Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111418\
Data File : VD060386.D
Acq On : 14 Nov 2018 18:34
Operator : JC/SY
Sample : J5918-08
Misc : 5.06g/5ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : FDSB-11(20.5-22.5)

Quant Time: Nov 15 05:43:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	1692143	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	7.41	114	2317099	50.00	ug/l	-0.05
63) Chlorobenzene-d5	11.26	117	1786138	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	13.36	152	915091	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.75	65	417403	34.45	ug/l	-0.05
Spiked Amount 50.000			Recovery = 68.90%			
35) Dibromofluoromethane	6.29	113	592101	34.27	ug/l	-0.05
Spiked Amount 50.000			Recovery = 68.54%			
50) Toluene-d8	9.43	98	1723911	34.09	ug/l	-0.04
Spiked Amount 50.000			Recovery = 68.18%			
62) 4-Bromofluorobenzene	12.41	95	639031	34.87	ug/l	-0.03
Spiked Amount 50.000			Recovery = 69.74%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.58	85	1919	Below Cal	#	41
11) Tert butyl alcohol	3.93	59	1791	3.600	ug/l #	70
16) Acetone	3.14	43	13542	6.444	ug/l #	88
20) Methylene Chloride	3.69	84	90536	4.856	ug/l	98
25) 2-Butanone	5.60	43	8527	1.952	ug/l #	60
30) Chloroform	6.07	83	97557	3.224	ug/l	96
31) Cyclohexane	6.37	56	32190	1.113	ug/l #	1
36) 1,1-Dichloropropene	6.37	75	116476	5.088	ug/l #	46
38) Carbon Tetrachloride	6.37	117	130784	6.159	ug/l #	15
59) 2-Hexanone	10.41	43	15864	2.584	ug/l #	31
74) N-amyl acetate	12.18	43	22740	1.330	ug/l #	52
81) trans-1,4-Dichloro-2-buten	12.40	75	251464	80.688	ug/l #	15
89) n-Butylbenzene	13.63	91	15584	Below Cal		87

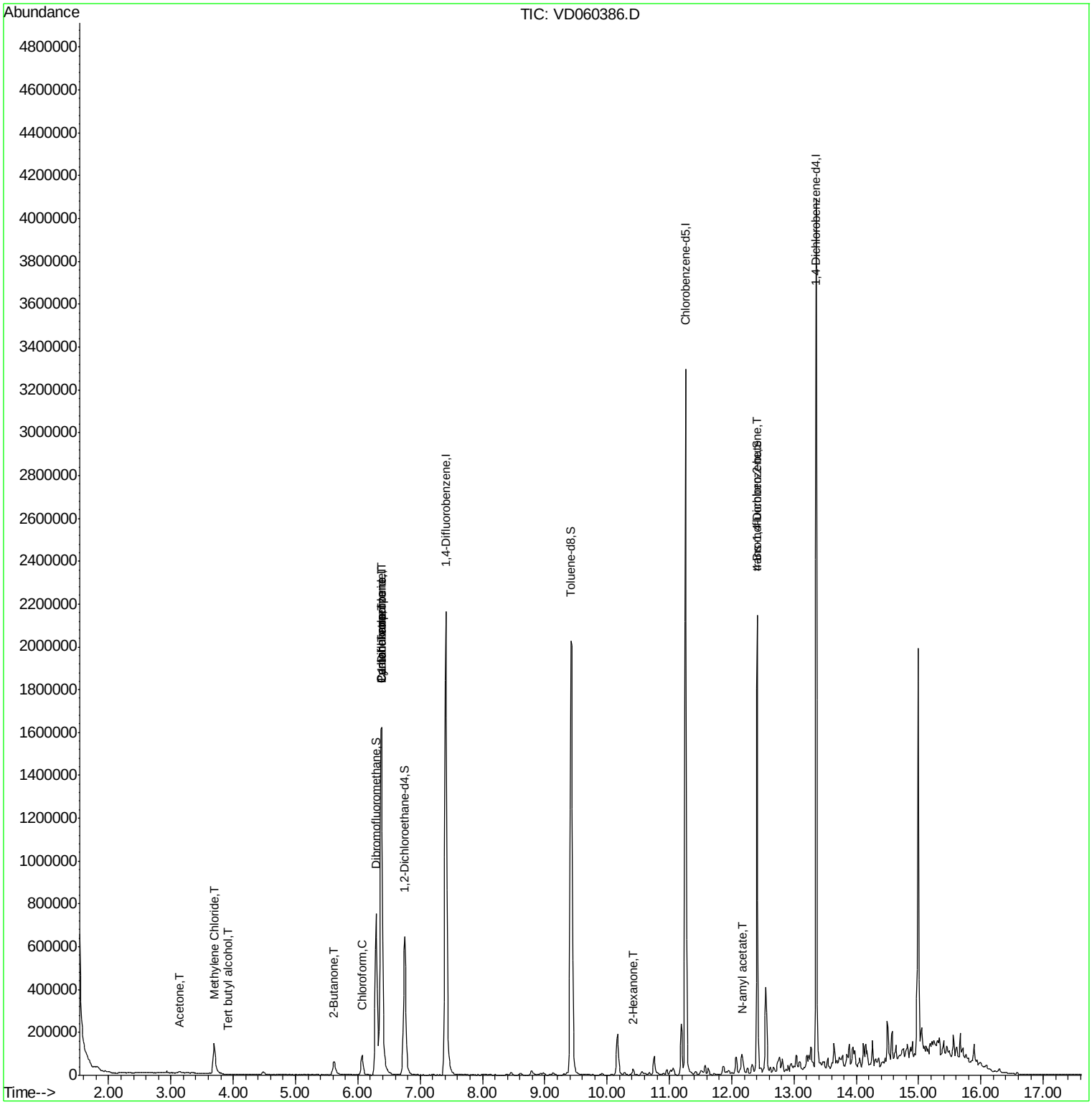
(#) = qualifier out of range (m) = manual integration (+) = signals summed

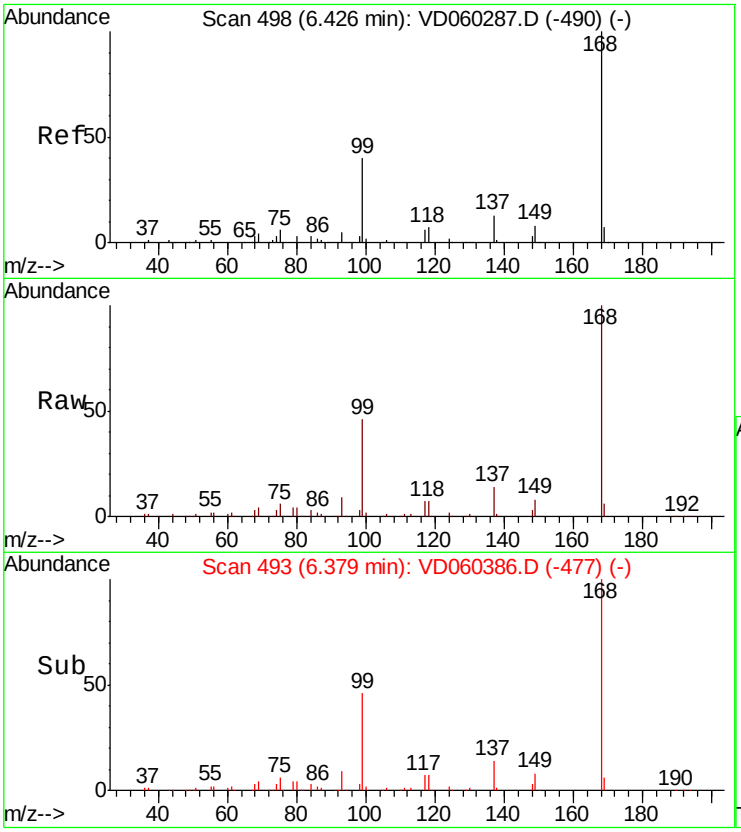
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111418\
Data File : VD060386.D
Acq On : 14 Nov 2018 18:34
Operator : JC/SY
Sample : J5918-08
Misc : 5.06g/5ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FDSB-11(20.5-22.5)

Quant Time: Nov 15 05:43:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration



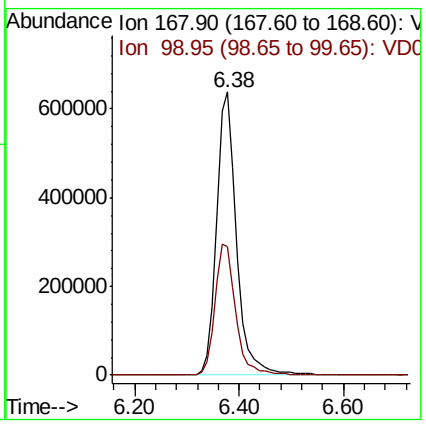


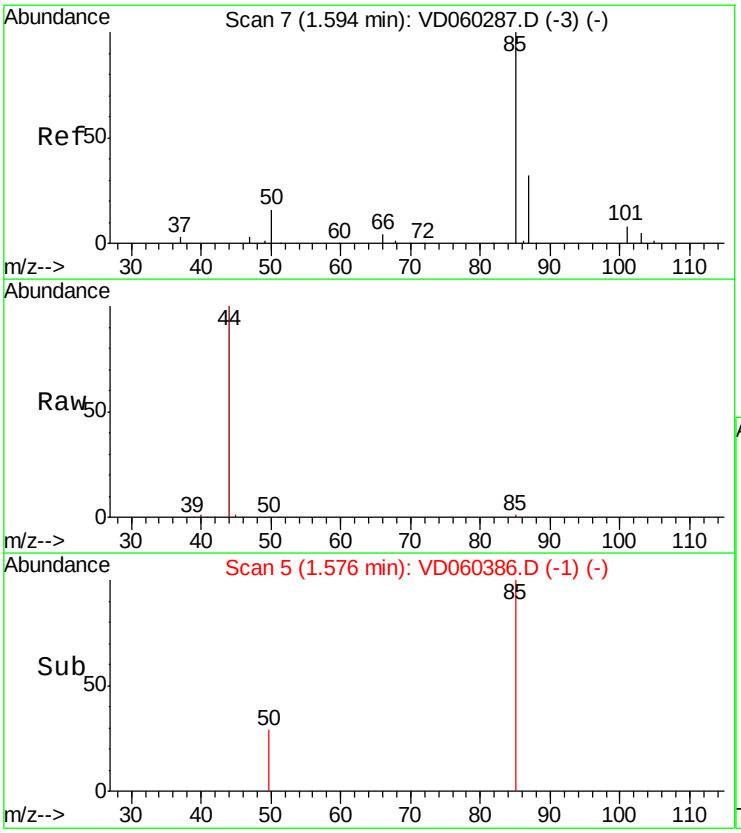
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.38 min Scan# 493
Delta R.T. -0.05 min
Lab File: VD060386.D
Acq: 14 Nov 2018 18:34

Instrument :
MSVOA_D
ClientSampleId :
FDSB-11(20.5-22.5)

Tgt Ion:168 Resp: 1692143

Ion	Ratio	Lower	Upper
168	100		
99	45.6	39.8	59.8

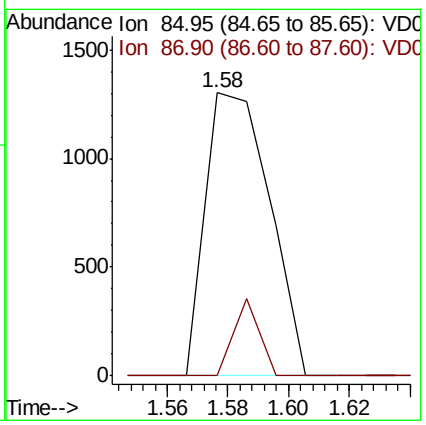


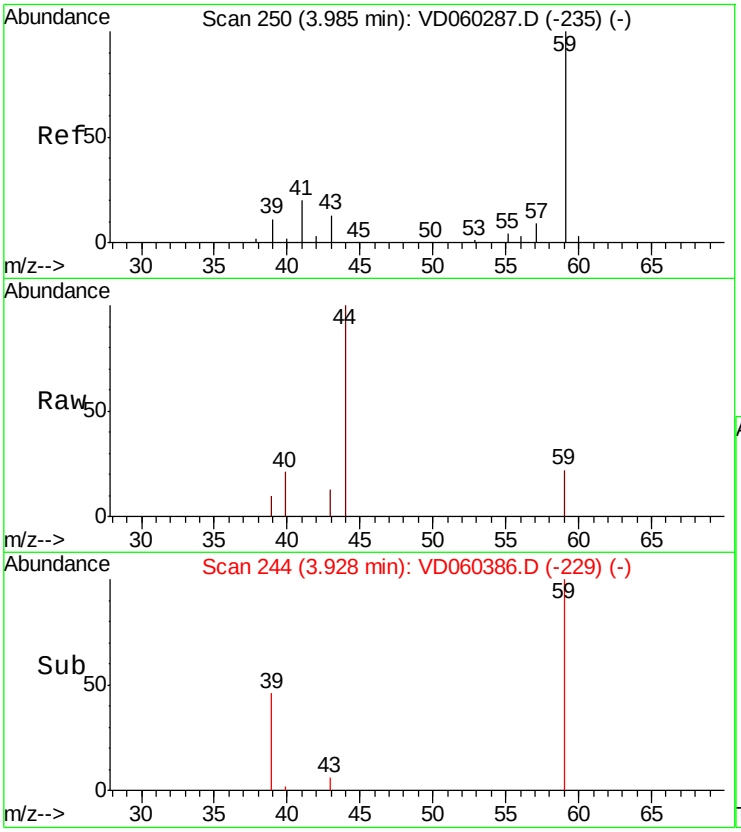


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.58 min Scan# 5
Delta R.T. -0.02 min
Lab File: VD060386.D
Acq: 14 Nov 2018 18:34

Tgt Ion: 85 Resp: 1919

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.8	50.4#



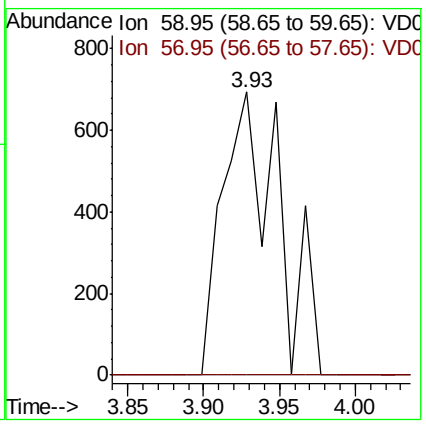


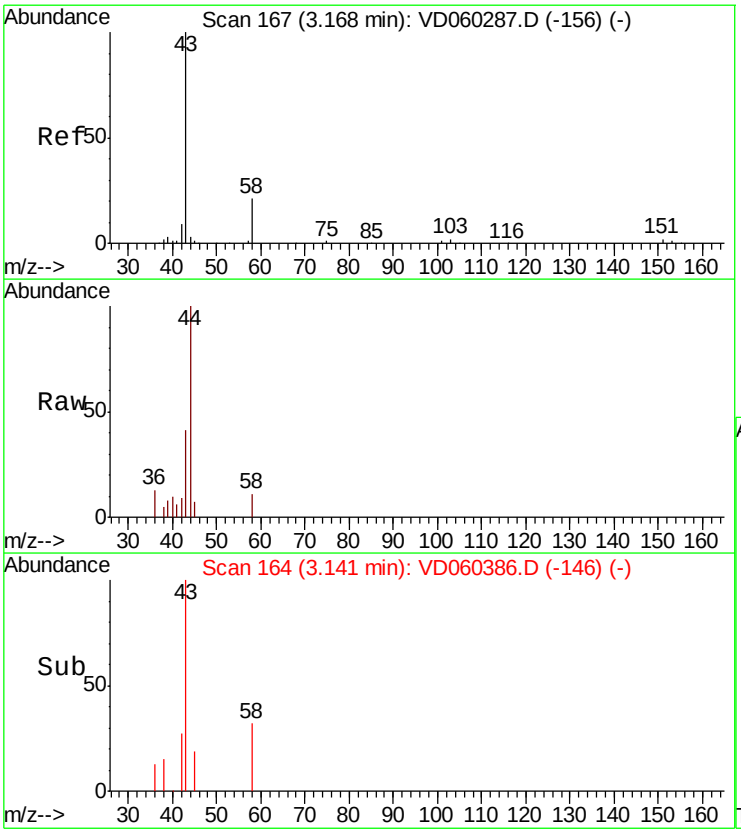
#11
Tert butyl alcohol
Concen: 3.600 ug/l
RT: 3.93 min Scan# 244
Delta R.T. -0.06 min
Lab File: VD060386.D
Acq: 14 Nov 2018 18:34

Instrument : MSVOA_D
ClientSampleId : FDSB-11(20.5-22.5)

Tgt Ion: 59 Resp: 1791

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.3	13.9#

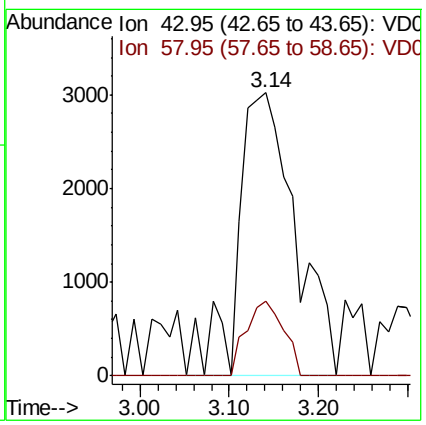


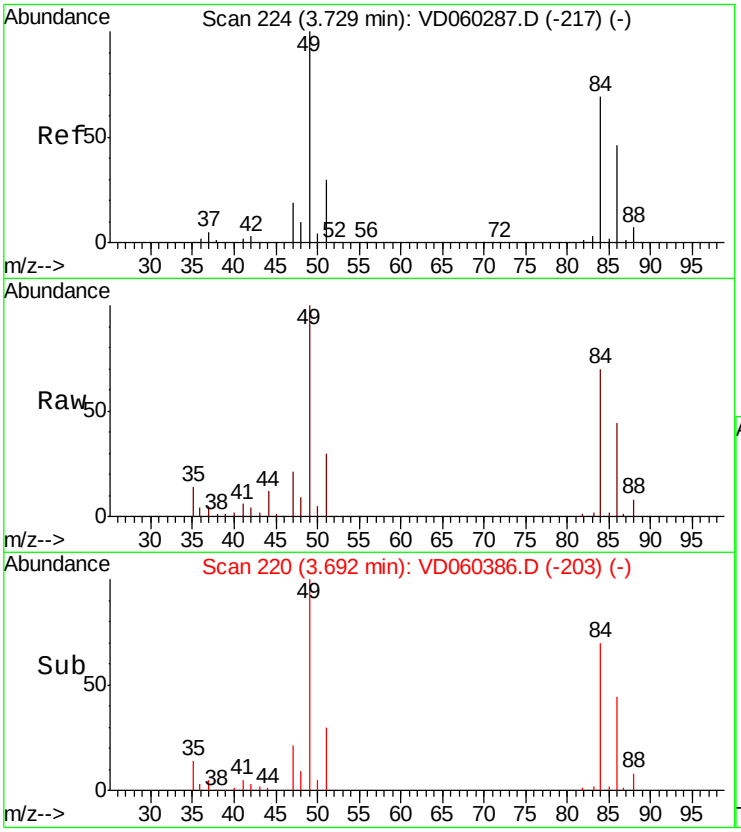


#16
Acetone
Concen: 6.444 ug/l
RT: 3.14 min Scan# 164
Delta R.T. -0.03 min
Lab File: VD060386.D
Acq: 14 Nov 2018 18:34

Tgt Ion: 43 Resp: 13542

Ion	Ratio	Lower	Upper
43	100		
58	26.5	16.9	25.3#



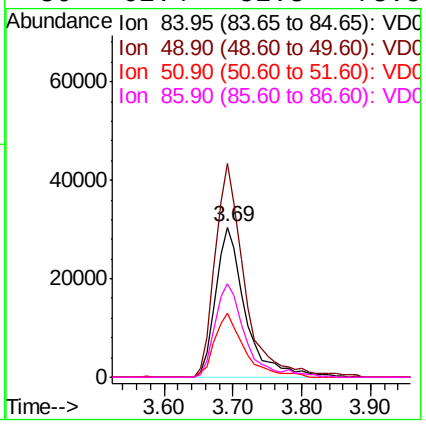


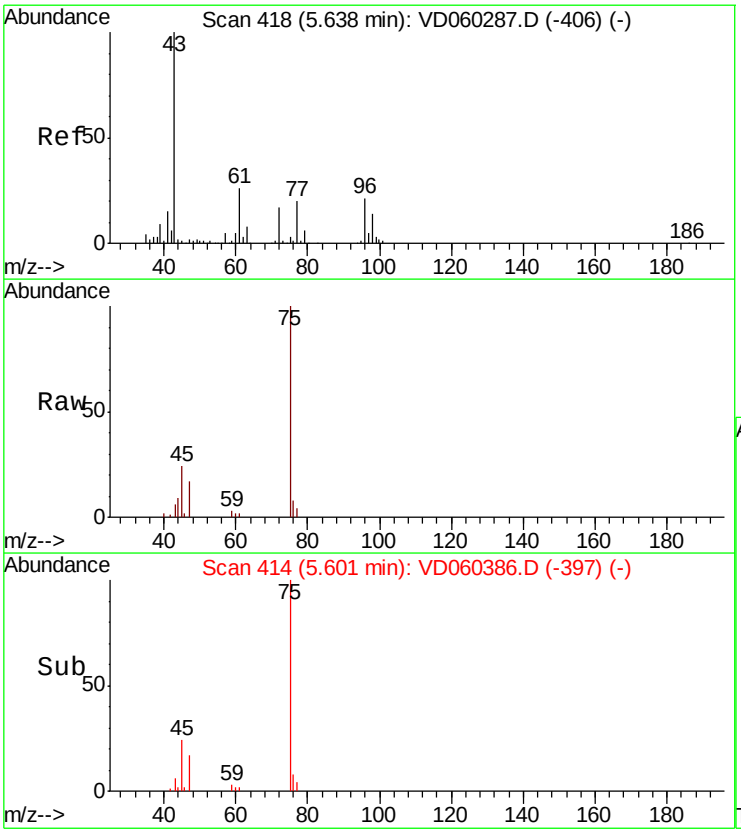
#20
Methylene Chloride
Concen: 4.856 ug/l
RT: 3.69 min Scan# 220
Delta R.T. -0.04 min
Lab File: VD060386.D
Acq: 14 Nov 2018 18:34

Instrument :
MSVOA_D
ClientSampleId :
FDSB-11(20.5-22.5)

Tgt Ion: 84 Resp: 90536

Ion	Ratio	Lower	Upper
84	100		
49	142.5	115.6	173.4
51	43.0	35.6	53.4
86	62.4	52.3	78.5

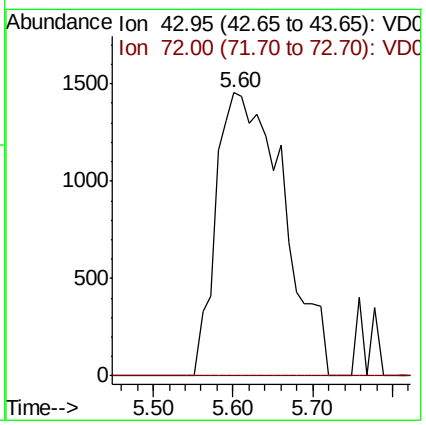


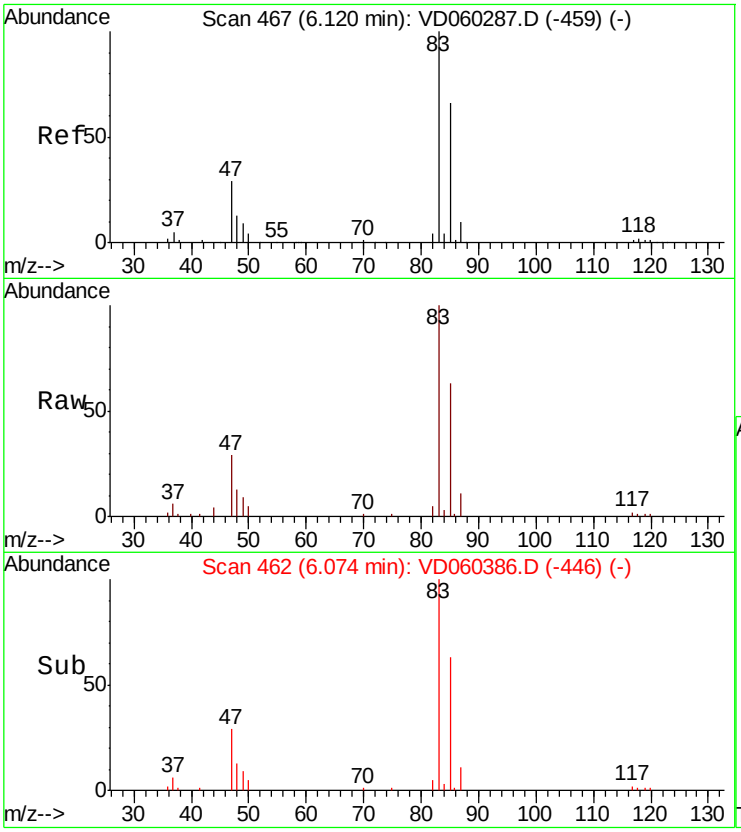


#25
2-Butanone
Concen: 1.952 ug/l
RT: 5.60 min Scan# 414
Delta R.T. -0.04 min
Lab File: VD060386.D
Acq: 14 Nov 2018 18:34

Tgt Ion: 43 Resp: 8527

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.8	20.8#



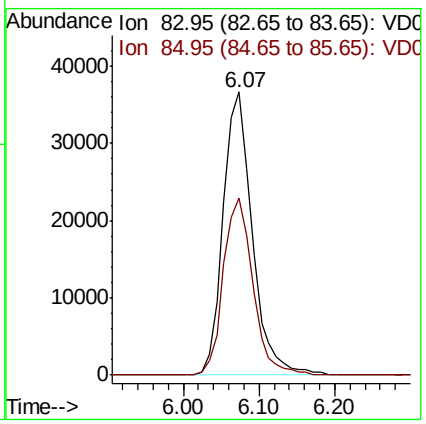


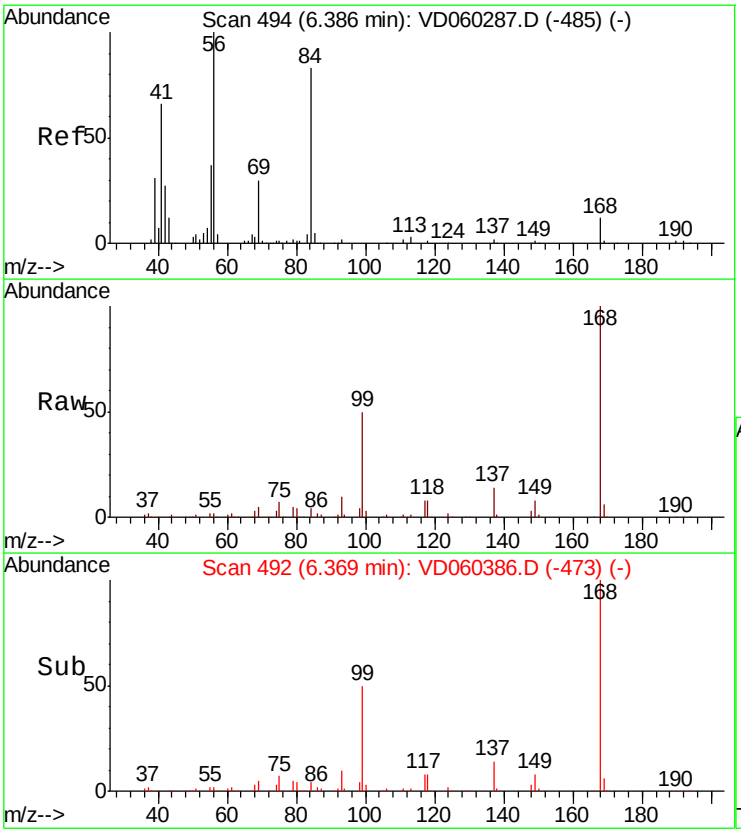
#30
Chloroform
Concen: 3.224 ug/l
RT: 6.07 min Scan# 462
Delta R.T. -0.05 min
Lab File: VD060386.D
Acq: 14 Nov 2018 18:34

Instrument :
MSVOA_D
ClientSampleId :
FDSB-11(20.5-22.5)

Tgt Ion: 83 Resp: 97557

Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.5	78.7

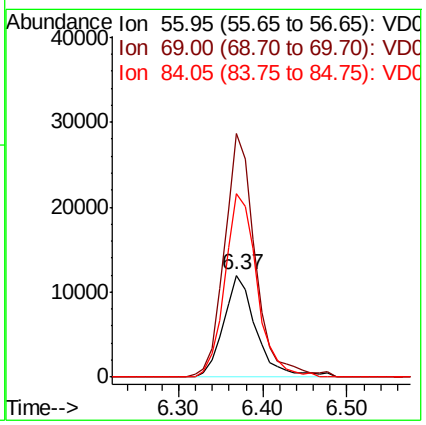


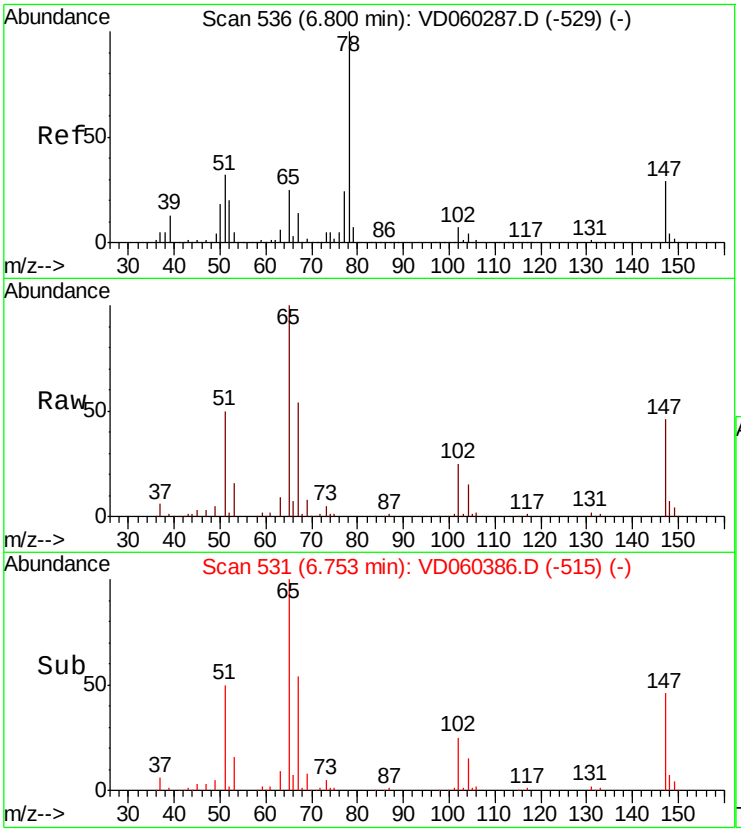


#31
Cyclohexane
Concen: 1.113 ug/l
RT: 6.37 min Scan# 492
Delta R.T. -0.02 min
Lab File: VD060386.D
Acq: 14 Nov 2018 18:34

Tgt Ion: 56 Resp: 32190

Ion	Ratio	Lower	Upper
56	100		
69	239.1	22.2	33.2#
84	179.9	63.0	94.4#



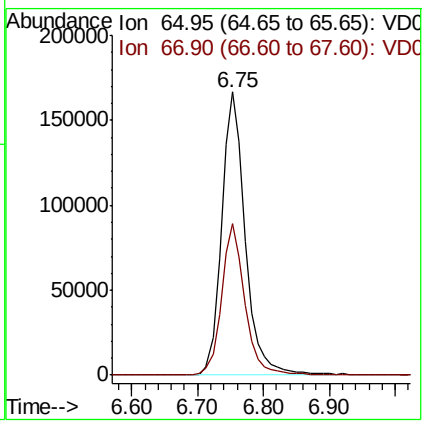


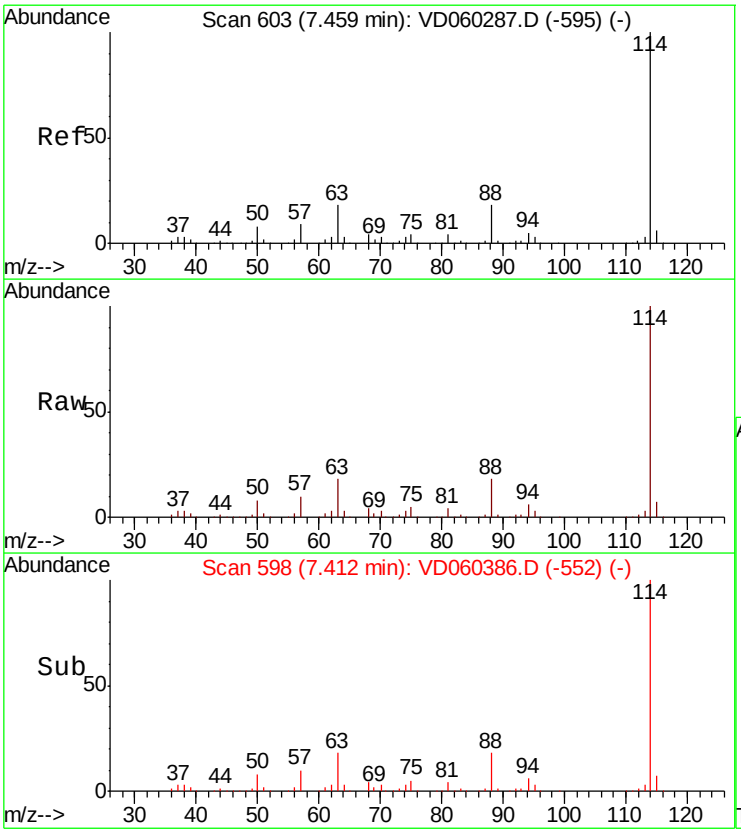
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.75 min Scan# 531
Delta R.T. -0.05 min
Lab File: VD060386.D
Acq: 14 Nov 2018 18:34

Instrument :
MSVOA_D
ClientSampleId :
FDSB-11(20.5-22.5)

Tgt Ion: 65 Resp: 417403

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	109.8

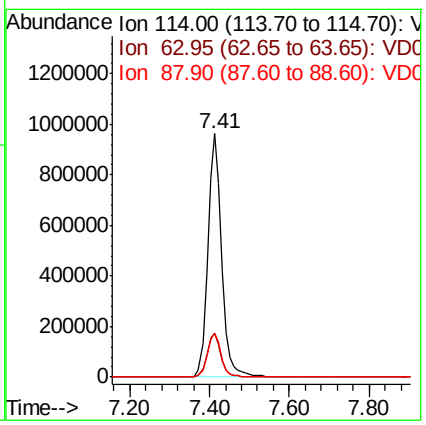


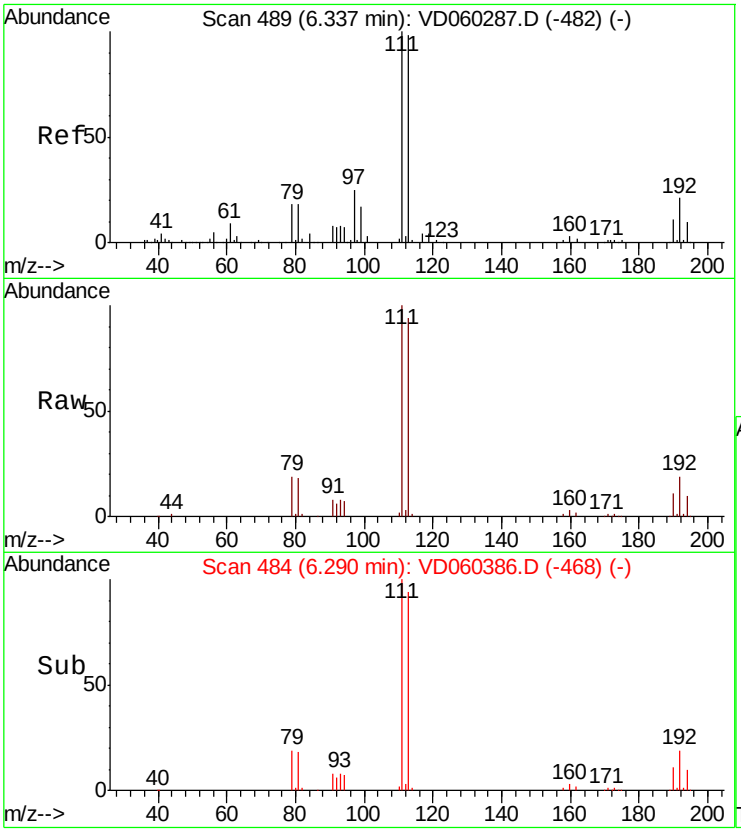


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.41 min Scan# 598
Delta R.T. -0.05 min
Lab File: VD060386.D
Acq: 14 Nov 2018 18:34

Tgt Ion:114 Resp: 2317099

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	34.0
88	18.1	0.0	35.4



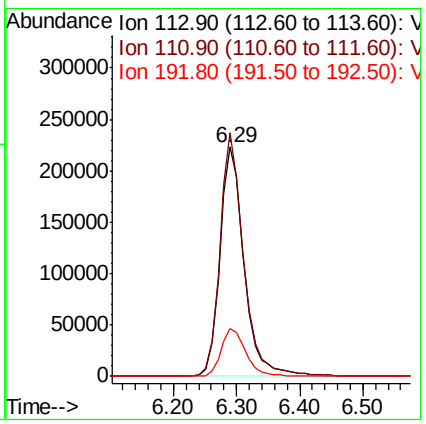


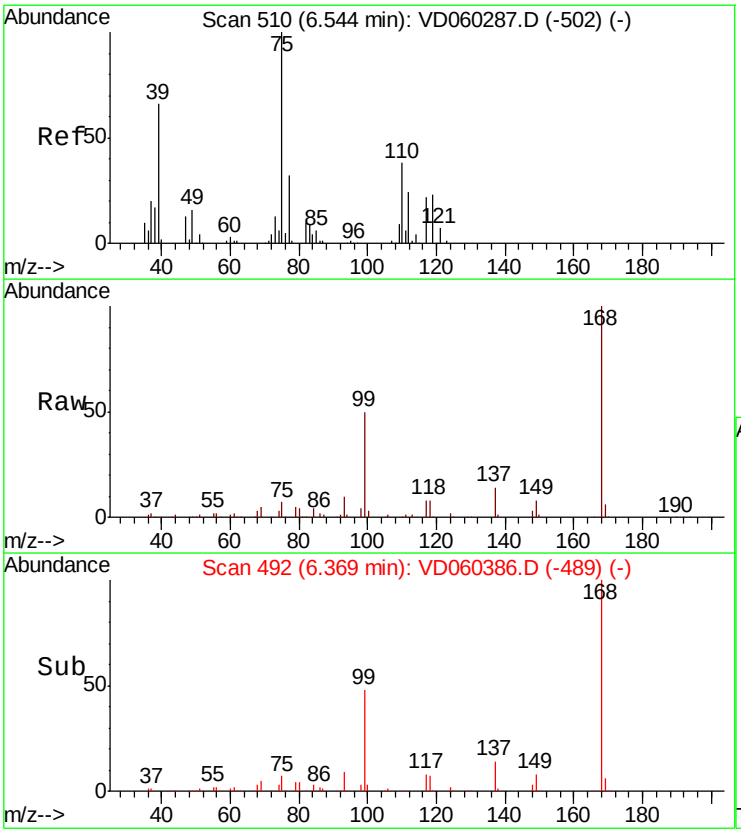
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.29 min Scan# 484
Delta R.T. -0.05 min
Lab File: VD060386.D
Acq: 14 Nov 2018 18:34

Instrument :
MSVOA_D
ClientSampleId :
FDSB-11(20.5-22.5)

Tgt Ion:113 Resp: 592101

Ion	Ratio	Lower	Upper
113	100		
111	106.3	81.6	122.4
192	20.7	16.5	24.7

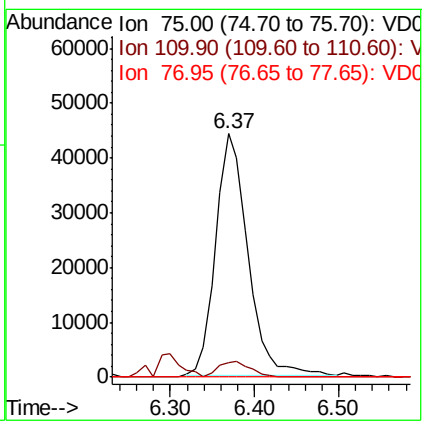


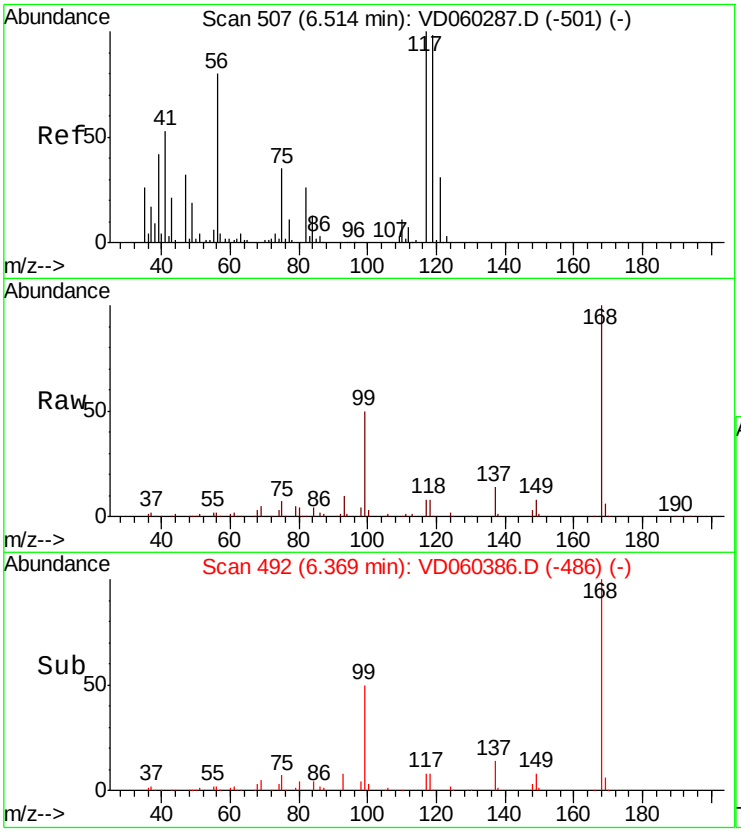


#36
1,1-Dichloropropene
Concen: 5.088 ug/l
RT: 6.37 min Scan# 492
Delta R.T. -0.17 min
Lab File: VD060386.D
Acq: 14 Nov 2018 18:34

Tgt Ion: 75 Resp: 116476

Ion	Ratio	Lower	Upper
75	100		
110	5.9	18.0	54.0#
77	0.0	25.6	38.4#



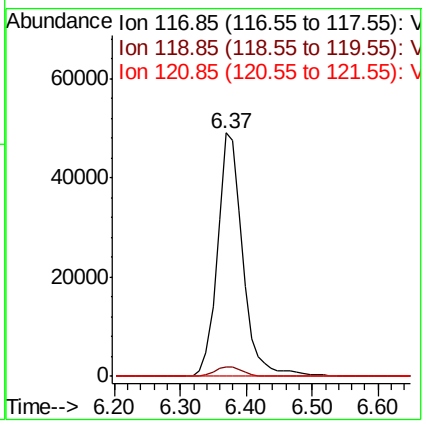


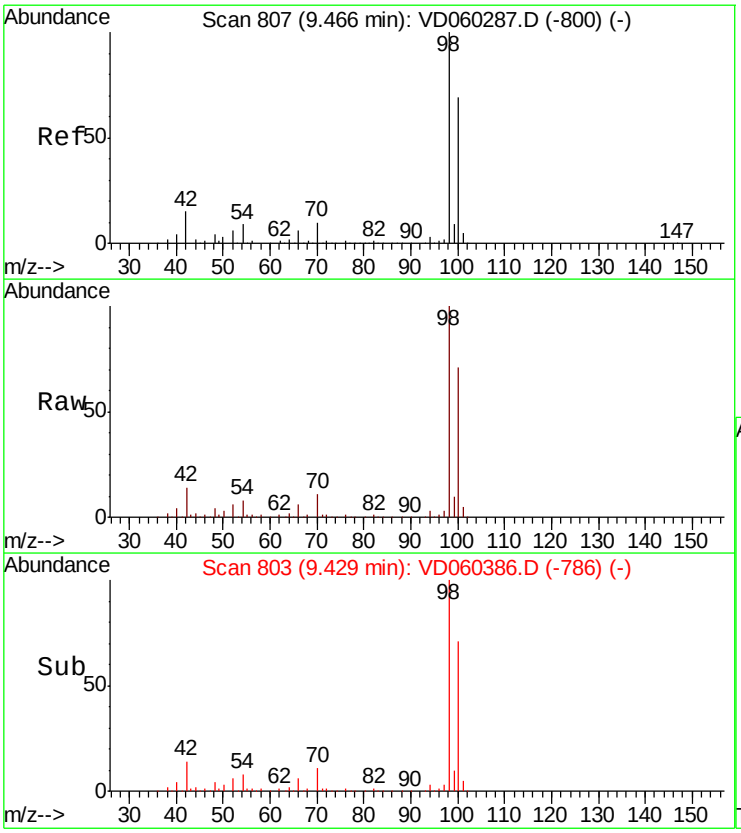
#38
Carbon Tetrachloride
Concen: 6.159 ug/l
RT: 6.37 min Scan# 492
Delta R.T. -0.15 min
Lab File: VD060386.D
Acq: 14 Nov 2018 18:34

Instrument :
MSVOA_D
ClientSampleId :
FDSB-11(20.5-22.5)

Tgt Ion:117 Resp: 130784

Ion	Ratio	Lower	Upper
117	100		
119	4.0	76.6	115.0#
121	0.0	24.3	36.5#

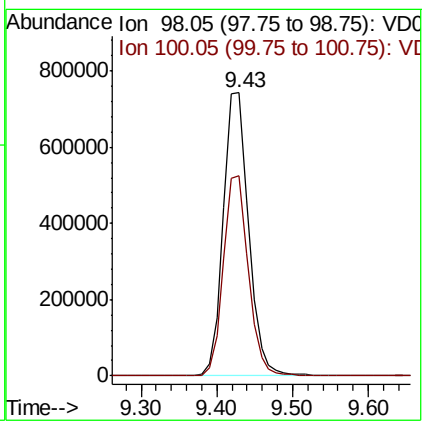


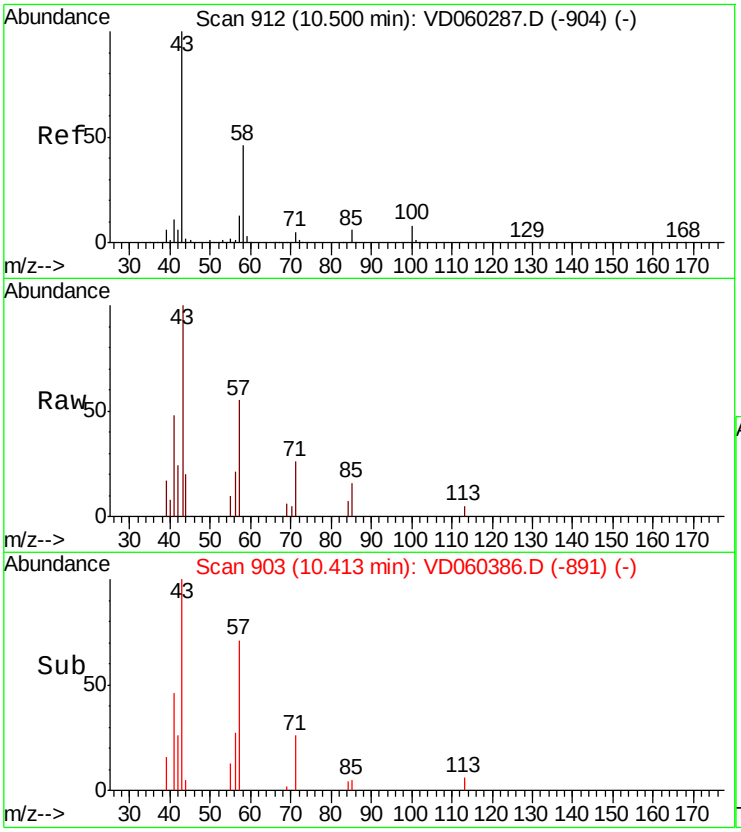


#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 803
Delta R.T. -0.04 min
Lab File: VD060386.D
Acq: 14 Nov 2018 18:34

Tgt Ion: 98 Resp: 1723911

Ion	Ratio	Lower	Upper
98	100		
100	70.5	55.2	82.8



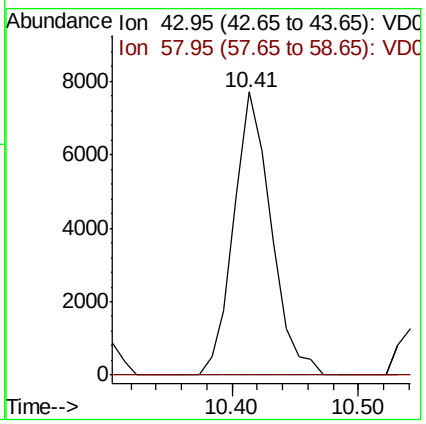


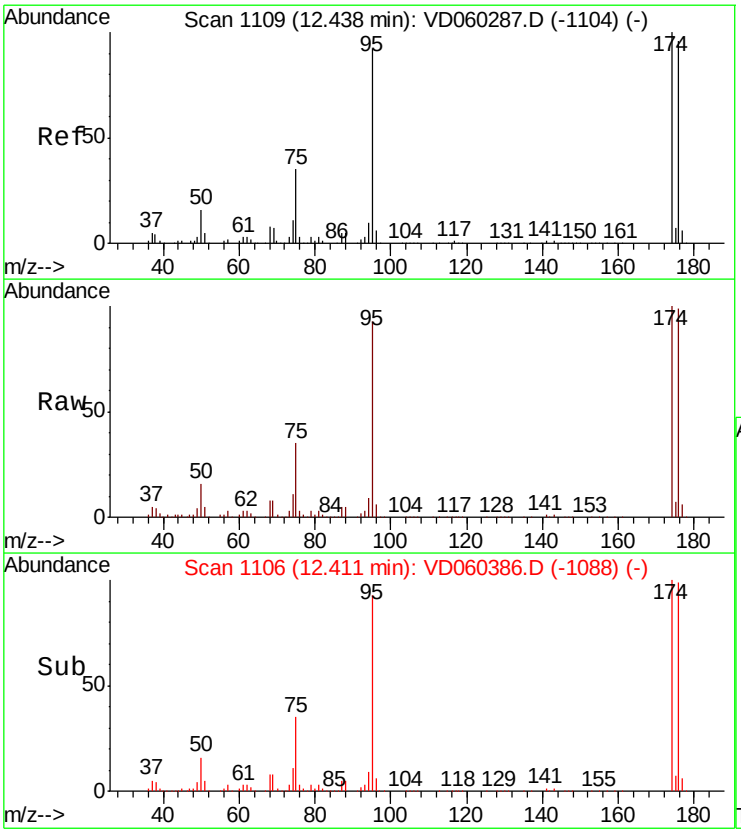
#59
2-Hexanone
Concen: 2.584 ug/l
RT: 10.41 min Scan# 903
Delta R.T. -0.09 min
Lab File: VD060386.D
Acq: 14 Nov 2018 18:34

Instrument :
MSVOA_D
ClientSampleId :
FDSB-11(20.5-22.5)

Tgt Ion: 43 Resp: 15864

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.9	68.5#

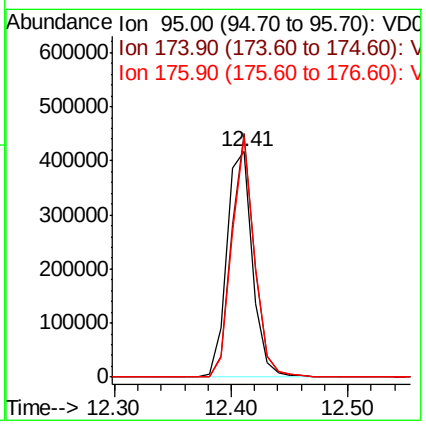


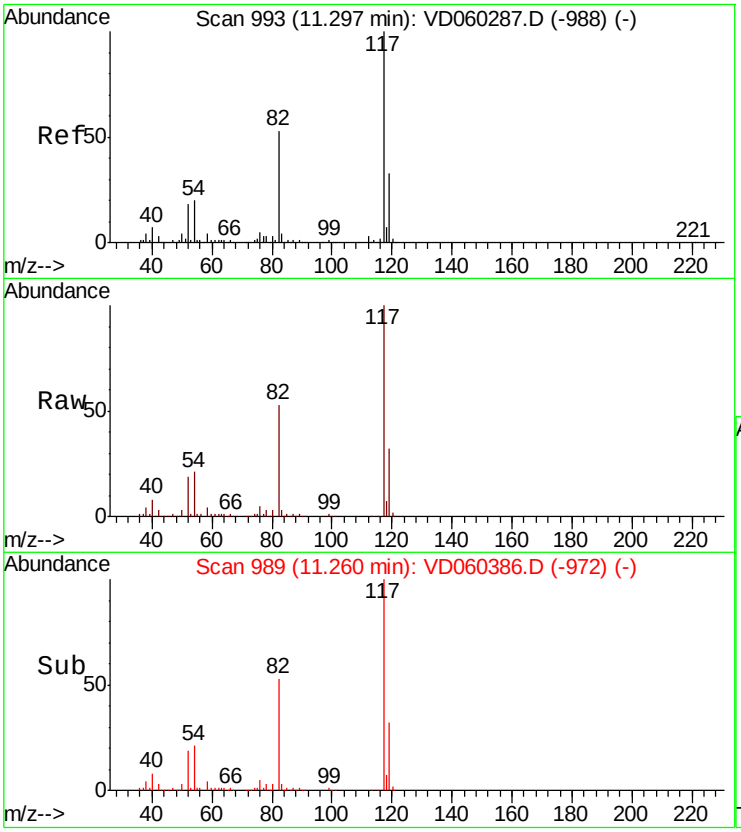


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.41 min Scan# 1106
Delta R.T. -0.03 min
Lab File: VD060386.D
Acq: 14 Nov 2018 18:34

Tgt Ion: 95 Resp: 639031

Ion	Ratio	Lower	Upper
95	100		
174	107.9	0.0	160.8
176	106.4	0.0	154.6



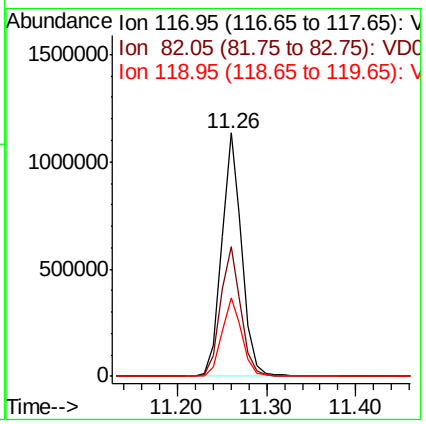


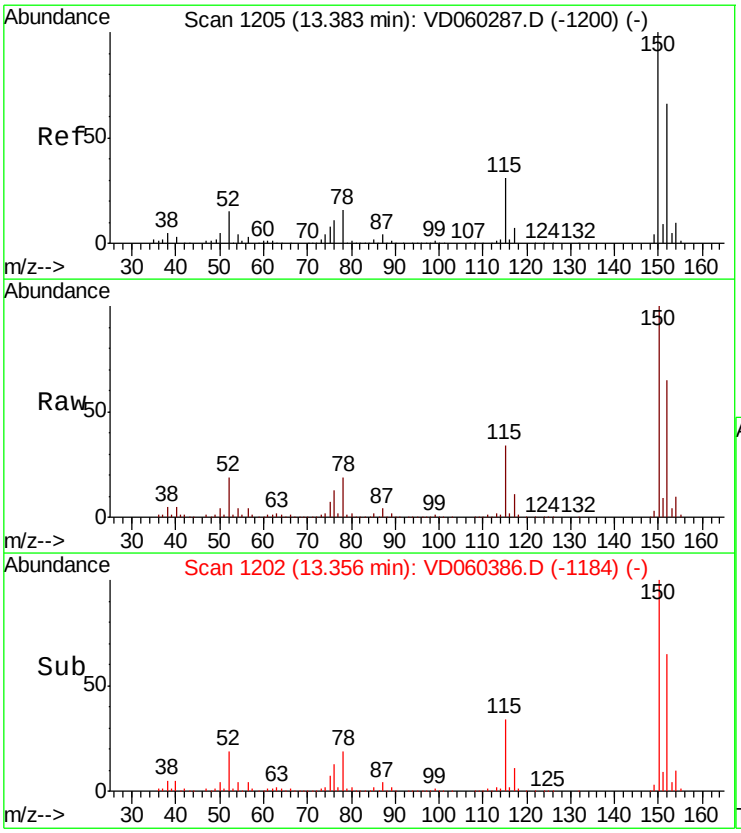
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.26 min Scan# 989
Delta R.T. -0.04 min
Lab File: VD060386.D
Acq: 14 Nov 2018 18:34

Instrument : MSVOA_D
ClientSampleId : FDSB-11(20.5-22.5)

Tgt Ion:117 Resp: 1786138

Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.7	65.5
119	32.2	26.1	39.1

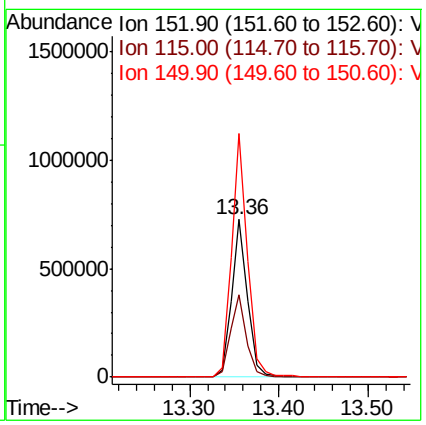


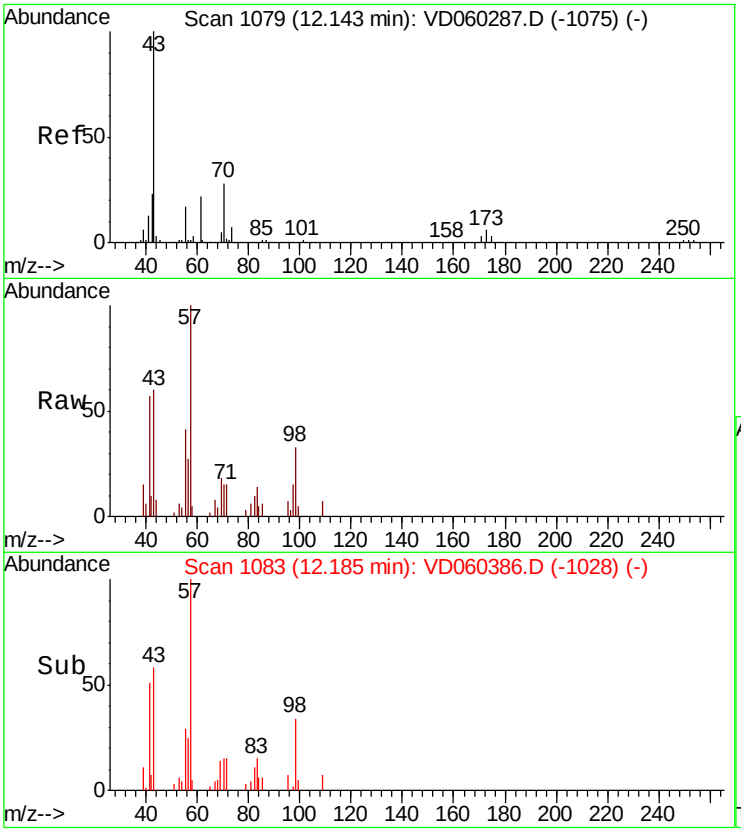


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1202
Delta R.T. -0.03 min
Lab File: VD060386.D
Acq: 14 Nov 2018 18:34

Tgt Ion:152 Resp: 915091

Ion	Ratio	Lower	Upper
152	100		
115	52.4	24.1	72.3
150	154.5	0.0	310.6



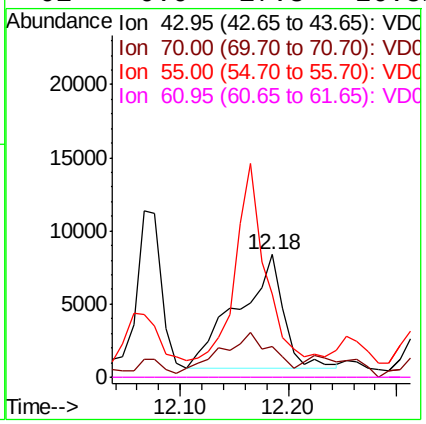


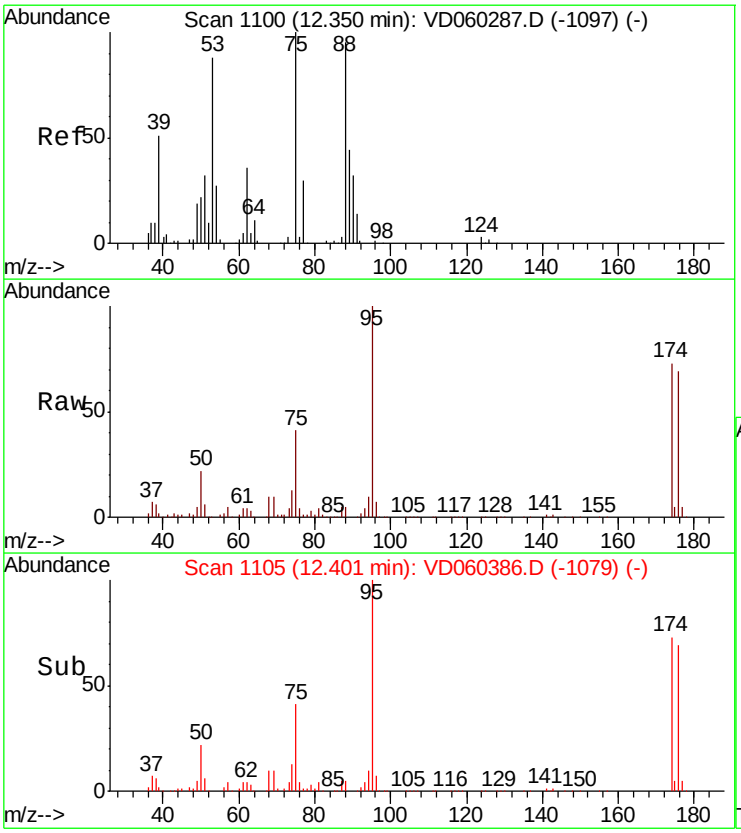
#74
N-amyl acetate
Concen: 1.330 ug/l
RT: 12.18 min Scan# 1083
Delta R.T. 0.04 min
Lab File: VD060386.D
Acq: 14 Nov 2018 18:34

Instrument :
MSVOA_D
ClientSampleId :
FDSB-11(20.5-22.5)

Tgt Ion: 43 Resp: 22740

Ion	Ratio	Lower	Upper
43	100		
70	24.7	23.0	34.4
55	68.3	14.2	21.4#
61	0.0	17.8	26.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 80.688 ug/l
RT: 12.40 min Scan# 1105
Delta R.T. 0.05 min
Lab File: VD060386.D
Acq: 14 Nov 2018 18:34

Tgt Ion: 75 Resp: 251464

Ion	Ratio	Lower	Upper
75	100		
53	0.2	68.6	103.0#
89	0.0	34.1	51.1#