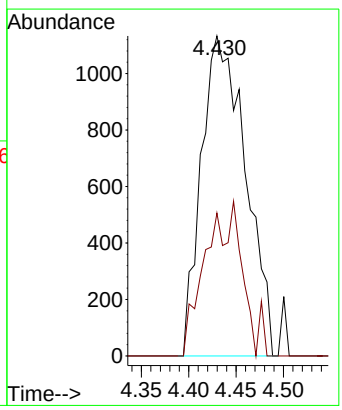


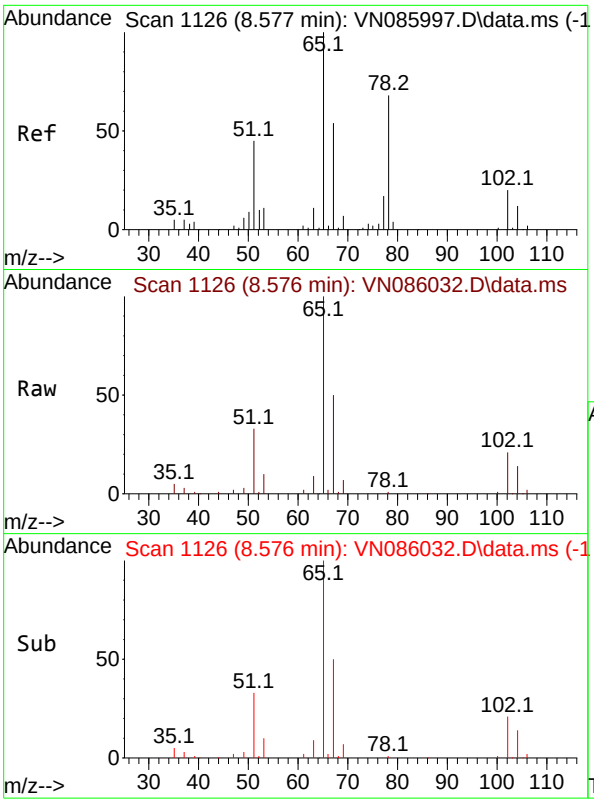


#16
Acetone
Concen: 5.519 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086032.D
Acq: 20 Mar 2025 18:21

Tgt Ion: 43 Resp: 3687

Ion	Ratio	Lower	Upper
43	100		
58	44.7	29.4	44.2#



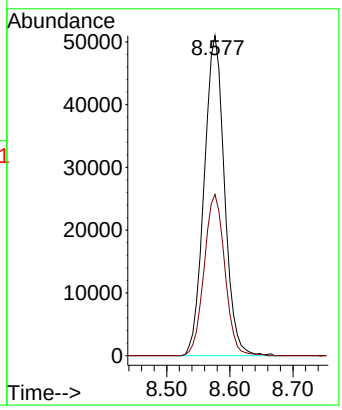


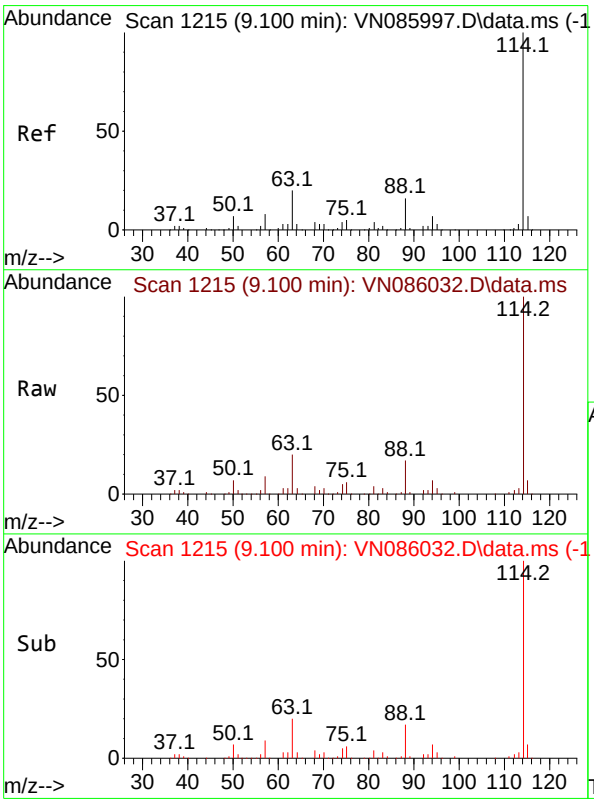
#33
1,2-Dichloroethane-d4
Concen: 51.985 ug/l
RT: 8.576 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086032.D
Acq: 20 Mar 2025 18:21

Instrument :
MSVOA_N
ClientSampleId :
N48965

Tgt Ion: 65 Resp: 113670

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	102.2

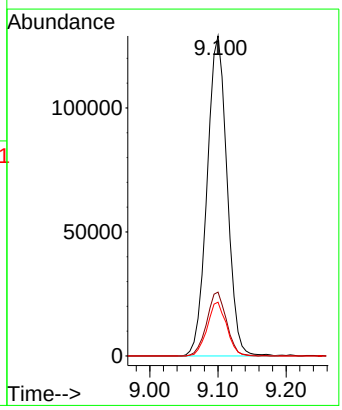


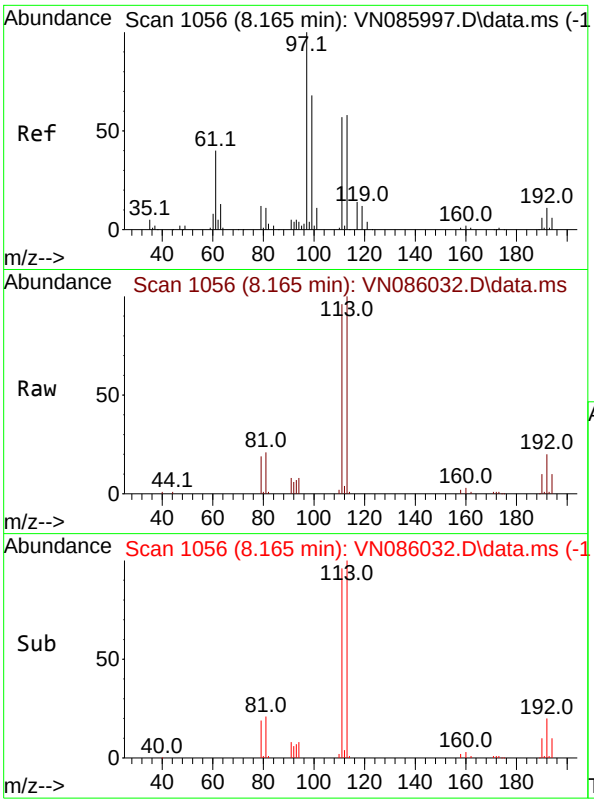


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086032.D
Acq: 20 Mar 2025 18:21

Tgt Ion:114 Resp: 263937

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.6
88	16.8	0.0	32.6



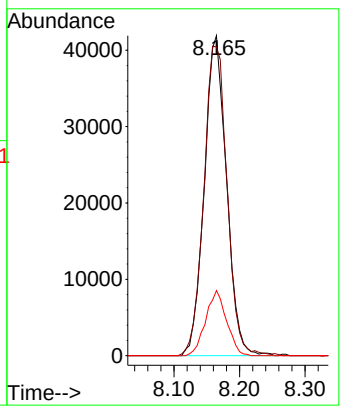


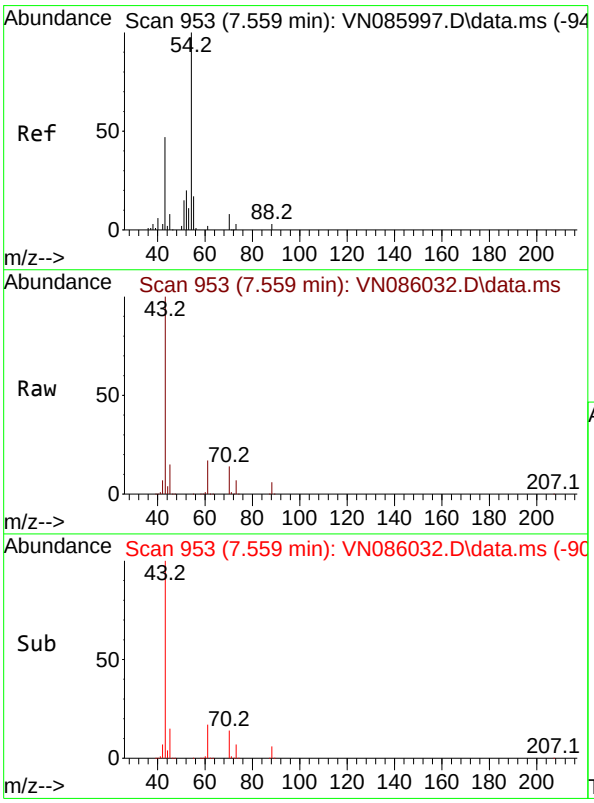
#35
Dibromofluoromethane
Concen: 53.469 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086032.D
Acq: 20 Mar 2025 18:21

Instrument :
MSVOA_N
ClientSampleId :
N48965

Tgt Ion:113 Resp: 98503

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.8	122.8
192	19.2	15.9	23.9

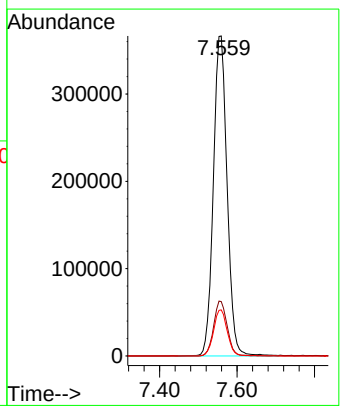


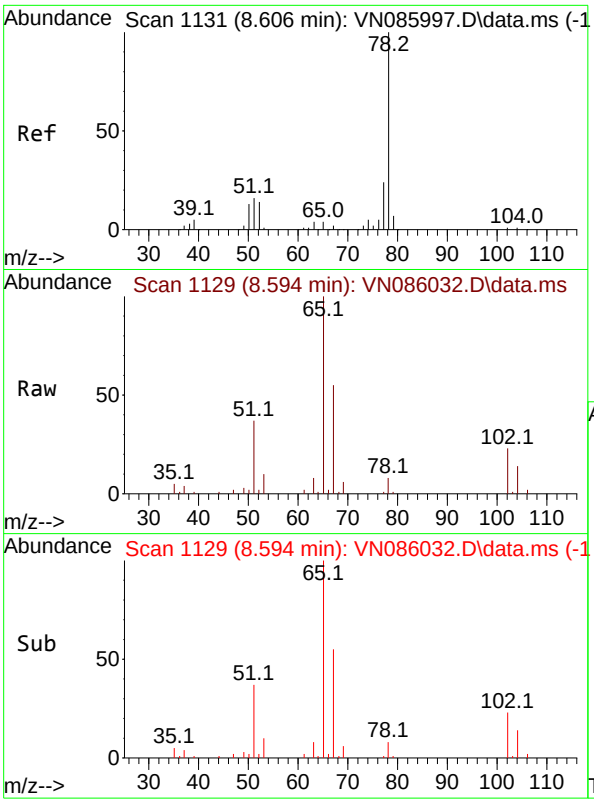


#37
Ethyl Acetate
Concen: 440.879 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN086032.D
Acq: 20 Mar 2025 18:21

Tgt Ion: 43 Resp: 902256

Ion	Ratio	Lower	Upper
43	100		
61	16.9	13.0	19.4
70	14.3	11.0	16.6



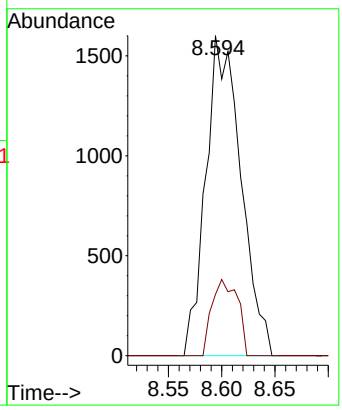


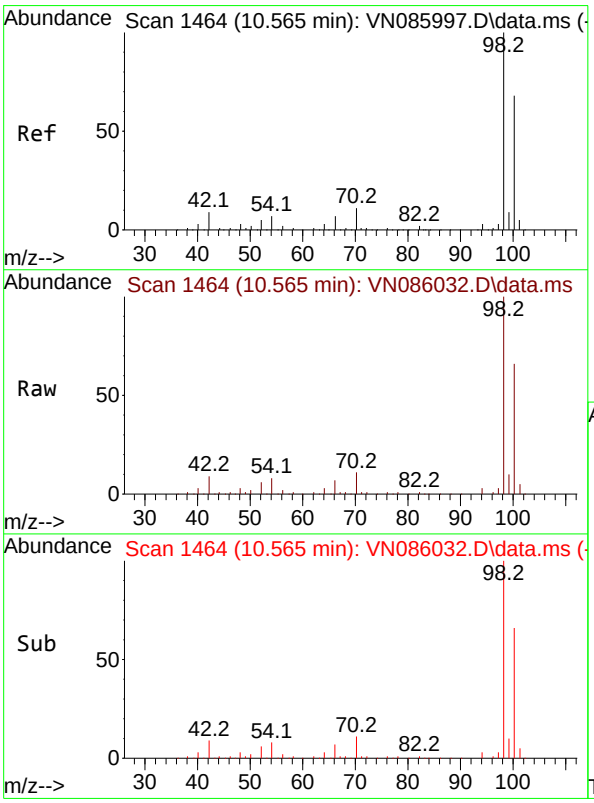
#40
Benzene
Concen: 0.482 ug/l
RT: 8.594 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN086032.D
Acq: 20 Mar 2025 18:21

Instrument :
MSVOA_N
ClientSampleId :
N48965

Tgt Ion: 78 Resp: 3669

Ion	Ratio	Lower	Upper
78	100		
77	19.2	18.9	28.3

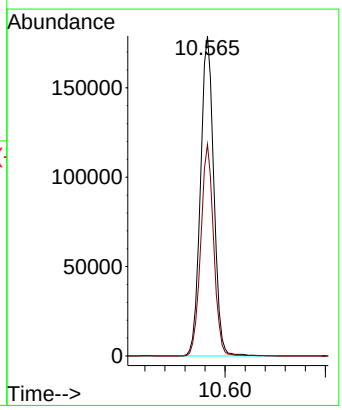


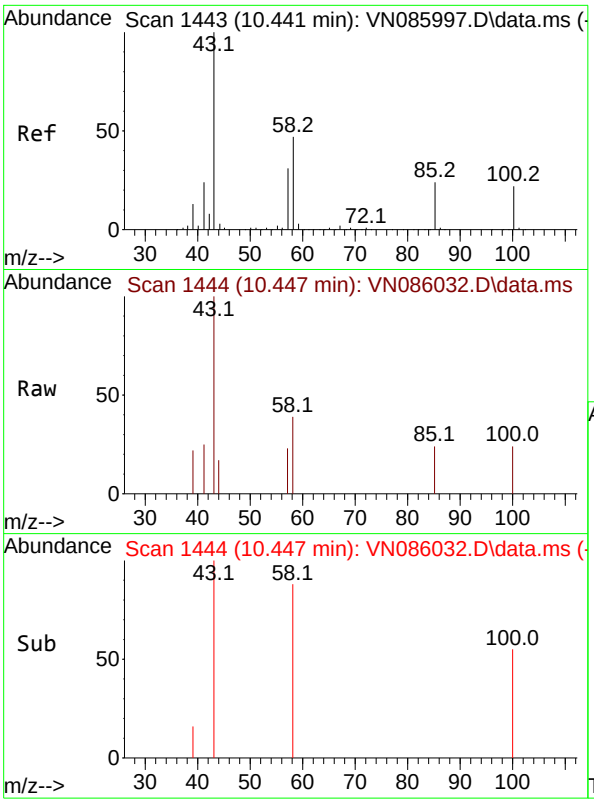


#50
Toluene-d8
Concen: 49.219 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086032.D
Acq: 20 Mar 2025 18:21

Tgt Ion: 98 Resp: 329082

Ion	Ratio	Lower	Upper
98	100		
100	64.1	53.1	79.7



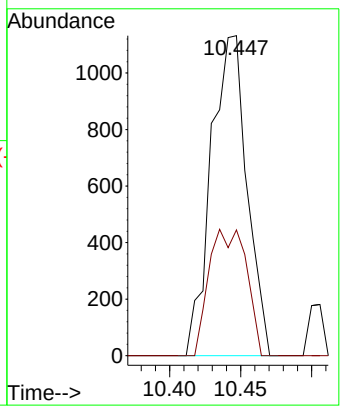


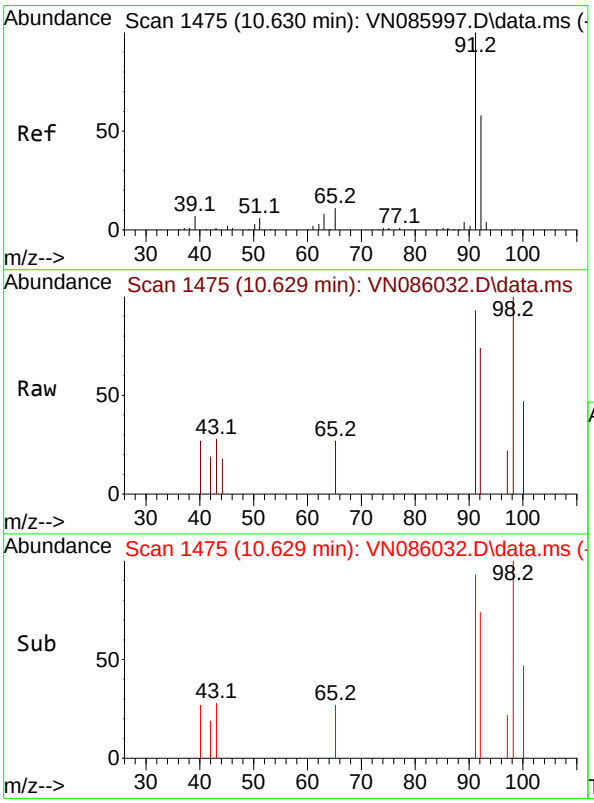
#51
4-Methyl-2-Pentanone
Concen: 1.019 ug/l
RT: 10.447 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN086032.D
Acq: 20 Mar 2025 18:21

Instrument :
MSVOA_N
ClientSampleId :
N48965

Tgt Ion: 43 Resp: 1993

Ion	Ratio	Lower	Upper
43	100		
58	41.3	37.4	56.0

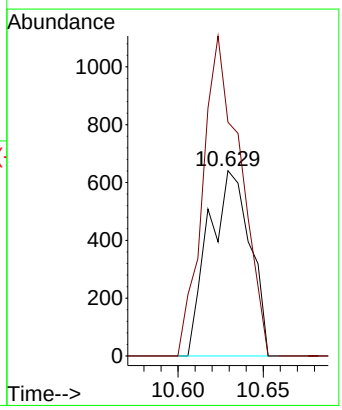


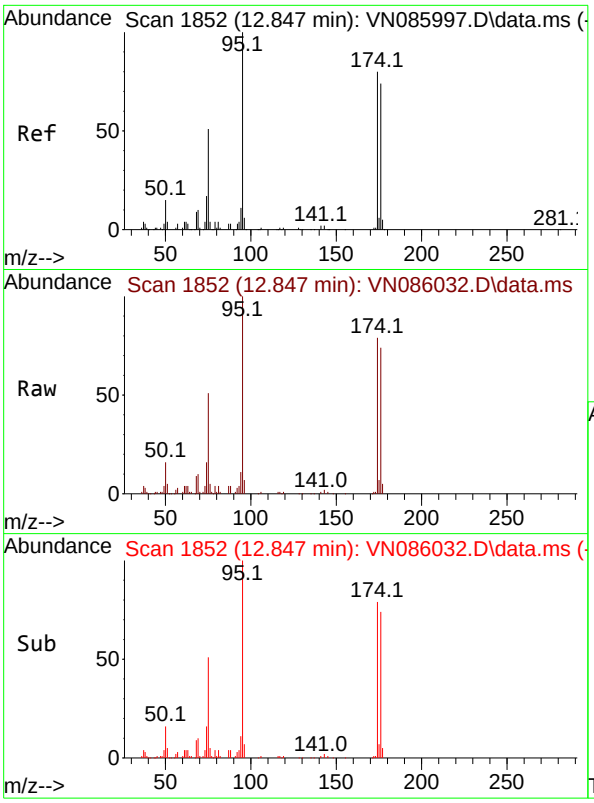


#52
Toluene
Concen: 0.233 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086032.D
Acq: 20 Mar 2025 18:21

Tgt Ion: 92 Resp: 1088

Ion	Ratio	Lower	Upper
92	100		
91	156.1	136.2	204.4



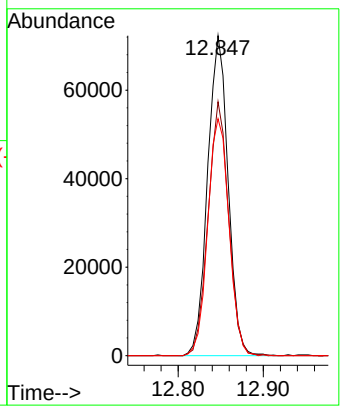


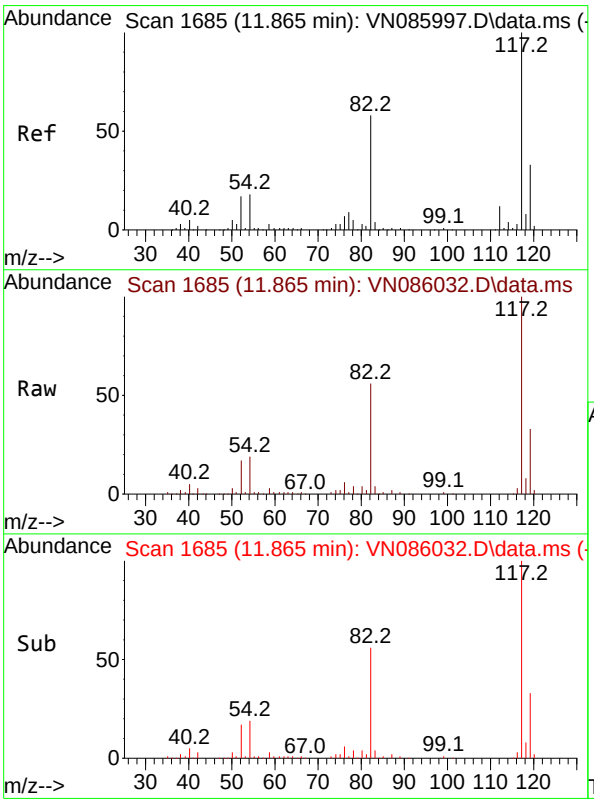
#62
4-Bromofluorobenzene
Concen: 50.640 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086032.D
Acq: 20 Mar 2025 18:21

Instrument :
MSVOA_N
ClientSampleId :
N48965

Tgt Ion: 95 Resp: 120750

Ion	Ratio	Lower	Upper
95	100		
174	79.4	0.0	156.8
176	76.6	0.0	152.2

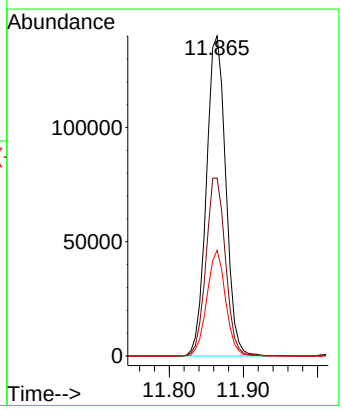


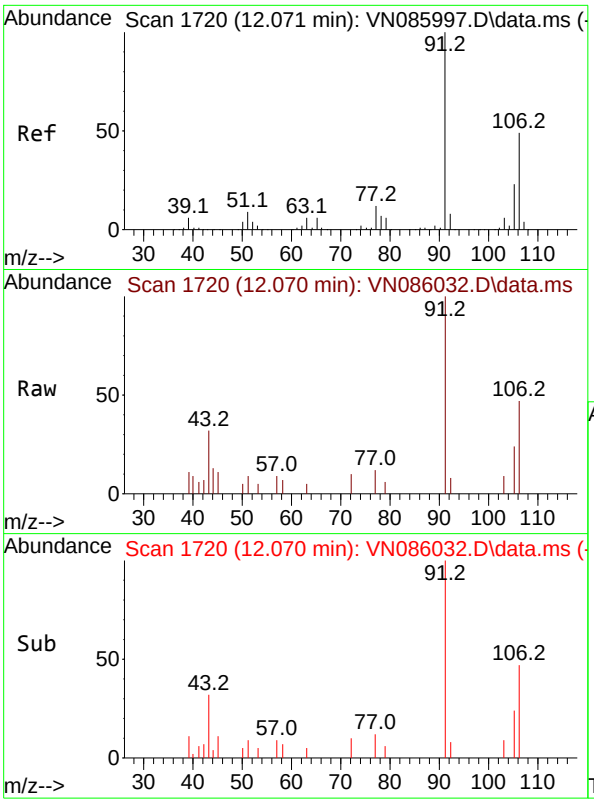


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086032.D
Acq: 20 Mar 2025 18:21

Tgt Ion:117 Resp: 253998

Ion	Ratio	Lower	Upper
117	100		
82	55.6	46.7	70.1
119	33.0	26.5	39.7



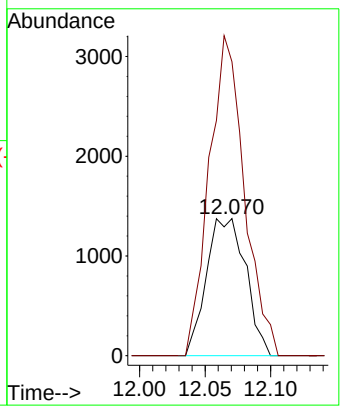


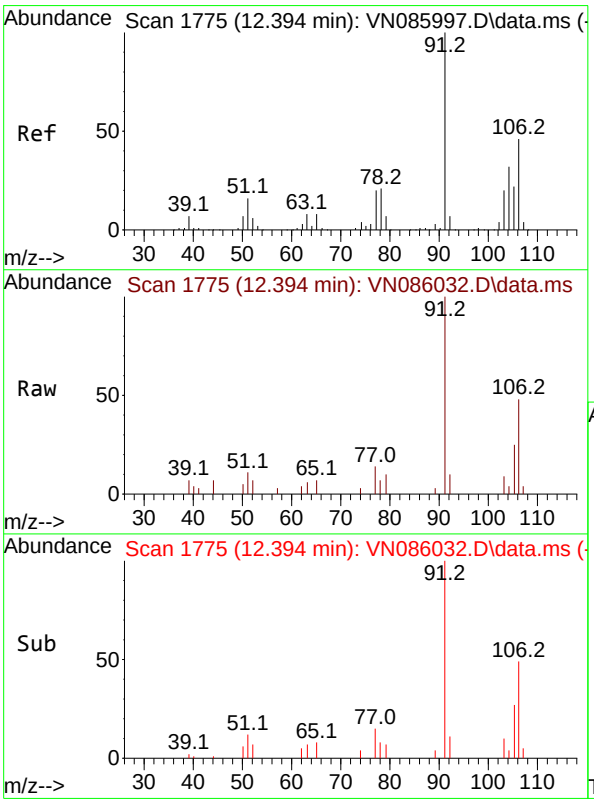
#68
m/p-Xylenes
Concen: 0.786 ug/l
RT: 12.070 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086032.D
Acq: 20 Mar 2025 18:21

Instrument :
MSVOA_N
ClientSampleId :
N48965

Tgt Ion:106 Resp: 2873

Ion	Ratio	Lower	Upper
106	100		
91	209.0	163.9	245.9

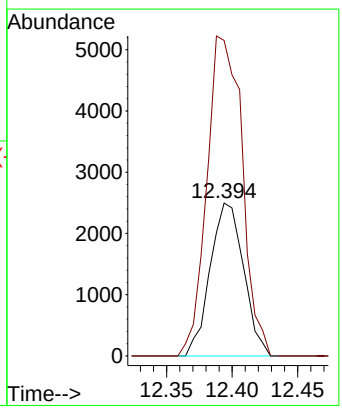


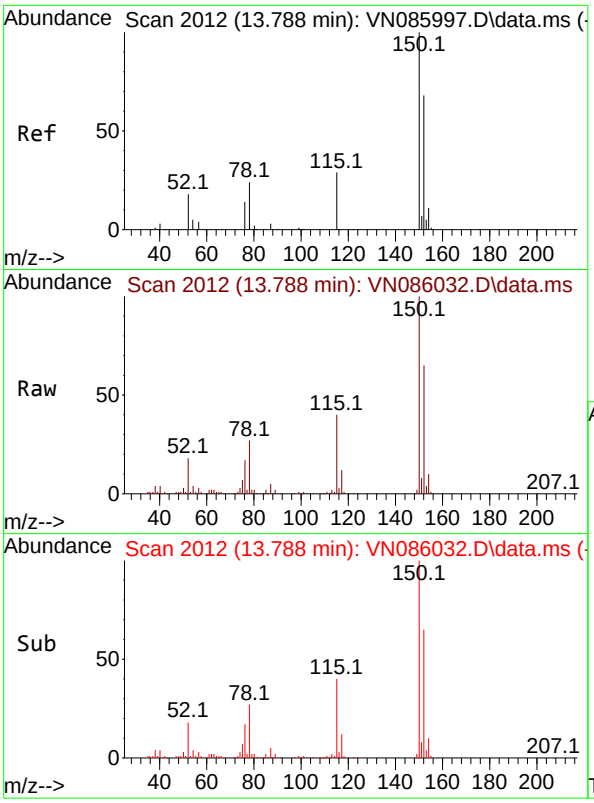


#69
o-Xylene
Concen: 1.320 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086032.D
Acq: 20 Mar 2025 18:21

Tgt Ion:106 Resp: 4428

Ion	Ratio	Lower	Upper
106	100		
91	220.5	109.1	327.2



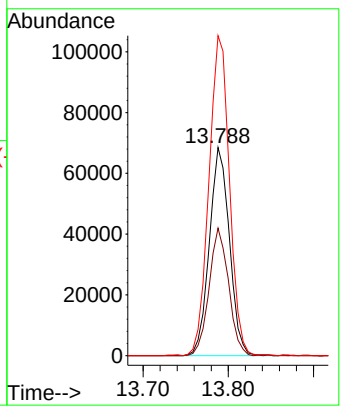


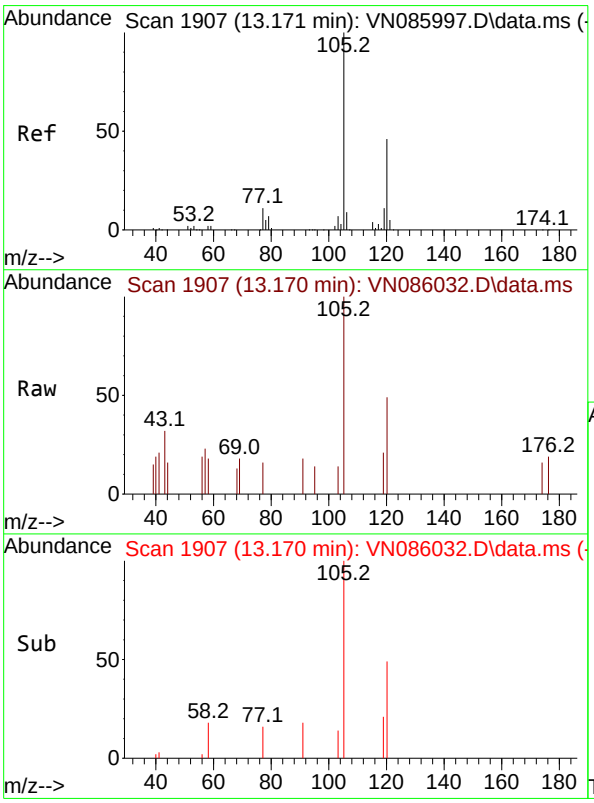
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086032.D
Acq: 20 Mar 2025 18:21

Instrument :
MSVOA_N
ClientSampleId :
N48965

Tgt Ion:152 Resp: 112204

Ion	Ratio	Lower	Upper
152	100		
115	59.5	31.1	93.2
150	157.1	0.0	359.6

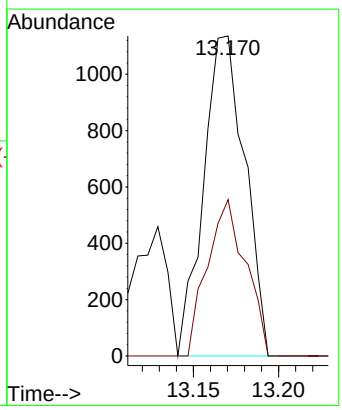


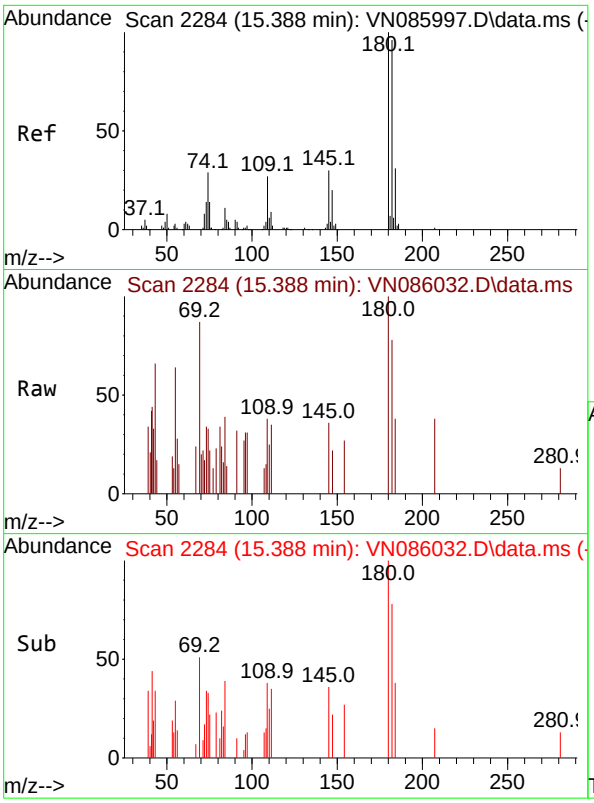


#80
1,3,5-Trimethylbenzene
Concen: 0.296 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086032.D
Acq: 20 Mar 2025 18:21

Tgt Ion:105 Resp: 1917

Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.7	71.1





#93
1,2,4-Trichlorobenzene
Concen: 1.070 ug/l
RT: 15.388 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086032.D
Acq: 20 Mar 2025 18:21

Instrument :
MSVOA_N
ClientSampleId :
N48965

Tgt Ion:180 Resp: 2059

Ion	Ratio	Lower	Upper
180	100		
182	100.7	47.0	141.0
145	33.5	15.5	46.5