Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082018\
Data File : VD059838.D
Acq On : 20 Aug 2018 18:43
Operator : JC/SY
Sample : J4501-05RE
Misc : 5.01g/5ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RA-081318-FL-020

Quant Time: Aug 21 05:11:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 21 04:40:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.59	168	943220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.64	114	1335252	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.65	117	1004973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	442586	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.96	65	407953	54.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.08%			
35) Dibromofluoromethane	5.49	113	531364	53.80	ug/l	-0.01
Spiked Amount 50.000			Recovery = 107.60%			
50) Toluene-d8	8.66	98	1397048	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.92%			
62) 4-Bromofluorobenzene	11.90	95	469834	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.96%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.20	59	422	1.512	ug/l #	1
13) Acrolein	2.44	56	1593	6.623	ug/l #	63
16) Acetone	2.57	43	69967	55.300	ug/l	99
17) Carbon Disulfide	2.72	76	1449	Below Cal	#	76
18) Methyl Acetate	2.88	43	1450	Below Cal	#	65
25) 2-Butanone	4.78	43	29345	7.673	ug/l	97
29) Tetrahydrofuran	5.13	42	3824	1.975	ug/l #	42
31) Cyclohexane	5.59	56	21121	Below Cal	#	1
36) 1,1-Dichloropropene	5.59	75	66058	5.833	ug/l #	46
38) Carbon Tetrachloride	5.59	117	78409	6.938	ug/l #	15
67) Ethyl Benzene	10.83	91	1511	Below Cal	#	43
80) 1,3,5-Trimethylbenzene	12.29	105	514	Below Cal	#	53
81) trans-1,4-Dichloro-2-buten	11.90	75	185198	80.910	ug/l #	10
82) 4-Chlorotoluene	12.30	91	1563	Below Cal		95
89) n-Butylbenzene	13.17	91	733	Below Cal	#	85
91) 1,2-Dichlorobenzene	13.17	146	623	Below Cal	#	66

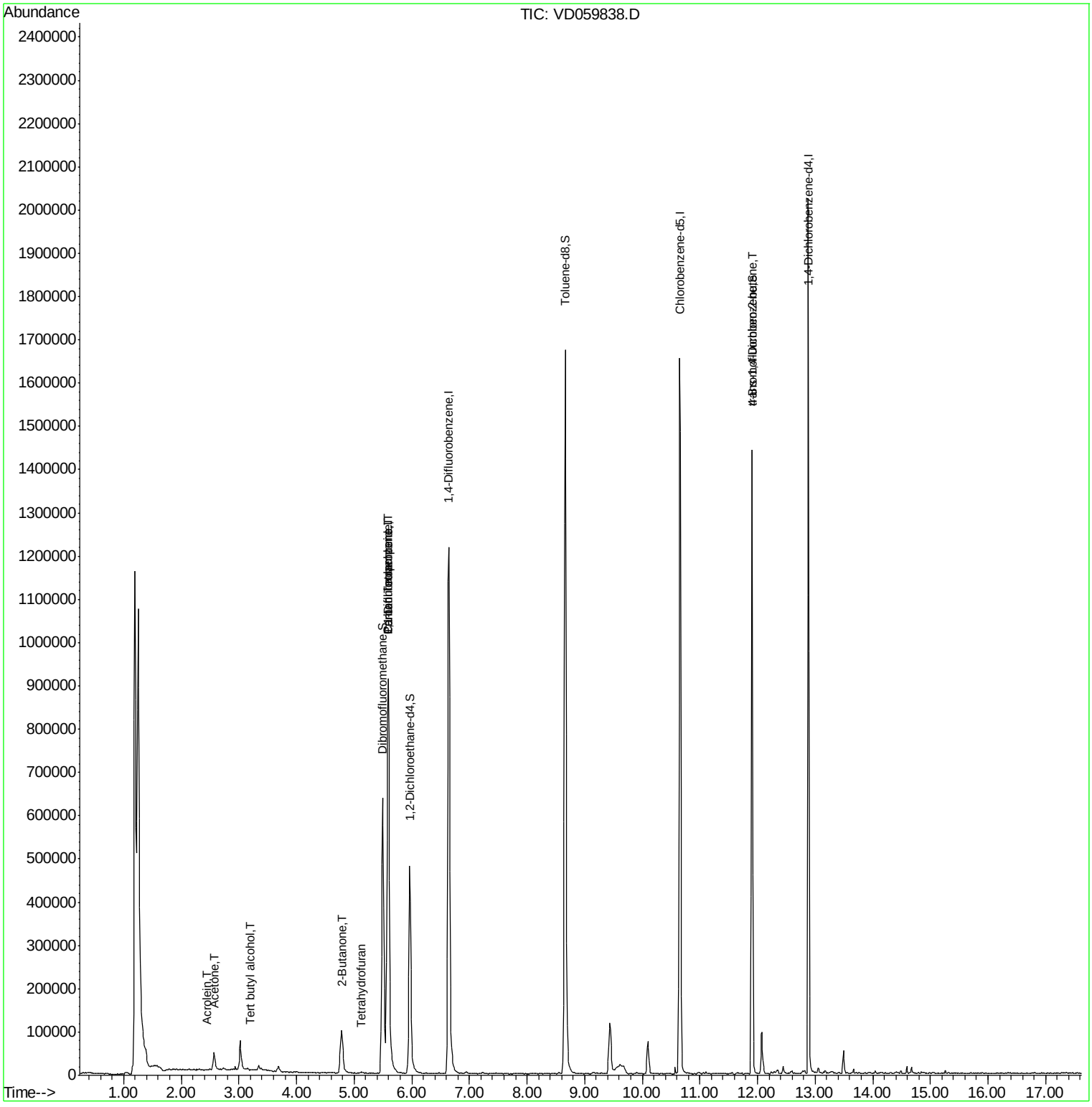
(#) = qualifier out of range (m) = manual integration (+) = signals summed

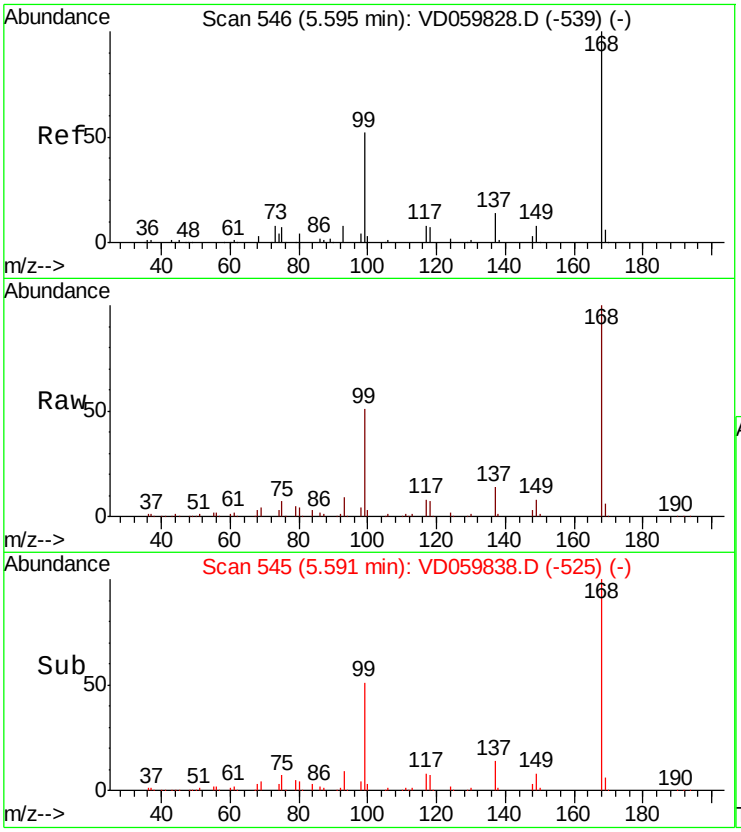
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082018\
Data File : VD059838.D
Acq On : 20 Aug 2018 18:43
Operator : JC/SY
Sample : J4501-05RE
Misc : 5.01g/5ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RA-081318-FL-020

Quant Time: Aug 21 05:11:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 21 04:40:12 2018
Response via : Initial Calibration



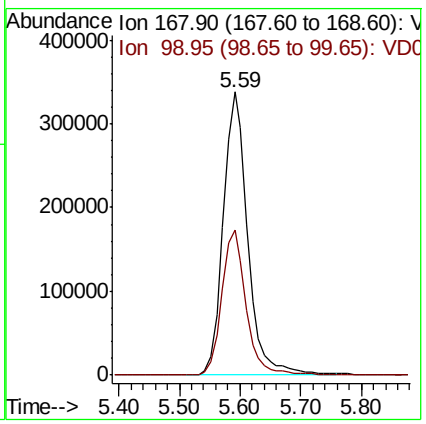


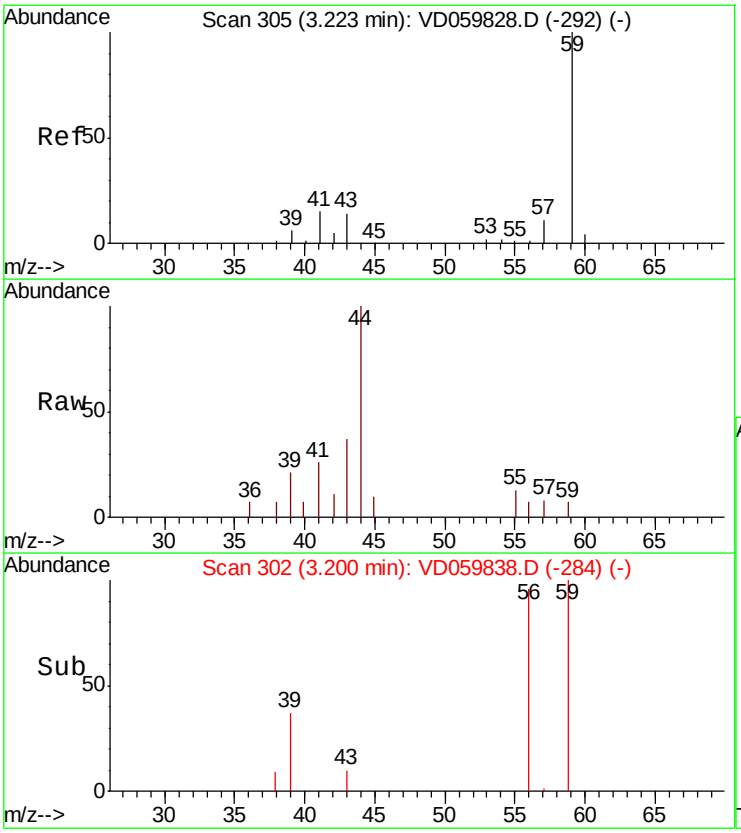
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 545
Delta R.T. -0.00 min
Lab File: VD059838.D
Acq: 20 Aug 2018 18:43

Instrument :
MSVOA_D
ClientSampleId :
RA-081318-FL-020

Tgt Ion:168 Resp: 943220

Ion	Ratio	Lower	Upper
168	100		
99	51.3	43.6	65.4

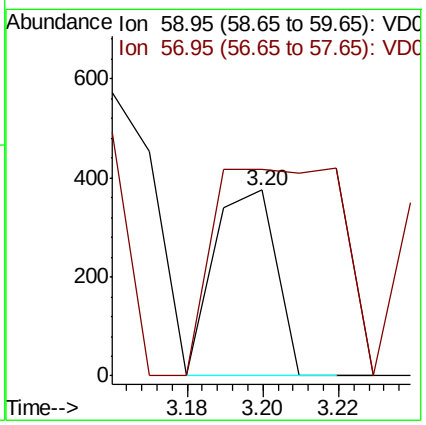


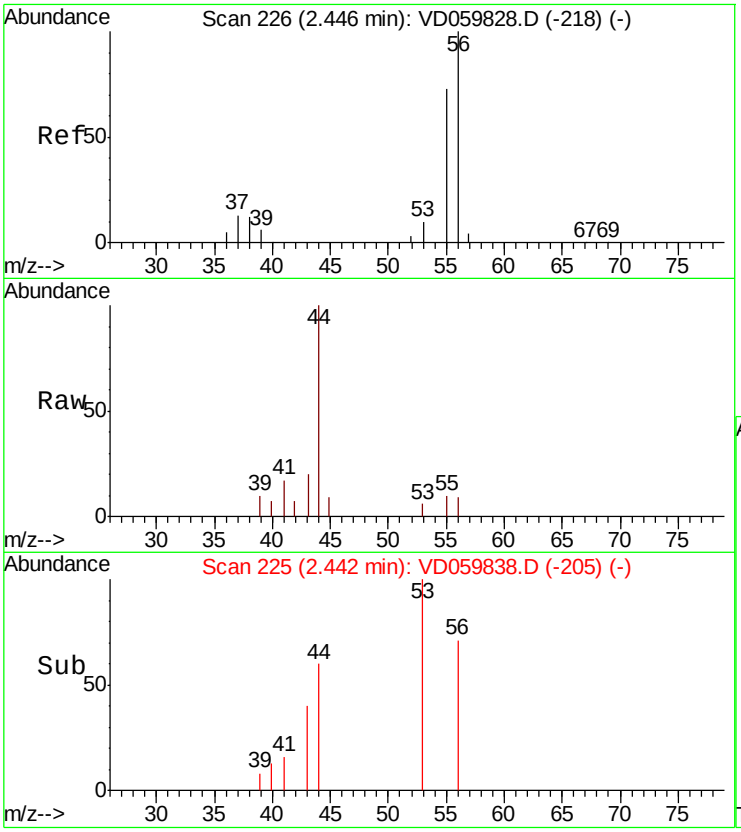


#11
Tert butyl alcohol
Concen: 1.512 ug/l
RT: 3.20 min Scan# 302
Delta R.T. -0.02 min
Lab File: VD059838.D
Acq: 20 Aug 2018 18:43

Tgt Ion: 59 Resp: 422

Ion	Ratio	Lower	Upper
59	100		
57	111.5	10.3	15.5#



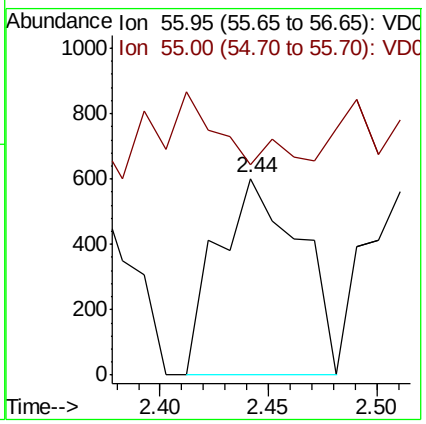


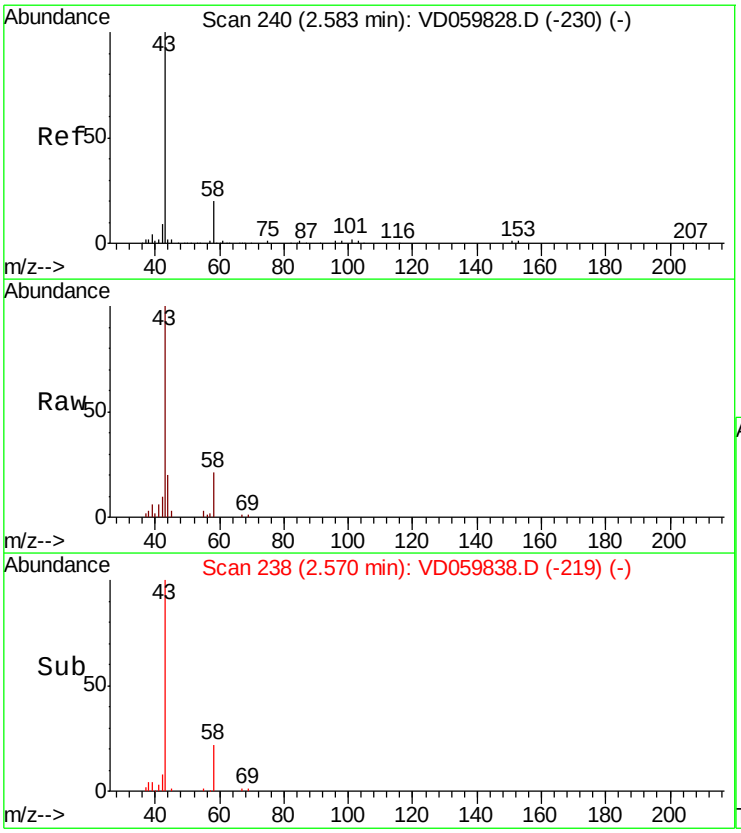
#13
Acrolein
Concen: 6.623 ug/l
RT: 2.44 min Scan# 225
Delta R.T. -0.00 min
Lab File: VD059838.D
Acq: 20 Aug 2018 18:43

Instrument :
MSVOA_D
ClientSampleId :
RA-081318-FL-020

Tgt Ion: 56 Resp: 1593

Ion	Ratio	Lower	Upper
56	100		
55	106.8	60.4	90.6#

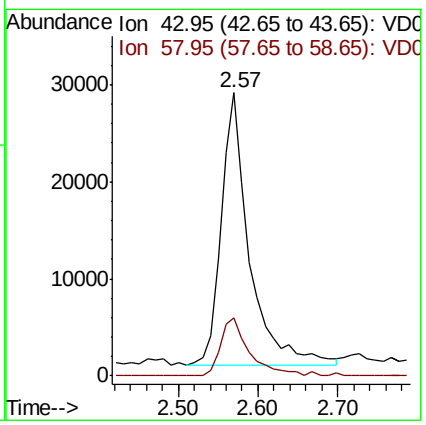


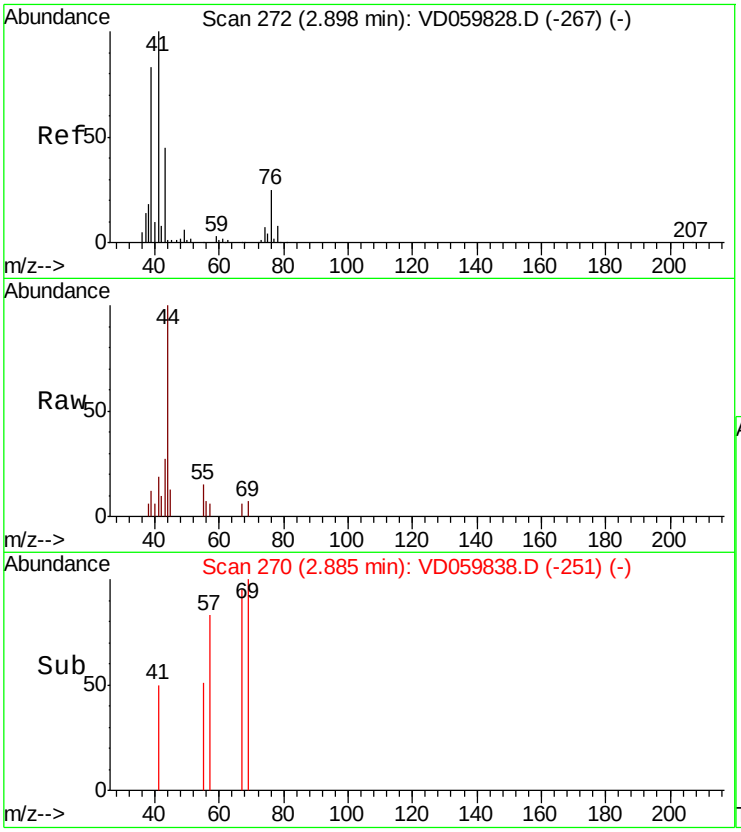


#16
Acetone
Concen: 55.300 ug/l
RT: 2.57 min Scan# 238
Delta R.T. -0.01 min
Lab File: VD059838.D
Acq: 20 Aug 2018 18:43

Tgt Ion: 43 Resp: 69967

Ion	Ratio	Lower	Upper
43	100		
58	20.5	16.2	24.2



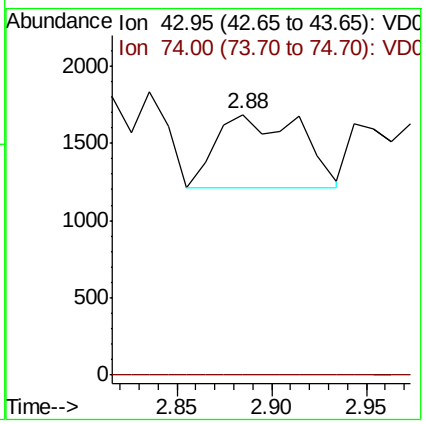


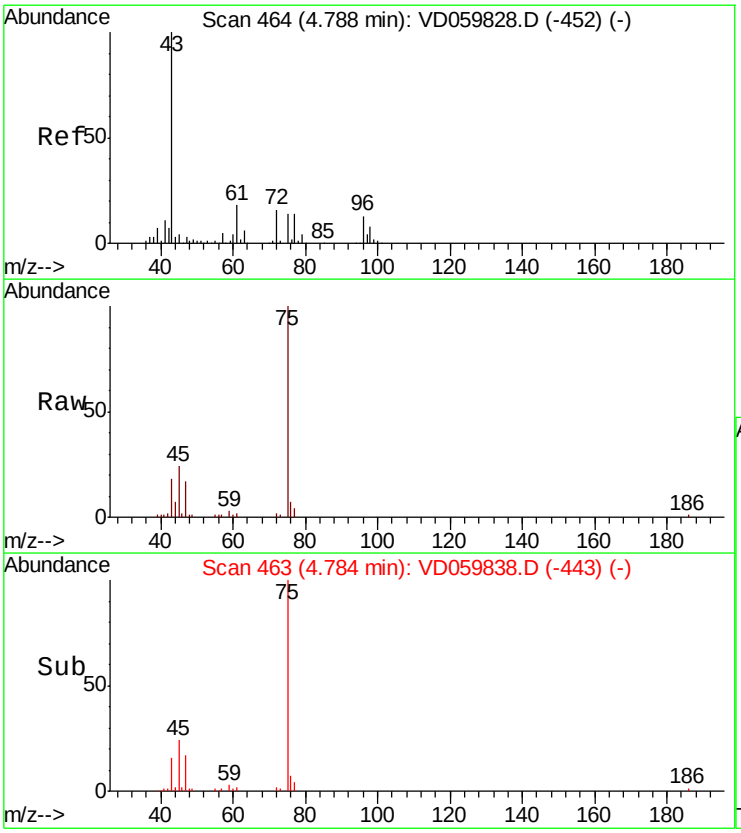
#18
Methyl Acetate
Concen: Below Cal
RT: 2.88 min Scan# 270
Delta R.T. -0.01 min
Lab File: VD059838.D
Acq: 20 Aug 2018 18:43

Instrument :
MSVOA_D
ClientSampleId :
RA-081318-FL-020

Tgt Ion: 43 Resp: 1450

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.4	17.0#

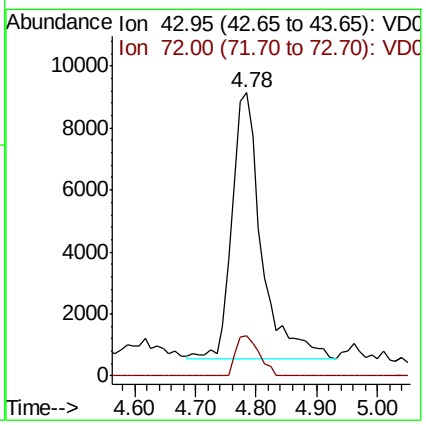


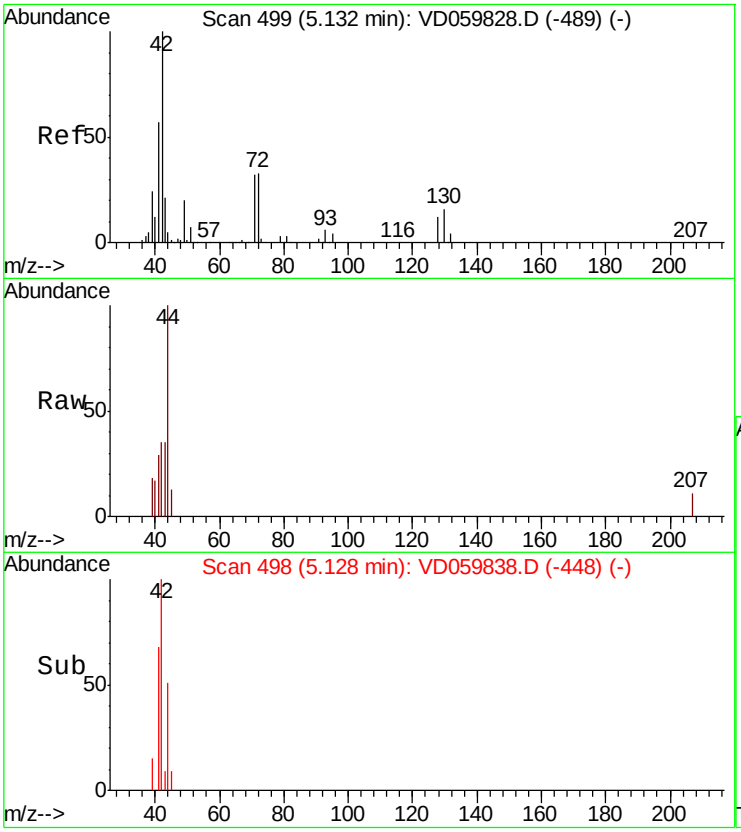


#25
2-Butanone
Concen: 7.673 ug/l
RT: 4.78 min Scan# 463
Delta R.T. -0.00 min
Lab File: VD059838.D
Acq: 20 Aug 2018 18:43

Tgt Ion: 43 Resp: 29345

Ion	Ratio	Lower	Upper
43	100		
72	14.0	12.4	18.6



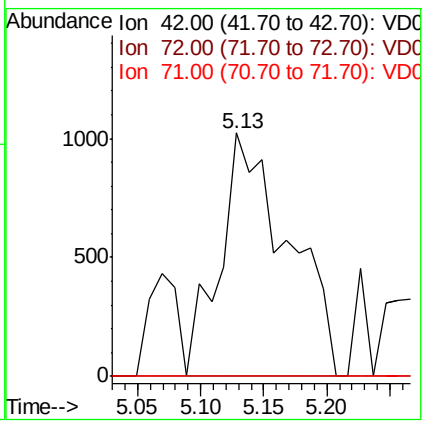


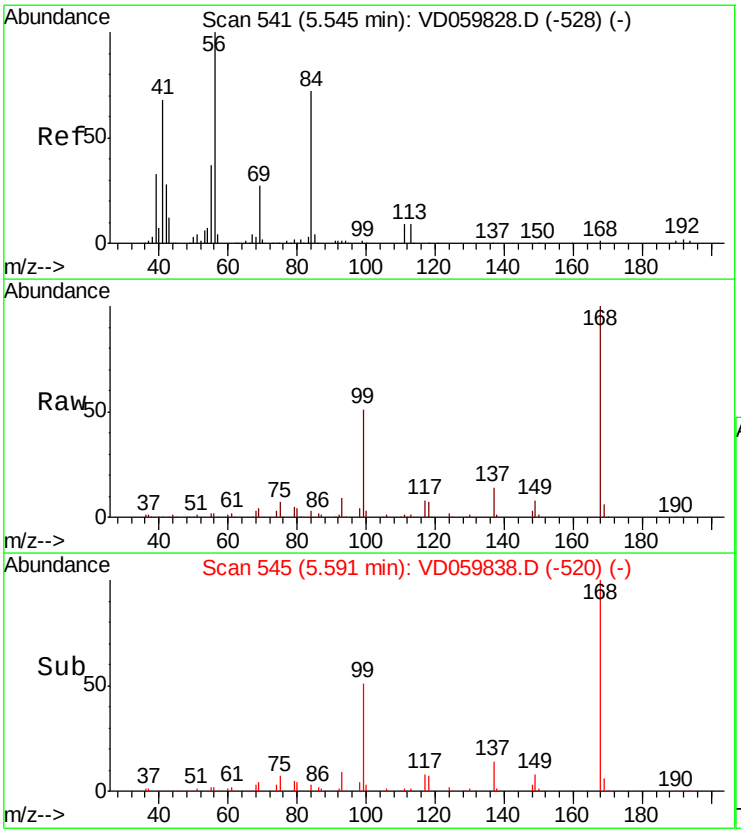
#29
Tetrahydrofuran
Concen: 1.975 ug/l
RT: 5.13 min Scan# 498
Delta R.T. -0.00 min
Lab File: VD059838.D
Acq: 20 Aug 2018 18:43

Instrument : MSVOA_D
ClientSampleId : RA-081318-FL-020

Tgt Ion: 42 Resp: 3824

Ion	Ratio	Lower	Upper
42	100		
72	0.0	25.8	38.6#
71	0.0	25.7	38.5#

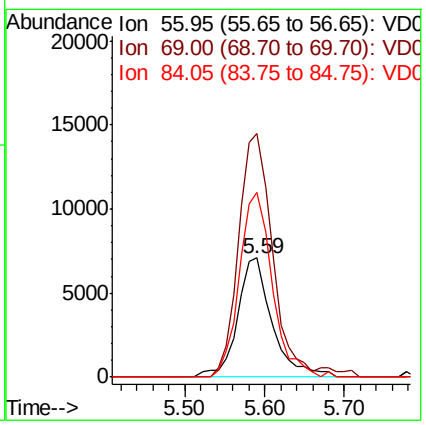


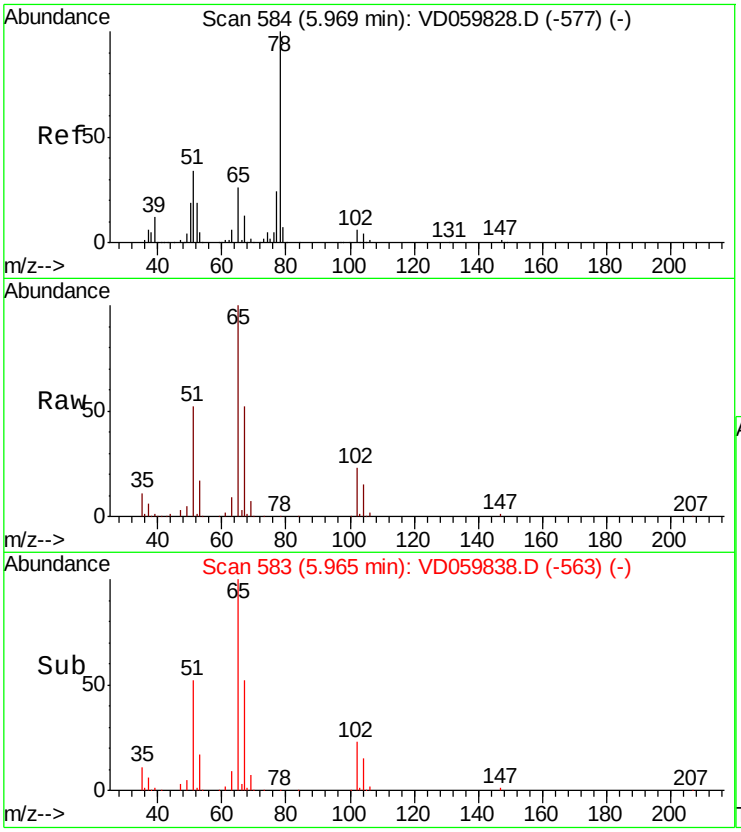


#31
Cyclohexane
Concen: Below Cal
RT: 5.59 min Scan# 545
Delta R.T. 0.05 min
Lab File: VD059838.D
Acq: 20 Aug 2018 18:43

Tgt Ion: 56 Resp: 21121

Ion	Ratio	Lower	Upper
56	100		
69	204.7	21.7	32.5#
84	155.7	57.8	86.6#



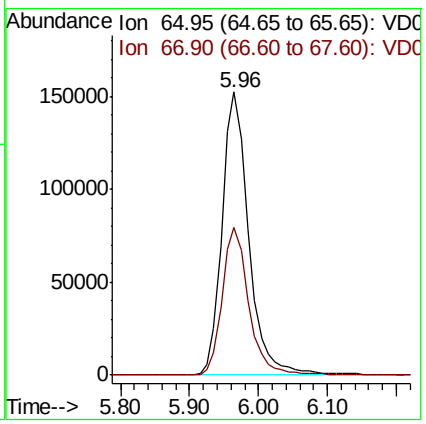


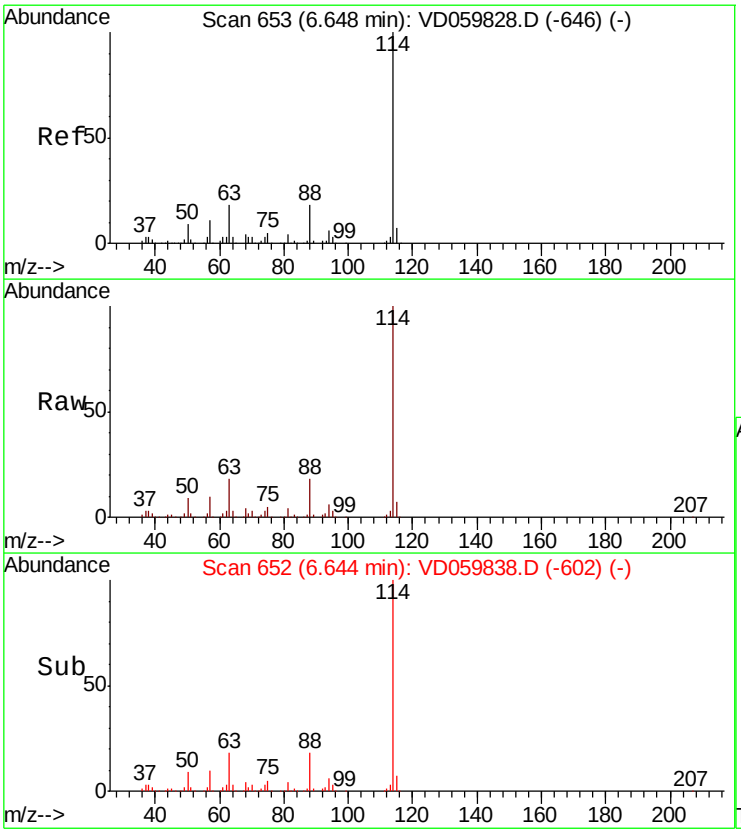
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 5.96 min Scan# 583
Delta R.T. -0.00 min
Lab File: VD059838.D
Acq: 20 Aug 2018 18:43

Instrument : MSVOA_D
ClientSampleId : RA-081318-FL-020

Tgt Ion: 65 Resp: 407953

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	102.4

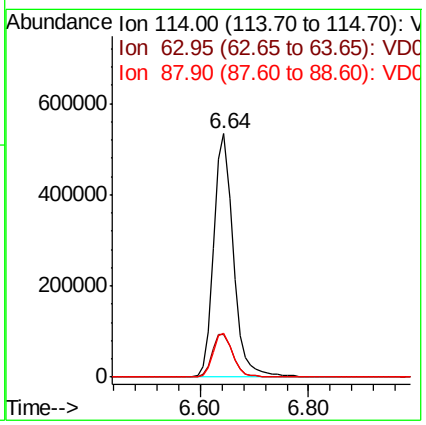


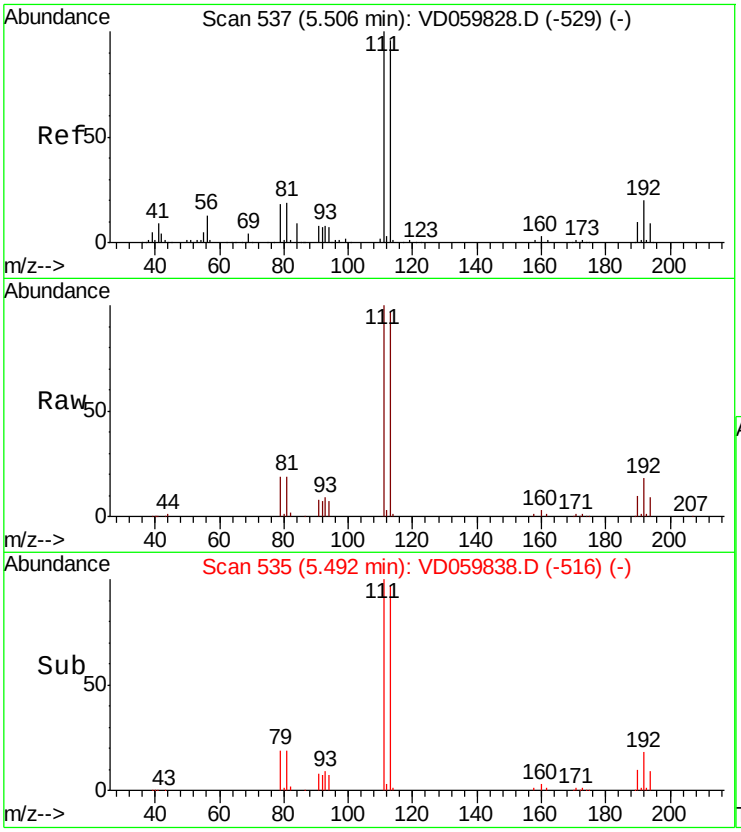


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.64 min Scan# 652
Delta R.T. -0.00 min
Lab File: VD059838.D
Acq: 20 Aug 2018 18:43

Tgt Ion:114 Resp: 1335252

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	37.0
88	18.3	0.0	37.0



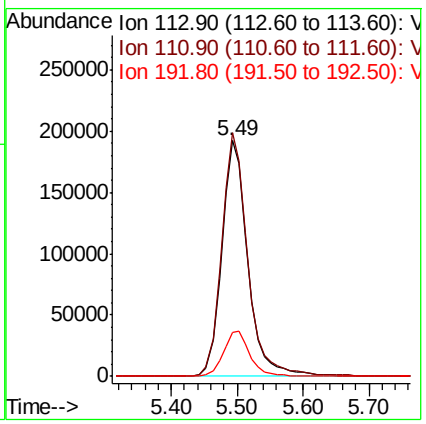


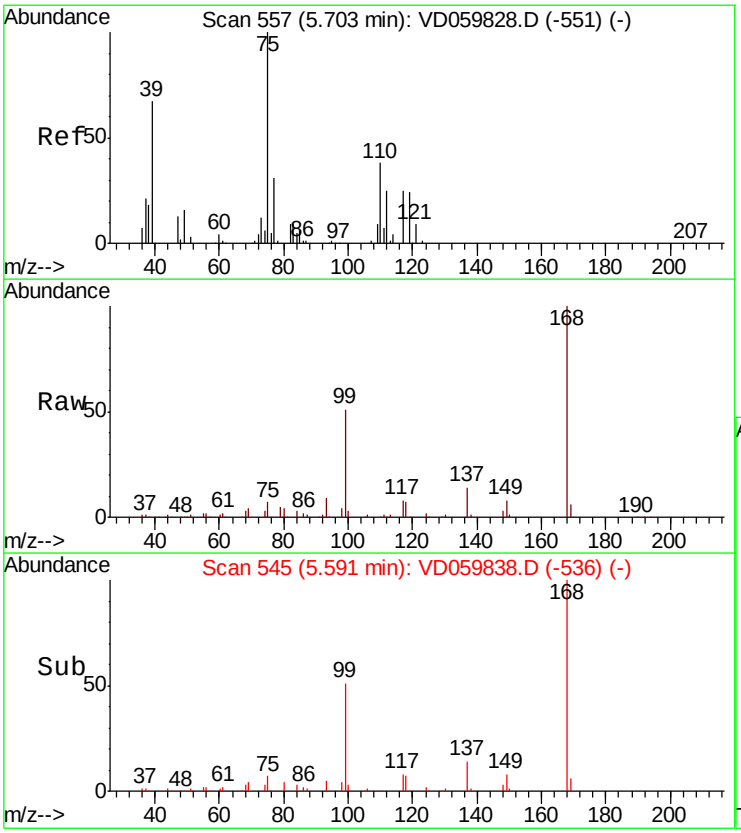
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.49 min Scan# 535
Delta R.T. -0.01 min
Lab File: VD059838.D
Acq: 20 Aug 2018 18:43

Instrument :
MSVOA_D
ClientSampleId :
RA-081318-FL-020

Tgt Ion:113 Resp: 531364

Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.3	124.9
192	18.8	16.8	25.2

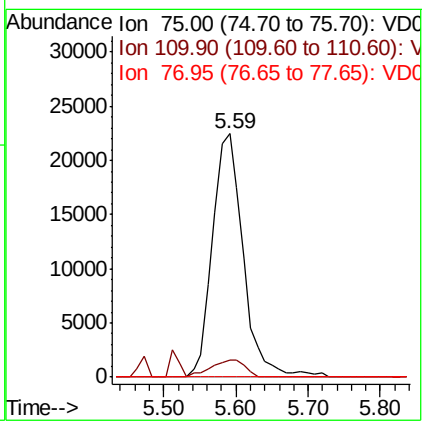


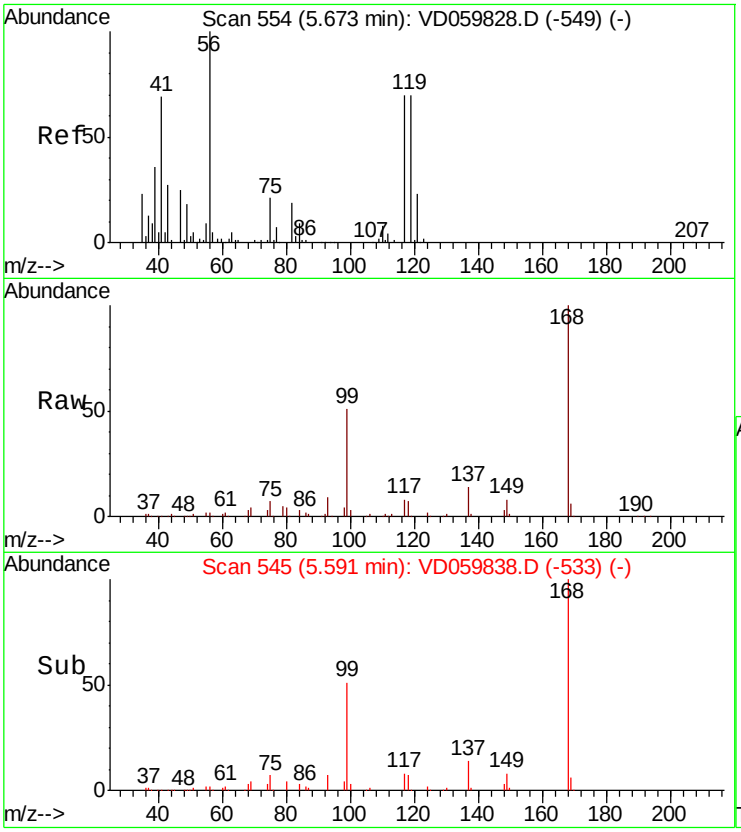


#36
1,1-Dichloropropene
Concen: 5.833 ug/l
RT: 5.59 min Scan# 545
Delta R.T. -0.11 min
Lab File: VD059838.D
Acq: 20 Aug 2018 18:43

Tgt Ion: 75 Resp: 66058

Ion	Ratio	Lower	Upper
75	100		
110	6.8	18.8	56.4#
77	0.0	24.9	37.3#



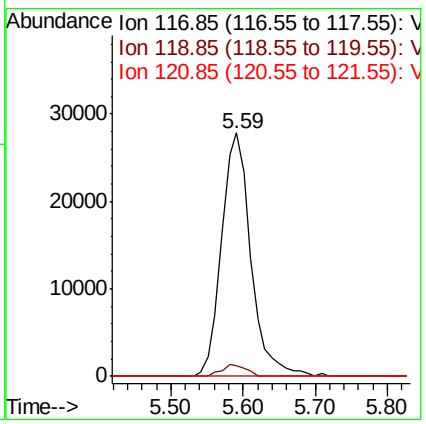


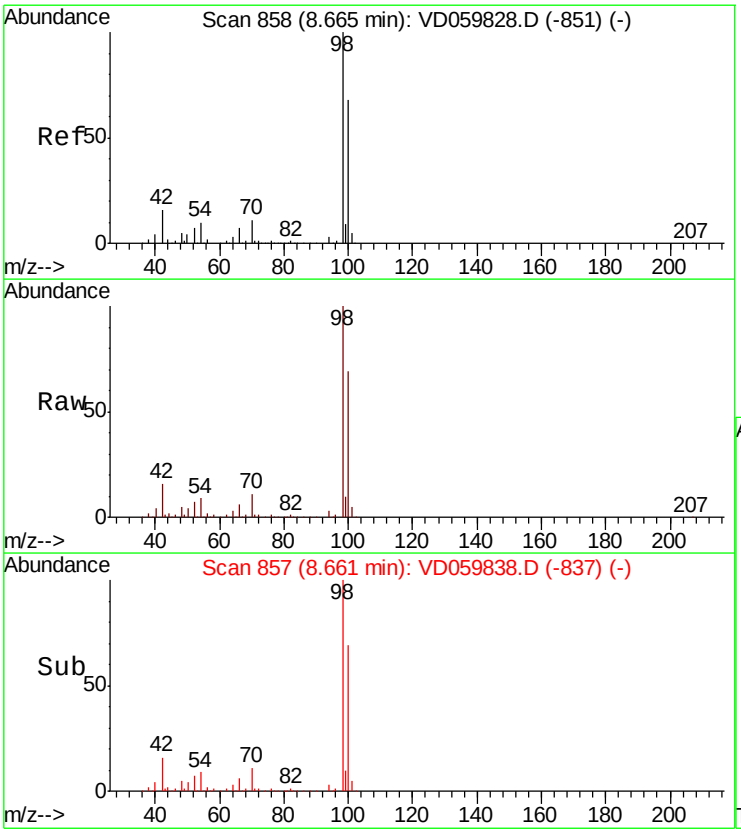
#38
Carbon Tetrachloride
Concen: 6.938 ug/l
RT: 5.59 min Scan# 545
Delta R.T. -0.08 min
Lab File: VD059838.D
Acq: 20 Aug 2018 18:43

Instrument :
MSVOA_D
ClientSampleId :
RA-081318-FL-020

Tgt Ion:117 Resp: 78409

Ion	Ratio	Lower	Upper
117	100		
119	4.1	77.0	115.4#
121	0.0	24.7	37.1#

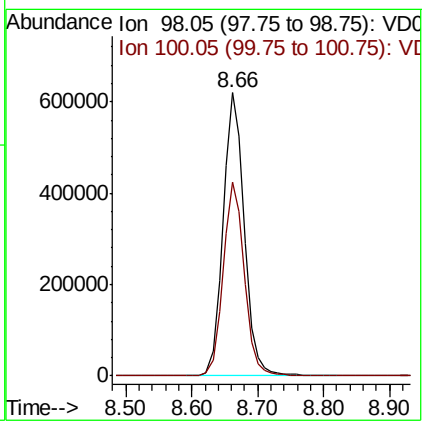


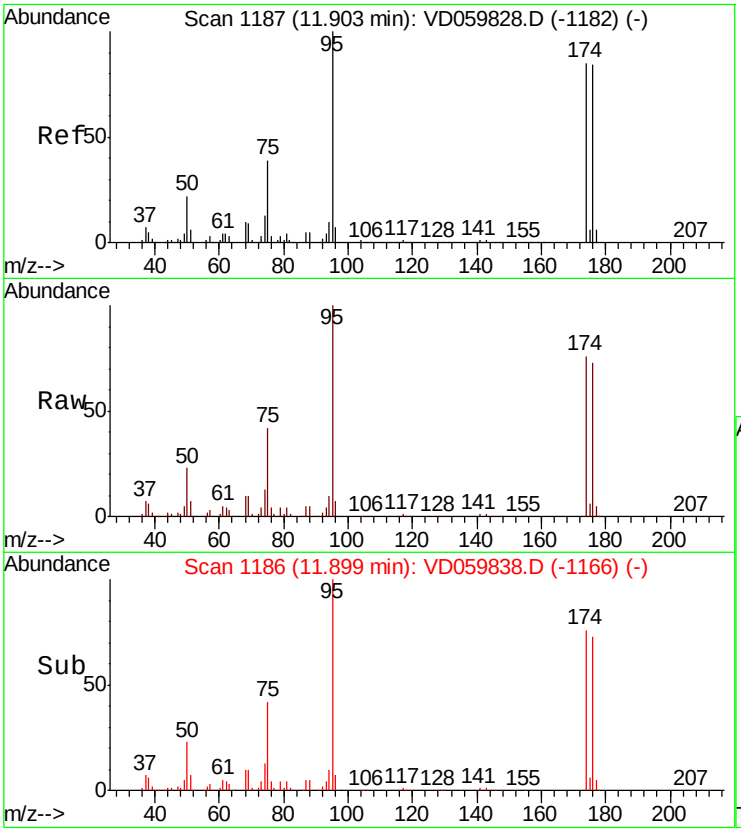


#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.66 min Scan# 857
Delta R.T. -0.00 min
Lab File: VD059838.D
Acq: 20 Aug 2018 18:43

Tgt Ion: 98 Resp: 1397048

Ion	Ratio	Lower	Upper
98	100		
100	68.5	55.0	82.4



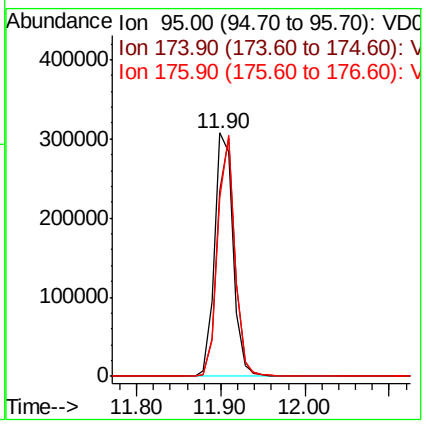


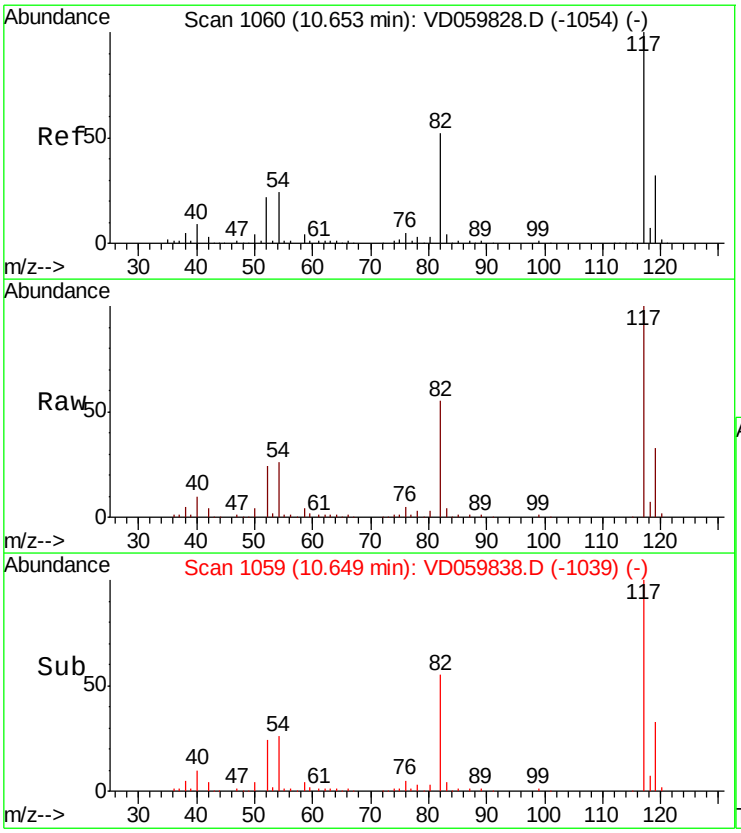
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.90 min Scan# 1186
Delta R.T. -0.00 min
Lab File: VD059838.D
Acq: 20 Aug 2018 18:43

Instrument : MSVOA_D
ClientSampleId : RA-081318-FL-020

Tgt Ion: 95 Resp: 469834

Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	169.2
176	73.1	0.0	168.0

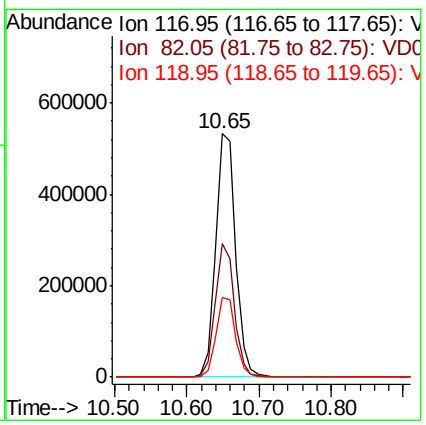


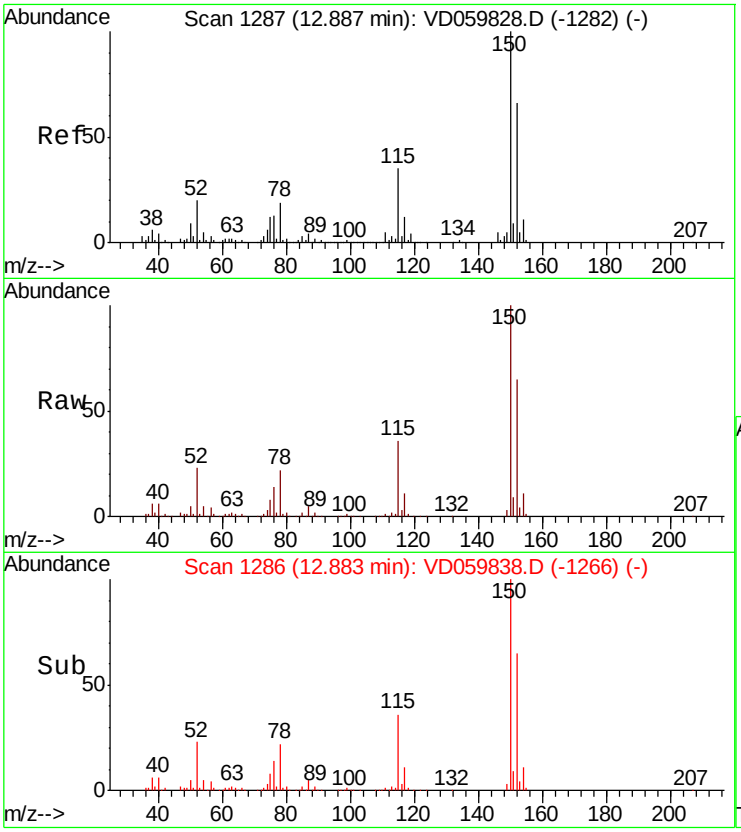


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.65 min Scan# 1059
Delta R.T. -0.00 min
Lab File: VD059838.D
Acq: 20 Aug 2018 18:43

Tgt Ion:117 Resp: 1004973

Ion	Ratio	Lower	Upper
117	100		
82	54.6	41.6	62.4
119	33.0	25.6	38.4



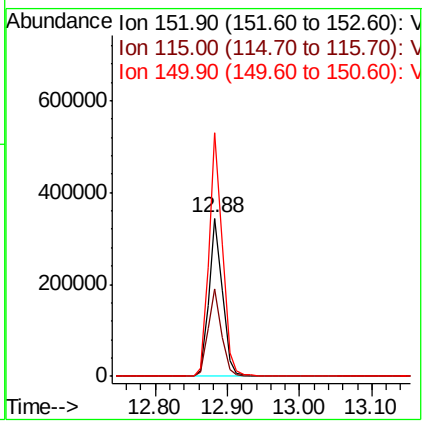


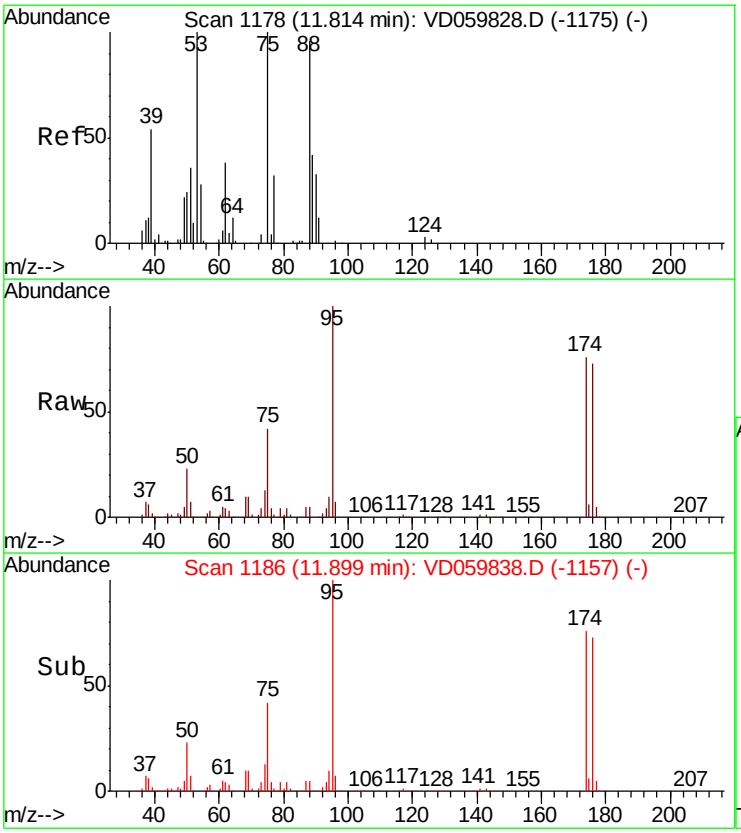
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.88 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VD059838.D
Acq: 20 Aug 2018 18:43

Instrument : MSVOA_D
ClientSampleId : RA-081318-FL-020

Tgt Ion:152 Resp: 442586

Ion	Ratio	Lower	Upper
152	100		
115	55.2	26.9	80.6
150	153.8	0.0	306.8





#81
trans-1,4-Dichloro-2-butene
Concen: 80.910 ug/l
RT: 11.90 min Scan# 1186
Delta R.T. 0.08 min
Lab File: VD059838.D
Acq: 20 Aug 2018 18:43

Tgt Ion: 75 Resp: 185198

Ion	Ratio	Lower	Upper
75	100		
53	0.0	80.7	121.1#
89	0.0	33.9	50.9#