Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020425\
Data File : VN085649.D
Acq On : 04 Feb 2025 14:02
Operator : JC\MD
Sample : Q1234-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
50605

Quant Time: Feb 04 14:18:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	184442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	360630	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	306233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	148956	50.031	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.060%			
35) Dibromofluoromethane	8.165	113	121626	48.614	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.220%			
50) Toluene-d8	10.565	98	426032	47.927	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.860%			
62) 4-Bromofluorobenzene	12.847	95	134540	44.246	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 88.500%			
Target Compounds						Qvalue
16) Acetone	4.430	43	21976	22.844	ug/l	97
18) Methyl Acetate	5.030	43	8808	3.011	ug/l	95
40) Benzene	8.606	78	534899	50.699	ug/l	98
52) Toluene	10.629	92	223288	36.526	ug/l	98
67) Ethyl Benzene	11.959	91	12889	1.180	ug/l	98
68) m/p-Xylenes	12.065	106	29829	7.387	ug/l	93
69) o-Xylene	12.400	106	8667	2.246	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	6356	0.933	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	8131	1.197	ug/l	92

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
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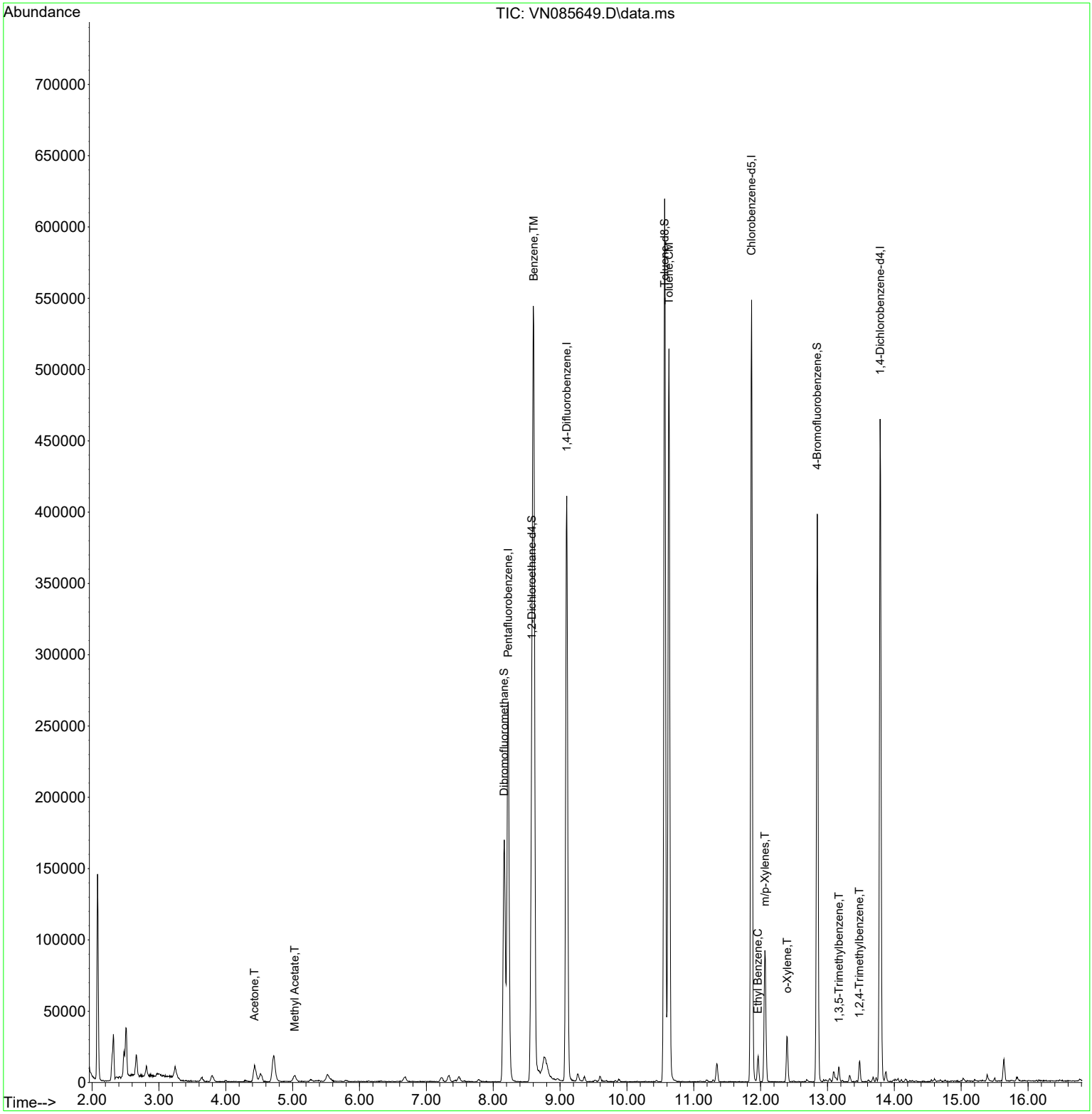
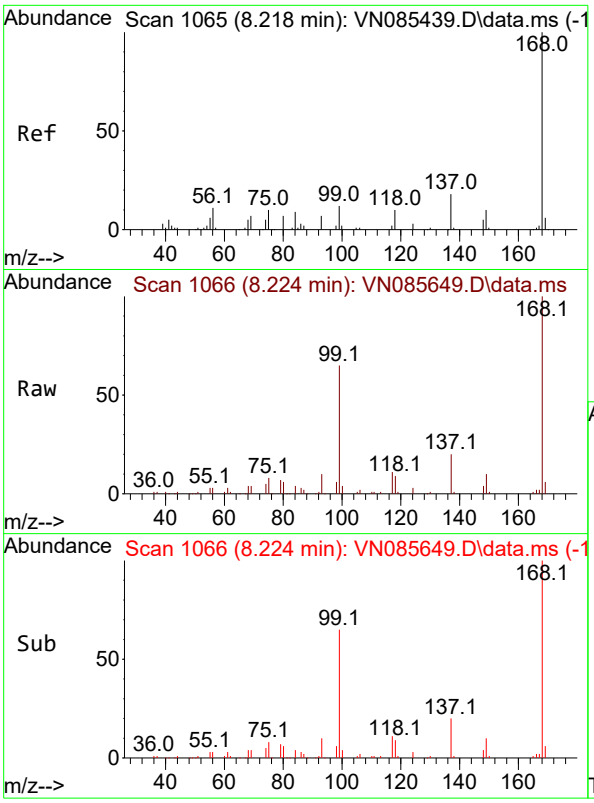


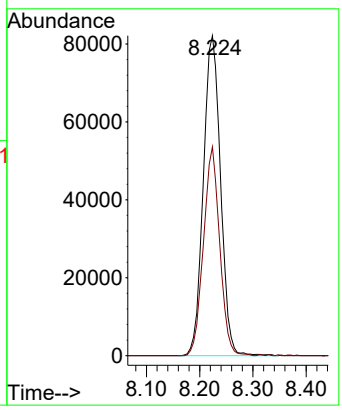


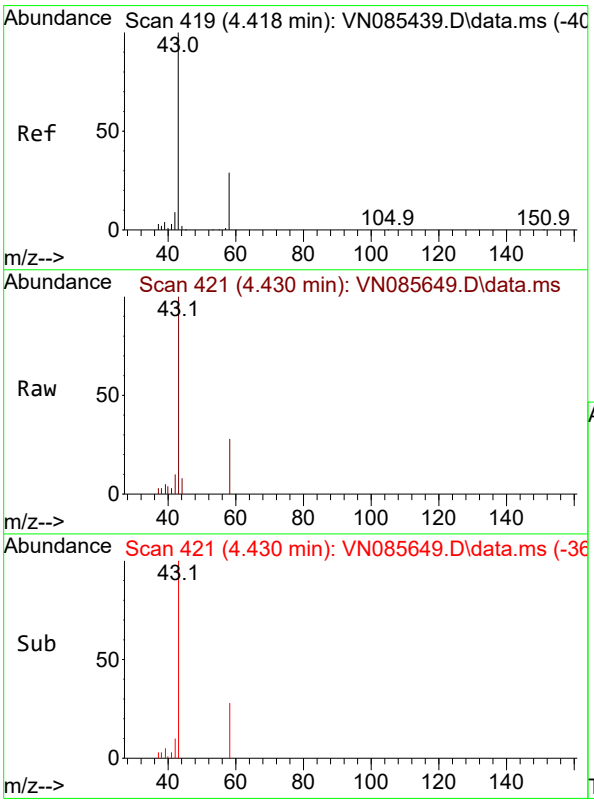
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085649.D
Acq: 04 Feb 2025 14:02

Instrument :
MSVOA_N
ClientSampleId :
50605

Tgt Ion:168 Resp: 184442

Ion	Ratio	Lower	Upper
168	100		
99	65.2	53.6	80.4

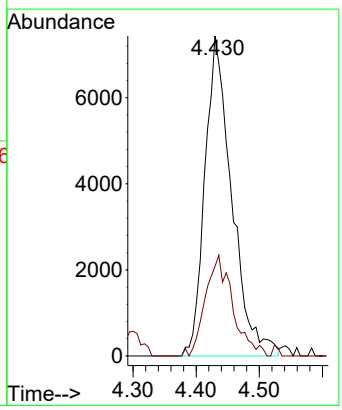


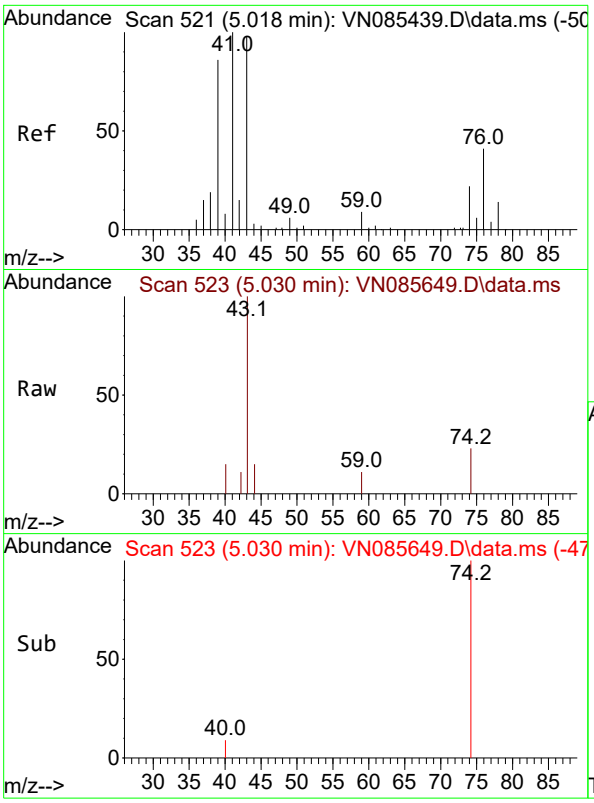


#16
Acetone
Concen: 22.844 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085649.D
Acq: 04 Feb 2025 14:02

Tgt Ion: 43 Resp: 21976

Ion	Ratio	Lower	Upper
43	100		
58	28.0	23.8	35.6



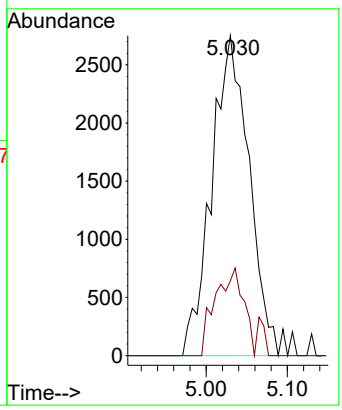


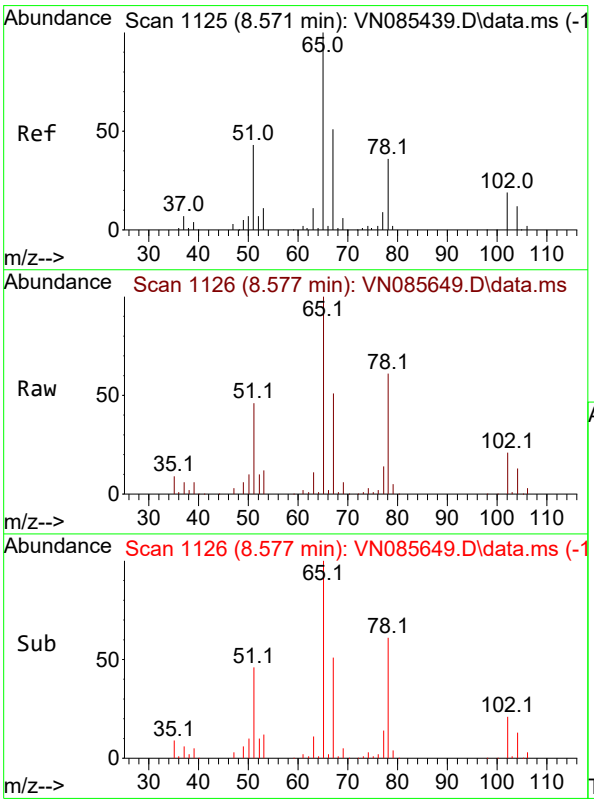
#18
Methyl Acetate
Concen: 3.011 ug/l
RT: 5.030 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN085649.D
Acq: 04 Feb 2025 14:02

Instrument :
MSVOA_N
ClientSampleId :
50605

Tgt Ion: 43 Resp: 8808

Ion	Ratio	Lower	Upper
43	100		
74	20.7	18.6	28.0

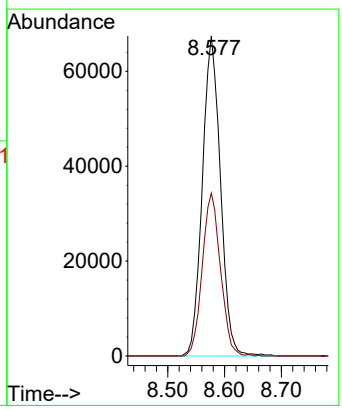


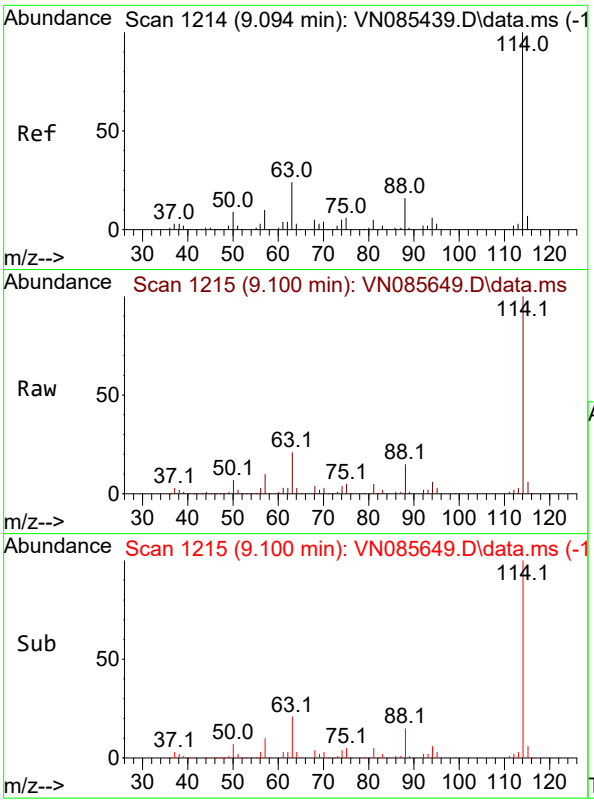


#33
1,2-Dichloroethane-d4
Concen: 50.031 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085649.D
Acq: 04 Feb 2025 14:02

Tgt Ion: 65 Resp: 148956

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	101.6



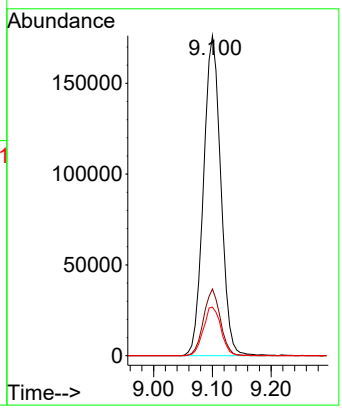


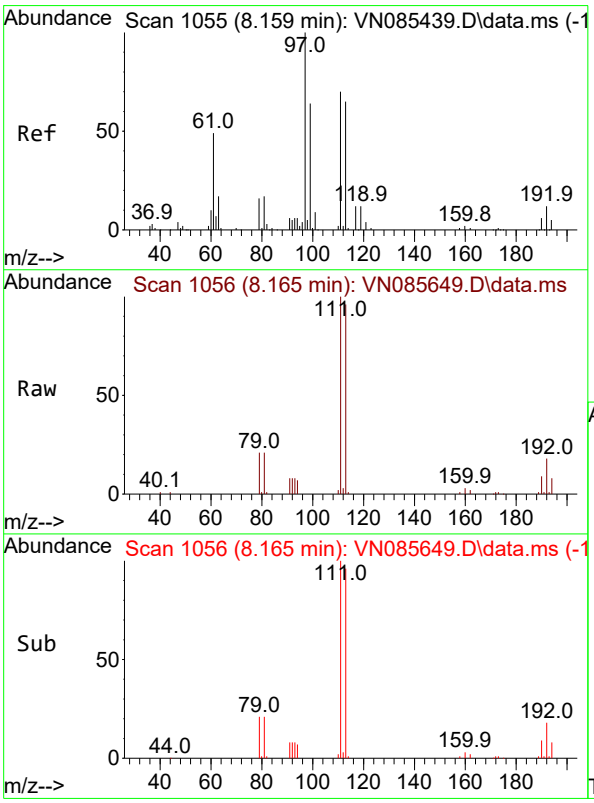
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085649.D
Acq: 04 Feb 2025 14:02

Instrument :
MSVOA_N
ClientSampleId :
50605

Tgt Ion:114 Resp: 360630

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	47.6
88	15.2	0.0	32.6

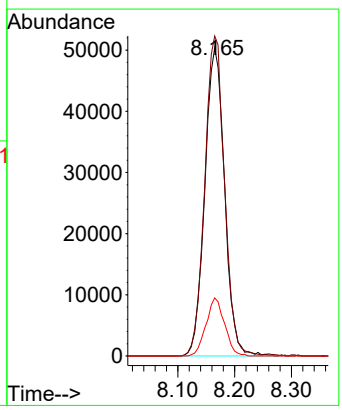


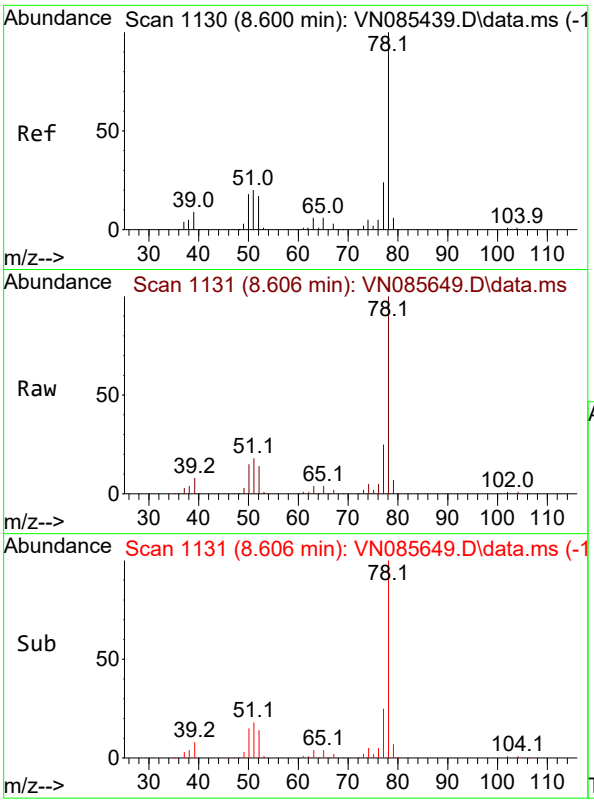


#35
Dibromofluoromethane
Concen: 48.614 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085649.D
Acq: 04 Feb 2025 14:02

Tgt Ion:113 Resp: 121626

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.7	124.1
192	17.7	14.3	21.5



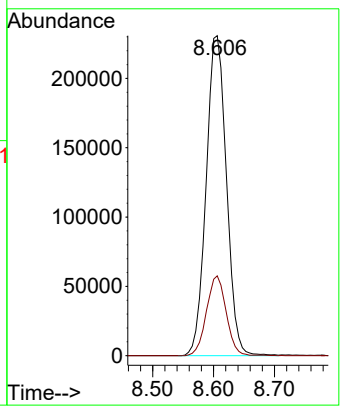


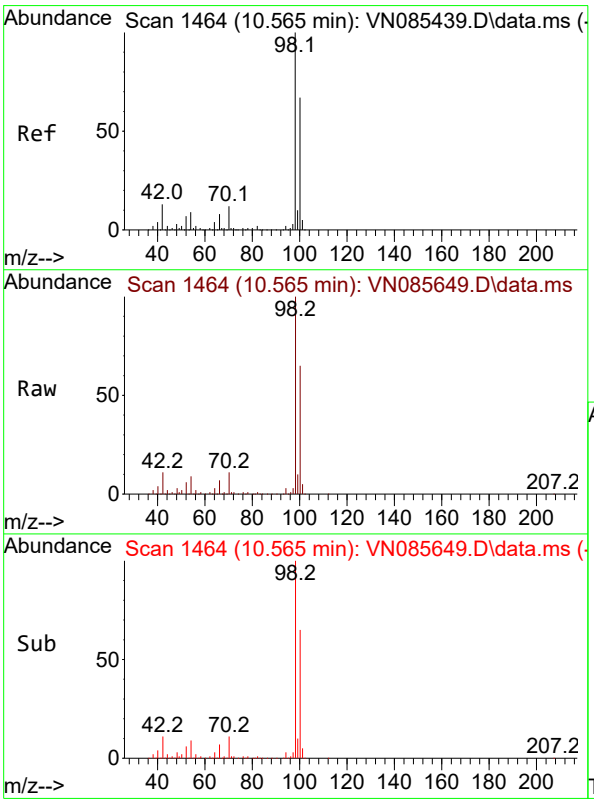
#40
Benzene
Concen: 50.699 ug/l
RT: 8.606 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085649.D
Acq: 04 Feb 2025 14:02

Instrument :
MSVOA_N
ClientSampleId :
50605

Tgt Ion: 78 Resp: 534899

Ion	Ratio	Lower	Upper
78	100		
77	25.0	19.0	28.6

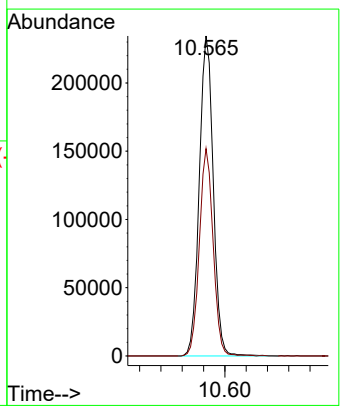


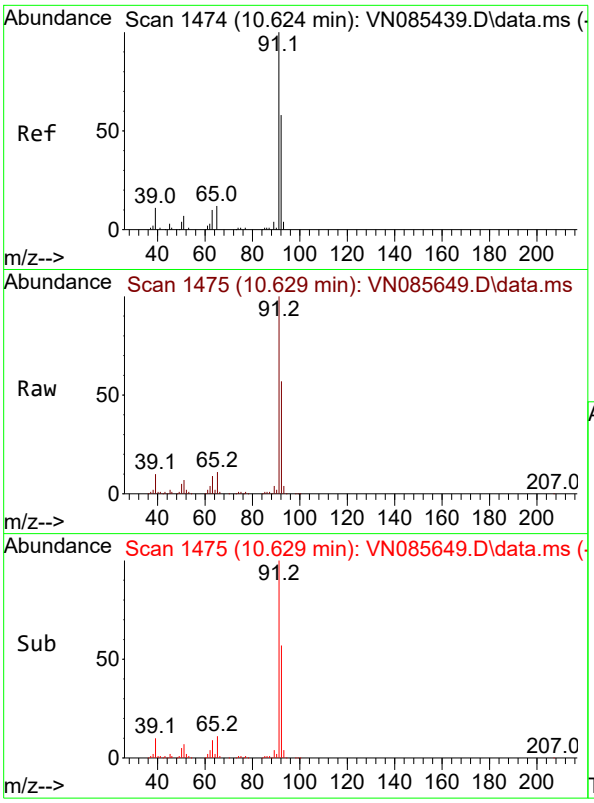


#50
Toluene-d8
Concen: 47.927 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085649.D
Acq: 04 Feb 2025 14:02

Tgt Ion: 98 Resp: 426032

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.2	78.4



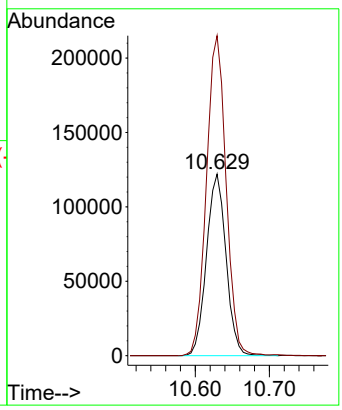


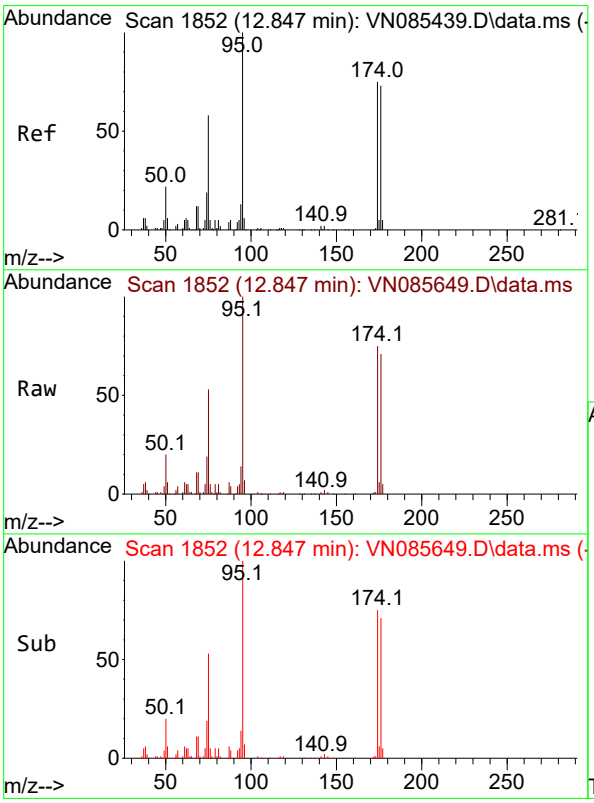
#52
Toluene
Concen: 36.526 ug/l
RT: 10.629 min Scan# 14
Delta R.T. 0.005 min
Lab File: VN085649.D
Acq: 04 Feb 2025 14:02

Instrument :
MSVOA_N
ClientSampleId :
50605

Tgt Ion: 92 Resp: 223288

Ion	Ratio	Lower	Upper
92	100		
91	177.1	139.2	208.8

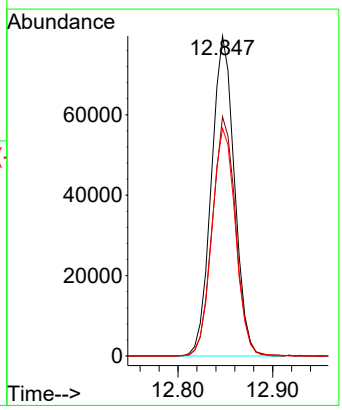


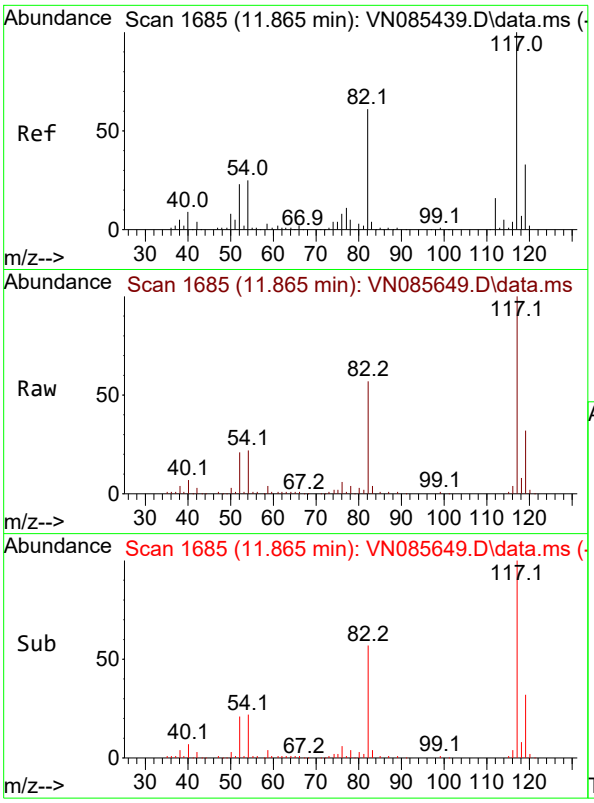


#62
4-Bromofluorobenzene
Concen: 44.246 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085649.D
Acq: 04 Feb 2025 14:02

Tgt Ion: 95 Resp: 134540

Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	145.0
176	72.9	0.0	142.4



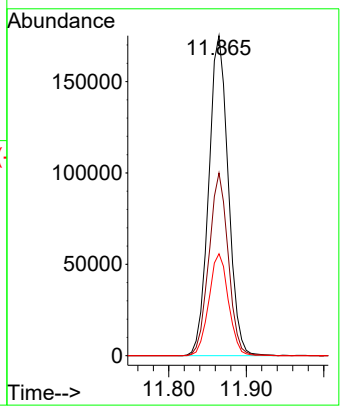


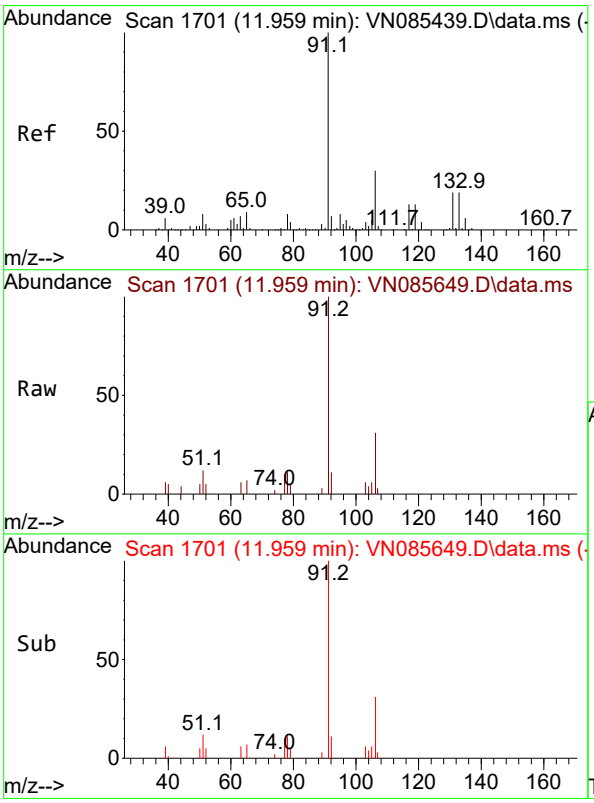
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN085649.D
Acq: 04 Feb 2025 14:02

Instrument :
MSVOA_N
ClientSampleId :
50605

Tgt Ion:117 Resp: 306233

Ion	Ratio	Lower	Upper
117	100		
82	57.1	48.6	72.8
119	31.8	26.6	39.8

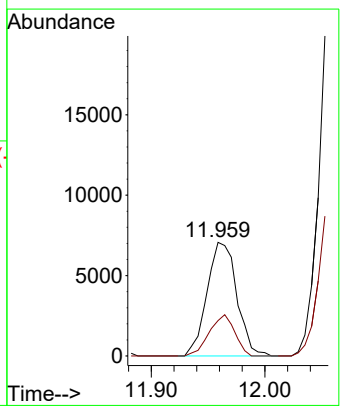


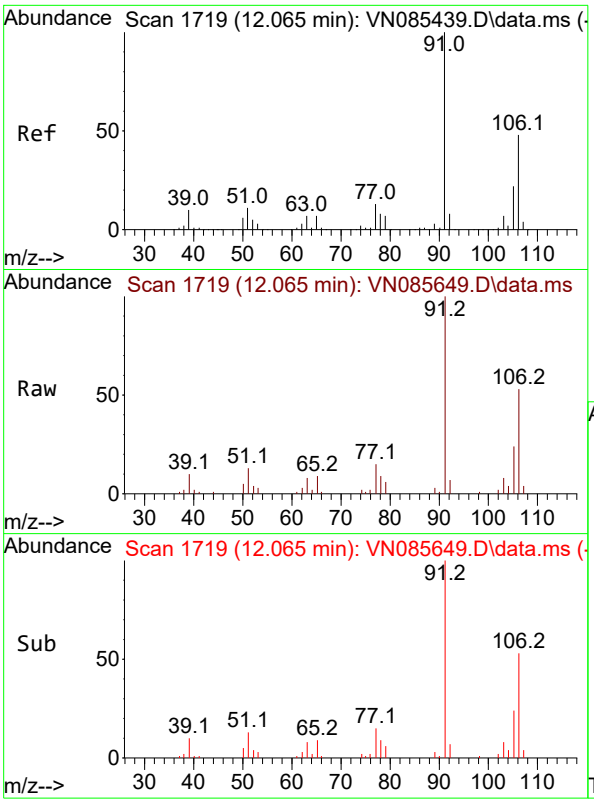


#67
Ethyl Benzene
Concen: 1.180 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085649.D
Acq: 04 Feb 2025 14:02

Tgt Ion: 91 Resp: 12889

Ion	Ratio	Lower	Upper
91	100		
106	31.1	23.8	35.8



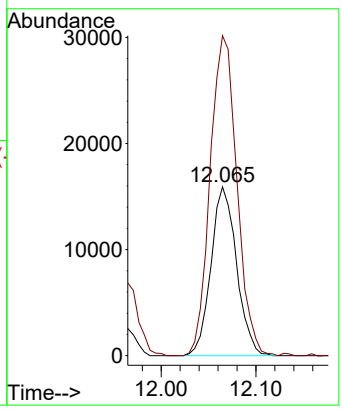


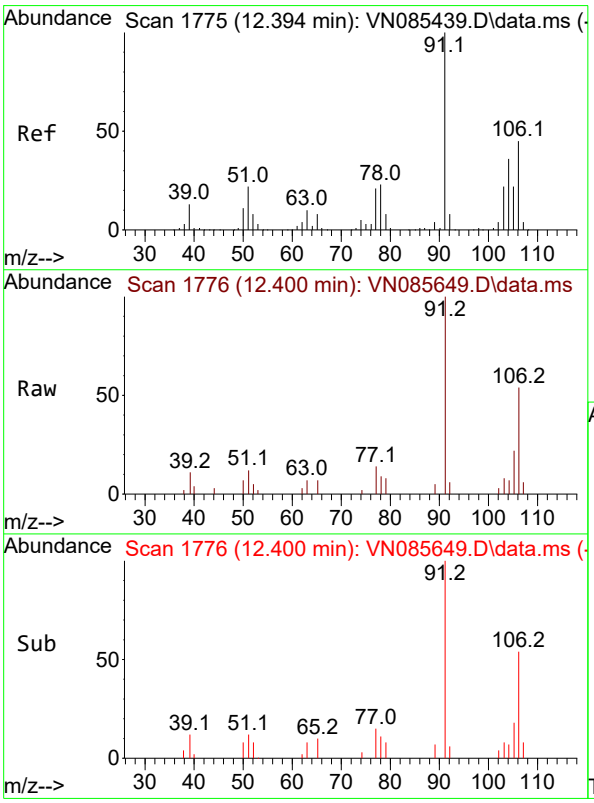
#68
m/p-Xylenes
Concen: 7.387 ug/l
RT: 12.065 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN085649.D
Acq: 04 Feb 2025 14:02

Instrument :
MSVOA_N
ClientSampleId :
50605

Tgt Ion:106 Resp: 29829

Ion	Ratio	Lower	Upper
106	100		
91	198.7	167.7	251.5

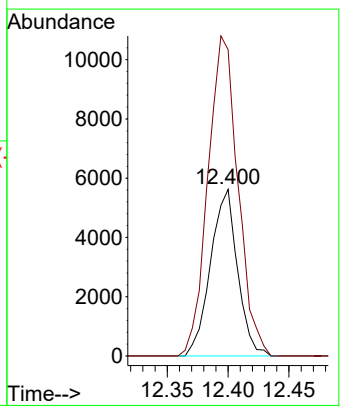


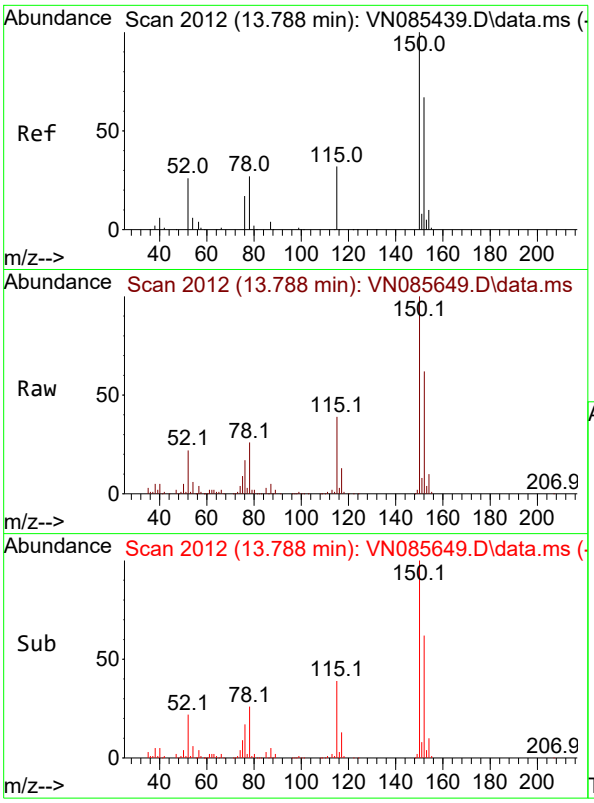


#69
o-Xylene
Concen: 2.246 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN085649.D
Acq: 04 Feb 2025 14:02

Tgt Ion:106 Resp: 8667

Ion	Ratio	Lower	Upper
106	100		
91	213.7	110.4	331.2



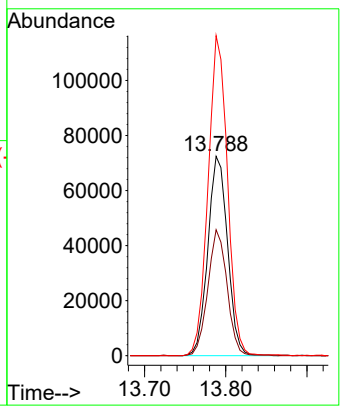


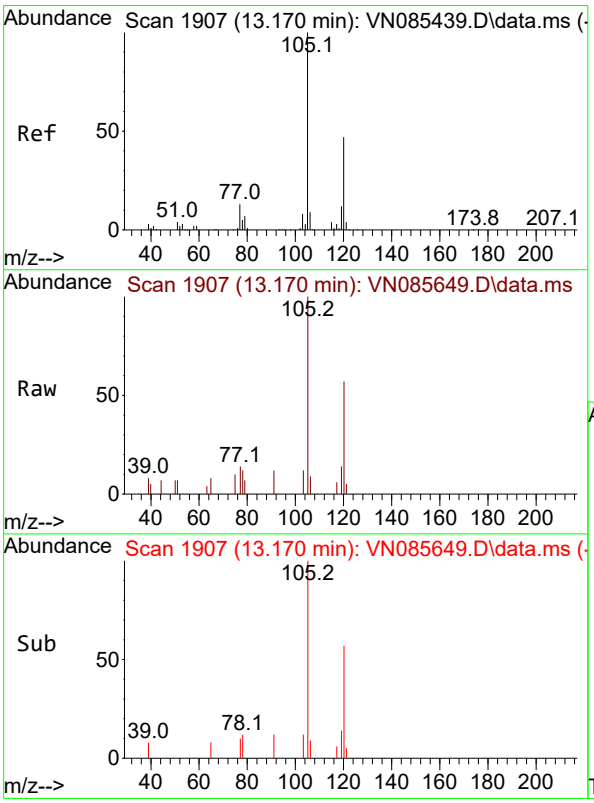
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN085649.D
Acq: 04 Feb 2025 14:02

Instrument :
MSVOA_N
ClientSampleId :
50605

Tgt Ion:152 Resp: 122246

Ion	Ratio	Lower	Upper
152	100		
115	61.5	31.1	93.3
150	157.5	0.0	343.6

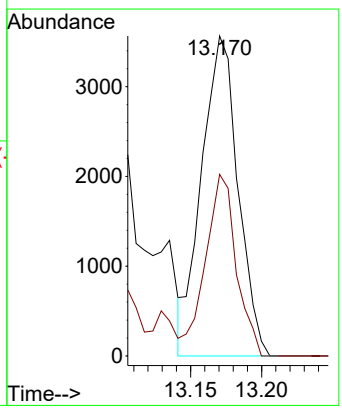


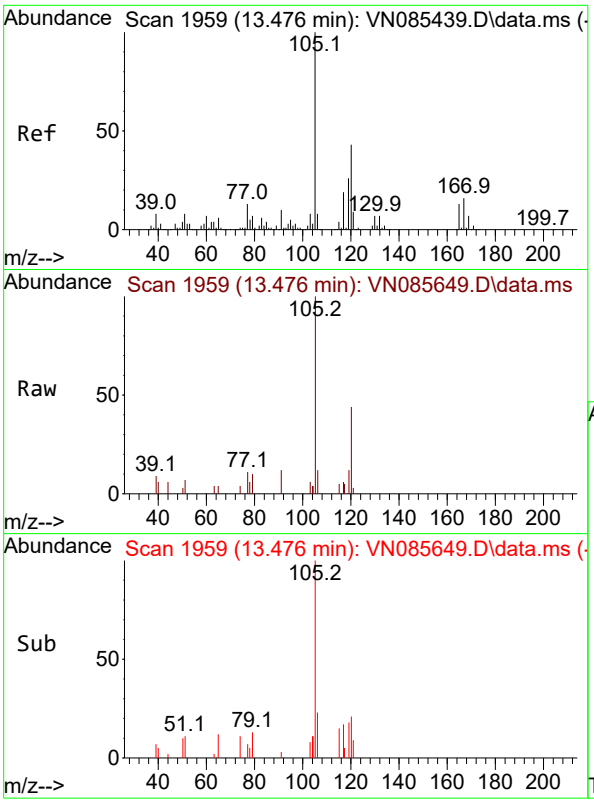


#80
1,3,5-Trimethylbenzene
Concen: 0.933 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085649.D
Acq: 04 Feb 2025 14:02

Tgt Ion:105 Resp: 6356

Ion	Ratio	Lower	Upper
105	100		
120	48.1	23.9	71.7





#84
1,2,4-Trimethylbenzene
Concen: 1.197 ug/l
RT: 13.476 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN085649.D
Acq: 04 Feb 2025 14:02

Instrument :
MSVOA_N
ClientSampleId :
50605

Tgt Ion:105 Resp: 8131

Ion	Ratio	Lower	Upper
105	100		
120	48.3	21.6	65.0