Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD083118\
Data File : VD059937.D
Acq On : 31 Aug 2018 15:53
Operator : JC/SY
Sample : J4282-15RE
Misc : 4.60g/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SU-01-082918-ARE

Quant Time: Sep 01 03:11:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	1031405	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.42	114	1467725	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.26	117	1012989	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.36	152	371798	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	425474	48.94	ug/l	-0.04
Spiked Amount 50.000			Recovery = 97.88%			
35) Dibromofluoromethane	6.29	113	491540	42.72	ug/l	-0.04
Spiked Amount 50.000			Recovery = 85.44%			
50) Toluene-d8	9.43	98	1144349	35.83	ug/l	-0.03
Spiked Amount 50.000			Recovery = 71.66%			
62) 4-Bromofluorobenzene	12.41	95	362049	27.91	ug/l	-0.02
Spiked Amount 50.000			Recovery = 55.82%			
Target Compounds						Qvalue
10) Methyl Iodide	3.24	142	199	3.50	ug/l #	31
11) Tert butyl alcohol	3.95	59	1145	1.73	ug/l #	75
13) Acrolein	2.89	56	435	1.51	ug/l	97
16) Acetone	3.13	43	12507	7.90	ug/l	94
20) Methylene Chloride	3.68	84	28085	Below Cal		93
29) Tetrahydrofuran	5.94	42	3764	1.69	ug/l #	64
31) Cyclohexane	6.37	56	21313	1.29	ug/l #	1
36) 1,1-Dichloropropene	6.37	75	75850	5.70	ug/l #	47
38) Carbon Tetrachloride	6.37	117	81665	6.08	ug/l #	15
81) trans-1,4-Dichloro-2-buten	12.41	75	153564	85.43	ug/l #	12
89) n-Butylbenzene	13.64	91	1175	Below Cal	#	60

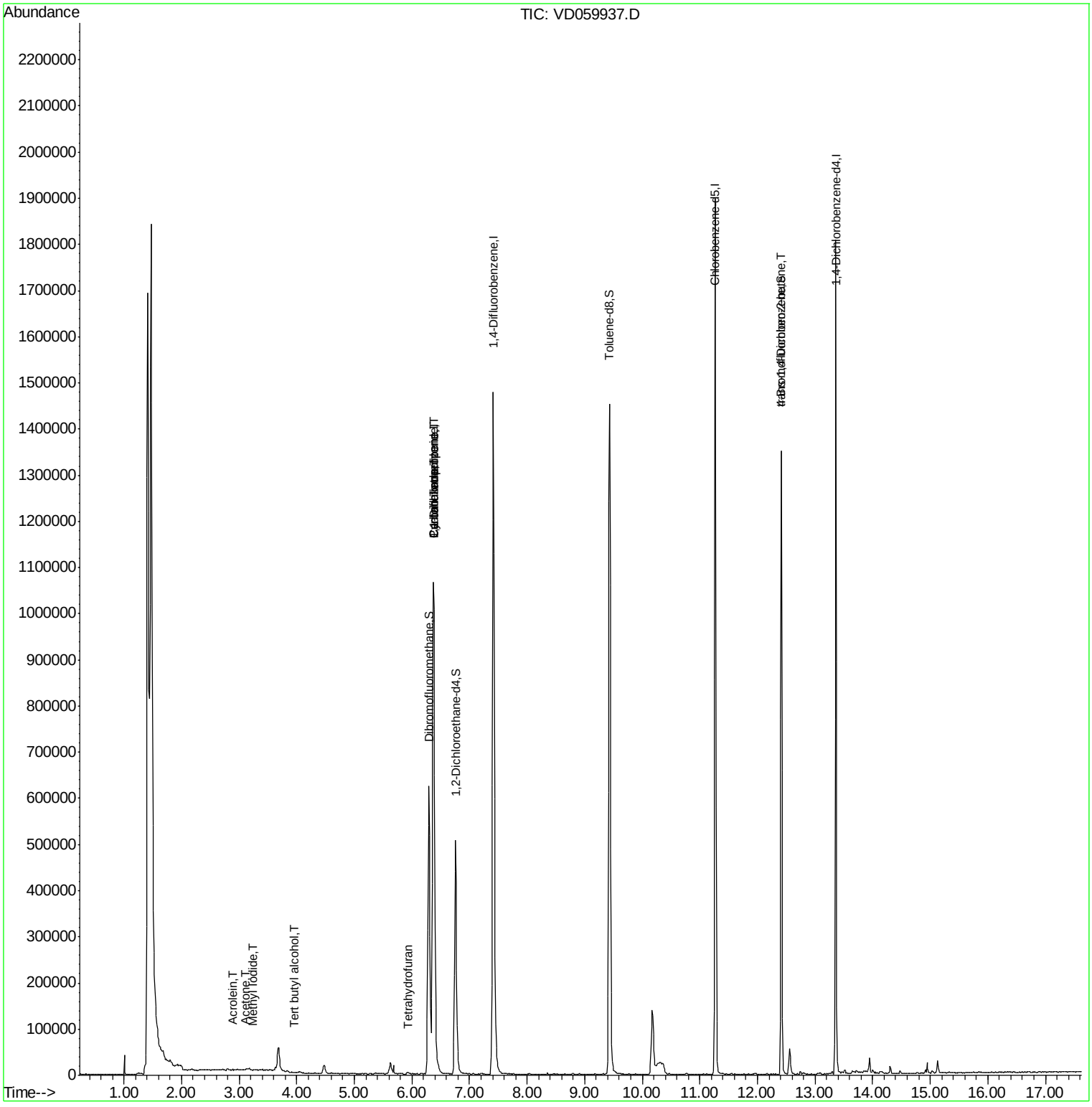
(#) = qualifier out of range (m) = manual integration (+) = signals summed

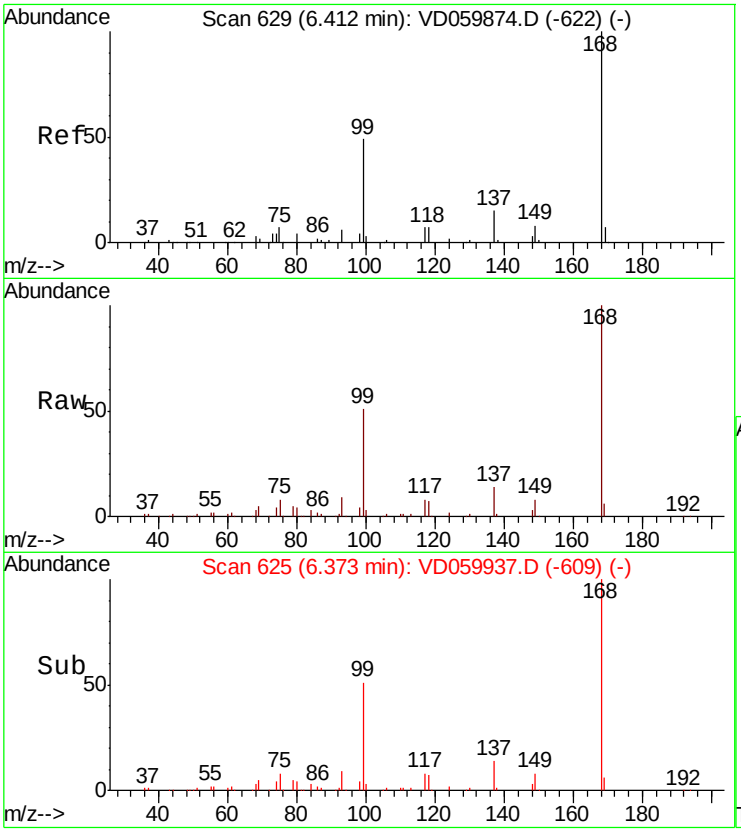
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083118\
Data File : VD059937.D
Acq On : 31 Aug 2018 15:53
Operator : JC/SY
Sample : J4282-15RE
Misc : 4.60g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SU-01-082918-ARE

Quant Time: Sep 01 03:11:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration



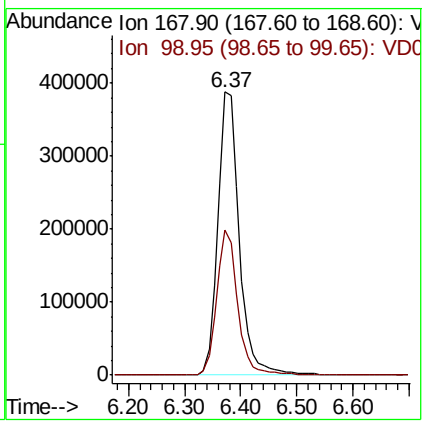


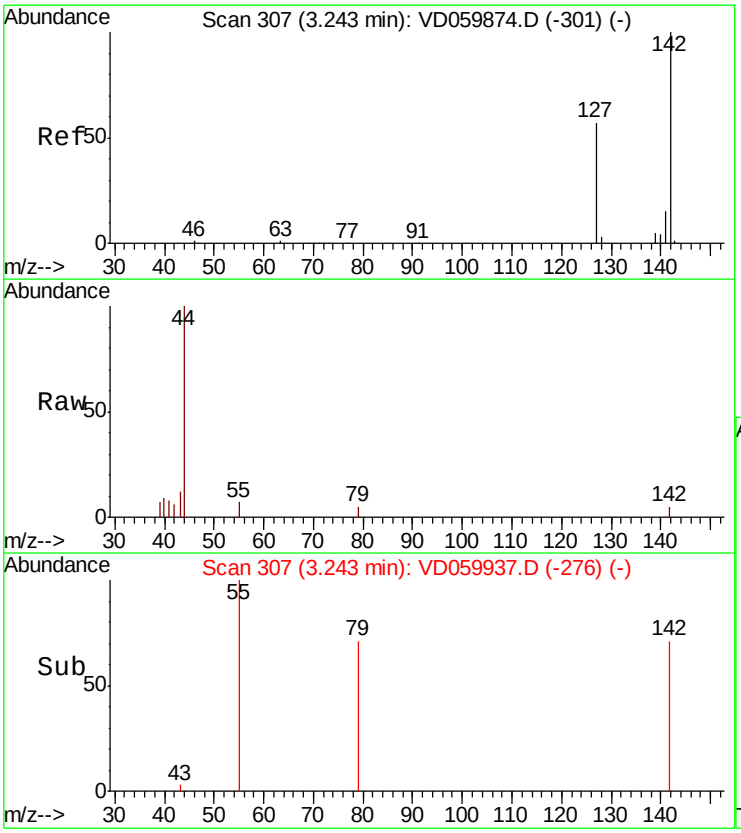
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 6.37 min Scan# 625
Delta R.T. -0.04 min
Lab File: VD059937.D
Acq: 31 Aug 2018 15:53

Instrument :
MSVOA_D
ClientSampleId :
SU-01-082918-ARE

Tgt Ion:168 Resp: 1031405

Ion	Ratio	Lower	Upper
168	100		
99	51.5	42.2	63.2

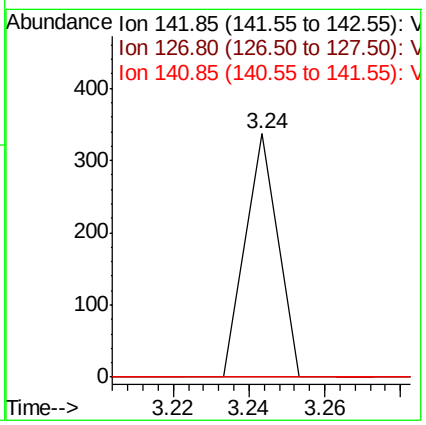


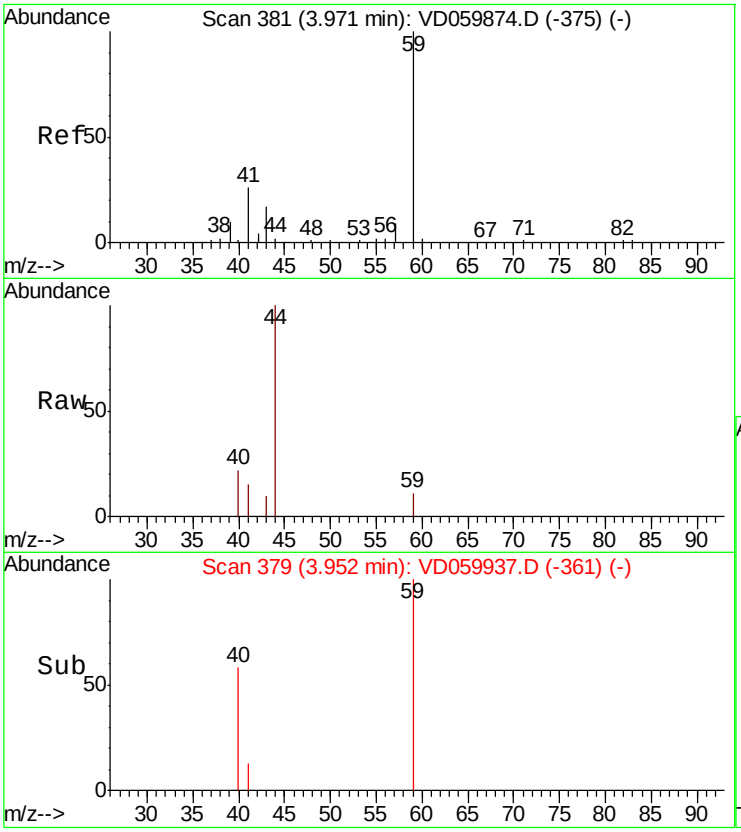


#10
Methyl Iodide
Concen: 3.50 ug/l
RT: 3.24 min Scan# 307
Delta R.T. 0.00 min
Lab File: VD059937.D
Acq: 31 Aug 2018 15:53

Tgt Ion:142 Resp: 199

Ion	Ratio	Lower	Upper
142	100		
127	0.0	45.8	68.6#
141	0.0	11.6	17.4#



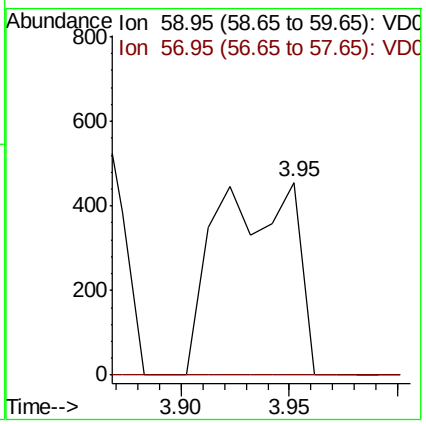


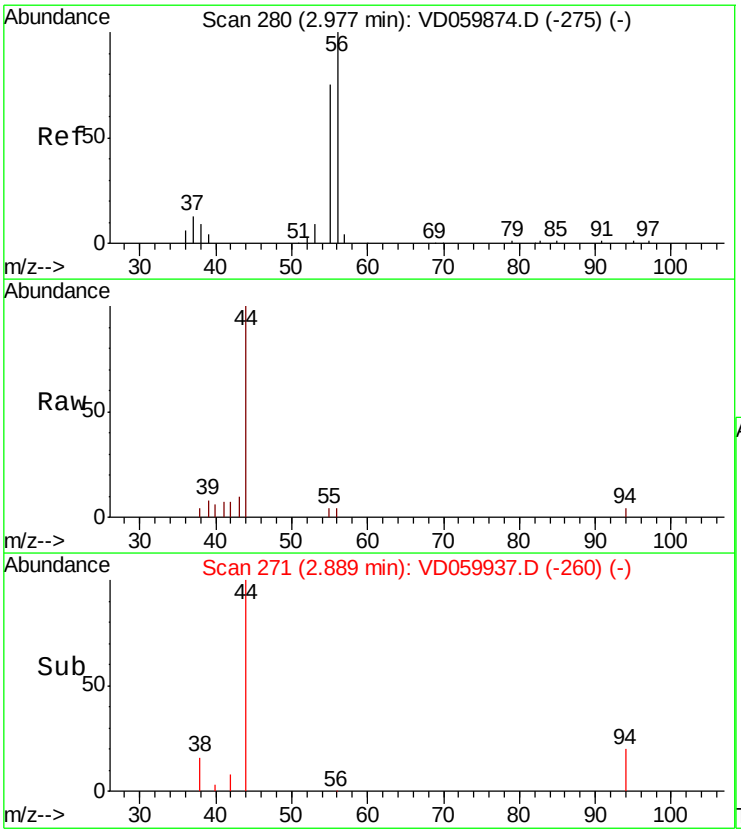
#11
Tert butyl alcohol
Concen: 1.73 ug/l
RT: 3.95 min Scan# 379
Delta R.T. -0.02 min
Lab File: VD059937.D
Acq: 31 Aug 2018 15:53

Instrument : MSVOA_D
ClientSampleId : SU-01-082918-ARE

Tgt Ion: 59 Resp: 1145

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.0#

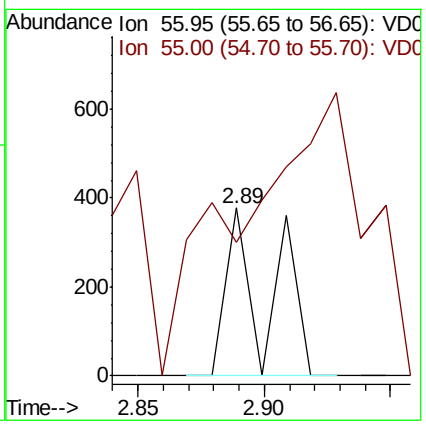


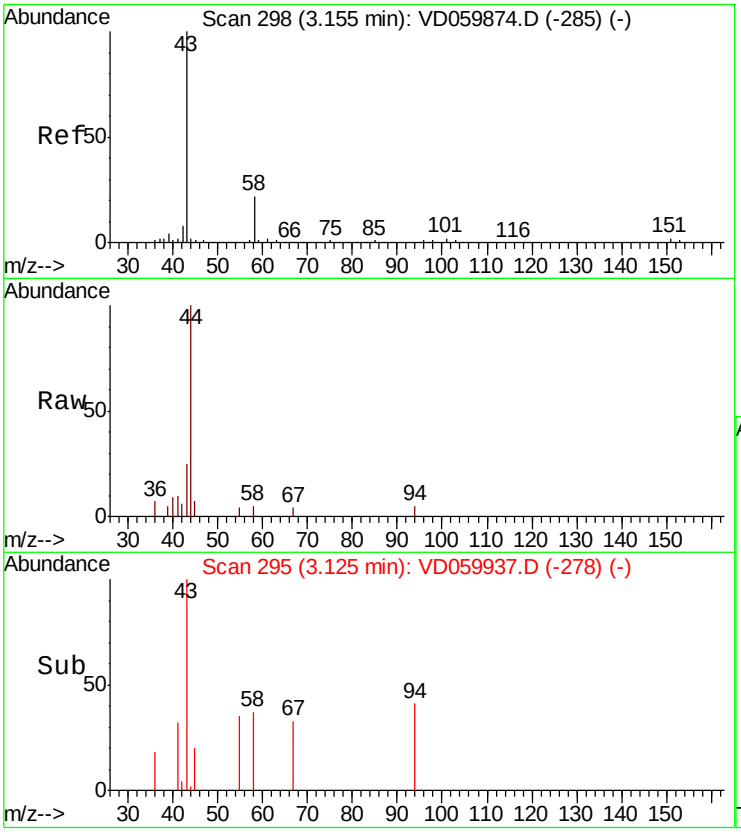


#13
Acrolein
Concen: 1.51 ug/l
RT: 2.89 min Scan# 271
Delta R.T. -0.09 min
Lab File: VD059937.D
Acq: 31 Aug 2018 15:53

Tgt Ion: 56 Resp: 435

Ion	Ratio	Lower	Upper
56	100		
55	80.1	61.9	92.9



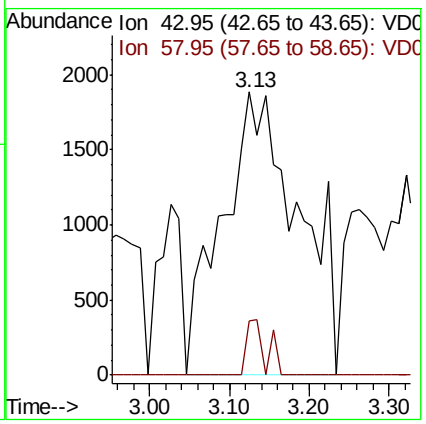


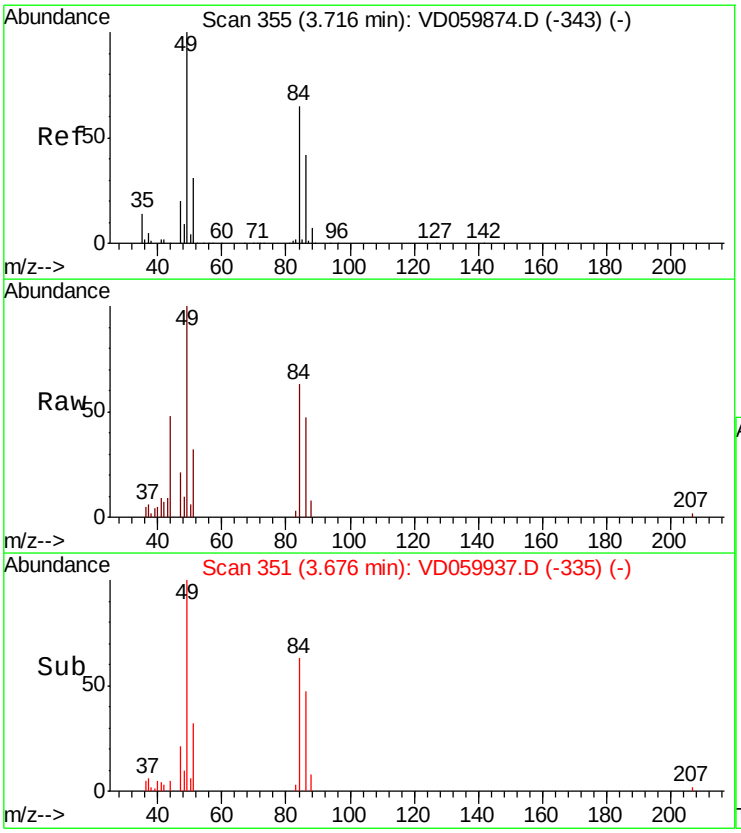
#16
Acetone
Concen: 7.90 ug/l
RT: 3.13 min Scan# 295
Delta R.T. -0.03 min
Lab File: VD059937.D
Acq: 31 Aug 2018 15:53

Instrument : MSVOA_D
ClientSampleId : SU-01-082918-ARE

Tgt Ion: 43 Resp: 12507

Ion	Ratio	Lower	Upper
43	100		
58	18.9	17.6	26.4

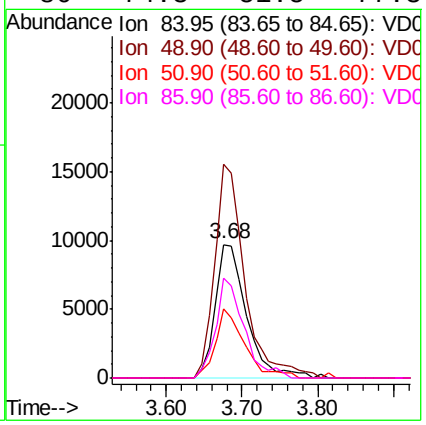


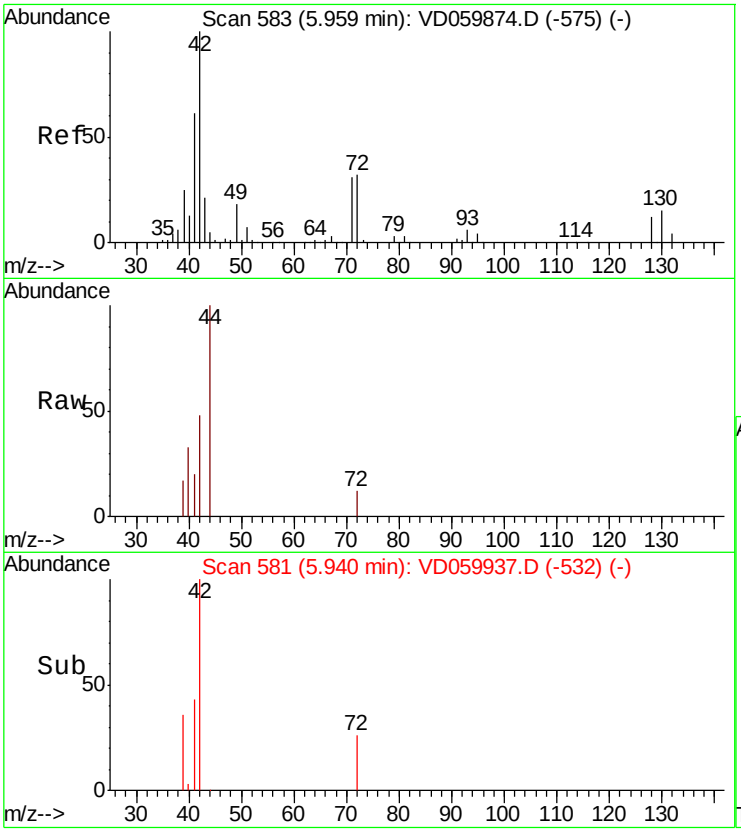


#20
Methylene Chloride
Concen: Below Cal
RT: 3.68 min Scan# 351
Delta R.T. -0.04 min
Lab File: VD059937.D
Acq: 31 Aug 2018 15:53

Tgt Ion: 84 Resp: 28085

Ion	Ratio	Lower	Upper
84	100		
49	159.7	122.6	183.8
51	51.7	38.4	57.6
86	74.3	51.5	77.3



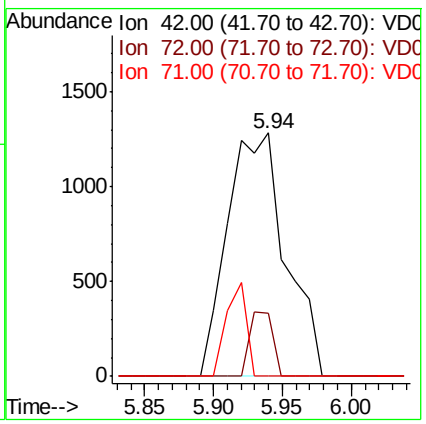


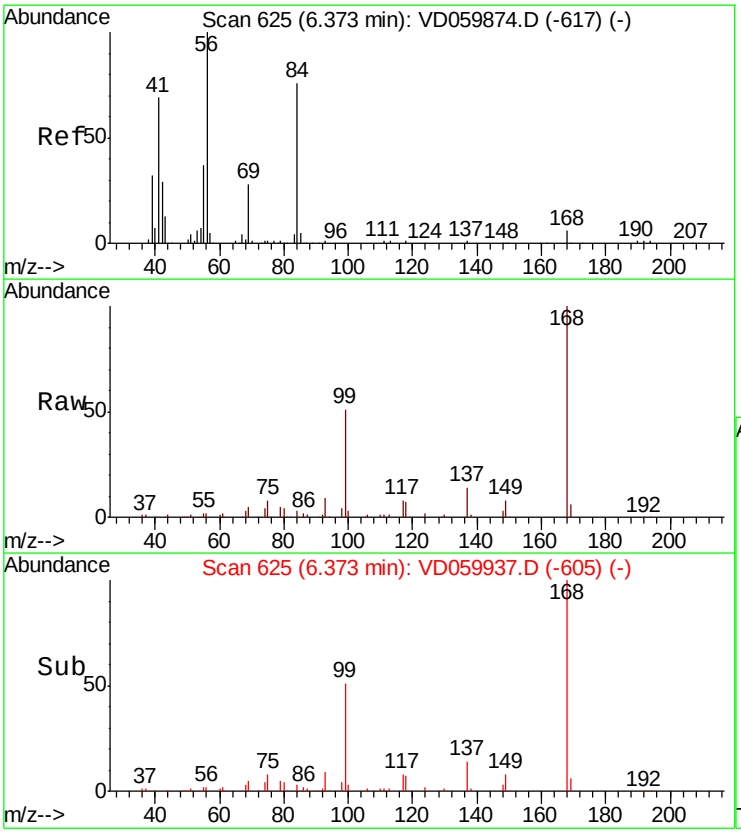
#29
Tetrahydrofuran
Concen: 1.69 ug/l
RT: 5.94 min Scan# 581
Delta R.T. -0.02 min
Lab File: VD059937.D
Acq: 31 Aug 2018 15:53

Instrument :
MSVOA_D
ClientSampleId :
SU-01-082918-ARE

Tgt Ion: 42 Resp: 3764

Ion	Ratio	Lower	Upper
42	100		
72	10.5	25.7	38.5#
71	13.1	25.3	37.9#

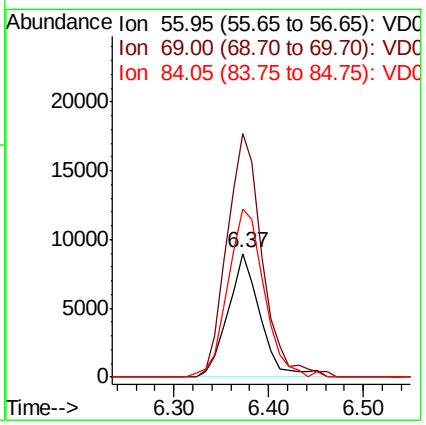


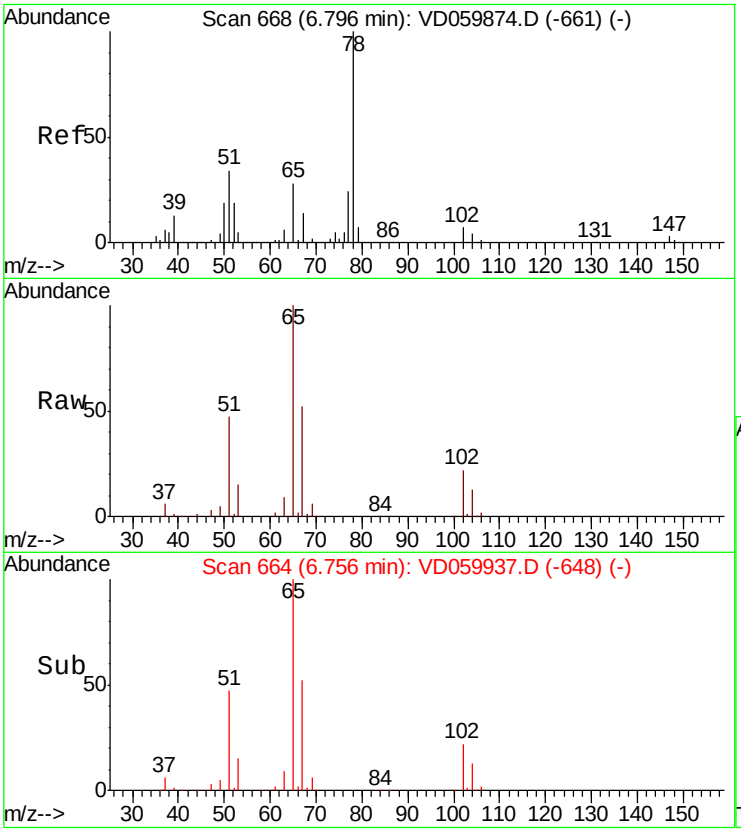


#31
Cyclohexane
Concen: 1.29 ug/l
RT: 6.37 min Scan# 625
Delta R.T. 0.00 min
Lab File: VD059937.D
Acq: 31 Aug 2018 15:53

Tgt Ion: 56 Resp: 21313

Ion	Ratio	Lower	Upper
56	100		
69	197.3	22.4	33.6#
84	136.7	62.1	93.1#



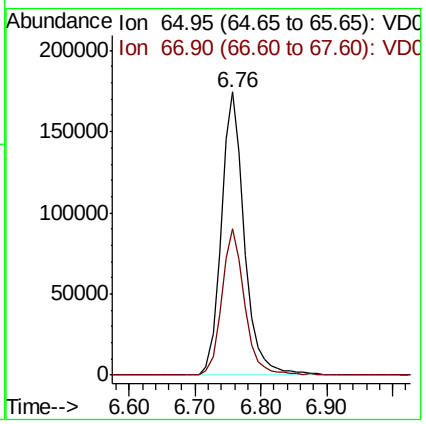


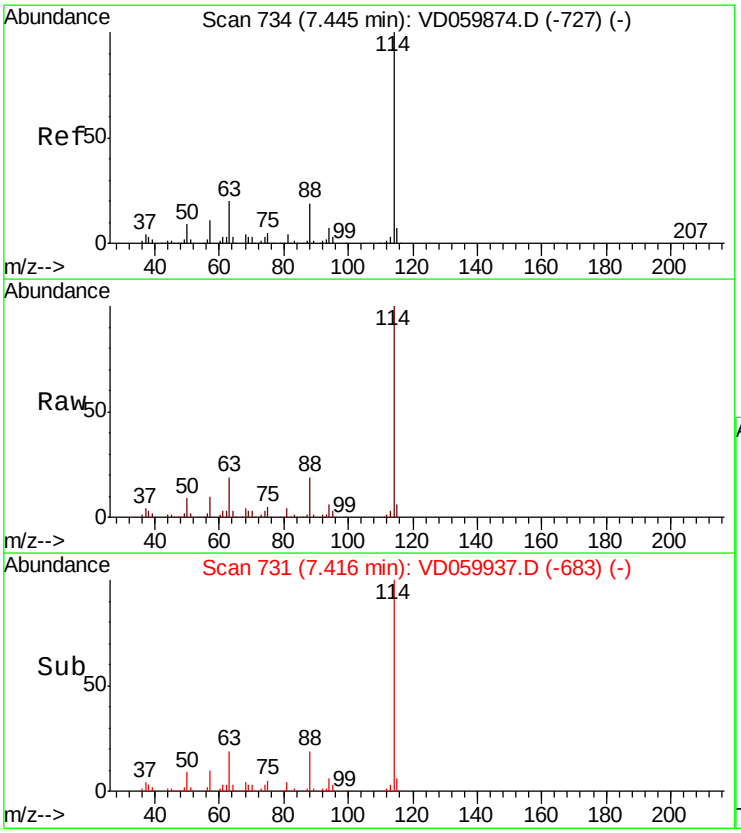
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.76 min Scan# 664
Delta R.T. -0.04 min
Lab File: VD059937.D
Acq: 31 Aug 2018 15:53

Instrument :
MSVOA_D
ClientSampleId :
SU-01-082918-ARE

Tgt Ion: 65 Resp: 425474

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	103.8

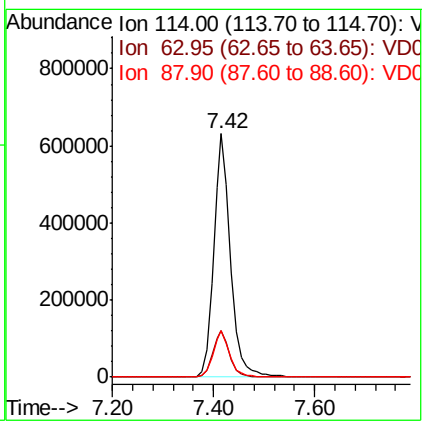


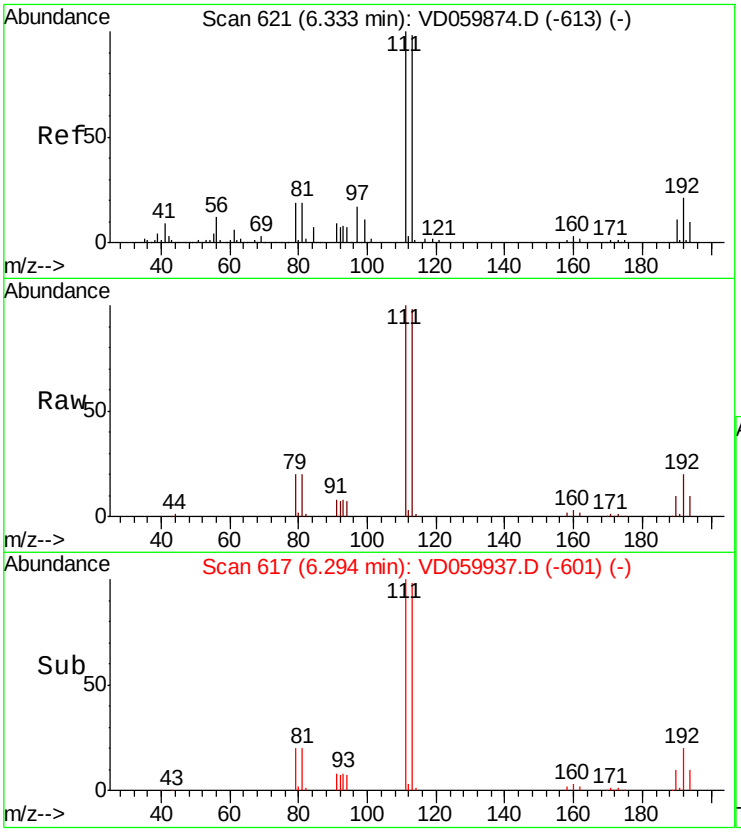


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 7.42 min Scan# 731
Delta R.T. -0.03 min
Lab File: VD059937.D
Acq: 31 Aug 2018 15:53

Tgt Ion:114 Resp: 1467725

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	39.4
88	19.0	0.0	37.6



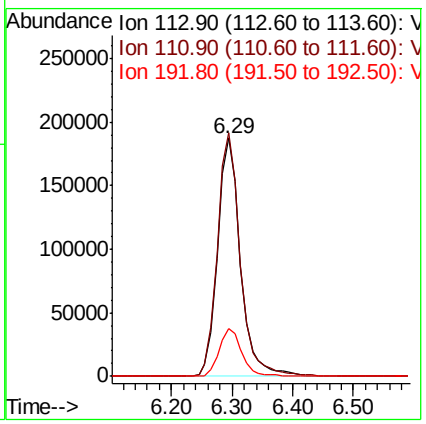


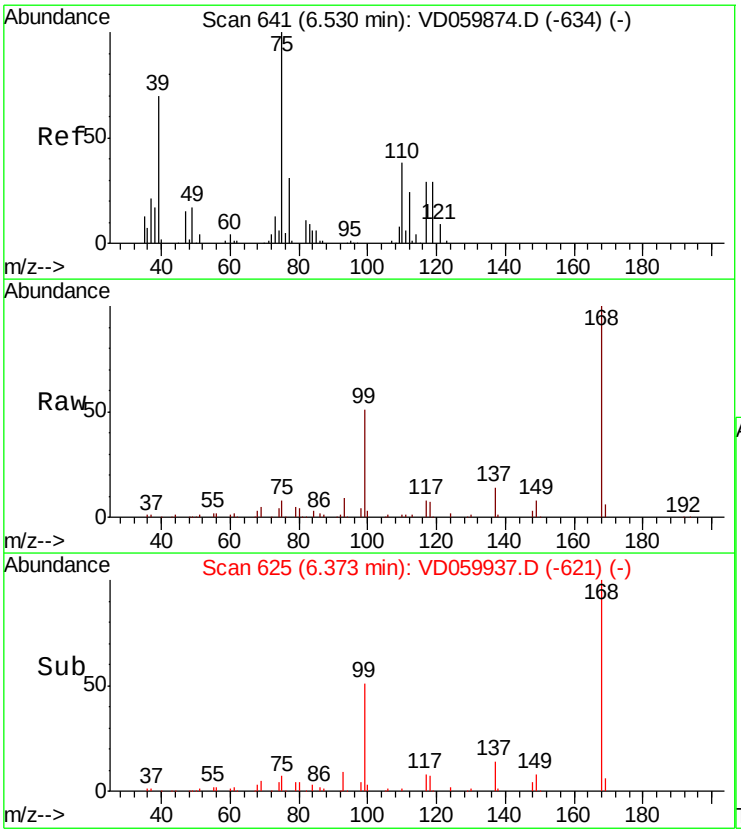
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 6.29 min Scan# 617
Delta R.T. -0.04 min
Lab File: VD059937.D
Acq: 31 Aug 2018 15:53

Instrument :
MSVOA_D
ClientSampleId :
SU-01-082918-ARE

Tgt Ion:113 Resp: 491540

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.2
192	20.2	17.0	25.6

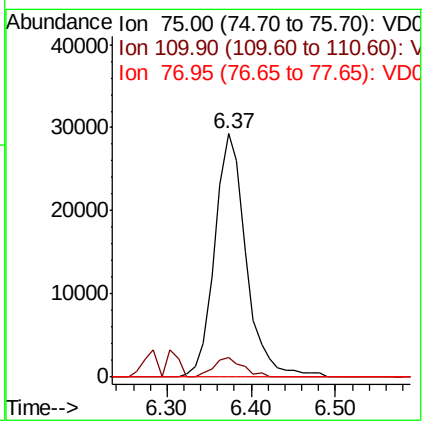


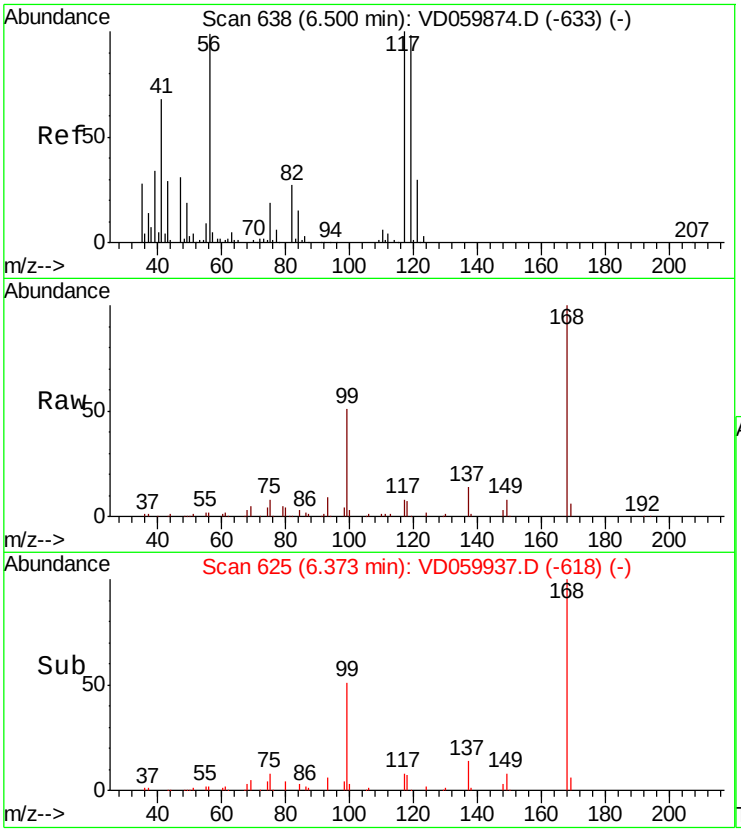


#36
1,1-Dichloropropene
Concen: 5.70 ug/l
RT: 6.37 min Scan# 625
Delta R.T. -0.16 min
Lab File: VD059937.D
Acq: 31 Aug 2018 15:53

Tgt Ion: 75 Resp: 75850

Ion	Ratio	Lower	Upper
75	100		
110	8.1	18.6	56.0#
77	0.0	25.1	37.7#



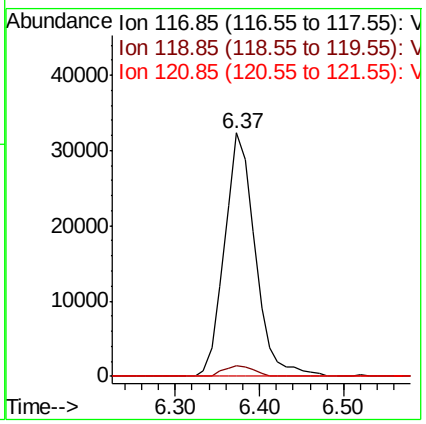


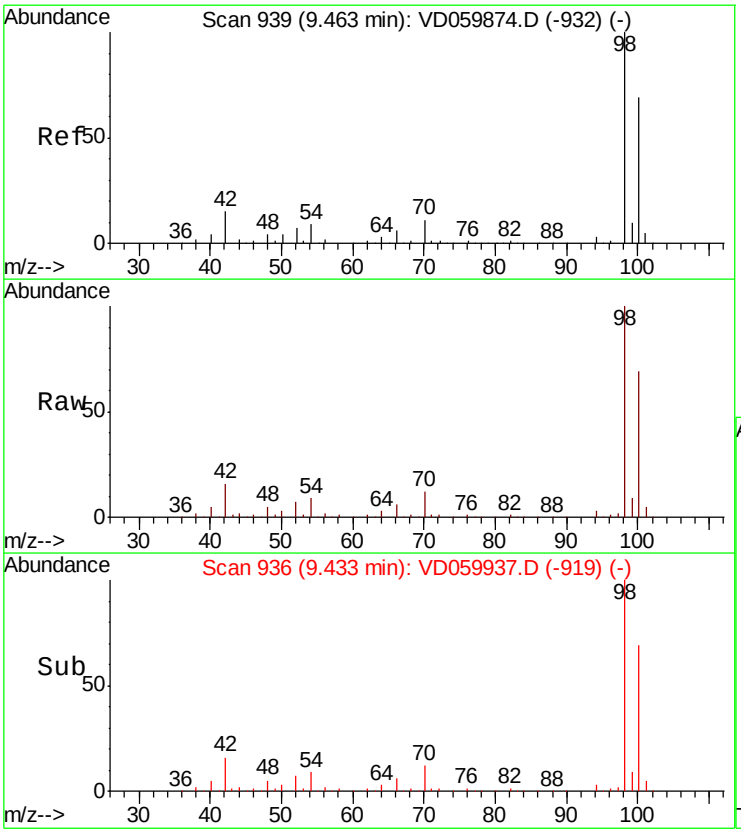
#38
Carbon Tetrachloride
Concen: 6.08 ug/l
RT: 6.37 min Scan# 625
Delta R.T. -0.13 min
Lab File: VD059937.D
Acq: 31 Aug 2018 15:53

Instrument :
MSVOA_D
ClientSampleId :
SU-01-082918-ARE

Tgt Ion:117 Resp: 81665

Ion	Ratio	Lower	Upper
117	100		
119	4.6	77.2	115.8#
121	0.0	24.0	36.0#

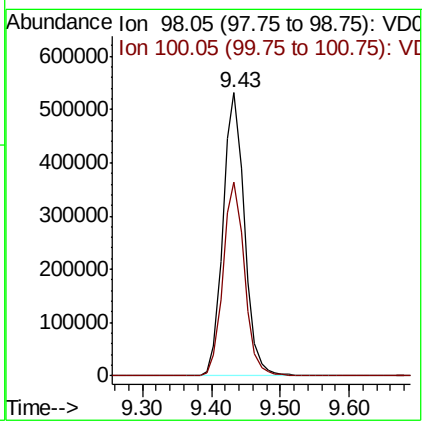


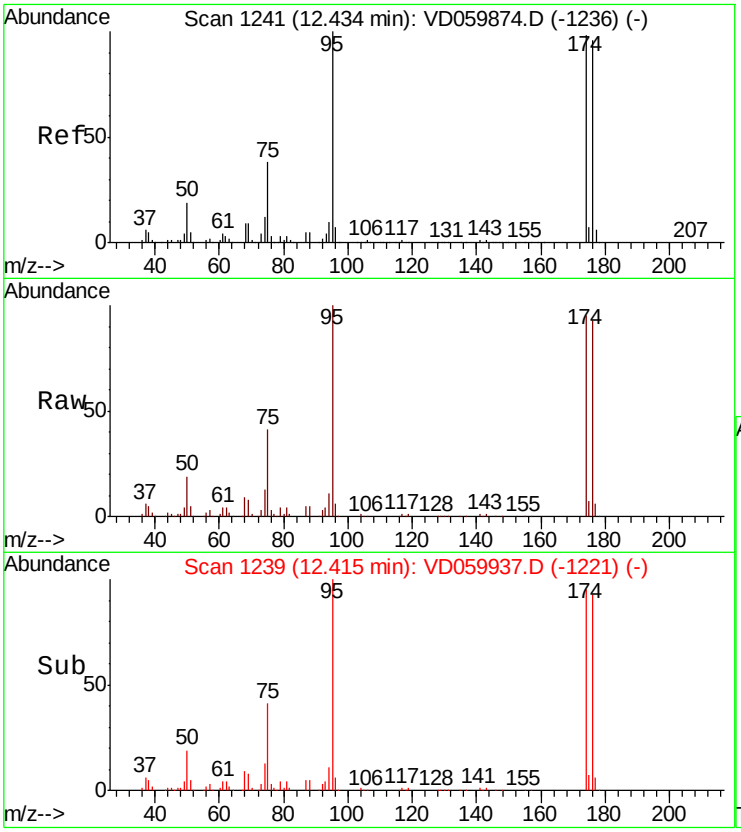


#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 936
Delta R.T. -0.03 min
Lab File: VD059937.D
Acq: 31 Aug 2018 15:53

Tgt Ion: 98 Resp: 1144349

Ion	Ratio	Lower	Upper
98	100		
100	68.6	55.8	83.6



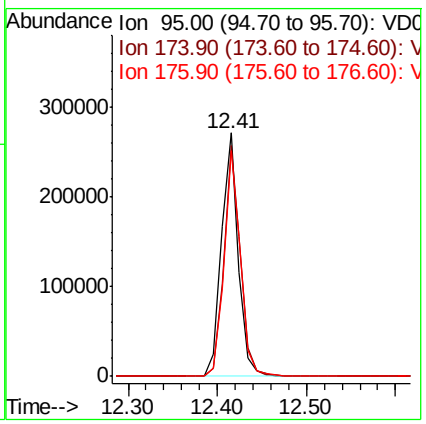


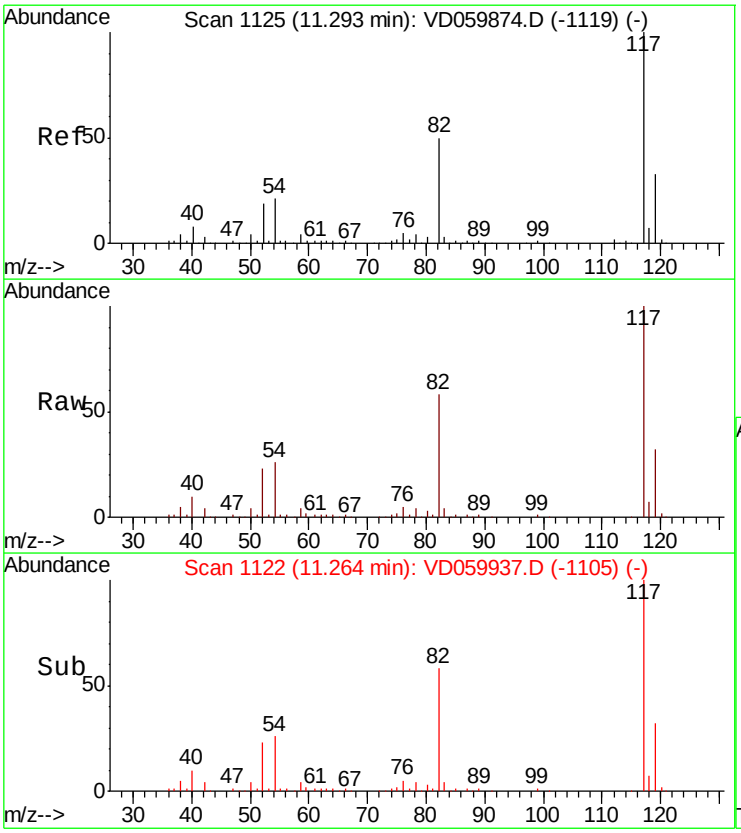
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.41 min Scan# 1239
Delta R.T. -0.02 min
Lab File: VD059937.D
Acq: 31 Aug 2018 15:53

Instrument :
MSVOA_D
ClientSampleId :
SU-01-082918-ARE

Tgt Ion: 95 Resp: 362049

Ion	Ratio	Lower	Upper
95	100		
174	94.9	0.0	195.6
176	92.7	0.0	191.2

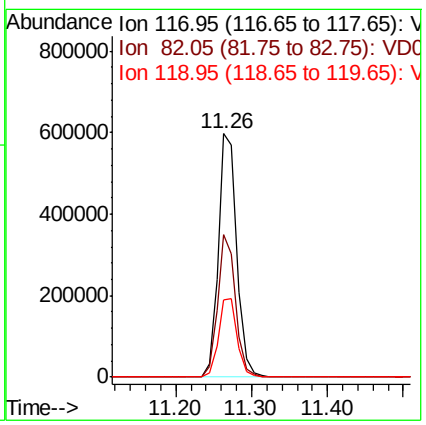


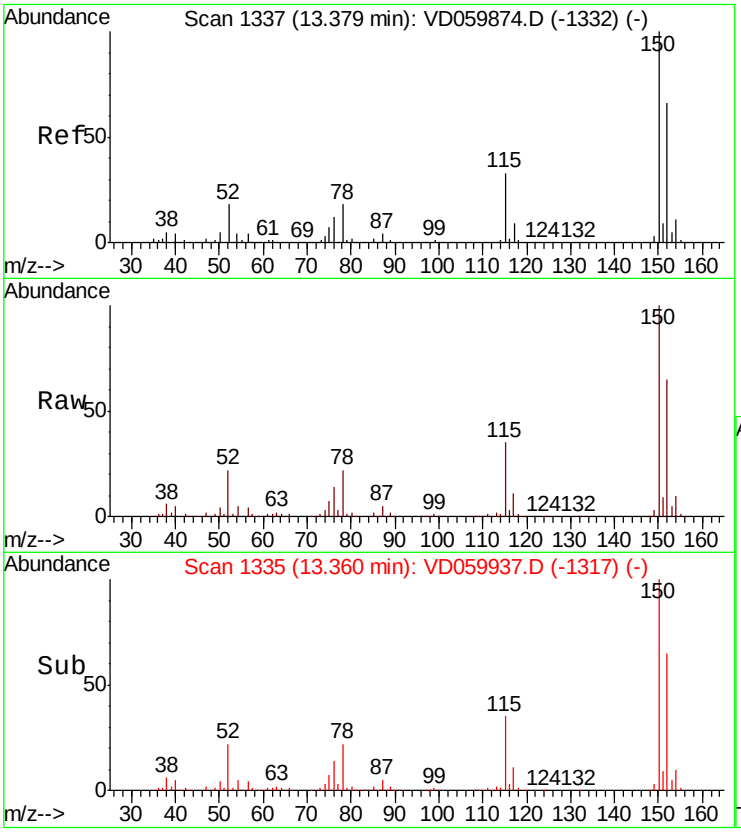


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.26 min Scan# 1122
Delta R.T. -0.03 min
Lab File: VD059937.D
Acq: 31 Aug 2018 15:53

Tgt Ion:117 Resp: 1012989

Ion	Ratio	Lower	Upper
117	100		
82	58.4	40.1	60.1
119	32.0	26.7	40.1



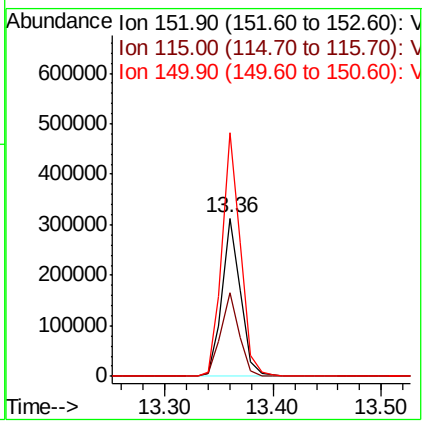


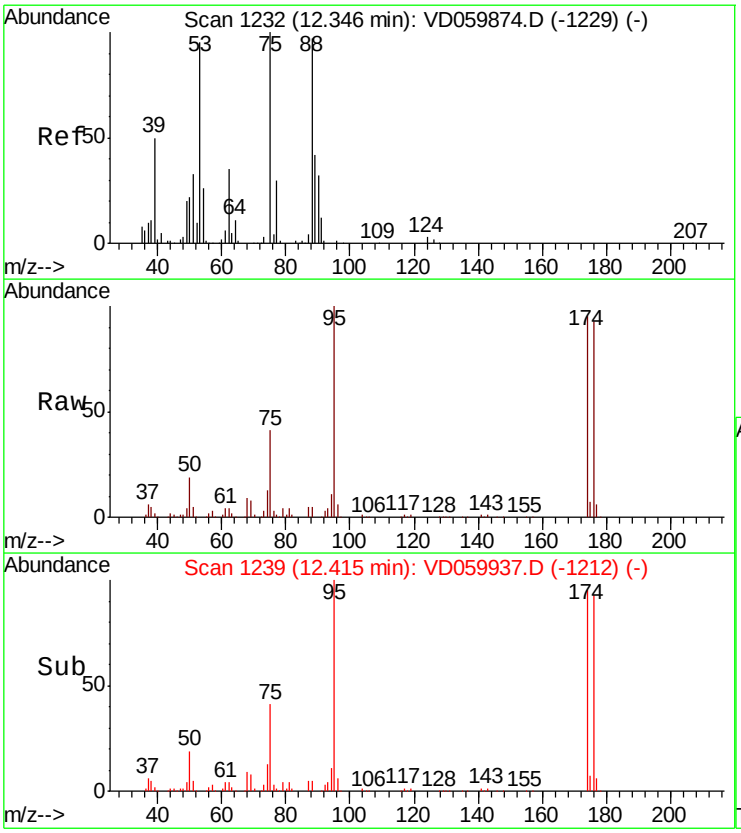
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.36 min Scan# 1335
Delta R.T. -0.02 min
Lab File: VD059937.D
Acq: 31 Aug 2018 15:53

Instrument :
MSVOA_D
ClientSampleId :
SU-01-082918-ARE

Tgt Ion:152 Resp: 371798

Ion	Ratio	Lower	Upper
152	100		
115	53.3	25.7	77.0
150	154.1	0.0	310.2





#81
trans-1,4-Dichloro-2-butene
Concen: 85.43 ug/l
RT: 12.41 min Scan# 1239
Delta R.T. 0.07 min
Lab File: VD059937.D
Acq: 31 Aug 2018 15:53

Tgt Ion: 75 Resp: 153564

Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.8	113.6#
89	0.0	33.6	50.4#