Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013025\
Data File : VN085588.D
Acq On : 30 Jan 2025 18:42
Operator : JC\MD
Sample : Q1219-01 20X
Misc : 1.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0015

Quant Time: Jan 31 02:40:03 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	166098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	315088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	289019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	152751	56.972	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.940%			
35) Dibromofluoromethane	8.165	113	112211	51.333	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.660%			
50) Toluene-d8	10.565	98	386982	49.827	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.660%			
62) 4-Bromofluorobenzene	12.847	95	142848	53.768	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.540%			
Target Compounds						Qvalue
52) Toluene	10.629	92	15735	2.946	ug/l	91
67) Ethyl Benzene	11.959	91	5308	0.515	ug/l	90
68) m/p-Xylenes	12.065	106	7585	1.990	ug/l	95
69) o-Xylene	12.394	106	4039	1.109	ug/l	90
78) n-propylbenzene	13.035	91	7507	0.690	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	10666	1.404	ug/l	87
84) 1,2,4-Trimethylbenzene	13.482	105	43307	5.720	ug/l	98
85) sec-Butylbenzene	13.617	105	2511	0.284	ug/l	93
89) n-Butylbenzene	14.053	91	4199	0.662	ug/l #	80

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

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LAW-25-0015

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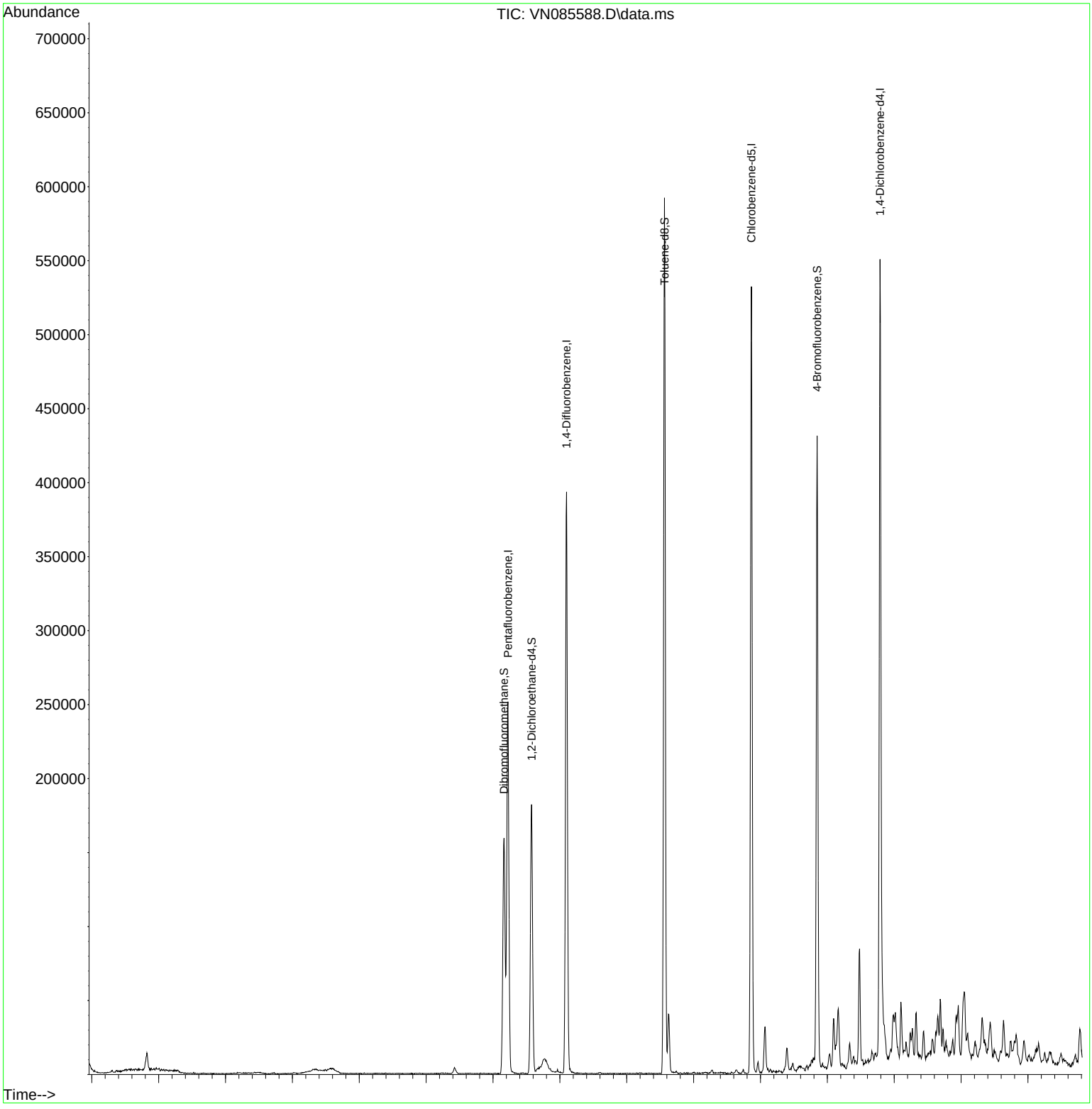
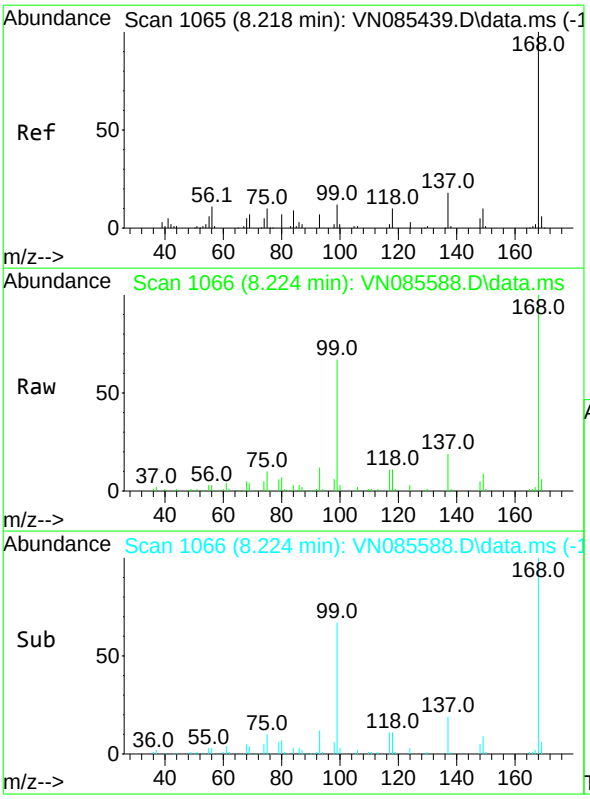


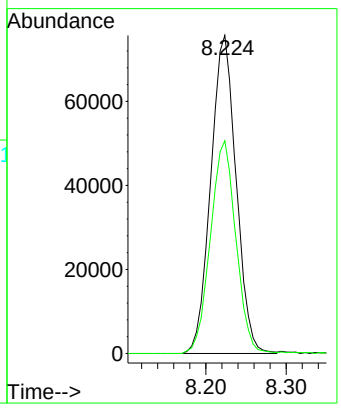


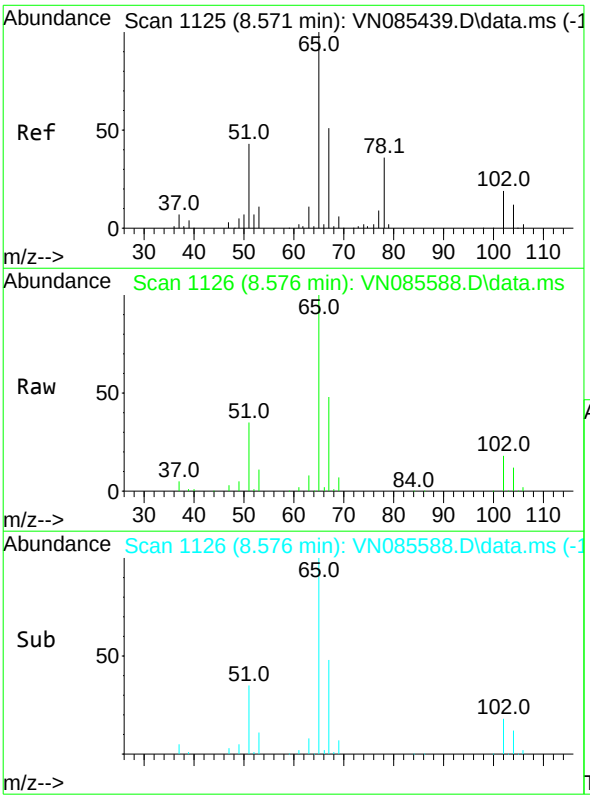
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085588.D
Acq: 30 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0015

Tgt Ion:168 Resp: 166098

Ion	Ratio	Lower	Upper
168	100		
99	66.9	53.6	80.4

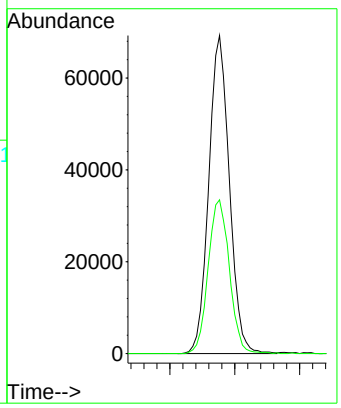


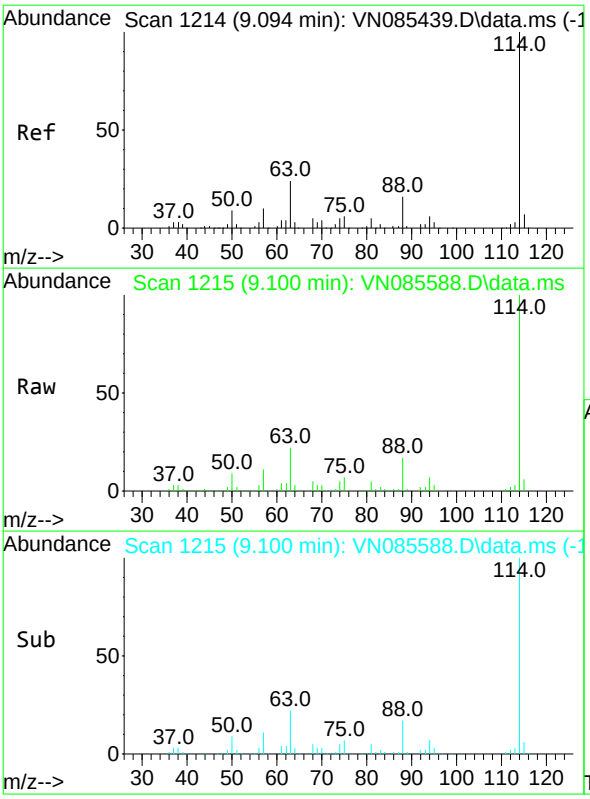


#33
1,2-Dichloroethane-d4
Concen: 56.972 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085588.D
Acq: 30 Jan 2025 18:42

Tgt Ion: 65 Resp: 152751

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	101.6



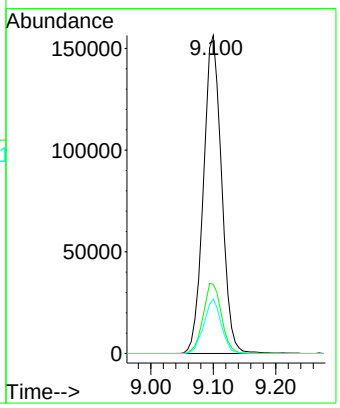


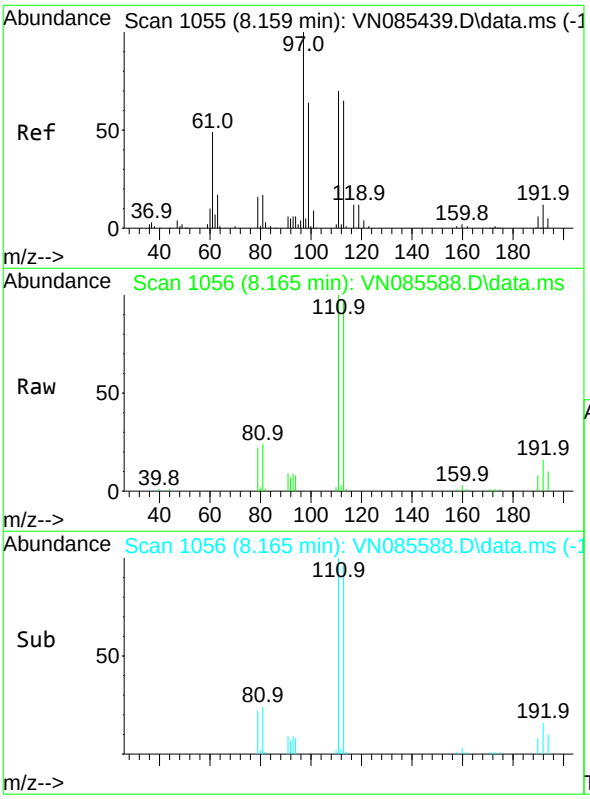
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 12
Delta R.T. 0.006 min
Lab File: VN085588.D
Acq: 30 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0015

Tgt Ion:114 Resp: 315088

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	47.6
88	17.1	0.0	32.6

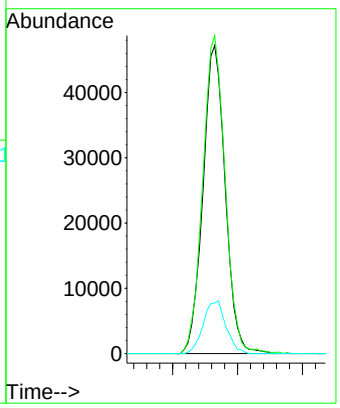


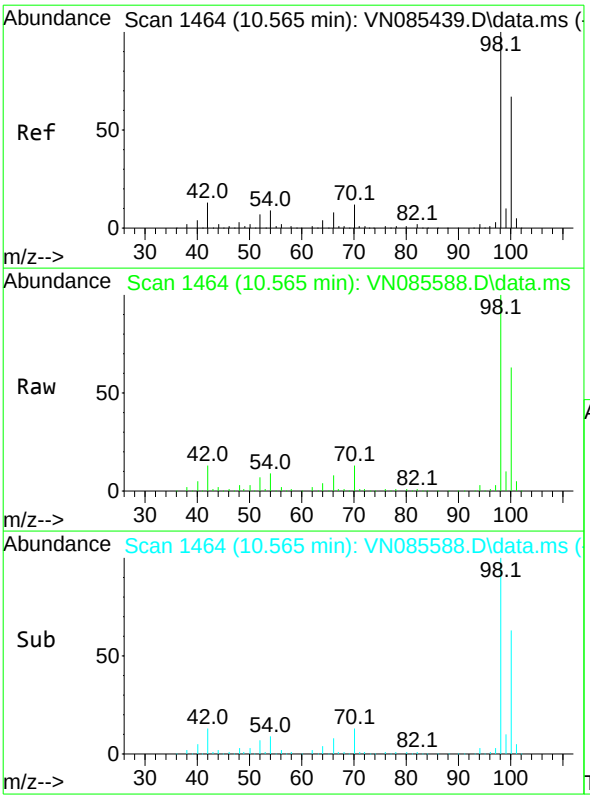


#35
Dibromofluoromethane
Concen: 51.333 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085588.D
Acq: 30 Jan 2025 18:42

Tgt Ion:113 Resp: 112211

Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.7	124.1
192	17.4	14.3	21.5



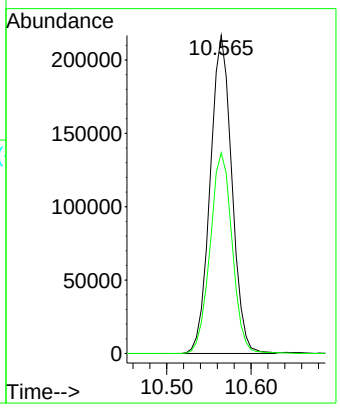


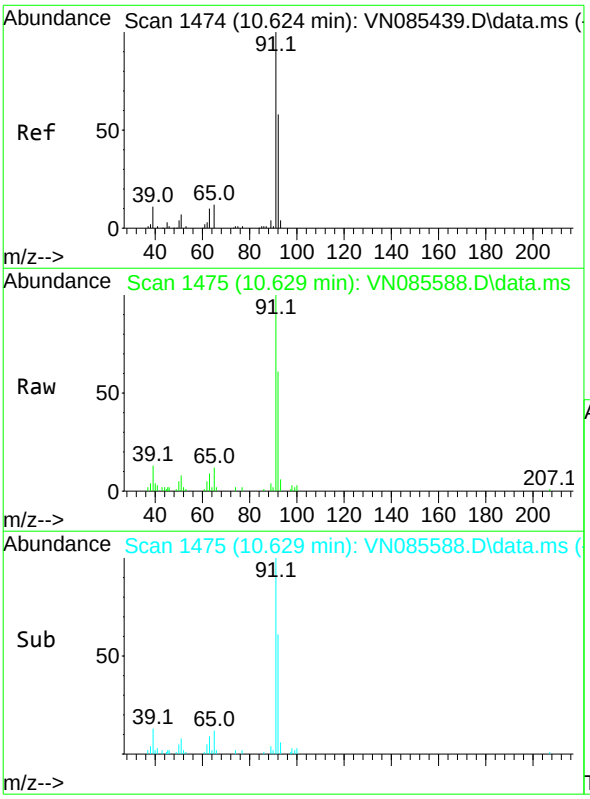
#50
Toluene-d8
Concen: 49.827 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN085588.D
Acq: 30 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0015

Tgt Ion: 98 Resp: 386982

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.2	78.4

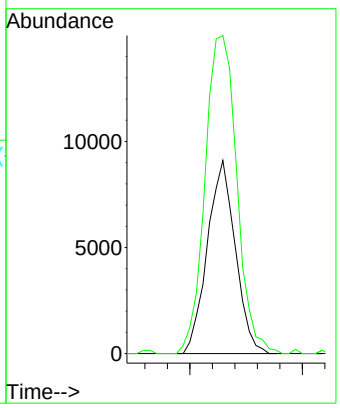


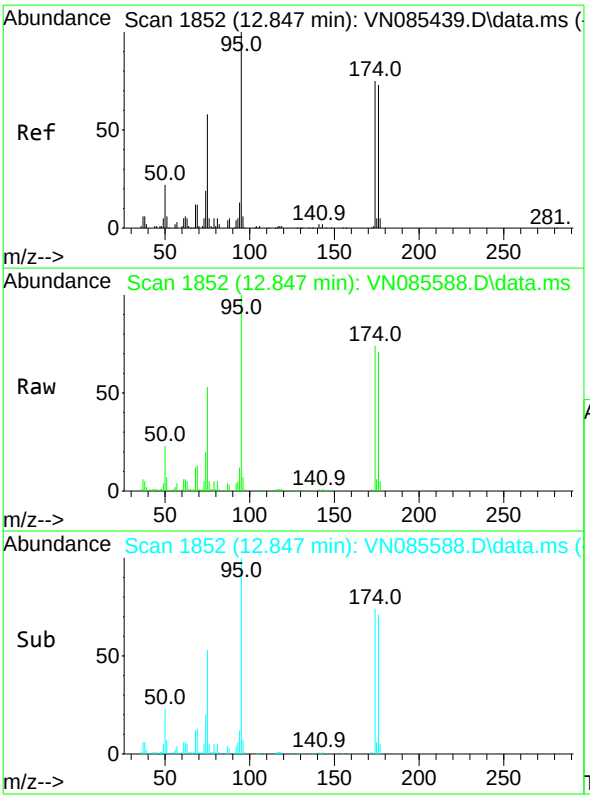


#52
Toluene
Concen: 2.946 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.005 min
Lab File: VN085588.D
Acq: 30 Jan 2025 18:42

Tgt Ion: 92 Resp: 15735

Ion	Ratio	Lower	Upper
92	100		
91	187.2	139.2	208.8



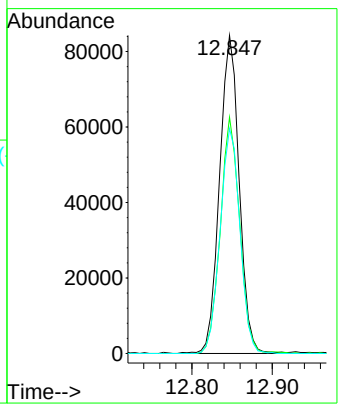


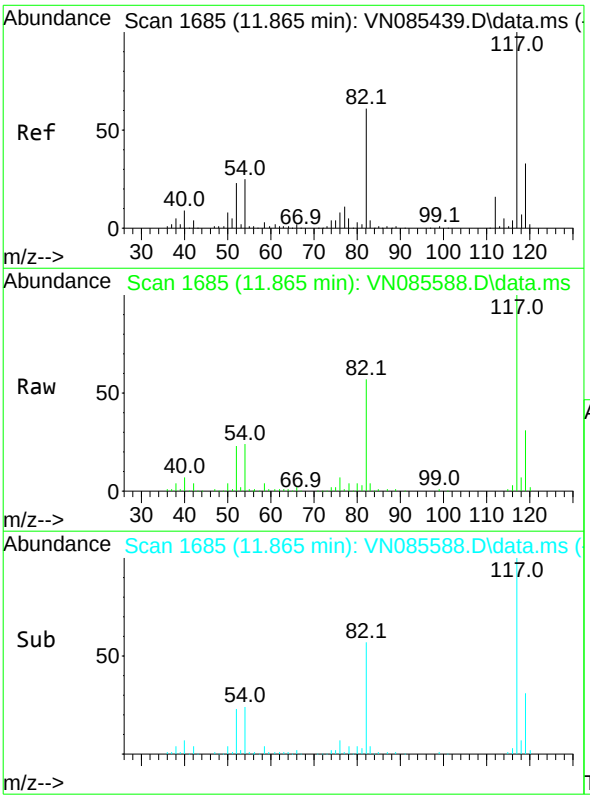
#62
4-Bromofluorobenzene
Concen: 53.768 ug/l
RT: 12.847 min Scan# 18
Delta R.T. -0.000 min
Lab File: VN085588.D
Acq: 30 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0015

Tgt Ion: 95 Resp: 142848

Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	145.0
176	71.4	0.0	142.4

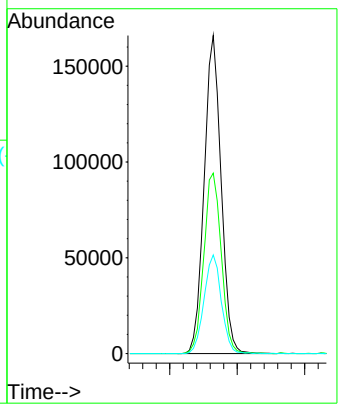


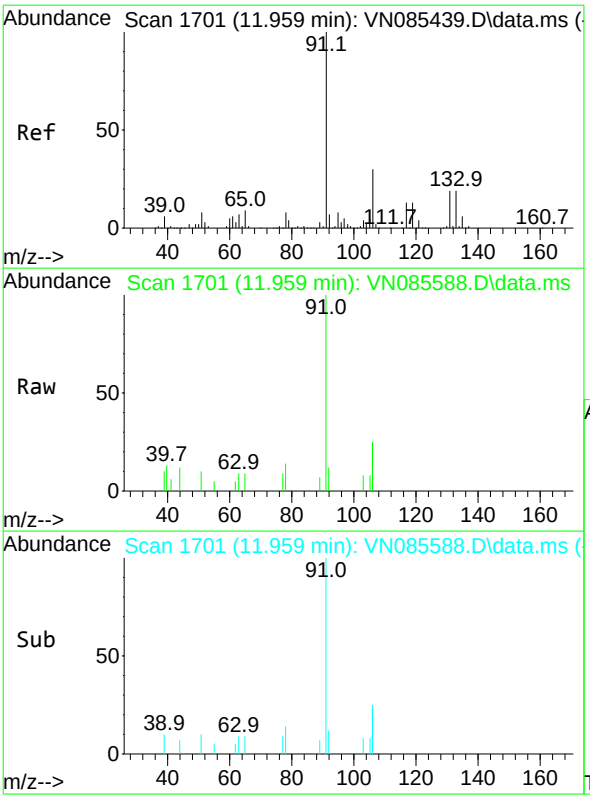


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085588.D
Acq: 30 Jan 2025 18:42

Tgt Ion:117 Resp: 289019

Ion	Ratio	Lower	Upper
117	100		
82	56.7	48.6	72.8
119	31.0	26.6	39.8



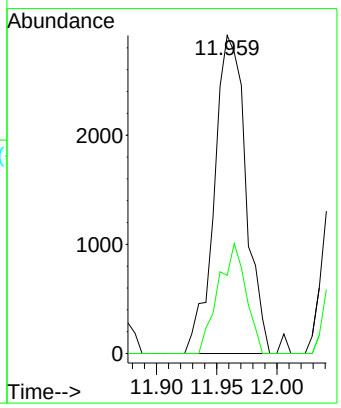


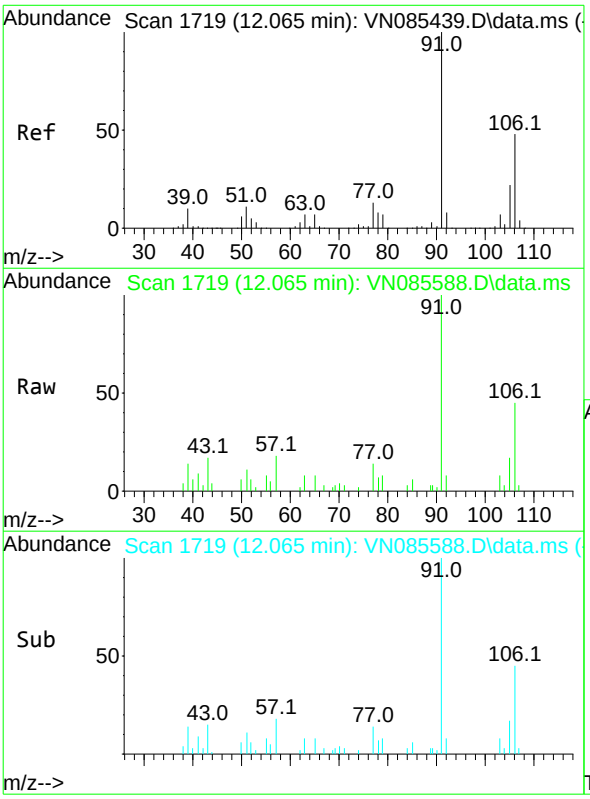
#67
Ethyl Benzene
Concen: 0.515 ug/l
RT: 11.959 min Scan# 17
Delta R.T. -0.000 min
Lab File: VN085588.D
Acq: 30 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0015

Tgt Ion: 91 Resp: 5308

Ion	Ratio	Lower	Upper
91	100		
106	24.6	23.8	35.8

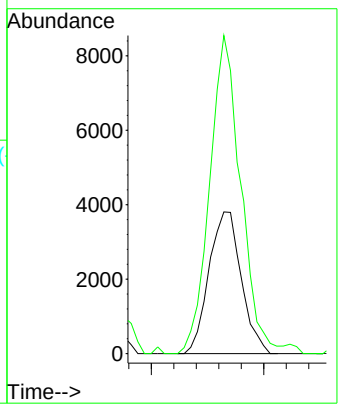


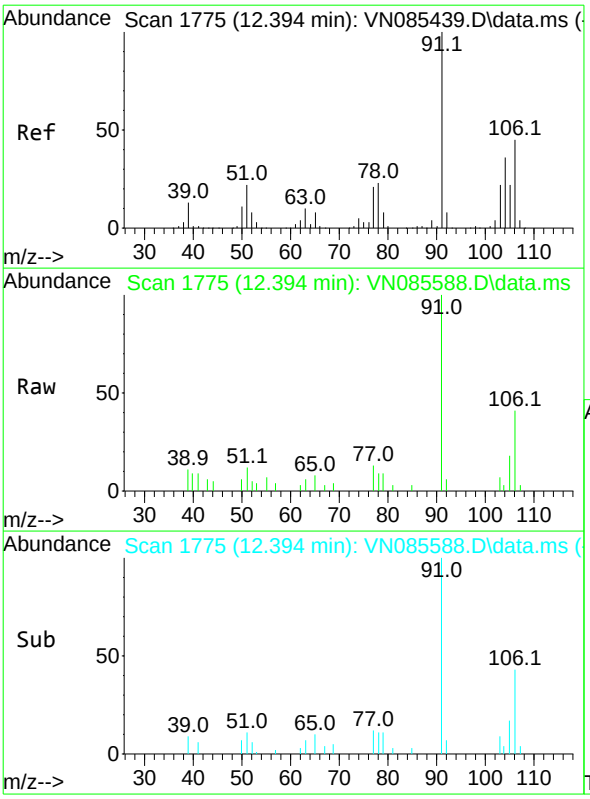


#68
m/p-Xylenes
Concen: 1.990 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085588.D
Acq: 30 Jan 2025 18:42

Tgt Ion:106 Resp: 7585

Ion	Ratio	Lower	Upper
106	100		
91	218.1	167.7	251.5



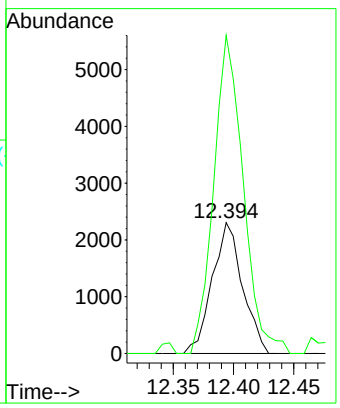


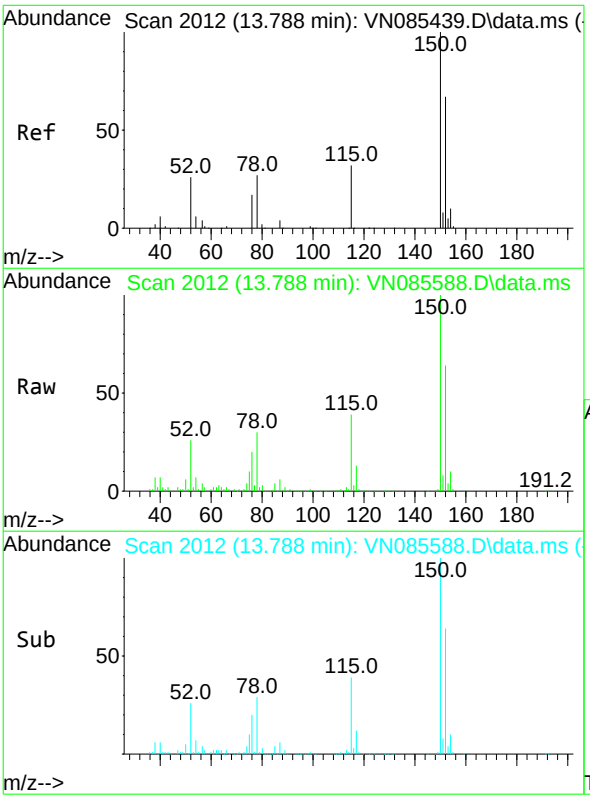
#69
o-Xylene
Concen: 1.109 ug/l
RT: 12.394 min Scan# 17
Delta R.T. -0.000 min
Lab File: VN085588.D
Acq: 30 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0015

Tgt Ion:106 Resp: 4039

Ion	Ratio	Lower	Upper
106	100		
91	236.7	110.4	331.2

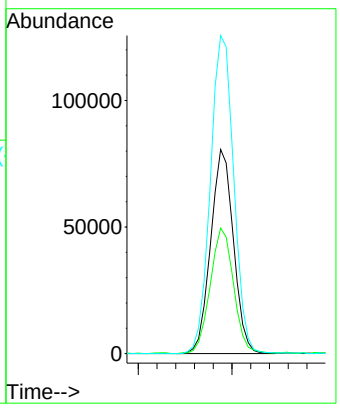


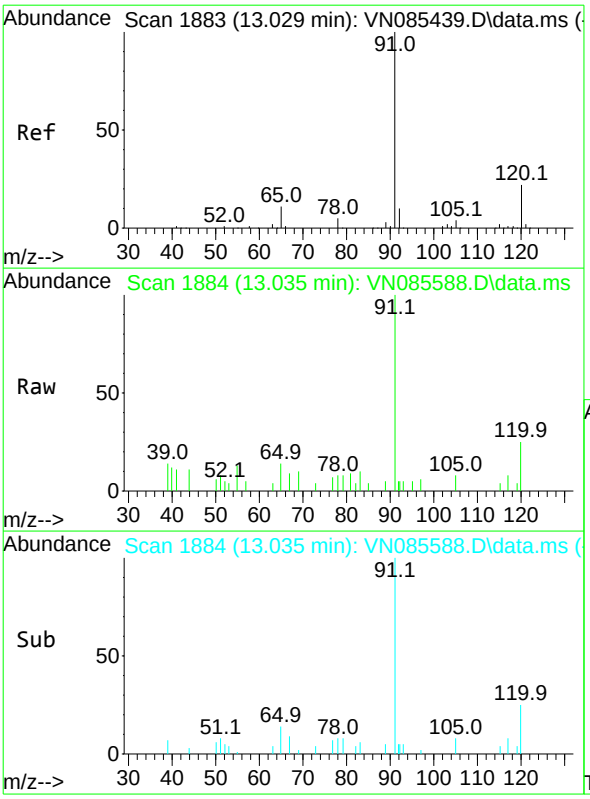


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085588.D
Acq: 30 Jan 2025 18:42

Tgt Ion:152 Resp: 136254

Ion	Ratio	Lower	Upper
152	100		
115	63.1	31.1	93.3
150	159.7	0.0	343.6



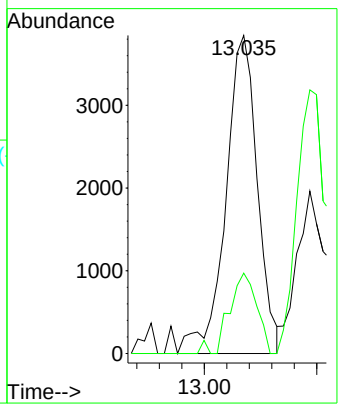


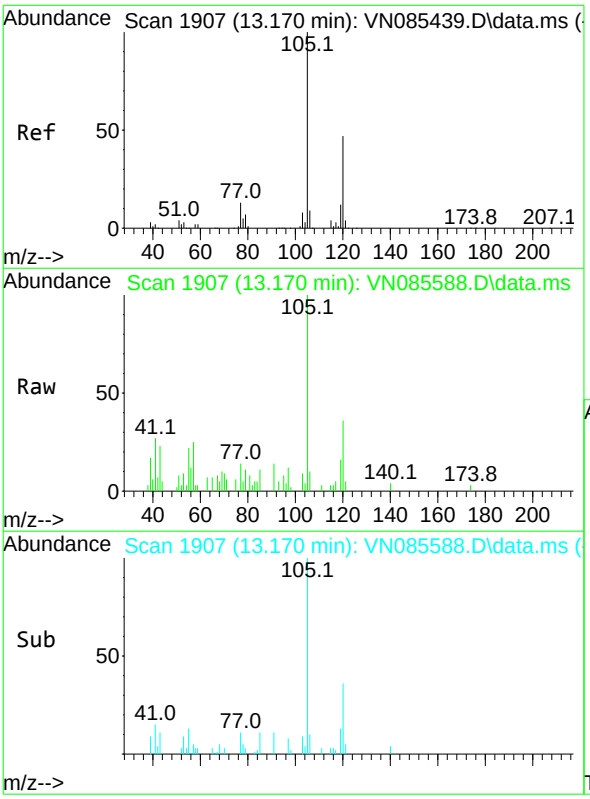
#78
n-propylbenzene
Concen: 0.690 ug/l
RT: 13.035 min Scan# 18
Delta R.T. 0.006 min
Lab File: VN085588.D
Acq: 30 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0015

Tgt Ion: 91 Resp: 7507

Ion	Ratio	Lower	Upper
91	100		
120	21.9	10.9	32.6

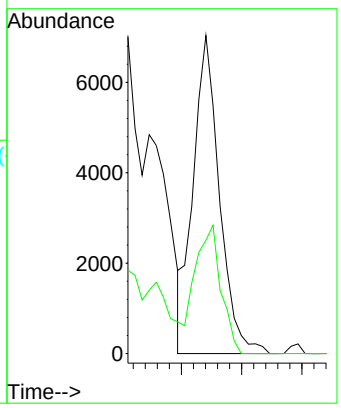


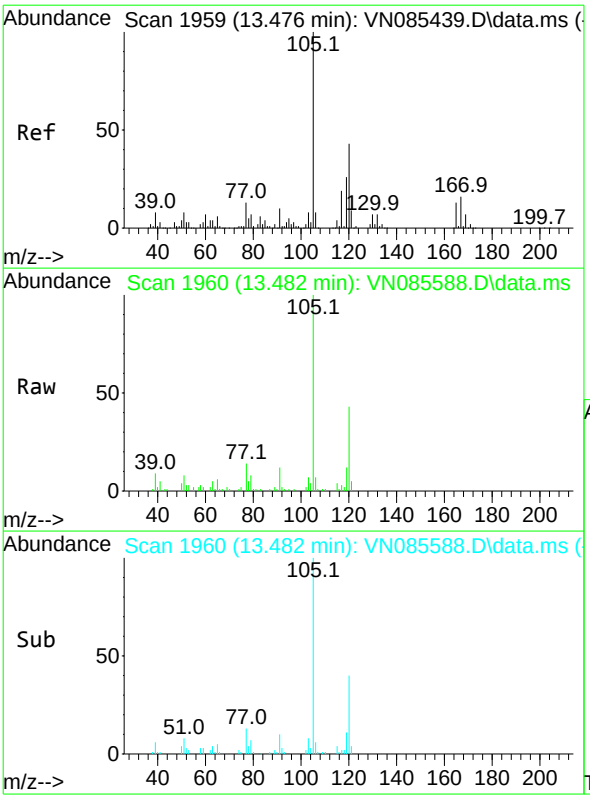


#80
1,3,5-Trimethylbenzene
Concen: 1.404 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085588.D
Acq: 30 Jan 2025 18:42

Tgt Ion:105 Resp: 10666

Ion	Ratio	Lower	Upper
105	100		
120	39.0	23.9	71.7



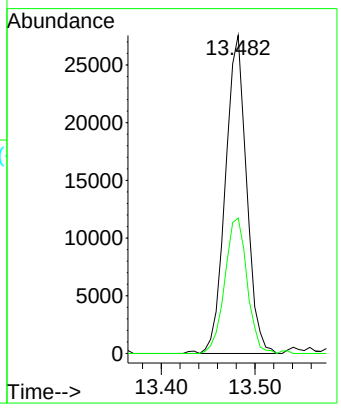


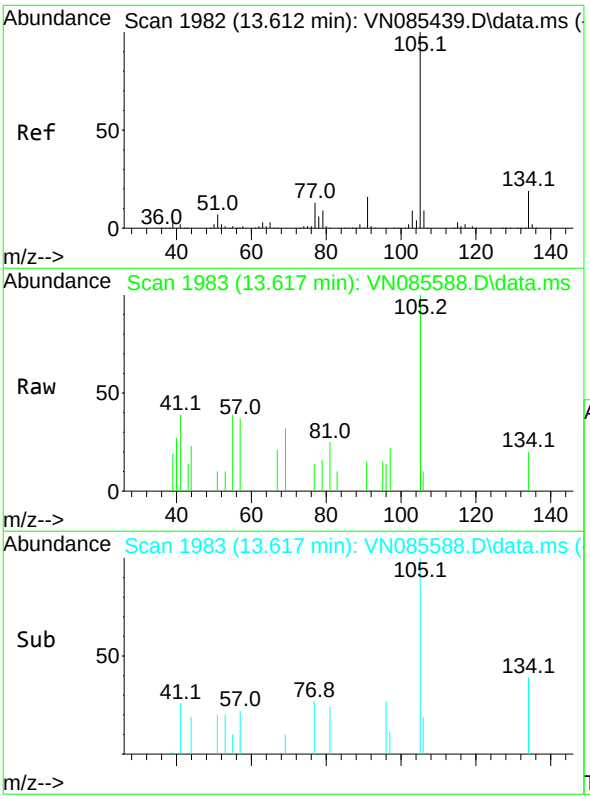
#84
1,2,4-Trimethylbenzene
Concen: 5.720 ug/l
RT: 13.482 min Scan# 19
Delta R.T. 0.006 min
Lab File: VN085588.D
Acq: 30 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0015

Tgt Ion:105 Resp: 43307

Ion	Ratio	Lower	Upper
105	100		
120	44.8	21.6	65.0

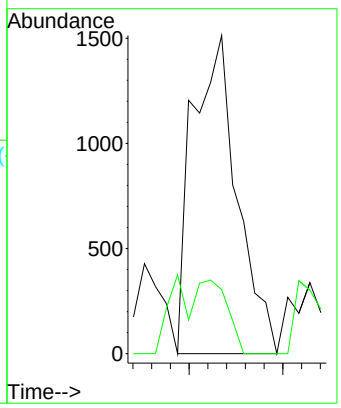


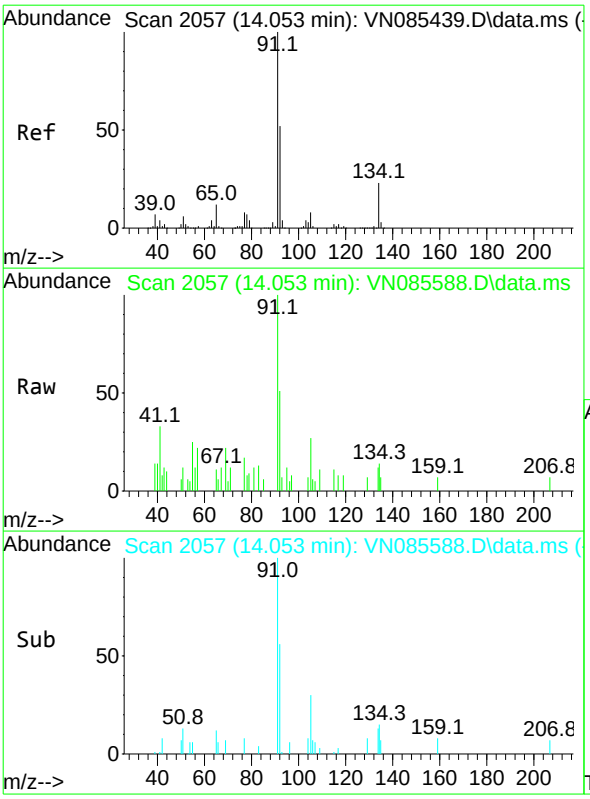


#85
sec-Butylbenzene
Concen: 0.284 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. 0.005 min
Lab File: VN085588.D
Acq: 30 Jan 2025 18:42

Tgt Ion:105 Resp: 2511

Ion	Ratio	Lower	Upper
105	100		
134	16.1	9.7	28.9





#89
n-Butylbenzene
Concen: 0.662 ug/l
RT: 14.053 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN085588.D
Acq: 30 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0015

Tgt Ion: 91 Resp: 4199

Ion	Ratio	Lower	Upper
91	100		
92	56.9	25.8	77.3
134	0.0	11.7	35.1#