Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD091418\
Data File : VD060002.D
Acq On : 14 Sep 2018 11:15
Operator : JC/SY
Sample : VD0914SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : BFB

Quant Time: Sep 14 11:49:35 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	6.39	168	1524404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.43	114	2137719	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	1747868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	920627	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	683433	57.49	ug/l	0.00
Spiked Amount 50.000			Recovery =	114.98%		
35) Dibromofluoromethane	6.31	113	902053	54.01	ug/l	0.00
Spiked Amount 50.000			Recovery =	108.02%		
50) Toluene-d8	9.44	98	2501079	54.04	ug/l	0.00
Spiked Amount 50.000			Recovery =	108.08%		
62) 4-Bromofluorobenzene	12.42	95	945077	53.45	ug/l	0.00
Spiked Amount 50.000			Recovery =	106.90%		
Target Compounds						Qvalue
13) Acrolein	2.96	56	1280	2.15	ug/l #	13
16) Acetone	3.14	43	18573	8.09	ug/l	96
20) Methylene Chloride	3.70	84	89082	Below Cal		98
25) 2-Butanone	5.62	43	14490	2.34	ug/l #	91
29) Tetrahydrofuran	5.94	42	3815	1.15	ug/l #	82
31) Cyclohexane	6.39	56	31518	1.19	ug/l #	1
38) Carbon Tetrachloride	6.39	117	122799	6.19	ug/l #	16
51) 4-Methyl-2-Pentanone	9.33	43	5115	Below Cal		96
59) 2-Hexanone	10.48	43	2523	Below Cal		99
81) trans-1,4-Dichloro-2-buten	12.42	75	376691	88.75	ug/l #	15
89) n-Butylbenzene	13.64	91	5989	Below Cal		87
91) 1,2-Dichlorobenzene	13.65	146	4862	Below Cal		93

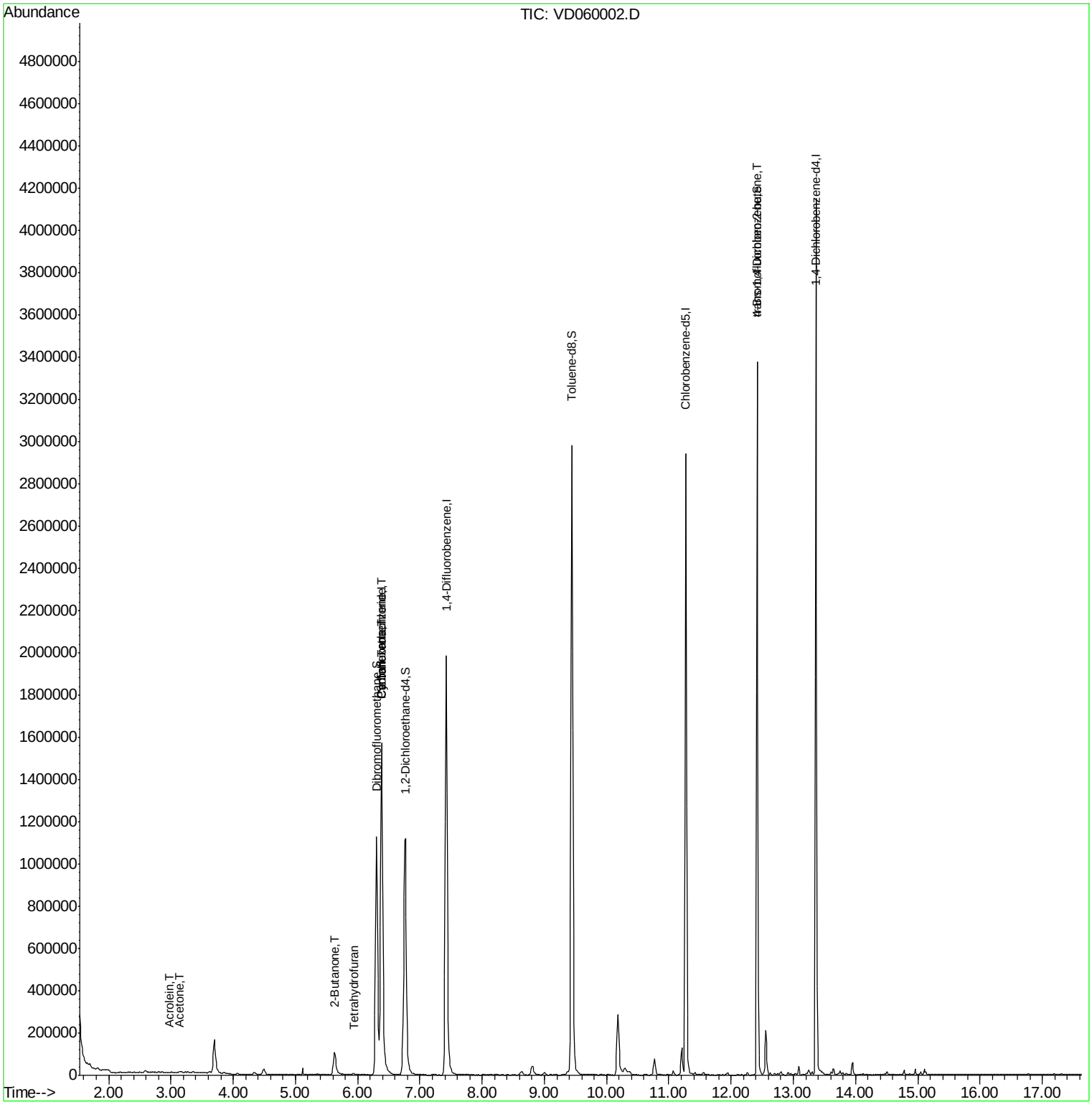
(#) = qualifier out of range (m) = manual integration (+) = signals summed

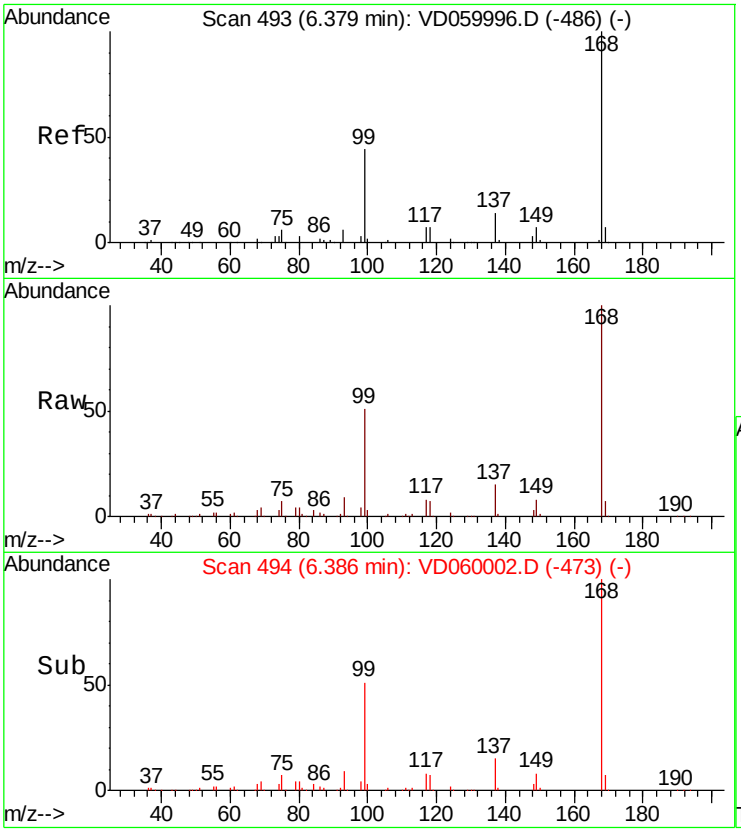
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091418\
Data File : VD060002.D
Acq On : 14 Sep 2018 11:15
Operator : JC/SY
Sample : VD0914SBL01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BFB

Quant Time: Sep 14 11:49:35 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



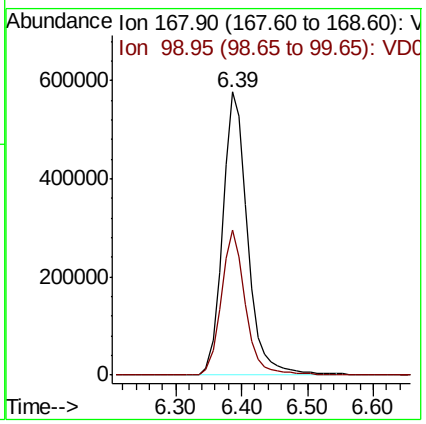


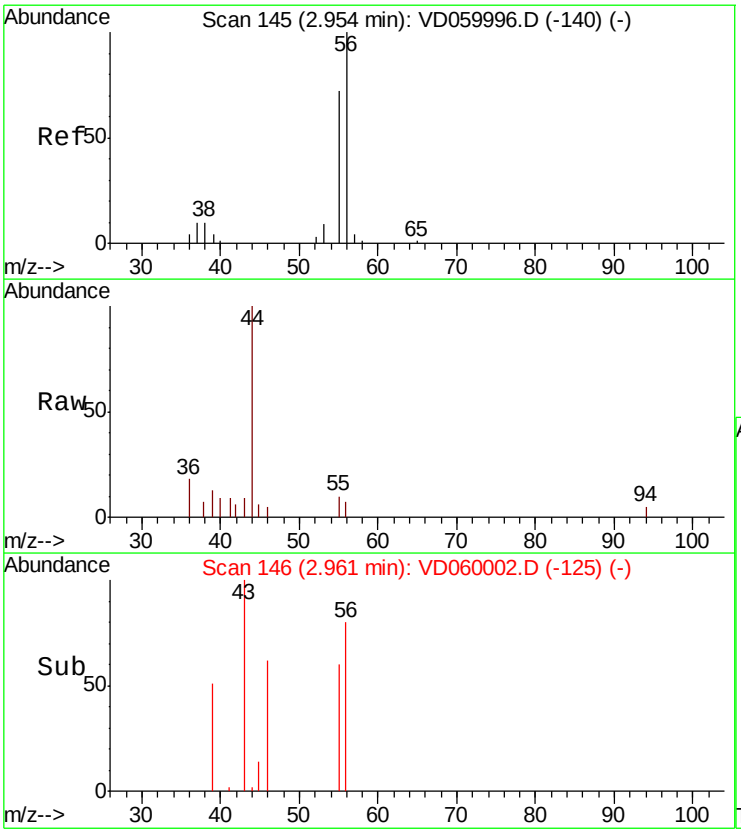
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 6.39 min Scan# 494
Delta R.T. 0.01 min
Lab File: VD060002.D
Acq: 14 Sep 2018 11:15

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tgt Ion:168 Resp: 1524404

Ion	Ratio	Lower	Upper
168	100		
99	51.1	38.5	57.7

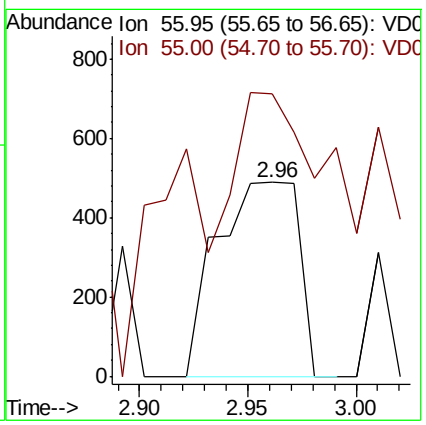


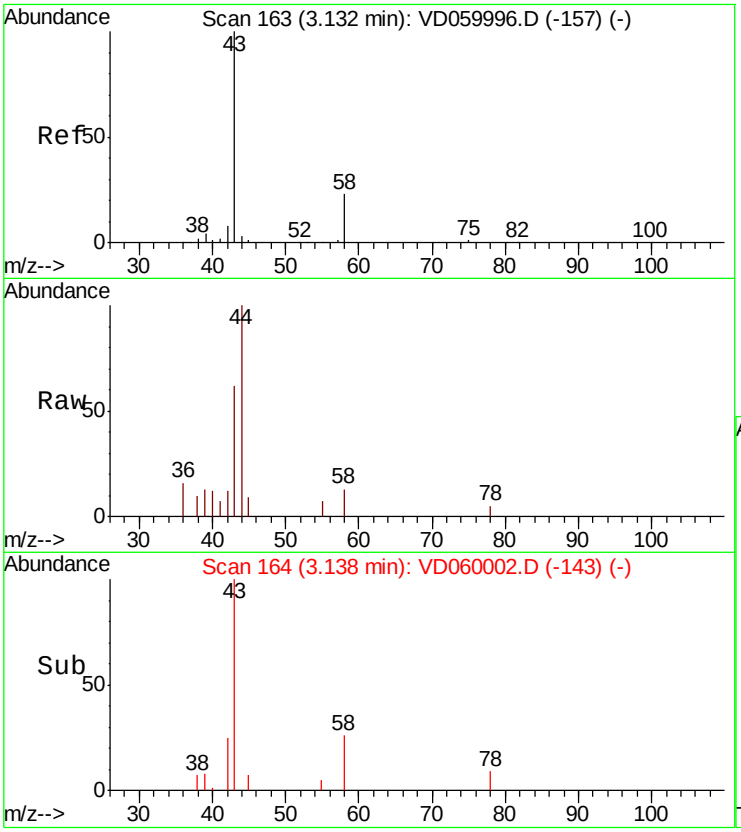


#13
Acrolein
Concen: 2.15 ug/l
RT: 2.96 min Scan# 146
Delta R.T. 0.01 min
Lab File: VD060002.D
Acq: 14 Sep 2018 11:15

Tgt Ion: 56 Resp: 1280

Ion	Ratio	Lower	Upper
56	100		
55	145.8	58.3	87.5#



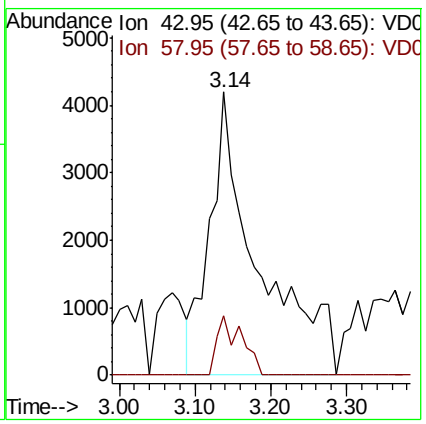


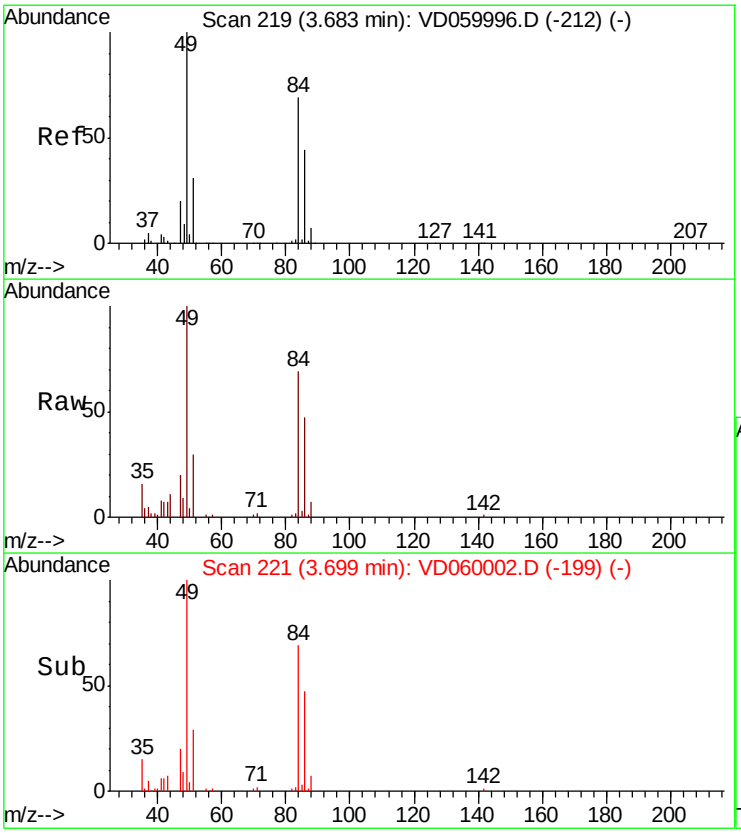
#16
Acetone
Concen: 8.09 ug/l
RT: 3.14 min Scan# 164
Delta R.T. 0.01 min
Lab File: VD060002.D
Acq: 14 Sep 2018 11:15

Instrument : MSVOA_D
ClientSampleId : BFB

Tgt Ion: 43 Resp: 18573

Ion	Ratio	Lower	Upper
43	100		
58	20.8	18.1	27.1

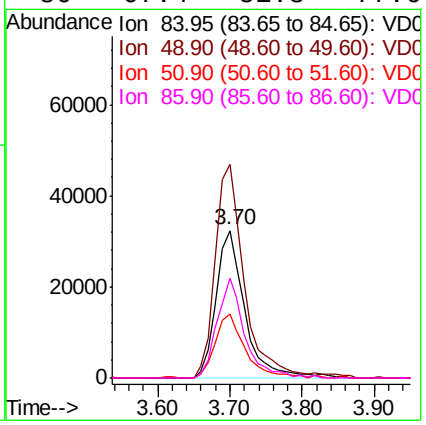


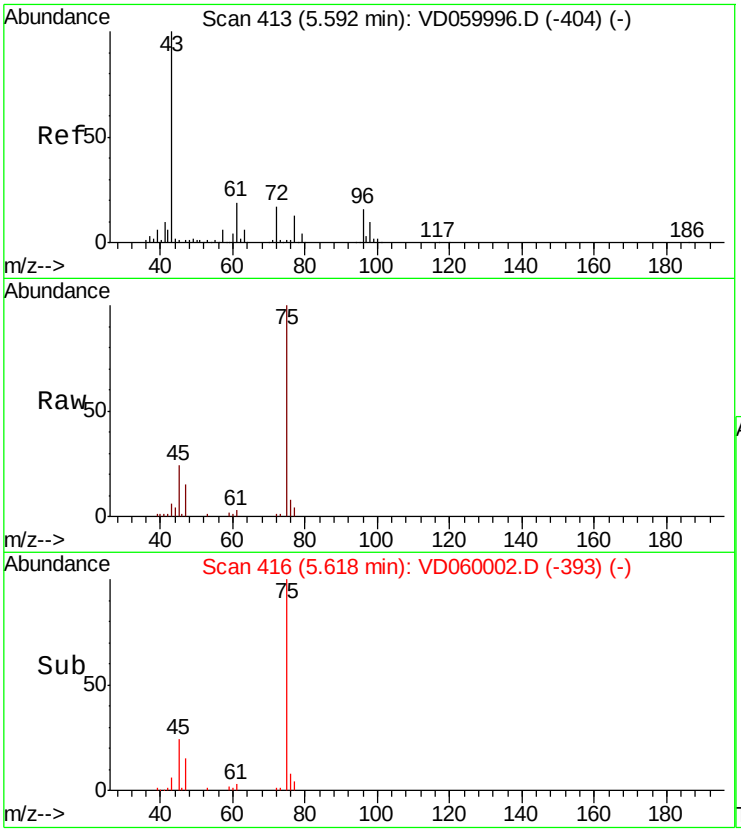


#20
Methylene Chloride
Concen: Below Cal
RT: 3.70 min Scan# 221
Delta R.T. 0.02 min
Lab File: VD060002.D
Acq: 14 Sep 2018 11:15

Tgt Ion: 84 Resp: 89082

Ion	Ratio	Lower	Upper
84	100		
49	144.6	116.6	175.0
51	43.6	35.9	53.9
86	67.4	51.8	77.6



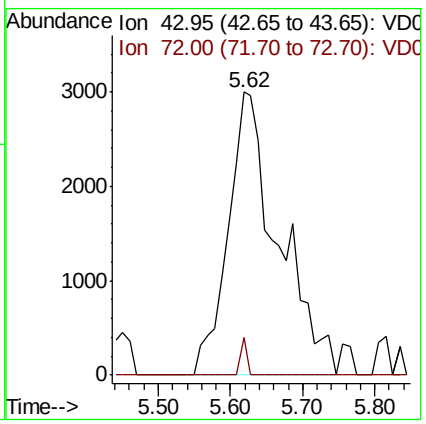


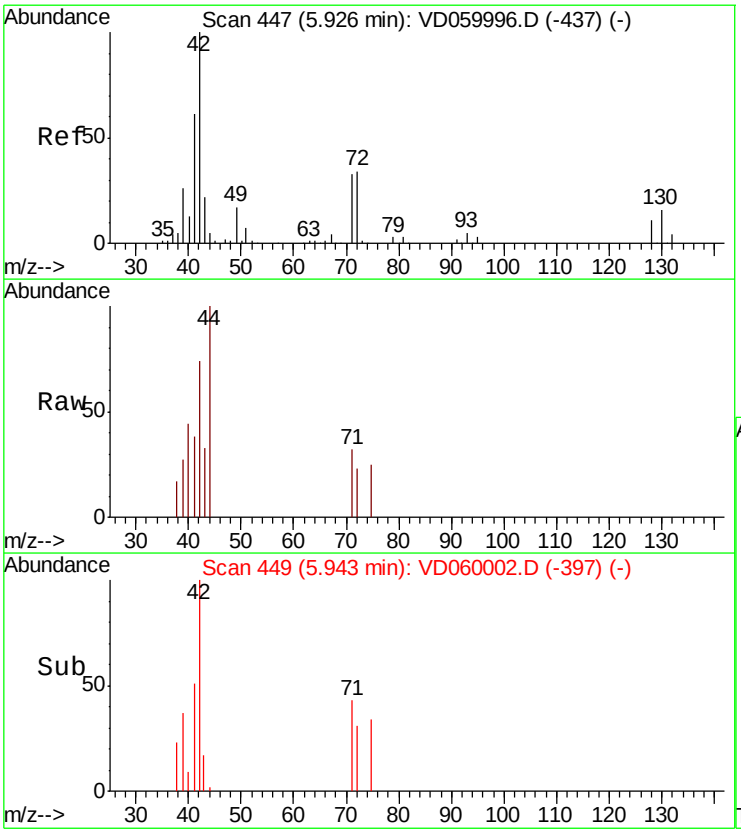
#25
2-Butanone
Concen: 2.34 ug/l
RT: 5.62 min Scan# 416
Delta R.T. 0.03 min
Lab File: VD060002.D
Acq: 14 Sep 2018 11:15

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 14490

Ion	Ratio	Lower	Upper
43	100		
72	13.1	13.6	20.4#

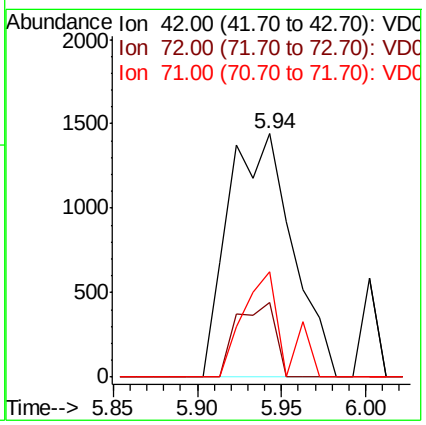


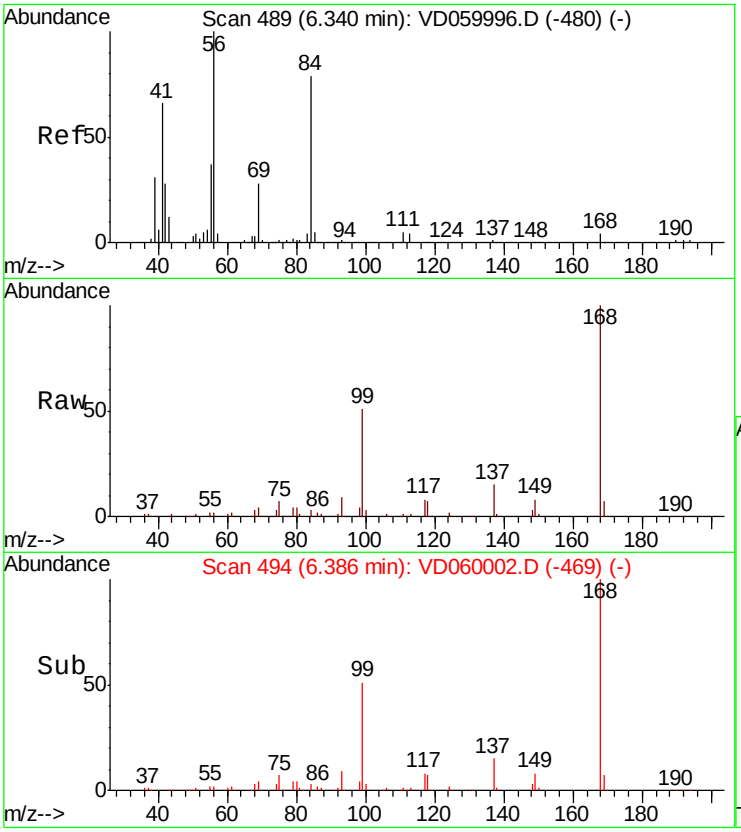


#29
Tetrahydrofuran
Concen: 1.15 ug/l
RT: 5.94 min Scan# 449
Delta R.T. 0.02 min
Lab File: VD060002.D
Acq: 14 Sep 2018 11:15

Tgt Ion: 42 Resp: 3815

Ion	Ratio	Lower	Upper
42	100		
72	18.3	26.9	40.3#
71	27.3	26.2	39.4



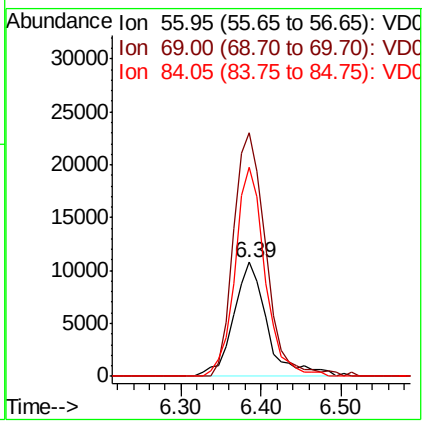


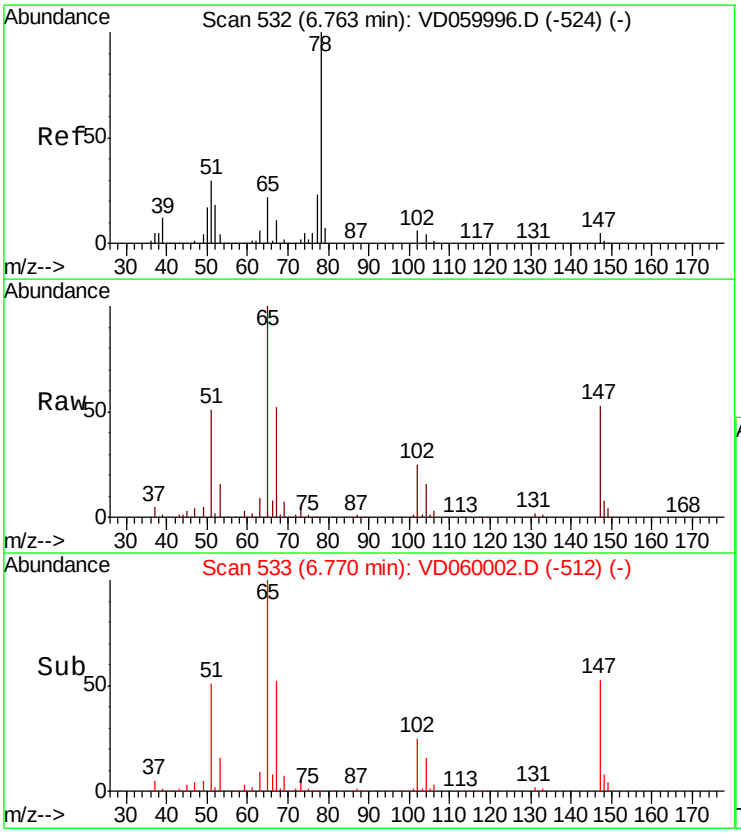
#31
Cyclohexane
Concen: 1.19 ug/l
RT: 6.39 min Scan# 494
Delta R.T. 0.05 min
Lab File: VD060002.D
Acq: 14 Sep 2018 11:15

Instrument : MSVOA_D
ClientSampleId : BFB

Tgt Ion: 56 Resp: 31518

Ion	Ratio	Lower	Upper
56	100		
69	213.1	22.7	34.1#
84	182.7	64.0	96.0#

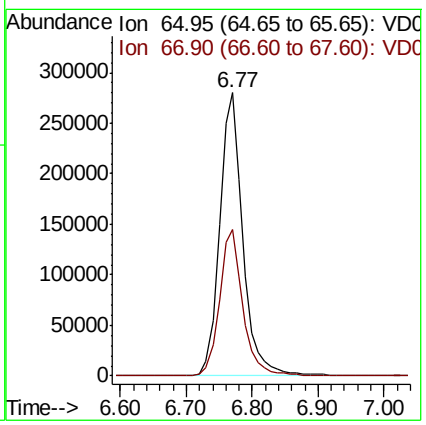


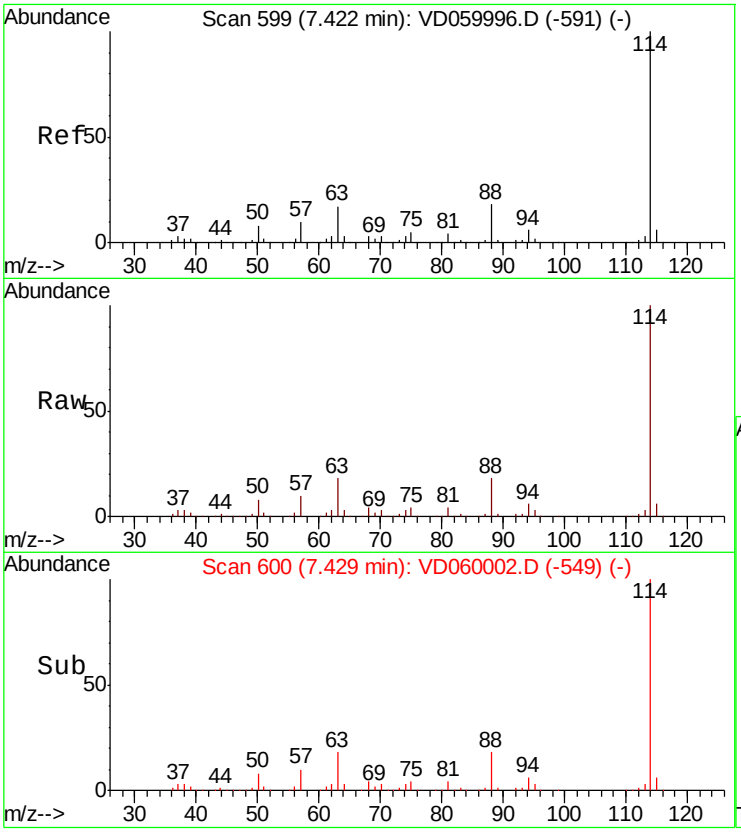


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.77 min Scan# 533
Delta R.T. 0.01 min
Lab File: VD060002.D
Acq: 14 Sep 2018 11:15

Tgt Ion: 65 Resp: 683433

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.8



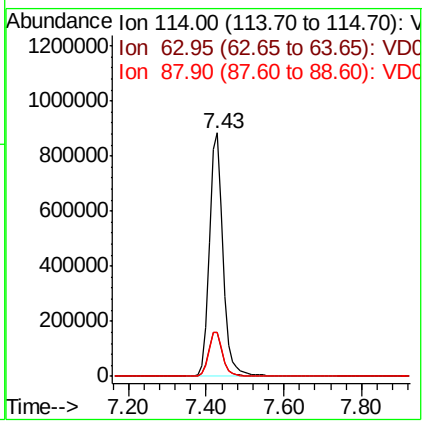


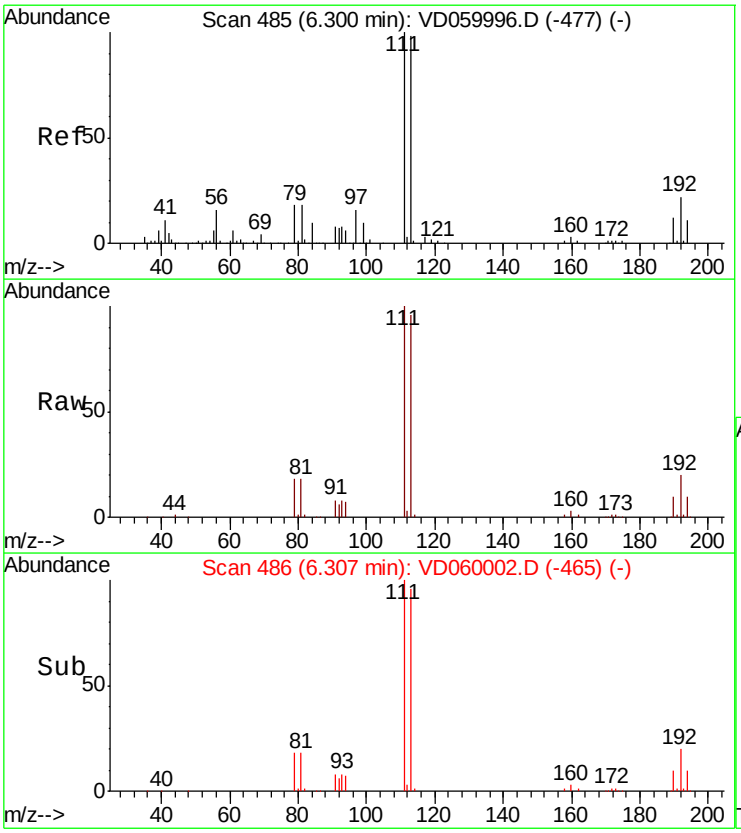
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 7.43 min Scan# 600
Delta R.T. 0.01 min
Lab File: VD060002.D
Acq: 14 Sep 2018 11:15

Instrument : MSVOA_D
ClientSampleId : BFB

Tgt Ion:114 Resp: 2137719

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	34.4
88	18.2	0.0	35.8

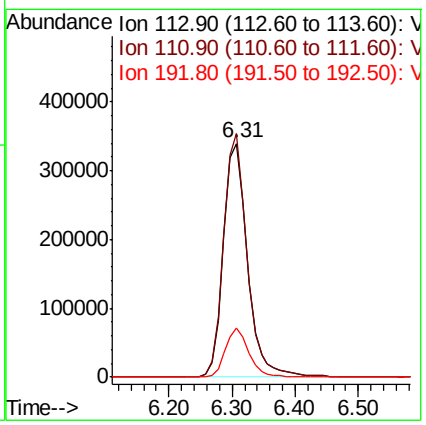


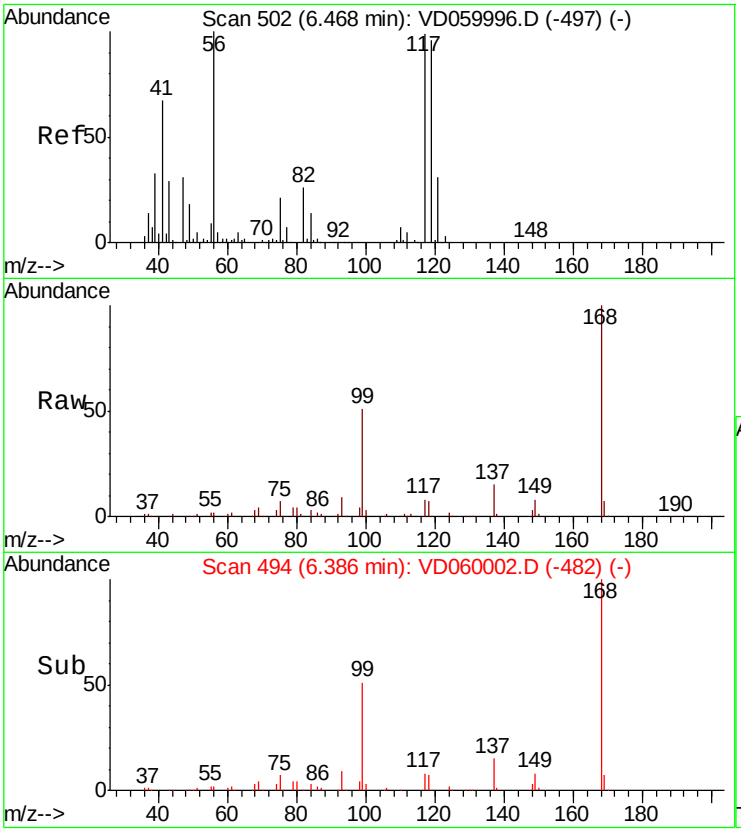


#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 6.31 min Scan# 486
Delta R.T. 0.01 min
Lab File: VD060002.D
Acq: 14 Sep 2018 11:15

Tgt Ion:113 Resp: 902053

Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.3	121.9
192	21.2	18.1	27.1



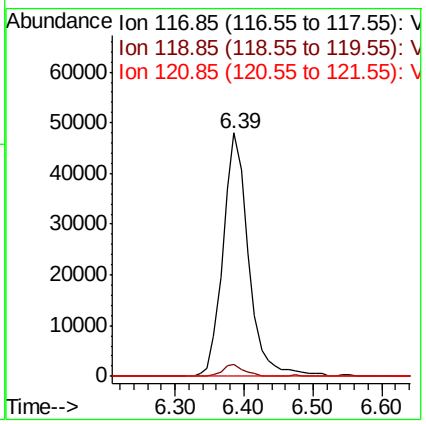


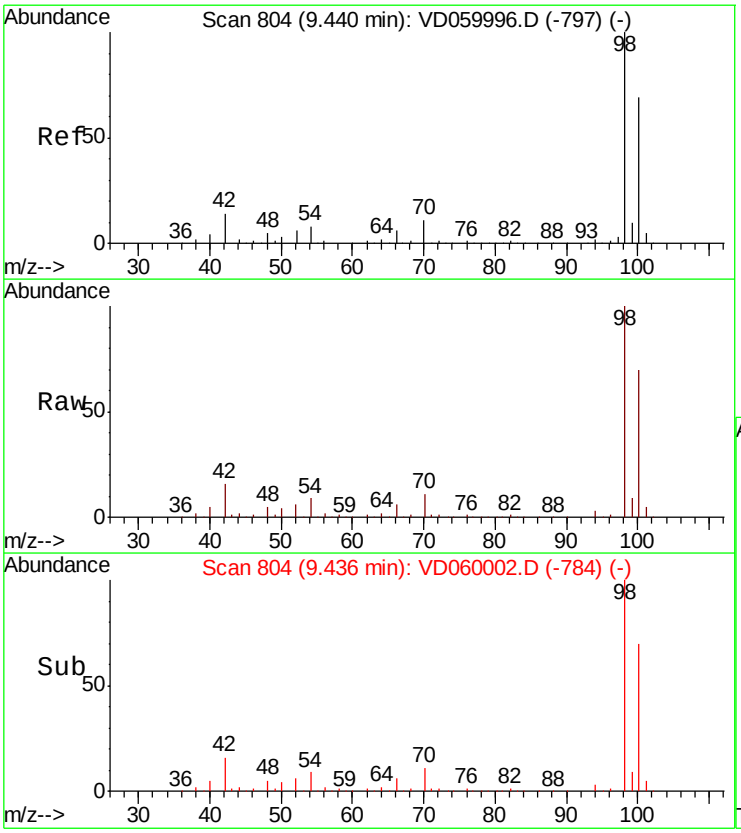
#38
Carbon Tetrachloride
Concen: 6.19 ug/l
RT: 6.39 min Scan# 494
Delta R.T. -0.08 min
Lab File: VD060002.D
Acq: 14 Sep 2018 11:15

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tgt Ion:117 Resp: 122799

Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.7	115.1#
121	0.0	24.9	37.3#

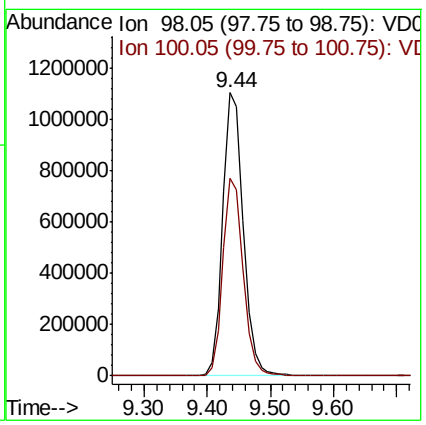


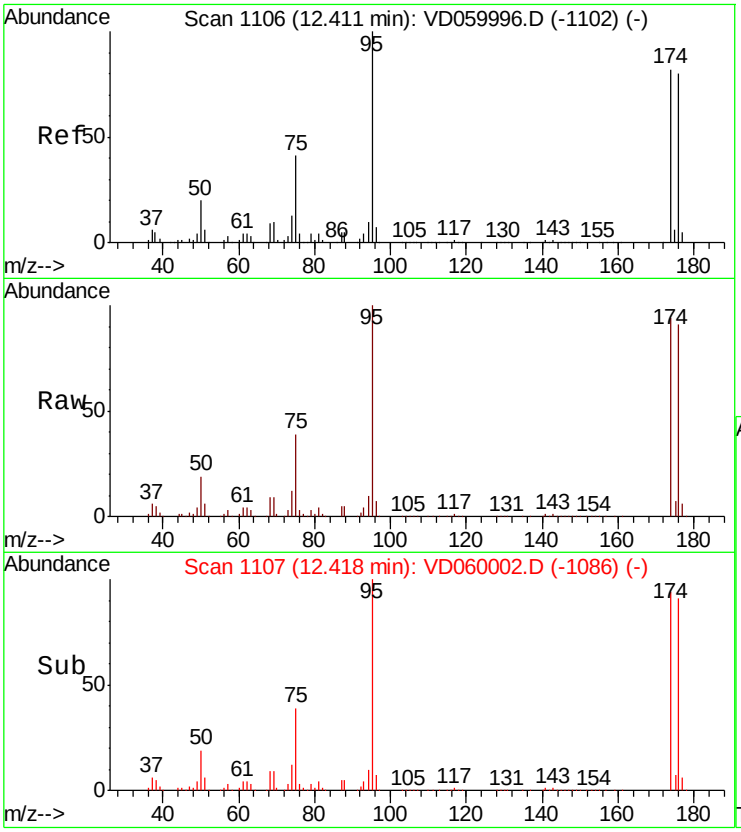


#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 804
Delta R.T. -0.00 min
Lab File: VD060002.D
Acq: 14 Sep 2018 11:15

Tgt Ion: 98 Resp: 2501079

Ion	Ratio	Lower	Upper
98	100		
100	69.8	55.8	83.6



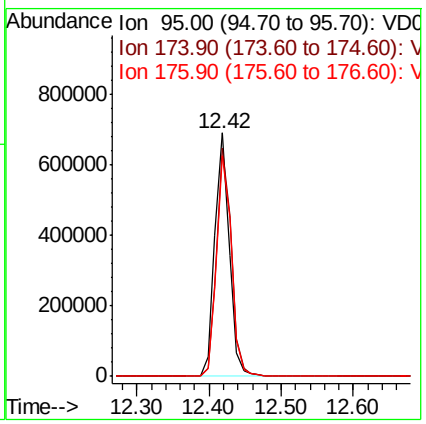


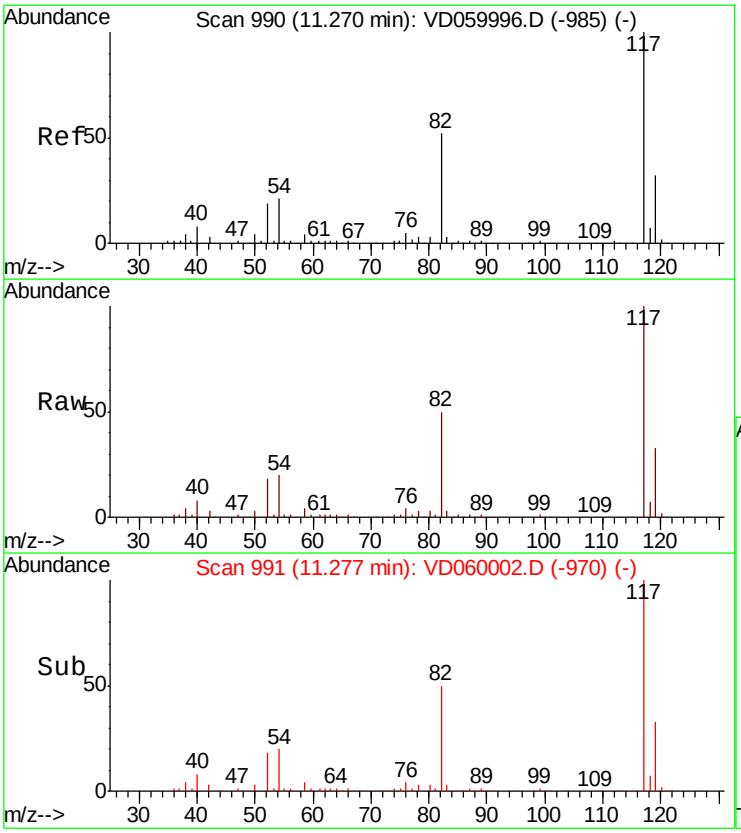
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD060002.D
Acq: 14 Sep 2018 11:15

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tgt Ion: 95 Resp: 945077

Ion	Ratio	Lower	Upper
95	100		
174	93.5	0.0	165.0
176	90.8	0.0	160.2

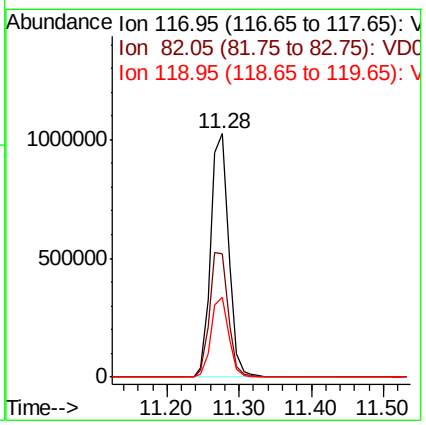


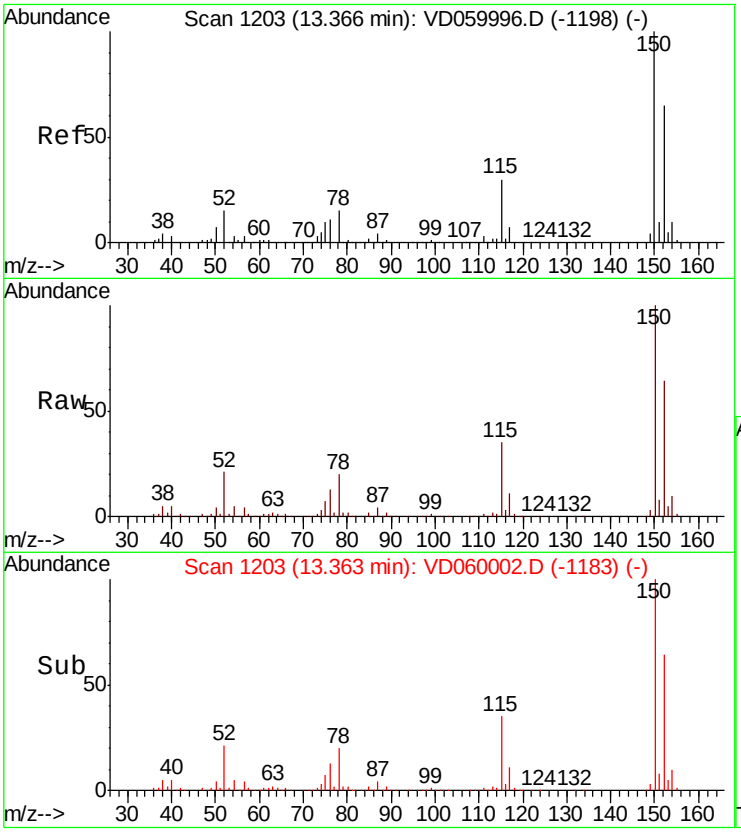


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.28 min Scan# 991
Delta R.T. 0.01 min
Lab File: VD060002.D
Acq: 14 Sep 2018 11:15

Tgt Ion:117 Resp: 1747868

Ion	Ratio	Lower	Upper
117	100		
82	50.5	41.7	62.5
119	32.7	26.0	39.0



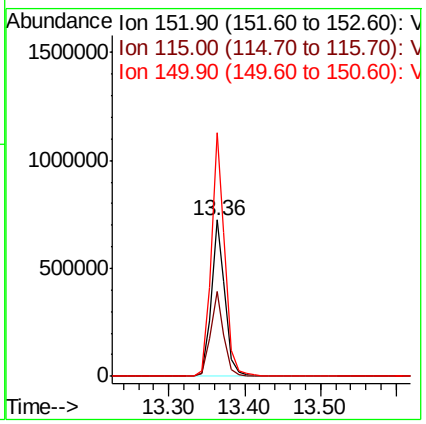


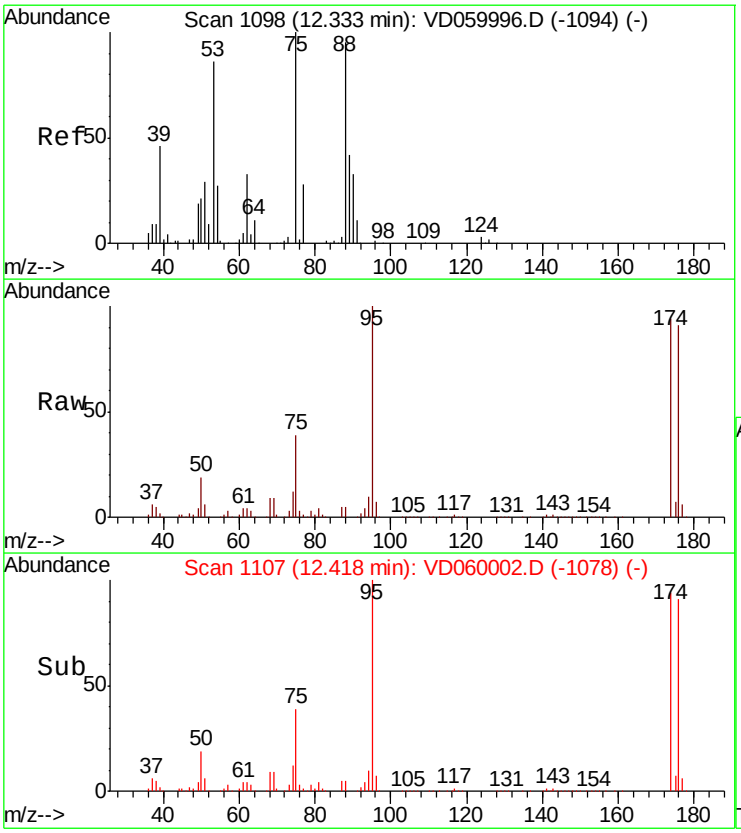
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.00 min
Lab File: VD060002.D
Acq: 14 Sep 2018 11:15

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tgt Ion:152 Resp: 920627

Ion	Ratio	Lower	Upper
152	100		
115	54.0	24.6	73.8
150	155.7	0.0	313.4





#81
trans-1,4-Dichloro-2-butene
Concen: 88.75 ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.09 min
Lab File: VD060002.D
Acq: 14 Sep 2018 11:15

Tgt Ion: 75 Resp: 376691

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