Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122818\
Data File : VD060747.D
Acq On : 28 Dec 2018 15:36
Operator : VA/AP
Sample : J6193-15
Misc : 6.22g/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : CL-02-122718-C

Quant Time: Dec 28 22:19:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1424101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	1943130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	1521626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	629379	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	543932	55.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.54%			
35) Dibromofluoromethane	6.33	113	750204	52.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.50%			
50) Toluene-d8	9.46	98	2114975	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.68%			
62) 4-Bromofluorobenzene	12.43	95	638530	42.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.92%			
Target Compounds						Qvalue
16) Acetone	3.18	43	29384	17.097	ug/l #	90
20) Methylene Chloride	3.74	84	126964	7.113	ug/l	96
52) Toluene	9.55	92	215132	6.640	ug/l	94
68) m/p-Xylenes	11.56	106	72664	3.453	ug/l	99
69) o-Xylene	11.93	106	21550	1.080	ug/l	90

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

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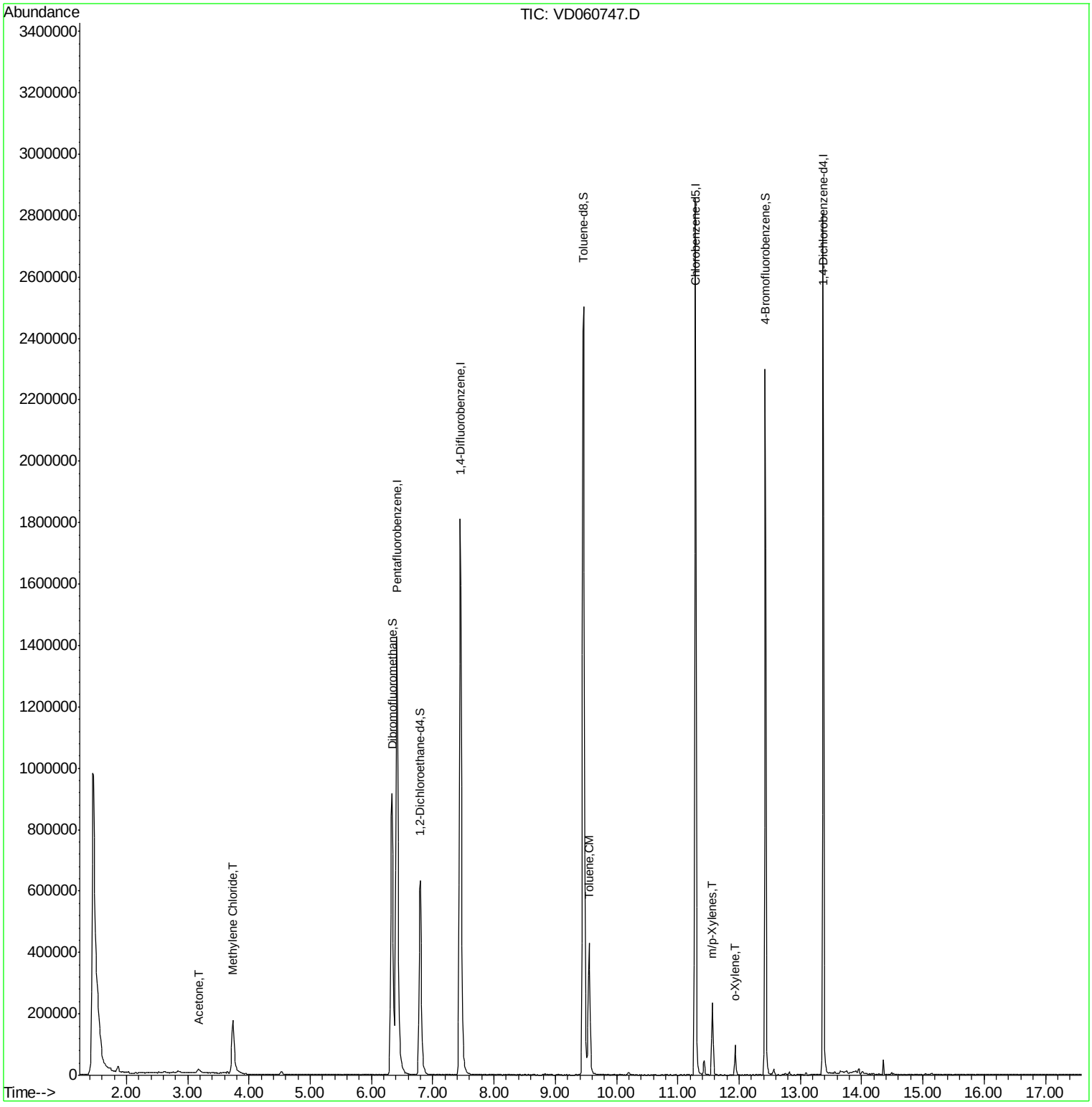
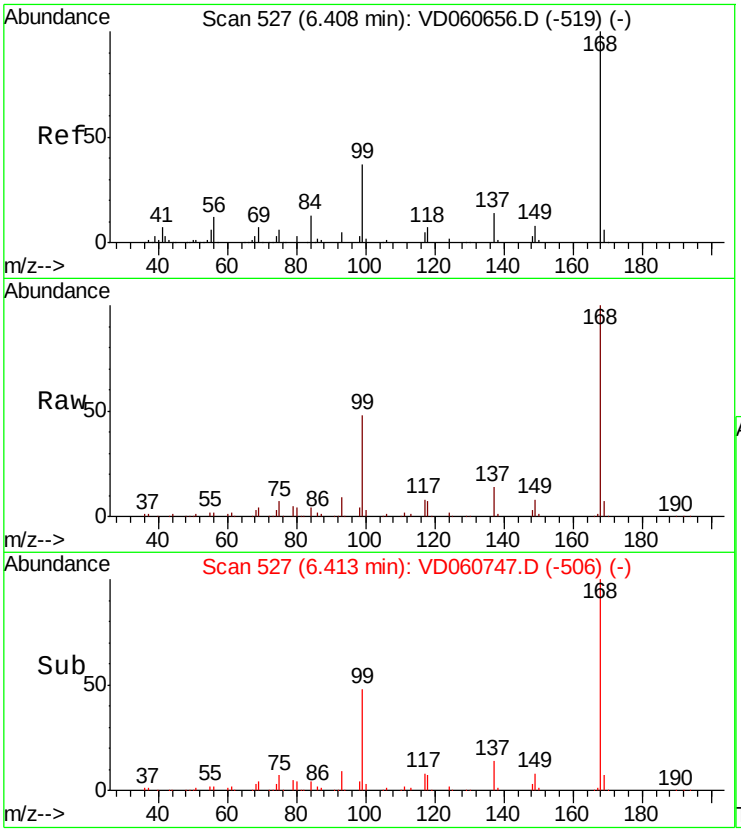


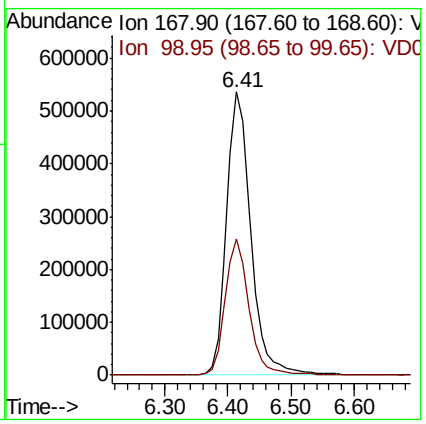


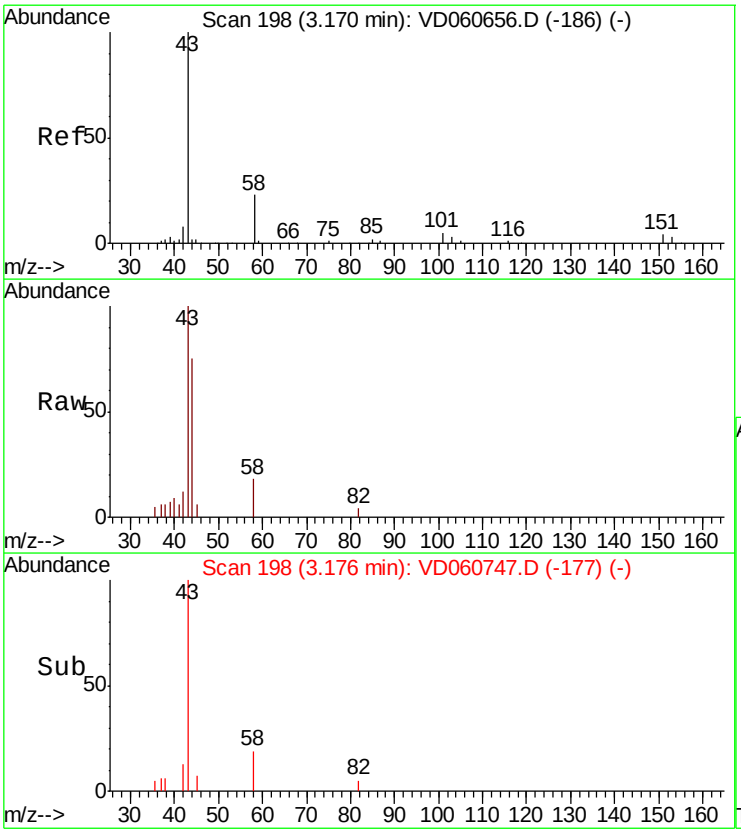
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.41 min Scan# 527
Delta R.T. 0.01 min
Lab File: VD060747.D
Acq: 28 Dec 2018 15:36

Instrument :
MSVOA_D
ClientSampleId :
CL-02-122718-C

Tgt Ion:168 Resp: 1424101

Ion	Ratio	Lower	Upper
168	100		
99	48.0	38.7	58.1

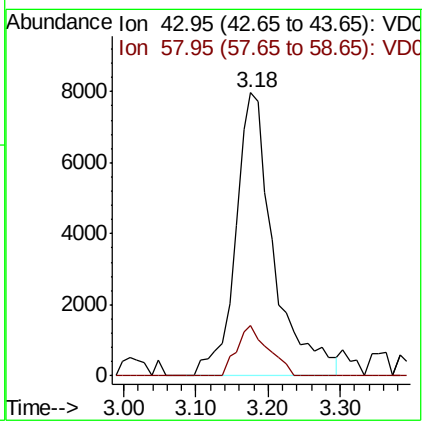


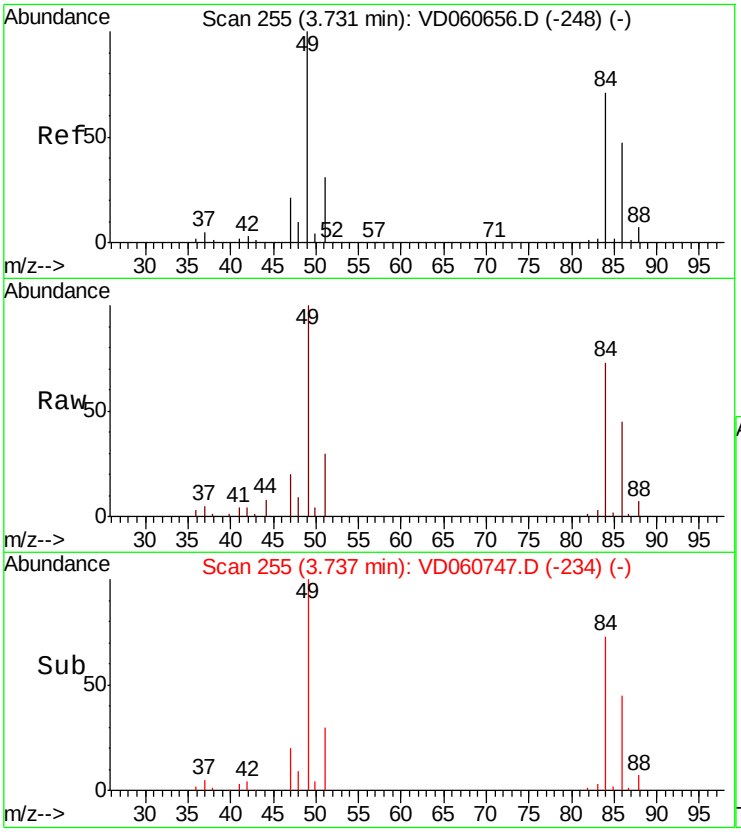


#16
Acetone
Concen: 17.097 ug/l
RT: 3.18 min Scan# 198
Delta R.T. 0.01 min
Lab File: VD060747.D
Acq: 28 Dec 2018 15:36

Tgt Ion: 43 Resp: 29384

Ion	Ratio	Lower	Upper
43	100		
58	17.7	18.2	27.2#



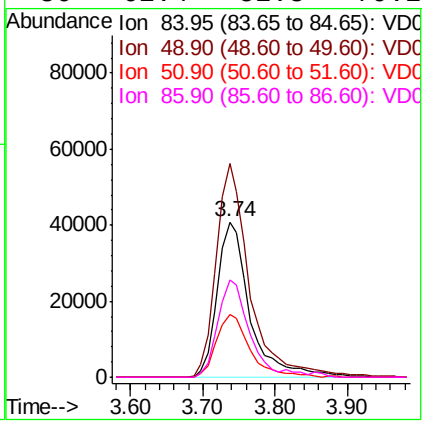


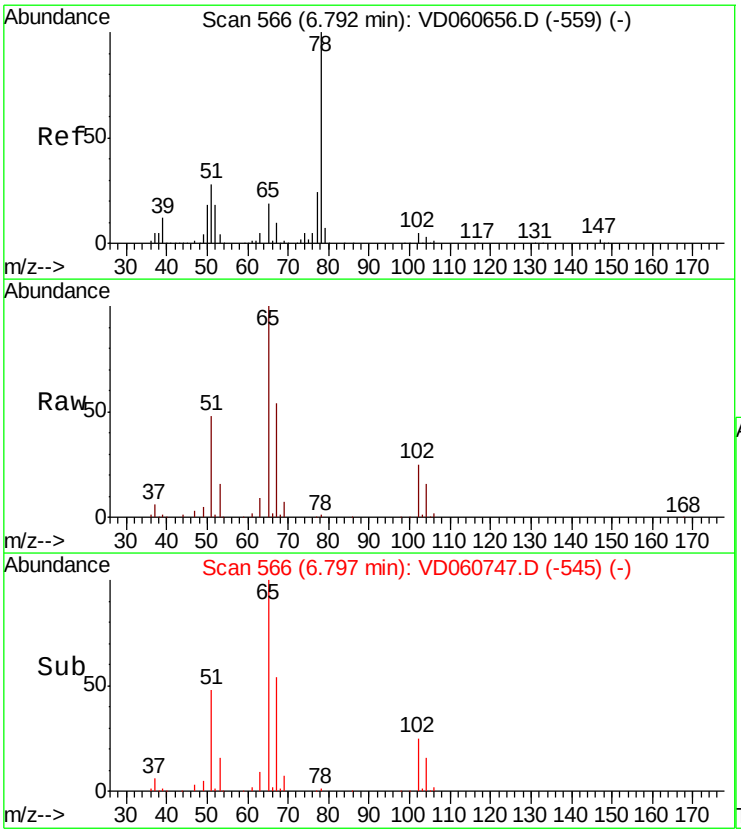
#20
Methylene Chloride
Concen: 7.113 ug/l
RT: 3.74 min Scan# 255
Delta R.T. 0.01 min
Lab File: VD060747.D
Acq: 28 Dec 2018 15:36

Instrument : MSVOA_D
ClientSampleId : CL-02-122718-C

Tgt Ion: 84 Resp: 126964

Ion	Ratio	Lower	Upper
84	100		
49	137.3	113.6	170.4
51	40.7	34.7	52.1
86	62.4	52.8	79.2

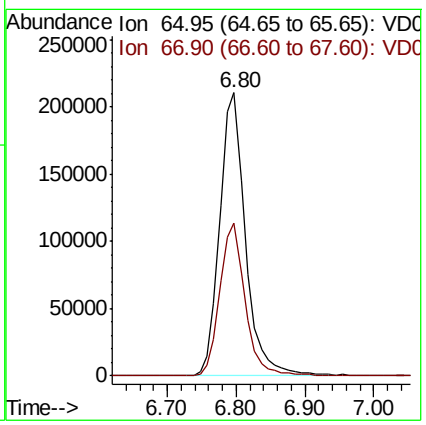


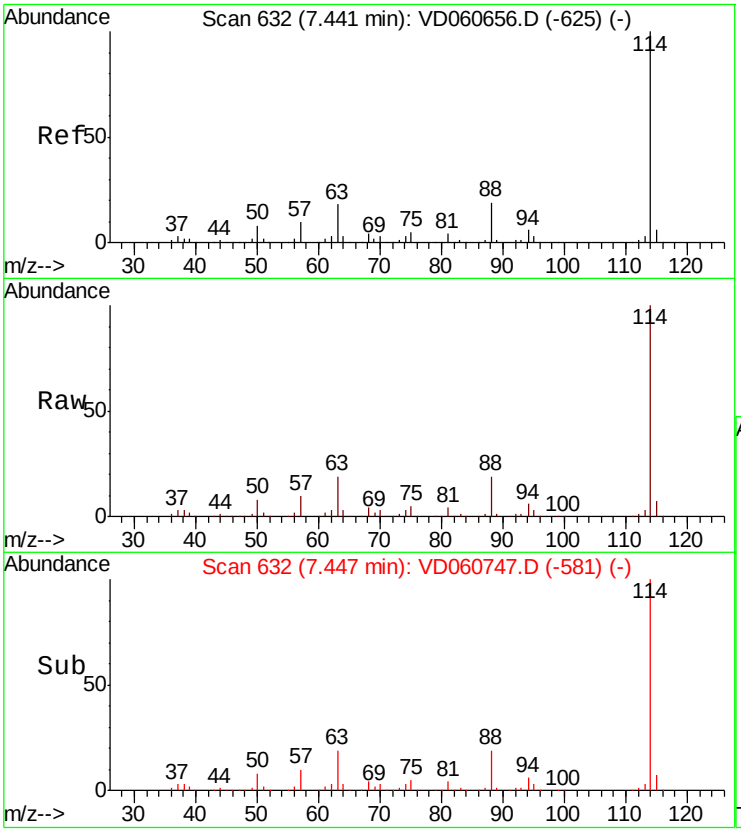


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.80 min Scan# 566
Delta R.T. 0.01 min
Lab File: VD060747.D
Acq: 28 Dec 2018 15:36

Tgt Ion: 65 Resp: 543932

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	105.4



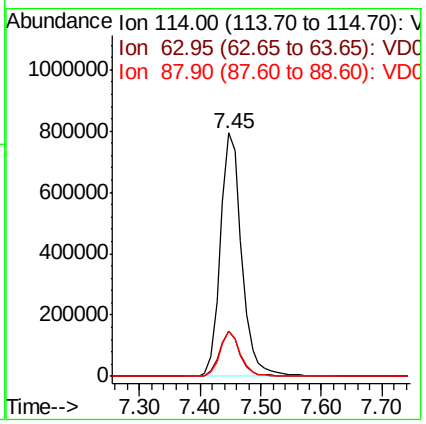


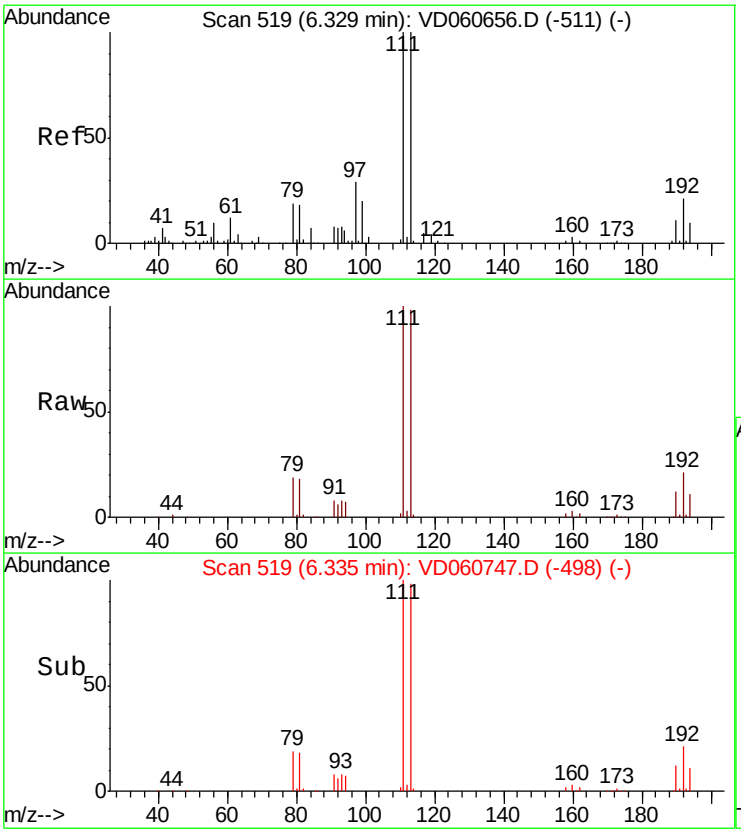
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.45 min Scan# 632
Delta R.T. 0.01 min
Lab File: VD060747.D
Acq: 28 Dec 2018 15:36

Instrument :
MSVOA_D
ClientSampleId :
CL-02-122718-C

Tgt Ion:114 Resp: 1943130

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	36.2
88	18.8	0.0	37.0

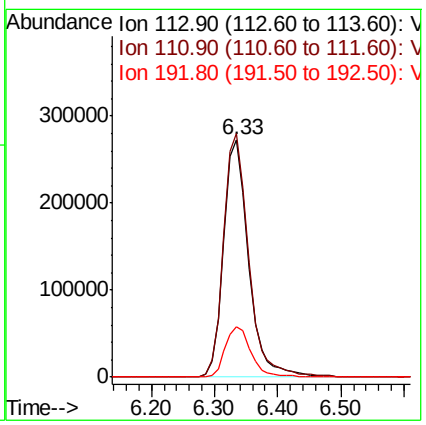


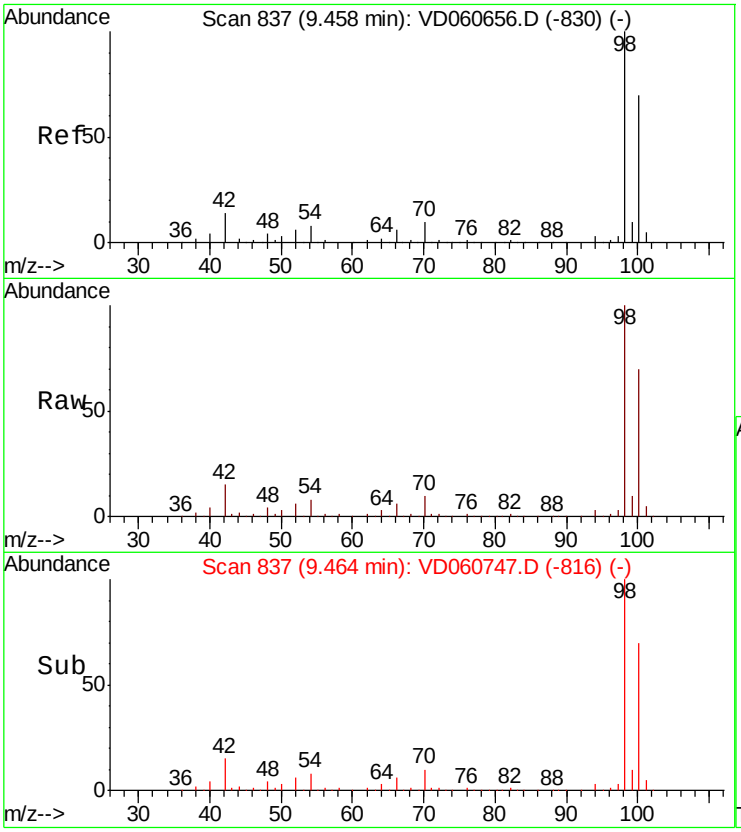


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.33 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD060747.D
Acq: 28 Dec 2018 15:36

Tgt Ion:113 Resp: 750204

Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.0	120.0
192	21.0	16.6	25.0



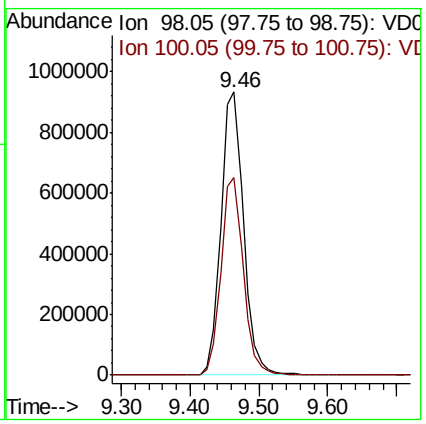


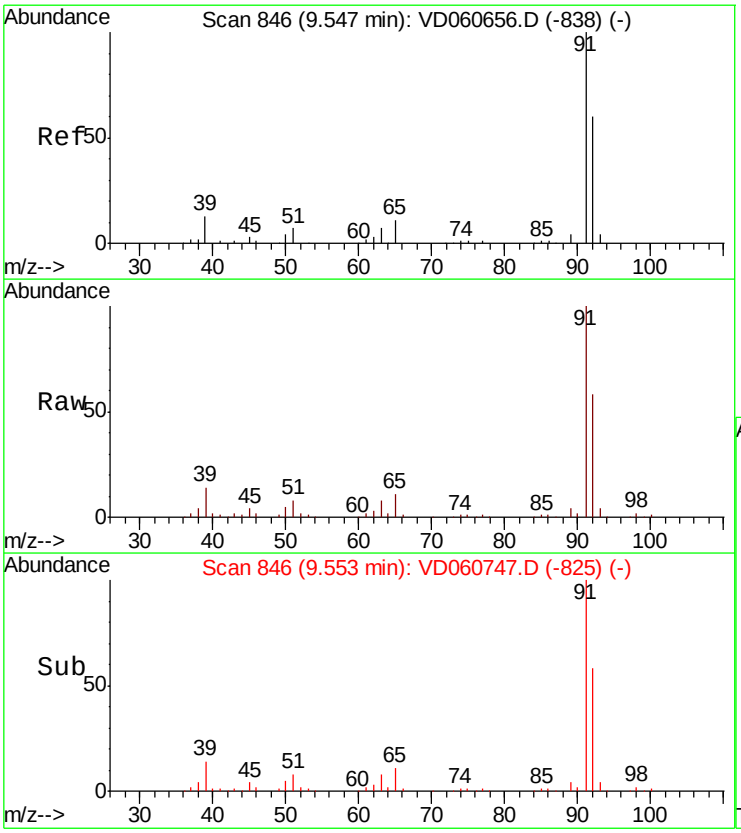
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 837
Delta R.T. 0.01 min
Lab File: VD060747.D
Acq: 28 Dec 2018 15:36

Instrument : MSVOA_D
ClientSampleId : CL-02-122718-C

Tgt Ion: 98 Resp: 2114975

Ion	Ratio	Lower	Upper
98	100		
100	69.6	55.8	83.8

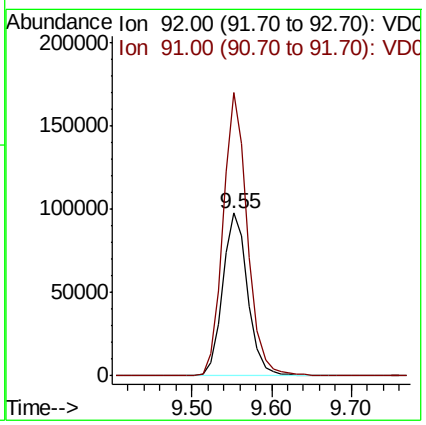


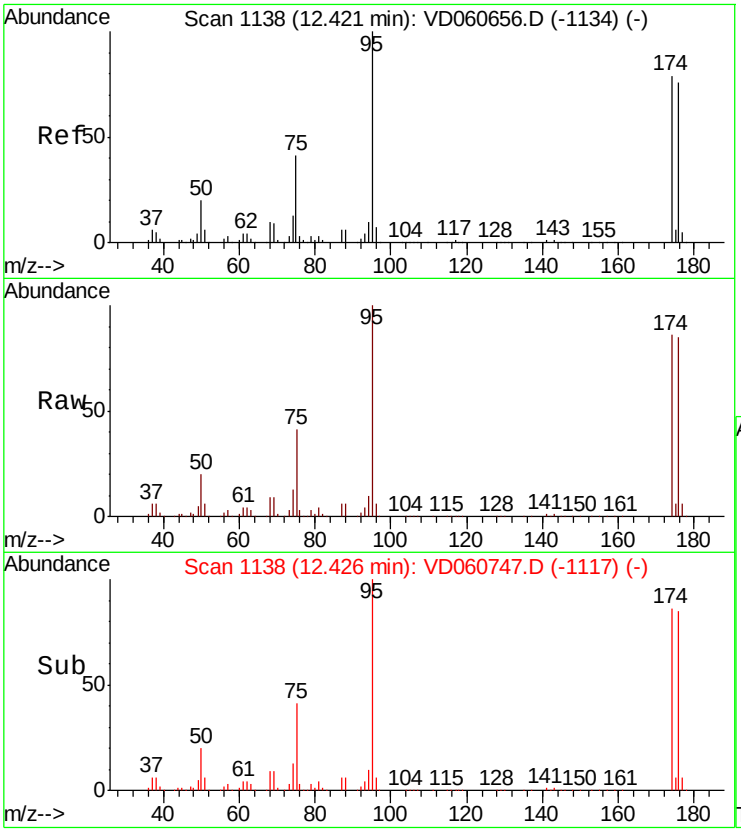


#52
Toluene
Concen: 6.640 ug/l
RT: 9.55 min Scan# 846
Delta R.T. 0.01 min
Lab File: VD060747.D
Acq: 28 Dec 2018 15:36

Tgt Ion: 92 Resp: 215132

Ion	Ratio	Lower	Upper
92	100		
91	173.7	132.6	199.0



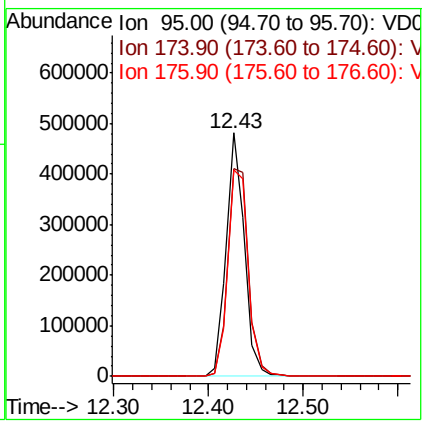


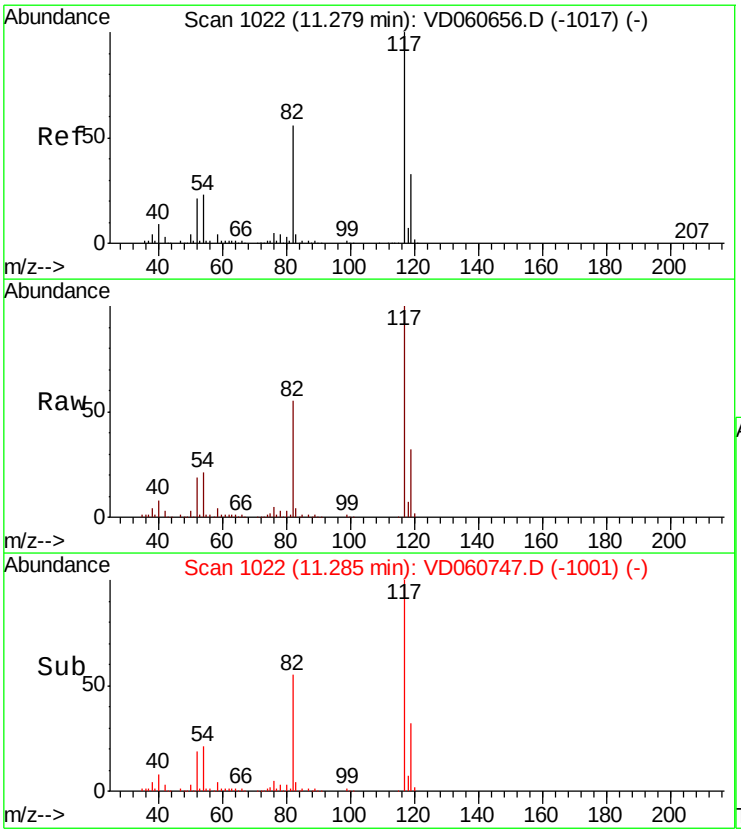
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1138
Delta R.T. 0.01 min
Lab File: VD060747.D
Acq: 28 Dec 2018 15:36

Instrument : MSVOA_D
ClientSampleId : CL-02-122718-C

Tgt Ion: 95 Resp: 638530

Ion	Ratio	Lower	Upper
95	100		
174	85.5	0.0	158.2
176	84.9	0.0	152.4

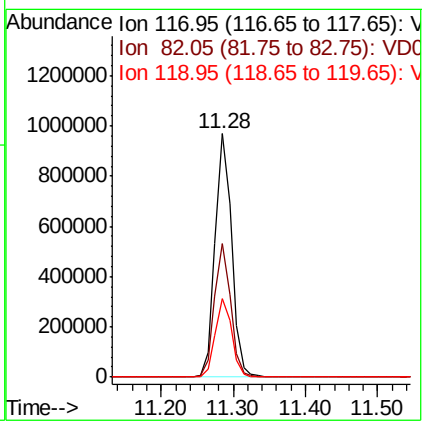


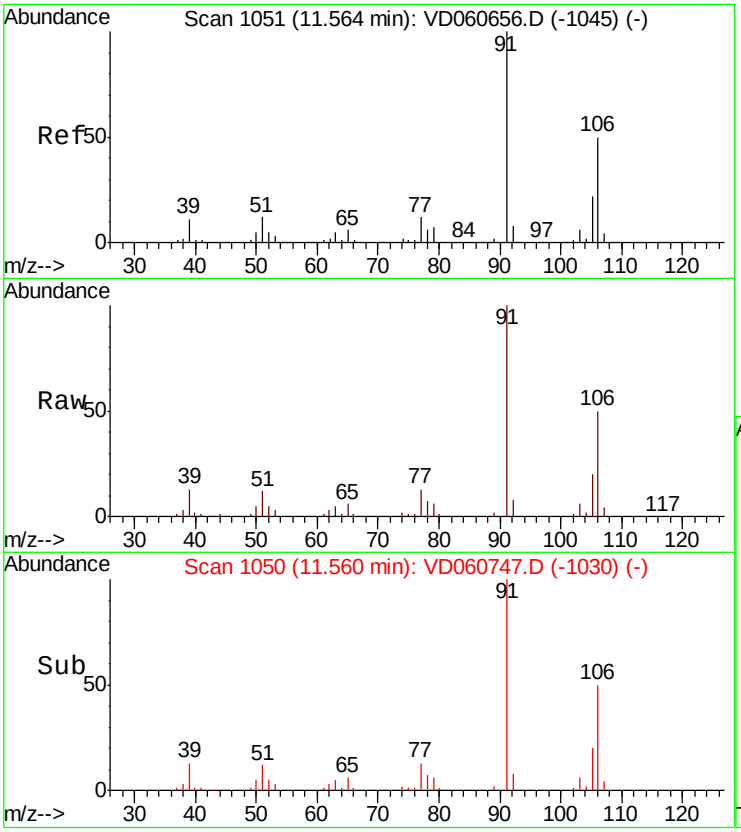


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 1022
Delta R.T. 0.01 min
Lab File: VD060747.D
Acq: 28 Dec 2018 15:36

Tgt Ion:117 Resp: 1521626

Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.5	66.7
119	32.5	26.3	39.5



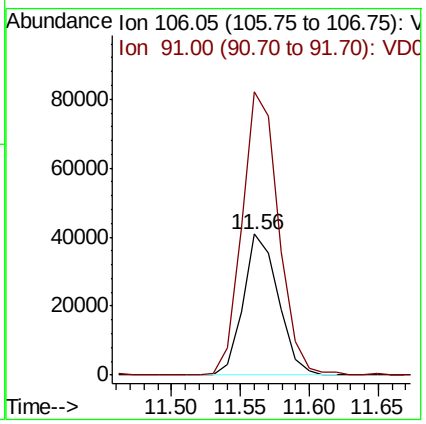


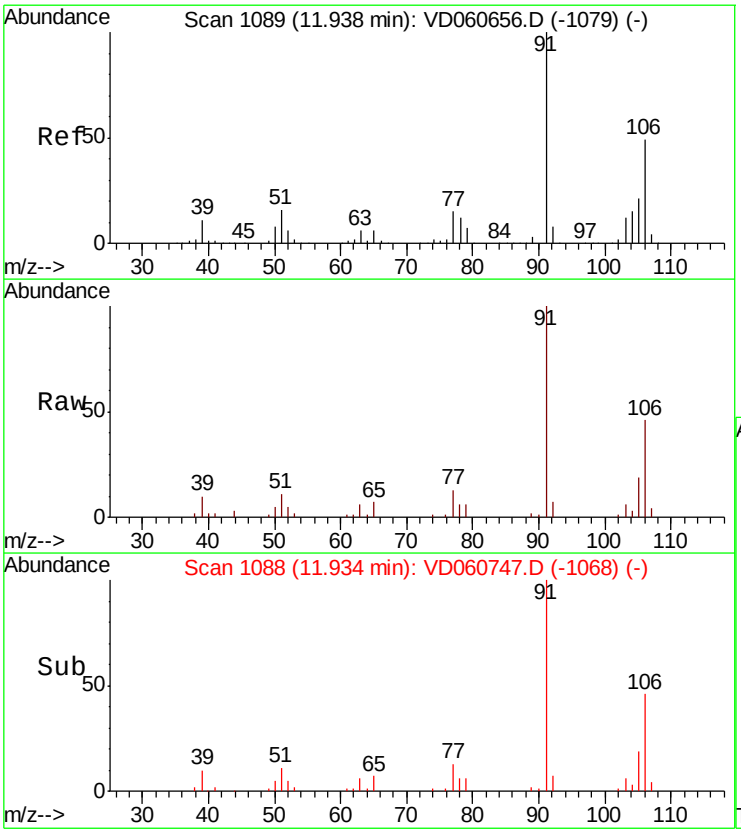
#68
m/p-Xylenes
Concen: 3.453 ug/l
RT: 11.56 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD060747.D
Acq: 28 Dec 2018 15:36

Instrument :
MSVOA_D
ClientSampleId :
CL-02-122718-C

Tgt Ion:106 Resp: 72664

Ion	Ratio	Lower	Upper
106	100		
91	200.8	158.9	238.3

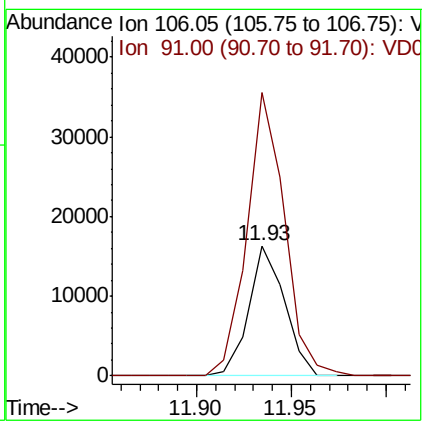


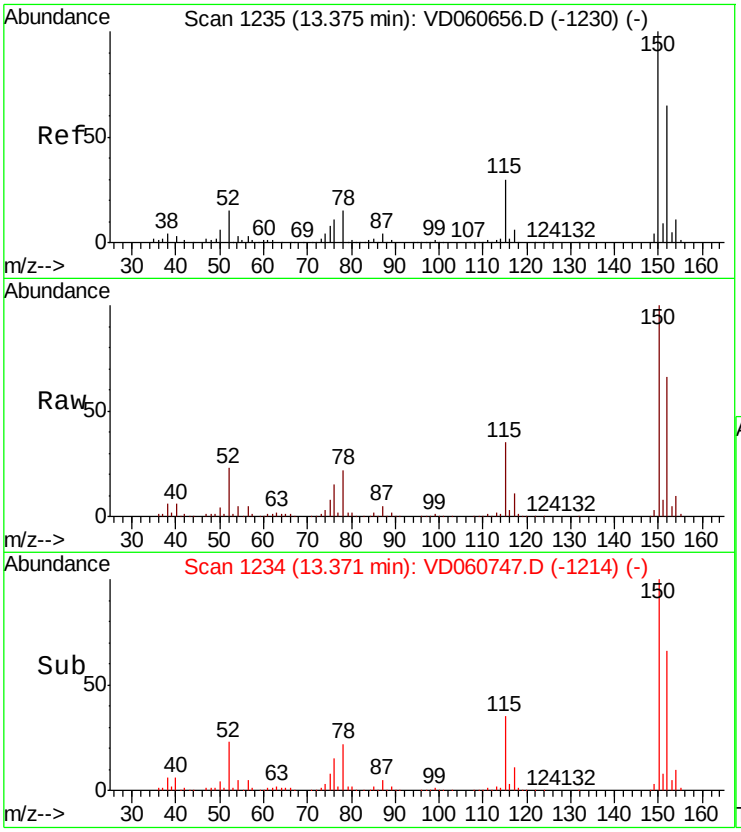


#69
o-Xylene
Concen: 1.080 ug/l
RT: 11.93 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VD060747.D
Acq: 28 Dec 2018 15:36

Tgt Ion:106 Resp: 21550

Ion	Ratio	Lower	Upper
106	100		
91	217.7	101.5	304.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1234
Delta R.T. -0.00 min
Lab File: VD060747.D
Acq: 28 Dec 2018 15:36

Instrument :
MSVOA_D
ClientSampleId :
CL-02-122718-C

Tgt Ion:152 Resp: 629379

Ion	Ratio	Lower	Upper
152	100		
115	53.5	24.1	72.3
150	152.1	0.0	315.0