Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD092818\
Data File : VD060093.D
Acq On : 28 Sep 2018 13:01
Operator : VA/AP
Sample : VD0928SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0928SBL01

Quant Time: Sep 28 23:15:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 13 16:17:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1683609	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.45	114	2311502	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	1873065	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	1010345	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	722523	55.03	ug/l	0.02
Spiked Amount 50.000			Recovery = 110.06%			
35) Dibromofluoromethane	6.32	113	974885	53.98	ug/l	0.02
Spiked Amount 50.000			Recovery = 107.96%			
50) Toluene-d8	9.45	98	2725001	54.45	ug/l	0.01
Spiked Amount 50.000			Recovery = 108.90%			
62) 4-Bromofluorobenzene	12.43	95	1030549	53.90	ug/l	0.01
Spiked Amount 50.000			Recovery = 107.80%			
Target Compounds						Qvalue
5) Bromomethane	2.17	94	2549	1.706	ug/l	95
11) Tert butyl alcohol	3.87	59	6502	6.137	ug/l #	74
16) Acetone	3.16	43	15236	6.011	ug/l #	85
20) Methylene Chloride	3.72	84	107237	Below Cal		99
25) 2-Butanone	5.62	43	12165	1.778	ug/l #	61
29) Tetrahydrofuran	5.96	42	5819	1.586	ug/l #	81
31) Cyclohexane	6.40	56	32959	1.130	ug/l #	1
36) 1,1-Dichloropropene	6.40	75	111937	4.875	ug/l #	47
38) Carbon Tetrachloride	6.40	117	133680	6.237	ug/l #	15
51) 4-Methyl-2-Pentanone	9.34	43	11686	Below Cal #		86
59) 2-Hexanone	10.49	43	6443	Below Cal		96
76) 1,2,3-Trichloropropane	12.43	75	384375	24.910	ug/l #	44
81) trans-1,4-Dichloro-2-buten	12.43	75	400947	86.077	ug/l #	15
89) n-Butylbenzene	13.65	91	7514	Below Cal		90
91) 1,2-Dichlorobenzene	13.66	146	6126	Below Cal		96

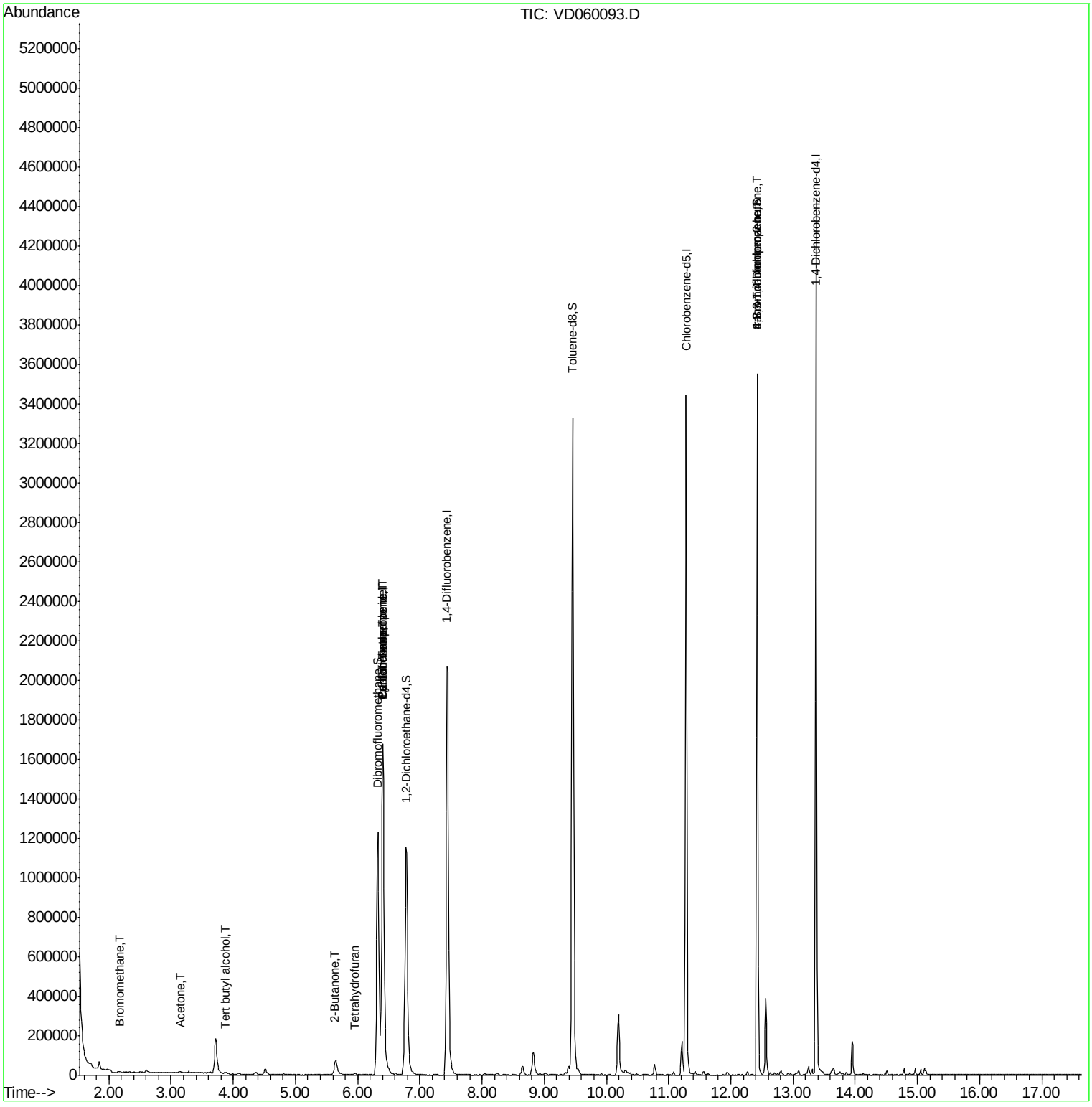
(#) = qualifier out of range (m) = manual integration (+) = signals summed

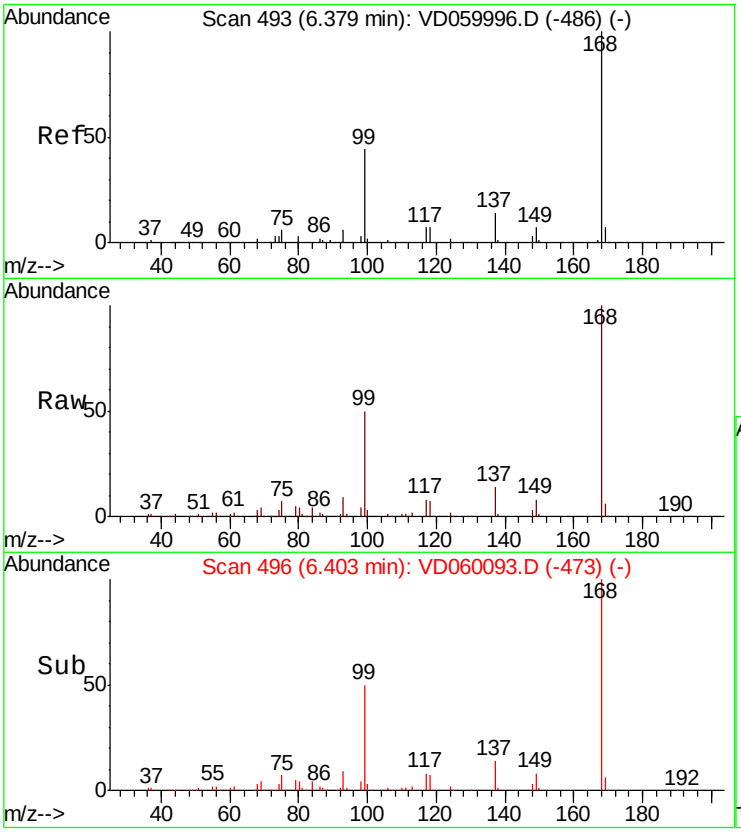
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092818\
Data File : VD060093.D
Acq On : 28 Sep 2018 13:01
Operator : VA/AP
Sample : VD0928SBL01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBL01

Quant Time: Sep 28 23:15:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 13 16:17:40 2018
Response via : Initial Calibration



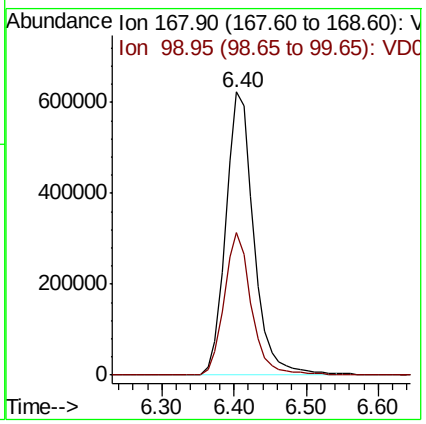


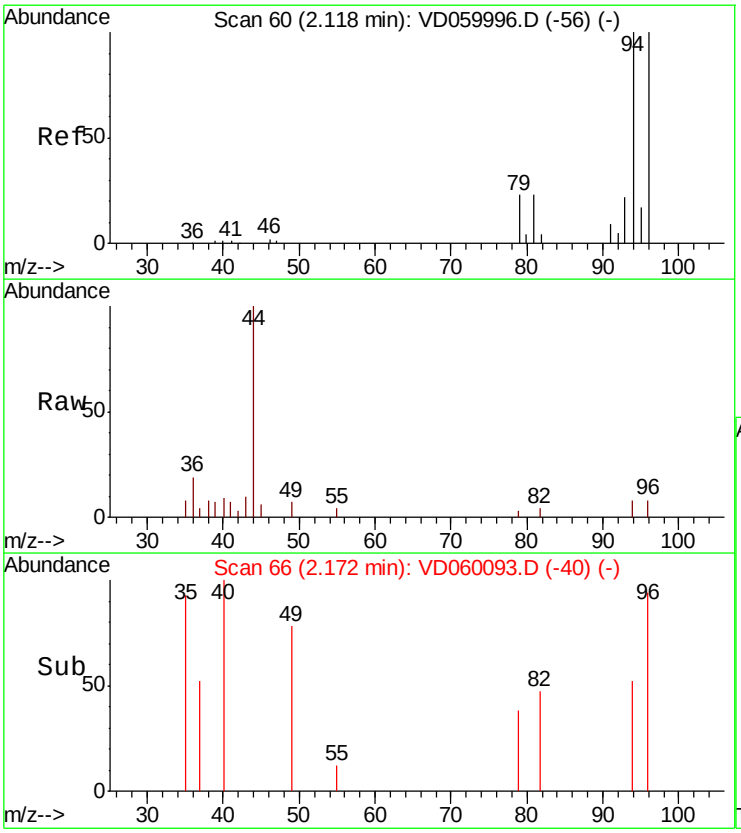
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.40 min Scan# 496
Delta R.T. 0.02 min
Lab File: VD060093.D
Acq: 28 Sep 2018 13:01

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBL01

Tgt Ion:168 Resp: 1683609

Ion	Ratio	Lower	Upper
168	100		
99	50.2	38.5	57.7

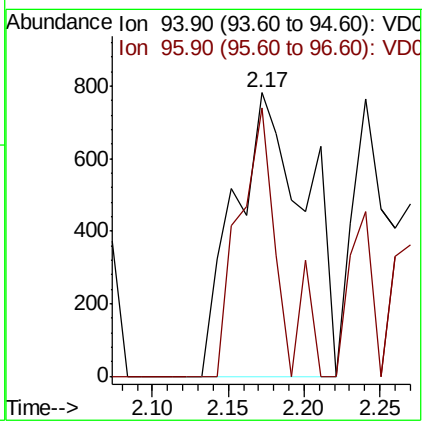


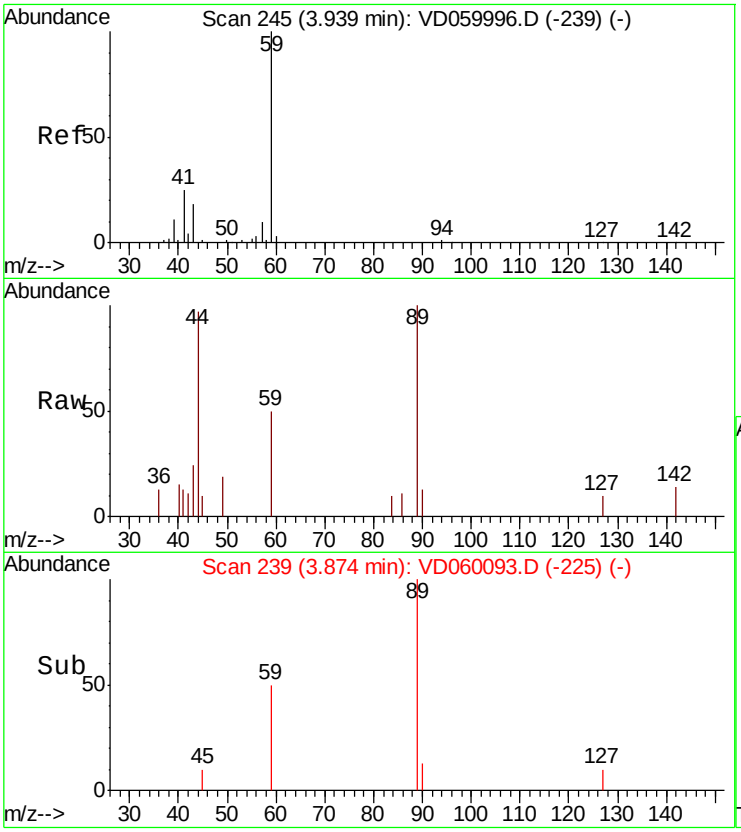


#5
Bromomethane
Concen: 1.706 ug/l
RT: 2.17 min Scan# 66
Delta R.T. 0.05 min
Lab File: VD060093.D
Acq: 28 Sep 2018 13:01

Tgt Ion: 94 Resp: 2549

Ion	Ratio	Lower	Upper
94	100		
96	94.5	79.8	119.8



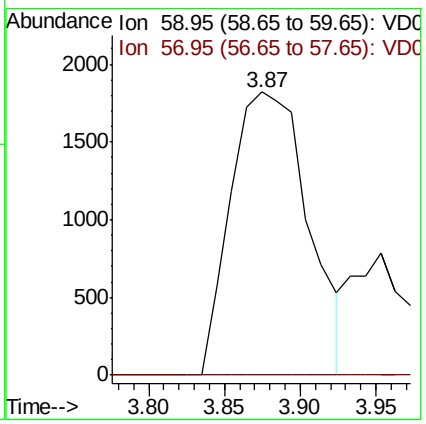


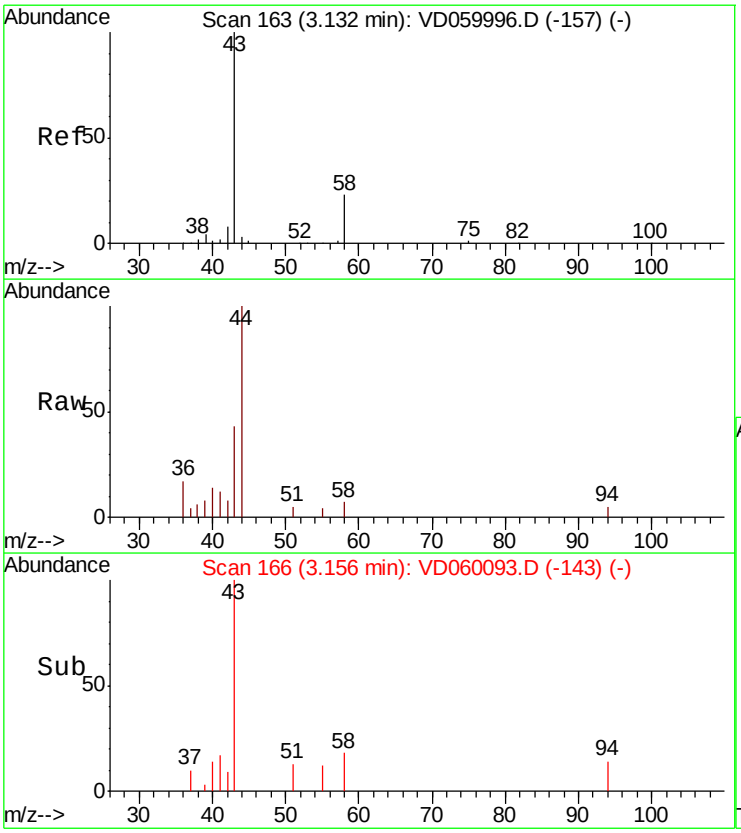
#11
Tert butyl alcohol
Concen: 6.137 ug/l
RT: 3.87 min Scan# 239
Delta R.T. -0.06 min
Lab File: VD060093.D
Acq: 28 Sep 2018 13:01

Instrument : MSVOA_D
ClientSampleId : VD0928SBL01

Tgt Ion: 59 Resp: 6502

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.2#

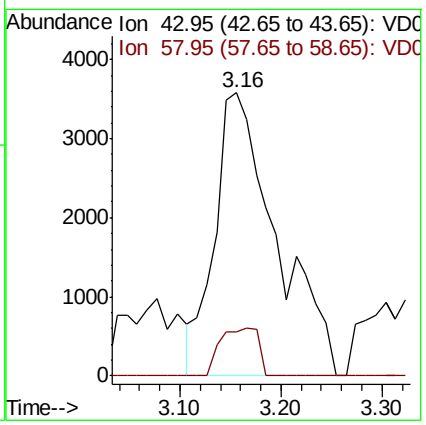


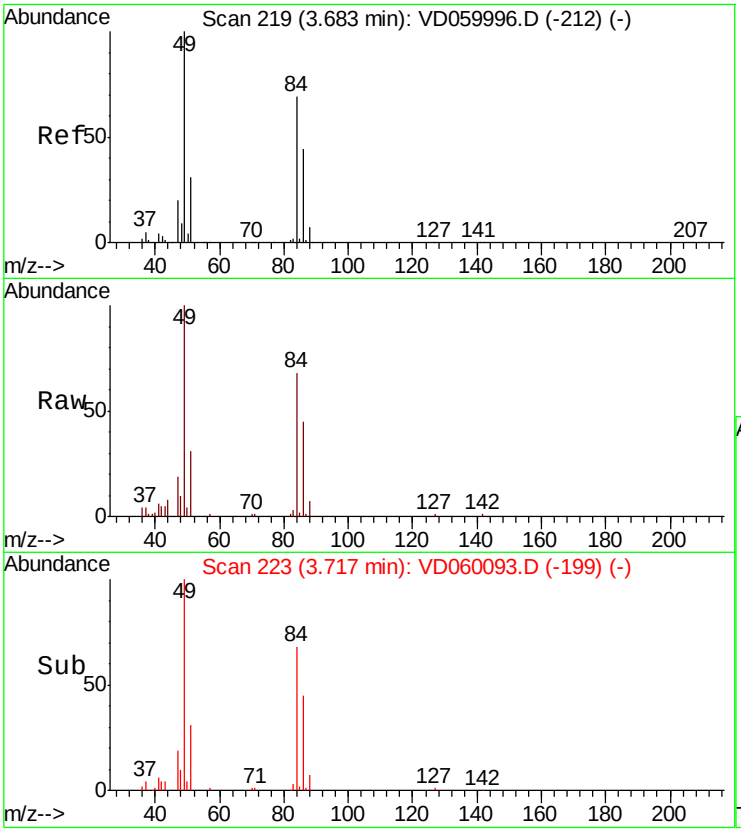


#16
Acetone
Concen: 6.011 ug/l
RT: 3.16 min Scan# 166
Delta R.T. 0.02 min
Lab File: VD060093.D
Acq: 28 Sep 2018 13:01

Tgt Ion: 43 Resp: 15236

Ion	Ratio	Lower	Upper
43	100		
58	15.5	18.1	27.1#



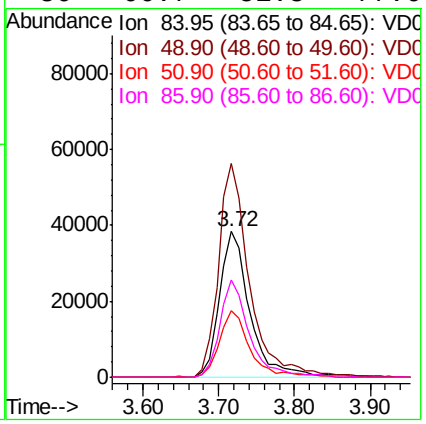


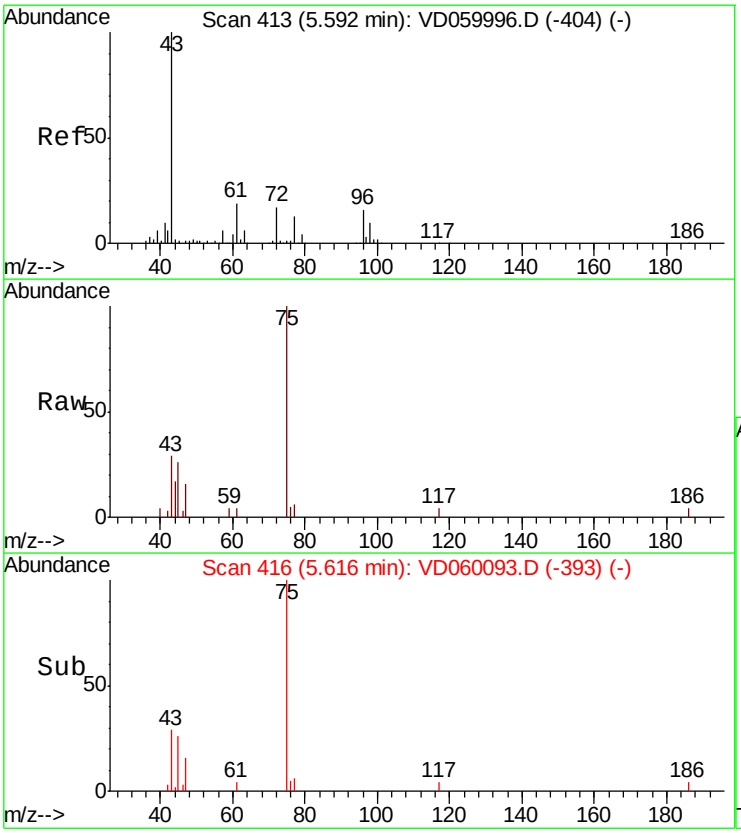
#20
Methylene Chloride
Concen: Below Cal
RT: 3.72 min Scan# 223
Delta R.T. 0.03 min
Lab File: VD060093.D
Acq: 28 Sep 2018 13:01

Instrument : MSVOA_D
ClientSampleId : VD0928SBL01

Tgt Ion: 84 Resp: 107237

Ion	Ratio	Lower	Upper
84	100		
49	146.8	116.6	175.0
51	45.6	35.9	53.9
86	66.7	51.8	77.6

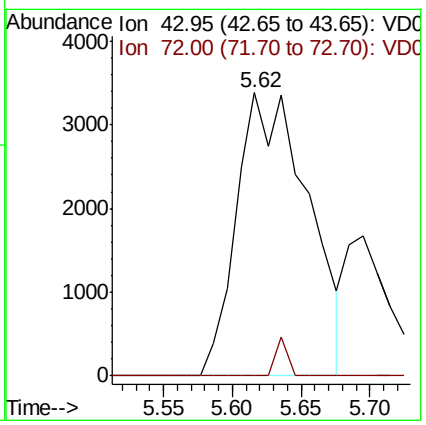


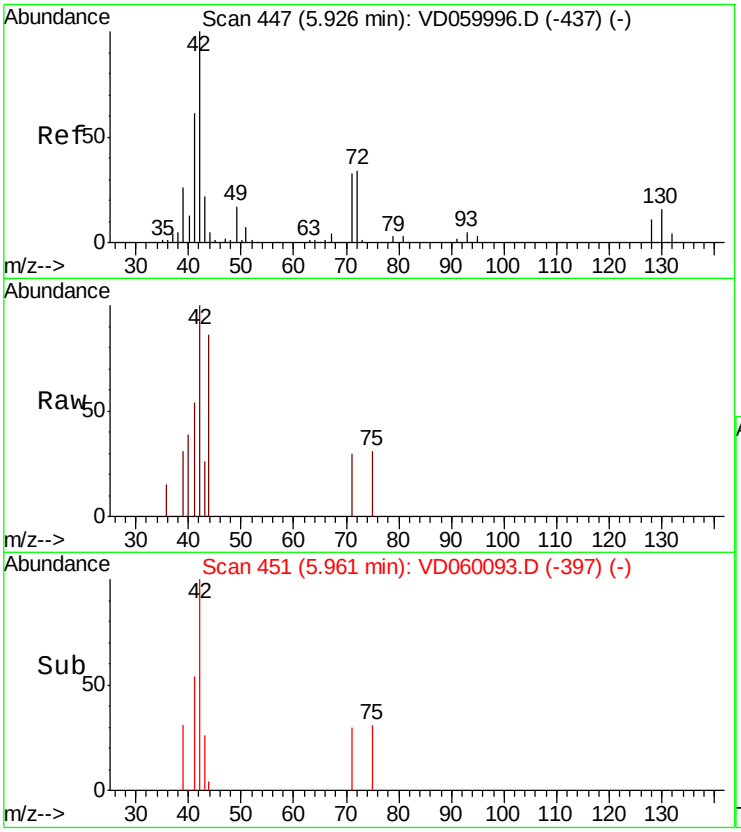


#25
2-Butanone
Concen: 1.778 ug/l
RT: 5.62 min Scan# 416
Delta R.T. 0.03 min
Lab File: VD060093.D
Acq: 28 Sep 2018 13:01

Tgt Ion: 43 Resp: 12165

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.6	20.4#



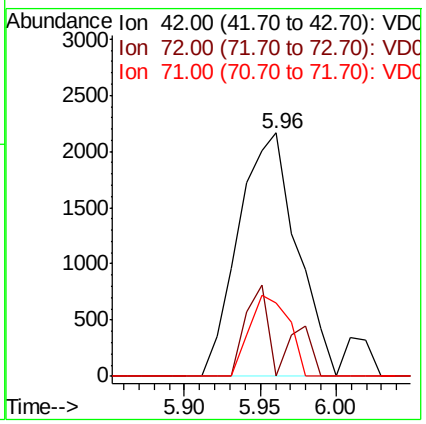


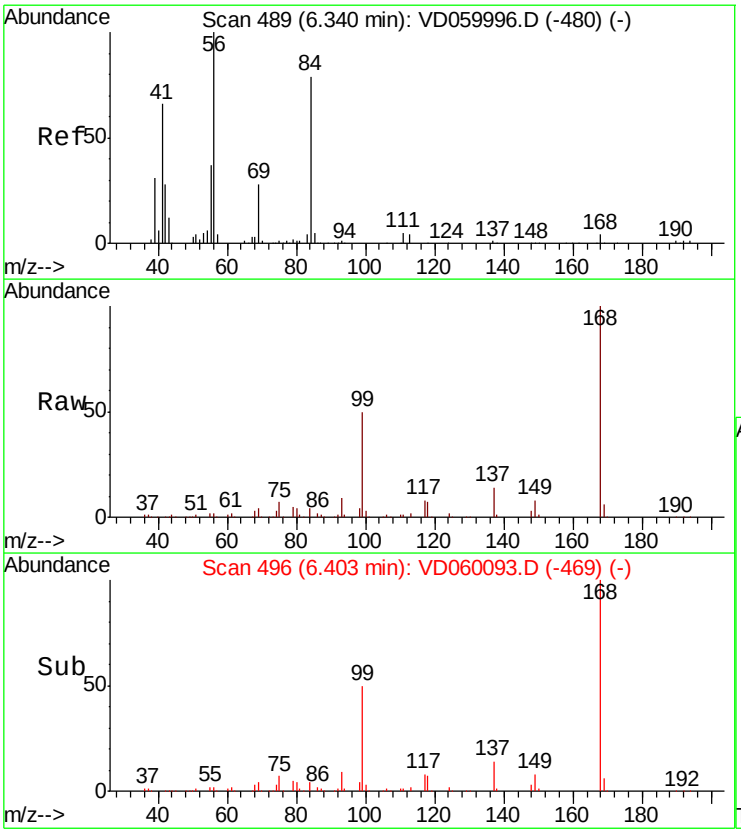
#29
Tetrahydrofuran
Concen: 1.586 ug/l
RT: 5.96 min Scan# 451
Delta R.T. 0.03 min
Lab File: VD060093.D
Acq: 28 Sep 2018 13:01

Instrument : MSVOA_D
ClientSampleId : VD0928SBL01

Tgt Ion: 42 Resp: 5819

Ion	Ratio	Lower	Upper
42	100		
72	22.3	26.9	40.3#
71	22.6	26.2	39.4#

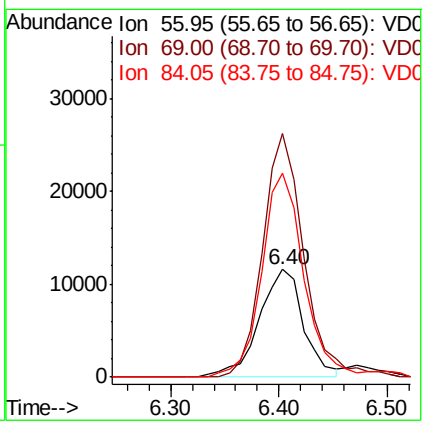


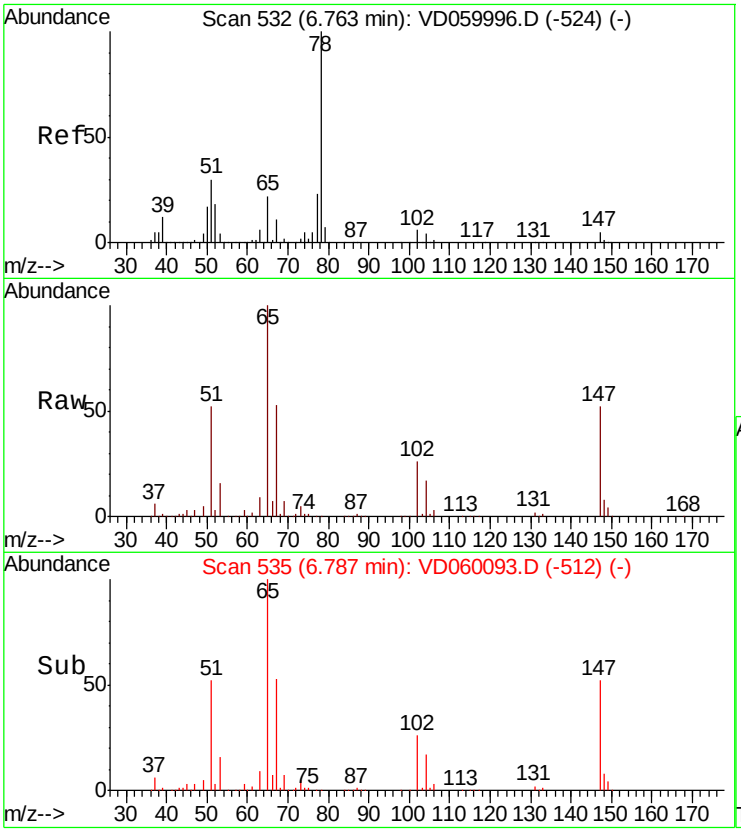


#31
Cyclohexane
Concen: 1.130 ug/l
RT: 6.40 min Scan# 496
Delta R.T. 0.06 min
Lab File: VD060093.D
Acq: 28 Sep 2018 13:01

Tgt Ion: 56 Resp: 32959

Ion	Ratio	Lower	Upper
56	100		
69	225.7	22.7	34.1#
84	189.2	64.0	96.0#



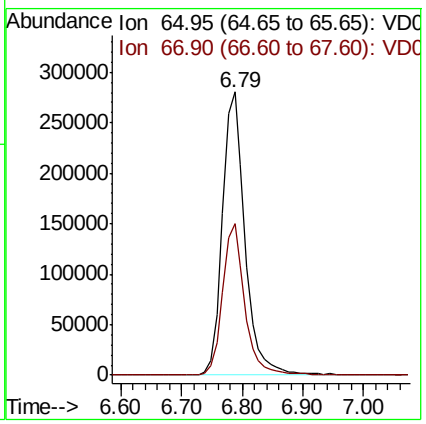


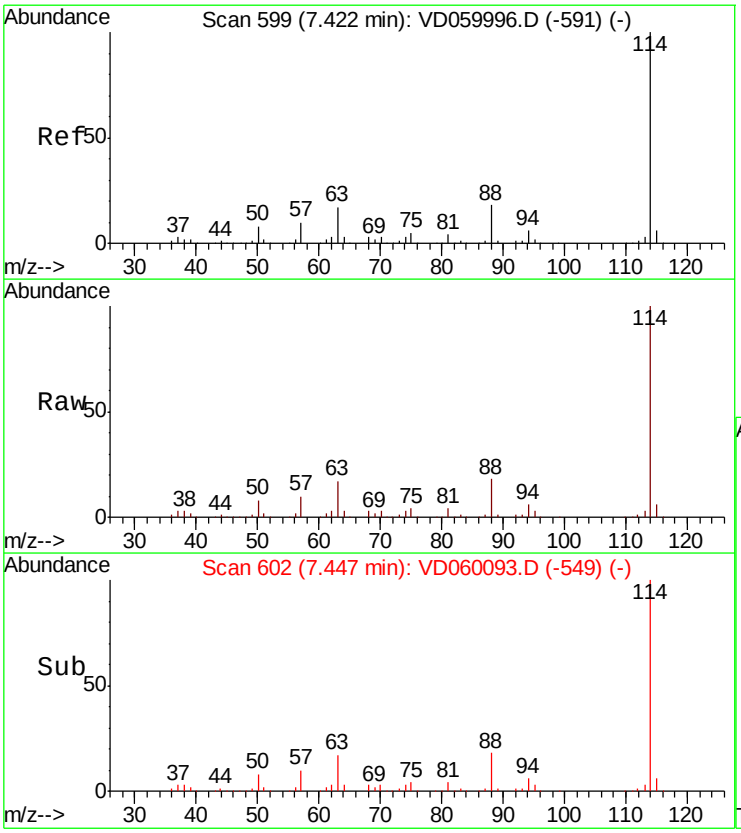
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 6.79 min Scan# 535
Delta R.T. 0.02 min
Lab File: VD060093.D
Acq: 28 Sep 2018 13:01

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBL01

Tgt Ion: 65 Resp: 722523

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	104.8

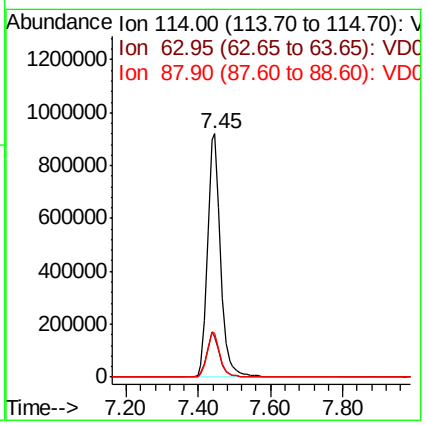


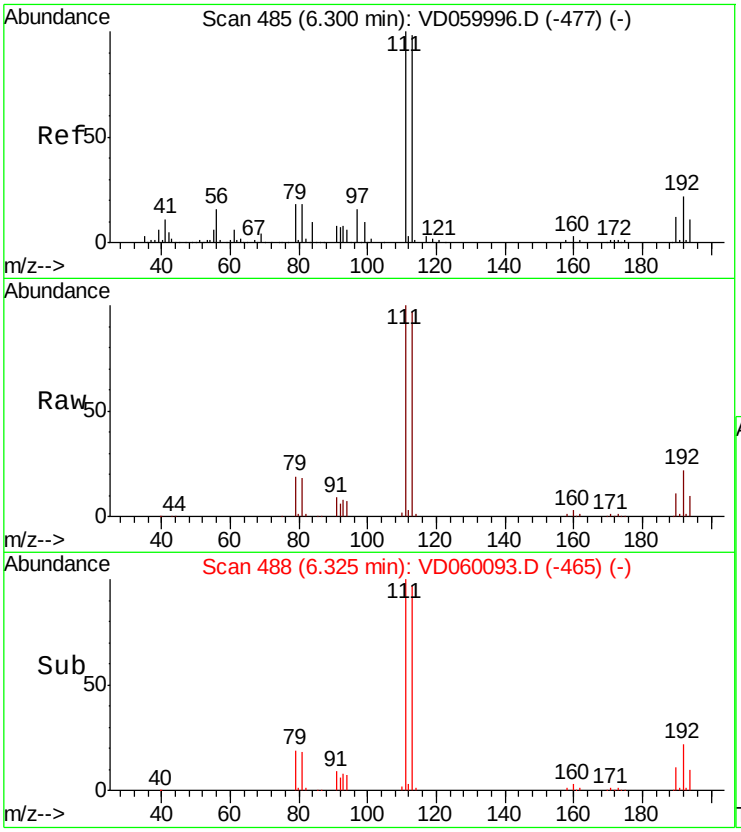


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.45 min Scan# 602
Delta R.T. 0.02 min
Lab File: VD060093.D
Acq: 28 Sep 2018 13:01

Tgt Ion:114 Resp: 2311502

Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	34.4
88	18.2	0.0	35.8



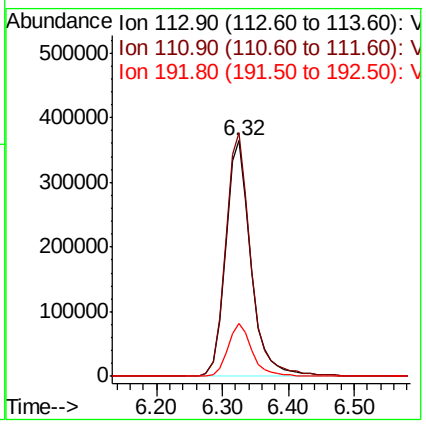


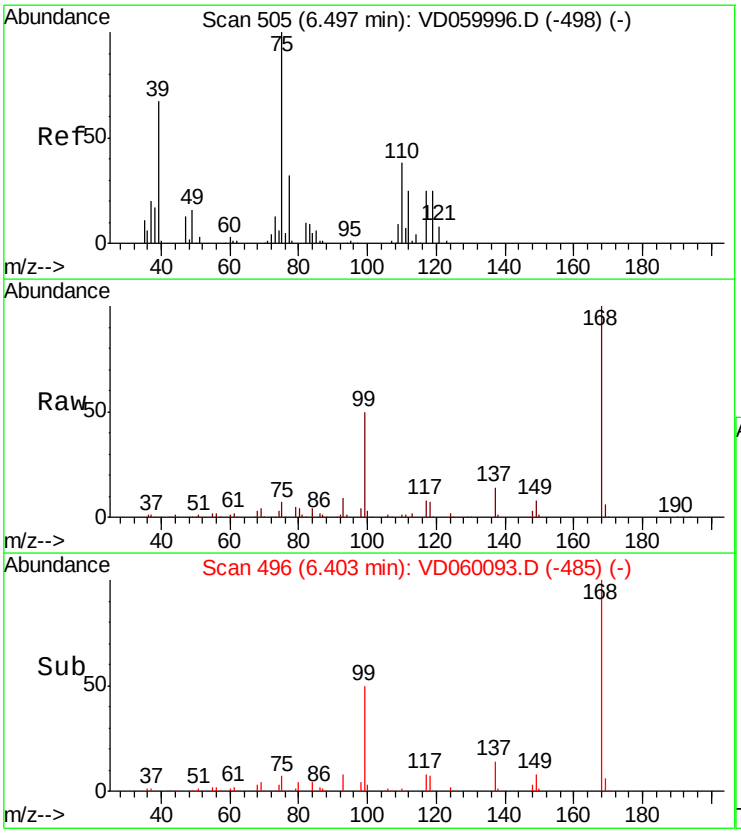
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.32 min Scan# 488
Delta R.T. 0.02 min
Lab File: VD060093.D
Acq: 28 Sep 2018 13:01

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBL01

Tgt Ion:113 Resp: 974885

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.3	121.9
192	22.4	18.1	27.1

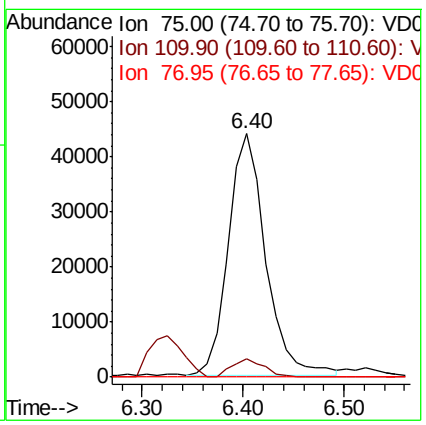


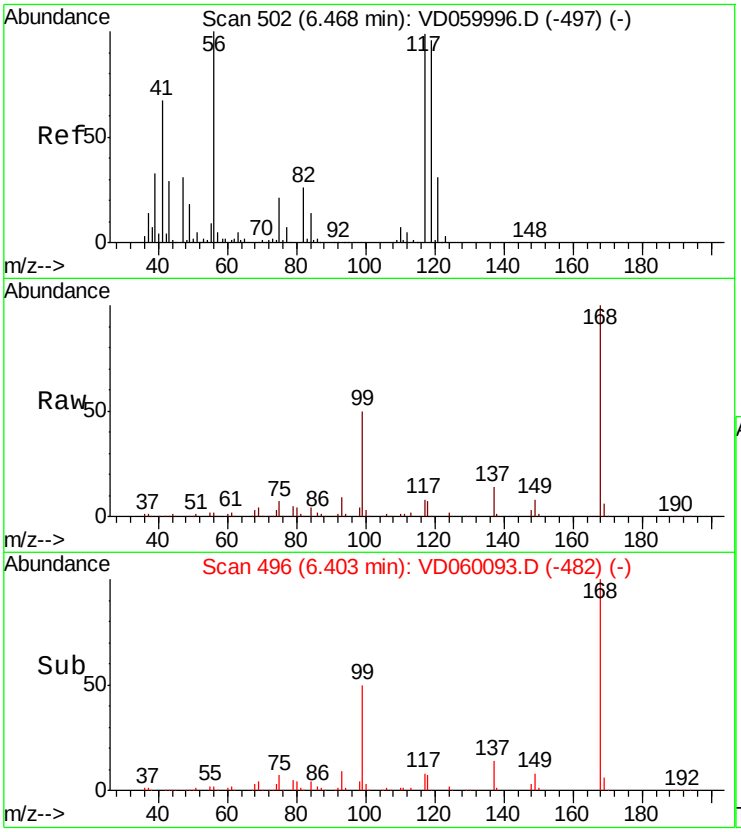


#36
1,1-Dichloropropene
Concen: 4.875 ug/l
RT: 6.40 min Scan# 496
Delta R.T. -0.09 min
Lab File: VD060093.D
Acq: 28 Sep 2018 13:01

Tgt Ion: 75 Resp: 111937

Ion	Ratio	Lower	Upper
75	100		
110	7.8	18.9	56.9#
77	0.0	25.3	37.9#



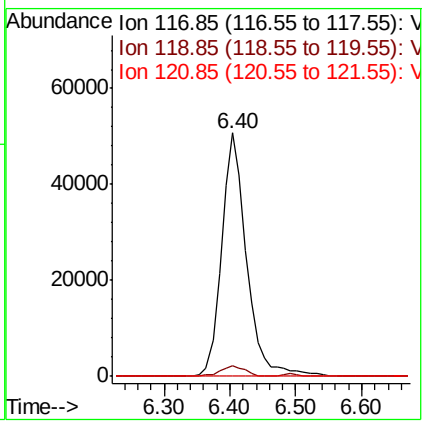


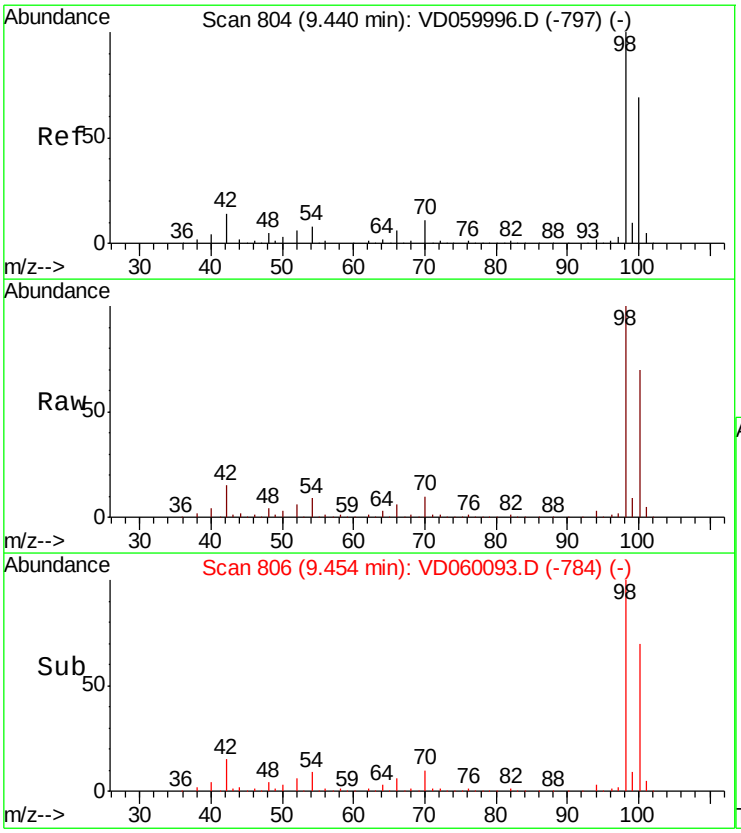
#38
Carbon Tetrachloride
Concen: 6.237 ug/l
RT: 6.40 min Scan# 496
Delta R.T. -0.06 min
Lab File: VD060093.D
Acq: 28 Sep 2018 13:01

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBL01

Tgt Ion:117 Resp: 133680

Ion	Ratio	Lower	Upper
117	100		
119	4.1	76.7	115.1#
121	0.0	24.9	37.3#

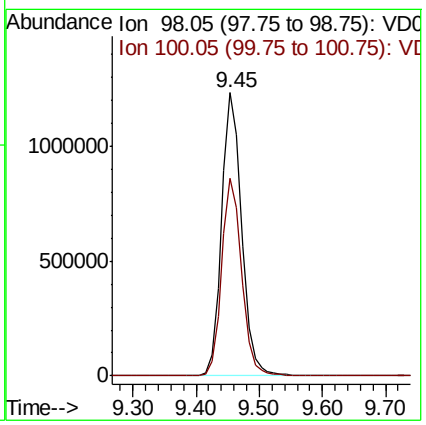


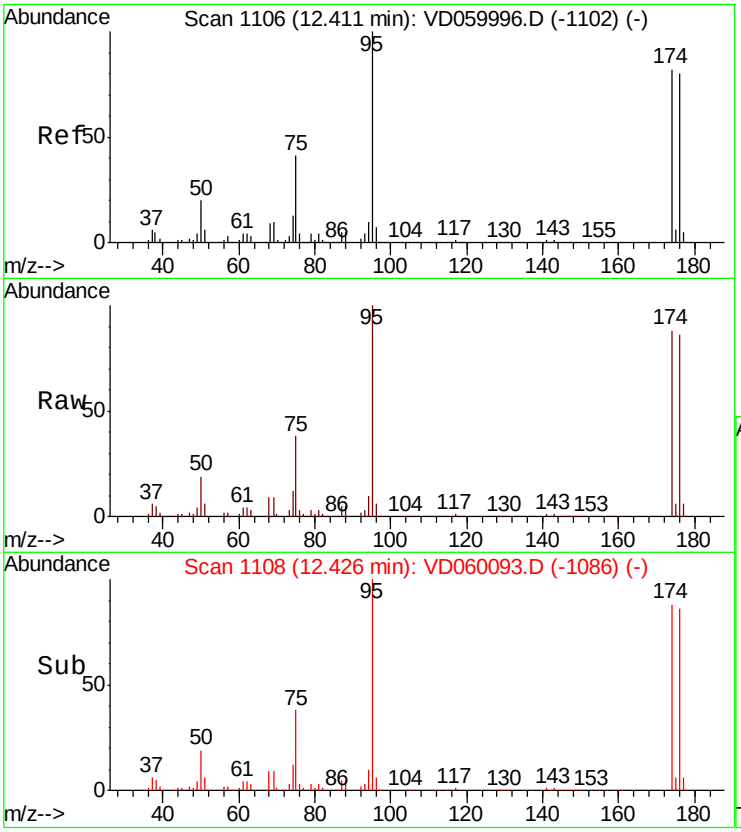


#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. 0.01 min
Lab File: VD060093.D
Acq: 28 Sep 2018 13:01

Tgt Ion: 98 Resp: 2725001

Ion	Ratio	Lower	Upper
98	100		
100	69.7	55.8	83.6



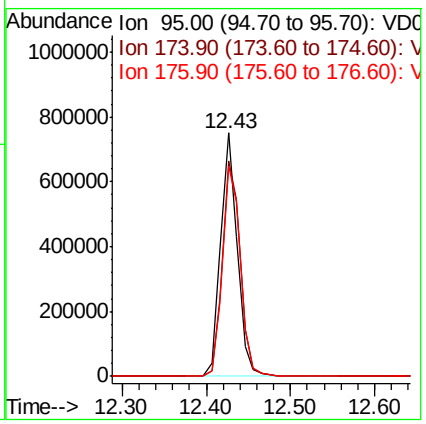


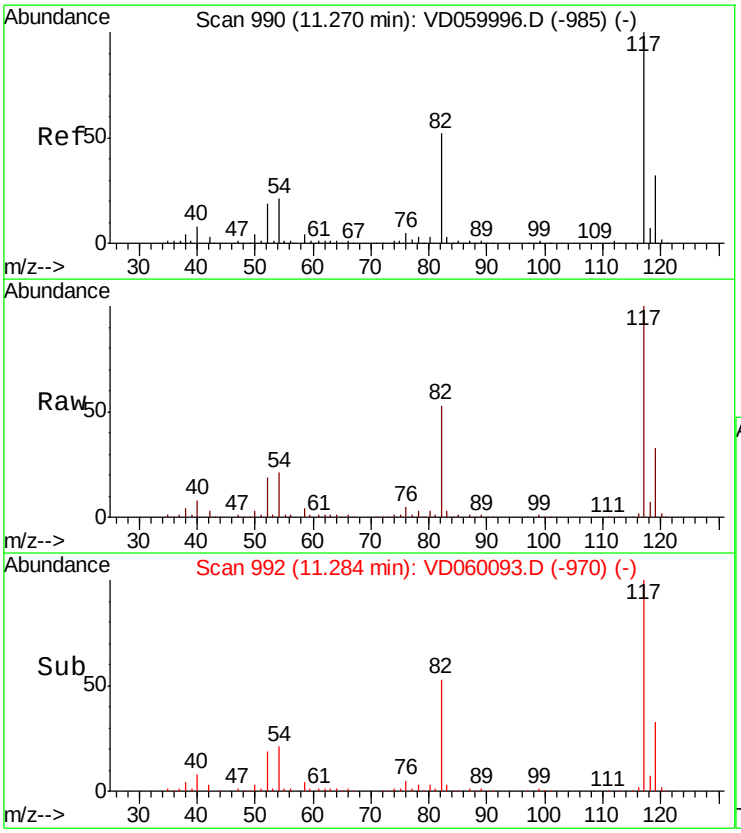
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060093.D
Acq: 28 Sep 2018 13:01

Instrument : MSVOA_D
ClientSampleId : VD0928SBL01

Tgt Ion: 95 Resp: 1030549

Ion	Ratio	Lower	Upper
95	100		
174	88.4	0.0	165.0
176	86.4	0.0	160.2

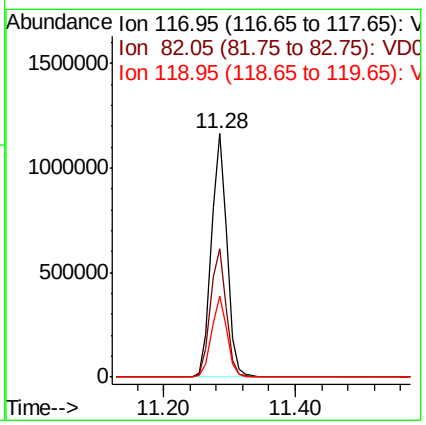


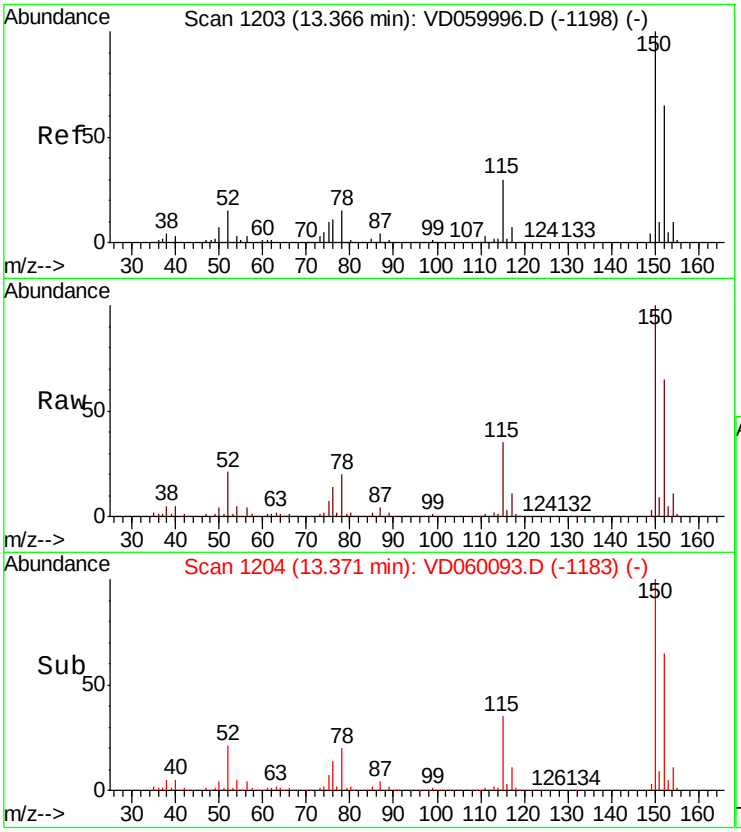


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. 0.01 min
Lab File: VD060093.D
Acq: 28 Sep 2018 13:01

Tgt Ion:117 Resp: 1873065

Ion	Ratio	Lower	Upper
117	100		
82	52.7	41.7	62.5
119	33.4	26.0	39.0



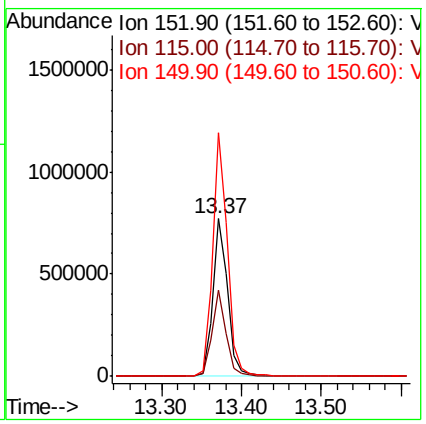


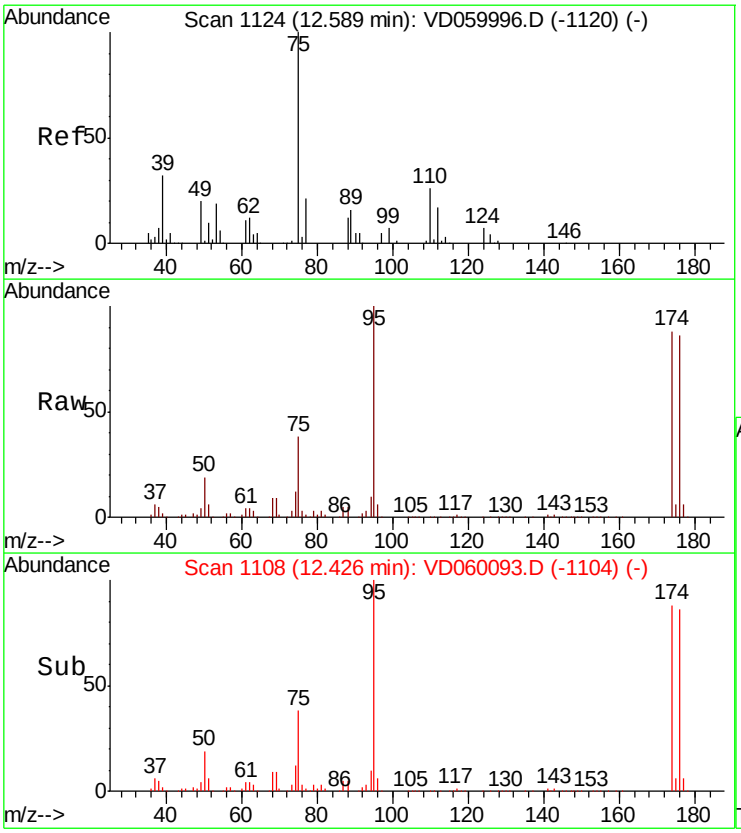
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. 0.00 min
Lab File: VD060093.D
Acq: 28 Sep 2018 13:01

Instrument : MSVOA_D
ClientSampleId : VD0928SBL01

Tgt Ion:152 Resp: 1010345

Ion	Ratio	Lower	Upper
152	100		
115	54.4	24.6	73.8
150	154.5	0.0	313.4

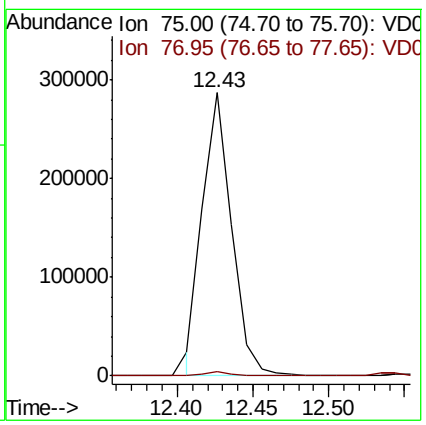


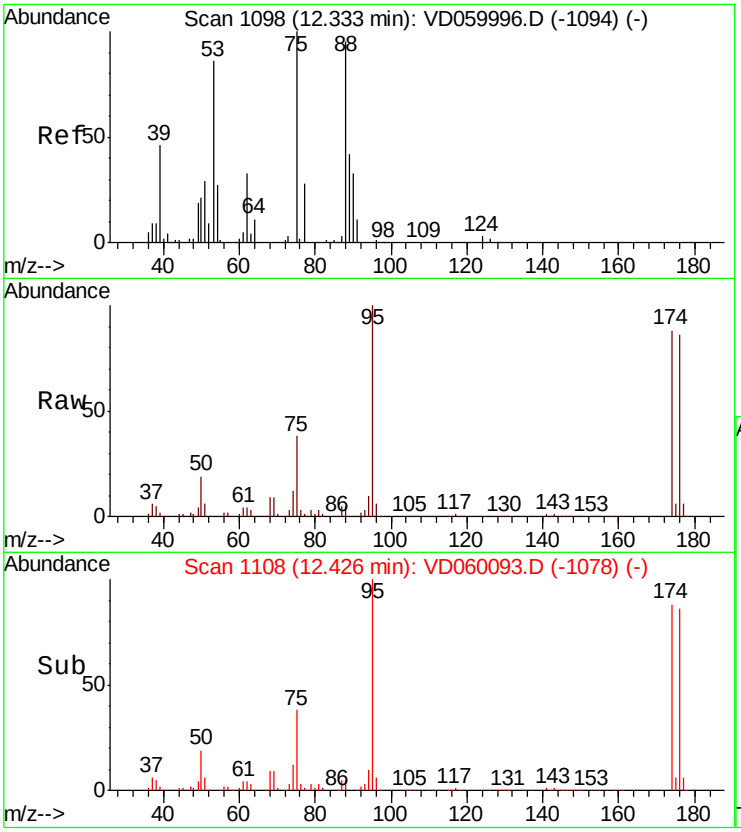


#76
1,2,3-Trichloropropane
Concen: 24.910 ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.16 min
Lab File: VD060093.D
Acq: 28 Sep 2018 13:01

Tgt Ion: 75 Resp: 384375

Ion	Ratio	Lower	Upper
75	100		
77	1.6	16.4	49.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 86.077 ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.09 min
Lab File: VD060093.D
Acq: 28 Sep 2018 13:01

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBL01

Tgt Ion: 75 Resp: 400947

Ion	Ratio	Lower	Upper
75	100		
53	0.0	68.4	102.6#
89	0.0	33.8	50.6#