Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD040419\
Data File : VD061595.D
Acq On : 4 Apr 2019 22:46
Operator : VA/AP
Sample : K2230-02
Misc : 3.68g/5ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RICH-REC-ROAD-STONE-14

Quant Time: Apr 05 17:13:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.01	168	496148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	811015	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	689659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	284873	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	185717	43.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.64%			
35) Dibromofluoromethane	7.02	113	183	0.03	ug/l	0.12
Spiked Amount 50.000			Recovery = 0.06%			
50) Toluene-d8	10.38	98	595892	40.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.18%			
62) 4-Bromofluorobenzene	13.54	95	246442	43.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.46%			
Target Compounds						Qvalue
16) Acetone	3.19	43	69287	63.594	ug/l	93
20) Methylene Chloride	3.80	84	74280	10.659	ug/l	94
52) Toluene	10.48	92	14754	1.361	ug/l	91

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

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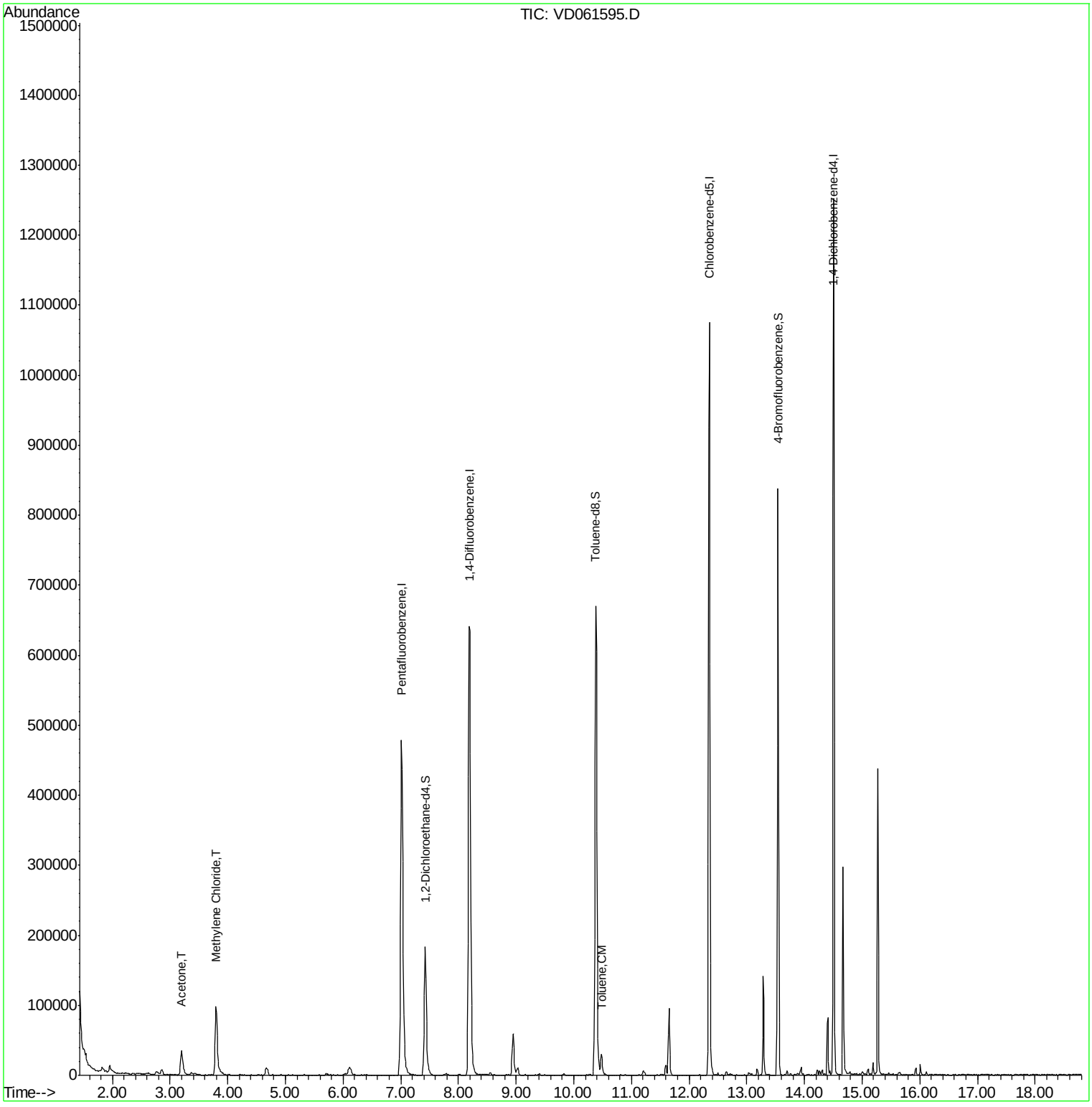
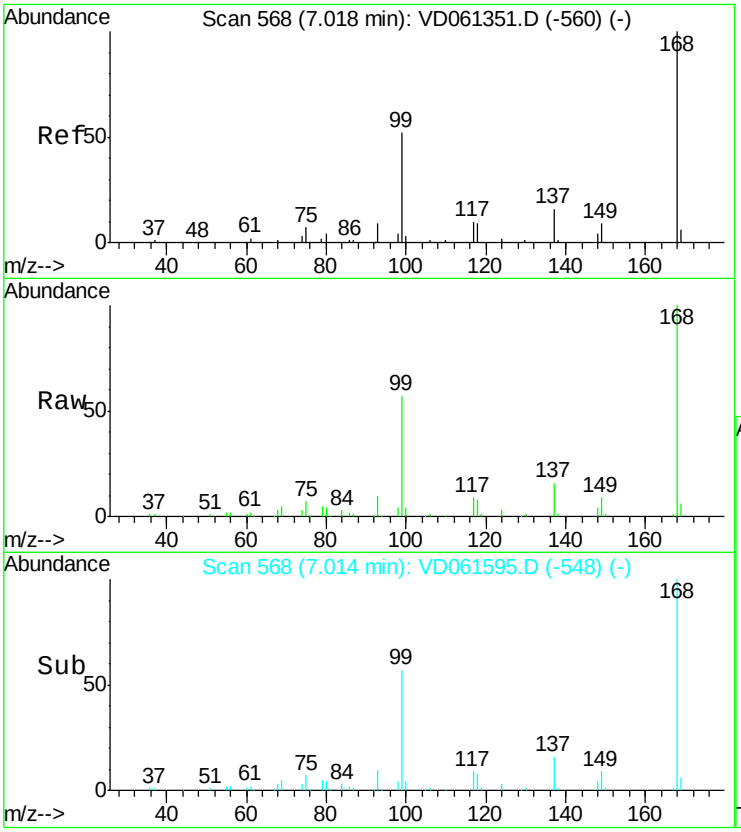


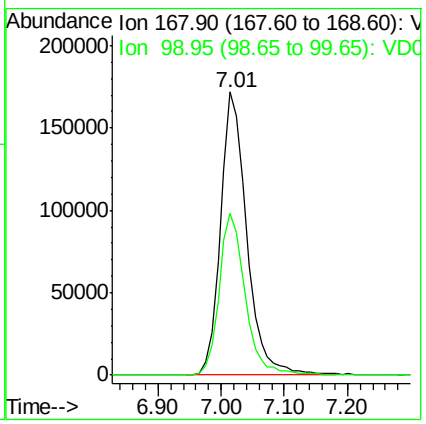


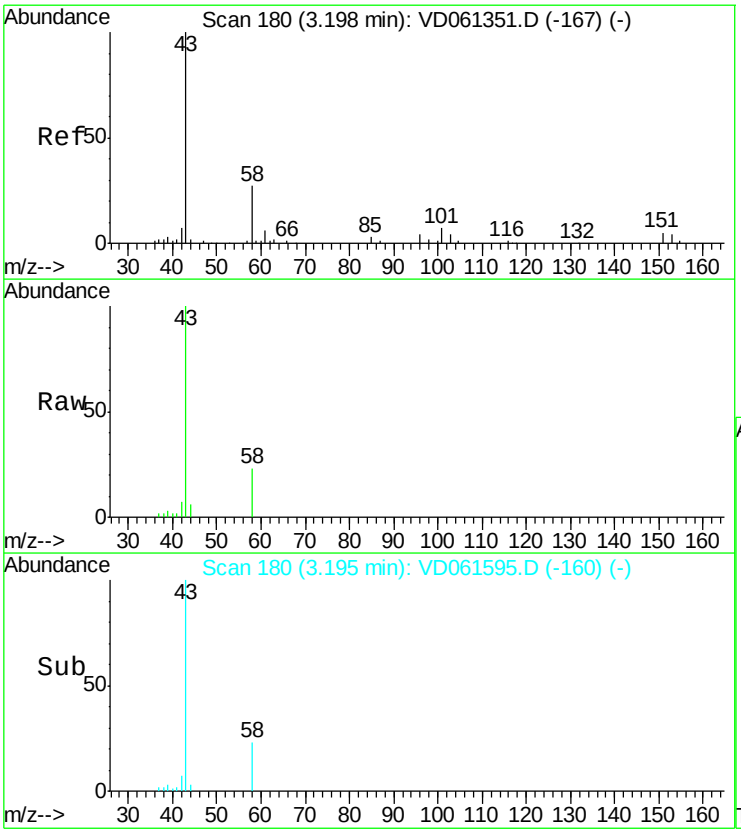
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.01 min Scan# 568
Delta R.T. -0.00 min
Lab File: VD061595.D
Acq: 4 Apr 2019 22:46

Instrument :
MSVOA_D
ClientSampleId :
RICH-REC-ROAD-STONE-14

Tgt Ion:168 Resp: 496148

Ion	Ratio	Lower	Upper
168	100		
99	56.9	43.1	64.7

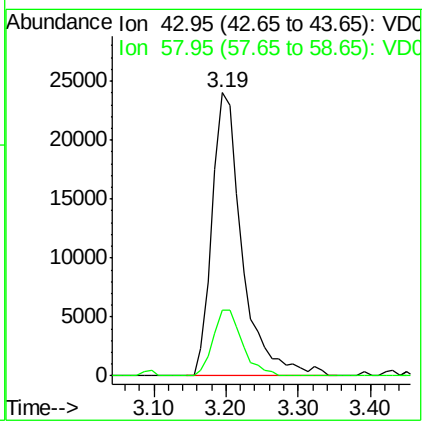


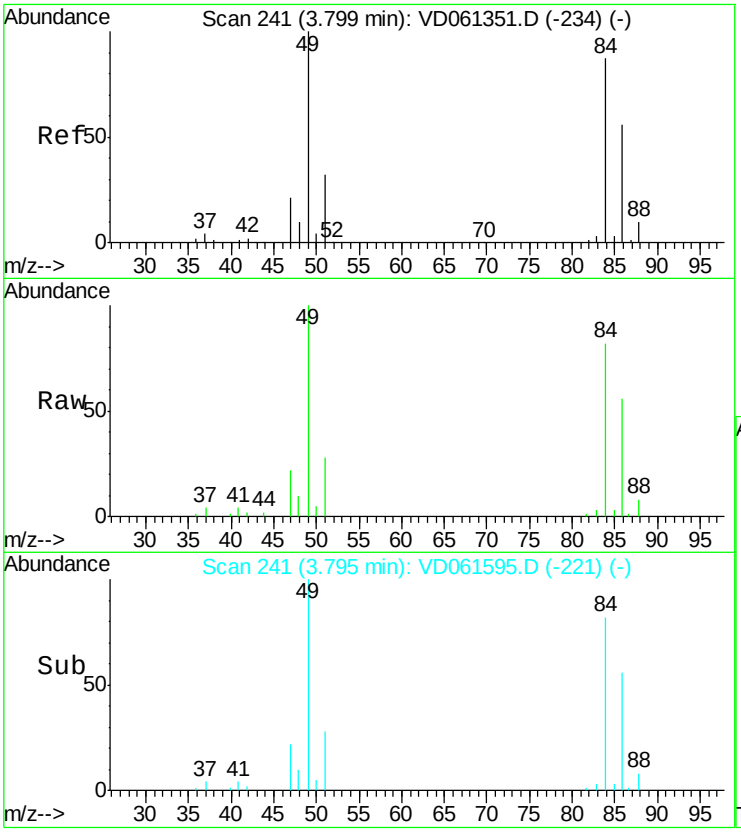


#16
Acetone
Concen: 63.594 ug/l
RT: 3.19 min Scan# 180
Delta R.T. -0.00 min
Lab File: VD061595.D
Acq: 4 Apr 2019 22:46

Tgt Ion: 43 Resp: 69287

Ion	Ratio	Lower	Upper
43	100		
58	23.2	21.5	32.3



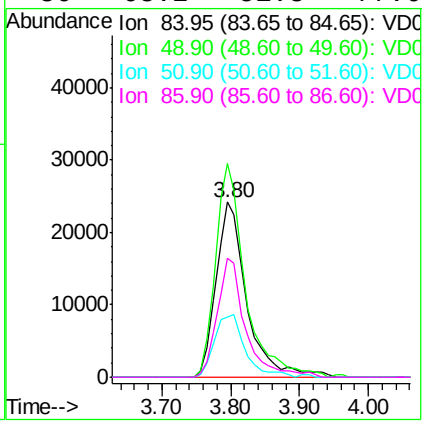


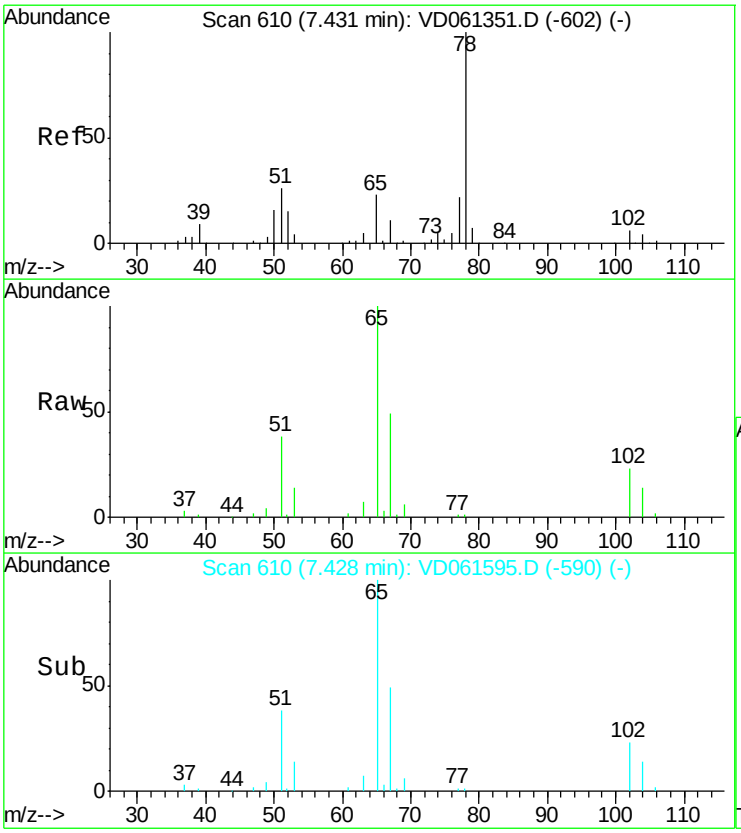
#20
Methylene Chloride
Concen: 10.659 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.00 min
Lab File: VD061595.D
Acq: 4 Apr 2019 22:46

Instrument :
MSVOA_D
ClientSampleId :
RICH-REC-ROAD-STONE-14

Tgt Ion: 84 Resp: 74280

Ion	Ratio	Lower	Upper
84	100		
49	122.0	91.8	137.8
51	34.5	29.8	44.8
86	68.2	51.8	77.6

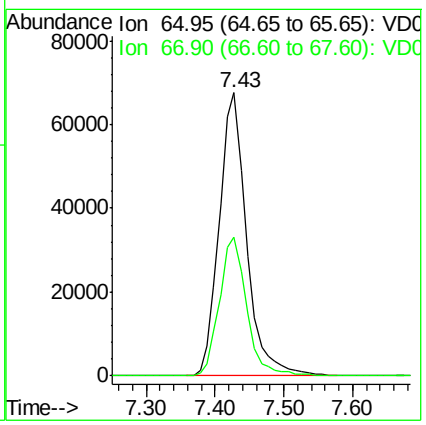


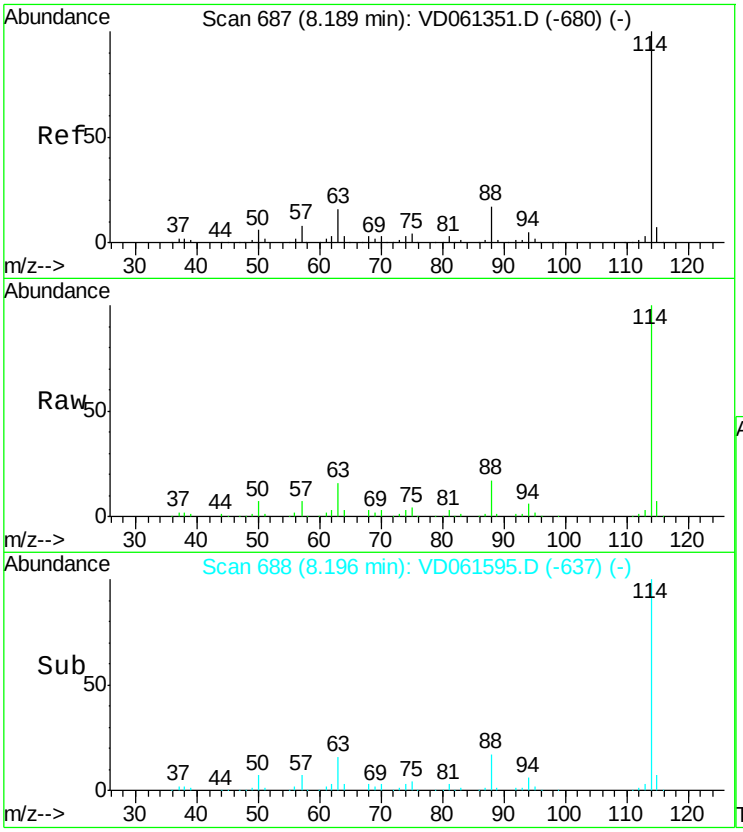


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.43 min Scan# 610
Delta R.T. -0.00 min
Lab File: VD061595.D
Acq: 4 Apr 2019 22:46

Tgt Ion: 65 Resp: 185717

Ion	Ratio	Lower	Upper
65	100		
67	49.0	0.0	99.8



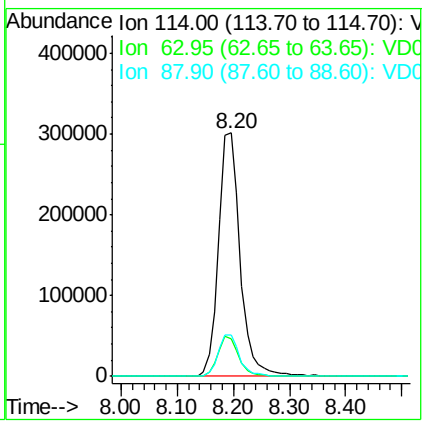


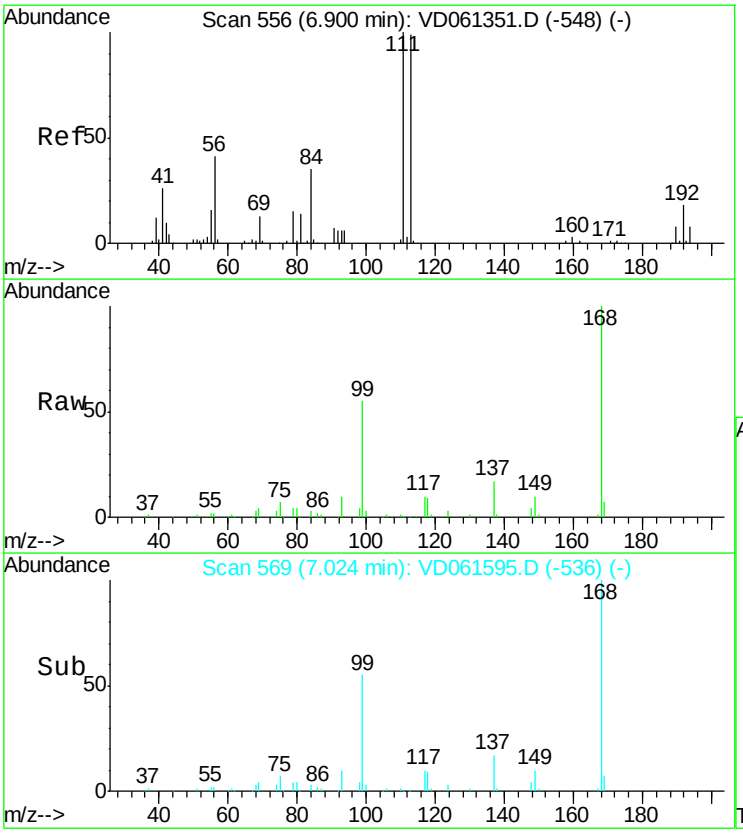
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.20 min Scan# 688
Delta R.T. 0.01 min
Lab File: VD061595.D
Acq: 4 Apr 2019 22:46

Instrument :
MSVOA_D
ClientSampleId :
RICH-REC-ROAD-STONE-14

Tgt Ion:114 Resp: 811015

Ion	Ratio	Lower	Upper
114	100		
63	15.5	0.0	31.6
88	17.1	0.0	33.4

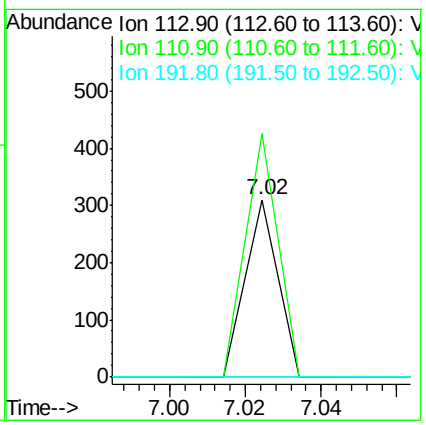


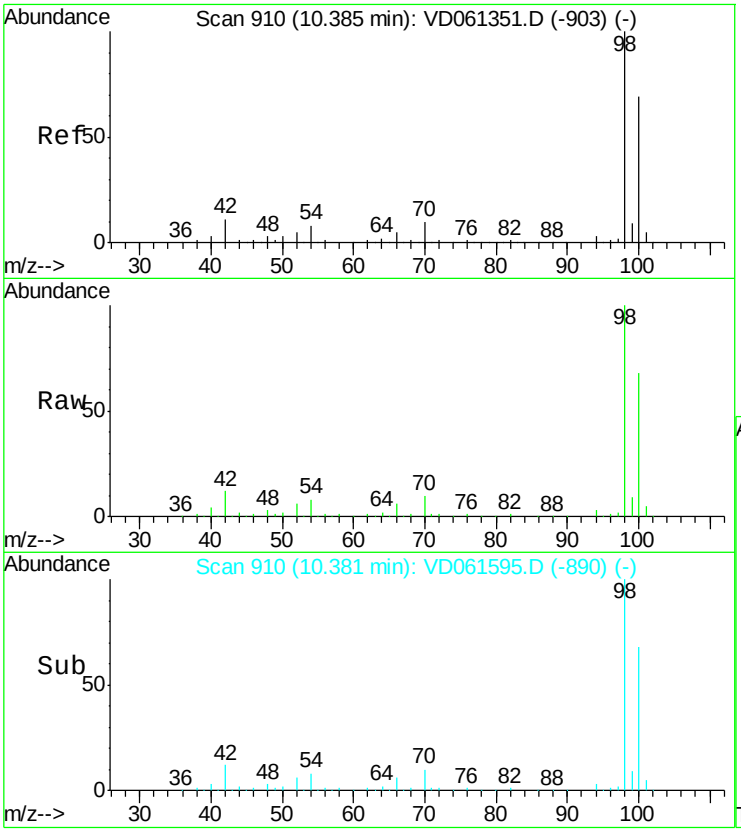


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.02 min Scan# 569
Delta R.T. 0.12 min
Lab File: VD061595.D
Acq: 4 Apr 2019 22:46

Tgt Ion:113 Resp: 183

Ion	Ratio	Lower	Upper
113	100		
111	137.4	81.0	121.6#
192	0.0	14.4	21.6#



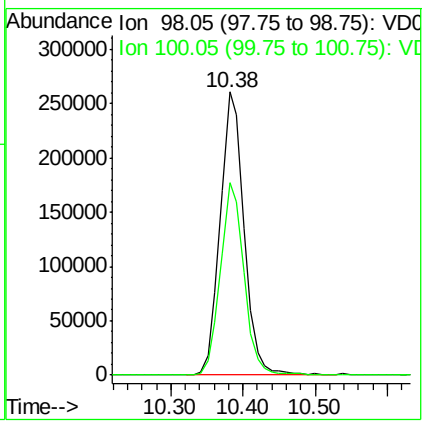


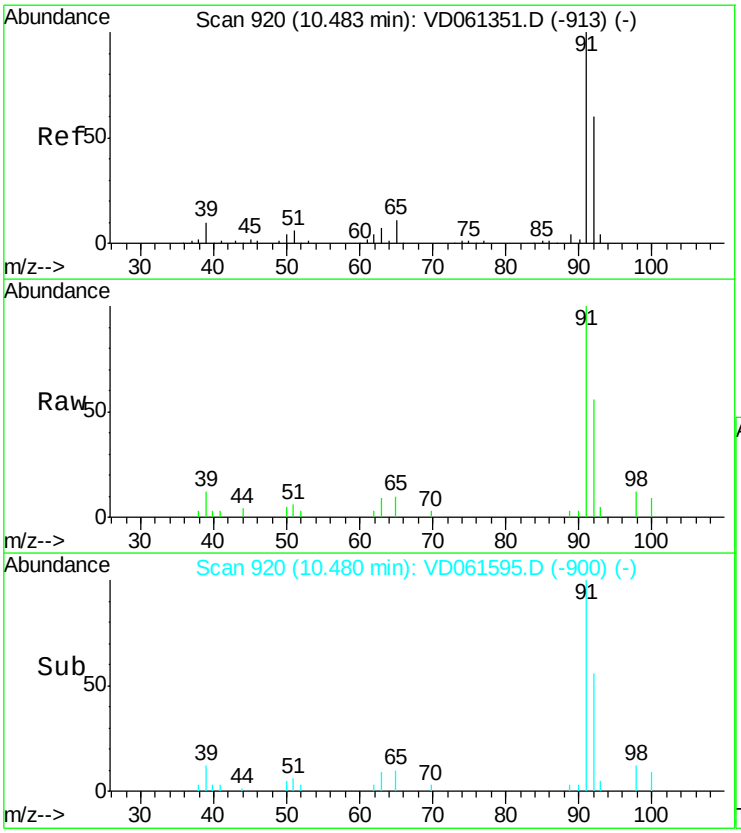
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.00 min
Lab File: VD061595.D
Acq: 4 Apr 2019 22:46

Instrument :
MSVOA_D
ClientSampleId :
RICH-REC-ROAD-STONE-14

Tgt Ion: 98 Resp: 595892

Ion	Ratio	Lower	Upper
98	100		
100	68.1	56.2	84.2

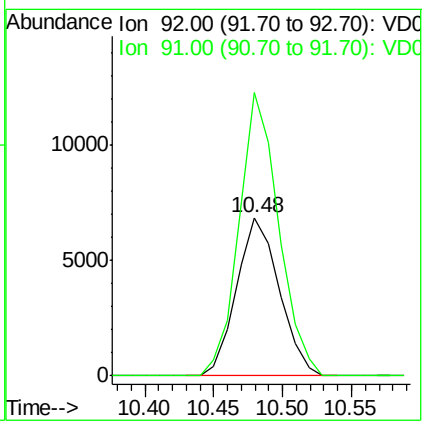


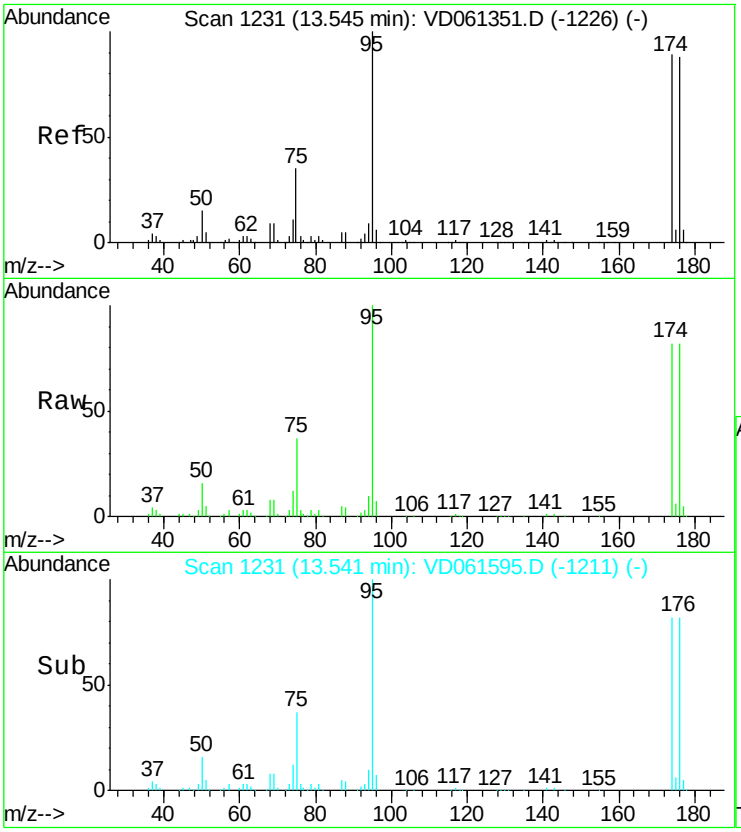


#52
Toluene
Concen: 1.361 ug/l
RT: 10.48 min Scan# 920
Delta R.T. -0.00 min
Lab File: VD061595.D
Acq: 4 Apr 2019 22:46

Tgt Ion: 92 Resp: 14754

Ion	Ratio	Lower	Upper
92	100		
91	179.2	133.3	199.9



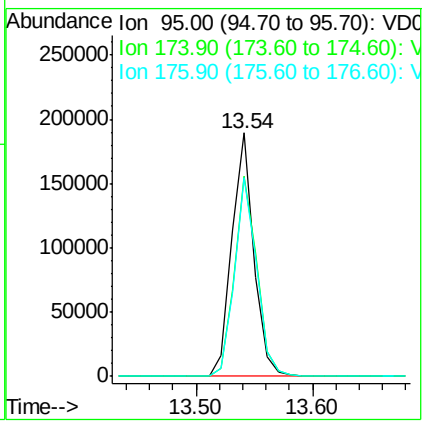


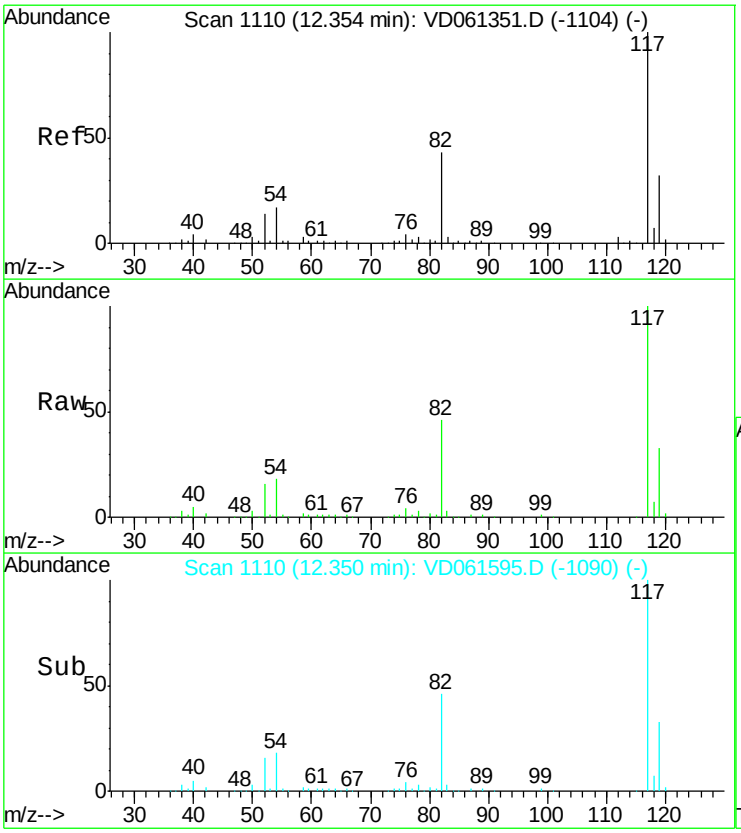
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD061595.D
Acq: 4 Apr 2019 22:46

Instrument :
MSVOA_D
ClientSampleId :
RICH-REC-ROAD-STONE-14

Tgt Ion: 95 Resp: 246442

Ion	Ratio	Lower	Upper
95	100		
174	82.2	0.0	178.0
176	81.9	0.0	175.0

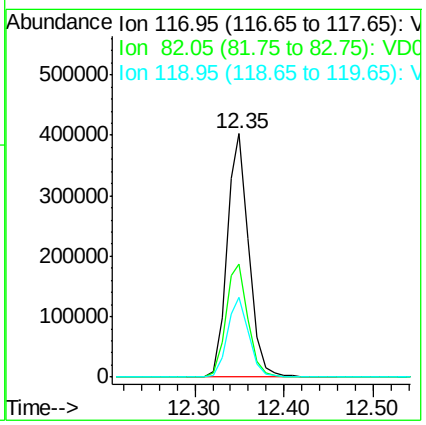


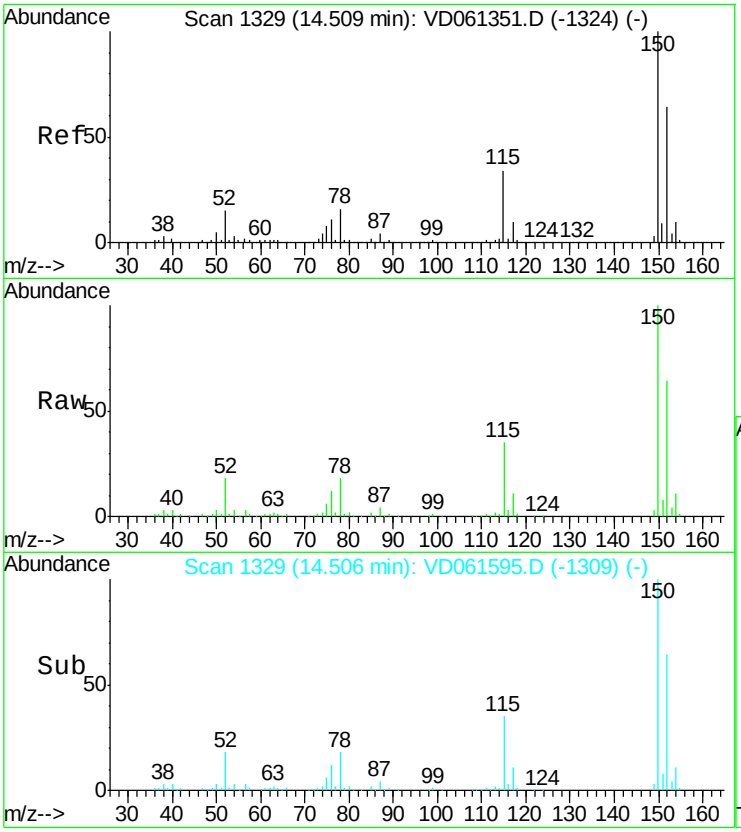


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD061595.D
Acq: 4 Apr 2019 22:46

Tgt Ion:117 Resp: 689659

Ion	Ratio	Lower	Upper
117	100		
82	46.5	34.4	51.6
119	32.8	25.8	38.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD061595.D
Acq: 4 Apr 2019 22:46

Instrument :
MSVOA_D
ClientSampleId :
RICH-REC-ROAD-STONE-14

Tgt Ion:152 Resp: 284873

Ion	Ratio	Lower	Upper
152	100		
115	54.6	26.9	80.6
150	155.7	0.0	318.0