Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041624\
Data File : VD078823.D
Acq On : 16 Apr 2024 14:59
Operator : RP/MD
Sample : P2123-04
Misc : 4.52G/5ml/MSVOA_D/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RPI-SS-DUP-01

Quant Time: Apr 16 22:33:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

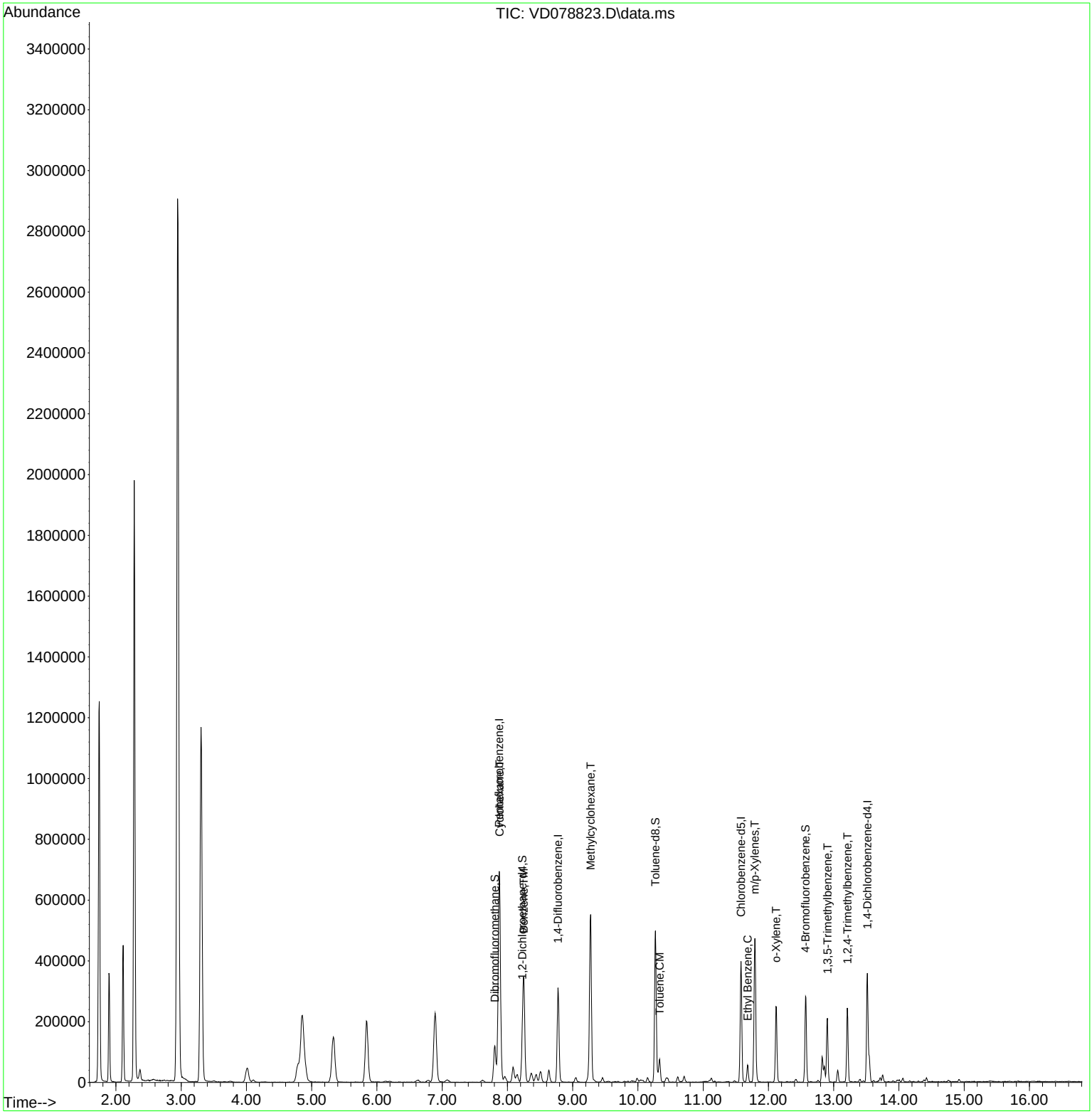
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	154292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	280825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	233173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	98104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	73940	51.135	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.280%			
35) Dibromofluoromethane	7.810	113	88107	48.729	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.460%			
50) Toluene-d8	10.269	98	335423	50.443	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.880%			
62) 4-Bromofluorobenzene	12.569	95	83983	43.171	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 86.340%			
Target Compounds						Qvalue
31) Cyclohexane	7.881	56	274508	112.948	ug/l	96
39) Methylcyclohexane	9.275	83	252478	82.963	ug/l	98
40) Benzene	8.252	78	338454	42.679	ug/l	99
52) Toluene	10.334	92	31542	6.178	ug/l	95
67) Ethyl Benzene	11.681	91	38982	4.695	ug/l	93
68) m/p-Xylenes	11.793	106	157175	46.616	ug/l	98
69) o-Xylene	12.116	106	73055	23.418	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	115908	21.700	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	134126	24.917	ug/l	98

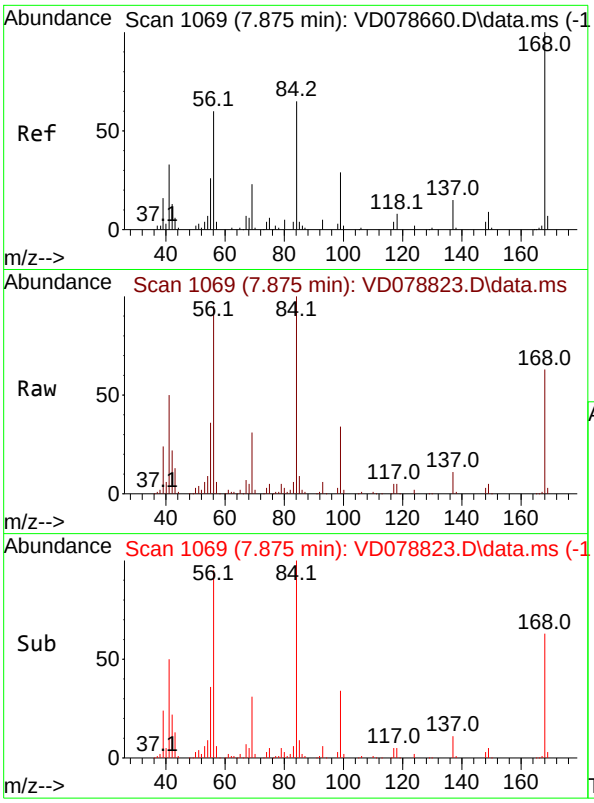
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041624\
Data File : VD078823.D
Acq On : 16 Apr 2024 14:59
Operator : RP/MD
Sample : P2123-04
Misc : 4.52G/5ml/MSVOA_D/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RPI-SS-DUP-01

Quant Time: Apr 16 22:33:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration



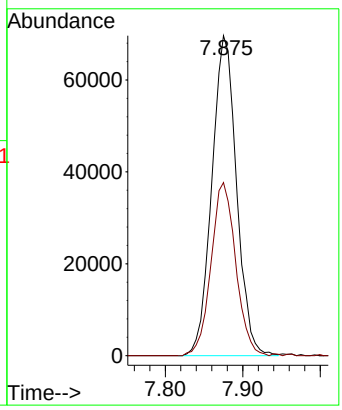


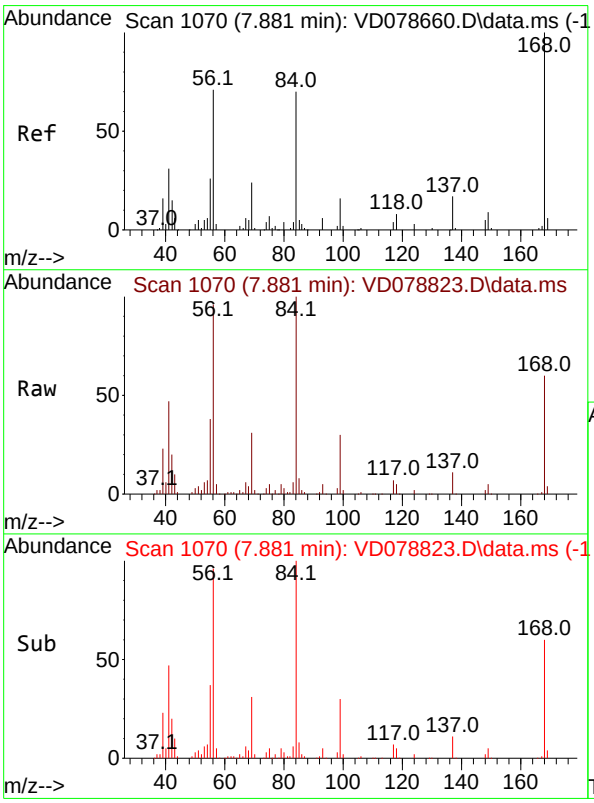
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078823.D
Acq: 16 Apr 2024 14:59

Instrument :
MSVOA_D
ClientSampleId :
RPI-SS-DUP-01

Tgt Ion:168 Resp: 154292

Ion	Ratio	Lower	Upper
168	100		
99	54.1	38.8	58.2

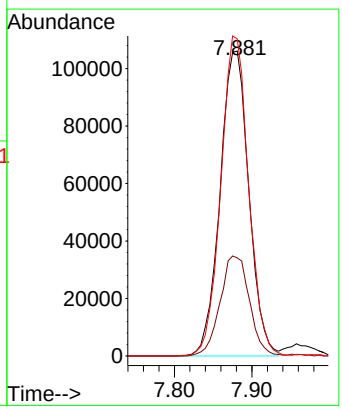


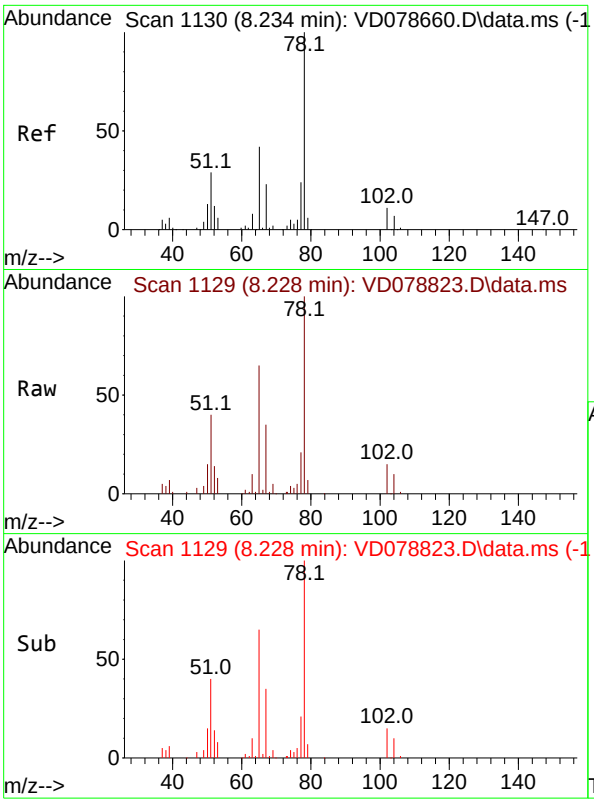


#31
Cyclohexane
Concen: 112.948 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078823.D
Acq: 16 Apr 2024 14:59

Tgt Ion: 56 Resp: 274508

Ion	Ratio	Lower	Upper
56	100		
69	32.2	26.6	40.0
84	104.0	79.4	119.2



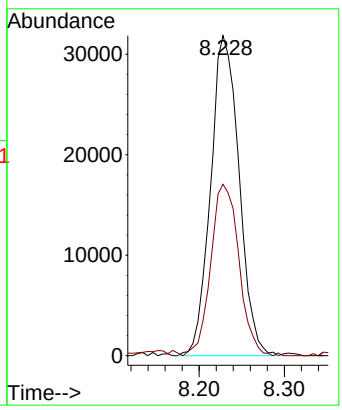


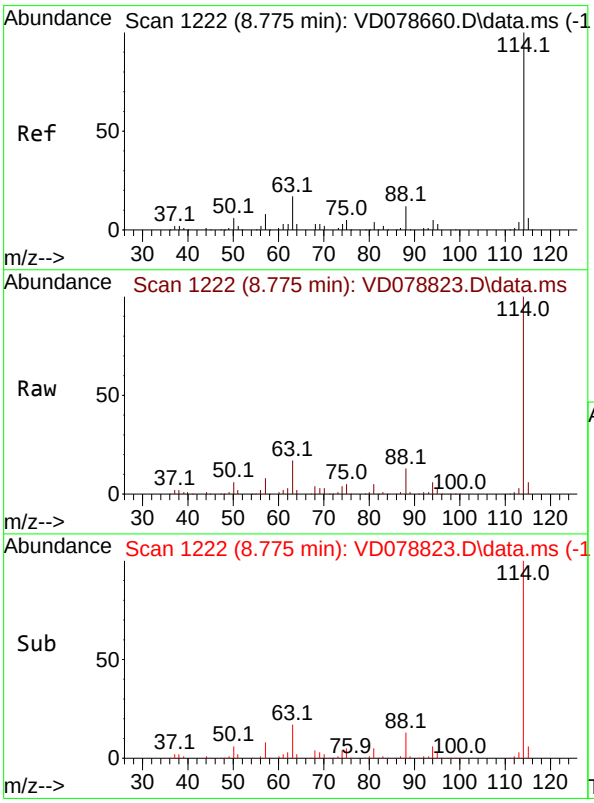
#33
1,2-Dichloroethane-d4
Concen: 51.135 ug/l
RT: 8.228 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078823.D
Acq: 16 Apr 2024 14:59

Instrument :
MSVOA_D
ClientSampleId :
RPI-SS-DUP-01

Tgt Ion: 65 Resp: 73940

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	110.2

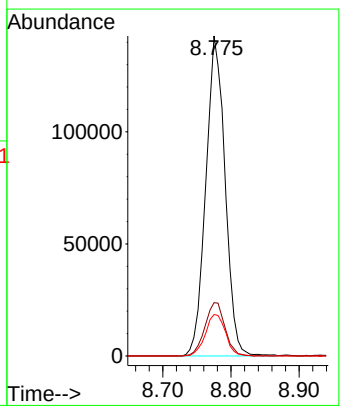


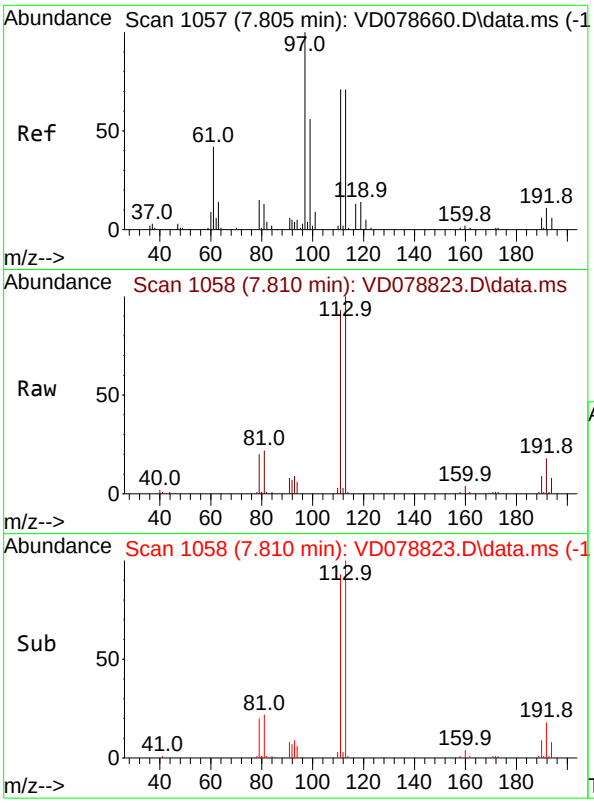


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD078823.D
Acq: 16 Apr 2024 14:59

Tgt Ion:114 Resp: 280825

Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	33.4
88	13.0	0.0	24.6



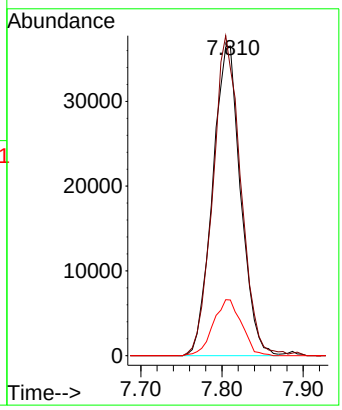


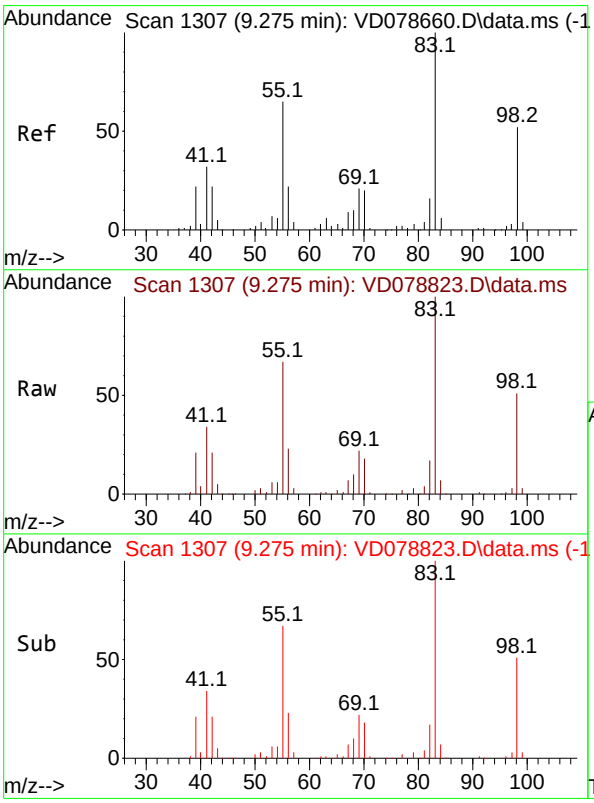
#35
Dibromofluoromethane
Concen: 48.729 ug/l
RT: 7.810 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD078823.D
Acq: 16 Apr 2024 14:59

Instrument :
MSVOA_D
ClientSampleId :
RPI-SS-DUP-01

Tgt Ion:113 Resp: 88107

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	18.2	15.4	23.0

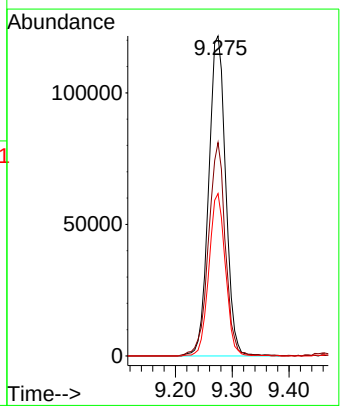


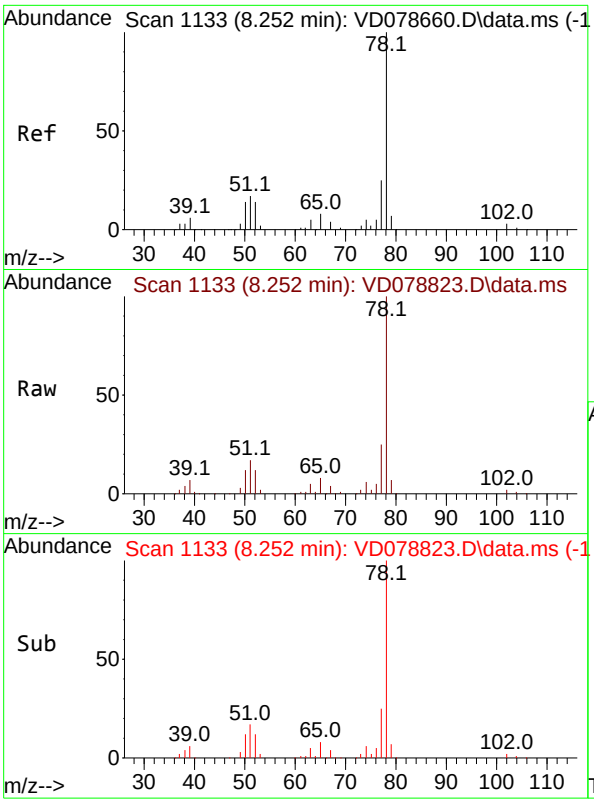


#39
Methylcyclohexane
Concen: 82.963 ug/l
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD078823.D
Acq: 16 Apr 2024 14:59

Tgt Ion: 83 Resp: 252478

Ion	Ratio	Lower	Upper
83	100		
55	66.7	51.7	77.5
98	50.7	41.4	62.0



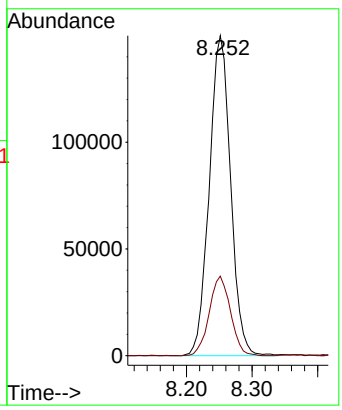


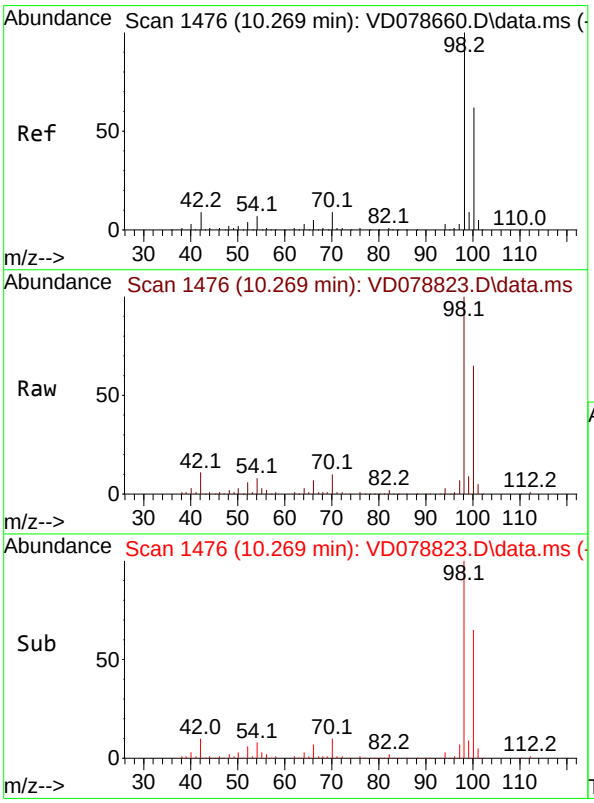
#40
Benzene
Concen: 42.679 ug/l
RT: 8.252 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078823.D
Acq: 16 Apr 2024 14:59

Instrument :
MSVOA_D
ClientSampleId :
RPI-SS-DUP-01

Tgt Ion: 78 Resp: 338454

Ion	Ratio	Lower	Upper
78	100		
77	24.9	20.4	30.6

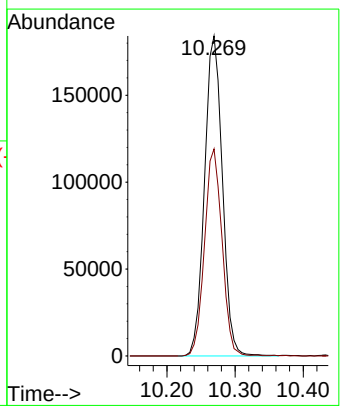


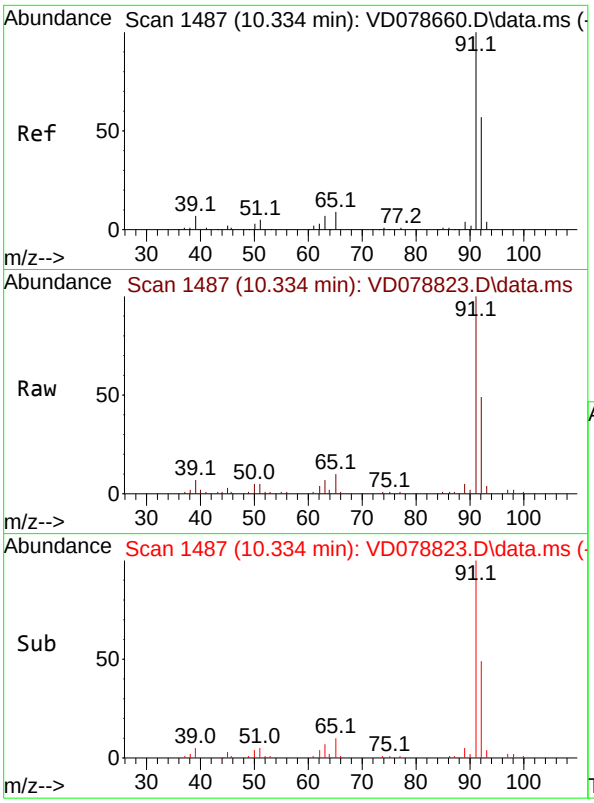


#50
Toluene-d8
Concen: 50.443 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078823.D
Acq: 16 Apr 2024 14:59

Tgt Ion: 98 Resp: 335423

Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.5	75.7



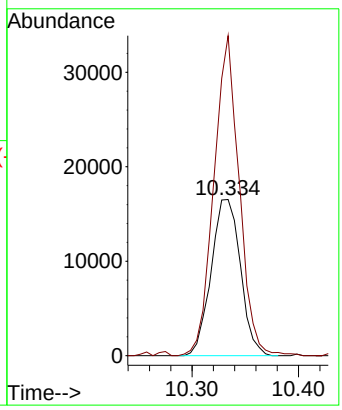


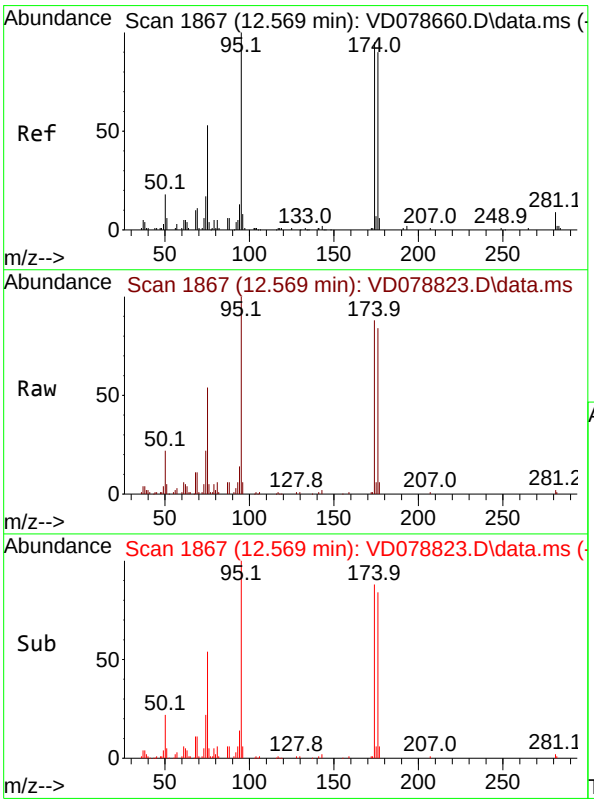
#52
Toluene
Concen: 6.178 ug/l
RT: 10.334 min Scan# 14
Delta R.T. -0.000 min
Lab File: VD078823.D
Acq: 16 Apr 2024 14:59

Instrument :
MSVOA_D
ClientSampleId :
RPI-SS-DUP-01

Tgt Ion: 92 Resp: 31542

Ion	Ratio	Lower	Upper
92	100		
91	177.8	136.6	205.0

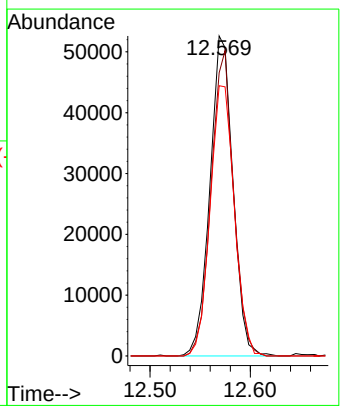


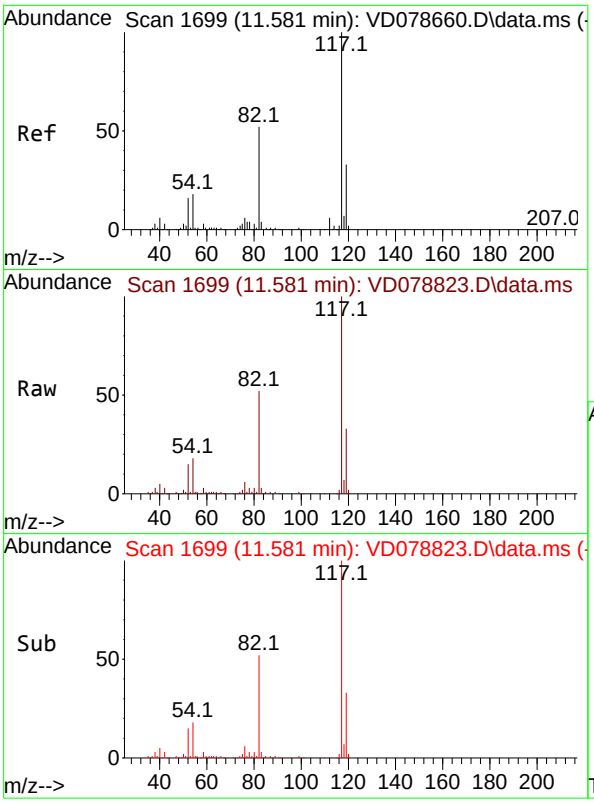


#62
4-Bromofluorobenzene
Concen: 43.171 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD078823.D
Acq: 16 Apr 2024 14:59

Tgt Ion: 95 Resp: 83983

Ion	Ratio	Lower	Upper
95	100		
174	93.1	0.0	195.2
176	88.7	0.0	188.2



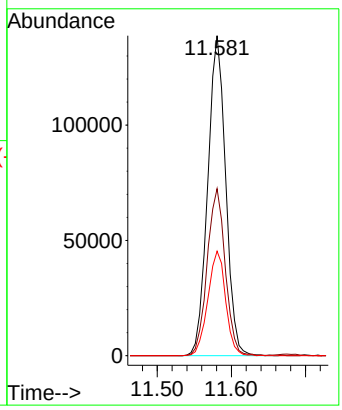


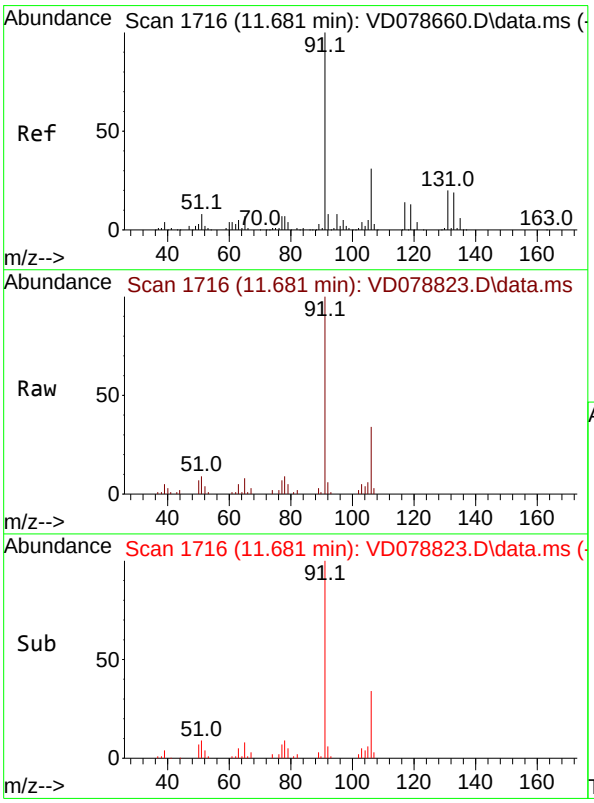
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078823.D
Acq: 16 Apr 2024 14:59

Instrument :
MSVOA_D
ClientSampleId :
RPI-SS-DUP-01

Tgt Ion:117 Resp: 233173

Ion	Ratio	Lower	Upper
117	100		
82	52.2	41.4	62.2
119	32.7	26.5	39.7

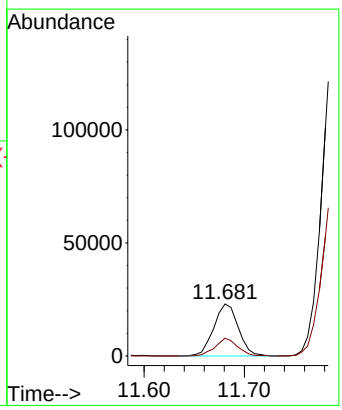


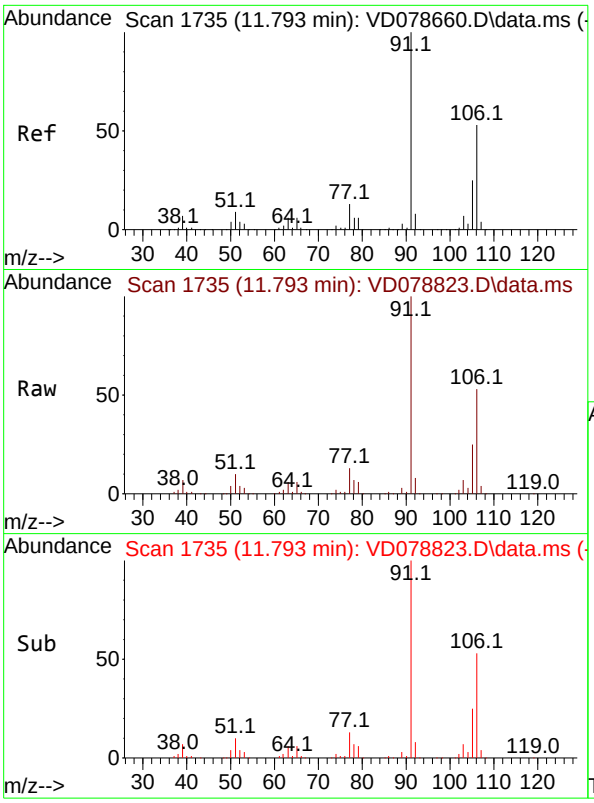


#67
Ethyl Benzene
Concen: 4.695 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078823.D
Acq: 16 Apr 2024 14:59

Tgt Ion: 91 Resp: 38982

Ion	Ratio	Lower	Upper
91	100		
106	34.2	24.5	36.7



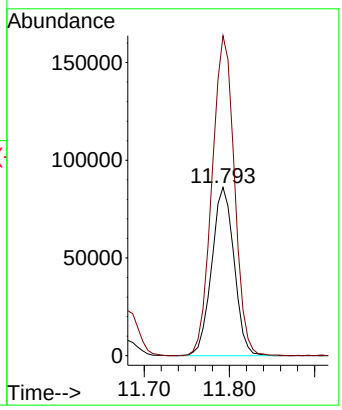


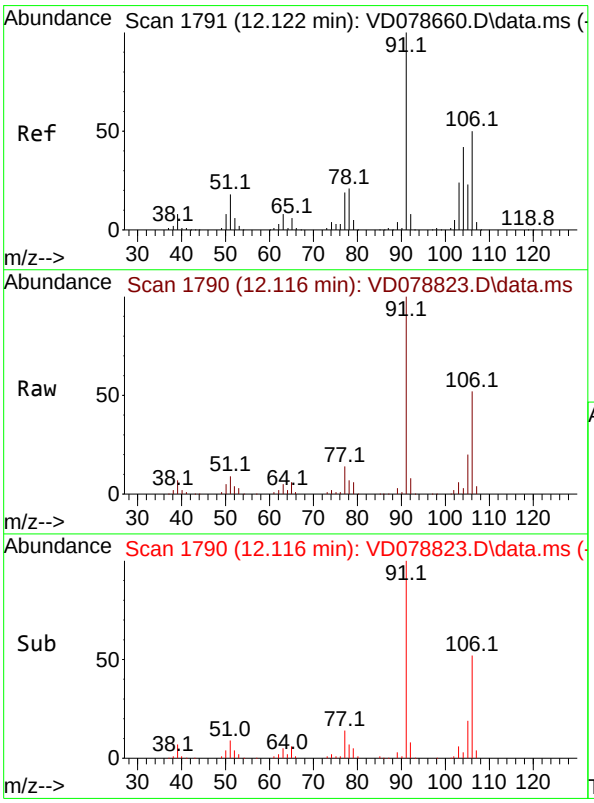
#68
m/p-Xylenes
Concen: 46.616 ug/l
RT: 11.793 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078823.D
Acq: 16 Apr 2024 14:59

Instrument :
MSVOA_D
ClientSampleId :
RPI-SS-DUP-01

Tgt Ion:106 Resp: 157175

Ion	Ratio	Lower	Upper
106	100		
91	190.4	154.4	231.6

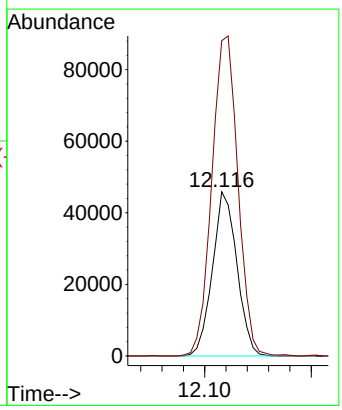


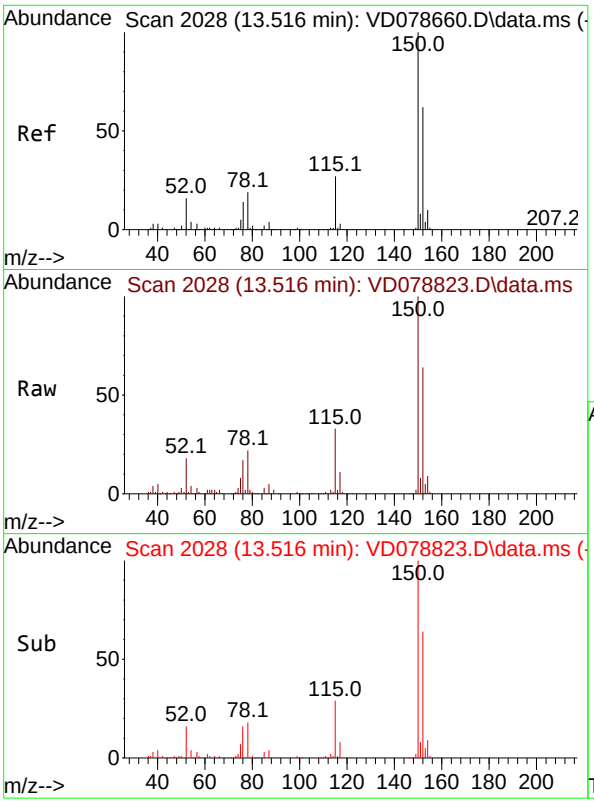


#69
o-Xylene
Concen: 23.418 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD078823.D
Acq: 16 Apr 2024 14:59

Tgt Ion:106 Resp: 73055

Ion	Ratio	Lower	Upper
106	100		
91	208.2	99.6	298.7



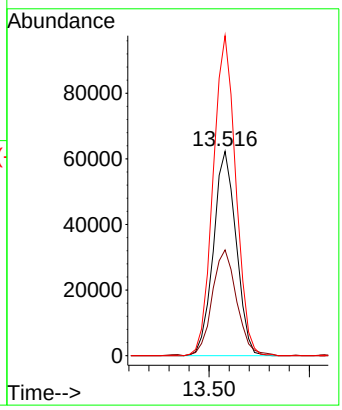


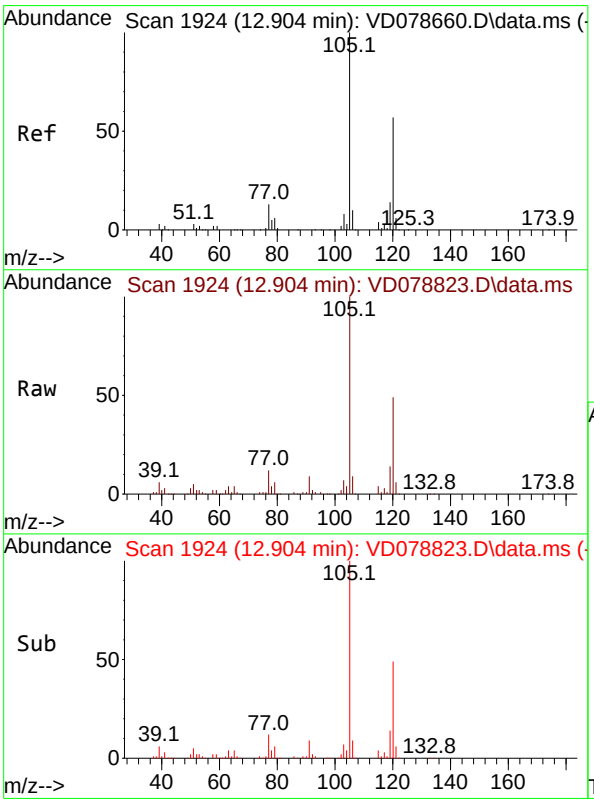
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2
Delta R.T. -0.000 min
Lab File: VD078823.D
Acq: 16 Apr 2024 14:59

Instrument :
MSVOA_D
ClientSampleId :
RPI-SS-DUP-01

Tgt Ion:152 Resp: 98104

Ion	Ratio	Lower	Upper
152	100		
115	55.8	27.1	81.2
150	156.1	0.0	350.2

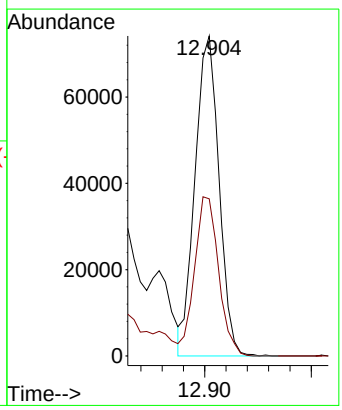


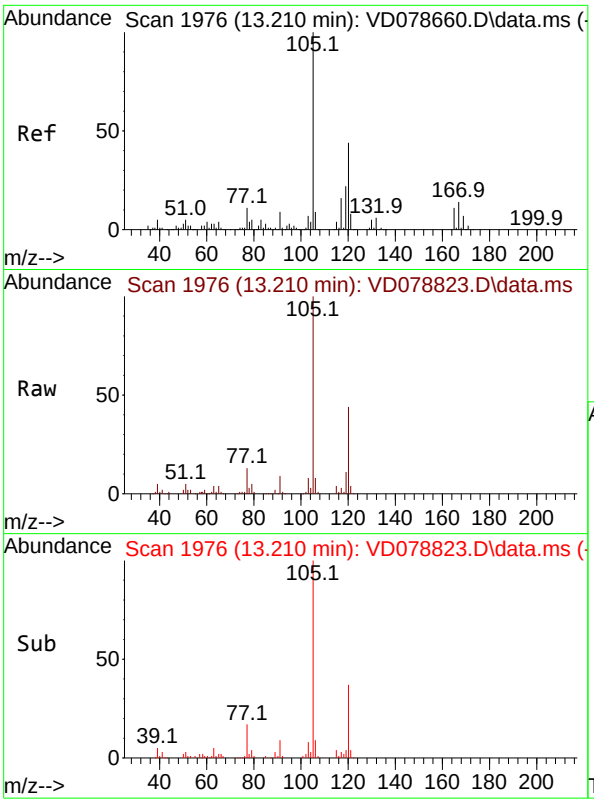


#80
1,3,5-Trimethylbenzene
Concen: 21.700 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078823.D
Acq: 16 Apr 2024 14:59

Tgt Ion:105 Resp: 115908

Ion	Ratio	Lower	Upper
105	100		
120	50.1	25.9	77.7





#84
1,2,4-Trimethylbenzene
Concen: 24.917 ug/l
RT: 13.210 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078823.D
Acq: 16 Apr 2024 14:59

Instrument :
MSVOA_D
ClientSampleId :
RPI-SS-DUP-01

Tgt Ion:105 Resp: 134126

Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.1	69.2