Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041719\
Data File : VD061861.D
Acq On : 17 Apr 2019 19:11
Operator : VA/AP
Sample : K2358-10RE
Misc : 4.99g/5ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-7-S2RE

Quant Time: Apr 18 01:20:52 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	7.04	168	360581	50.00	ug/l	-0.06
34) 1,4-Difluorobenzene	8.21	114	581233	50.00	ug/l	-0.06
63) Chlorobenzene-d5	12.36	117	442293	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	14.51	152	140589	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	139638	46.21	ug/l	-0.06
Spiked Amount 50.000			Recovery = 92.42%			
35) Dibromofluoromethane	6.91	113	125029	28.47	ug/l	-0.07
Spiked Amount 50.000			Recovery = 56.94%			
50) Toluene-d8	10.40	98	431708	41.49	ug/l	-0.05
Spiked Amount 50.000			Recovery = 82.98%			
62) 4-Bromofluorobenzene	13.54	95	142295	33.74	ug/l	-0.04
Spiked Amount 50.000			Recovery = 67.48%			
Target Compounds						Qvalue
16) Acetone	3.21	43	42345	56.853	ug/l	97
17) Carbon Disulfide	3.37	76	27108	2.479	ug/l #	92
20) Methylene Chloride	3.81	84	50105	9.850	ug/l	94
25) 2-Butanone	6.05	43	6495	7.660	ug/l	96
40) Benzene	7.45	78	12311	1.080	ug/l	95
52) Toluene	10.50	92	62957	8.616	ug/l	94
69) o-Xylene	13.04	106	5446	1.169	ug/l	88
80) 1,3,5-Trimethylbenzene	13.93	105	34766	4.806	ug/l	95
84) 1,2,4-Trimethylbenzene	14.23	105	44391	6.104	ug/l	99
95) Naphthalene	16.12	128	11286	3.540	ug/l	97

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

Quantitation Report (QT Reviewed)

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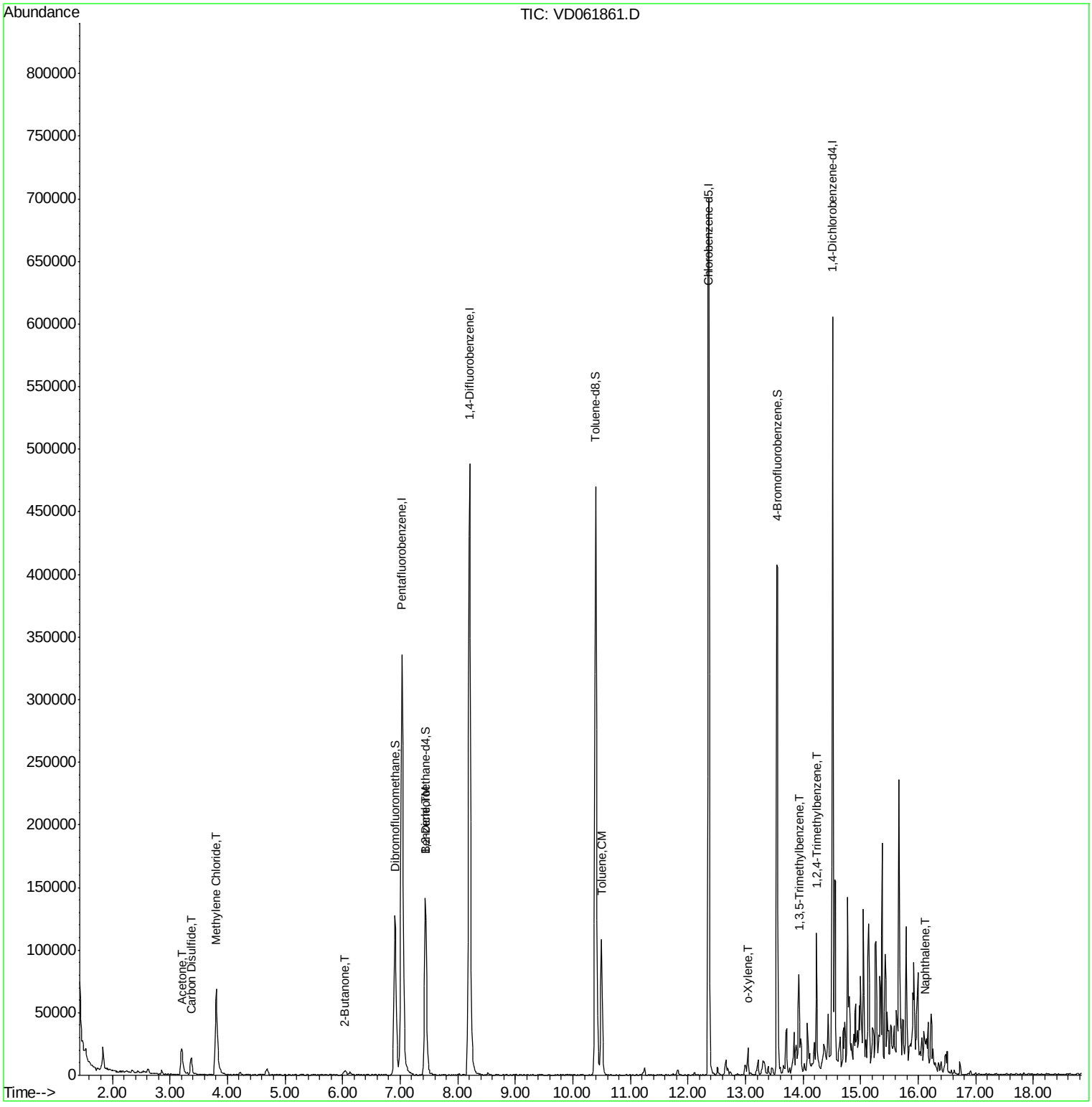
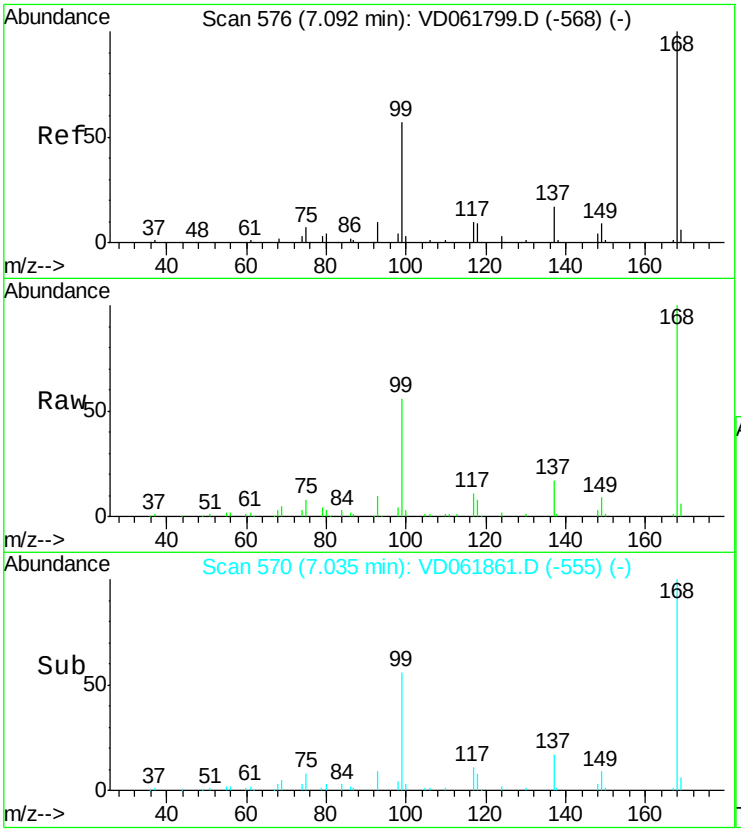
Data File : VD061861.D
Acq On : 17 Apr 2019 19:11
Operator : VA/AP
Sample : K2358-10RE
Misc : 4.99g/5ml/MSVOA D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-7-S2RE

Quant Time: Apr 18 01:20:52 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



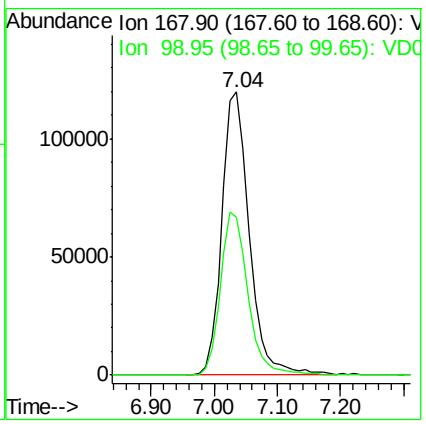


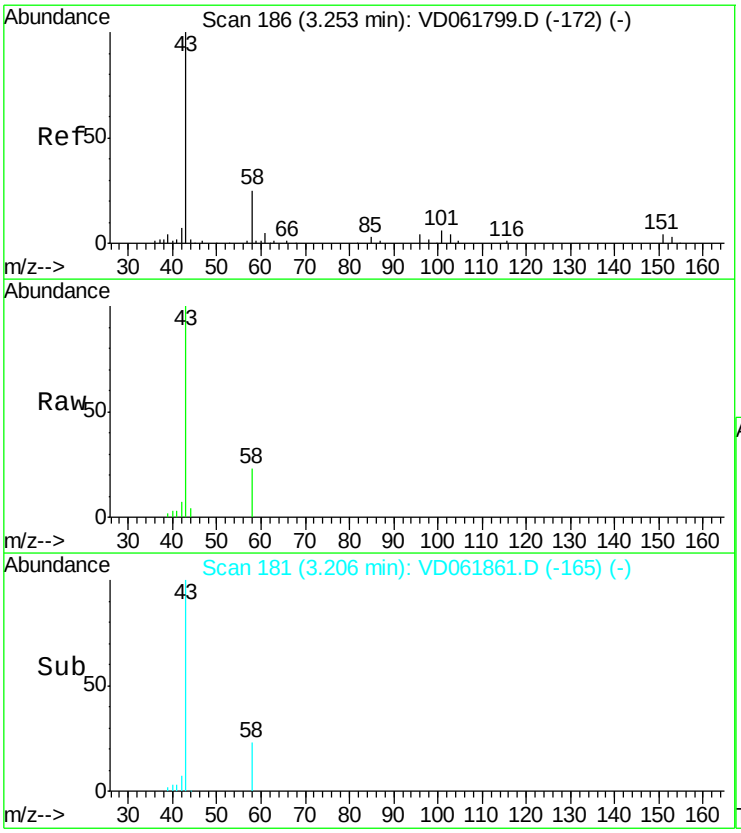
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.06 min
Lab File: VD061861.D
Acq: 17 Apr 2019 19:11

Instrument :
MSVOA_D
ClientSampleId :
TP-7-S2RE

Tgt Ion:168 Resp: 360581

Ion	Ratio	Lower	Upper
168	100		
99	55.7	46.5	69.7

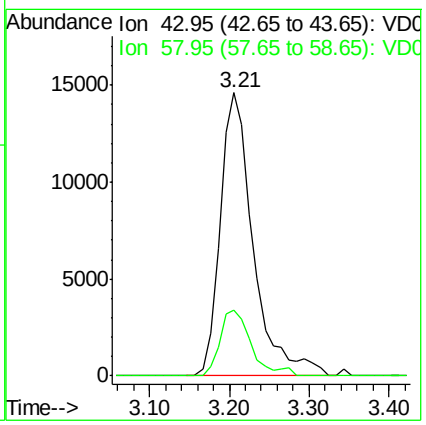


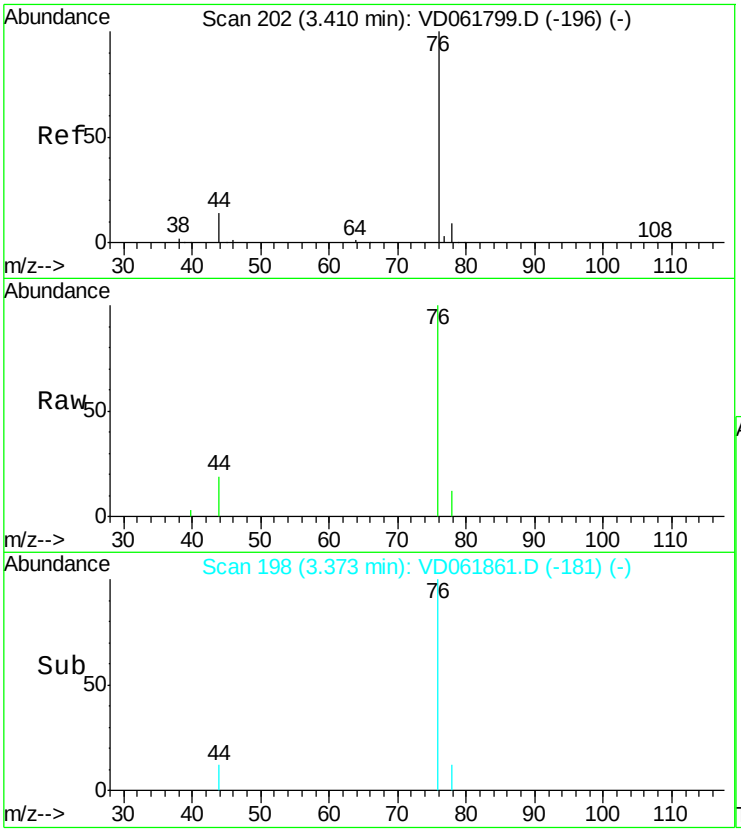


#16
Acetone
Concen: 56.853 ug/l
RT: 3.21 min Scan# 181
Delta R.T. -0.05 min
Lab File: VD061861.D
Acq: 17 Apr 2019 19:11

Tgt Ion: 43 Resp: 42345

Ion	Ratio	Lower	Upper
43	100		
58	23.4	19.9	29.9



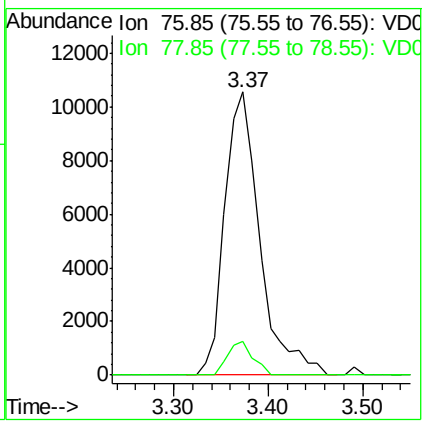


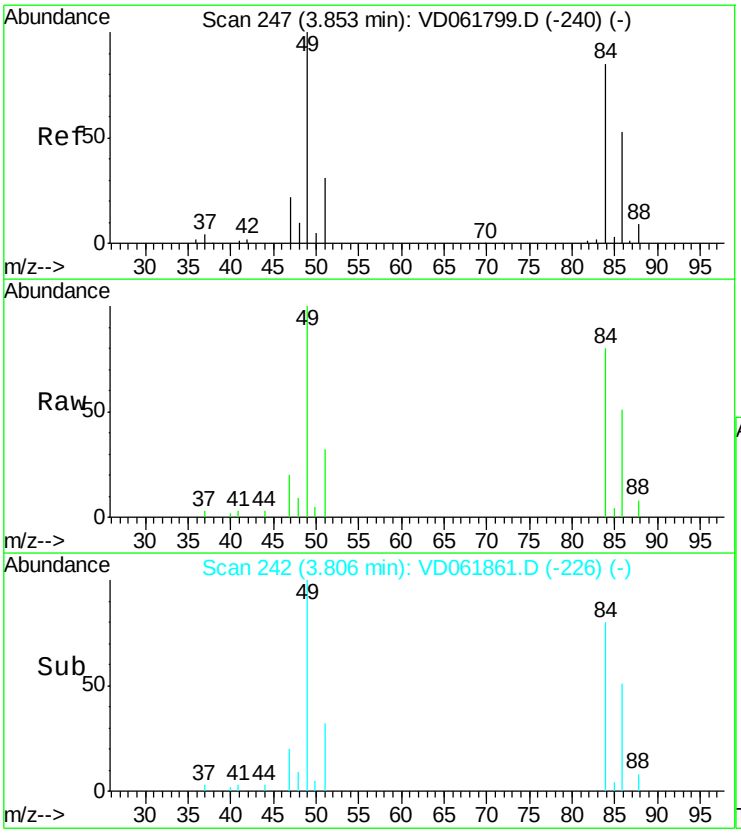
#17
Carbon Disulfide
Concen: 2.479 ug/l
RT: 3.37 min Scan# 198
Delta R.T. -0.04 min
Lab File: VD061861.D
Acq: 17 Apr 2019 19:11

Instrument : MSVOA_D
ClientSampleId : TP-7-S2RE

Tgt Ion: 76 Resp: 27108

Ion	Ratio	Lower	Upper
76	100		
78	11.8	7.2	10.8#

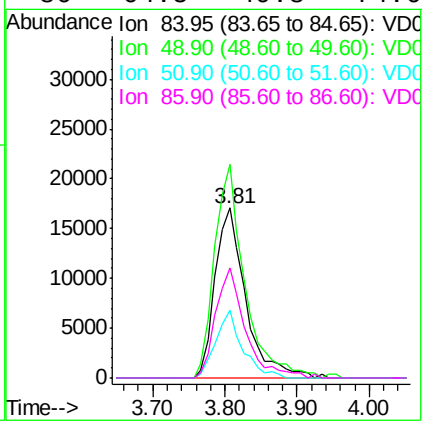


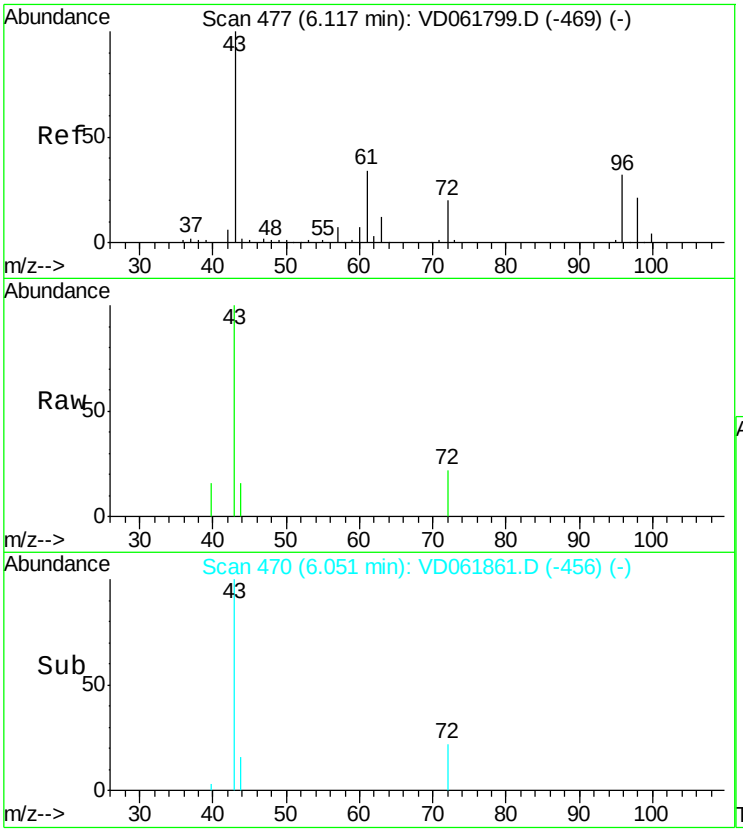


#20
Methylene Chloride
Concen: 9.850 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.05 min
Lab File: VD061861.D
Acq: 17 Apr 2019 19:11

Tgt Ion: 84 Resp: 50105

Ion	Ratio	Lower	Upper
84	100		
49	125.6	94.0	141.0
51	40.1	29.0	43.4
86	64.5	49.8	74.6



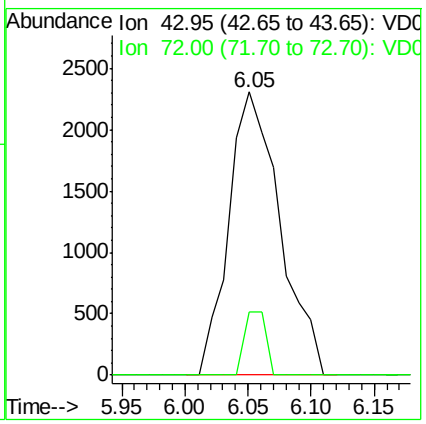


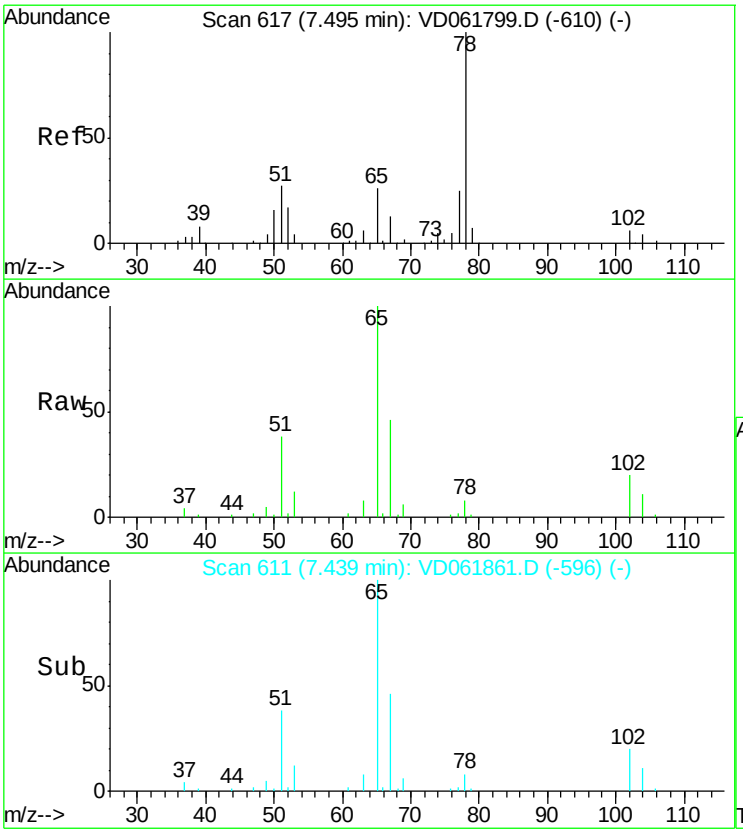
#25
2-Butanone
Concen: 7.660 ug/l
RT: 6.05 min Scan# 470
Delta R.T. -0.07 min
Lab File: VD061861.D
Acq: 17 Apr 2019 19:11

Instrument :
MSVOA_D
ClientSampleId :
TP-7-S2RE

Tgt Ion: 43 Resp: 6495

Ion	Ratio	Lower	Upper
43	100		
72	22.3	16.2	24.4

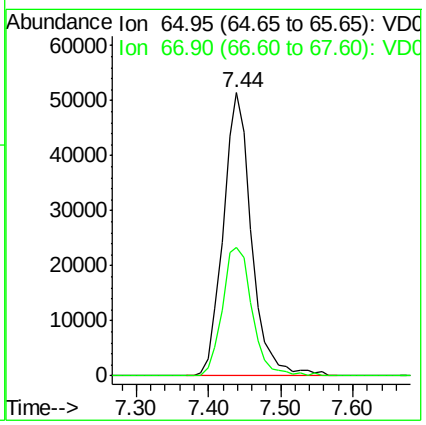


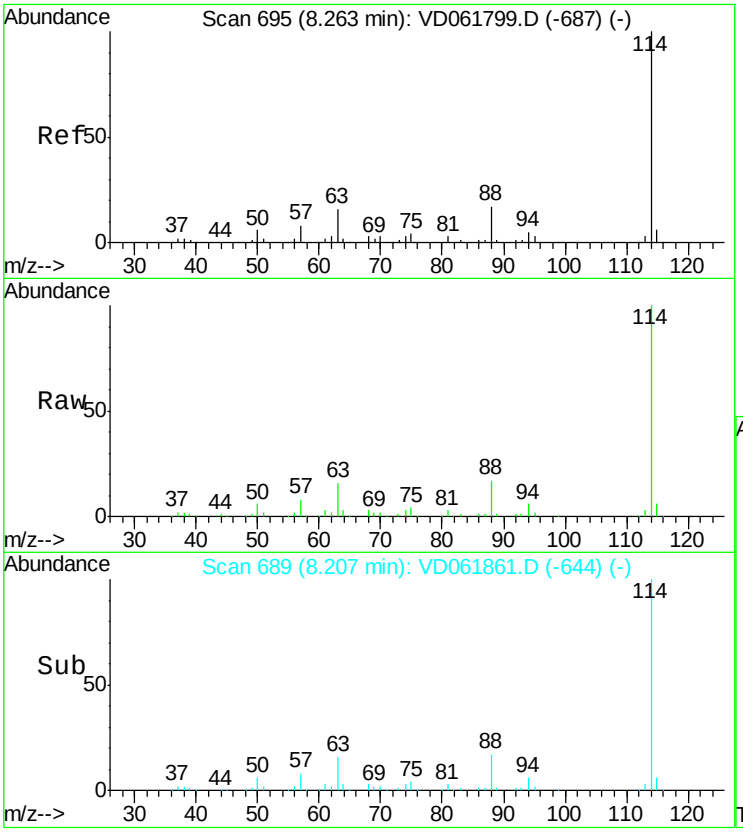


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.06 min
Lab File: VD061861.D
Acq: 17 Apr 2019 19:11

Tgt Ion: 65 Resp: 139638

Ion	Ratio	Lower	Upper
65	100		
67	45.5	0.0	98.0



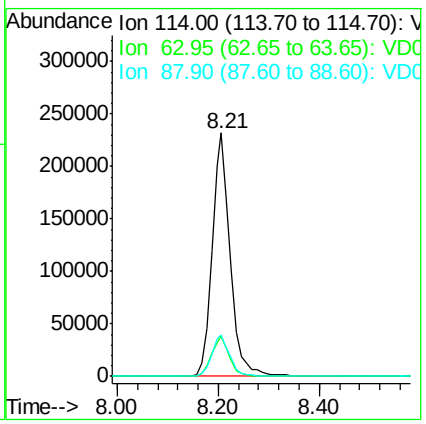


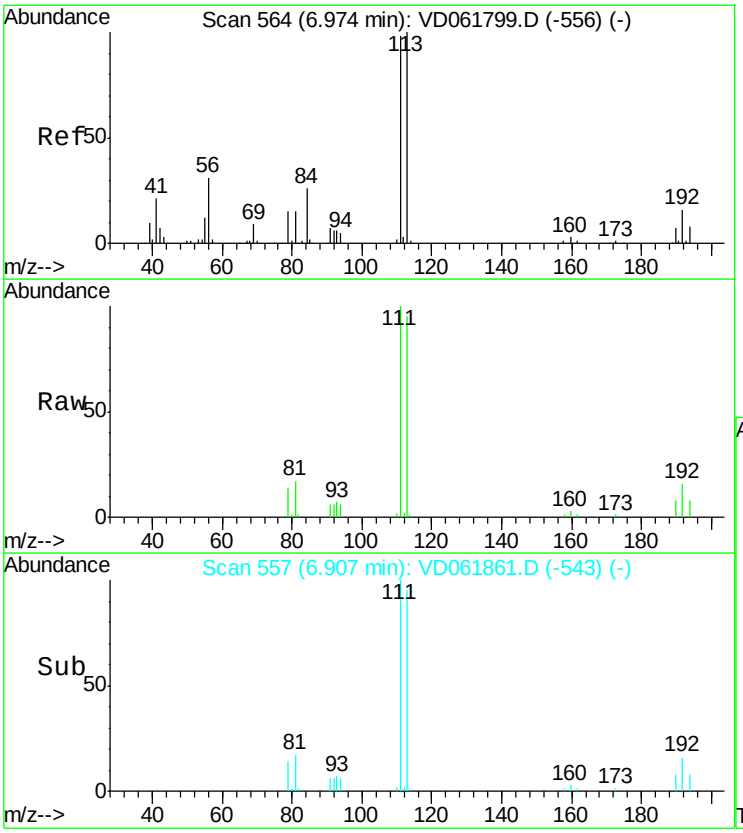
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.21 min Scan# 689
Delta R.T. -0.06 min
Lab File: VD061861.D
Acq: 17 Apr 2019 19:11

Instrument :
MSVOA_D
ClientSampleId :
TP-7-S2RE

Tgt Ion:114 Resp: 581233

Ion	Ratio	Lower	Upper
114	100		
63	16.3	0.0	32.4
88	17.1	0.0	33.6

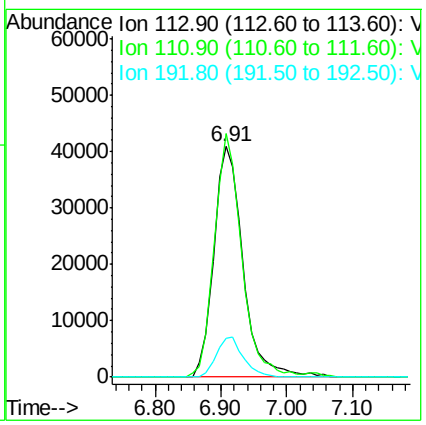


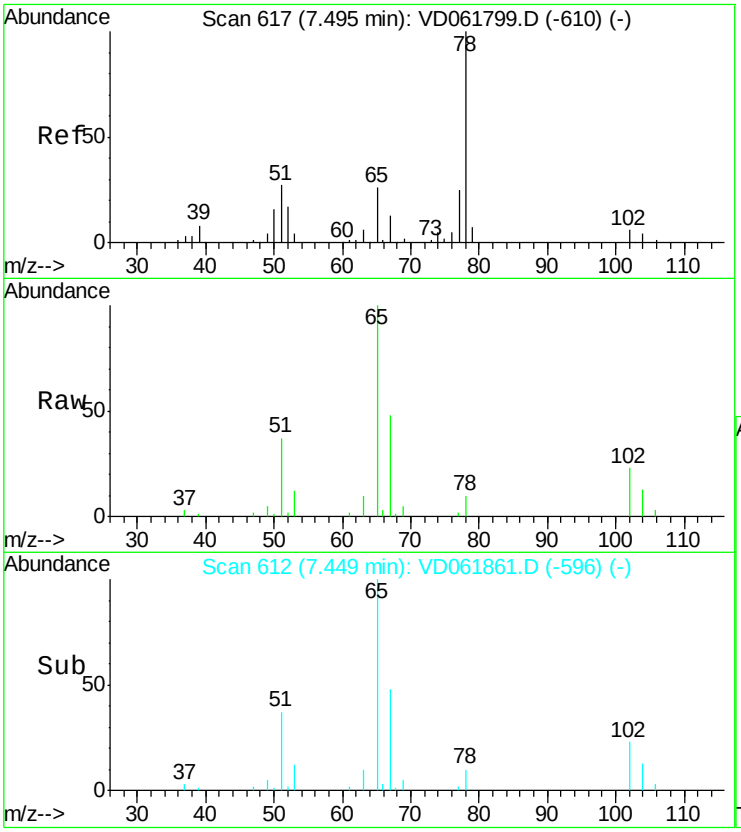


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.91 min Scan# 557
Delta R.T. -0.07 min
Lab File: VD061861.D
Acq: 17 Apr 2019 19:11

Tgt Ion:113 Resp: 125029

Ion	Ratio	Lower	Upper
113	100		
111	105.7	78.5	117.7
192	16.9	13.0	19.4



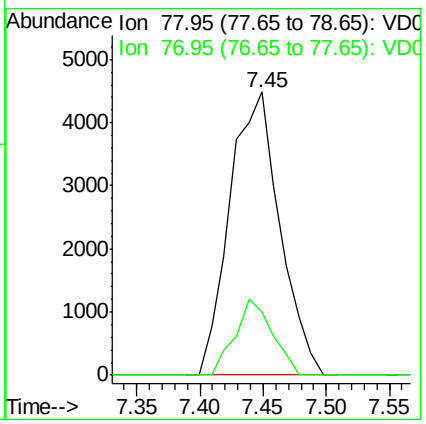


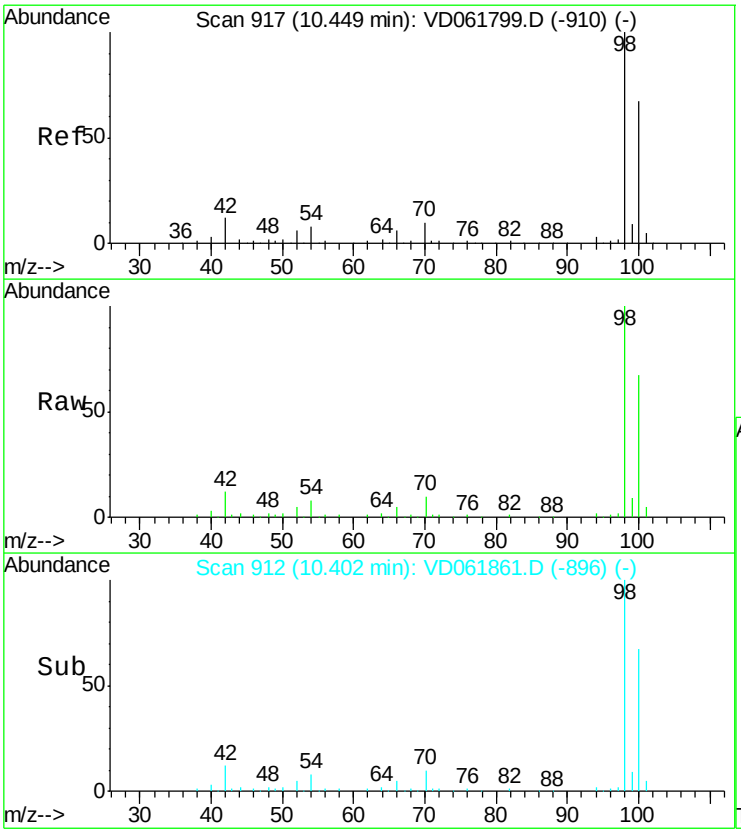
#40
Benzene
Concen: 1.080 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.05 min
Lab File: VD061861.D
Acq: 17 Apr 2019 19:11

Instrument :
MSVOA_D
ClientSampleId :
TP-7-S2RE

Tgt Ion: 78 Resp: 12311

Ion	Ratio	Lower	Upper
78	100		
77	22.3	19.7	29.5

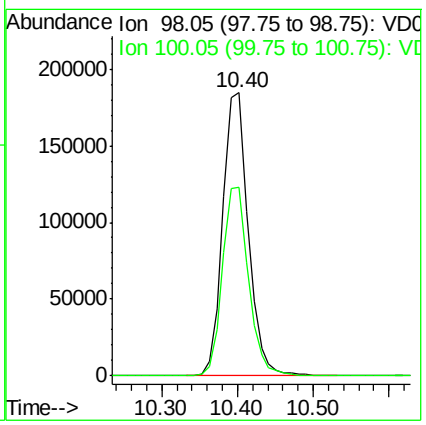


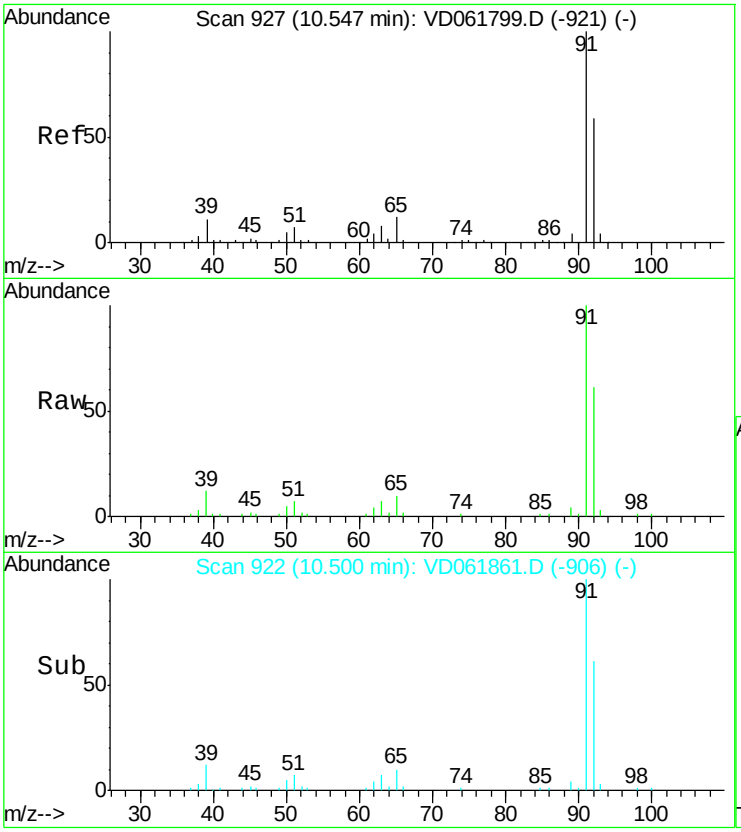


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.05 min
Lab File: VD061861.D
Acq: 17 Apr 2019 19:11

Tgt Ion: 98 Resp: 431708

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.8	80.8



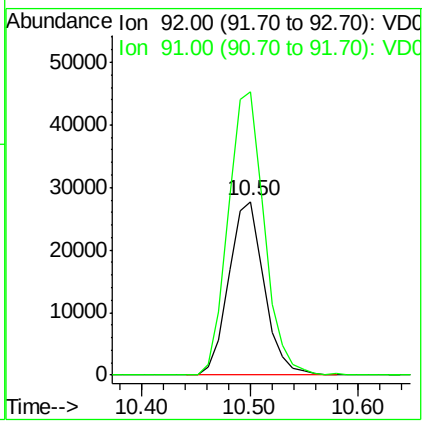


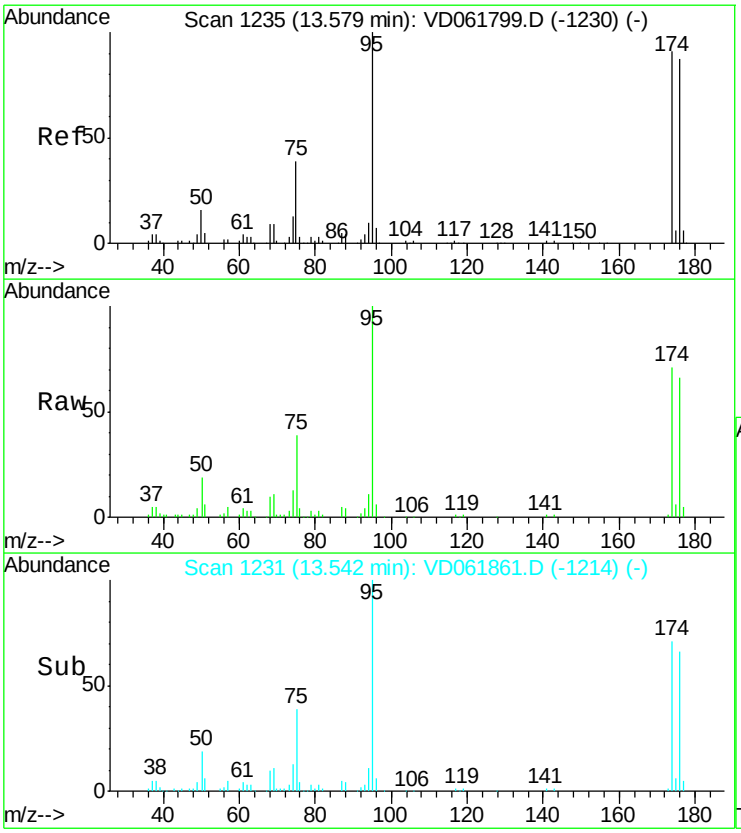
#52
Toluene
Concen: 8.616 ug/l
RT: 10.50 min Scan# 922
Delta R.T. -0.05 min
Lab File: VD061861.D
Acq: 17 Apr 2019 19:11

Instrument :
MSVOA_D
ClientSampleId :
TP-7-S2RE

Tgt Ion: 92 Resp: 62957

Ion	Ratio	Lower	Upper
92	100		
91	162.8	136.6	204.8

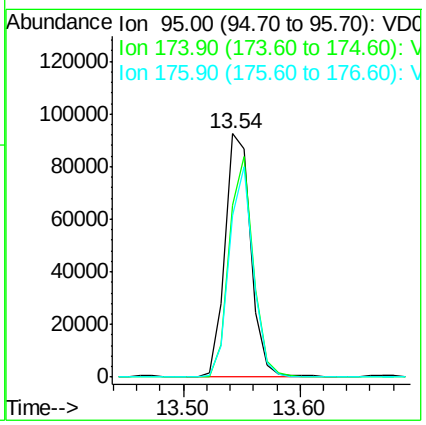


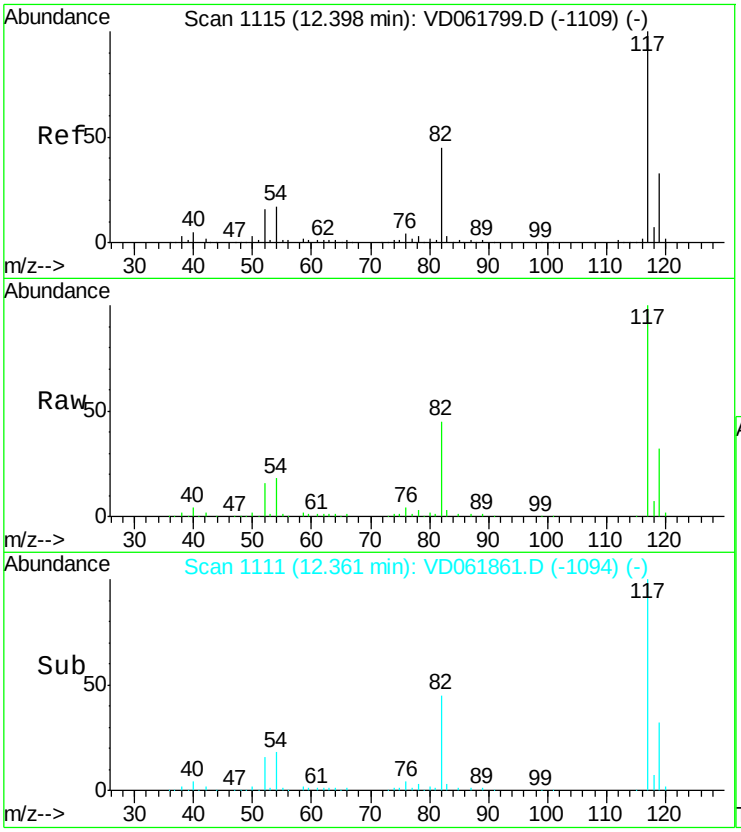


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.04 min
Lab File: VD061861.D
Acq: 17 Apr 2019 19:11

Tgt Ion: 95 Resp: 142295

Ion	Ratio	Lower	Upper
95	100		
174	70.9	0.0	181.8
176	66.2	0.0	174.4



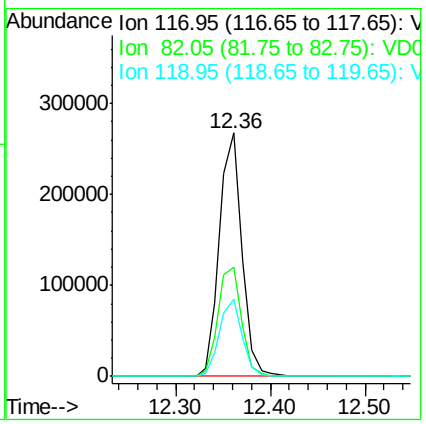


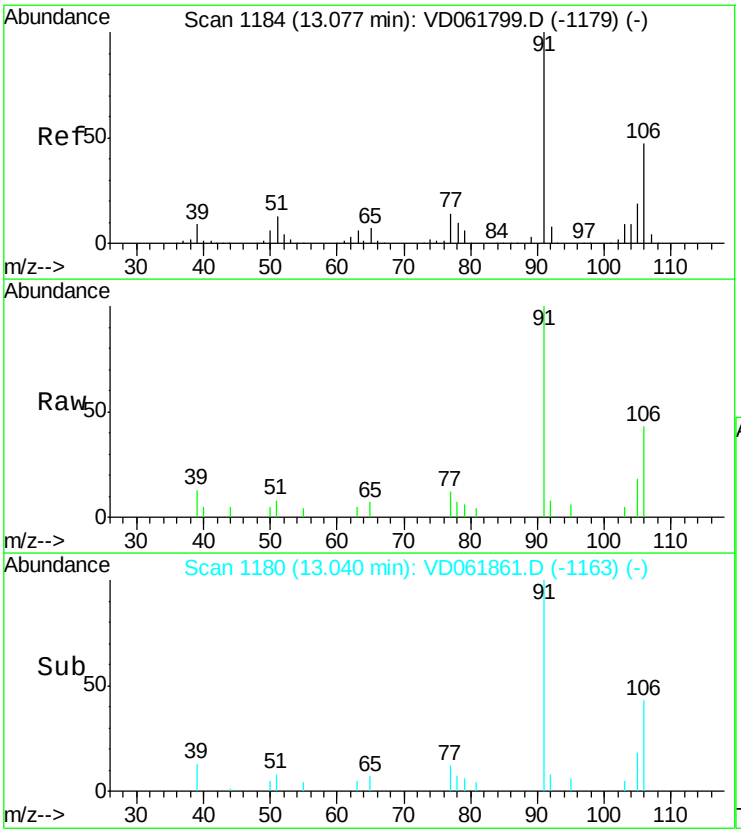
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.04 min
Lab File: VD061861.D
Acq: 17 Apr 2019 19:11

Instrument :
MSVOA_D
ClientSampleId :
TP-7-S2RE

Tgt Ion:117 Resp: 442293

Ion	Ratio	Lower	Upper
117	100		
82	45.0	36.2	54.2
119	32.0	26.2	39.4

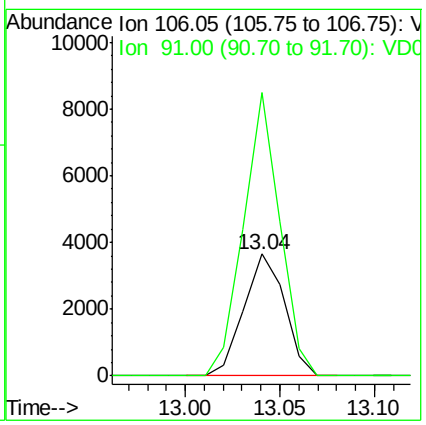


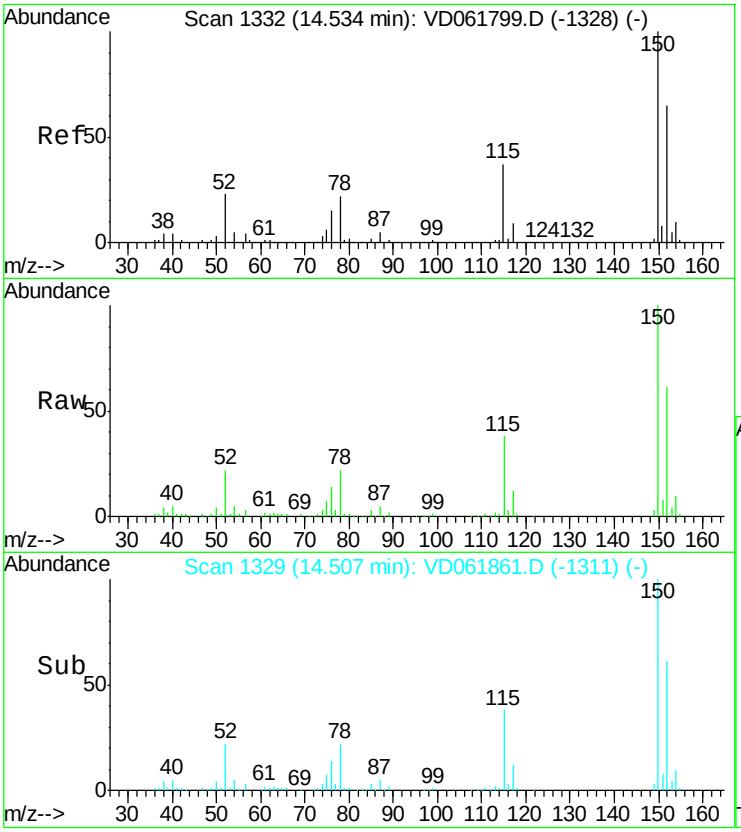


#69
o-Xylene
Concen: 1.169 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. -0.04 min
Lab File: VD061861.D
Acq: 17 Apr 2019 19:11

Tgt Ion:106 Resp: 5446

Ion	Ratio	Lower	Upper
106	100		
91	232.3	106.7	319.9



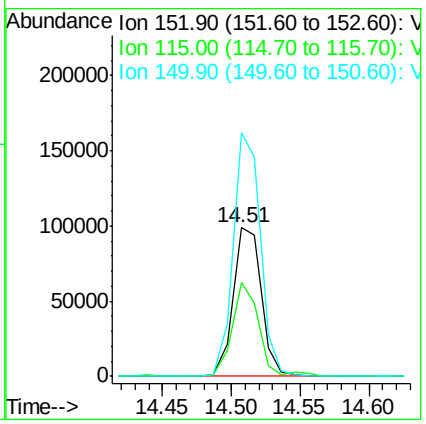


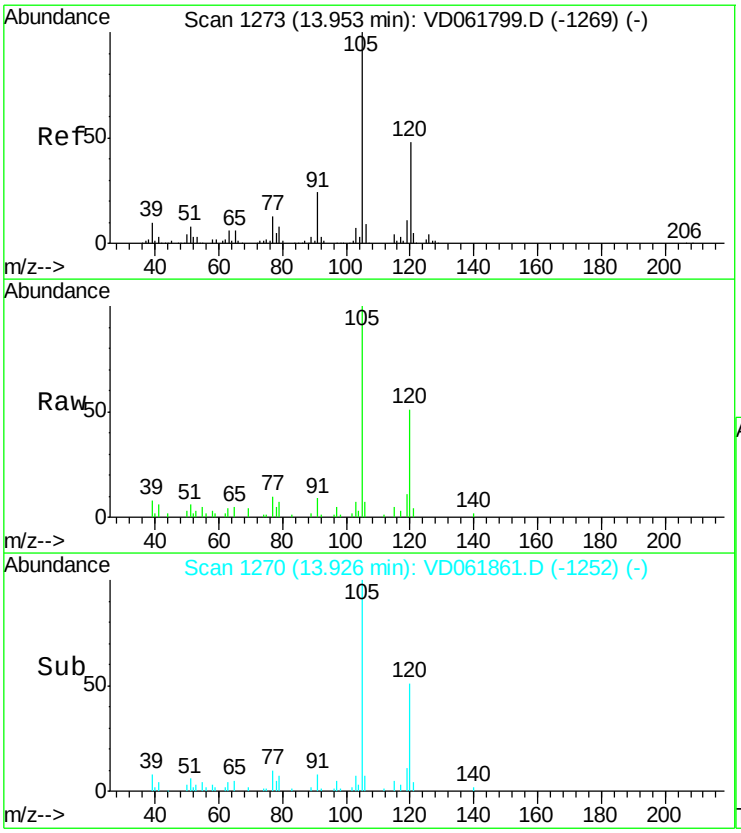
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.03 min
Lab File: VD061861.D
Acq: 17 Apr 2019 19:11

Instrument :
MSVOA_D
ClientSampleId :
TP-7-S2RE

Tgt Ion:152 Resp: 140589

Ion	Ratio	Lower	Upper
152	100		
115	63.1	30.9	92.7
150	164.1	0.0	314.8

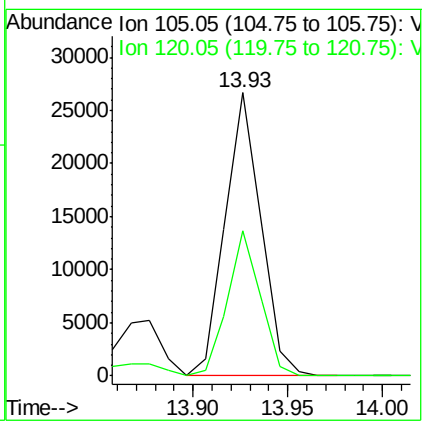


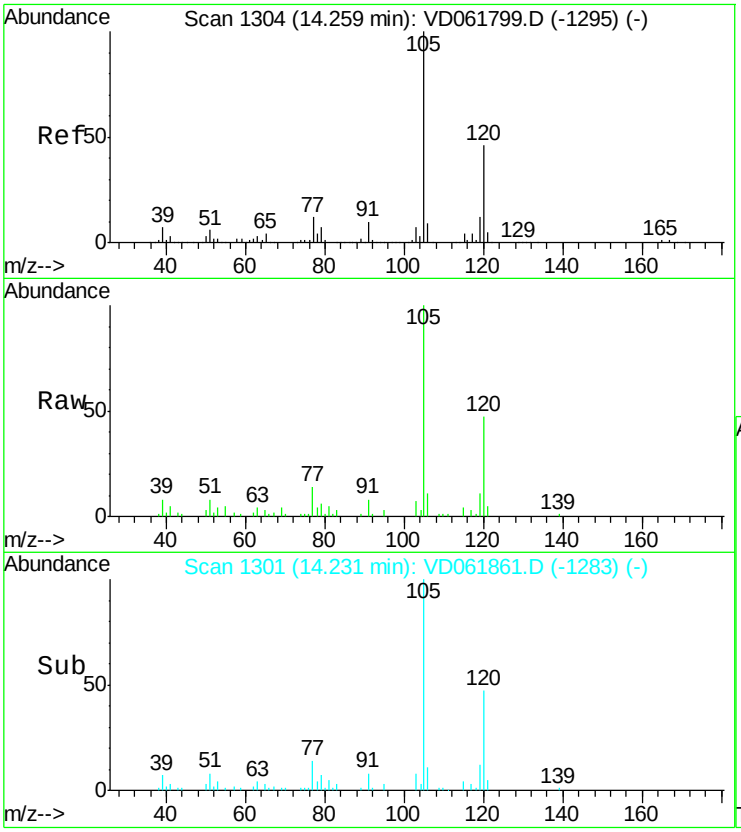


#80
1,3,5-Trimethylbenzene
Concen: 4.806 ug/l
RT: 13.93 min Scan# 1270
Delta R.T. -0.03 min
Lab File: VD061861.D
Acq: 17 Apr 2019 19:11

Tgt Ion:105 Resp: 34766

Ion	Ratio	Lower	Upper
105	100		
120	51.5	24.0	72.0



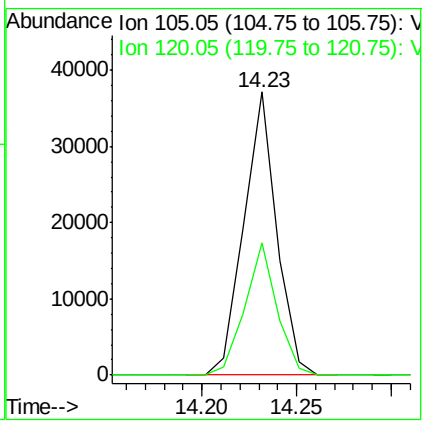


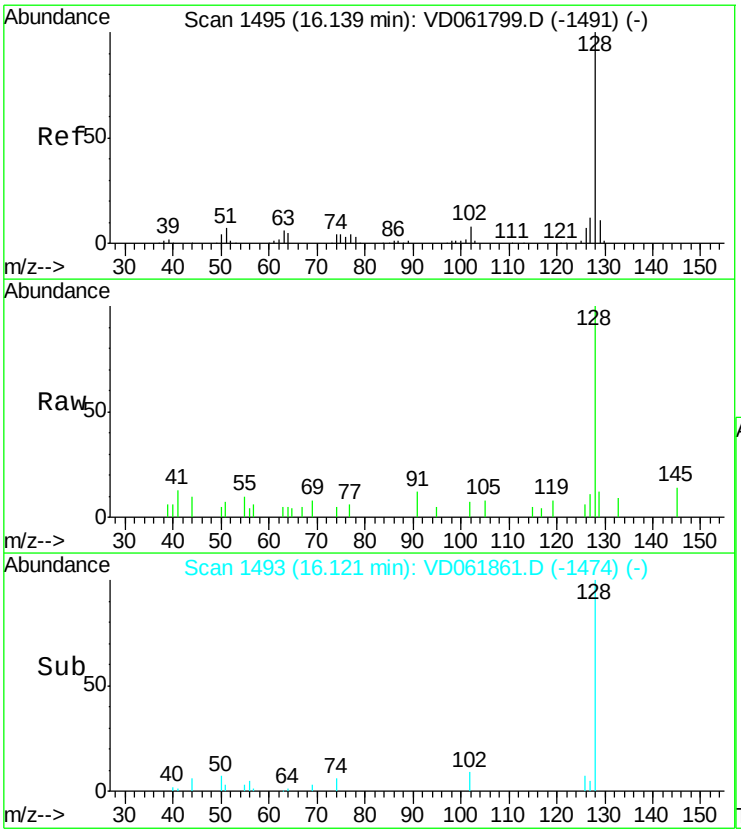
#84
1,2,4-Trimethylbenzene
Concen: 6.104 ug/l
RT: 14.23 min Scan# 1301
Delta R.T. -0.03 min
Lab File: VD061861.D
Acq: 17 Apr 2019 19:11

Instrument :
MSVOA_D
ClientSampleId :
TP-7-S2RE

Tgt Ion:105 Resp: 44391

Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.1	69.2





#95
Naphthalene
Concen: 3.540 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. -0.02 min
Lab File: VD061861.D
Acq: 17 Apr 2019 19:11

Tgt Ion:128 Resp: 11286

Ion	Ratio	Lower	Upper
128	100		
127	10.8	9.8	14.8
129	11.7	8.8	13.2