Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041619\
Data File : VD061815.D
Acq On : 16 Apr 2019 17:03
Operator : VA/AP
Sample : K2358-10
Misc : 4.88g/5ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-7-S2

Quant Time: Apr 16 17:32:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 16 08:53:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	427452	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.23	114	692007	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.38	117	422925	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	98341	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	190451	53.16	ug/l	-0.03
Spiked Amount 50.000			Recovery = 106.32%			
35) Dibromofluoromethane	6.94	113	146672	28.05	ug/l	-0.03
Spiked Amount 50.000			Recovery = 56.10%			
50) Toluene-d8	10.42	98	537764	43.41	ug/l	-0.03
Spiked Amount 50.000			Recovery = 86.82%			
62) 4-Bromofluorobenzene	13.56	95	143102	28.50	ug/l	-0.02
Spiked Amount 50.000			Recovery = 57.00%			
Target Compounds						Qvalue
16) Acetone	3.23	43	54519	61.747	ug/l	99
17) Carbon Disulfide	3.40	76	53539	4.130	ug/l	98
18) Methyl Acetate	3.66	43	9816	5.547	ug/l #	88
20) Methylene Chloride	3.83	84	82086	15.542	ug/l	98
25) 2-Butanone	6.09	43	13150	13.082	ug/l #	83
52) Toluene	10.52	92	50616	5.818	ug/l	94
65) Chlorobenzene	12.41	112	10532	1.337	ug/l	100
69) o-Xylene	13.06	106	5748	1.291	ug/l	95
80) 1,3,5-Trimethylbenzene	13.93	105	30524	6.032	ug/l	98
84) 1,2,4-Trimethylbenzene	14.24	105	6743	1.326	ug/l	96
86) p-Isopropyltoluene	14.49	119	6284	1.093	ug/l	91

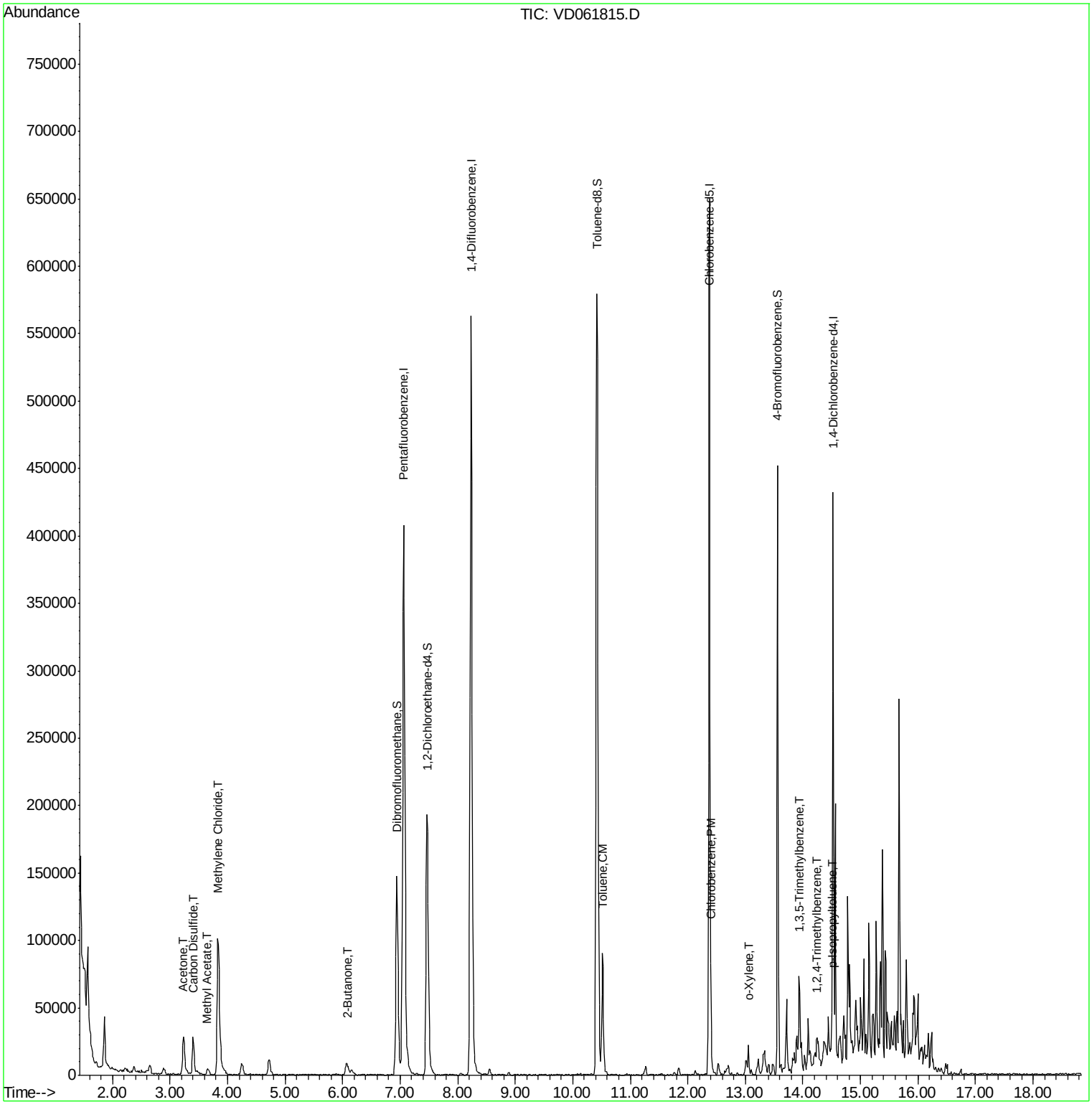
(#) = qualifier out of range (m) = manual integration (+) = signals summed

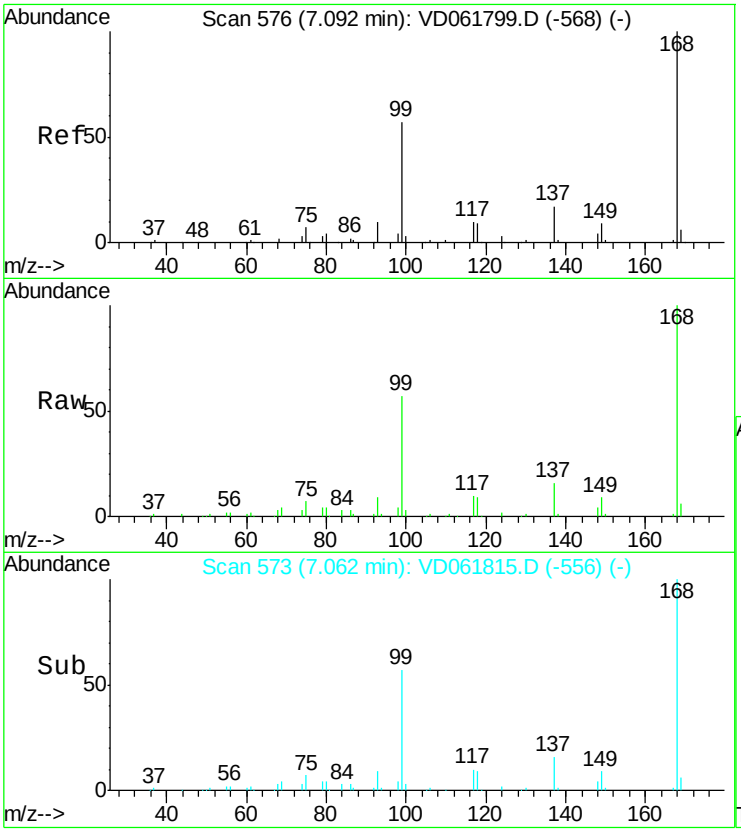
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041619\
Data File : VD061815.D
Acq On : 16 Apr 2019 17:03
Operator : VA/AP
Sample : K2358-10
Misc : 4.88g/5ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-7-S2

Quant Time: Apr 16 17:32:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 16 08:53:01 2019
Response via : Initial Calibration



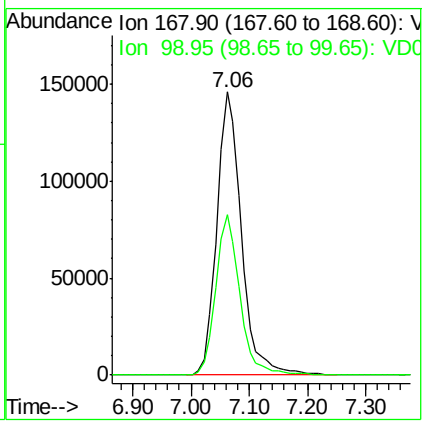


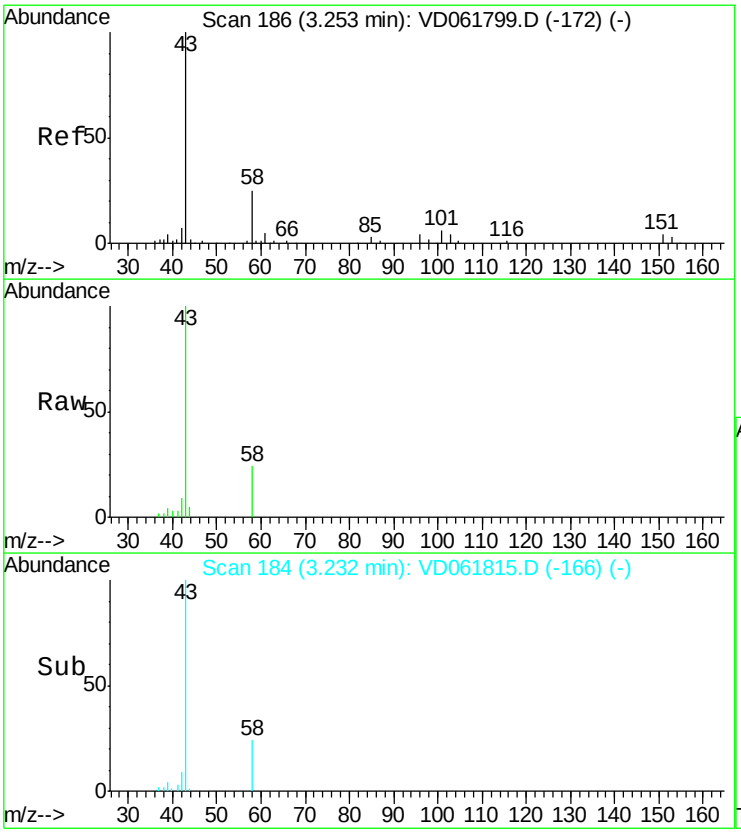
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 573
Delta R.T. -0.03 min
Lab File: VD061815.D
Acq: 16 Apr 2019 17:03

Instrument :
MSVOA_D
ClientSampleId :
TP-7-S2

Tgt Ion:168 Resp: 427452

Ion	Ratio	Lower	Upper
168	100		
99	56.6	46.5	69.7

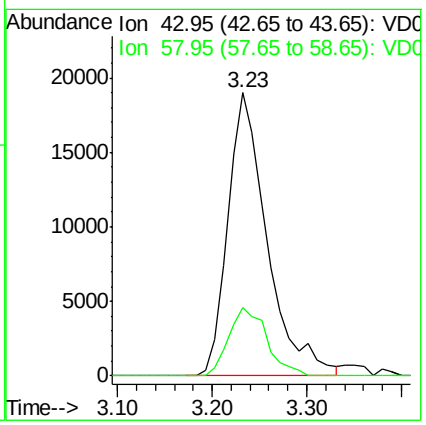


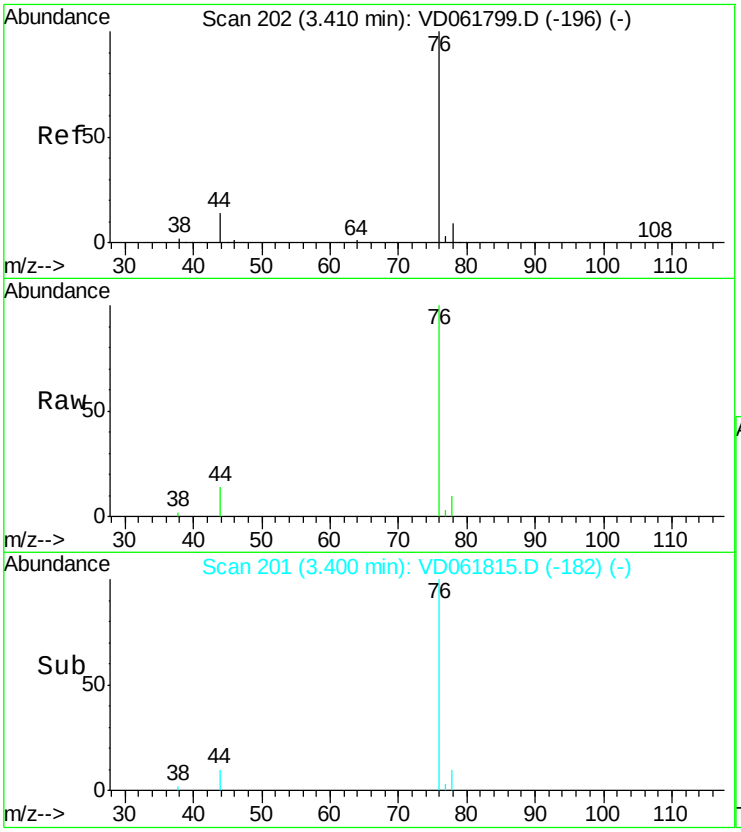


#16
Acetone
Concen: 61.747 ug/l
RT: 3.23 min Scan# 184
Delta R.T. -0.02 min
Lab File: VD061815.D
Acq: 16 Apr 2019 17:03

Tgt Ion: 43 Resp: 54519

Ion	Ratio	Lower	Upper
43	100		
58	24.4	19.9	29.9



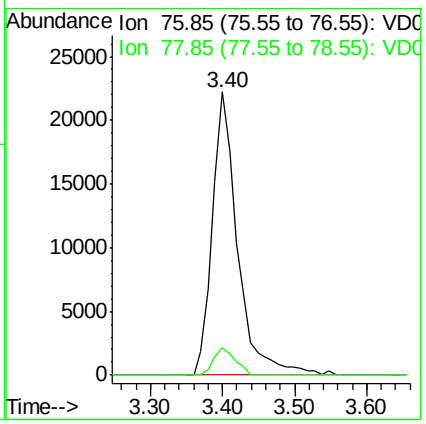


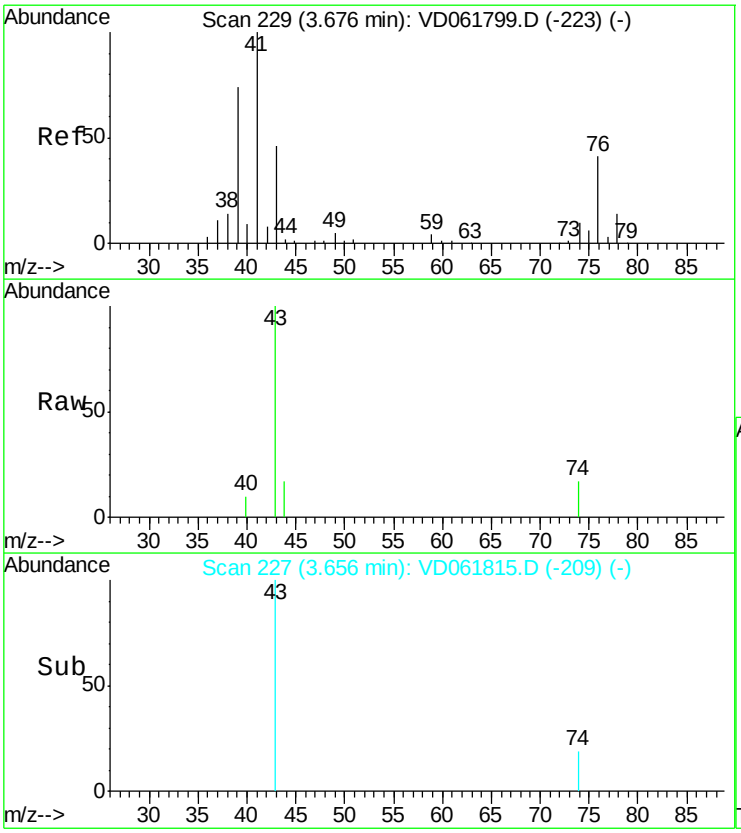
#17
Carbon Disulfide
Concen: 4.130 ug/l
RT: 3.40 min Scan# 201
Delta R.T. -0.01 min
Lab File: VD061815.D
Acq: 16 Apr 2019 17:03

Instrument : MSVOA_D
ClientSampleId : TP-7-S2

Tgt Ion: 76 Resp: 53539

Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.2	10.8

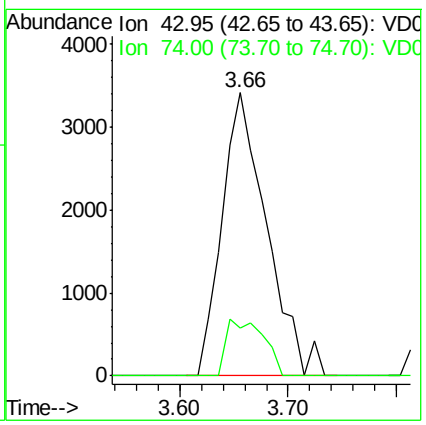


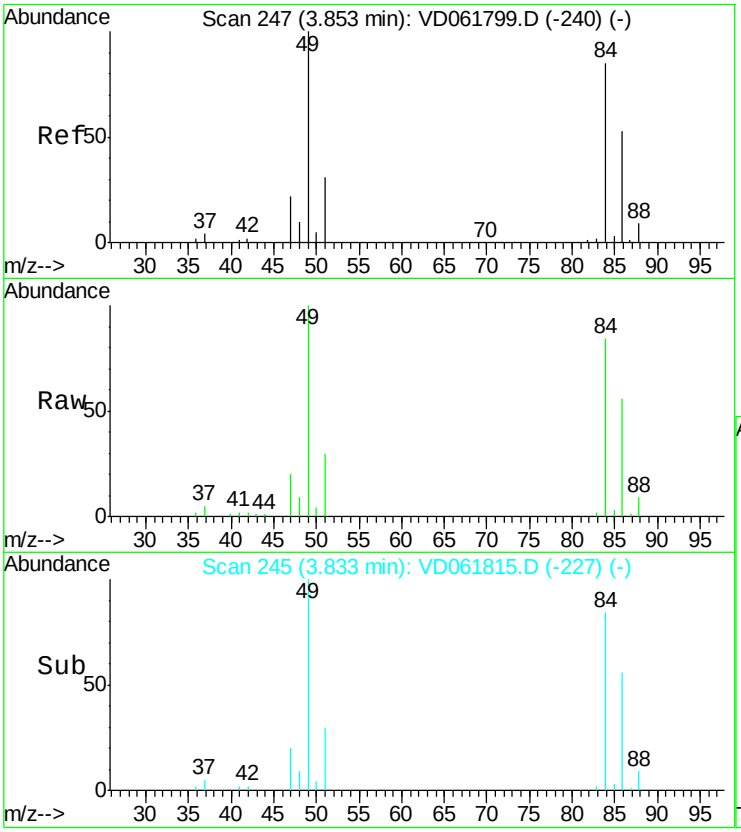


#18
Methyl Acetate
Concen: 5.547 ug/l
RT: 3.66 min Scan# 227
Delta R.T. -0.02 min
Lab File: VD061815.D
Acq: 16 Apr 2019 17:03

Tgt Ion: 43 Resp: 9816

Ion	Ratio	Lower	Upper
43	100		
74	16.7	18.0	27.0#



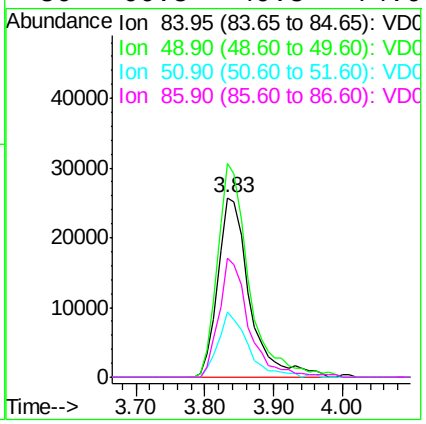


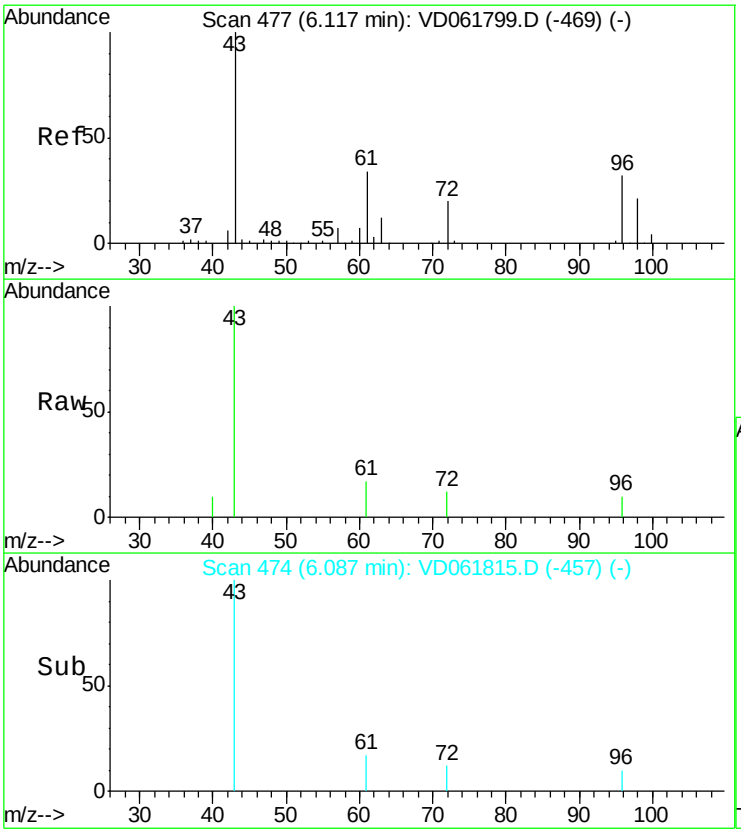
#20
Methylene Chloride
Concen: 15.542 ug/l
RT: 3.83 min Scan# 245
Delta R.T. -0.02 min
Lab File: VD061815.D
Acq: 16 Apr 2019 17:03

Instrument : MSVOA_D
ClientSampleId : TP-7-S2

Tgt Ion: 84 Resp: 82086

Ion	Ratio	Lower	Upper
84	100		
49	119.1	94.0	141.0
51	36.1	29.0	43.4
86	66.3	49.8	74.6

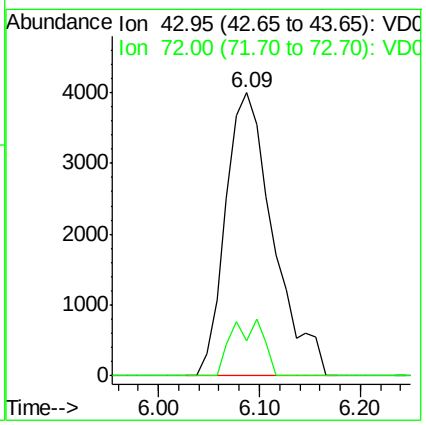


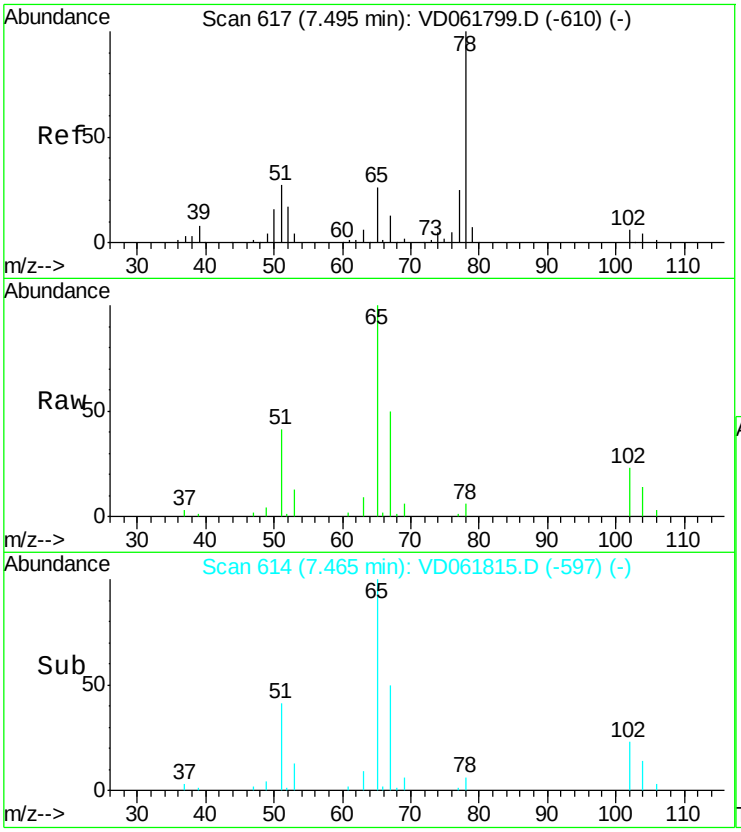


#25
2-Butanone
Concen: 13.082 ug/l
RT: 6.09 min Scan# 474
Delta R.T. -0.03 min
Lab File: VD061815.D
Acq: 16 Apr 2019 17:03

Tgt Ion: 43 Resp: 13150

Ion	Ratio	Lower	Upper
43	100		
72	12.3	16.2	24.4#



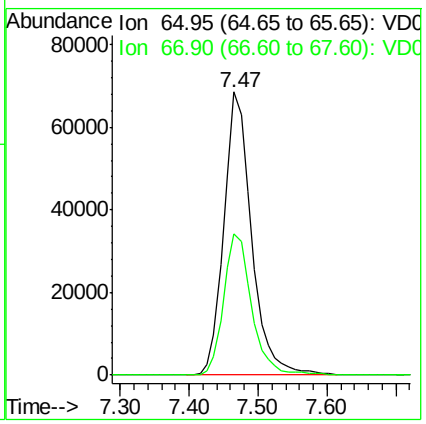


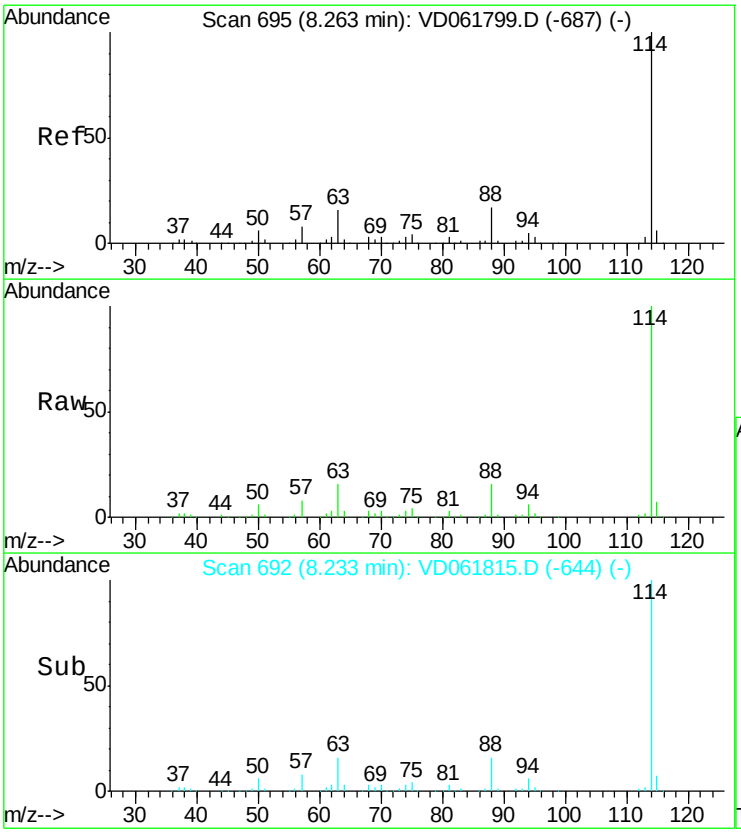
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.47 min Scan# 614
Delta R.T. -0.03 min
Lab File: VD061815.D
Acq: 16 Apr 2019 17:03

Instrument :
MSVOA_D
ClientSampleId :
TP-7-S2

Tgt Ion: 65 Resp: 190451

Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	98.0

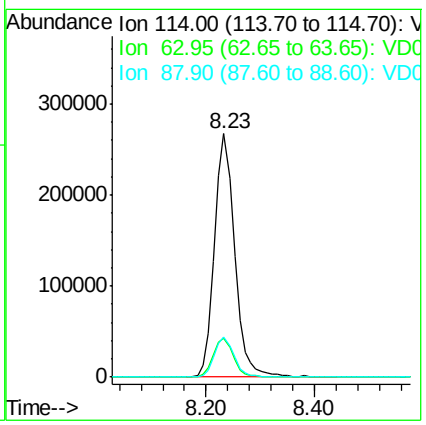


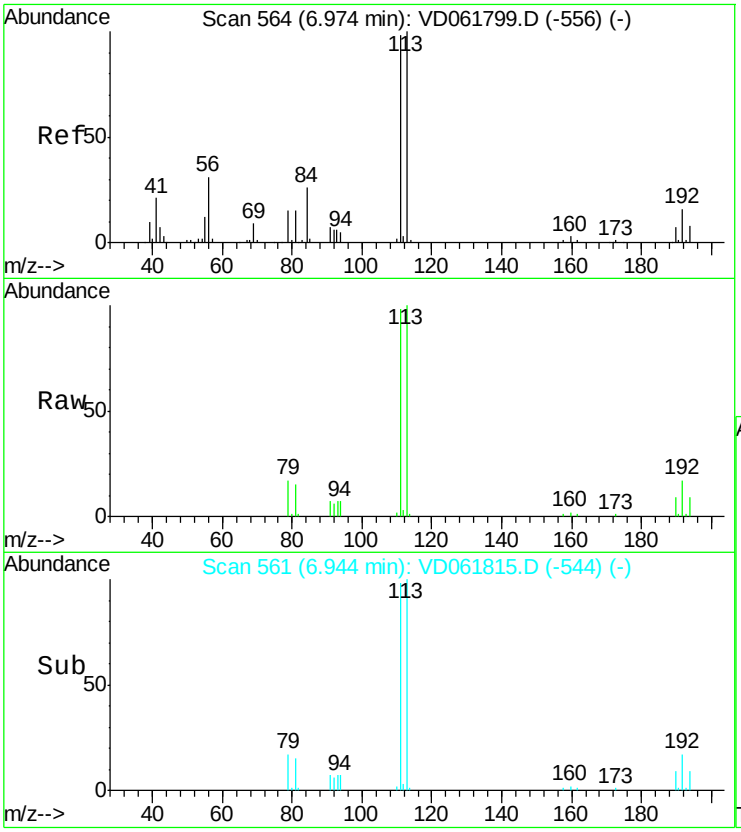


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 692
Delta R.T. -0.03 min
Lab File: VD061815.D
Acq: 16 Apr 2019 17:03

Tgt Ion:114 Resp: 692007

Ion	Ratio	Lower	Upper
114	100		
63	16.1	0.0	32.4
88	16.3	0.0	33.6



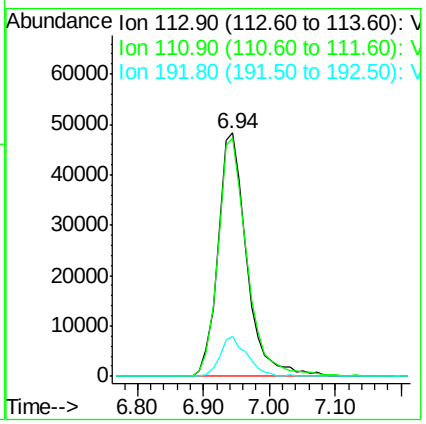


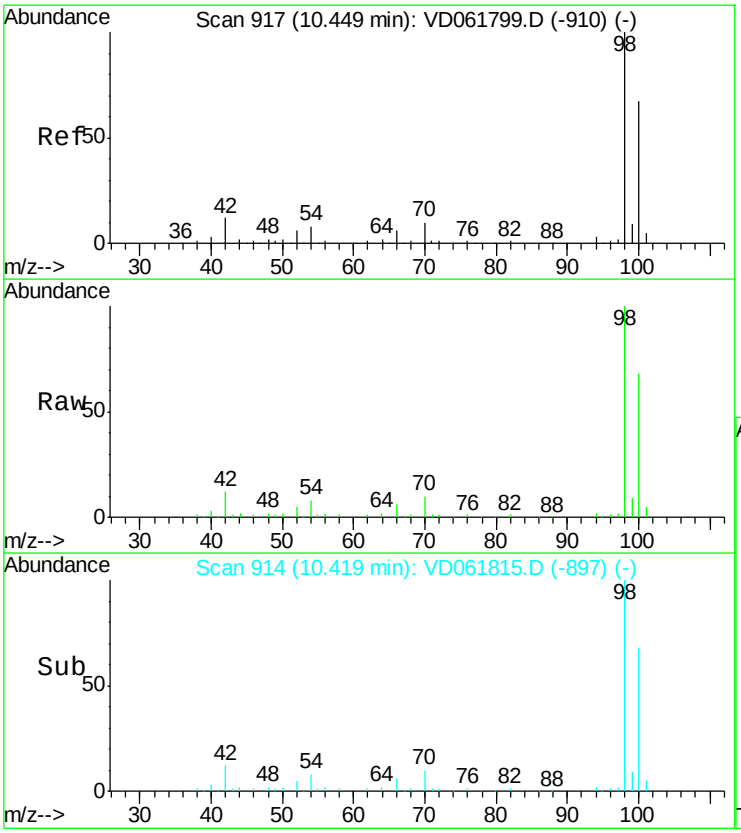
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.94 min Scan# 561
Delta R.T. -0.03 min
Lab File: VD061815.D
Acq: 16 Apr 2019 17:03

Instrument :
MSVOA_D
ClientSampleId :
TP-7-S2

Tgt Ion:113 Resp: 146672

Ion	Ratio	Lower	Upper
113	100		
111	97.8	78.5	117.7
192	16.6	13.0	19.4

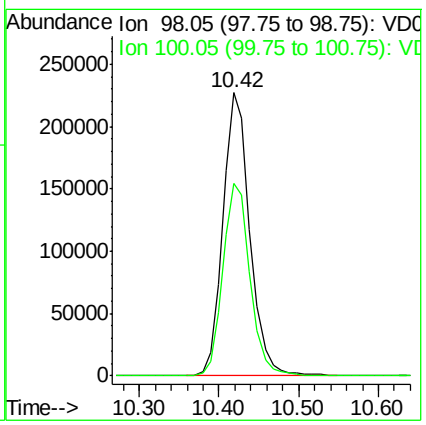


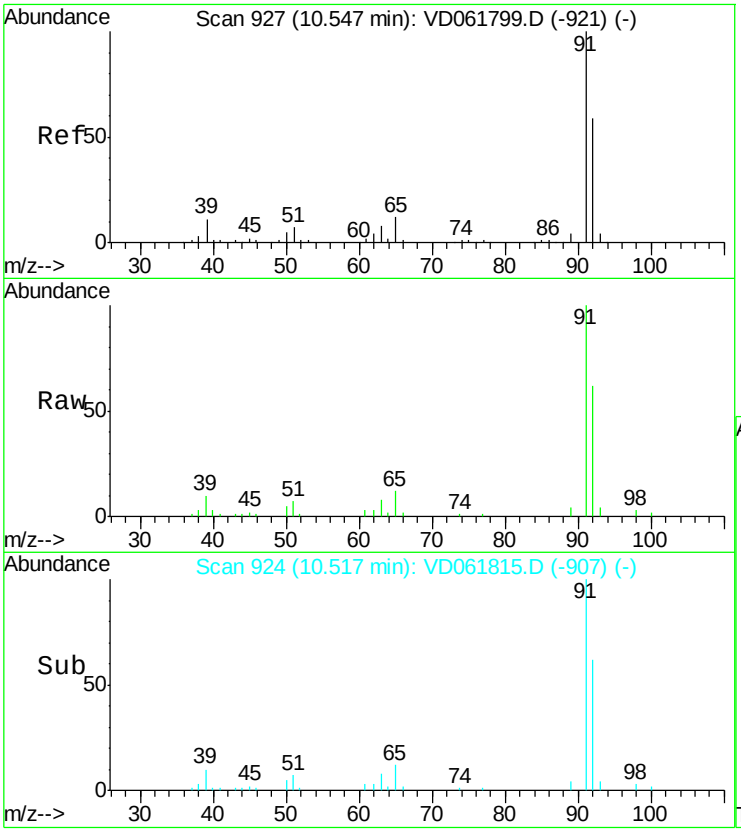


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. -0.03 min
Lab File: VD061815.D
Acq: 16 Apr 2019 17:03

Tgt Ion: 98 Resp: 537764

Ion	Ratio	Lower	Upper
98	100		
100	67.8	53.8	80.8



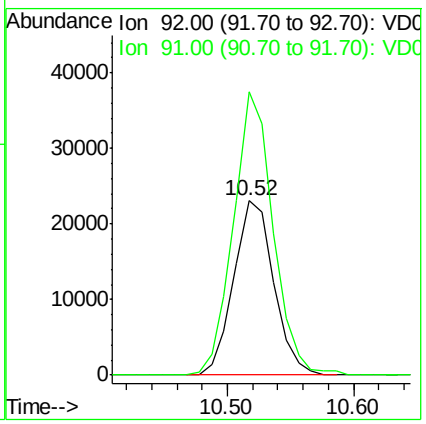


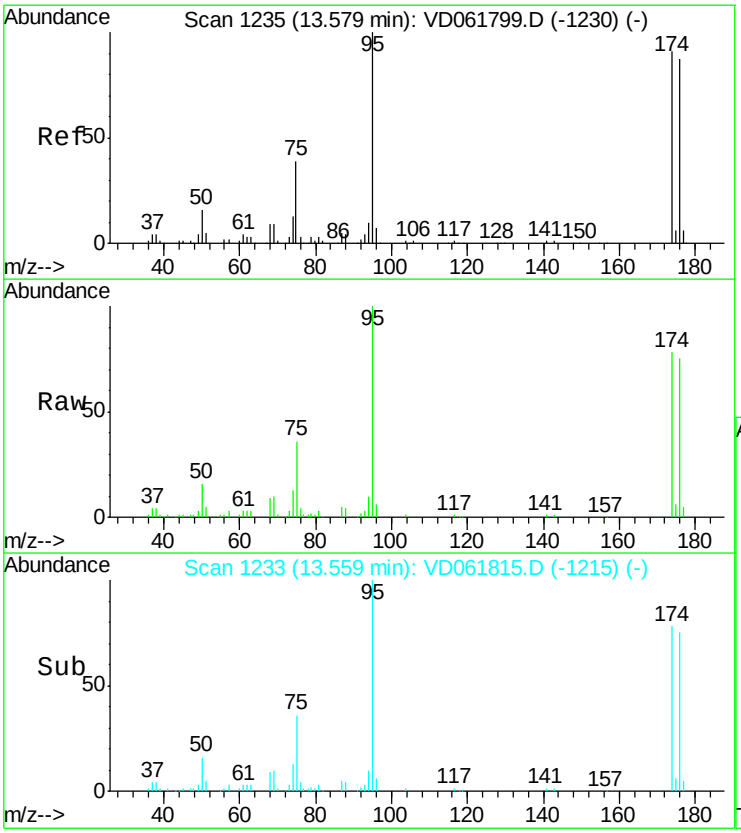
#52
Toluene
Concen: 5.818 ug/l
RT: 10.52 min Scan# 924
Delta R.T. -0.03 min
Lab File: VD061815.D
Acq: 16 Apr 2019 17:03

Instrument :
MSVOA_D
ClientSampleId :
TP-7-S2

Tgt Ion: 92 Resp: 50616

Ion	Ratio	Lower	Upper
92	100		
91	162.3	136.6	204.8

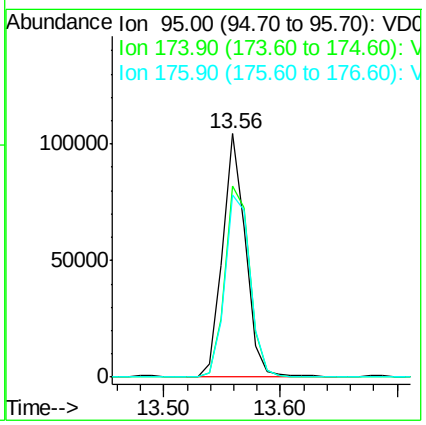


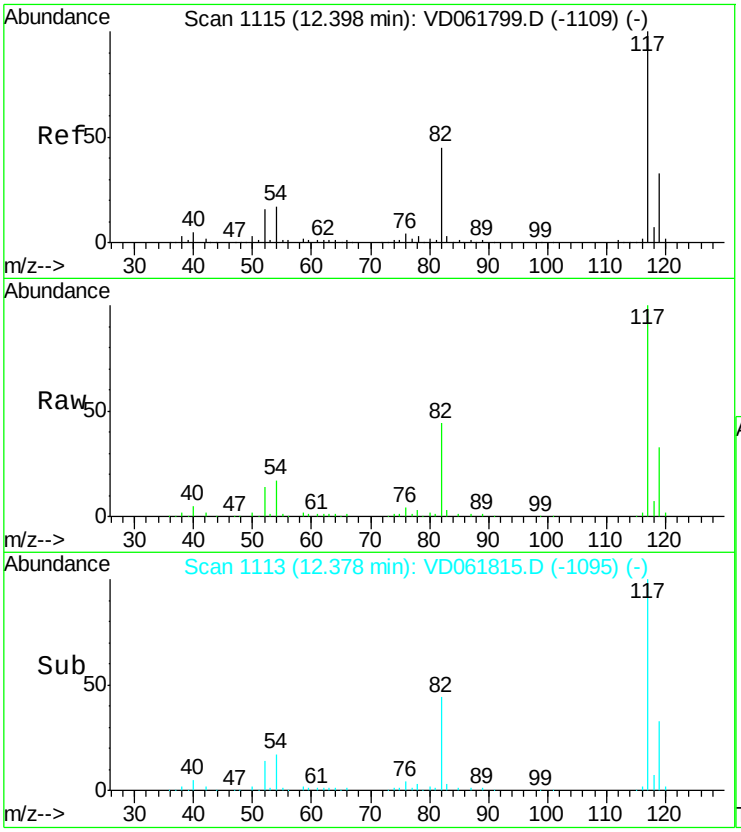


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.02 min
Lab File: VD061815.D
Acq: 16 Apr 2019 17:03

Tgt Ion: 95 Resp: 143102

Ion	Ratio	Lower	Upper
95	100		
174	78.4	0.0	181.8
176	74.8	0.0	174.4



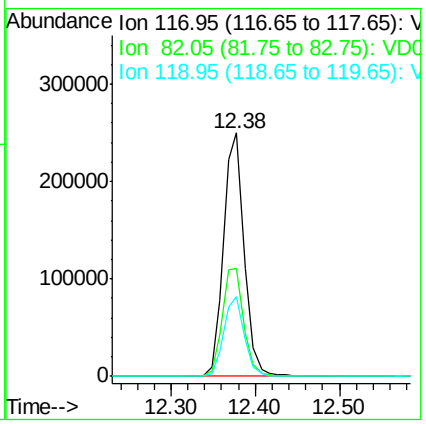


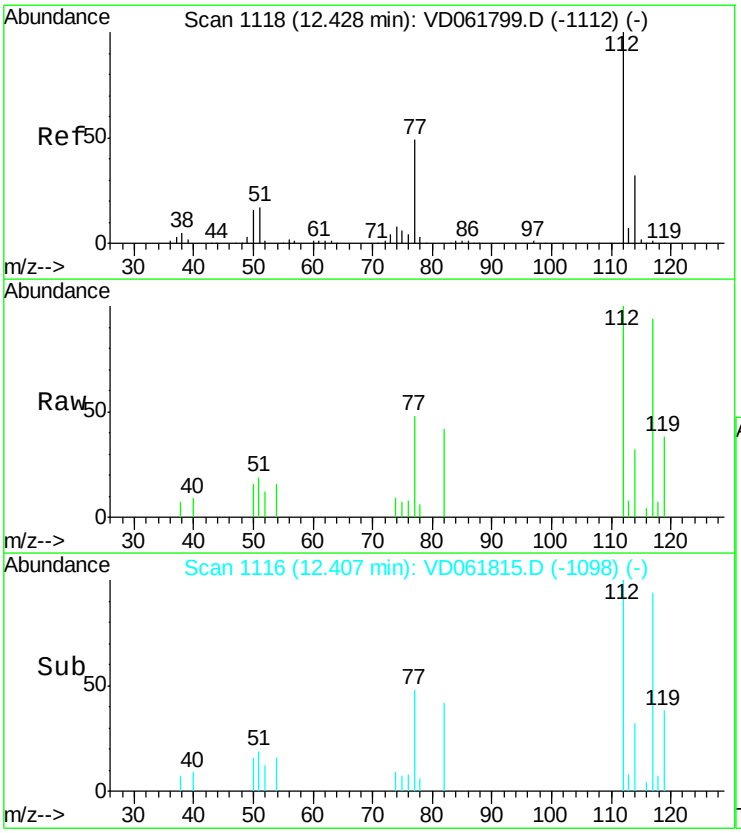
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. -0.02 min
Lab File: VD061815.D
Acq: 16 Apr 2019 17:03

Instrument : MSVOA_D
ClientSampleId : TP-7-S2

Tgt Ion:117 Resp: 422925

Ion	Ratio	Lower	Upper
117	100		
82	44.3	36.2	54.2
119	33.0	26.2	39.4

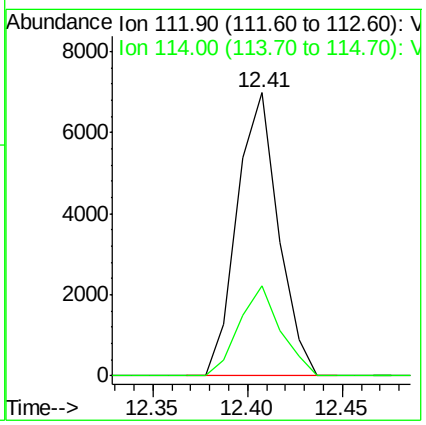


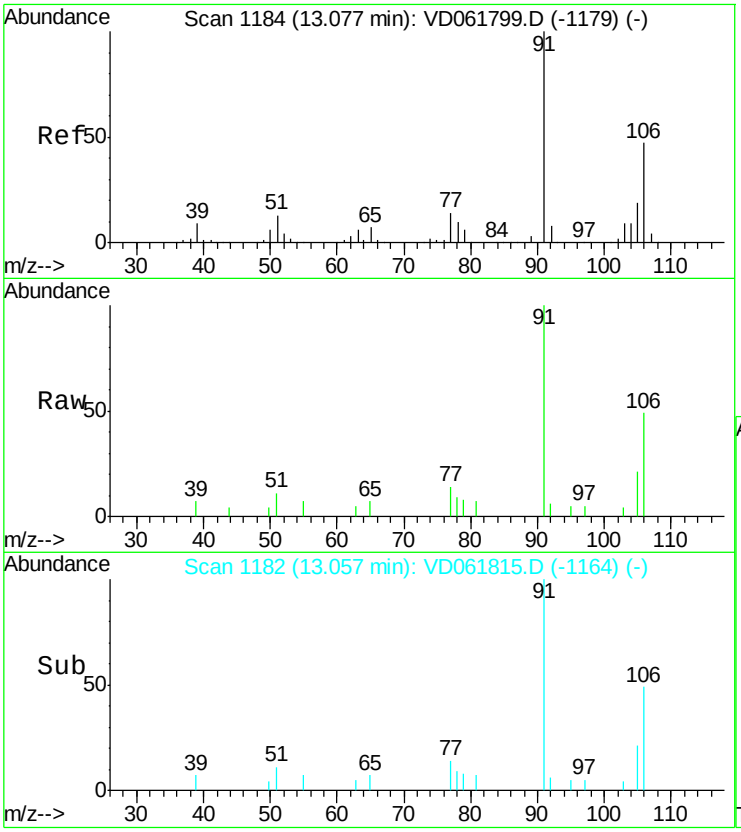


#65
Chlorobenzene
Concen: 1.337 ug/l
RT: 12.41 min Scan# 1116
Delta R.T. -0.02 min
Lab File: VD061815.D
Acq: 16 Apr 2019 17:03

Tgt Ion:112 Resp: 10532

Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.8	38.8



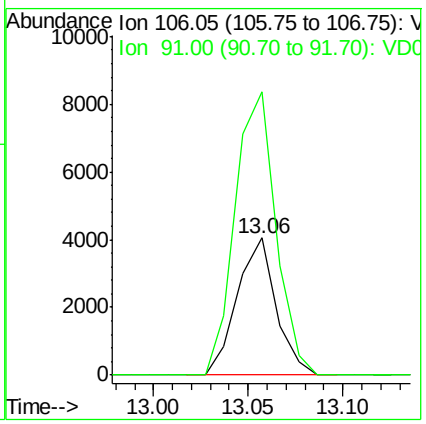


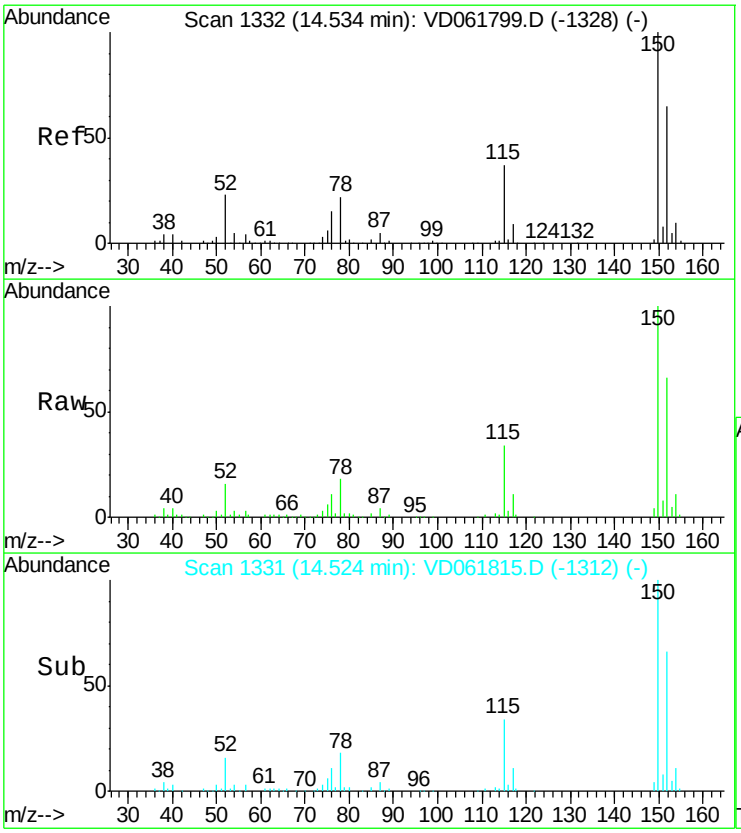
#69
o-Xylene
Concen: 1.291 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. -0.02 min
Lab File: VD061815.D
Acq: 16 Apr 2019 17:03

Instrument :
MSVOA_D
ClientSampleId :
TP-7-S2

Tgt Ion:106 Resp: 5748

Ion	Ratio	Lower	Upper
106	100		
91	206.1	106.7	319.9

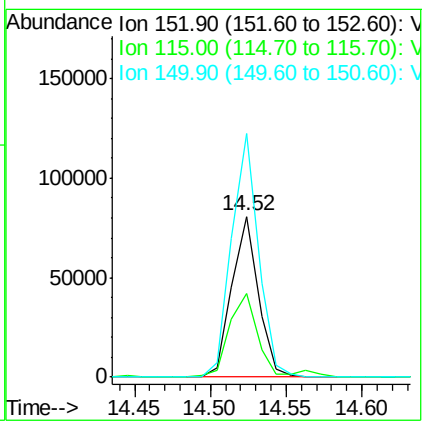


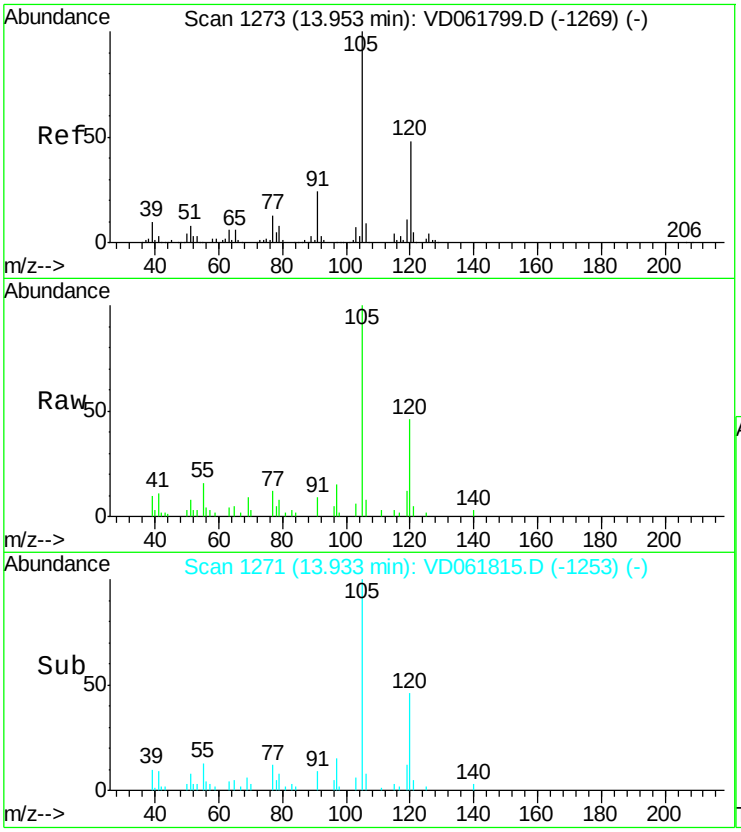


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. -0.01 min
Lab File: VD061815.D
Acq: 16 Apr 2019 17:03

Tgt Ion:152 Resp: 98341

Ion	Ratio	Lower	Upper
152	100		
115	52.2	30.9	92.7
150	151.6	0.0	314.8



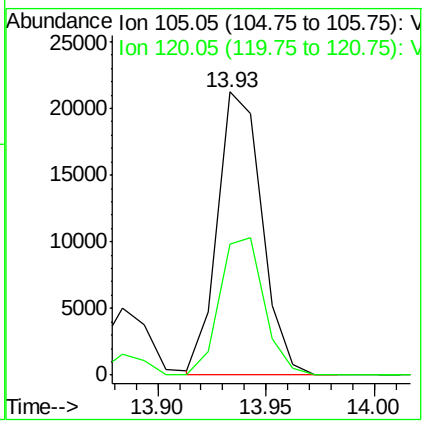


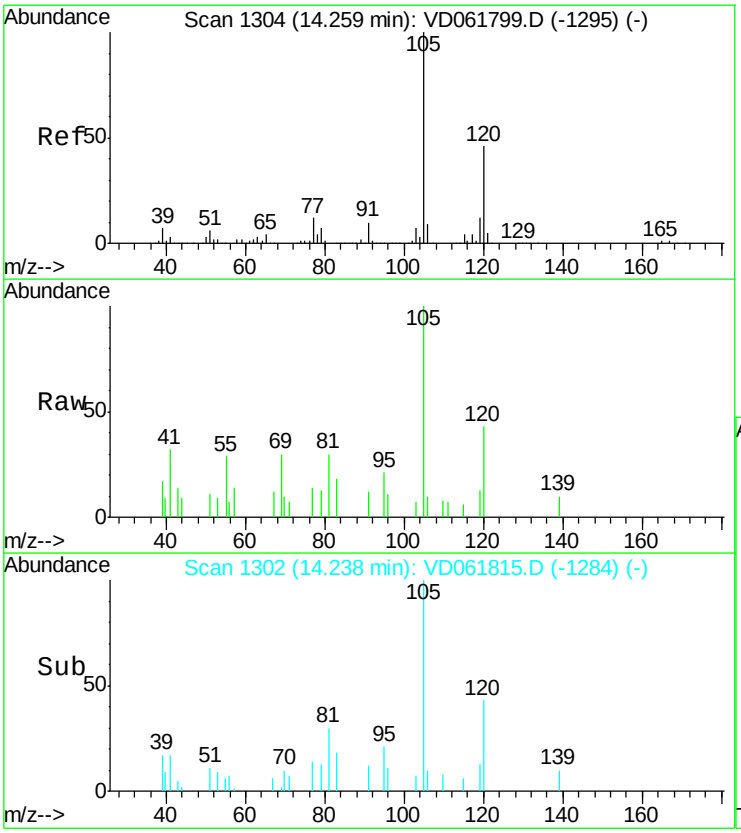
#80
1,3,5-Trimethylbenzene
Concen: 6.032 ug/l
RT: 13.93 min Scan# 1271
Delta R.T. -0.02 min
Lab File: VD061815.D
Acq: 16 Apr 2019 17:03

Instrument :
MSVOA_D
ClientSampleId :
TP-7-S2

Tgt Ion:105 Resp: 30524

Ion	Ratio	Lower	Upper
105	100		
120	46.5	24.0	72.0

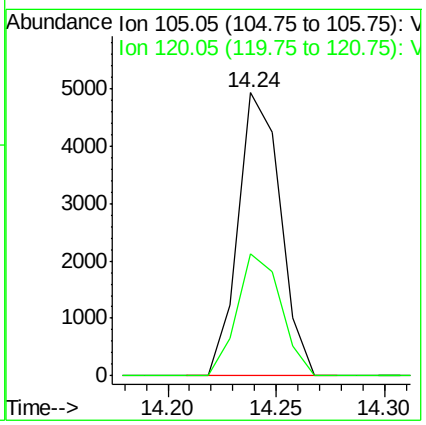


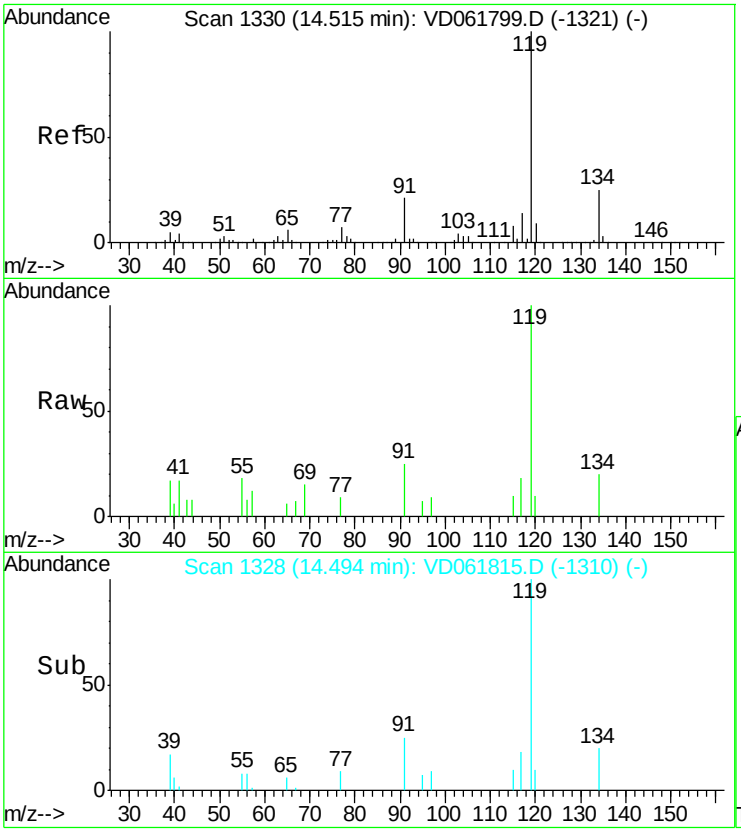


#84
1,2,4-Trimethylbenzene
Concen: 1.326 ug/l
RT: 14.24 min Scan# 1302
Delta R.T. -0.02 min
Lab File: VD061815.D
Acq: 16 Apr 2019 17:03

Tgt Ion:105 Resp: 6743

Ion	Ratio	Lower	Upper
105	100		
120	43.3	23.1	69.2





#86
p-Isopropyltoluene
Concen: 1.093 ug/l
RT: 14.49 min Scan# 1328
Delta R.T. -0.02 min
Lab File: VD061815.D
Acq: 16 Apr 2019 17:03

Instrument :
MSVOA_D
ClientSampleId :
TP-7-S2

Tgt Ion:119 Resp: 6284

Ion	Ratio	Lower	Upper
119	100		
134	20.5	12.8	38.3
91	24.8	10.7	32.1