Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD073020\
Data File : VD066118.D
Acq On : 30 Jul 2020 18:21
Operator : VA/SY
Sample : L3481-02RE
Misc : 6.63G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : ROLLOFF-72-12012RE

Quant Time: Jul 31 03:47:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.98	168	252370	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.86	114	392043	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.65	117	423786	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	216289	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.33	65	103879	50.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.18%				
35) Dibromofluoromethane	7.91	113	113719	47.82	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.64%				
50) Toluene-d8	10.34	98	490210	55.34	ug/l		0.00
Spiked Amount 50.000			Recovery = 110.68%				
62) 4-Bromofluorobenzene	12.64	95	226937	73.89	ug/l		0.00
Spiked Amount 50.000			Recovery = 147.78%				
Target Compounds							Qvalue
16) Acetone	4.17	43	3748	9.017	ug/l	#	76
17) Carbon Disulfide	4.40	76	11296	1.669	ug/l	#	89
40) Benzene	8.35	78	143371	15.316	ug/l		94
52) Toluene	10.40	92	51981	8.515	ug/l		95
67) Ethyl Benzene	11.74	91	71718	5.371	ug/l		98
68) m/p-Xylenes	11.86	106	58170	11.334	ug/l		94
69) o-Xylene	12.18	106	10943	2.344	ug/l		86
73) Isopropylbenzene	12.48	105	125796	9.612	ug/l		99
78) n-propylbenzene	12.83	91	452348	29.785	ug/l		99
80) 1,3,5-Trimethylbenzene	12.97	105	12582	1.170	ug/l		90
84) 1,2,4-Trimethylbenzene	13.27	105	33001	3.111	ug/l		97
85) sec-Butylbenzene	13.41	105	279525	21.568	ug/l	#	51
89) n-Butylbenzene	13.85	91	690036	63.029	ug/l	#	75

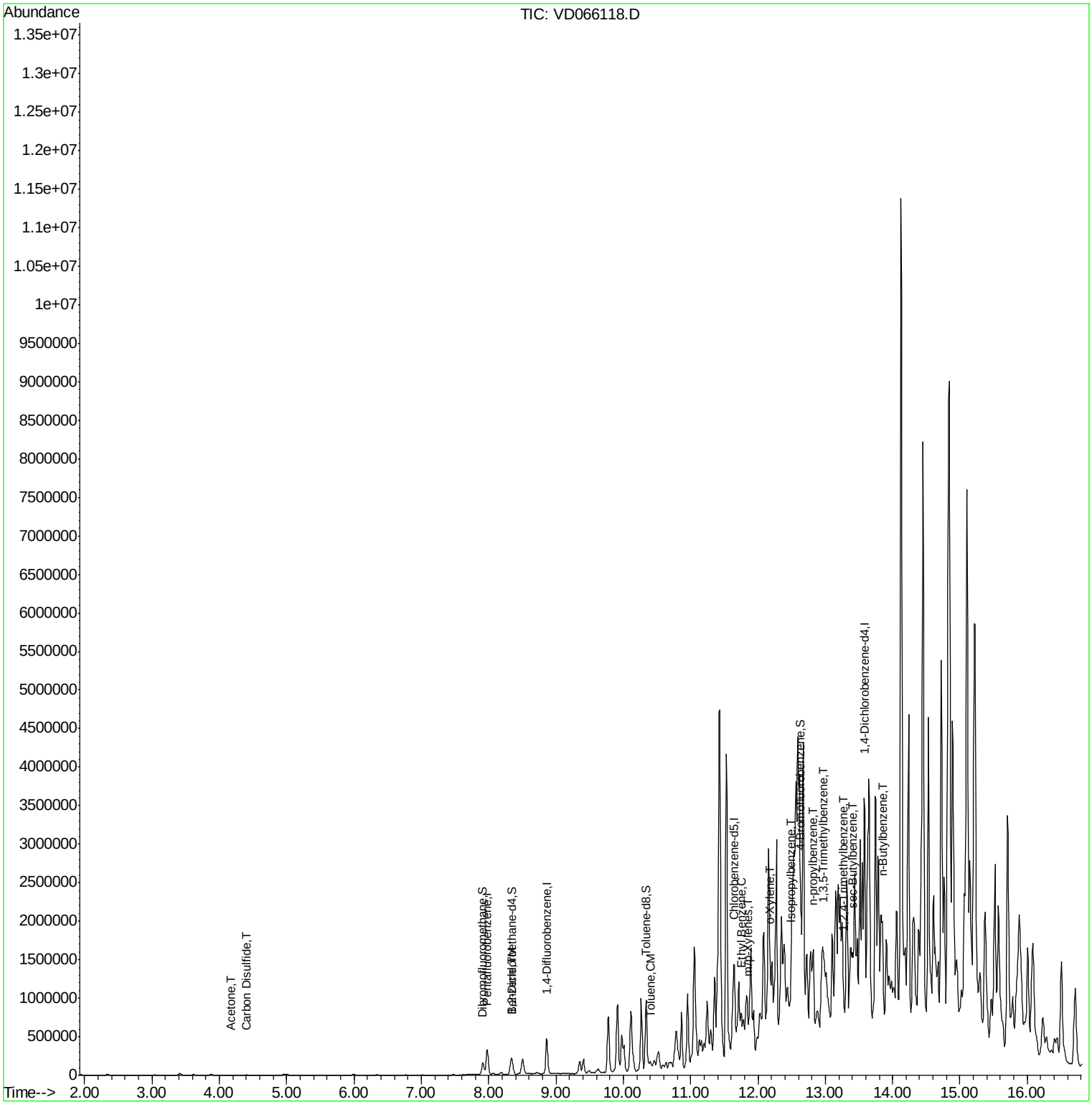
(#) = qualifier out of range (m) = manual integration (+) = signals summed

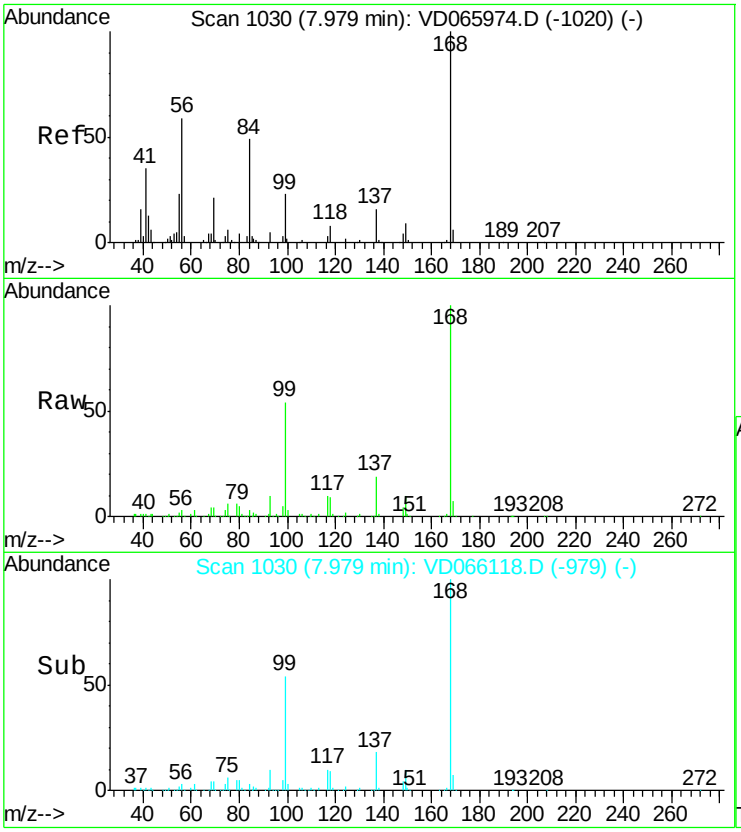
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073020\
Data File : VD066118.D
Acq On : 30 Jul 2020 18:21
Operator : VA/SY
Sample : L3481-02RE
Misc : 6.63G/5.00ml/MSVOA D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ROLLOFF-72-12012RE

Quant Time: Jul 31 03:47:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration



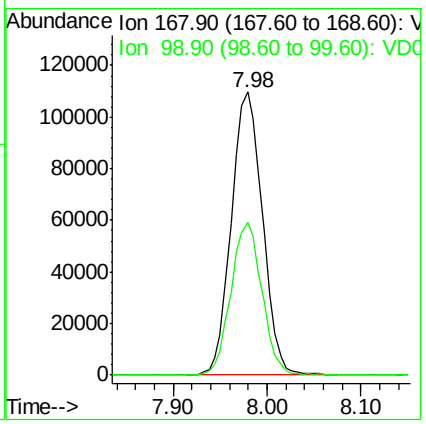


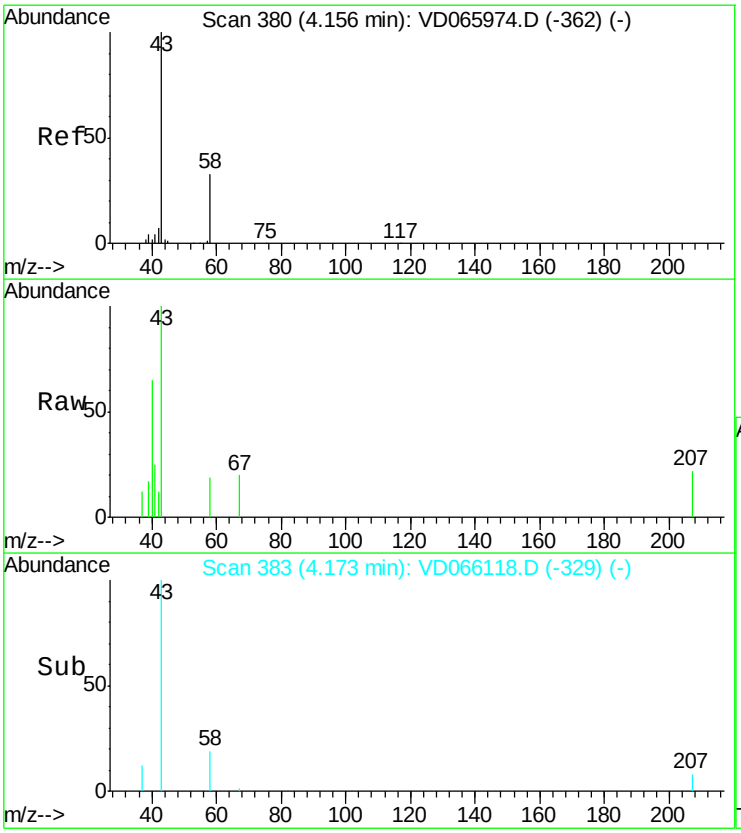
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066118.D
Acq: 30 Jul 2020 18:21

Instrument :
MSVOA_D
ClientSampleId :
ROLLOFF-72-12012RE

Tgt Ion:168 Resp: 252370

Ion	Ratio	Lower	Upper
168	100		
99	53.9	40.8	61.2

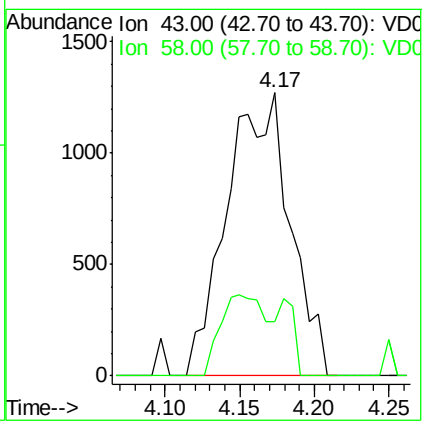


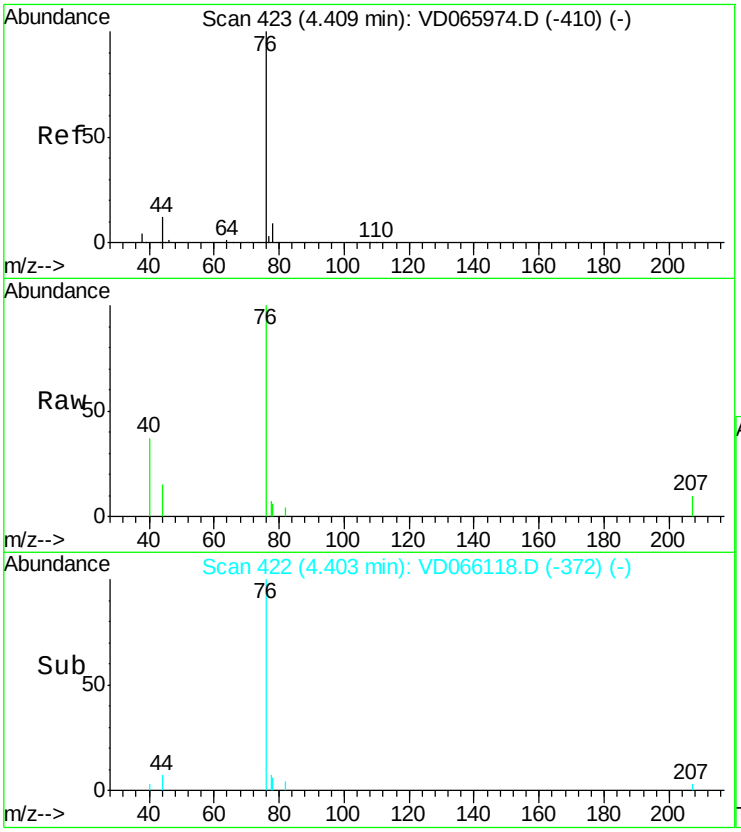


#16
Acetone
Concen: 9.017 ug/l
RT: 4.17 min Scan# 383
Delta R.T. 0.02 min
Lab File: VD066118.D
Acq: 30 Jul 2020 18:21

Tgt Ion: 43 Resp: 3748

Ion	Ratio	Lower	Upper
43	100		
58	19.4	26.3	39.5#



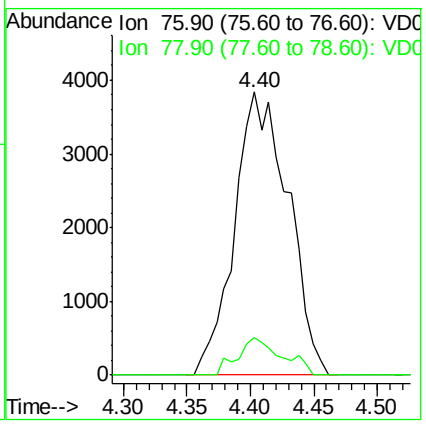


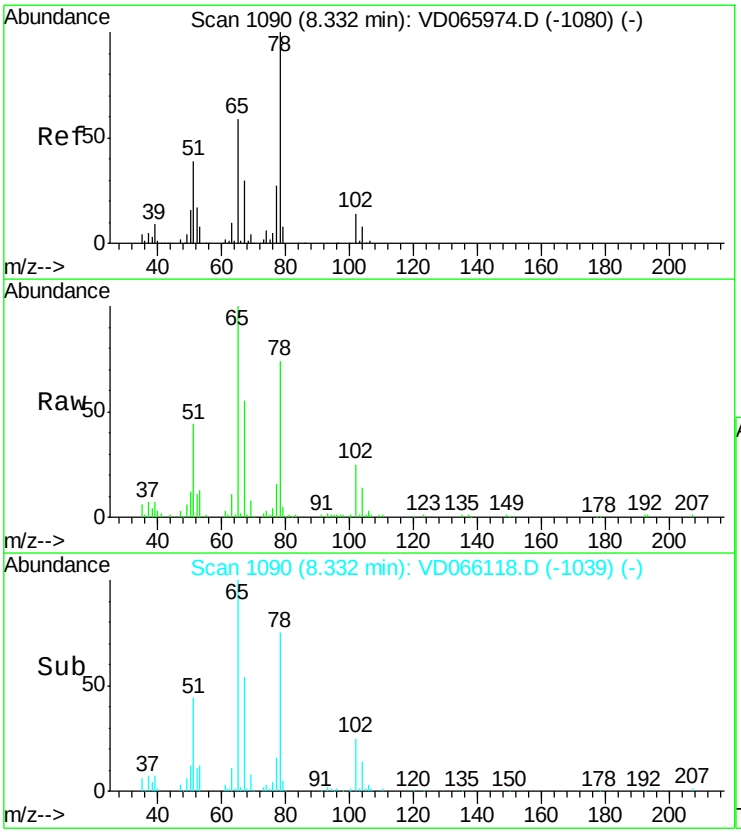
#17
Carbon Disulfide
Concen: 1.669 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD066118.D
Acq: 30 Jul 2020 18:21

Instrument : MSVOA_D
ClientSampleId : ROLLOFF-72-12012RE

Tgt Ion: 76 Resp: 11296

Ion	Ratio	Lower	Upper
76	100		
78	13.3	7.4	11.2#

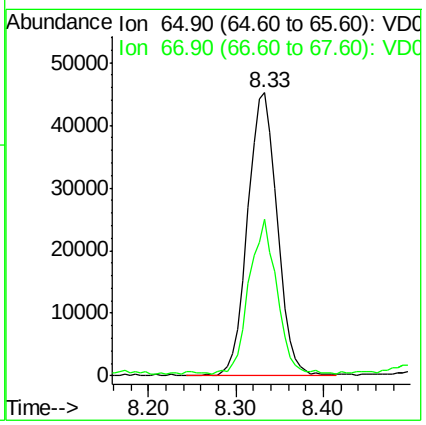


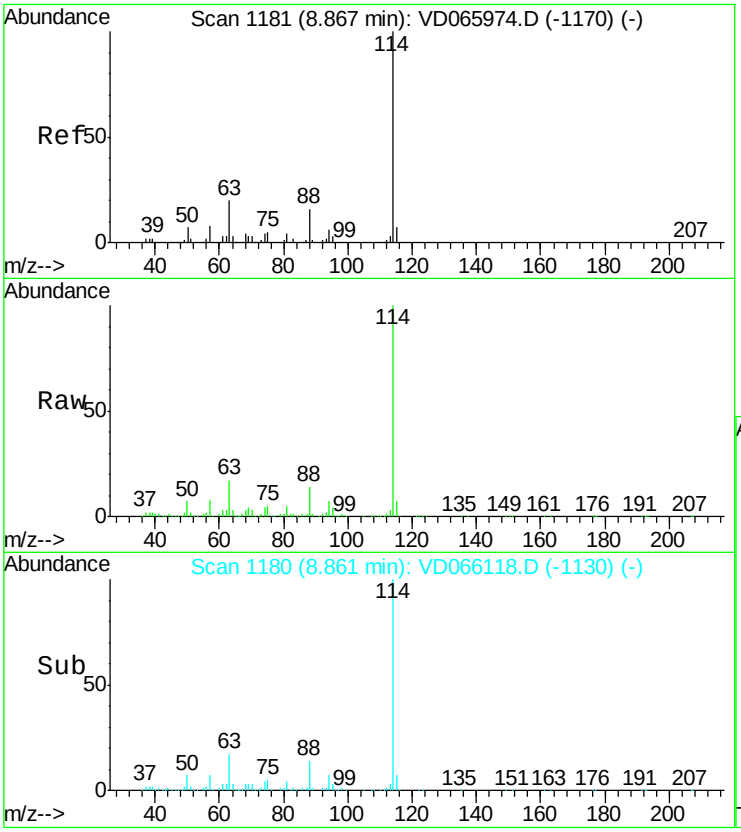


#33
1,2-Dichloroethane-d4
Concen: 50.586 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD066118.D
Acq: 30 Jul 2020 18:21

Tgt Ion: 65 Resp: 103879

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	105.0



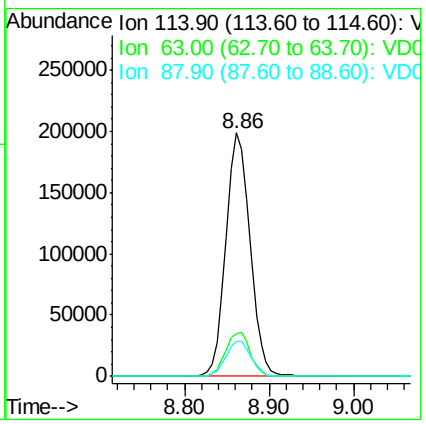


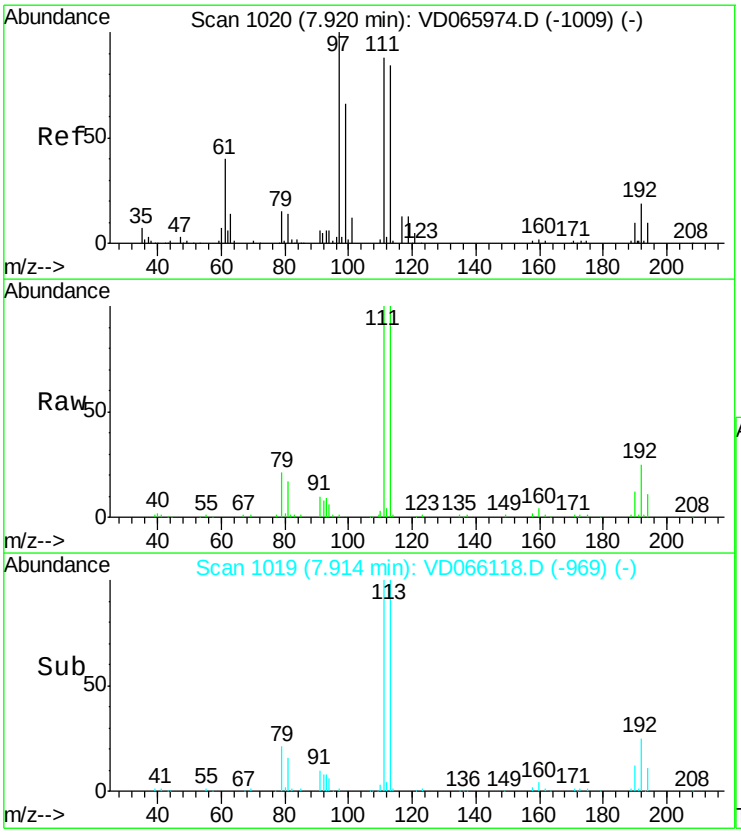
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VD066118.D
Acq: 30 Jul 2020 18:21

Instrument :
MSVOA_D
ClientSampleId :
ROLLOFF-72-12012RE

Tgt Ion:114 Resp: 392043

Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	39.6
88	14.1	0.0	31.2

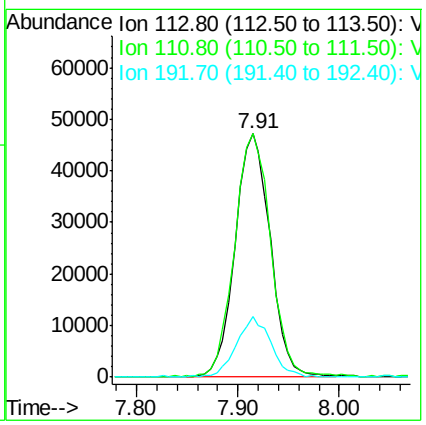


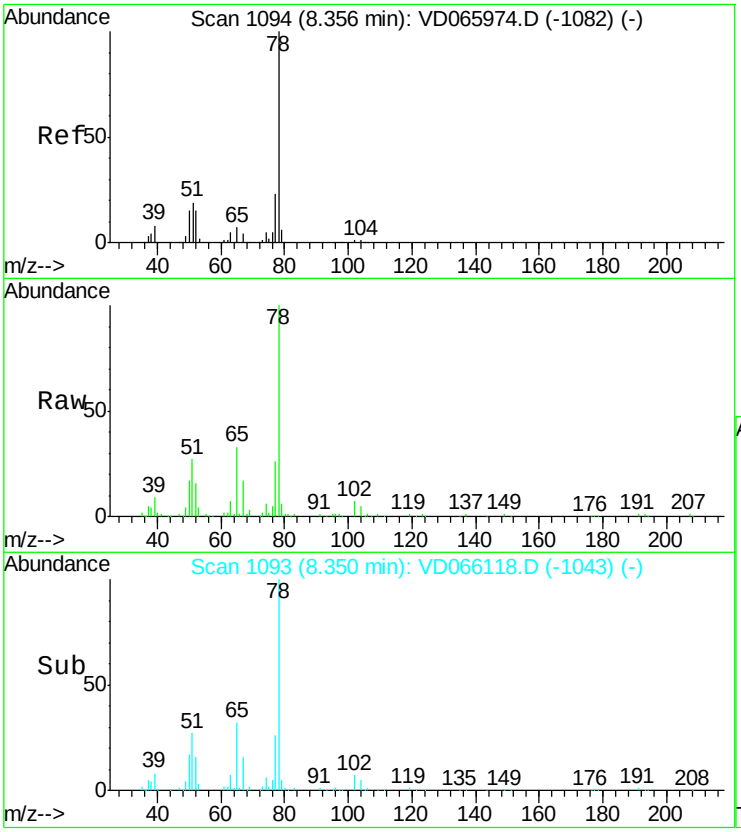


#35
Dibromofluoromethane
Concen: 47.824 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD066118.D
Acq: 30 Jul 2020 18:21

Tgt Ion:113 Resp: 113719

Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.2	124.8
192	24.3	18.7	28.1



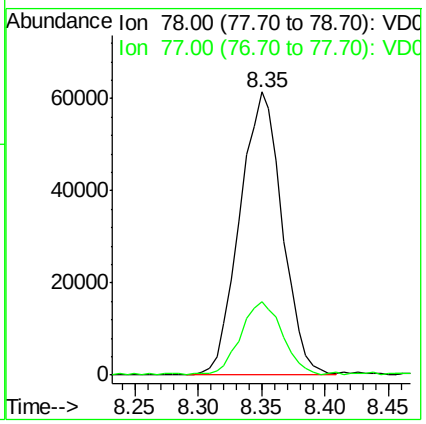


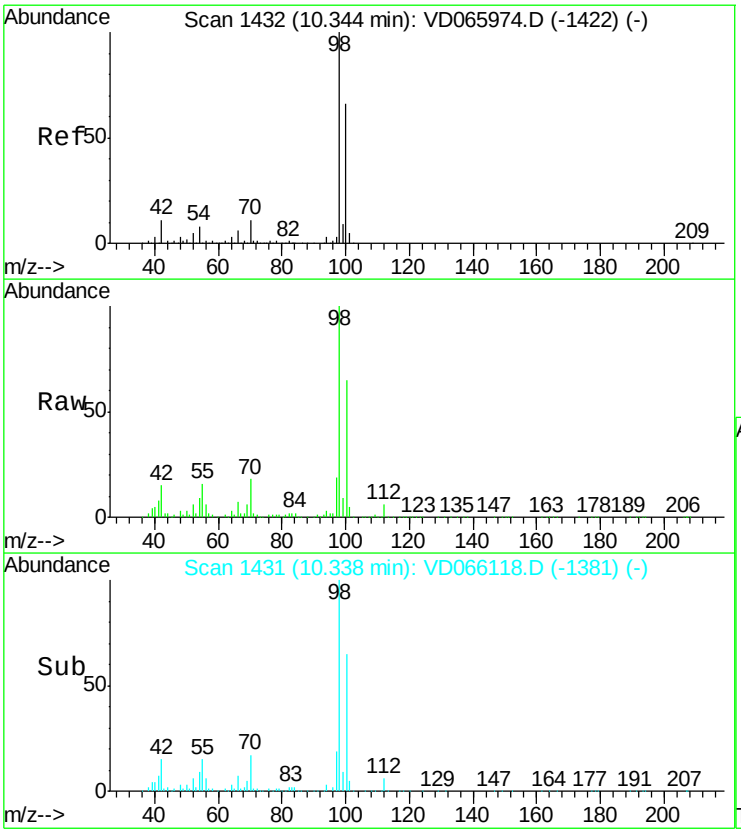
#40
Benzene
Concen: 15.316 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD066118.D
Acq: 30 Jul 2020 18:21

Instrument :
MSVOA_D
ClientSampleId :
ROLLOFF-72-12012RE

Tgt Ion: 78 Resp: 143371

Ion	Ratio	Lower	Upper
78	100		
77	26.2	18.6	27.8

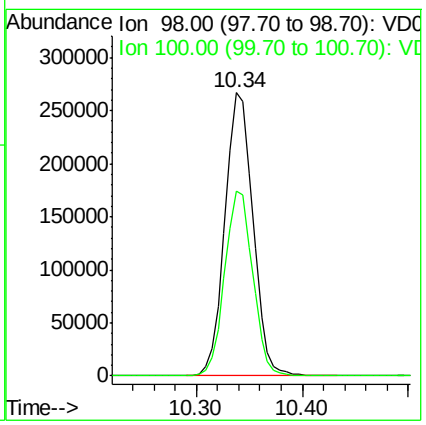


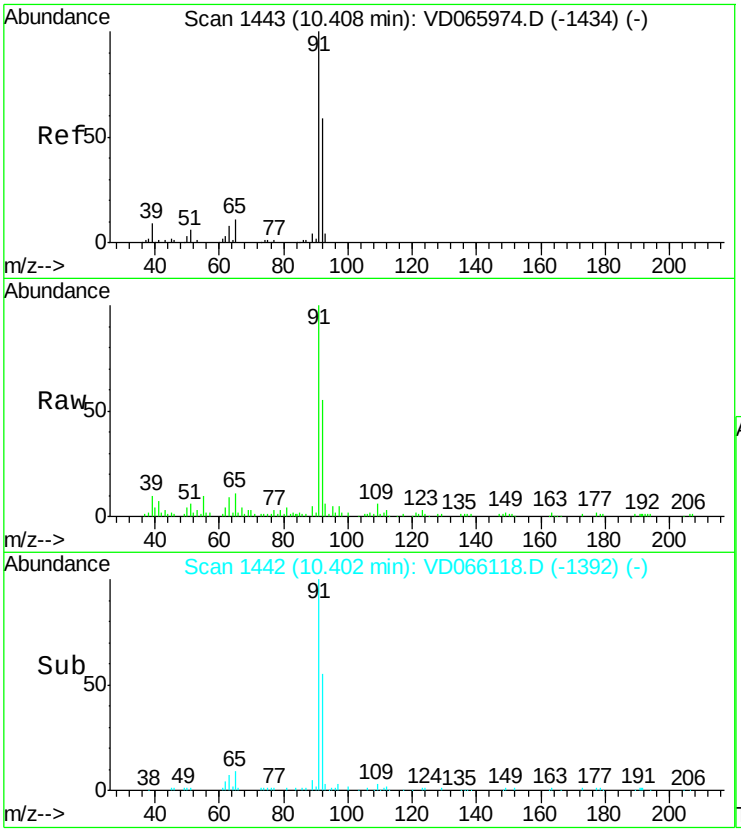


#50
Toluene-d8
Concen: 55.340 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD066118.D
Acq: 30 Jul 2020 18:21

Tgt Ion: 98 Resp: 490210

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.7	79.1



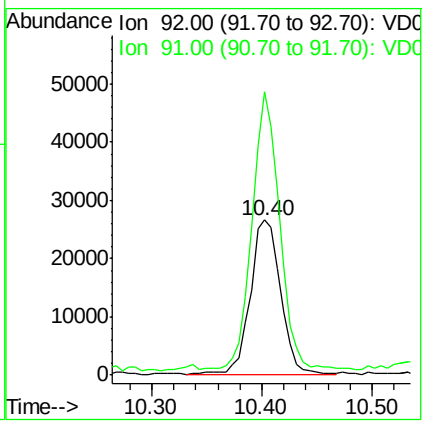


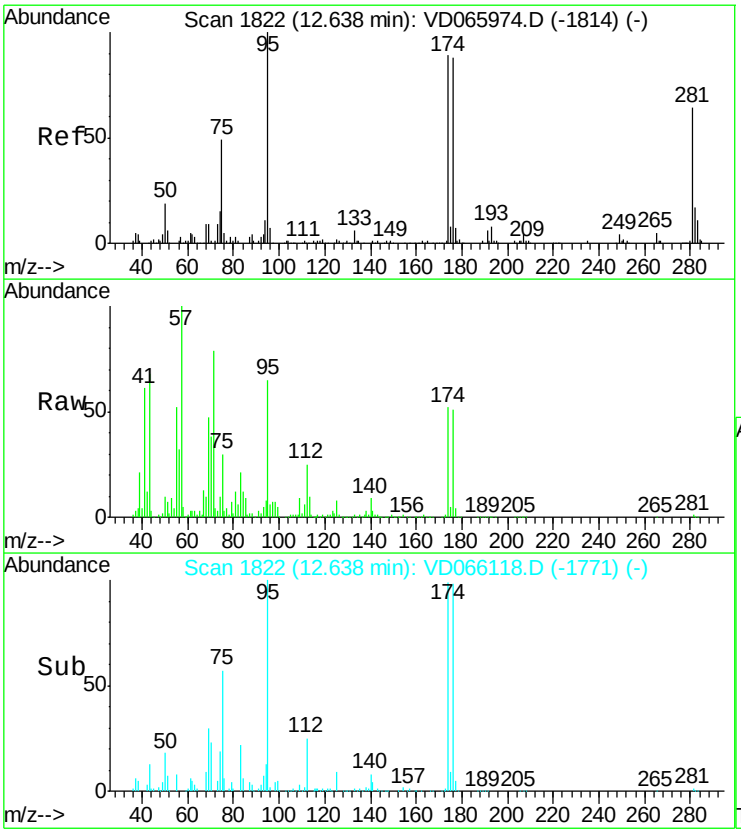
#52
Toluene
Concen: 8.515 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. -0.01 min
Lab File: VD066118.D
Acq: 30 Jul 2020 18:21

Instrument :
MSVOA_D
ClientSampleId :
ROLLOFF-72-12012RE

Tgt Ion: 92 Resp: 51981

Ion	Ratio	Lower	Upper
92	100		
91	161.3	134.5	201.7

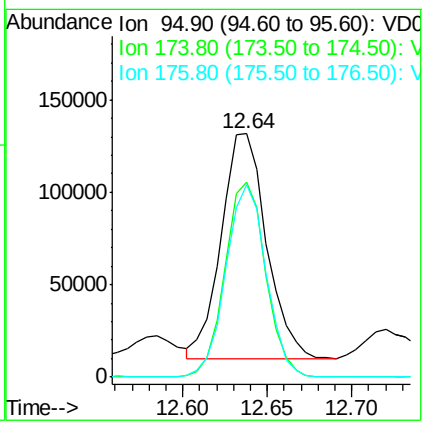


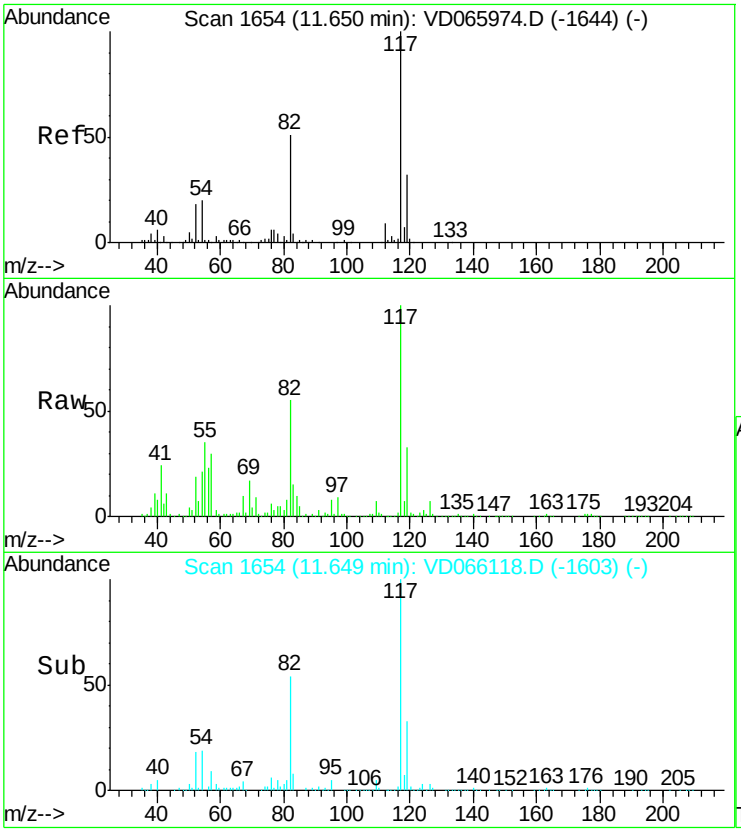


#62
4-Bromofluorobenzene
Concen: 73.886 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD066118.D
Acq: 30 Jul 2020 18:21

Tgt Ion: 95 Resp: 226937

Ion	Ratio	Lower	Upper
95	100		
174	78.2	0.0	178.8
176	75.8	0.0	172.6



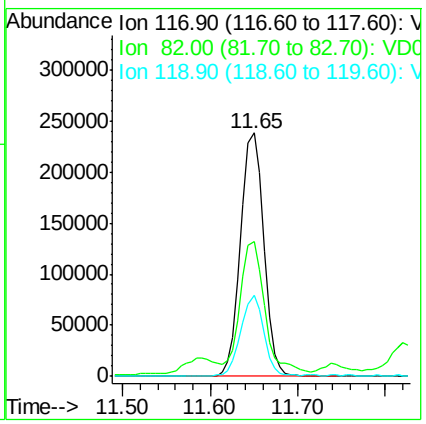


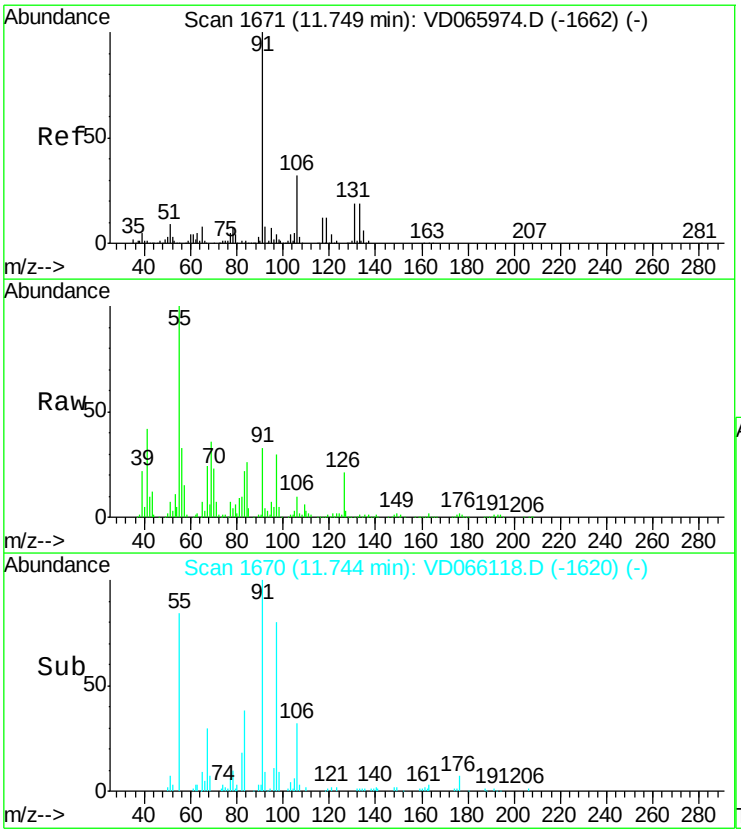
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066118.D
Acq: 30 Jul 2020 18:21

Instrument :
MSVOA_D
ClientSampleId :
ROLLOFF-72-12012RE

Tgt Ion:117 Resp: 423786

Ion	Ratio	Lower	Upper
117	100		
82	50.4	41.1	61.7
119	32.9	25.9	38.9

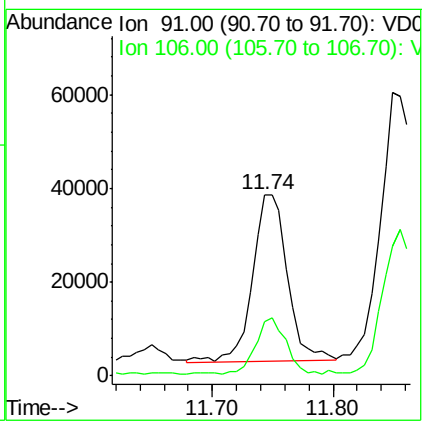


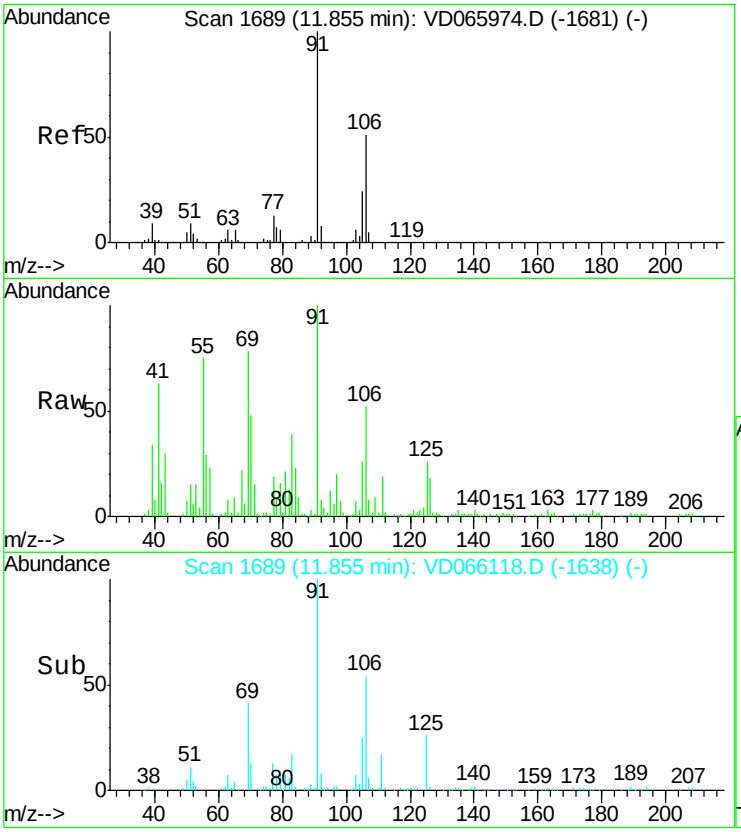


#67
Ethyl Benzene
Concen: 5.371 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD066118.D
Acq: 30 Jul 2020 18:21

Tgt Ion: 91 Resp: 71718

Ion	Ratio	Lower	Upper
91	100		
106	31.0	25.7	38.5



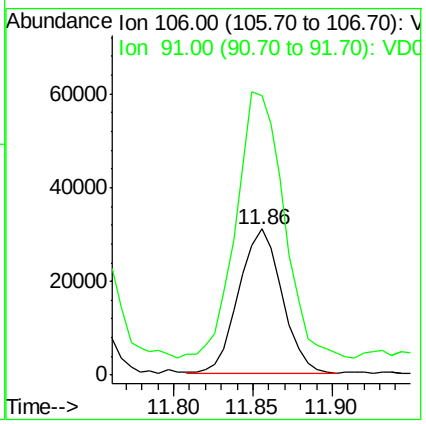


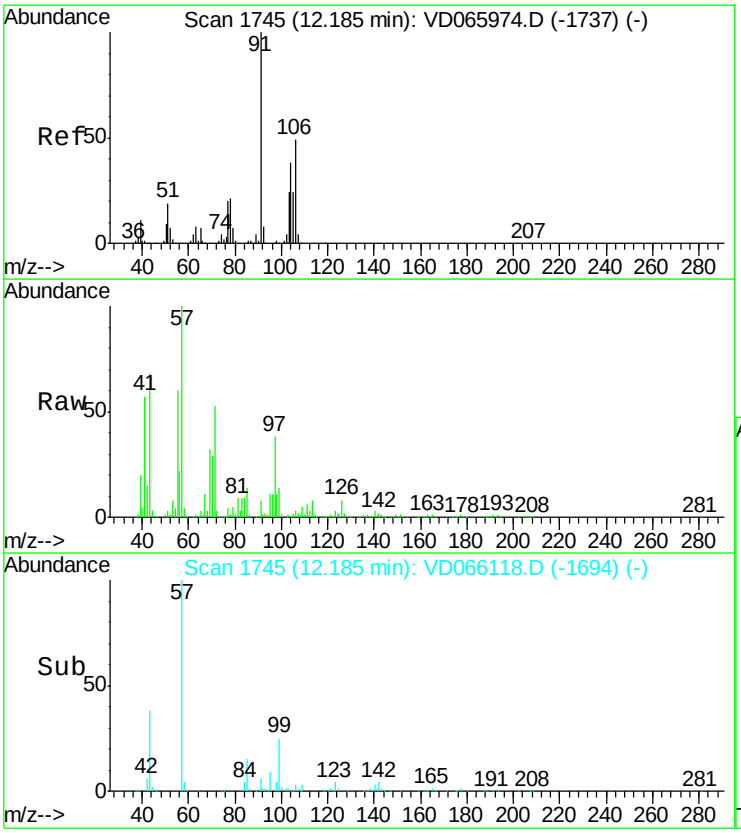
#68
m/p-Xylenes
Concen: 11.334 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD066118.D
Acq: 30 Jul 2020 18:21

Instrument :
MSVOA_D
ClientSampleId :
ROLLOFF-72-12012RE

Tgt Ion:106 Resp: 58170

Ion	Ratio	Lower	Upper
106	100		
91	204.7	157.0	235.6

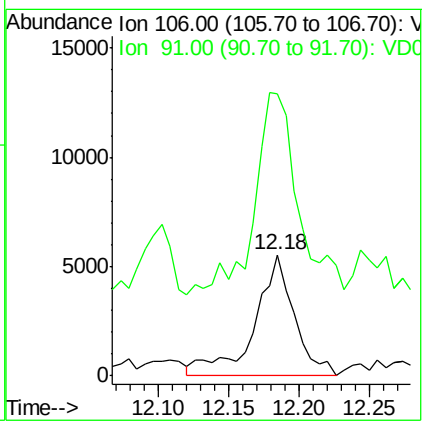


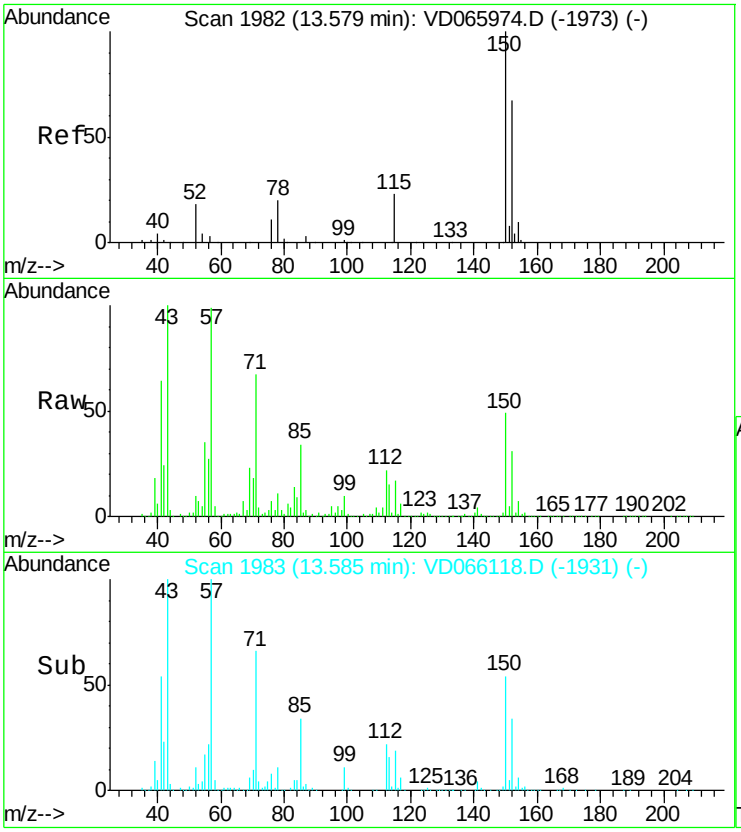


#69
o-Xylene
Concen: 2.344 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD066118.D
Acq: 30 Jul 2020 18:21

Tgt Ion:106 Resp: 10943

Ion	Ratio	Lower	Upper
106	100		
91	184.7	103.1	309.3



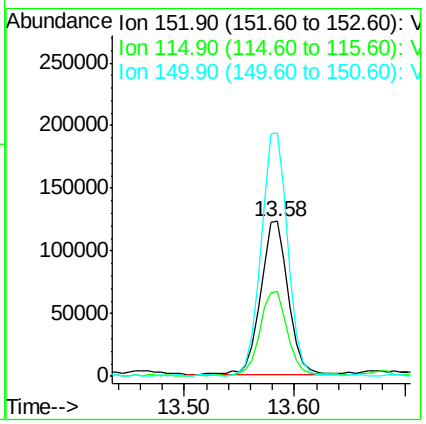


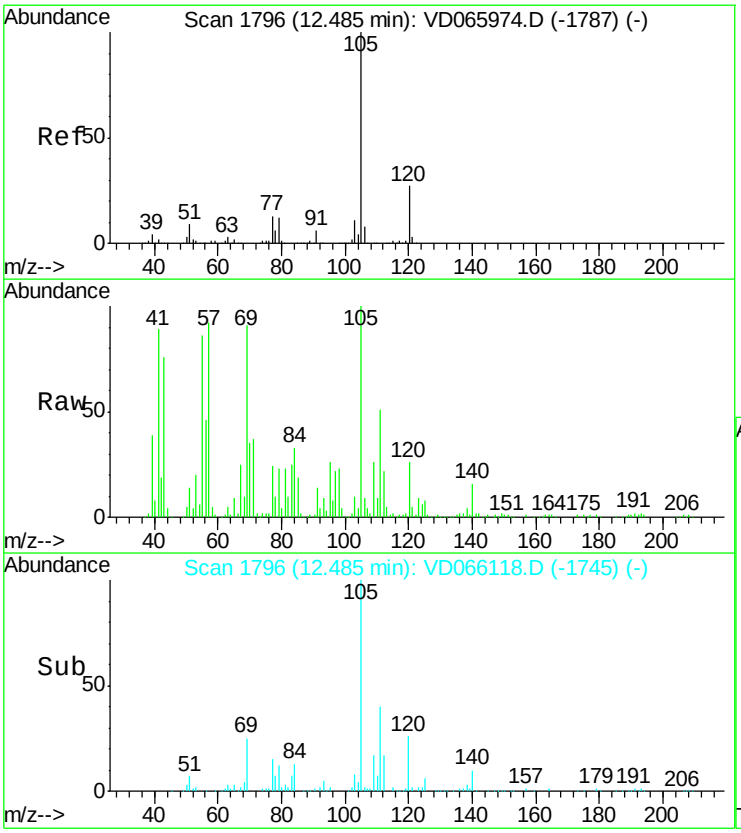
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066118.D
Acq: 30 Jul 2020 18:21

Instrument :
MSVOA_D
ClientSampleId :
ROLLOFF-72-12012RE

Tgt Ion:152 Resp: 216289

Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.9	83.7
150	150.4	0.0	348.2

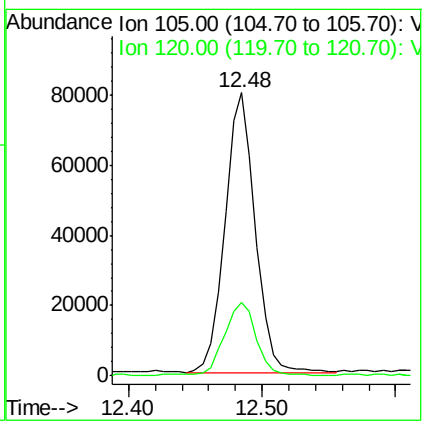


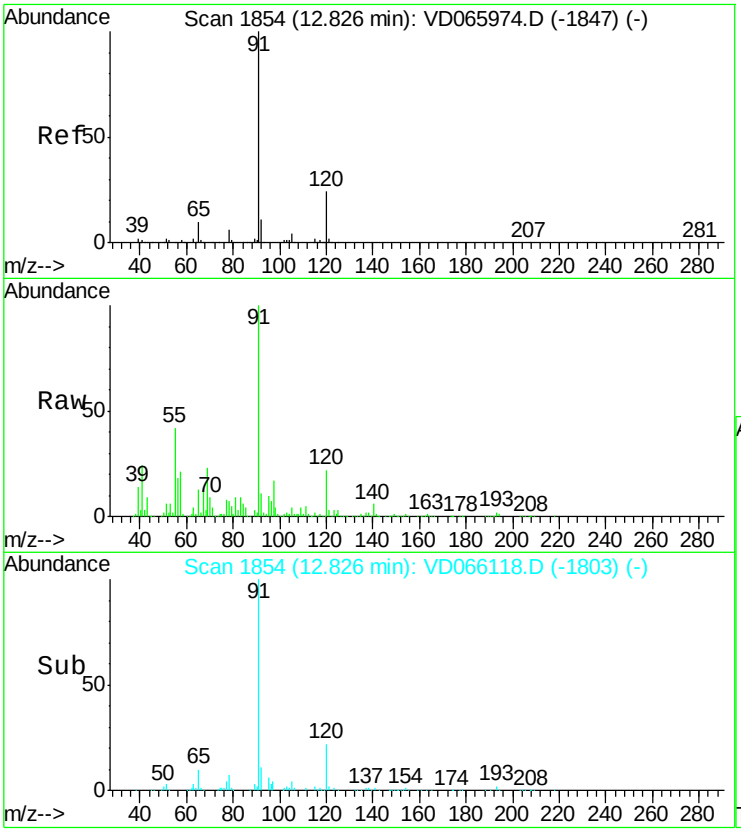


#73
Isopropylbenzene
Concen: 9.612 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VD066118.D
Acq: 30 Jul 2020 18:21

Tgt Ion:105 Resp: 125796

Ion	Ratio	Lower	Upper
105	100		
120	27.7	13.6	40.8



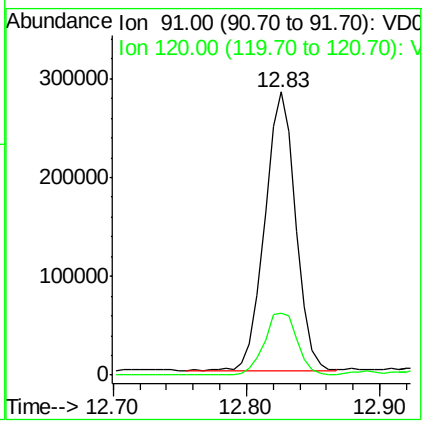


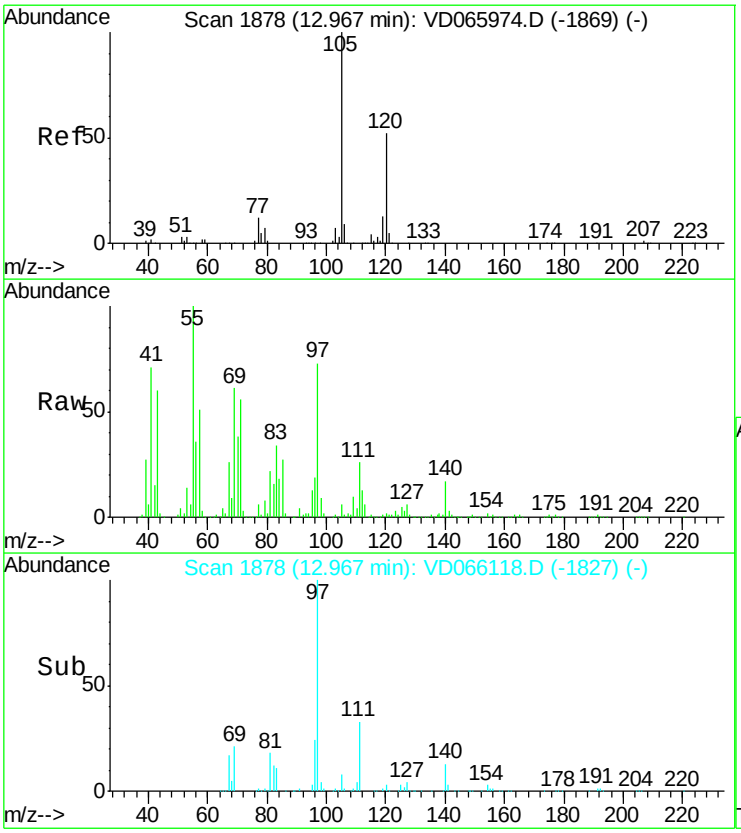
#78
n-propylbenzene
Concen: 29.785 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VD066118.D
Acq: 30 Jul 2020 18:21

Instrument :
MSVOA_D
ClientSampleId :
ROLLOFF-72-12012RE

Tgt Ion: 91 Resp: 452348

Ion	Ratio	Lower	Upper
91	100		
120	23.7	12.0	36.0

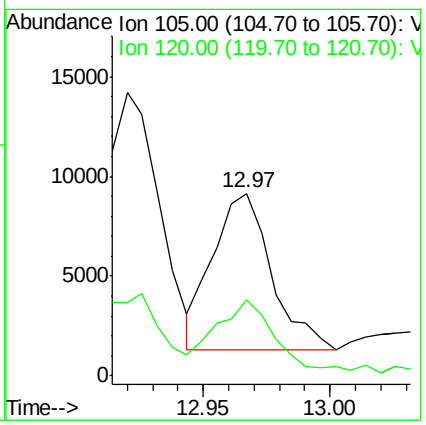


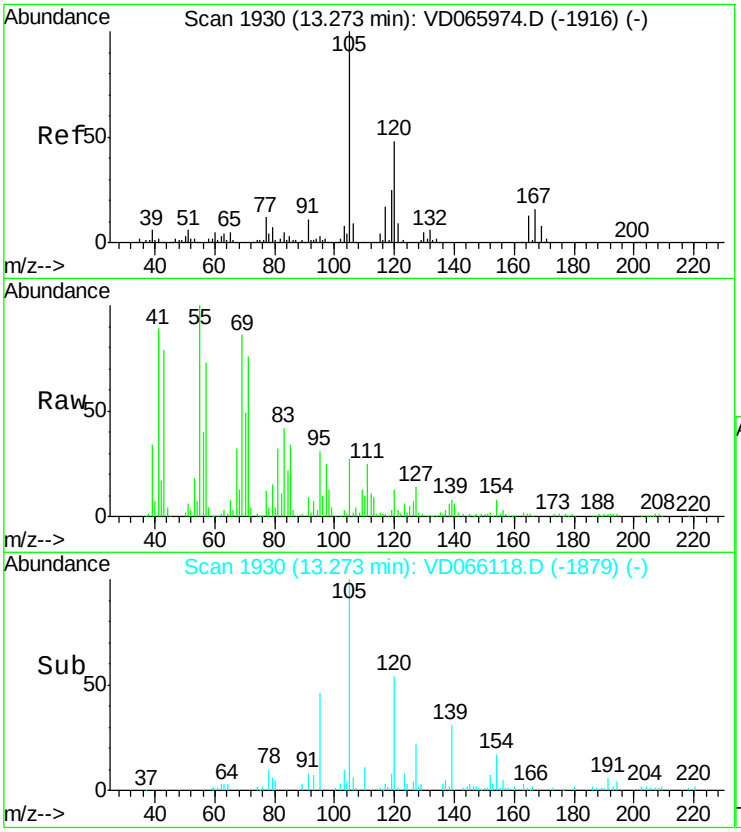


#80
1,3,5-Trimethylbenzene
Concen: 1.170 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. -0.00 min
Lab File: VD066118.D
Acq: 30 Jul 2020 18:21

Tgt Ion:105 Resp: 12582

Ion	Ratio	Lower	Upper
105	100		
120	44.3	25.6	76.6



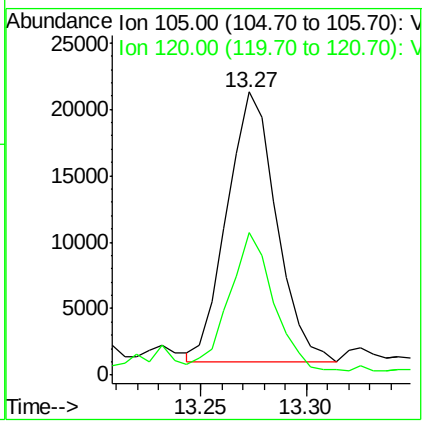


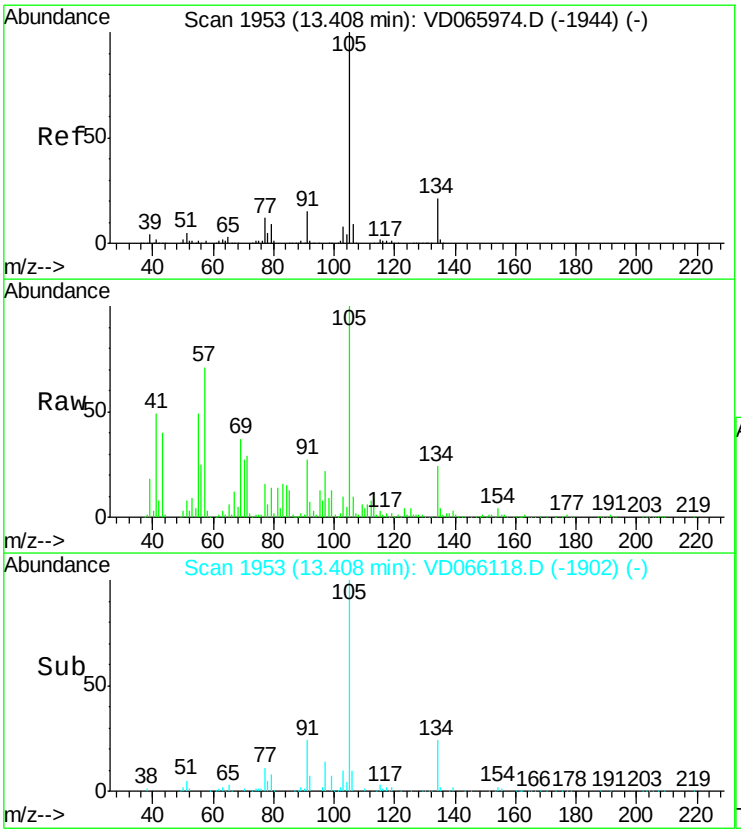
#84
1,2,4-Trimethylbenzene
Concen: 3.111 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066118.D
Acq: 30 Jul 2020 18:21

Instrument :
MSVOA_D
ClientSampleId :
ROLLOFF-72-12012RE

Tgt Ion:105 Resp: 33001

Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.9	71.8

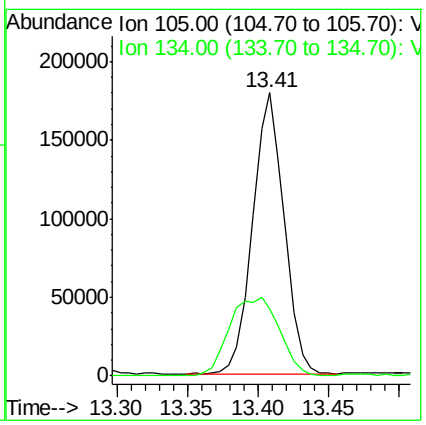


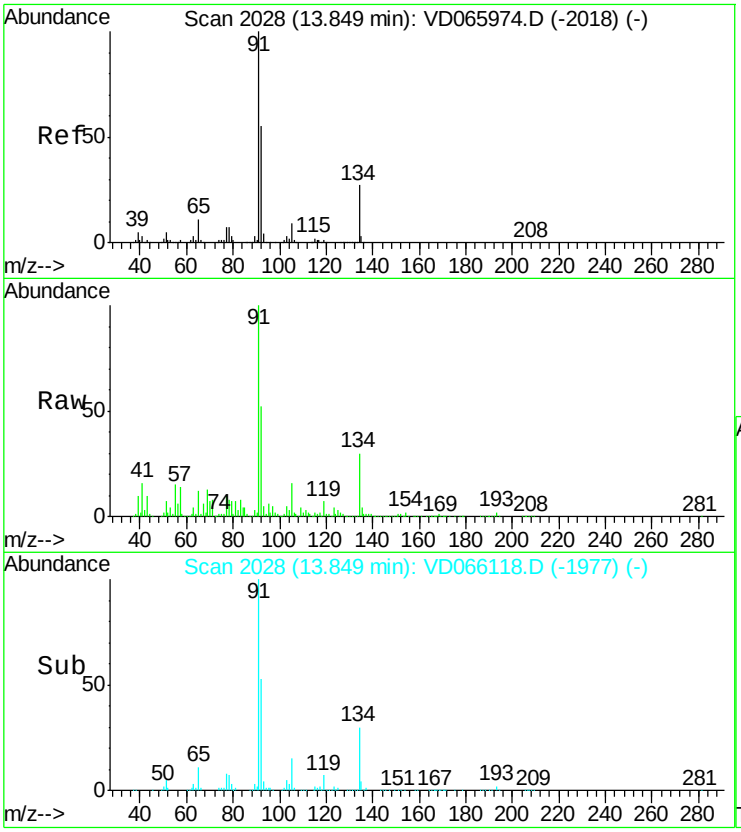


#85
sec-Butylbenzene
Concen: 21.568 ug/l
RT: 13.41 min Scan# 1953
Delta R.T. -0.00 min
Lab File: VD066118.D
Acq: 30 Jul 2020 18:21

Tgt Ion:105 Resp: 279525

Ion	Ratio	Lower	Upper
105	100		
134	43.8	10.4	31.4#





#89
n-Butylbenzene
Concen: 63.029 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD066118.D
Acq: 30 Jul 2020 18:21

Instrument :
MSVOA_D
ClientSampleId :
ROLLOFF-72-12012RE

Tgt Ion: 91 Resp: 690036

Ion	Ratio	Lower	Upper
91	100		
92	46.6	27.2	81.6
134	0.0	13.8	41.4#