Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060718\
Data File : VD057980.D
Acq On : 7 Jun 2018 19:11
Operator : JC/SY
Sample : J3305-01
Misc : 6.47g/5ml/MSVOA_D/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : DRUM-1-DRUM-2-ROCKS

Quant Time: Jun 08 06:50:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	704321	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	961319	50.00	ug/l	-0.03
63) Chlorobenzene-d5	10.68	117	729548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	321428	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	378979	53.82	ug/l	-0.02
Spiked Amount 50.000			Recovery = 107.64%			
35) Dibromofluoromethane	5.53	113	396018	53.24	ug/l	-0.03
Spiked Amount 50.000			Recovery = 106.48%			
50) Toluene-d8	8.69	98	861700	48.73	ug/l	-0.02
Spiked Amount 50.000			Recovery = 97.46%			
62) 4-Bromofluorobenzene	11.92	95	334443	43.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.72%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.18	59	4213	22.335	ug/l #	74
16) Acetone	2.61	43	123496	121.733	ug/l	99
18) Methyl Acetate	2.92	43	7351	3.746	ug/l #	90
25) 2-Butanone	4.82	43	6837	2.965	ug/l #	92
29) Tetrahydrofuran	5.19	42	1562	1.292	ug/l #	50
31) Cyclohexane	5.63	56	19328	1.579	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	61626	5.819	ug/l #	51
38) Carbon Tetrachloride	5.63	117	59231	5.675	ug/l #	16
81) trans-1,4-Dichloro-2-buten	11.92	75	167280	139.878	ug/l #	6
82) 4-Chlorotoluene	12.32	91	1113	Below Cal	#	38
89) n-Butylbenzene	13.18	91	1695	Below Cal	#	52

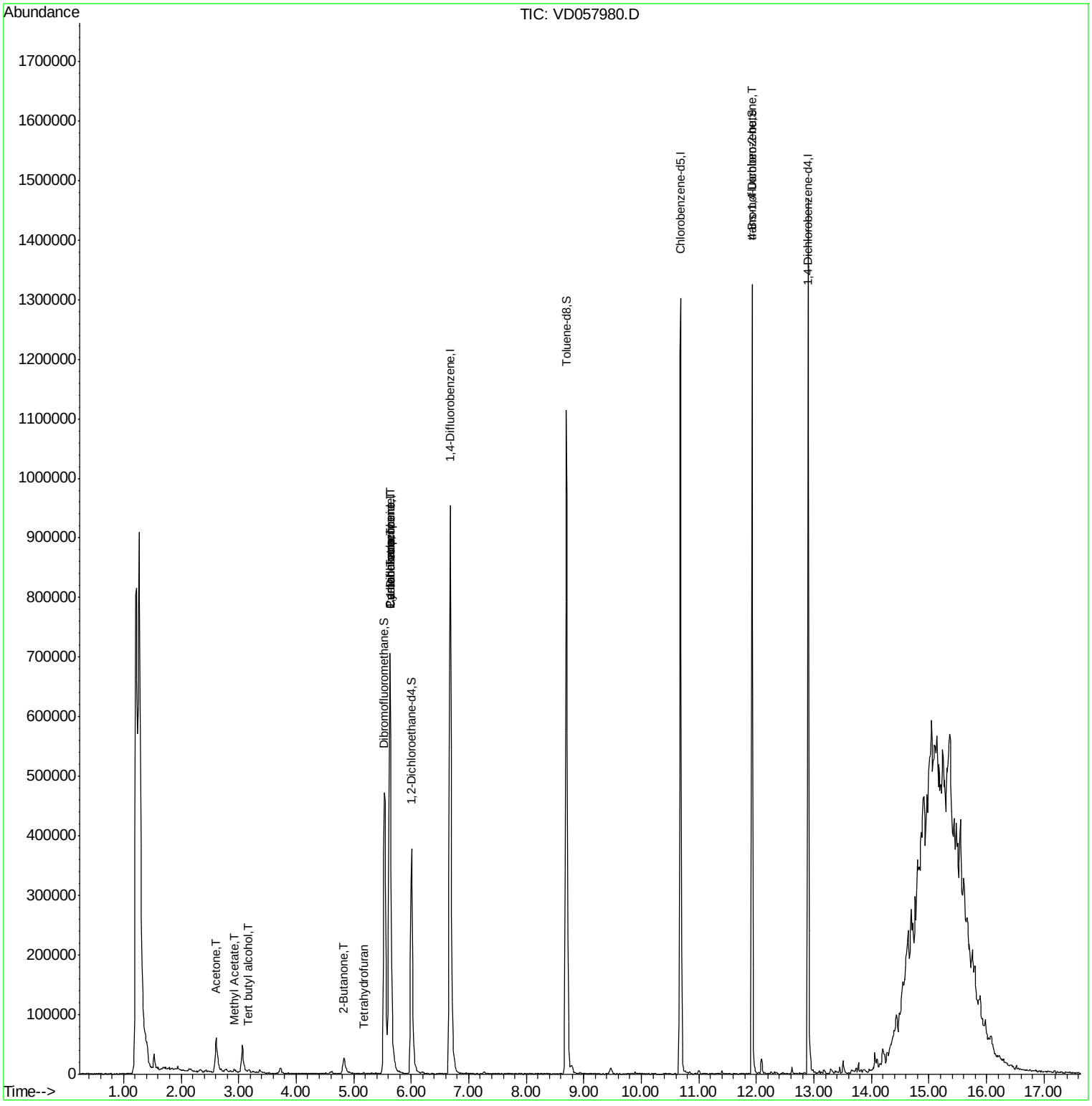
(#) = qualifier out of range (m) = manual integration (+) = signals summed

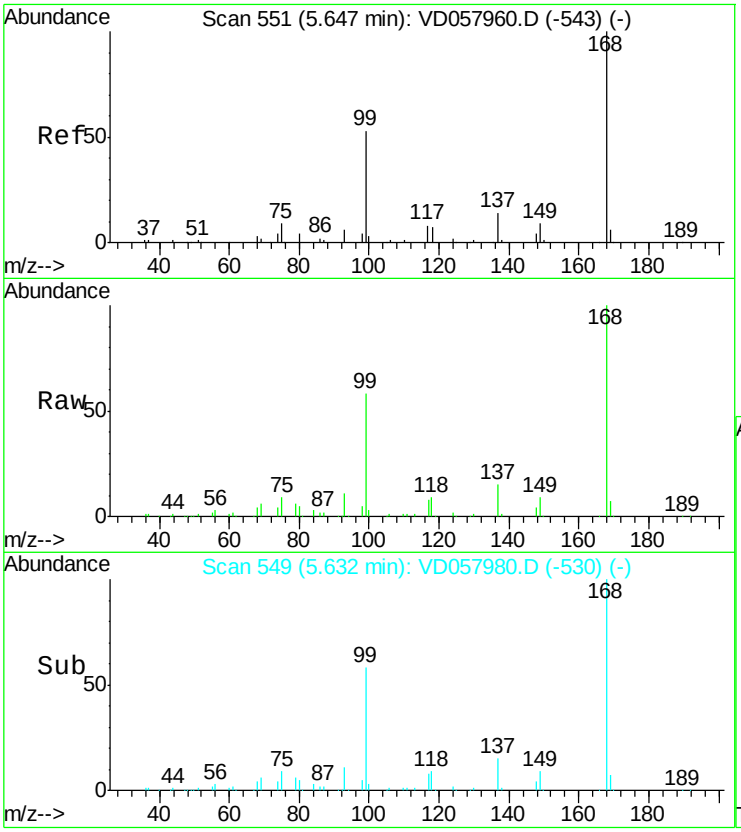
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060718\
Data File : VD057980.D
Acq On : 7 Jun 2018 19:11
Operator : JC/SY
Sample : J3305-01
Misc : 6.47g/5ml/MSVOA_D/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DRUM-1-DRUM-2-ROCKS

Quant Time: Jun 08 06:50:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration



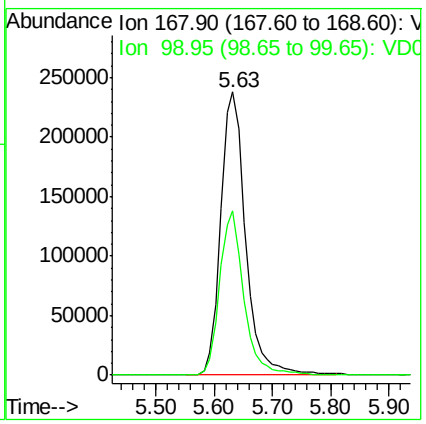


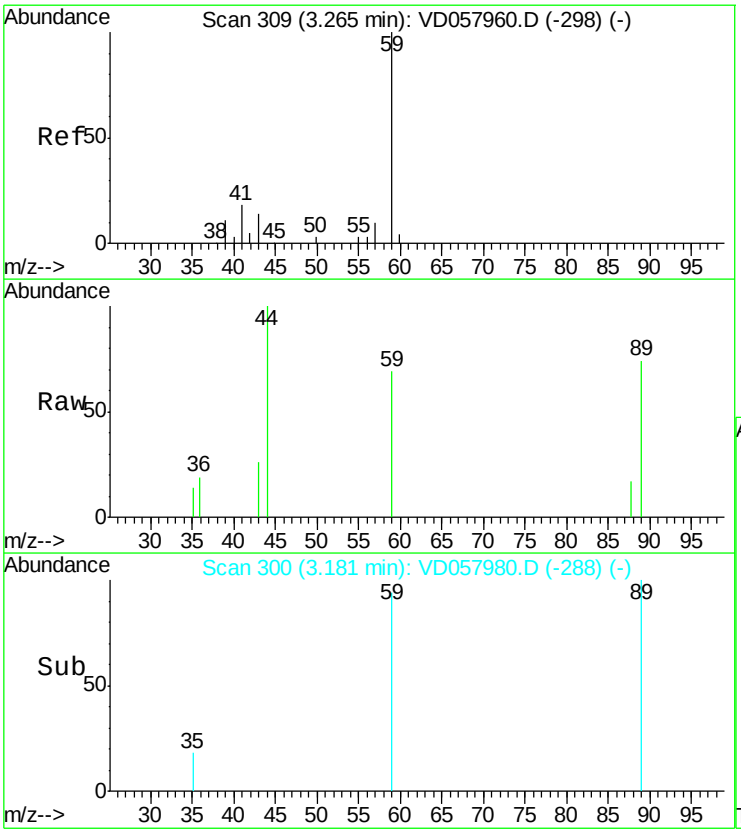
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 549
Delta R.T. -0.02 min
Lab File: VD057980.D
Acq: 7 Jun 2018 19:11

Instrument :
MSVOA_D
ClientSampleId :
DRUM-1-DRUM-2-ROCKS

Tgt Ion:168 Resp: 704321

Ion	Ratio	Lower	Upper
168	100		
99	57.9	46.8	70.2

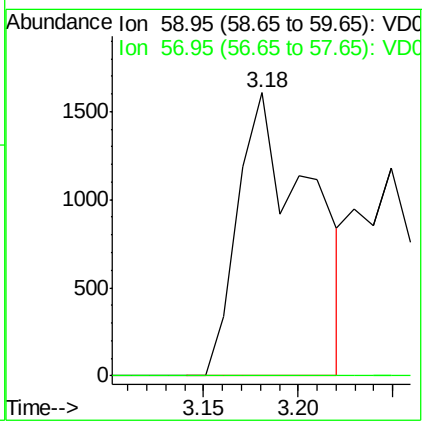


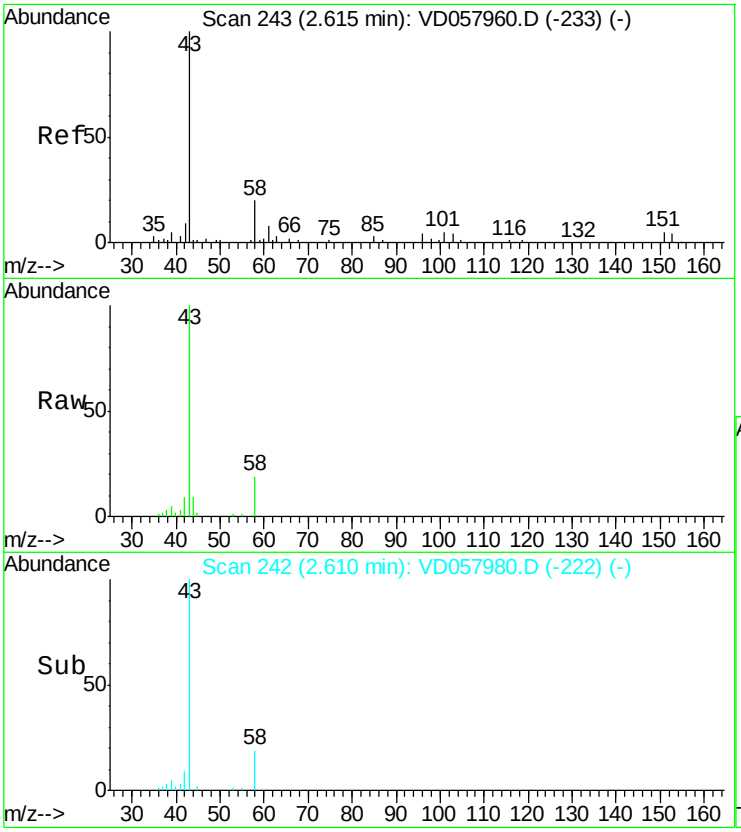


#11
Tert butyl alcohol
Concen: 22.335 ug/l
RT: 3.18 min Scan# 300
Delta R.T. -0.08 min
Lab File: VD057980.D
Acq: 7 Jun 2018 19:11

Tgt Ion: 59 Resp: 4213

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#



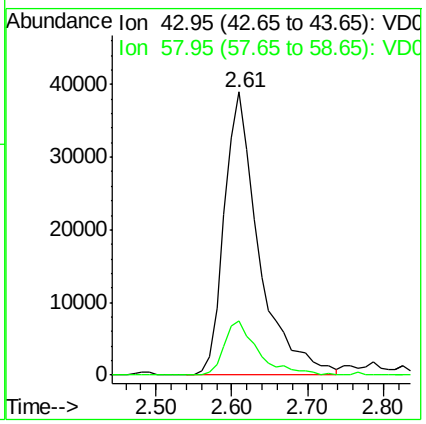


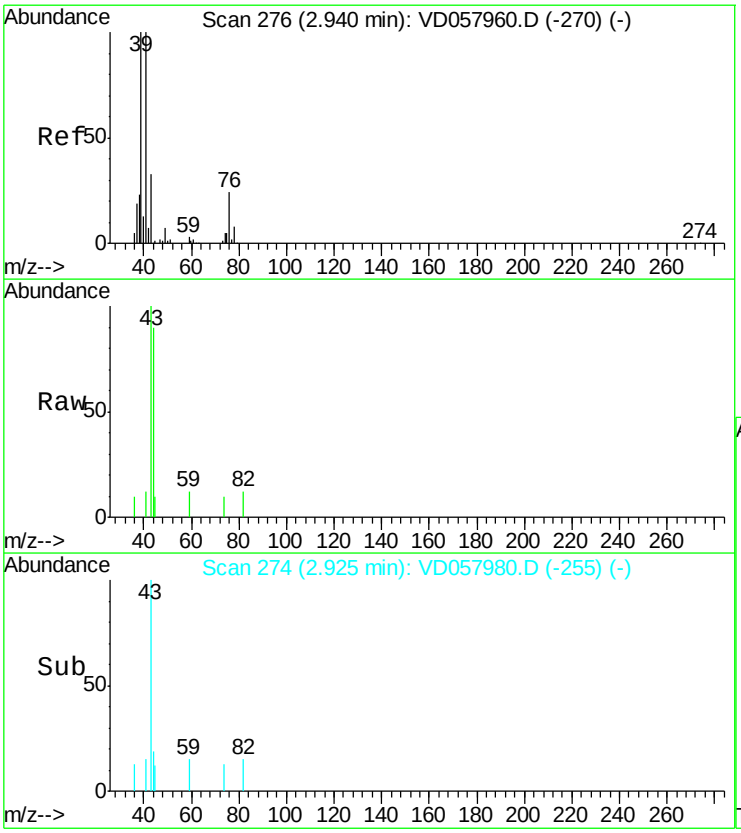
#16
Acetone
Concen: 121.733 ug/l
RT: 2.61 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD057980.D
Acq: 7 Jun 2018 19:11

Instrument :
MSVOA_D
ClientSampleId :
DRUM-1-DRUM-2-ROCKS

Tgt Ion: 43 Resp: 123496

Ion	Ratio	Lower	Upper
43	100		
58	19.4	15.8	23.8

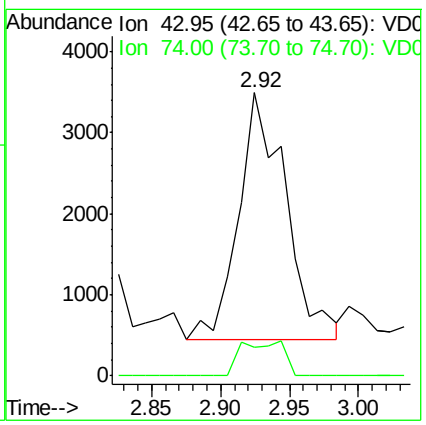


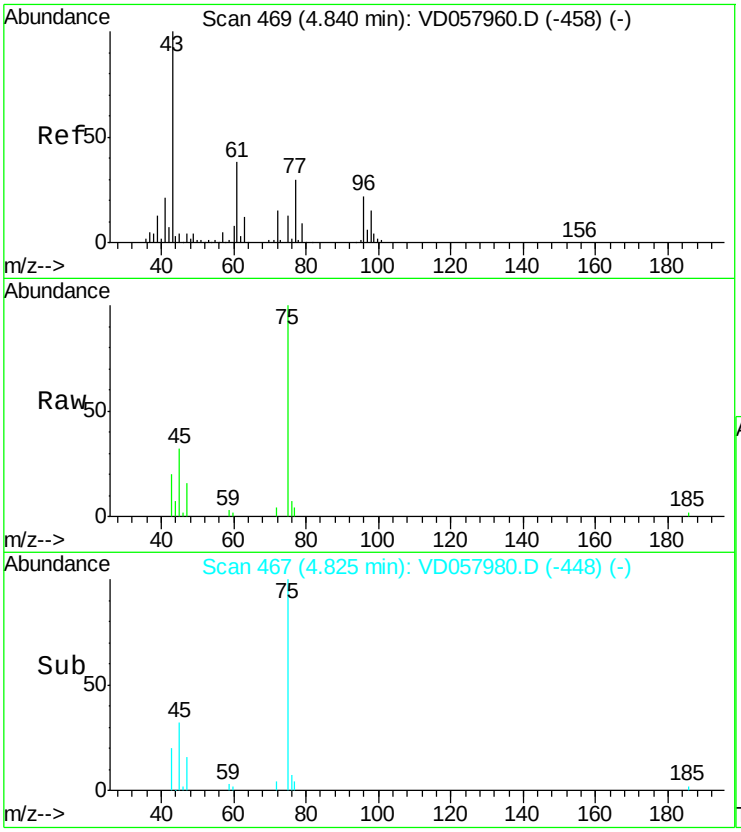


#18
Methyl Acetate
Concen: 3.746 ug/l
RT: 2.92 min Scan# 274
Delta R.T. -0.02 min
Lab File: VD057980.D
Acq: 7 Jun 2018 19:11

Tgt Ion: 43 Resp: 7351

Ion	Ratio	Lower	Upper
43	100		
74	10.1	11.2	16.8#



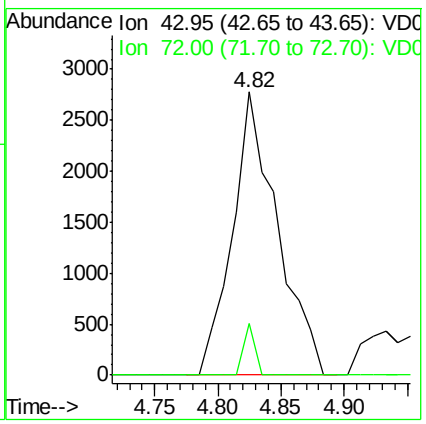


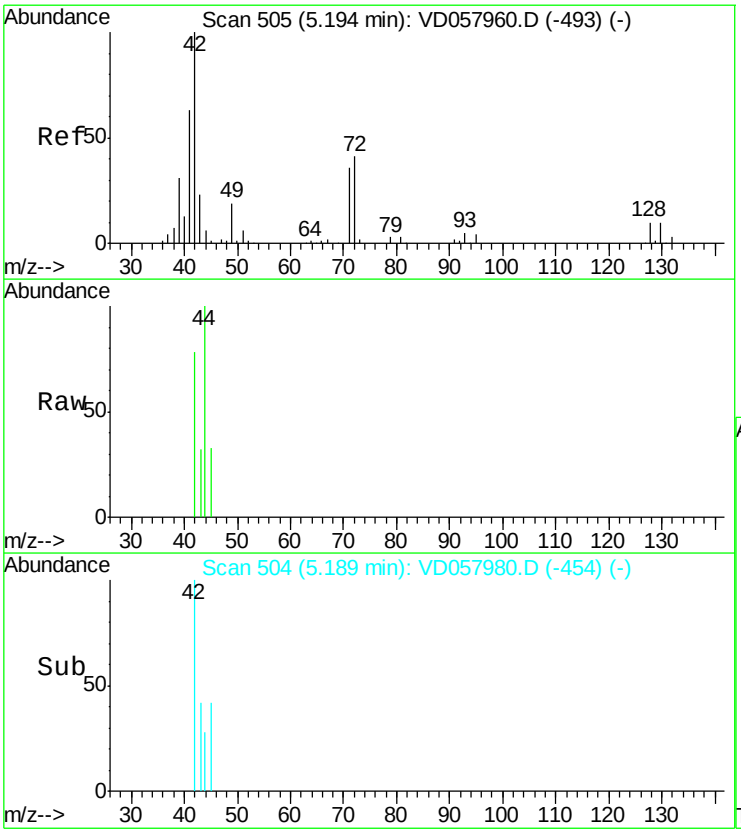
#25
2-Butanone
Concen: 2.965 ug/l
RT: 4.82 min Scan# 467
Delta R.T. -0.02 min
Lab File: VD057980.D
Acq: 7 Jun 2018 19:11

Instrument :
MSVOA_D
ClientSampleId :
DRUM-1-DRUM-2-ROCKS

Tgt Ion: 43 Resp: 6837

Ion	Ratio	Lower	Upper
43	100		
72	18.4	12.0	18.0#

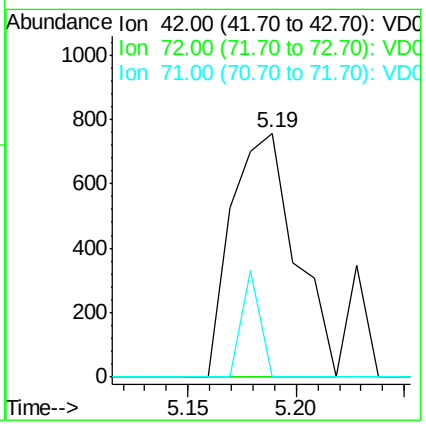


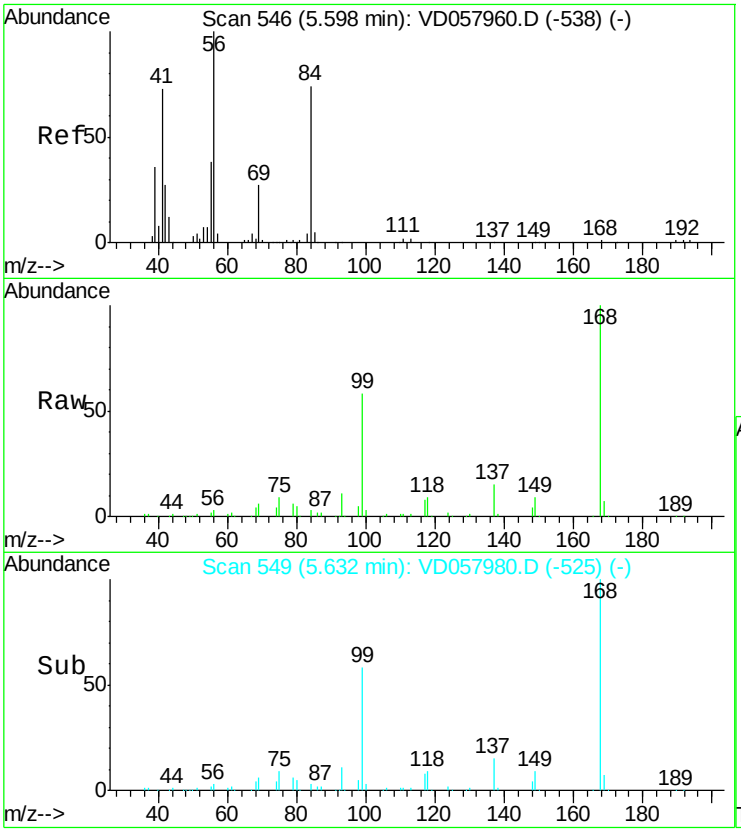


#29
Tetrahydrofuran
Concen: 1.292 ug/l
RT: 5.19 min Scan# 504
Delta R.T. -0.01 min
Lab File: VD057980.D
Acq: 7 Jun 2018 19:11

Tgt Ion: 42 Resp: 1562

Ion	Ratio	Lower	Upper
42	100		
72	0.0	28.5	42.7#
71	12.5	27.9	41.9#



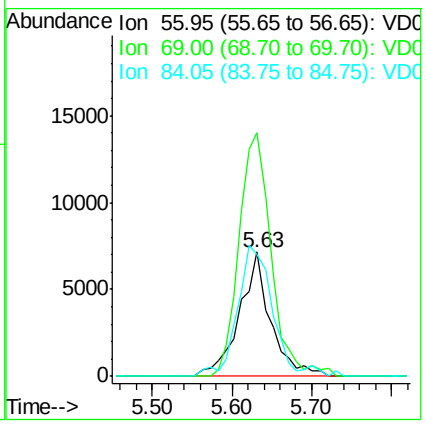


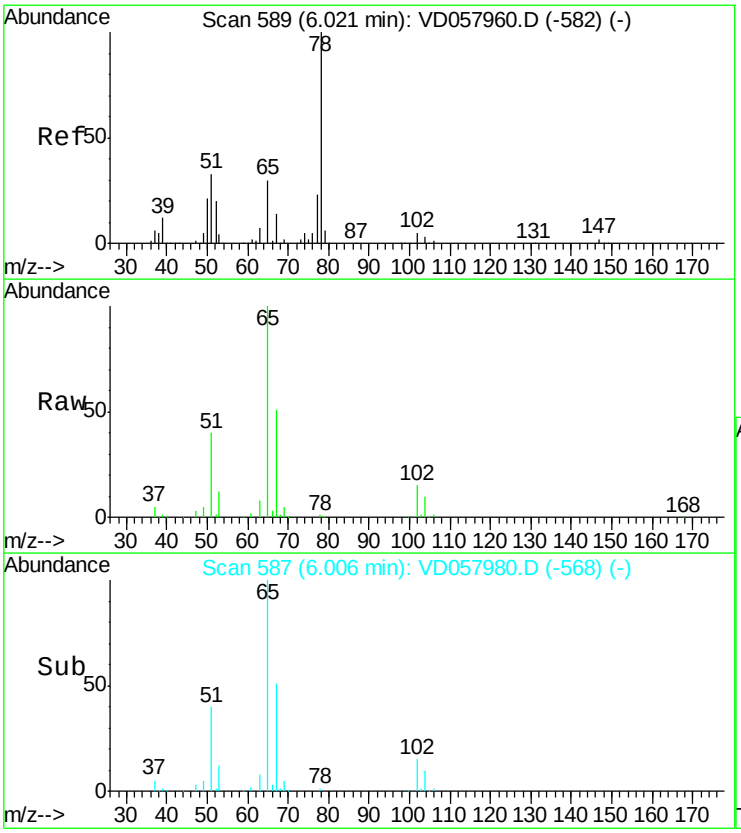
#31
Cyclohexane
Concen: 1.579 ug/l
RT: 5.63 min Scan# 549
Delta R.T. 0.03 min
Lab File: VD057980.D
Acq: 7 Jun 2018 19:11

Instrument :
MSVOA_D
ClientSampleId :
DRUM-1-DRUM-2-ROCKS

Tgt Ion: 56 Resp: 19328

Ion	Ratio	Lower	Upper
56	100		
69	195.8	21.5	32.3#
84	98.1	61.0	91.6#

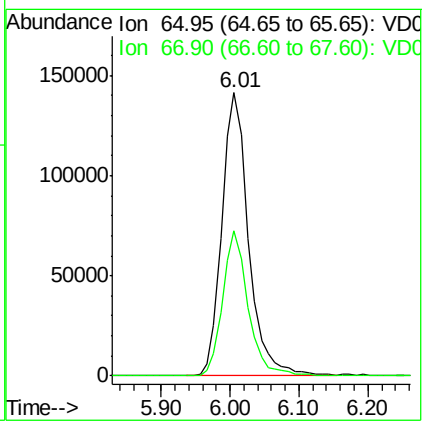


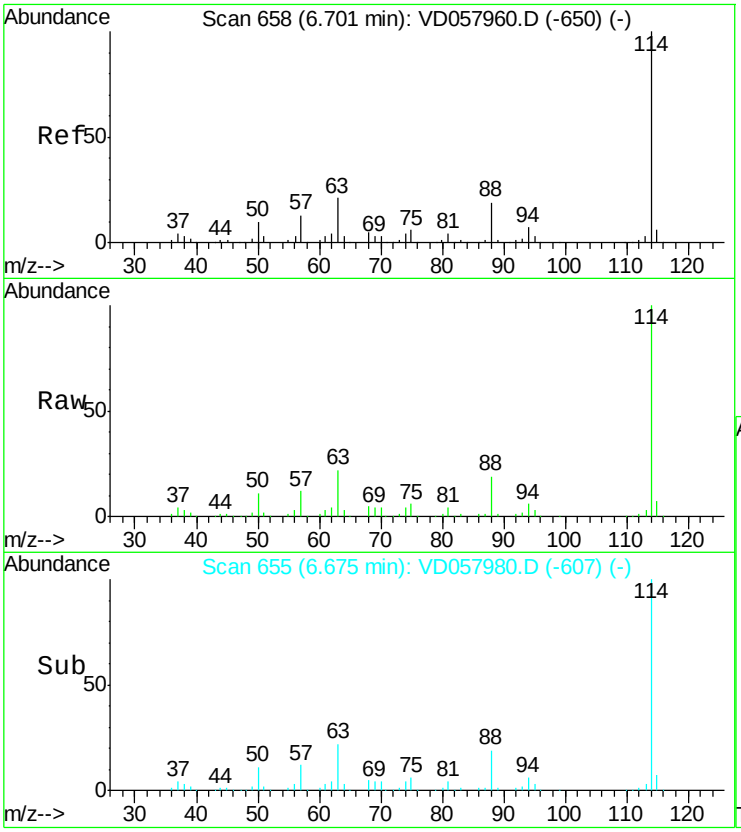


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 587
Delta R.T. -0.02 min
Lab File: VD057980.D
Acq: 7 Jun 2018 19:11

Tgt Ion: 65 Resp: 378979

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	94.0



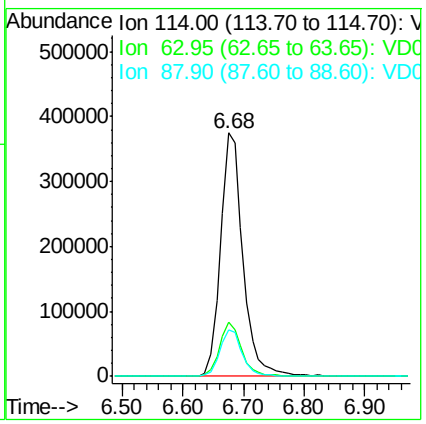


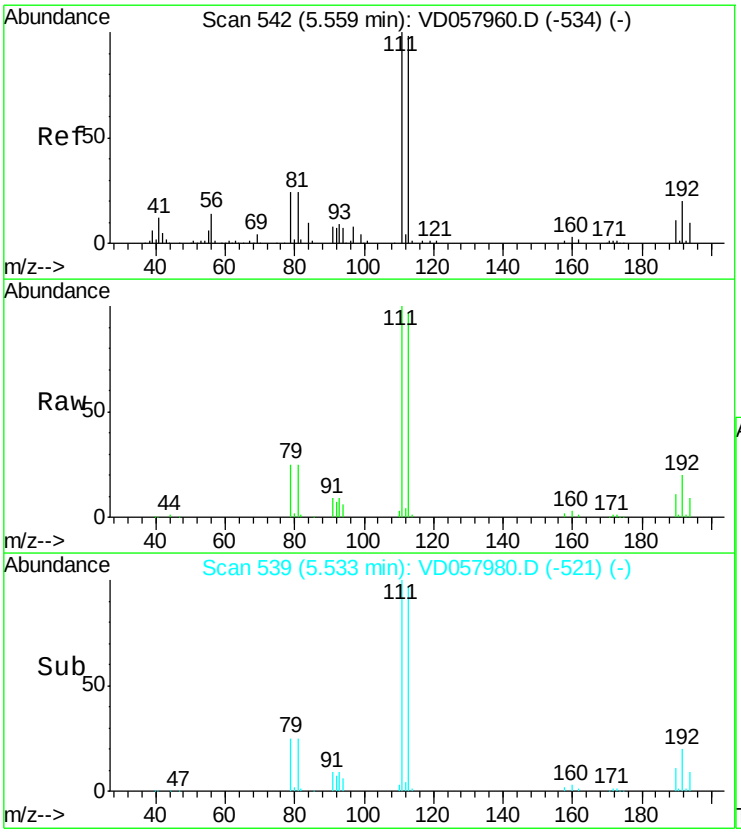
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.68 min Scan# 655
Delta R.T. -0.03 min
Lab File: VD057980.D
Acq: 7 Jun 2018 19:11

Instrument :
MSVOA_D
ClientSampleId :
DRUM-1-DRUM-2-ROCKS

Tgt Ion:114 Resp: 961319

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	42.8
88	19.0	0.0	37.8

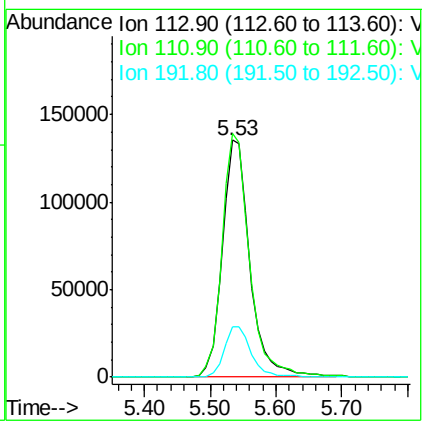


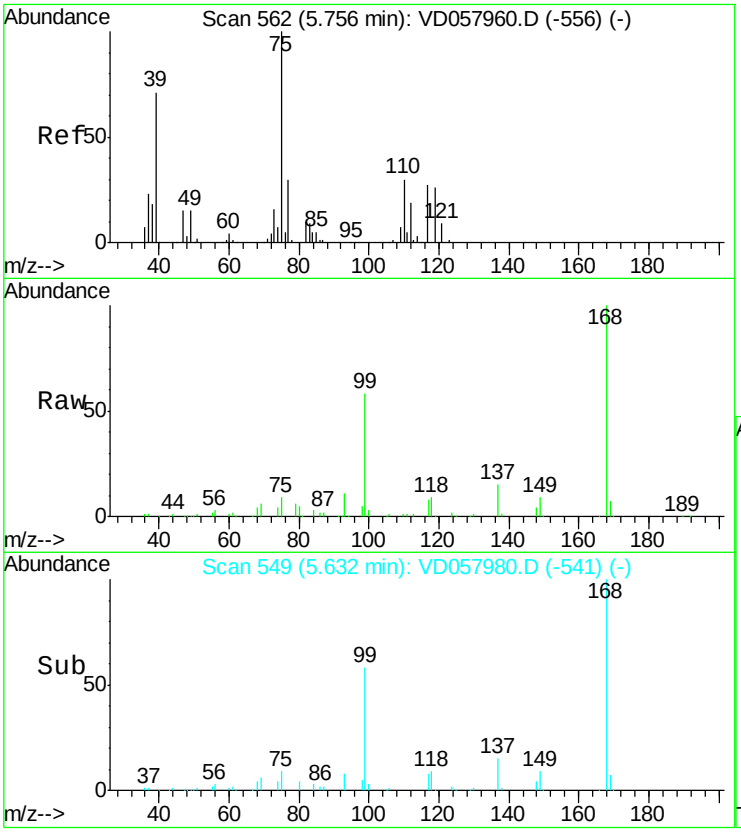


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.53 min Scan# 539
Delta R.T. -0.03 min
Lab File: VD057980.D
Acq: 7 Jun 2018 19:11

Tgt Ion:113 Resp: 396018

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.5	122.3
192	21.1	16.4	24.6



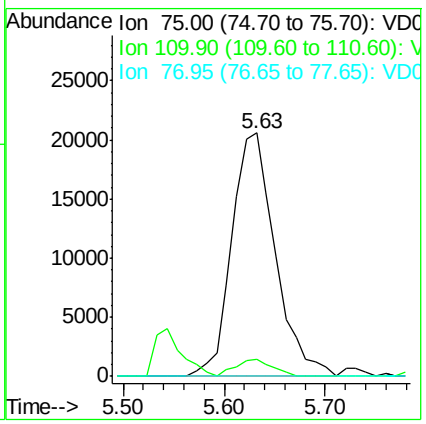


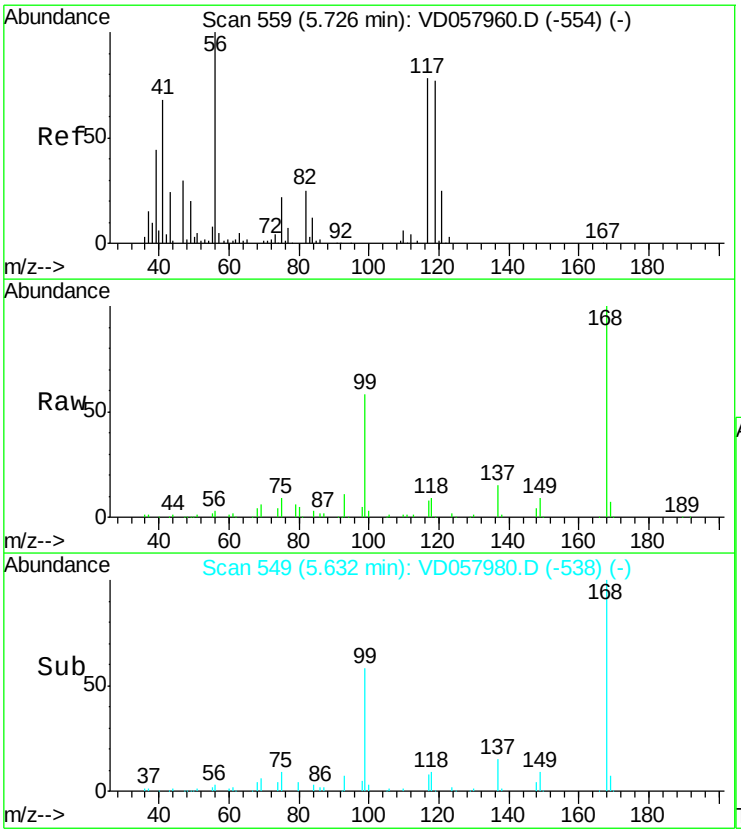
#36
1,1-Dichloropropene
Concen: 5.819 ug/l
RT: 5.63 min Scan# 549
Delta R.T. -0.12 min
Lab File: VD057980.D
Acq: 7 Jun 2018 19:11

Instrument :
MSVOA_D
ClientSampleId :
DRUM-1-DRUM-2-ROCKS

Tgt Ion: 75 Resp: 61626

Ion	Ratio	Lower	Upper
75	100		
110	6.8	14.8	44.3#
77	0.0	23.9	35.9#

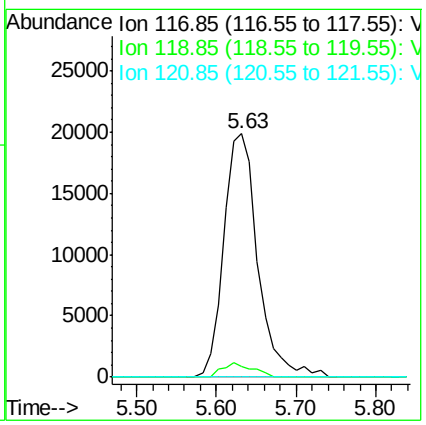


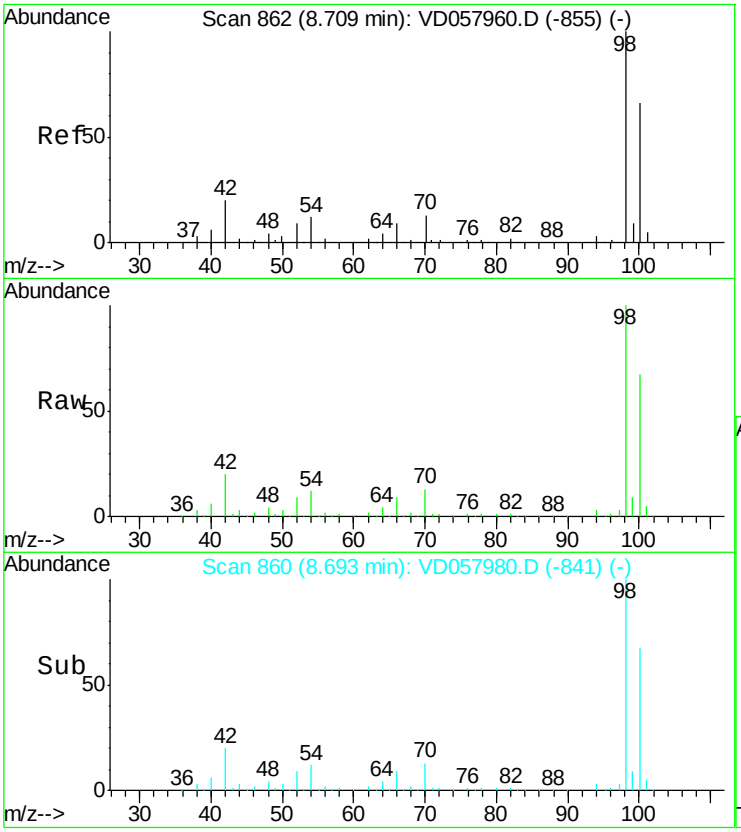


#38
Carbon Tetrachloride
Concen: 5.675 ug/l
RT: 5.63 min Scan# 549
Delta R.T. -0.09 min
Lab File: VD057980.D
Acq: 7 Jun 2018 19:11

Tgt Ion:117 Resp: 59231

Ion	Ratio	Lower	Upper
117	100		
119	4.2	76.1	114.1#
121	0.0	24.9	37.3#



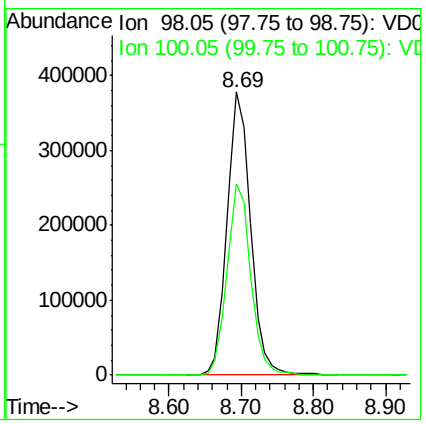


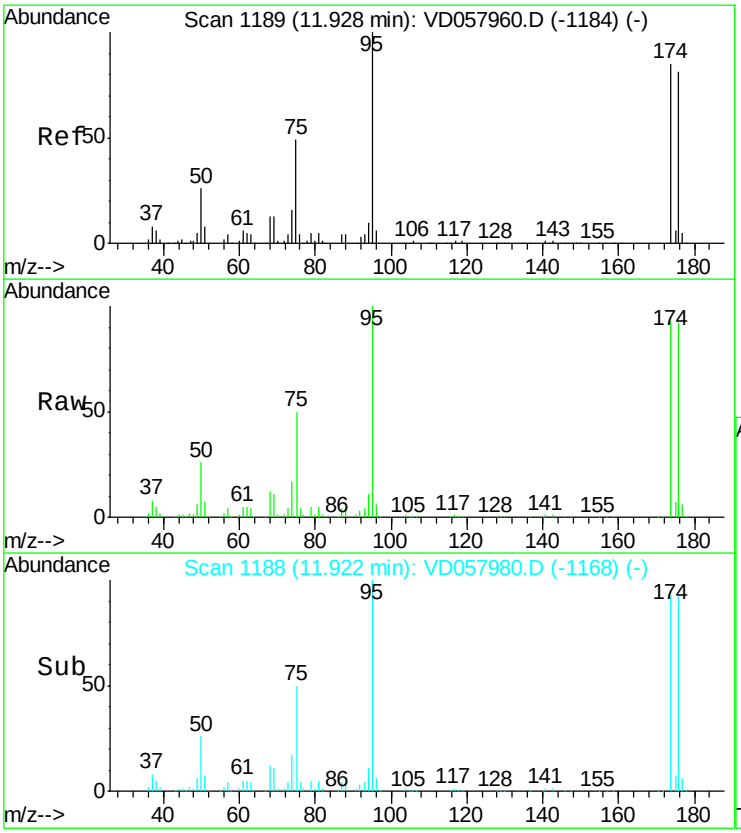
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 860
Delta R.T. -0.02 min
Lab File: VD057980.D
Acq: 7 Jun 2018 19:11

Instrument :
MSVOA_D
ClientSampleId :
DRUM-1-DRUM-2-ROCKS

Tgt Ion: 98 Resp: 861700

Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.4	80.0

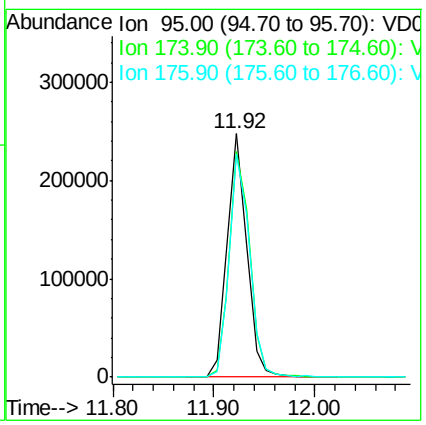


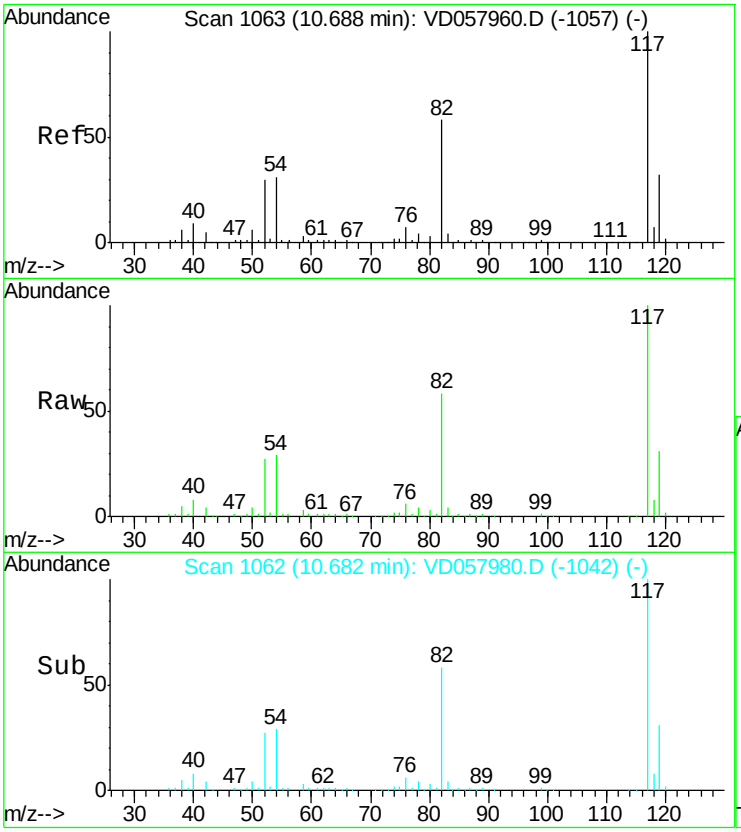


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VD057980.D
Acq: 7 Jun 2018 19:11

Tgt Ion: 95 Resp: 334443

Ion	Ratio	Lower	Upper
95	100		
174	92.6	0.0	169.4
176	91.8	0.0	162.6



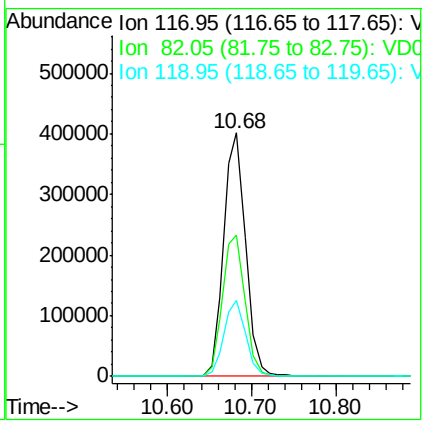


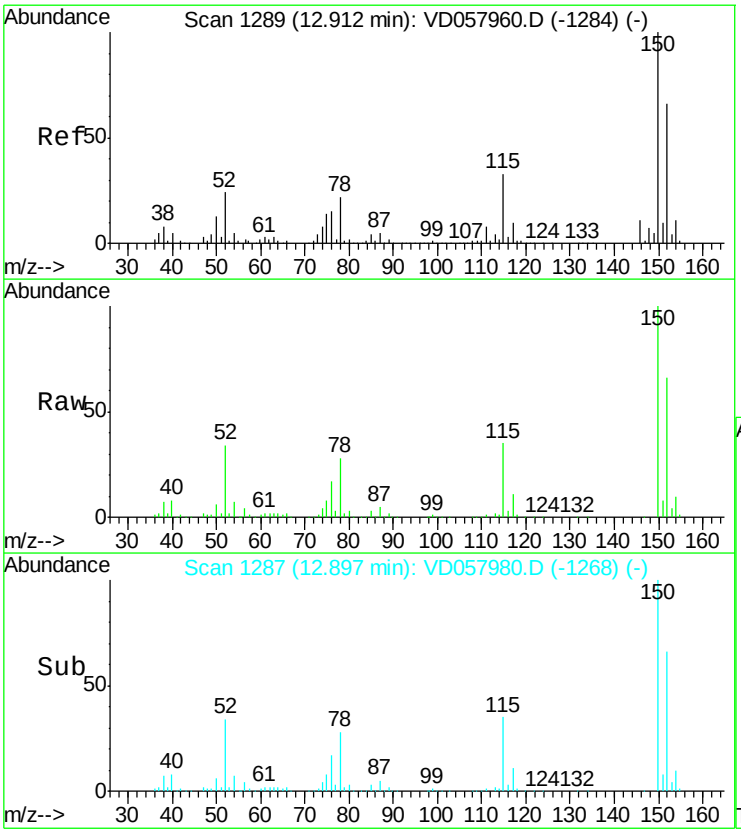
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD057980.D
Acq: 7 Jun 2018 19:11

Instrument :
MSVOA_D
ClientSampleId :
DRUM-1-DRUM-2-ROCKS

Tgt Ion:117 Resp: 729548

Ion	Ratio	Lower	Upper
117	100		
82	58.0	46.8	70.2
119	31.2	25.8	38.6

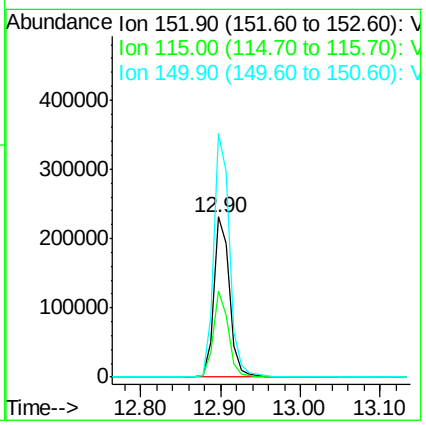


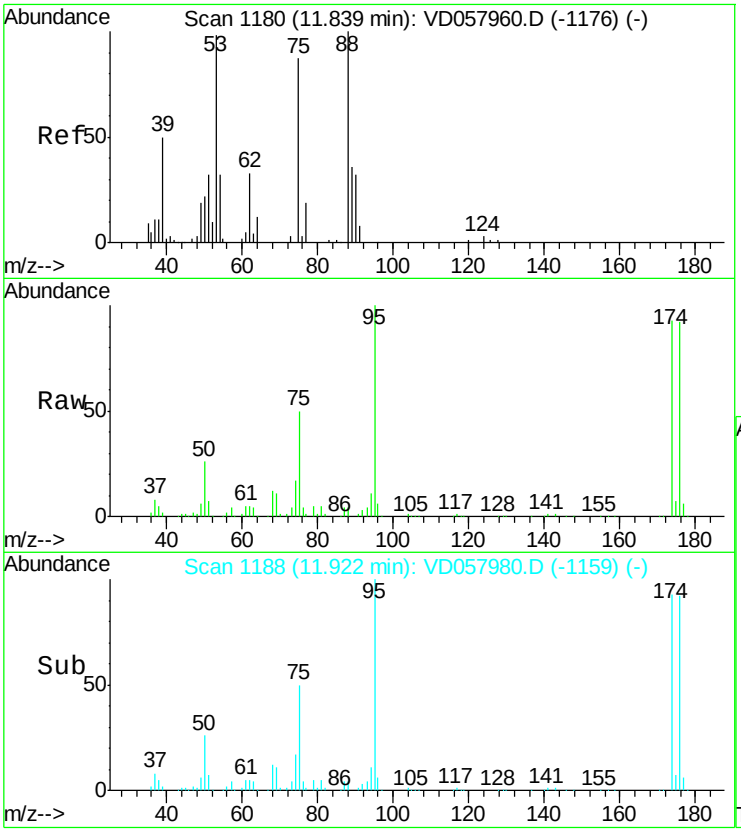


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1287
Delta R.T. -0.02 min
Lab File: VD057980.D
Acq: 7 Jun 2018 19:11

Tgt Ion:152 Resp: 321428

Ion	Ratio	Lower	Upper
152	100		
115	53.5	25.6	76.6
150	152.0	0.0	306.8



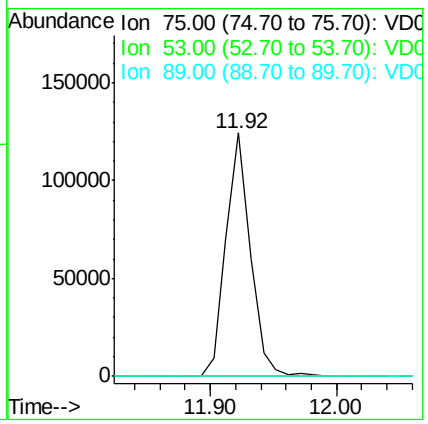


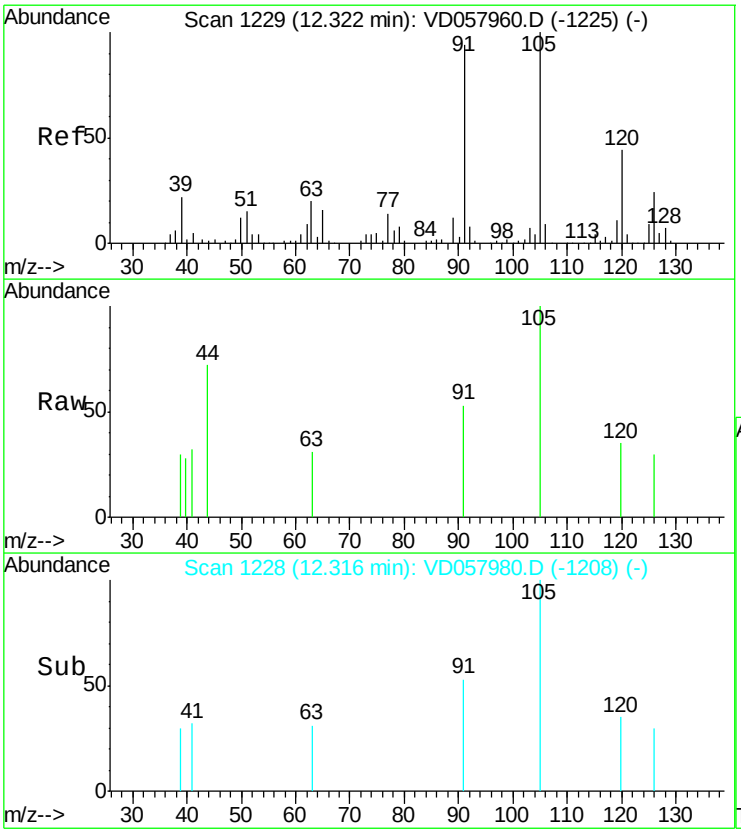
#81
trans-1,4-Dichloro-2-butene
Concen: 139.878 ug/l
RT: 11.92 min Scan# 1188
Delta R.T. 0.08 min
Lab File: VD057980.D
Acq: 7 Jun 2018 19:11

Instrument :
MSVOA_D
ClientSampleId :
DRUM-1-DRUM-2-ROCKS

Tgt Ion: 75 Resp: 167280

Ion	Ratio	Lower	Upper
75	100		
53	0.0	89.3	133.9#
89	0.0	33.3	49.9#

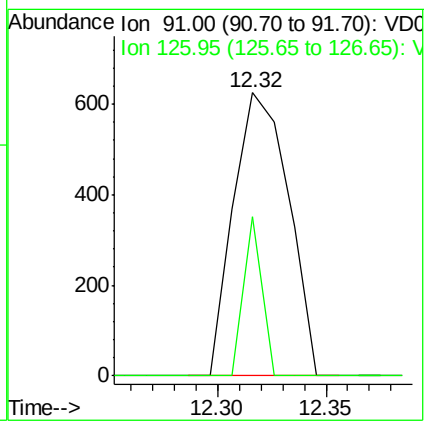


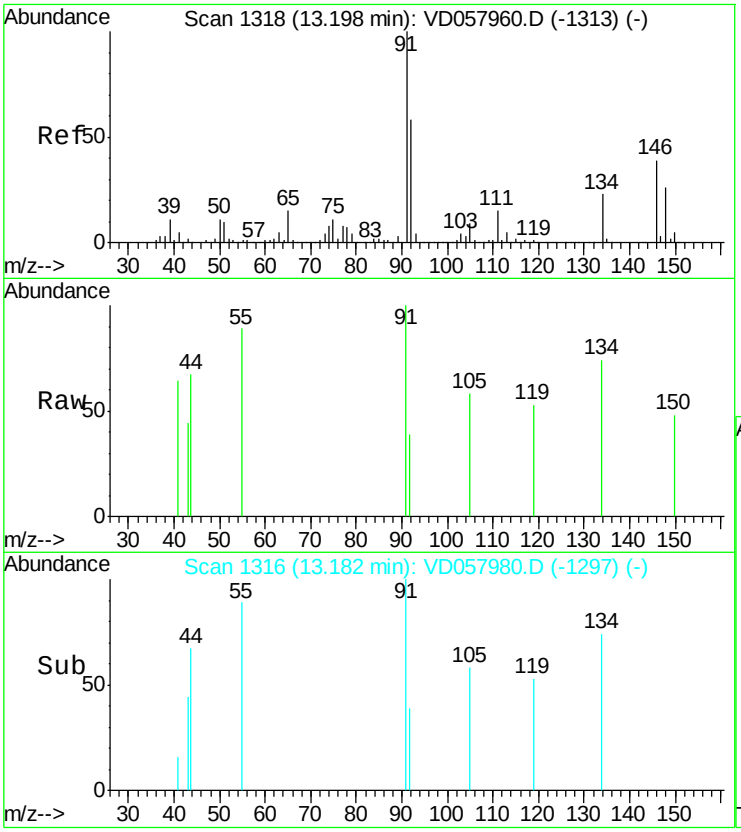


#82
4-Chlorotoluene
Concen: Below Cal
RT: 12.32 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VD057980.D
Acq: 7 Jun 2018 19:11

Tgt Ion: 91 Resp: 1113

Ion	Ratio	Lower	Upper
91	100		
126	56.2	12.5	37.5#





#89
n-Butylbenzene
Concen: Below Cal
RT: 13.18 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD057980.D
Acq: 7 Jun 2018 19:11

Instrument :
MSVOA_D
ClientSampleId :
DRUM-1-DRUM-2-ROCKS

Tgt Ion: 91 Resp: 1695

Ion	Ratio	Lower	Upper
91	100		
92	39.3	29.2	87.6
134	73.9	11.3	33.9#