Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081618\
Data File : VD059814.D
Acq On : 16 Aug 2018 16:50
Operator : VA/AP
Sample : J4460-09
Misc : 5.10g/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RA-081018-FL-009

Quant Time: Aug 17 01:10:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 15 16:08:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	289490	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.67	114	365589	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	286592	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	147771	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.99	65	174271	46.85	ug/l	-0.02
Spiked Amount 50.000			Recovery = 93.70%			
35) Dibromofluoromethane	5.52	113	155225	48.72	ug/l	-0.02
Spiked Amount 50.000			Recovery = 97.44%			
50) Toluene-d8	8.69	98	318322	42.18	ug/l	-0.02
Spiked Amount 50.000			Recovery = 84.36%			
62) 4-Bromofluorobenzene	11.91	95	137371	40.64	ug/l	-0.01
Spiked Amount 50.000			Recovery = 81.28%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.17	59	412	3.131	ug/l #	74
16) Acetone	2.59	43	47252	80.498	ug/l	92
20) Methylene Chloride	3.04	84	7974	2.045	ug/l	90
25) 2-Butanone	4.81	43	8499	9.460	ug/l	99
29) Tetrahydrofuran	4.81	42	701	1.829	ug/l #	1
31) Cyclohexane	5.61	56	7160	1.895	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	25117	6.696	ug/l #	51
37) Ethyl Acetate	4.81	43	8499	4.530	ug/l #	72
38) Carbon Tetrachloride	5.62	117	29708	6.565	ug/l #	13
81) trans-1,4-Dichloro-2-buten	11.91	75	72210	147.211	ug/l #	1

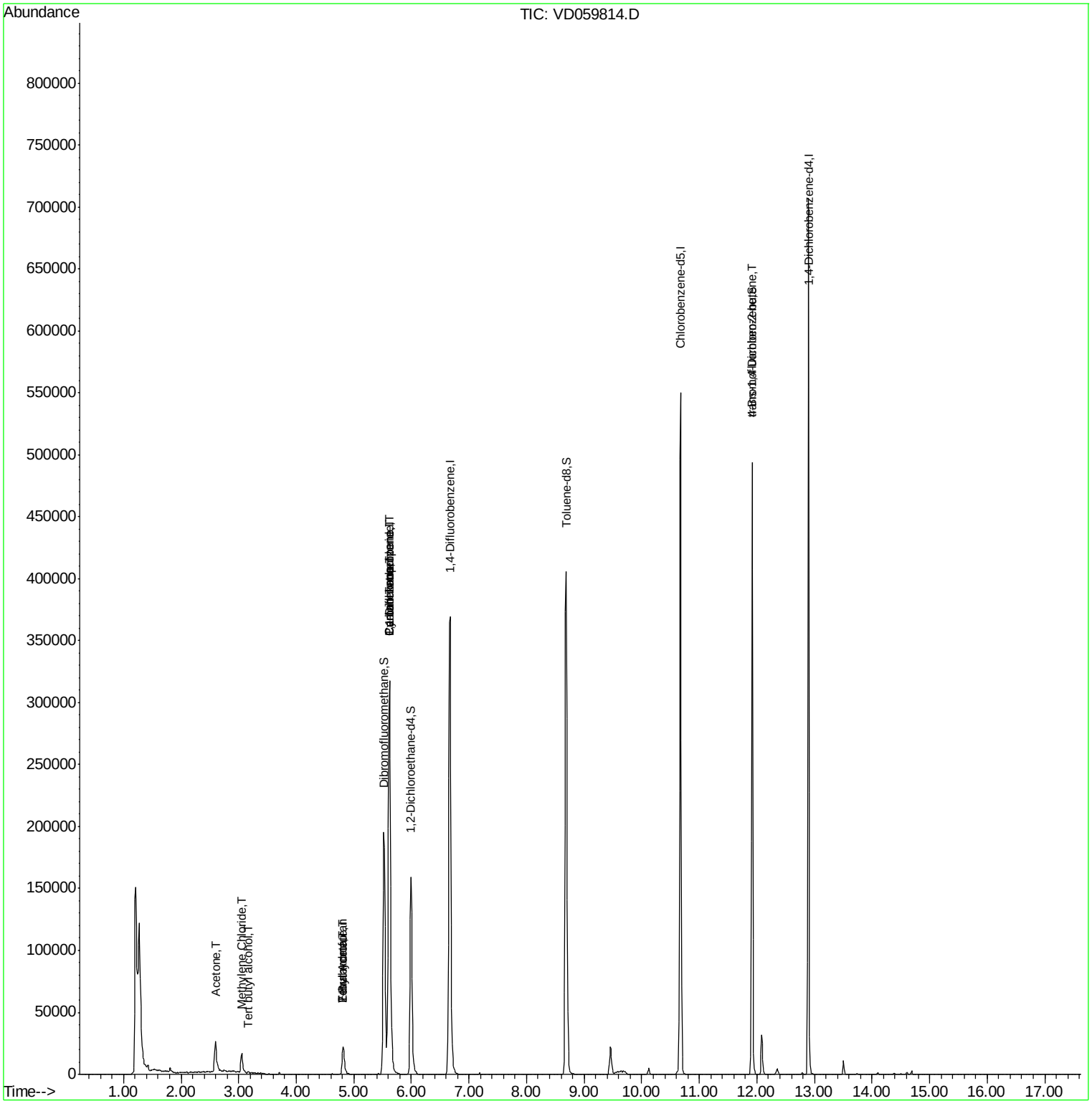
(#) = qualifier out of range (m) = manual integration (+) = signals summed

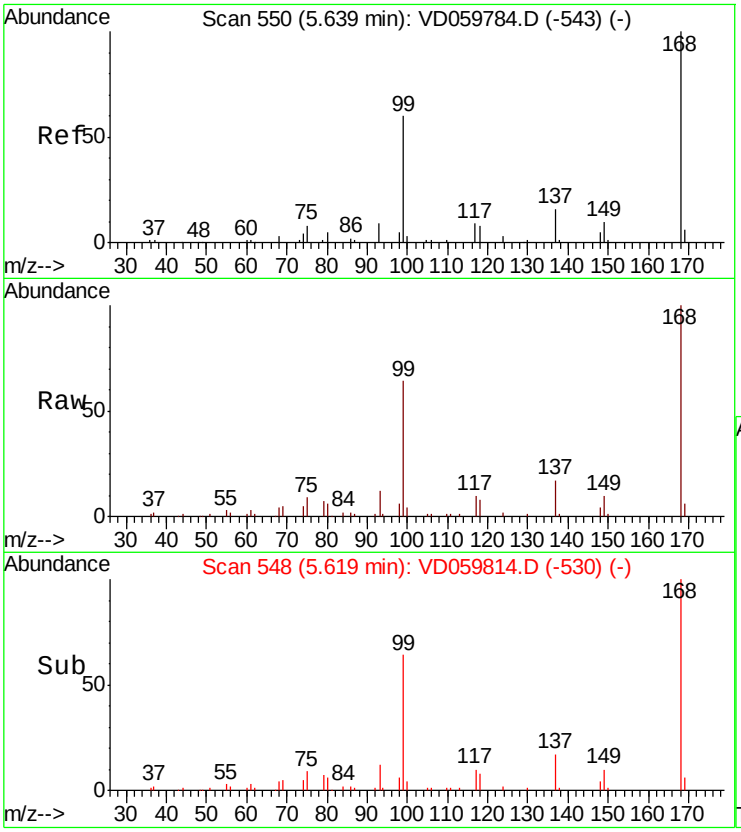
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081618\
Data File : VD059814.D
Acq On : 16 Aug 2018 16:50
Operator : VA/AP
Sample : J4460-09
Misc : 5.10g/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RA-081018-FL-009

Quant Time: Aug 17 01:10:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 15 16:08:23 2018
Response via : Initial Calibration



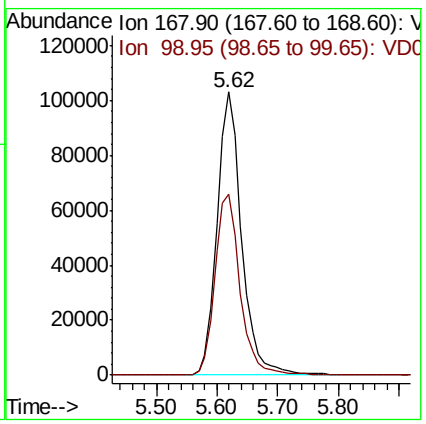


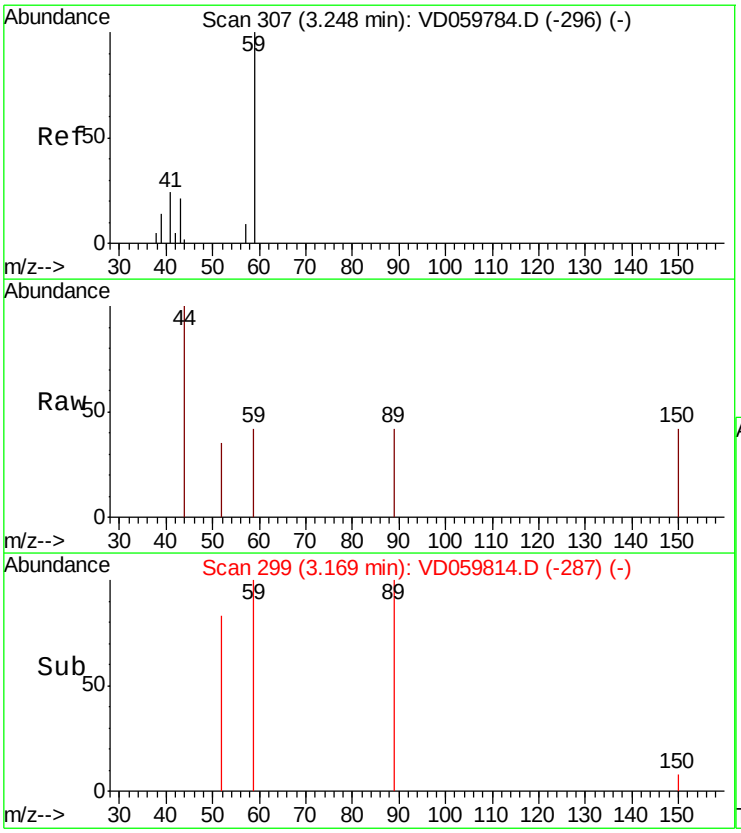
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 548
Delta R.T. -0.02 min
Lab File: VD059814.D
Acq: 16 Aug 2018 16:50

Instrument :
MSVOA_D
ClientSampleId :
RA-081018-FL-009

Tgt Ion:168 Resp: 289490

Ion	Ratio	Lower	Upper
168	100		
99	64.0	50.3	75.5

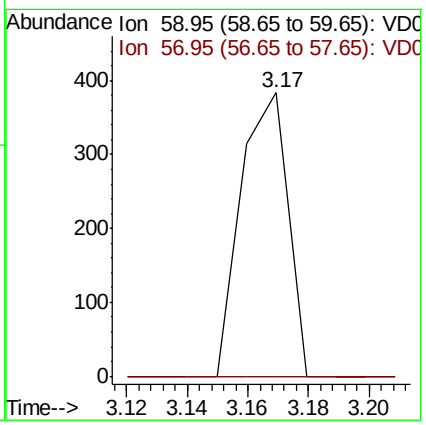


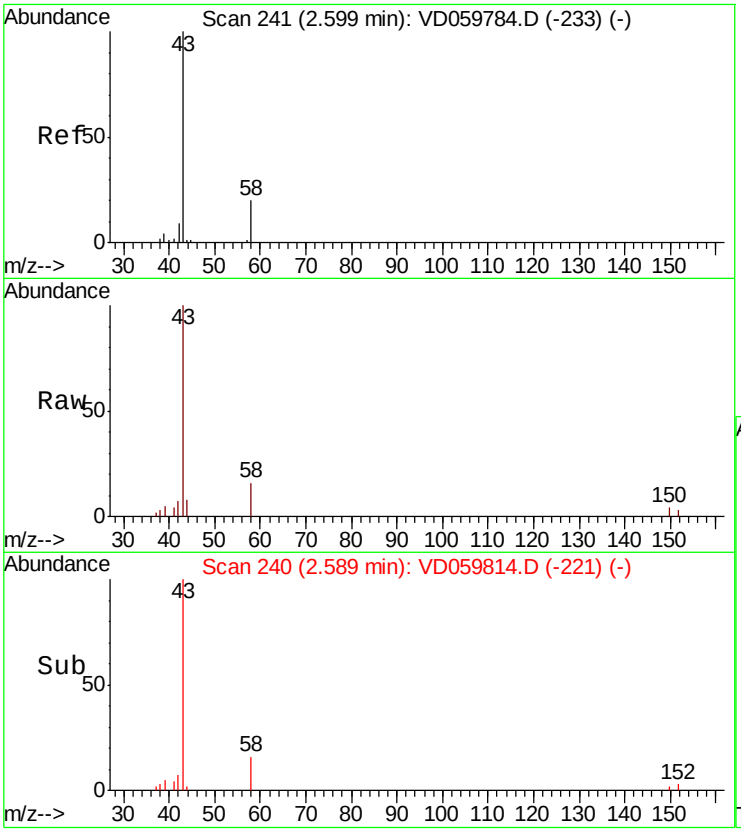


#11
Tert butyl alcohol
Concen: 3.131 ug/l
RT: 3.17 min Scan# 299
Delta R.T. -0.08 min
Lab File: VD059814.D
Acq: 16 Aug 2018 16:50

Tgt Ion: 59 Resp: 412

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.5	11.3#



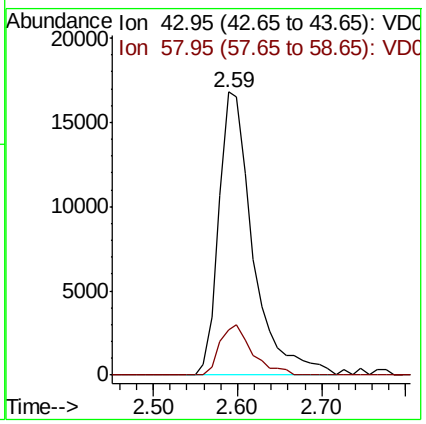


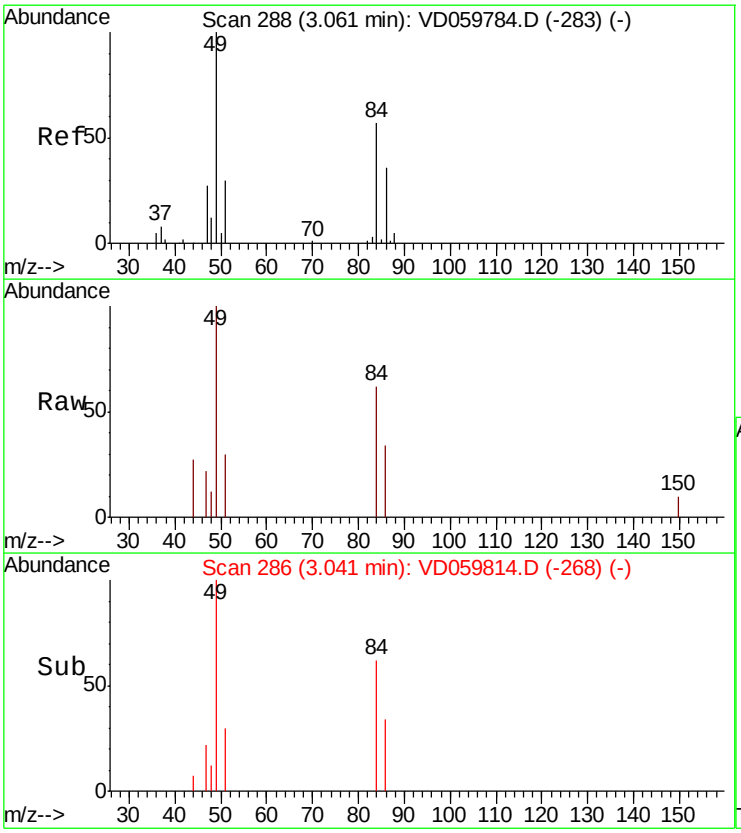
#16
Acetone
Concen: 80.498 ug/l
RT: 2.59 min Scan# 240
Delta R.T. -0.01 min
Lab File: VD059814.D
Acq: 16 Aug 2018 16:50

Instrument : MSVOA_D
ClientSampleId : RA-081018-FL-009

Tgt Ion: 43 Resp: 47252

Ion	Ratio	Lower	Upper
43	100		
58	16.0	15.7	23.5

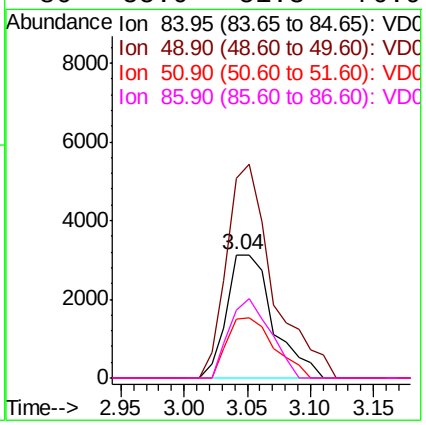


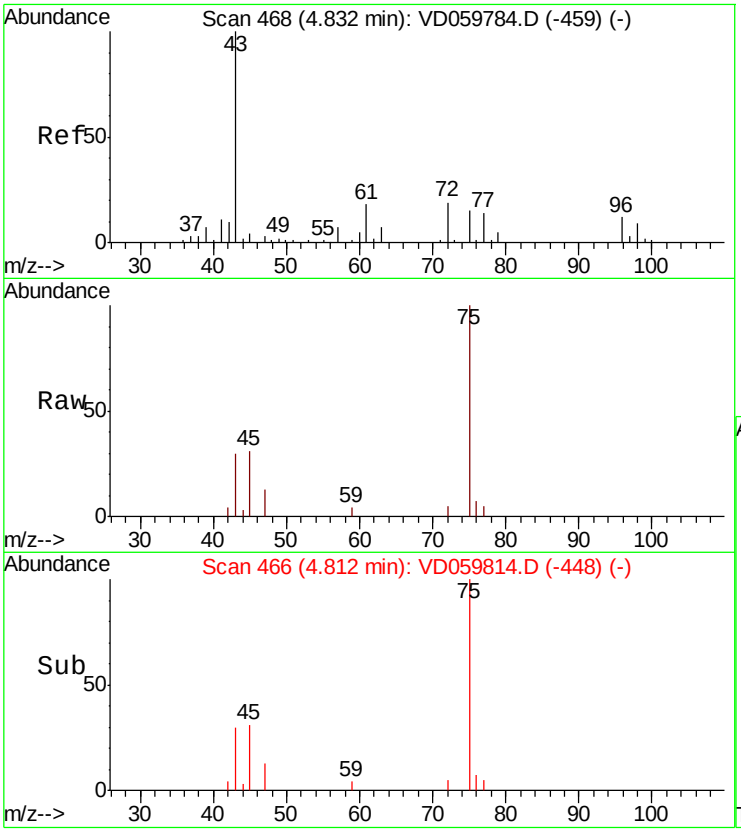


#20
Methylene Chloride
Concen: 2.045 ug/l
RT: 3.04 min Scan# 286
Delta R.T. -0.02 min
Lab File: VD059814.D
Acq: 16 Aug 2018 16:50

Tgt Ion: 84 Resp: 7974

Ion	Ratio	Lower	Upper
84	100		
49	161.7	140.9	211.3
51	48.2	42.8	64.2
86	55.0	51.3	76.9



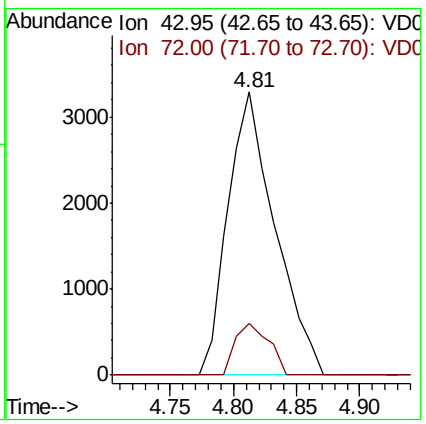


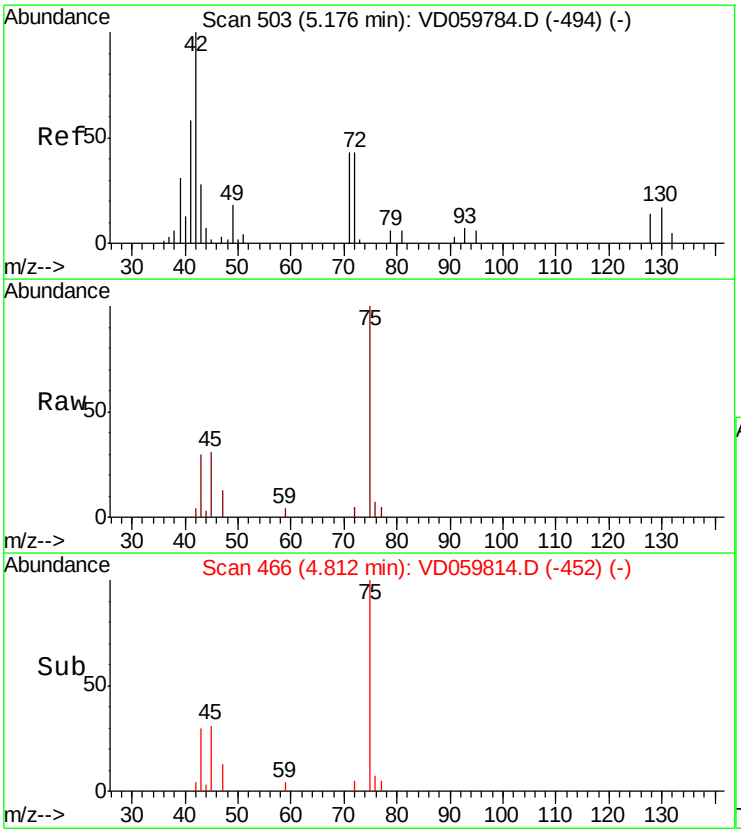
#25
2-Butanone
Concen: 9.460 ug/l
RT: 4.81 min Scan# 466
Delta R.T. -0.02 min
Lab File: VD059814.D
Acq: 16 Aug 2018 16:50

Instrument :
MSVOA_D
ClientSampleId :
RA-081018-FL-009

Tgt Ion: 43 Resp: 8499

Ion	Ratio	Lower	Upper
43	100		
72	18.3	14.9	22.3

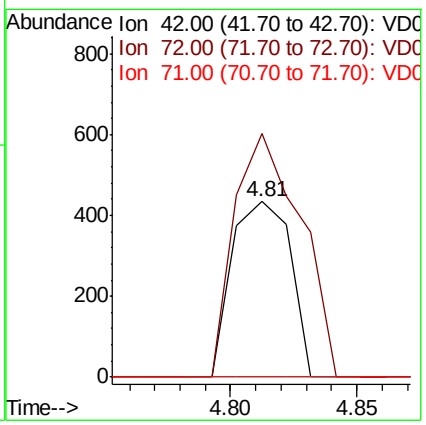


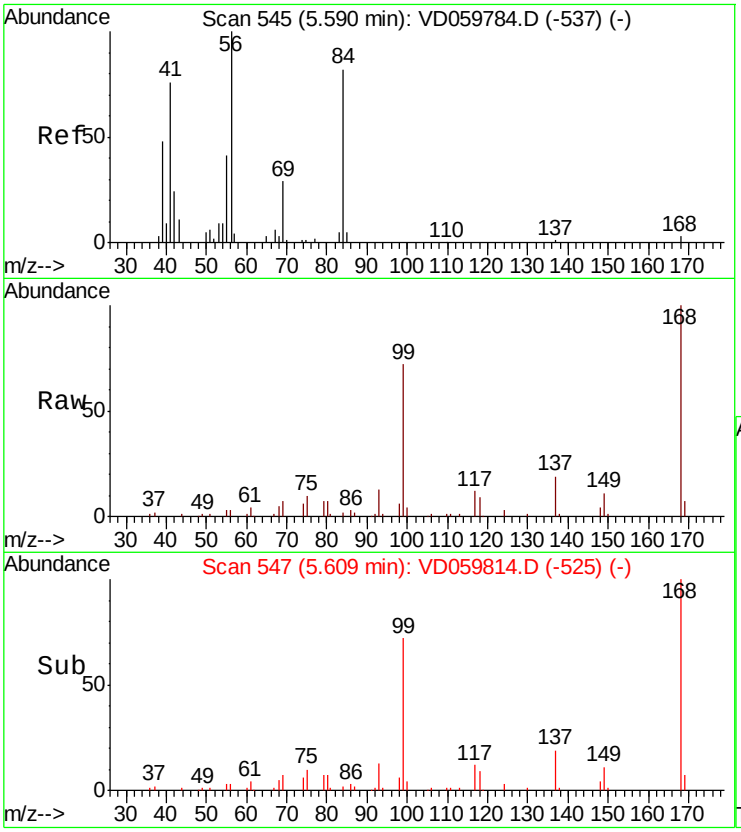


#29
Tetrahydrofuran
Concen: 1.829 ug/l
RT: 4.81 min Scan# 466
Delta R.T. -0.36 min
Lab File: VD059814.D
Acq: 16 Aug 2018 16:50

Tgt Ion: 42 Resp: 701

Ion	Ratio	Lower	Upper
42	100		
72	156.8	34.3	51.5#
71	0.0	33.0	49.6#



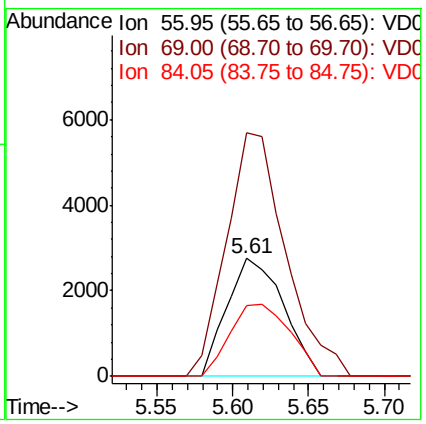


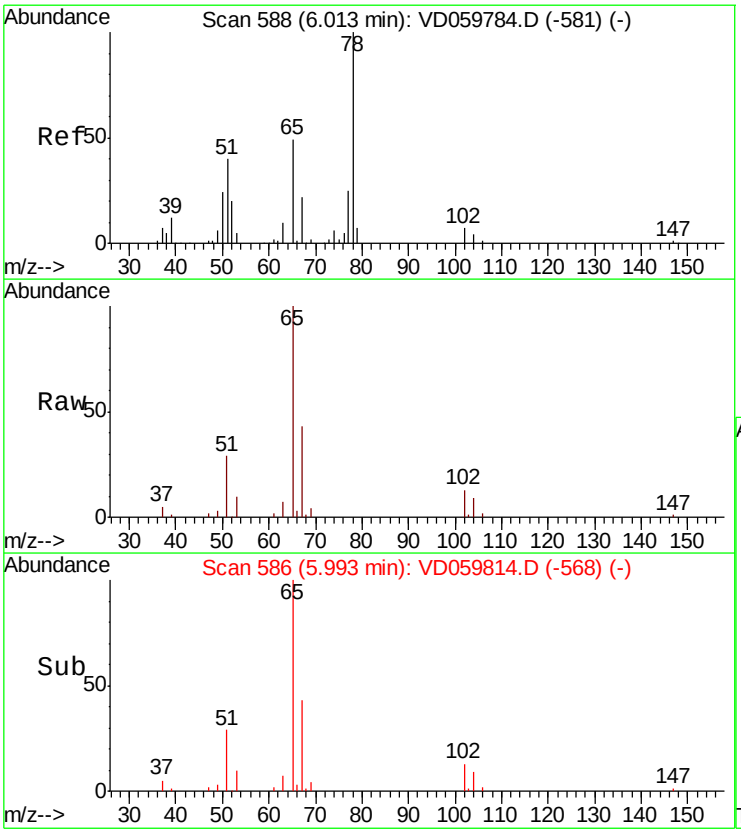
#31
Cyclohexane
Concen: 1.895 ug/l
RT: 5.61 min Scan# 547
Delta R.T. 0.02 min
Lab File: VD059814.D
Acq: 16 Aug 2018 16:50

Instrument : MSVOA_D
ClientSampleId : RA-081018-FL-009

Tgt Ion: 56 Resp: 7160

Ion	Ratio	Lower	Upper
56	100		
69	206.9	23.4	35.2#
84	60.5	65.4	98.2#

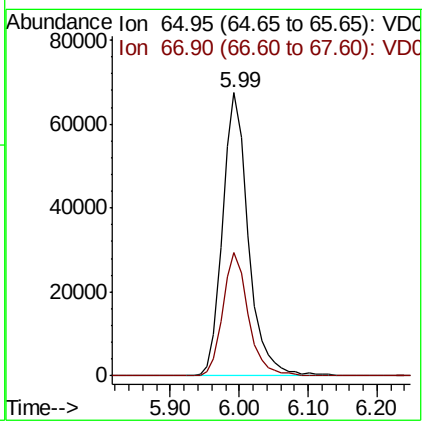


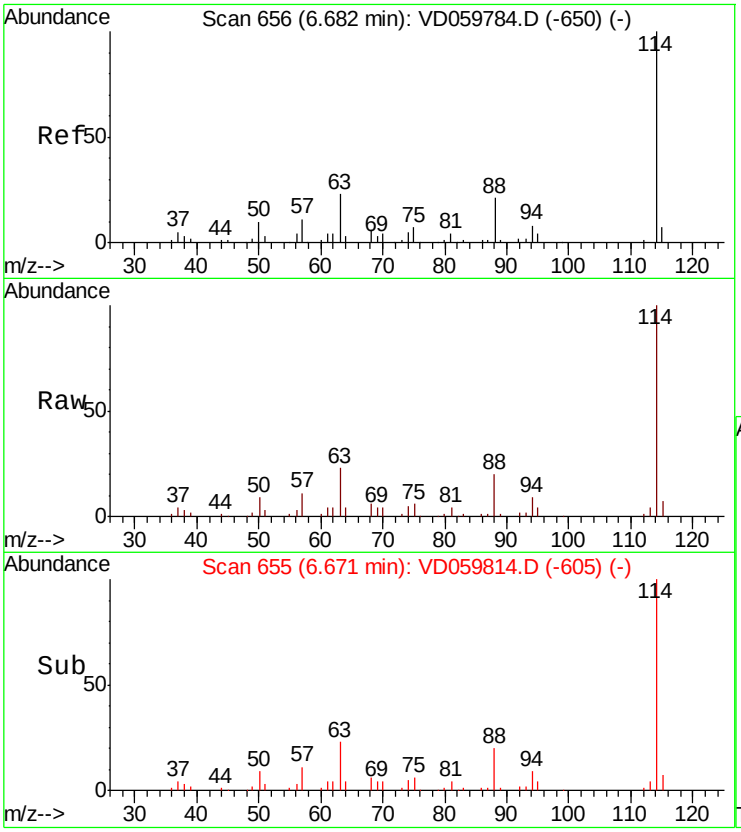


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 5.99 min Scan# 586
Delta R.T. -0.02 min
Lab File: VD059814.D
Acq: 16 Aug 2018 16:50

Tgt Ion: 65 Resp: 174271

Ion	Ratio	Lower	Upper
65	100		
67	43.4	0.0	87.8



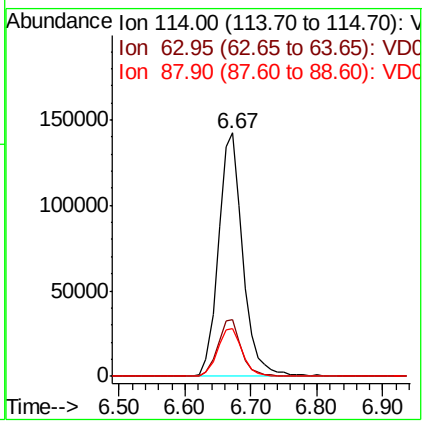


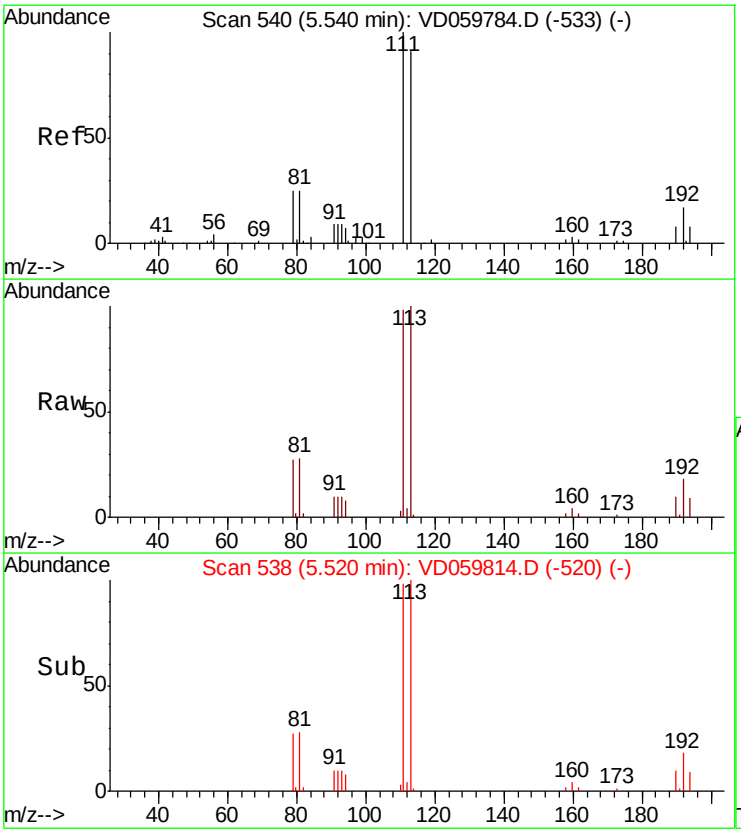
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.67 min Scan# 655
Delta R.T. -0.01 min
Lab File: VD059814.D
Acq: 16 Aug 2018 16:50

Instrument :
MSVOA_D
ClientSampleId :
RA-081018-FL-009

Tgt Ion:114 Resp: 365589

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	45.0
88	19.8	0.0	41.2

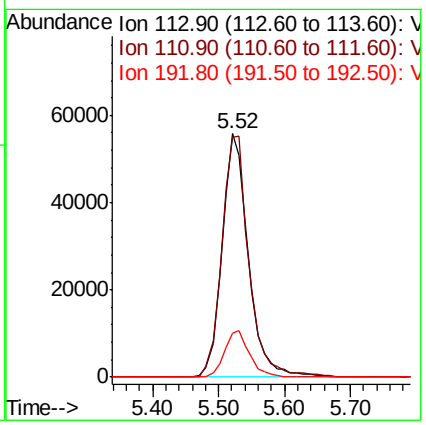


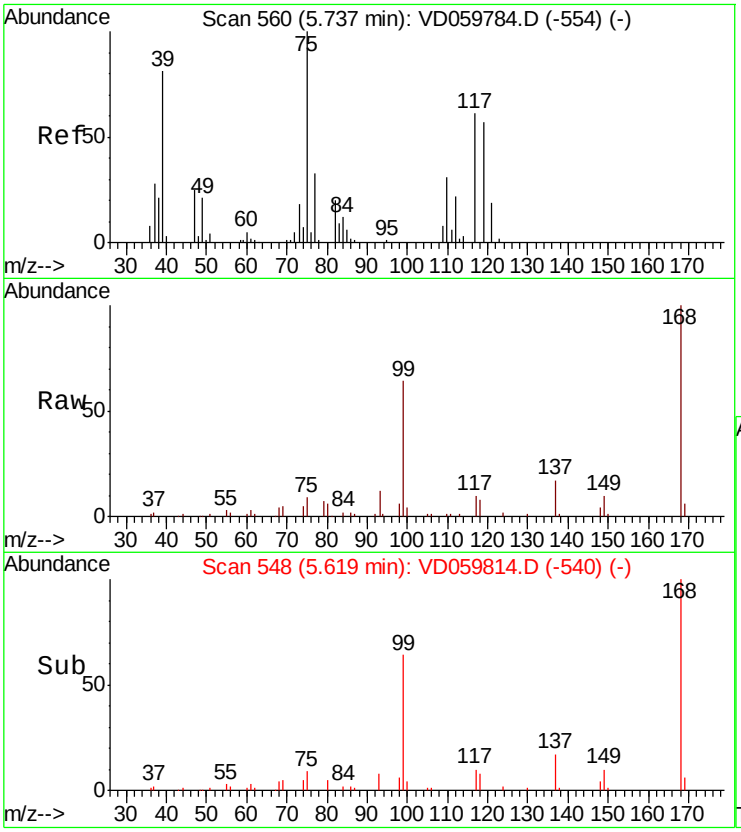


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.52 min Scan# 538
Delta R.T. -0.02 min
Lab File: VD059814.D
Acq: 16 Aug 2018 16:50

Tgt Ion:113 Resp: 155225

Ion	Ratio	Lower	Upper
113	100		
111	98.3	87.7	131.5
192	18.3	14.6	21.8



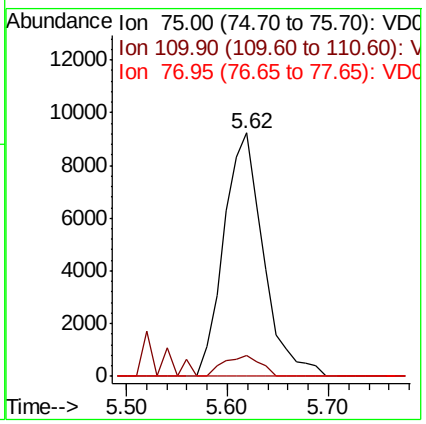


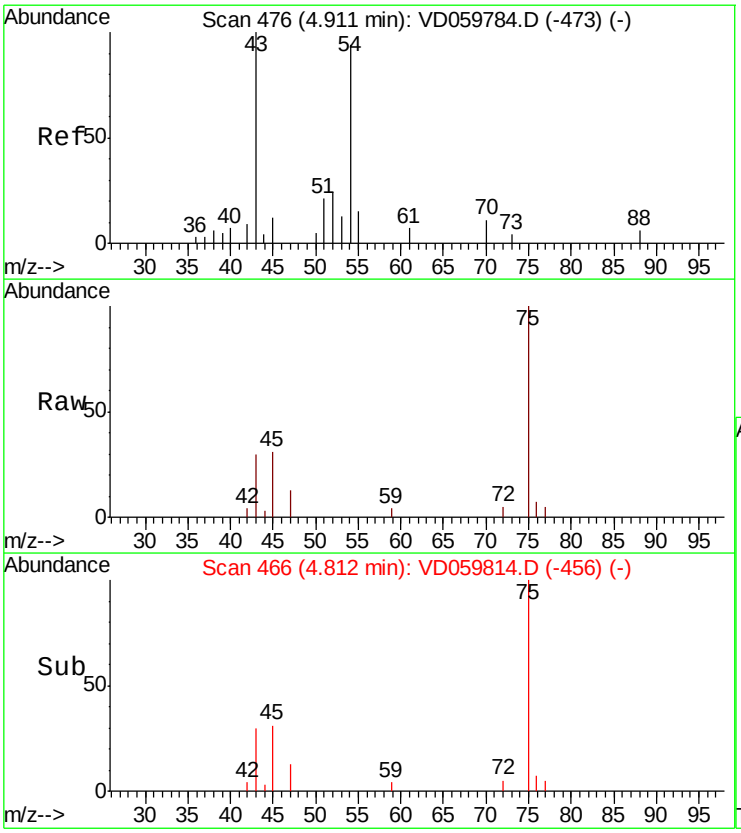
#36
1,1-Dichloropropene
Concen: 6.696 ug/l
RT: 5.62 min Scan# 548
Delta R.T. -0.12 min
Lab File: VD059814.D
Acq: 16 Aug 2018 16:50

Instrument :
MSVOA_D
ClientSampleId :
RA-081018-FL-009

Tgt Ion: 75 Resp: 25117

Ion	Ratio	Lower	Upper
75	100		
110	8.8	15.3	45.8#
77	0.0	26.2	39.4#

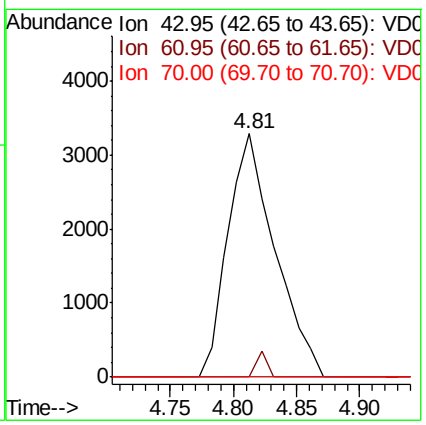


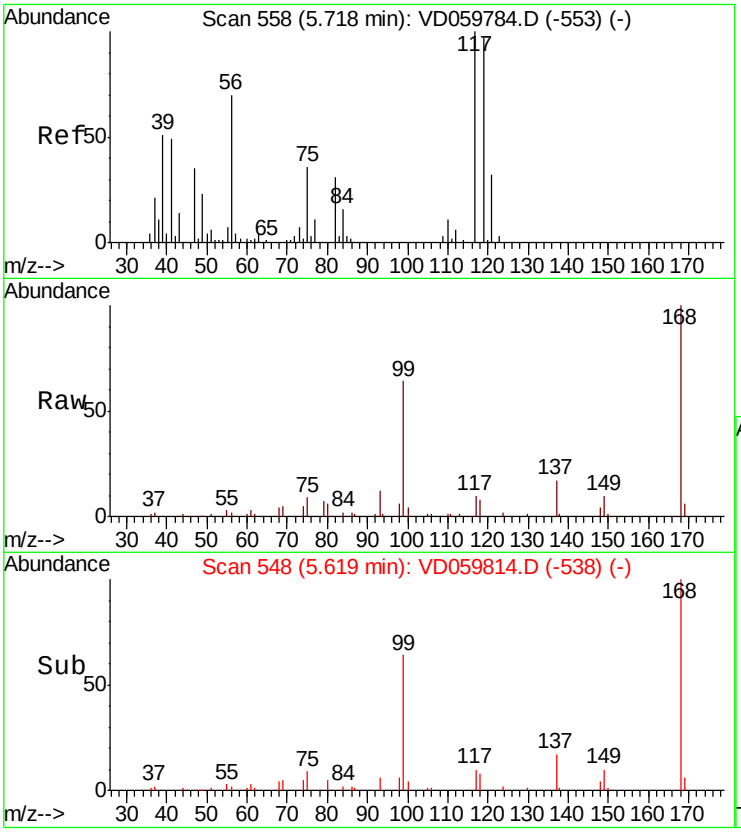


#37
Ethyl Acetate
Concen: 4.530 ug/l
RT: 4.81 min Scan# 466
Delta R.T. -0.10 min
Lab File: VD059814.D
Acq: 16 Aug 2018 16:50

Tgt Ion: 43 Resp: 8499

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.2	15.2#
70	0.0	5.8	8.8#



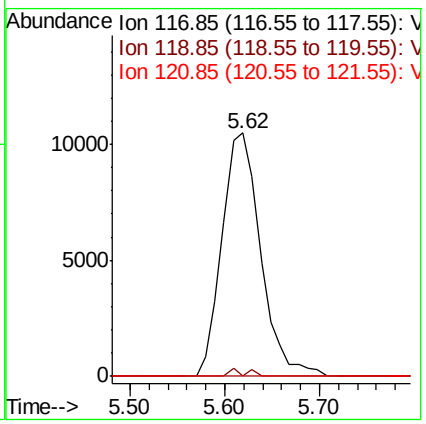


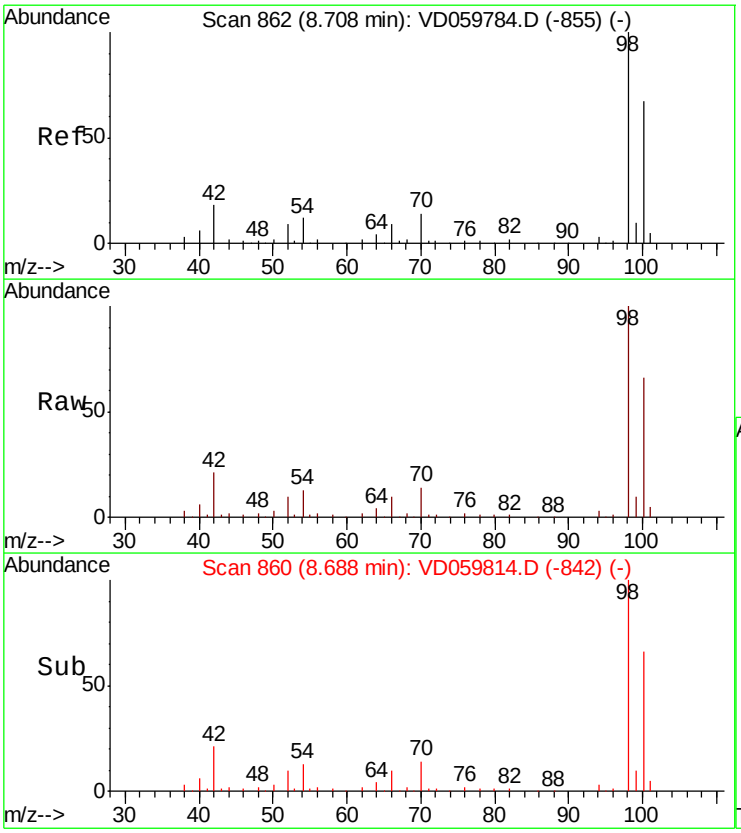
#38
Carbon Tetrachloride
Concen: 6.565 ug/l
RT: 5.62 min Scan# 548
Delta R.T. -0.10 min
Lab File: VD059814.D
Acq: 16 Aug 2018 16:50

Instrument : MSVOA_D
ClientSampleId : RA-081018-FL-009

Tgt Ion:117 Resp: 29708

Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.7	113.5#
121	0.0	24.7	37.1#

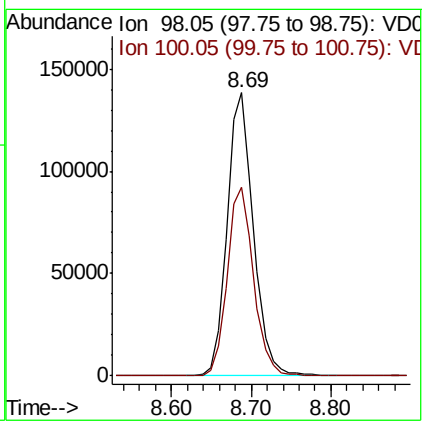


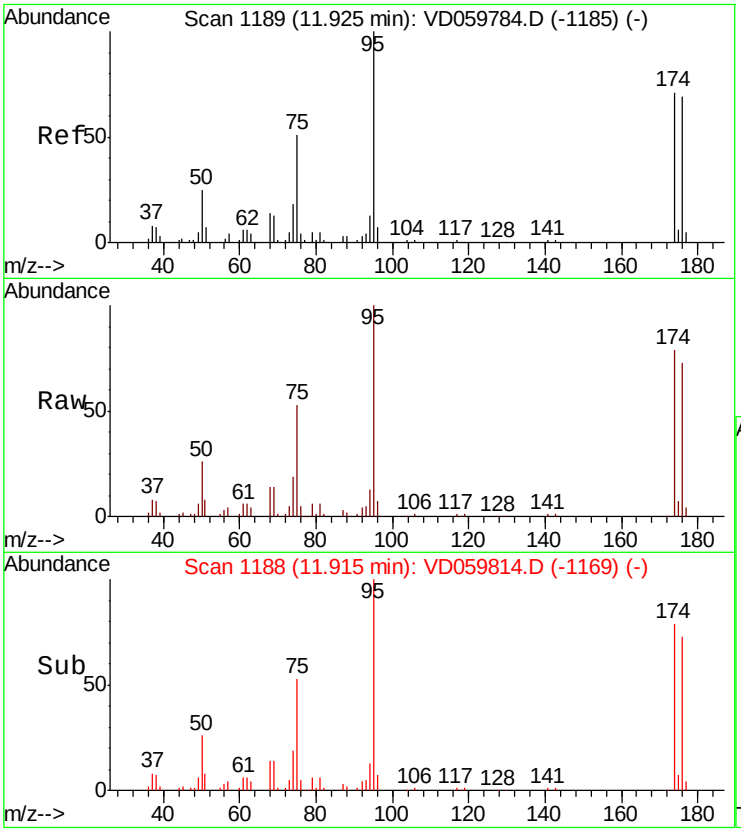


#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 860
Delta R.T. -0.02 min
Lab File: VD059814.D
Acq: 16 Aug 2018 16:50

Tgt Ion: 98 Resp: 318322

Ion	Ratio	Lower	Upper
98	100		
100	66.4	54.2	81.4



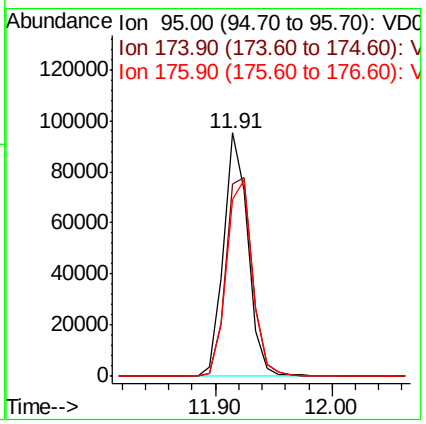


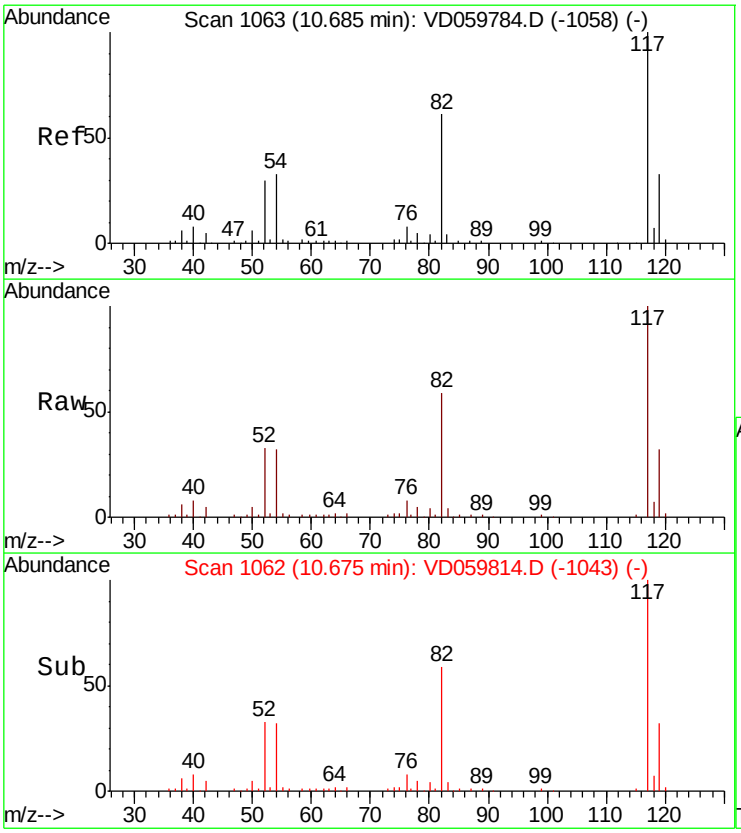
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.91 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VD059814.D
Acq: 16 Aug 2018 16:50

Instrument :
MSVOA_D
ClientSampleId :
RA-081018-FL-009

Tgt Ion: 95 Resp: 137371

Ion	Ratio	Lower	Upper
95	100		
174	78.9	0.0	142.2
176	72.8	0.0	137.4

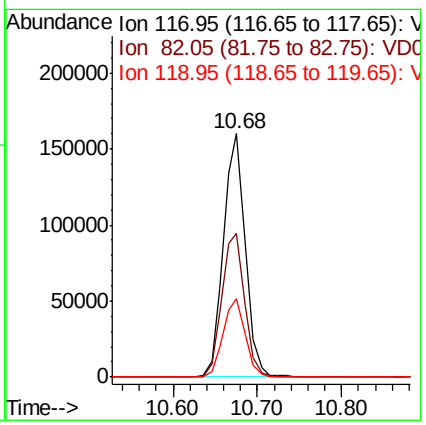


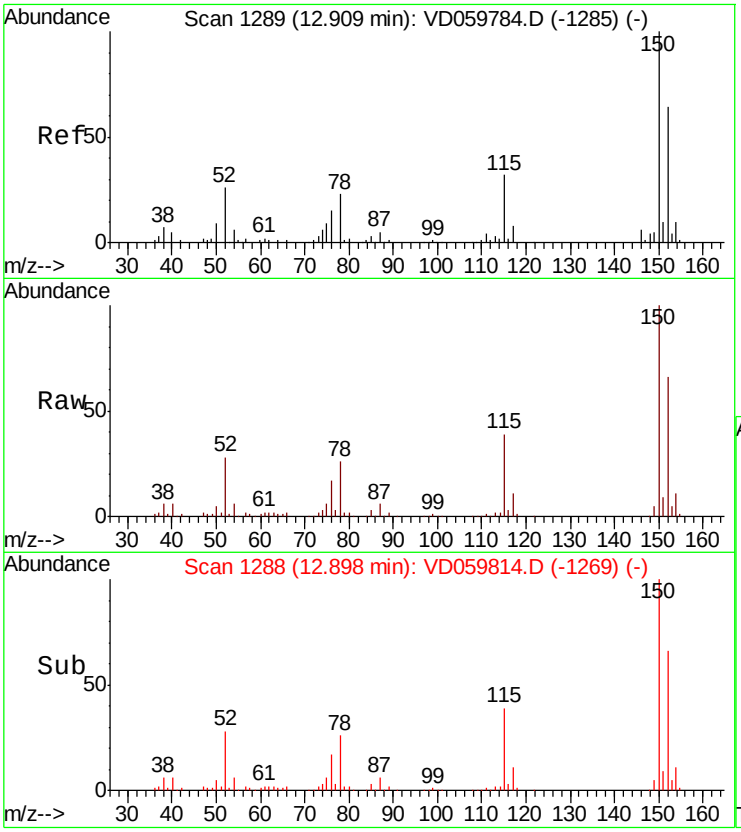


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD059814.D
Acq: 16 Aug 2018 16:50

Tgt Ion:117 Resp: 286592

Ion	Ratio	Lower	Upper
117	100		
82	59.0	49.0	73.6
119	32.0	26.2	39.2



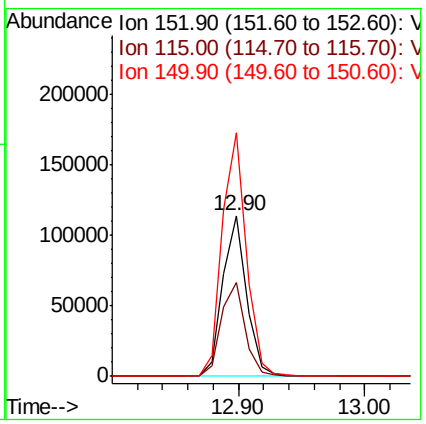


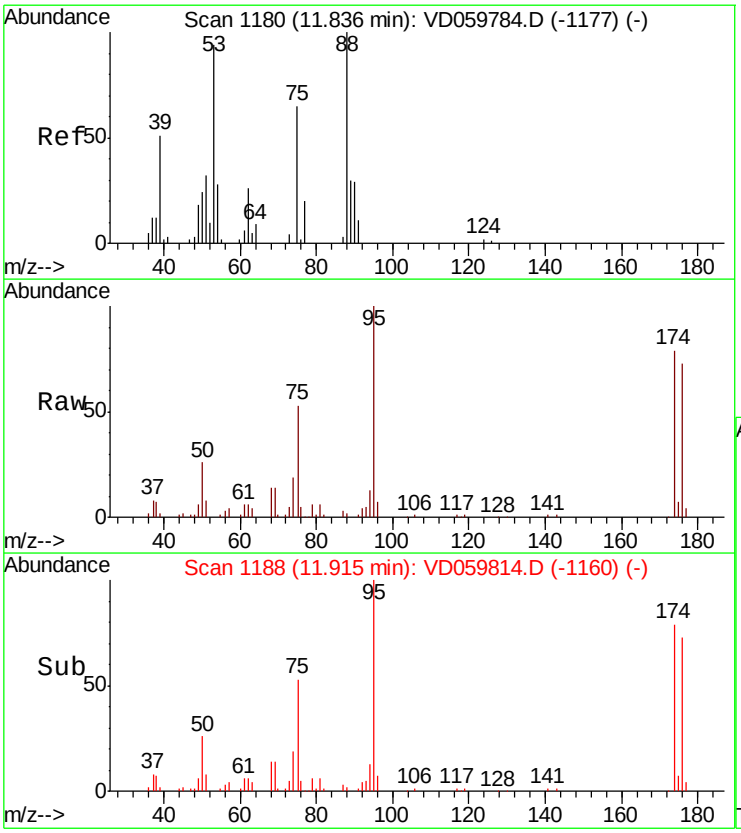
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD059814.D
Acq: 16 Aug 2018 16:50

Instrument :
MSVOA_D
ClientSampleId :
RA-081018-FL-009

Tgt Ion:152 Resp: 147771

Ion	Ratio	Lower	Upper
152	100		
115	58.3	27.2	81.5
150	151.2	0.0	312.4





#81
trans-1,4-Dichloro-2-butene
Concen: 147.211 ug/l
RT: 11.91 min Scan# 1188
Delta R.T. 0.08 min
Lab File: VD059814.D
Acq: 16 Aug 2018 16:50

Tgt Ion: 75 Resp: 72210

Ion	Ratio	Lower	Upper
75	100		
53	0.0	116.2	174.2#
89	0.0	37.0	55.6#