Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112123\
Data File : VN080231.D
Acq On : 21 Nov 2023 14:53
Operator : JC\MD
Sample : 05484-02 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
AUD-1293

Quant Time: Nov 22 00:07:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	144441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	261607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	141636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	134182	56.262	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.520%			
35) Dibromofluoromethane	8.165	113	102110	52.898	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.800%			
50) Toluene-d8	10.565	98	346528	49.800	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.600%			
62) 4-Bromofluorobenzene	12.853	95	147313	56.049	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.100%			
Target Compounds						Qvalue
16) Acetone	4.448	43	3336	4.165	ug/l #	83
40) Benzene	8.606	78	6332	0.797	ug/l	98
52) Toluene	10.630	92	4800	0.966	ug/l	94
67) Ethyl Benzene	11.965	91	2570	0.223	ug/l	99
68) m/p-Xylenes	12.071	106	4908	1.166	ug/l	99
69) o-Xylene	12.406	106	2558	0.645	ug/l	98
70) Styrene	12.412	104	1535	0.260	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	2964	0.309	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	4733	0.502	ug/l	87
95) Naphthalene	15.641	128	29654	3.675	ug/l	97

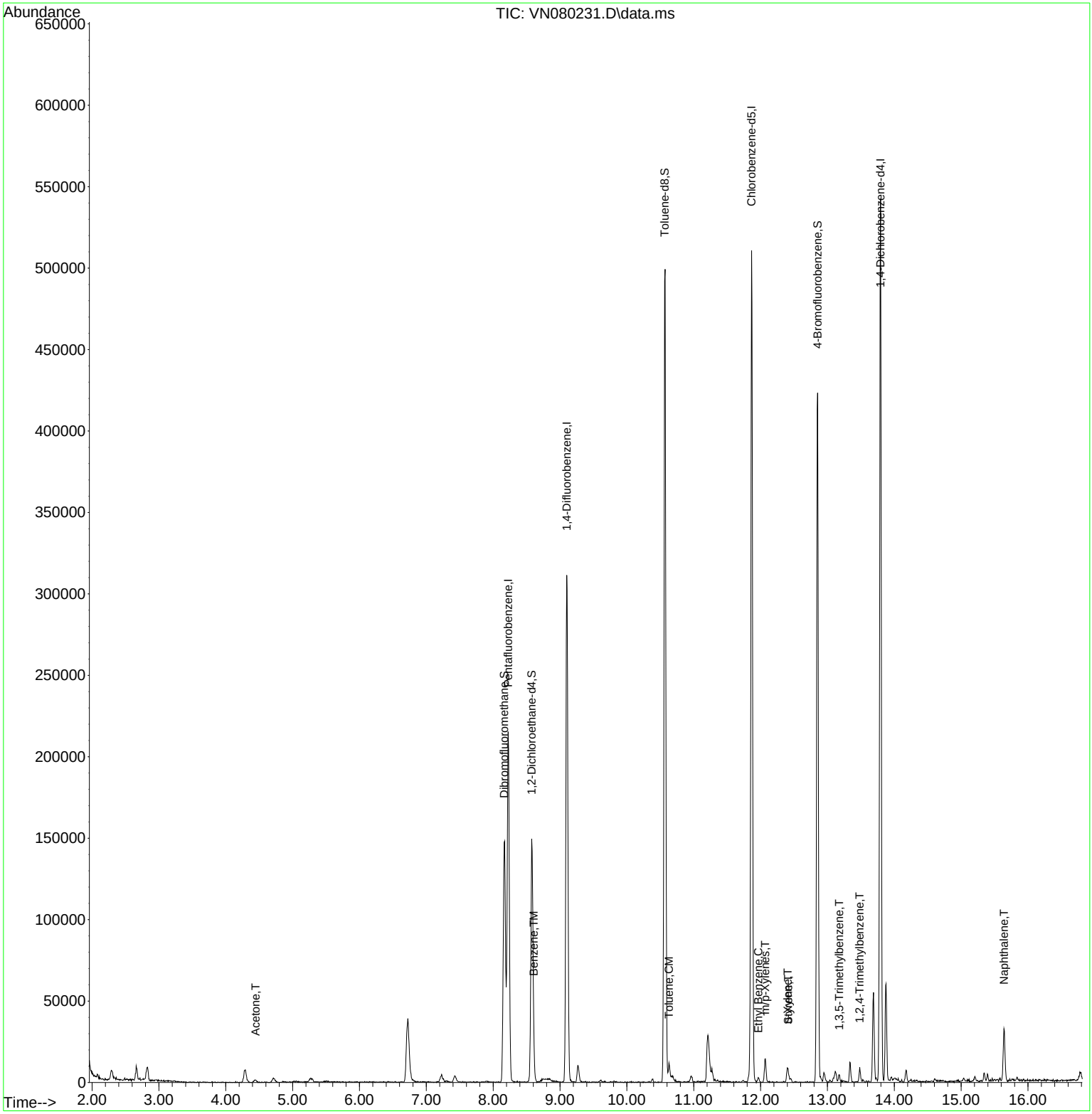
(#) = qualifier out of range (m) = manual integration (+) = signals summed

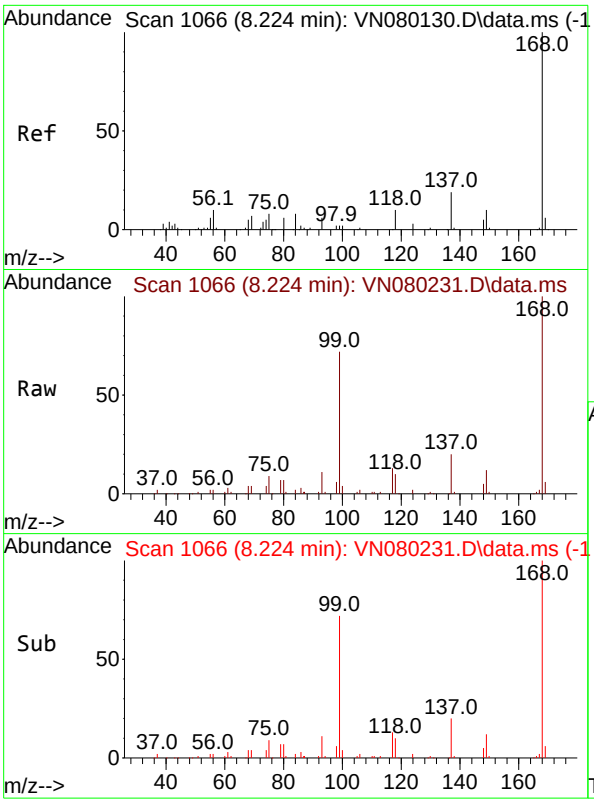
Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112123\
Data File : VN080231.D
Acq On : 21 Nov 2023 14:53
Operator : JC\MD
Sample : 05484-02 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
AUD-1293

Quant Time: Nov 22 00:07:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration



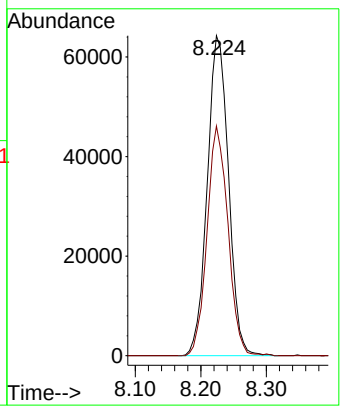


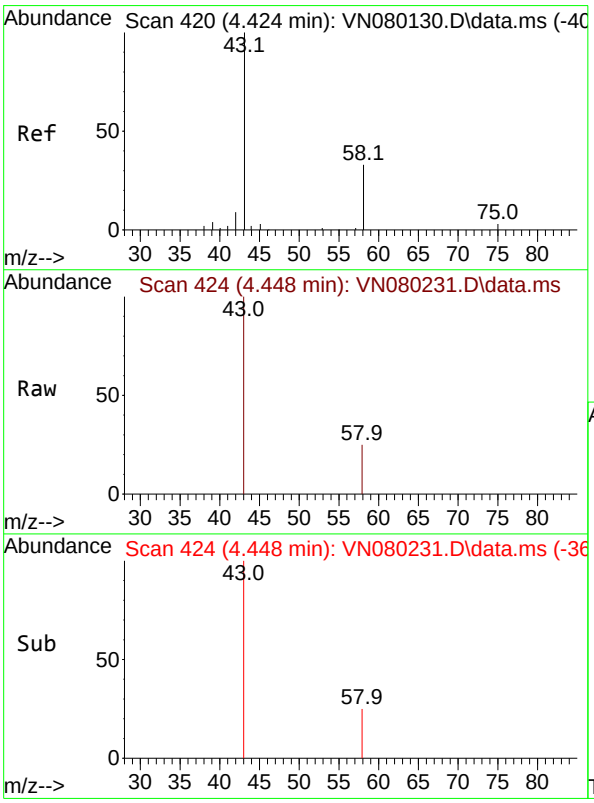
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080231.D
Acq: 21 Nov 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :
AUD-1293

Tgt Ion:168 Resp: 144441

Ion	Ratio	Lower	Upper
168	100		
99	71.8	53.0	79.6

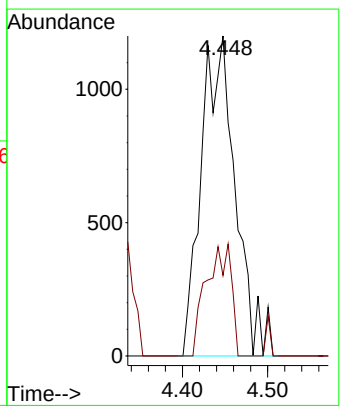


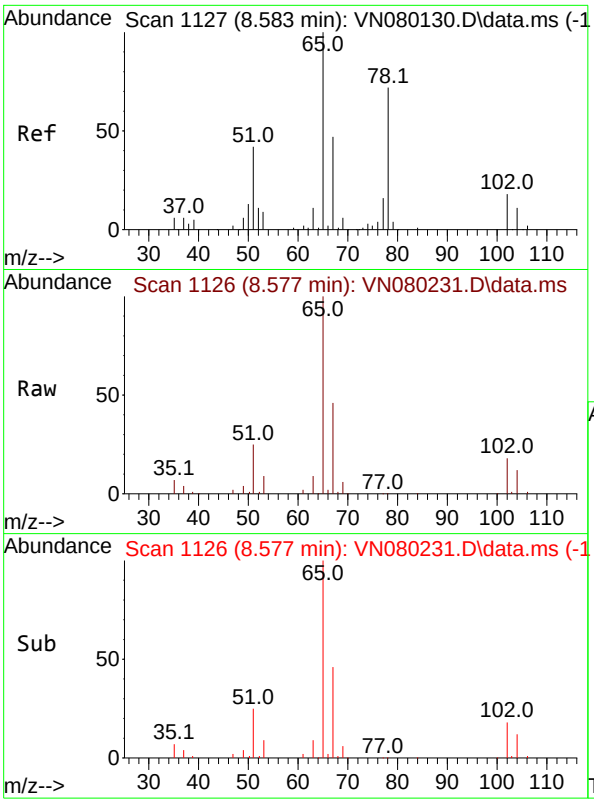


#16
Acetone
Concen: 4.165 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.024 min
Lab File: VN080231.D
Acq: 21 Nov 2023 14:53

Tgt Ion: 43 Resp: 3336

Ion	Ratio	Lower	Upper
43	100		
58	25.2	28.0	42.0#



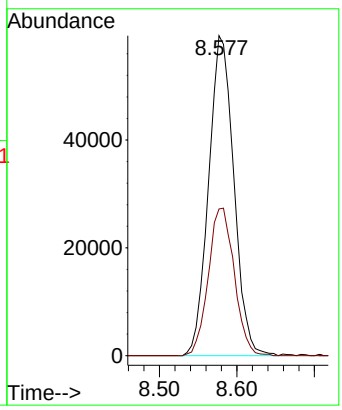


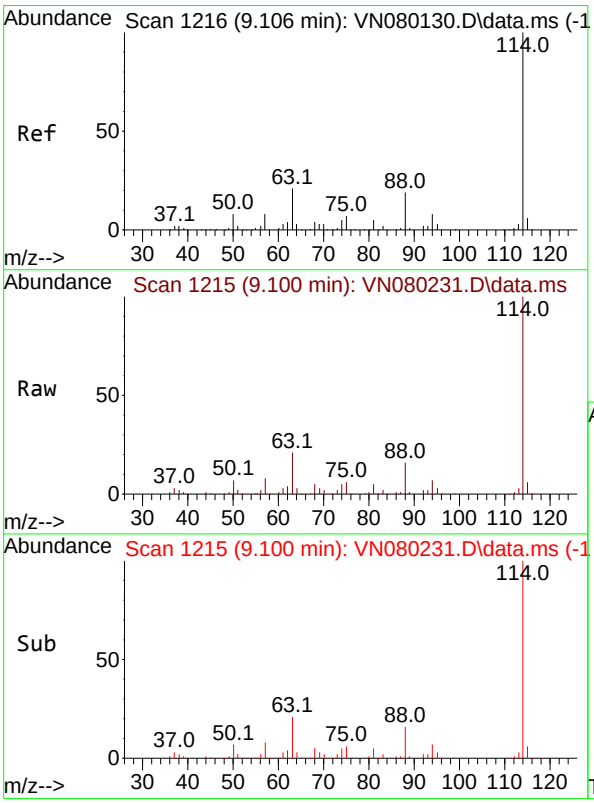
#33
1,2-Dichloroethane-d4
Concen: 56.262 ug/l
RT: 8.577 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN080231.D
Acq: 21 Nov 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :
AUD-1293

Tgt Ion: 65 Resp: 134182

Ion	Ratio	Lower	Upper
65	100		
67	47.5	0.0	106.6

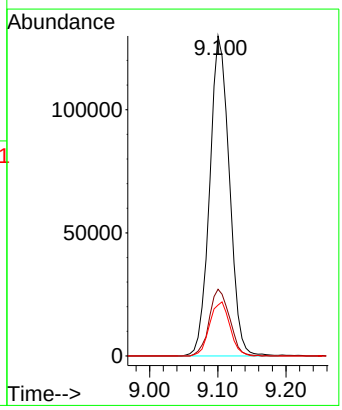


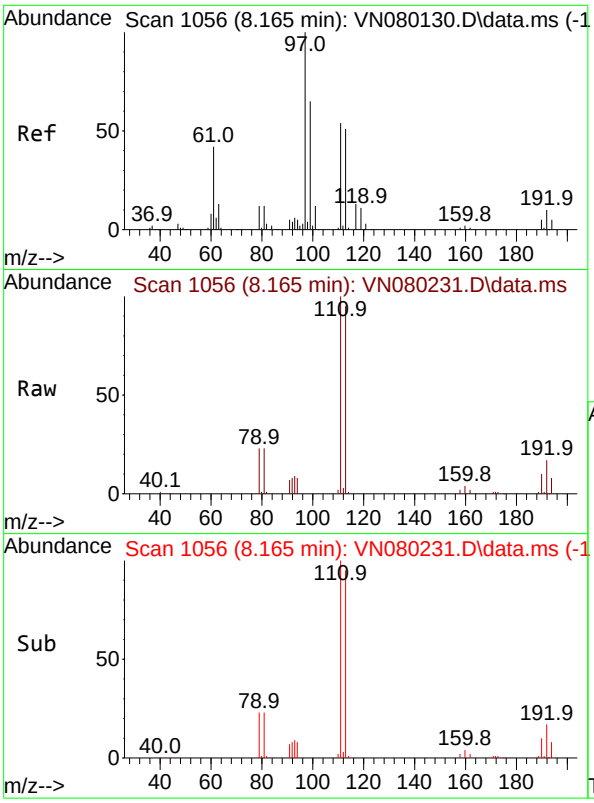


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN080231.D
Acq: 21 Nov 2023 14:53

Tgt Ion:114 Resp: 261607

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	36.4
88	15.9	0.0	30.6



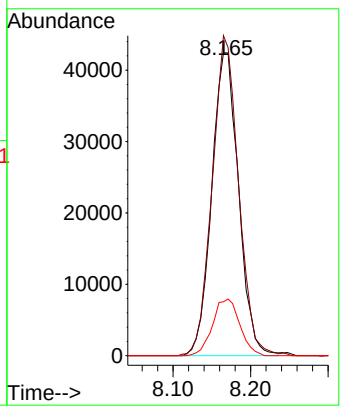


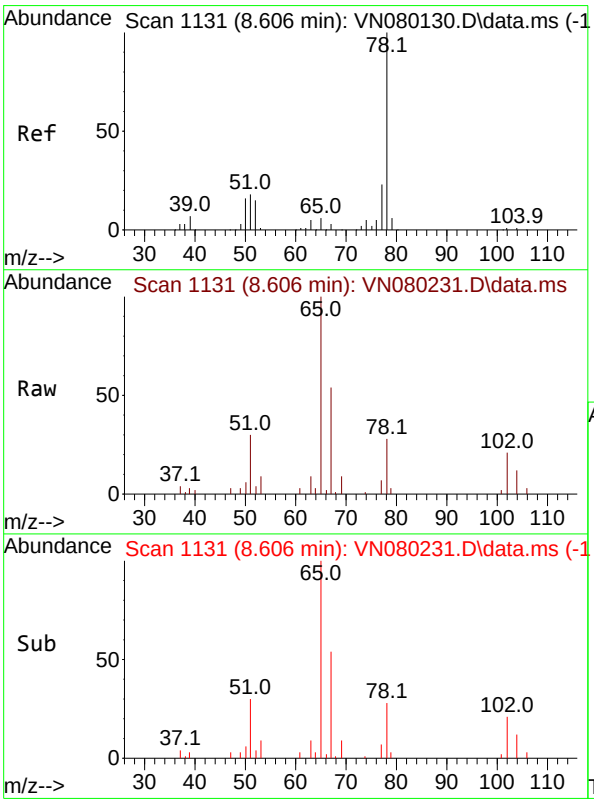
#35
Dibromofluoromethane
Concen: 52.898 ug/l
RT: 8.165 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080231.D
Acq: 21 Nov 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :
AUD-1293

Tgt Ion:113 Resp: 102110

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.6	123.8
192	19.0	12.7	19.1

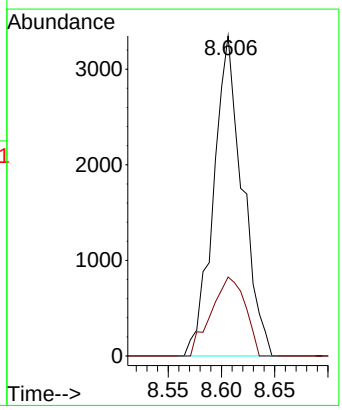


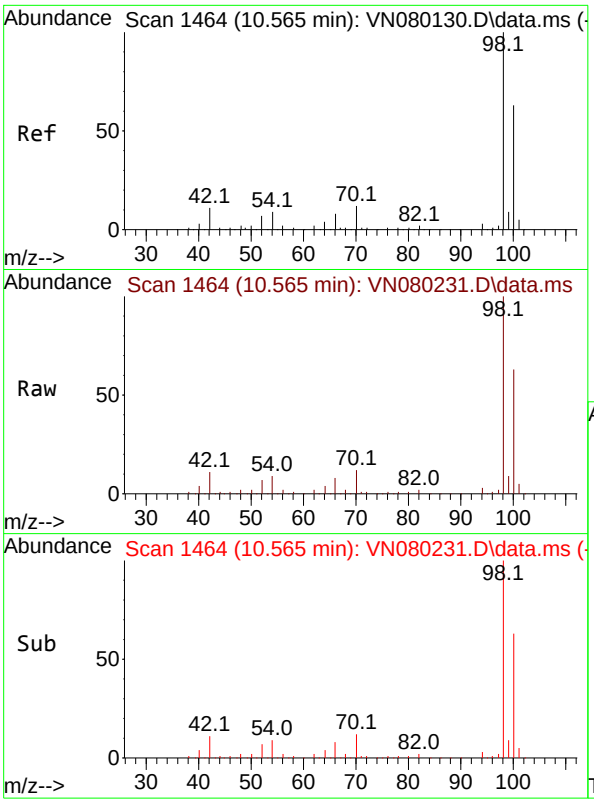


#40
Benzene
Concen: 0.797 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080231.D
Acq: 21 Nov 2023 14:53

Tgt Ion: 78 Resp: 6332

Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.0	28.6



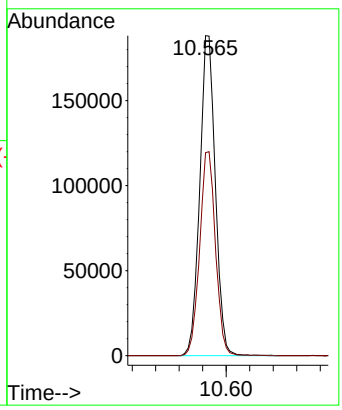


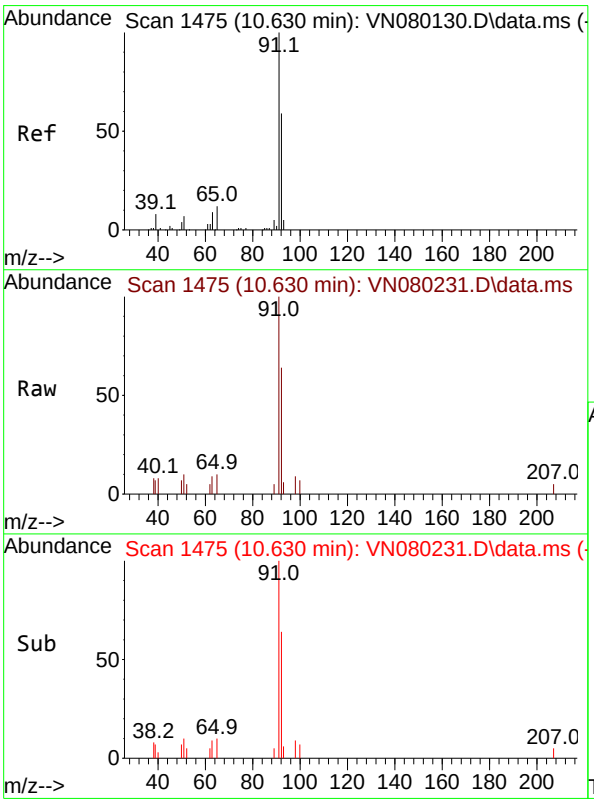
#50
Toluene-d8
Concen: 49.800 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN080231.D
Acq: 21 Nov 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :
AUD-1293

Tgt Ion: 98 Resp: 346528

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.0	78.0

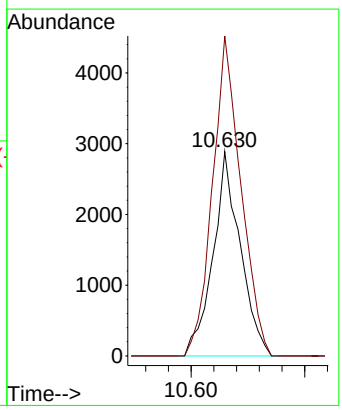


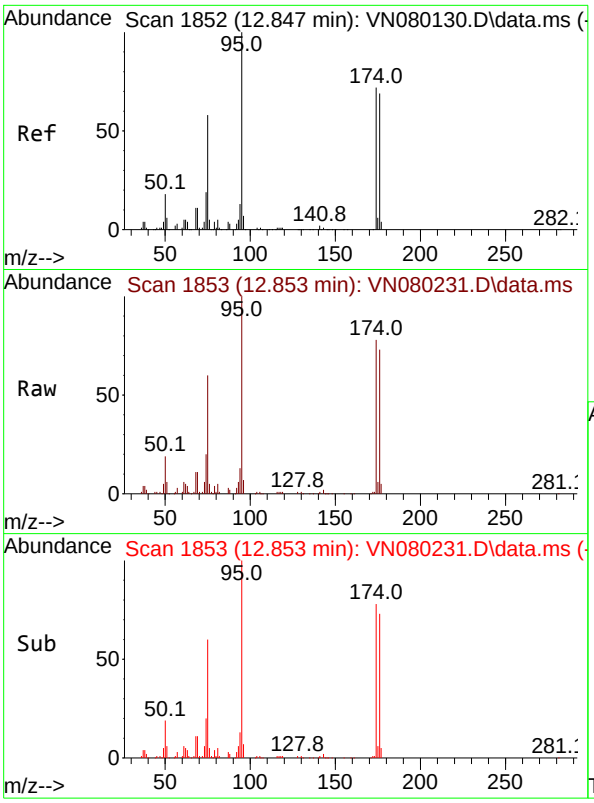


#52
Toluene
Concen: 0.966 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080231.D
Acq: 21 Nov 2023 14:53

Tgt Ion: 92 Resp: 4800

Ion	Ratio	Lower	Upper
92	100		
91	163.9	137.4	206.0



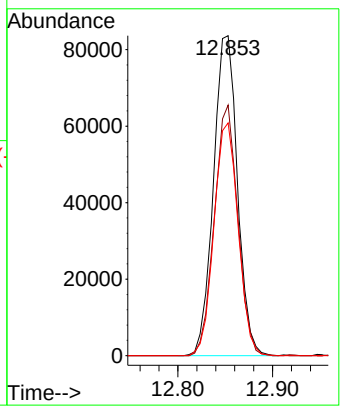


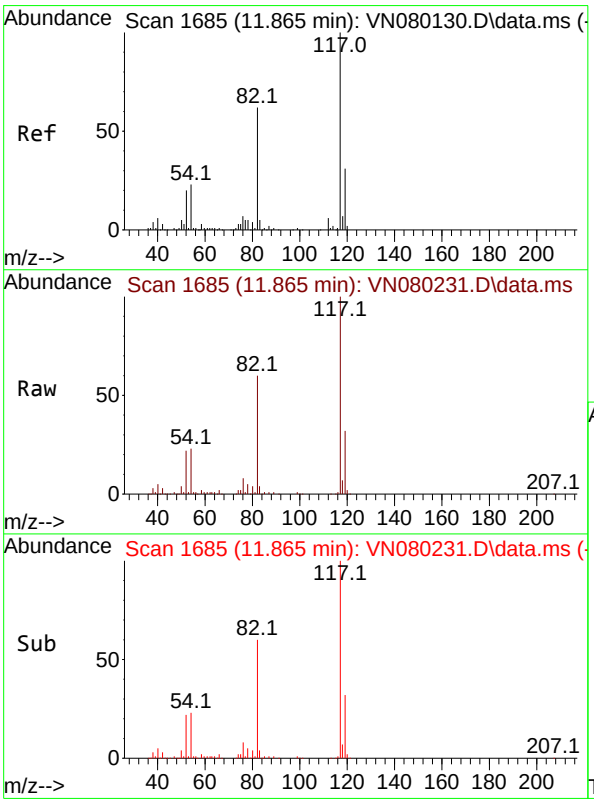
#62
4-Bromofluorobenzene
Concen: 56.049 ug/l
RT: 12.853 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080231.D
Acq: 21 Nov 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :
AUD-1293

Tgt Ion: 95 Resp: 147313

Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	143.8
176	73.1	0.0	135.8

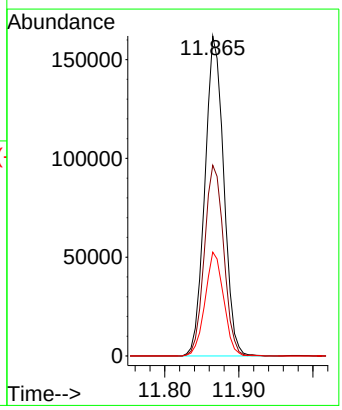


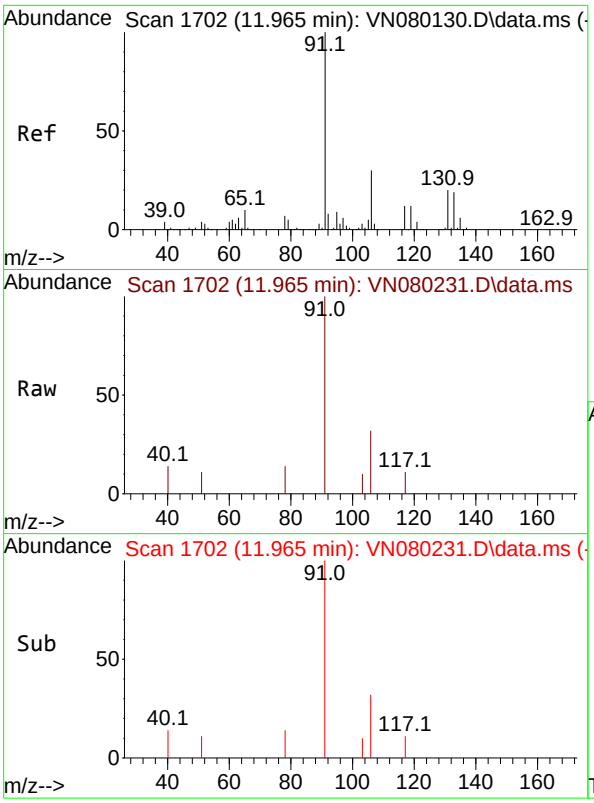


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080231.D
Acq: 21 Nov 2023 14:53

Tgt Ion:117 Resp: 286224

Ion	Ratio	Lower	Upper
117	100		
82	59.6	44.0	66.0
119	32.5	25.6	38.4



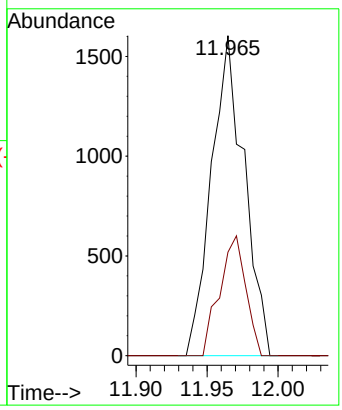


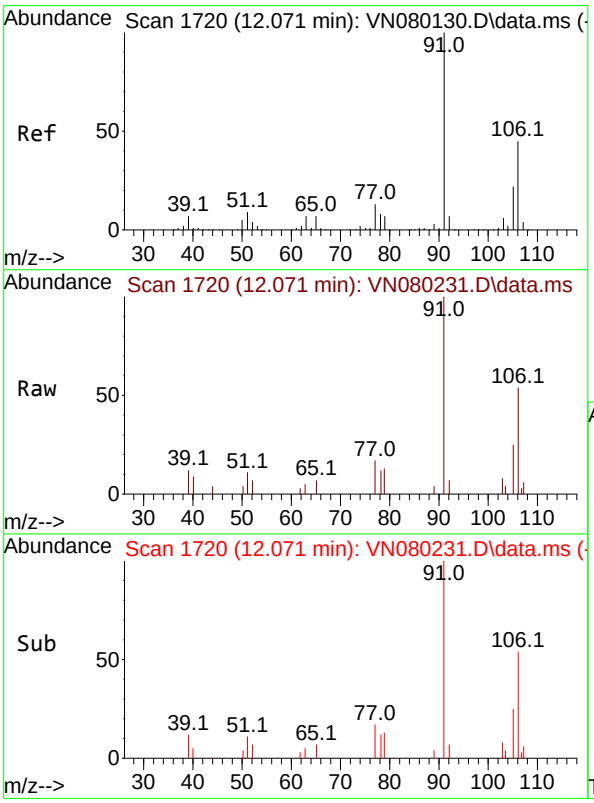
#67
Ethyl Benzene
Concen: 0.223 ug/l
RT: 11.965 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080231.D
Acq: 21 Nov 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :
AUD-1293

Tgt Ion: 91 Resp: 2570

Ion	Ratio	Lower	Upper
91	100		
106	32.4	25.6	38.4

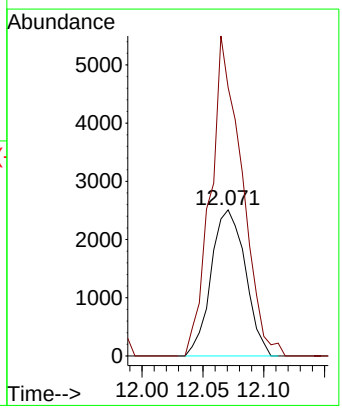


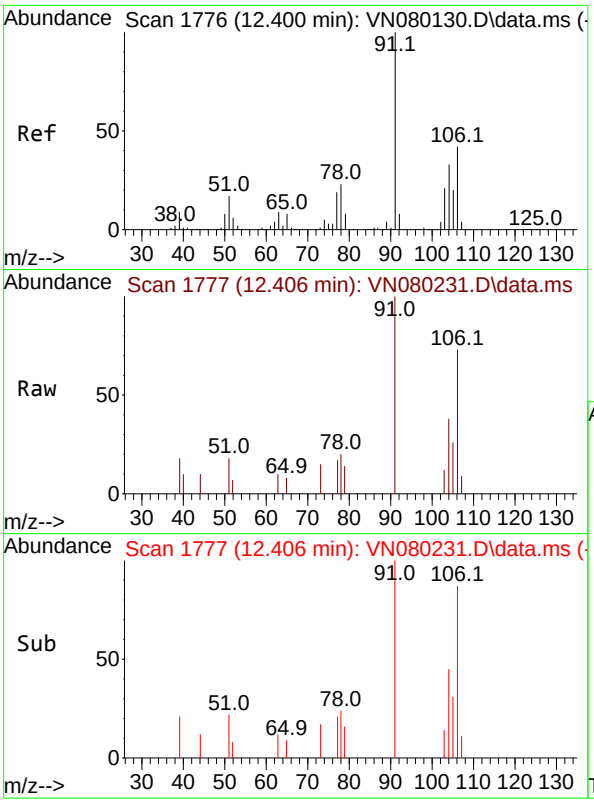


#68
m/p-Xylenes
Concen: 1.166 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080231.D
Acq: 21 Nov 2023 14:53

Tgt Ion:106 Resp: 4908

Ion	Ratio	Lower	Upper
106	100		
91	200.6	159.6	239.4



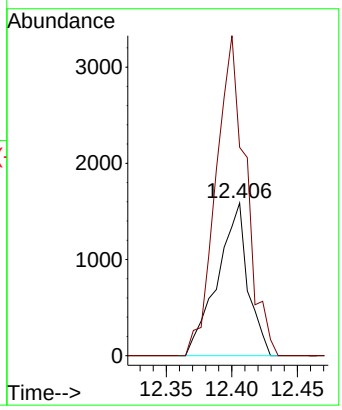


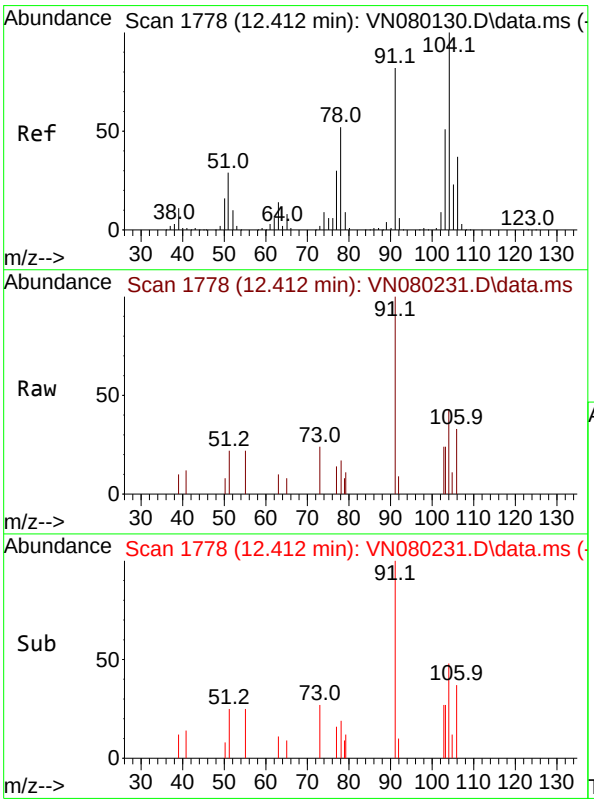
#69
o-Xylene
Concen: 0.645 ug/l
RT: 12.406 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080231.D
Acq: 21 Nov 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :
AUD-1293

Tgt Ion:106 Resp: 2558

Ion	Ratio	Lower	Upper
106	100		
91	207.4	105.2	315.5

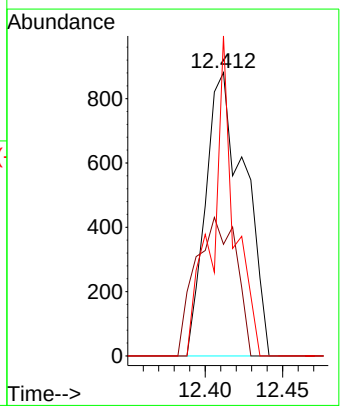


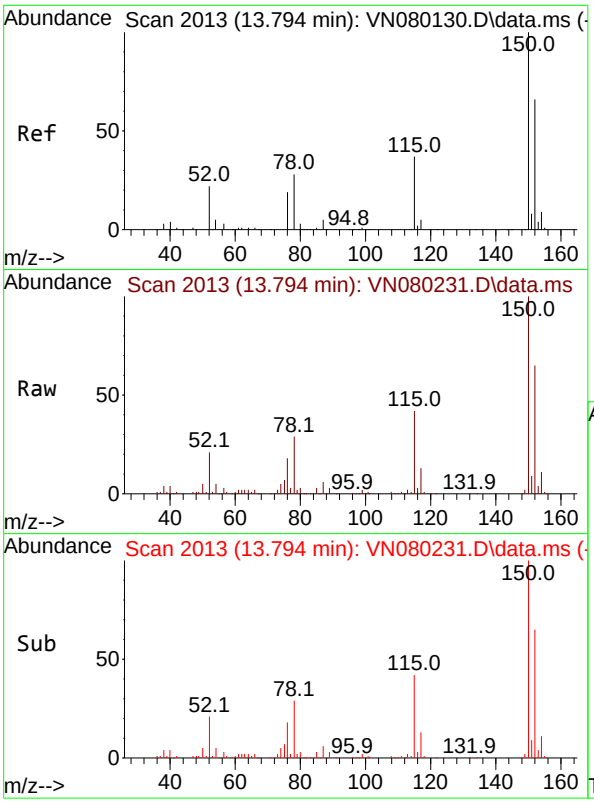


#70
Styrene
Concen: 0.260 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080231.D
Acq: 21 Nov 2023 14:53

Tgt Ion:104 Resp: 1535

Ion	Ratio	Lower	Upper
104	100		
78	51.2	39.5	59.3
103	64.2	43.2	64.8



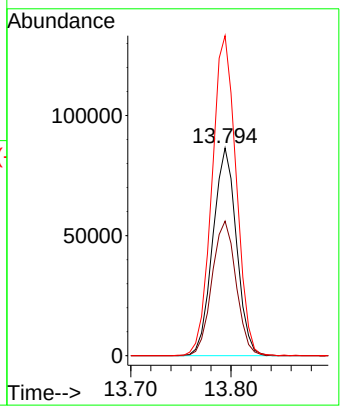


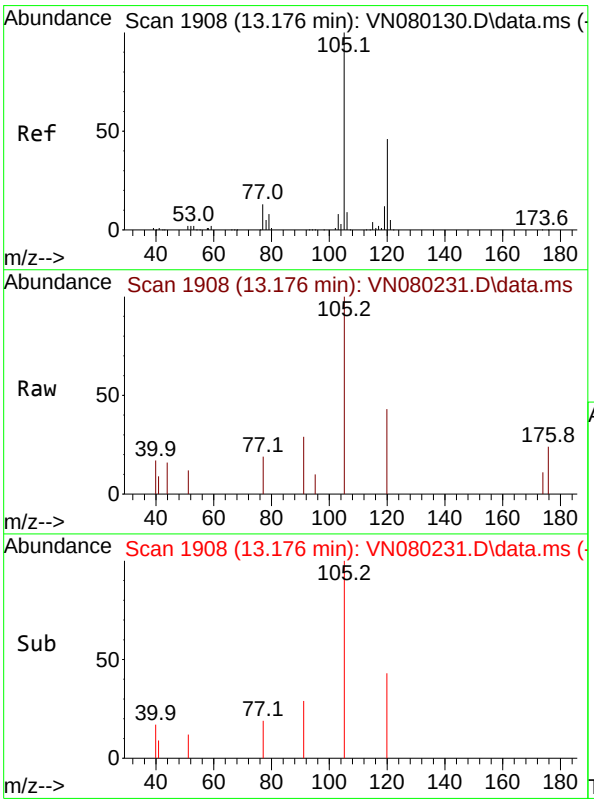
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN080231.D
Acq: 21 Nov 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :
AUD-1293

Tgt Ion:152 Resp: 141636

Ion	Ratio	Lower	Upper
152	100		
115	66.2	32.3	96.8
150	157.6	0.0	355.8

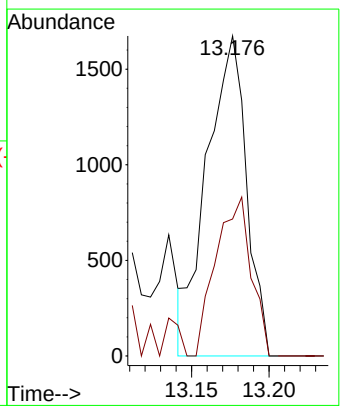


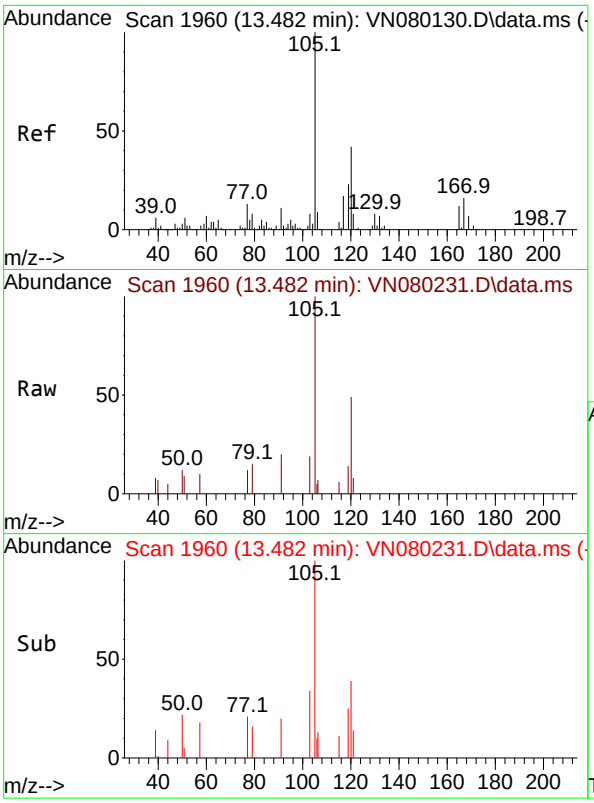


#80
1,3,5-Trimethylbenzene
Concen: 0.309 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080231.D
Acq: 21 Nov 2023 14:53

Tgt Ion:105 Resp: 2964

Ion	Ratio	Lower	Upper
105	100		
120	44.5	24.1	72.3



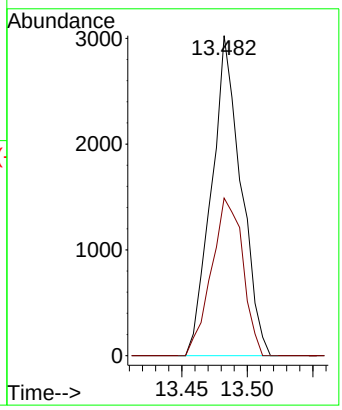


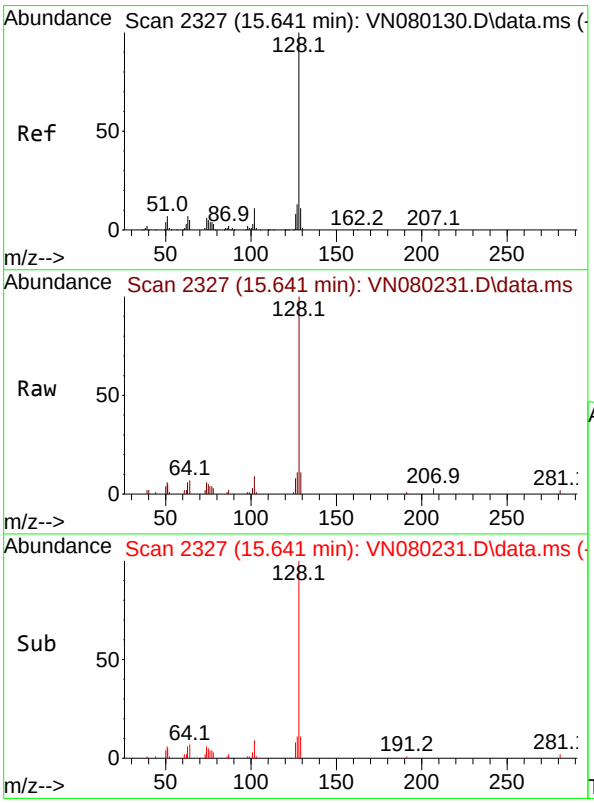
#84
1,2,4-Trimethylbenzene
Concen: 0.502 ug/l
RT: 13.482 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080231.D
Acq: 21 Nov 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :
AUD-1293

Tgt Ion:105 Resp: 4733

Ion	Ratio	Lower	Upper
105	100		
120	52.2	22.0	66.0





#95
Naphthalene
Concen: 3.675 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080231.D
Acq: 21 Nov 2023 14:53

Tgt Ion:128 Resp: 29654

Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.0	15.0
129	11.3	8.7	13.1