Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112118\
Data File : VD060441.D
Acq On : 21 Nov 2018 14:36
Operator : JC/SY
Sample : J5967-06
Misc : 5.09g/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : FDSB-13(16-18)

Quant Time: Nov 22 03:33:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 19 16:31:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1623776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	2263796	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1725342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	862894	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	554598	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.40%			
35) Dibromofluoromethane	6.33	113	807179	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.64%			
50) Toluene-d8	9.46	98	2332528	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.42%			
62) 4-Bromofluorobenzene	12.43	95	819775	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.58%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.60	85	1494	Below Cal	#	41
16) Acetone	3.17	43	10035	4.976	ug/l	98
20) Methylene Chloride	3.73	84	74961	4.190	ug/l	95
31) Cyclohexane	6.41	56	30828	1.111	ug/l #	1
36) 1,1-Dichloropropene	6.41	75	111493	4.985	ug/l #	47
38) Carbon Tetrachloride	6.41	117	127618	6.151	ug/l #	16
81) trans-1,4-Dichloro-2-buten	12.43	75	326305	111.036	ug/l #	15
89) n-Butylbenzene	13.65	91	581	Below Cal	#	80

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

Quantitation Report (Not Reviewed)

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Data File : VD060441.D
Acq On : 21 Nov 2018 14:36
Operator : JC/SY
Sample : J5967-06
Misc : 5.09g/5ml/MSVOA_D/SOIL
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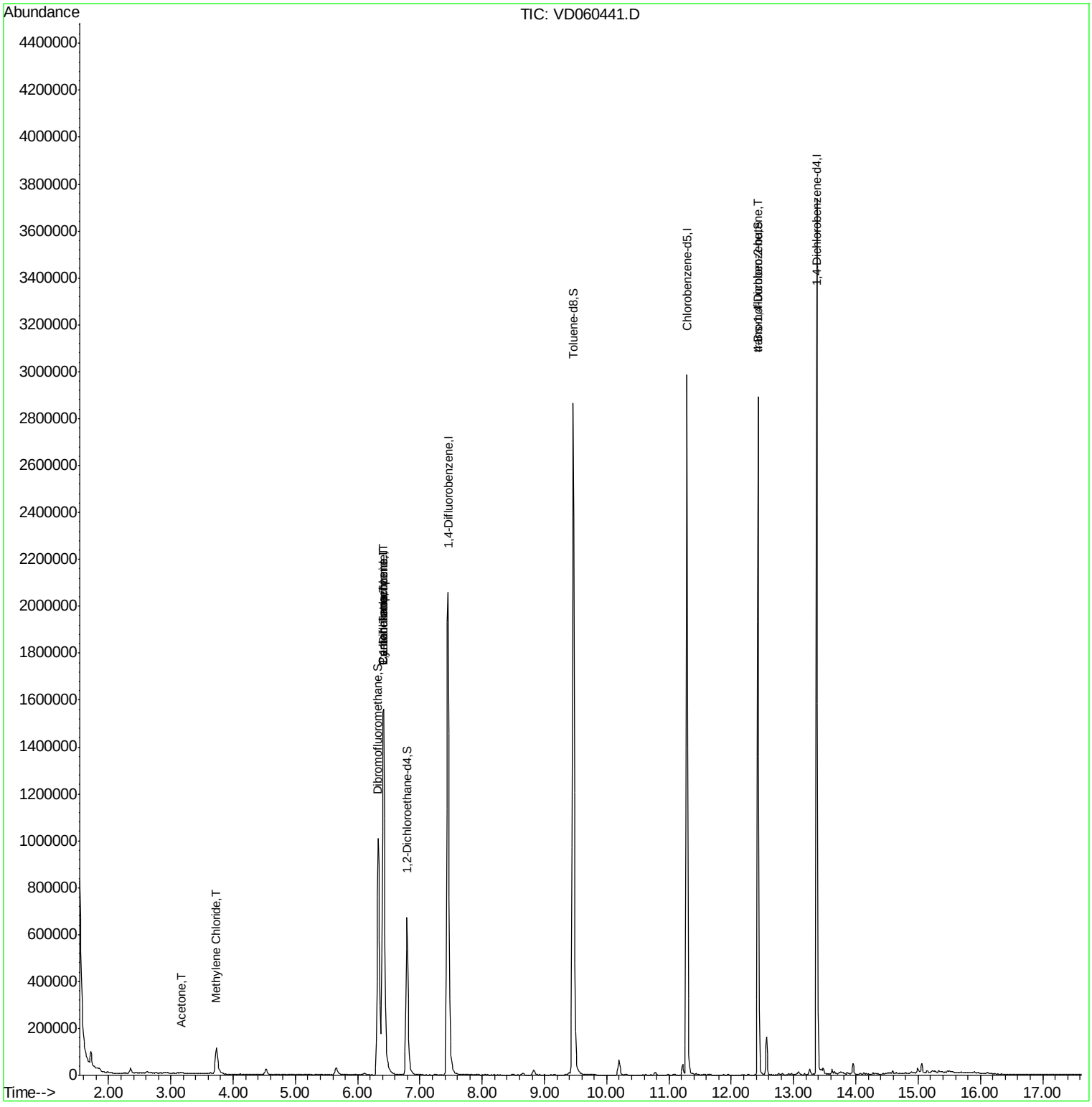
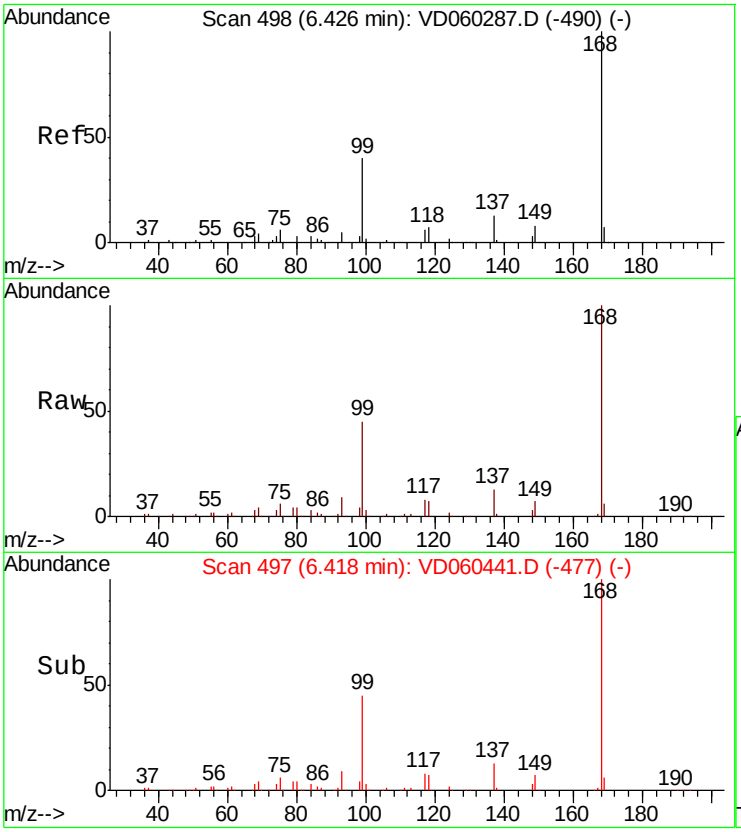
Instrument :
MSVOA_D
ClientSampleId :
FDSB-13(16-18)

Quant Time: Nov 22 03:33:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 19 16:31:59 2018
Response via : Initial Calibration



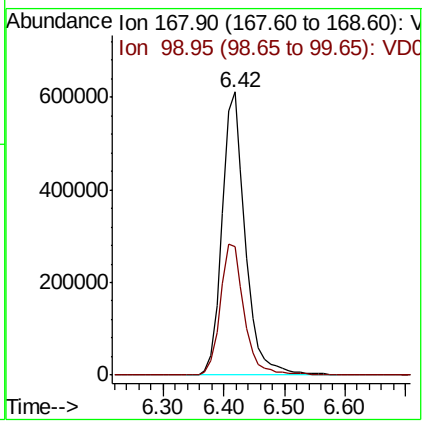


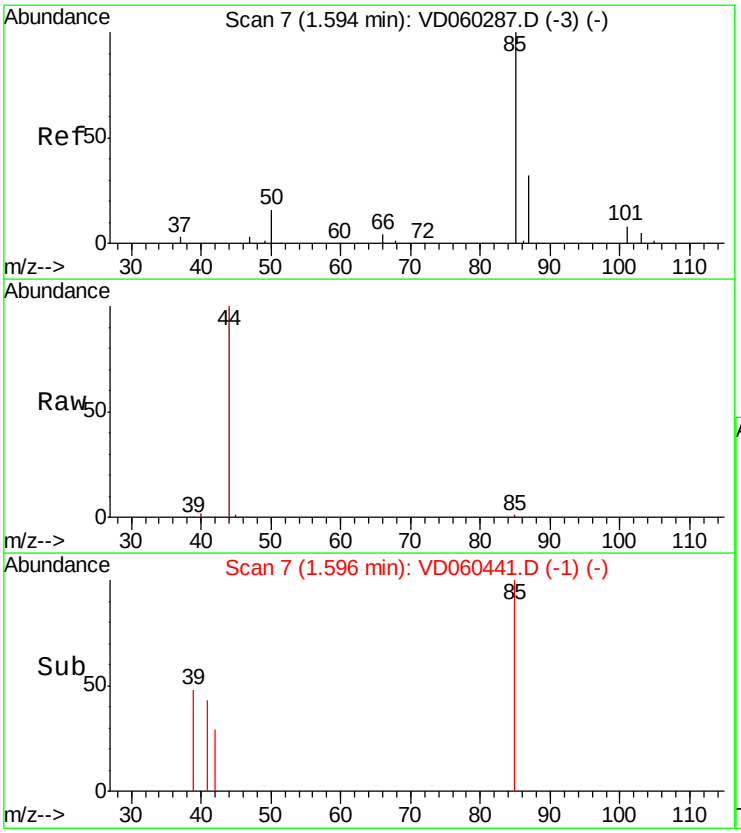
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.42 min Scan# 497
Delta R.T. -0.01 min
Lab File: VD060441.D
Acq: 21 Nov 2018 14:36

Instrument :
MSVOA_D
ClientSampleId :
FDSB-13(16-18)

Tgt Ion:168 Resp: 1623776

Ion	Ratio	Lower	Upper
168	100		
99	45.4	39.8	59.8

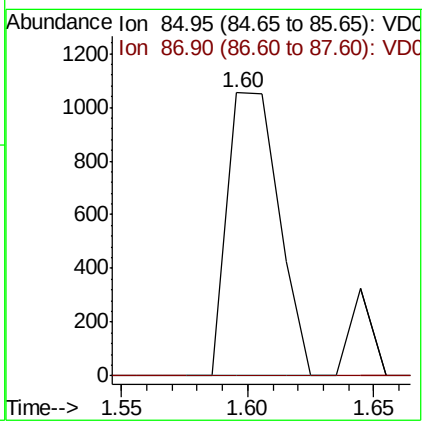


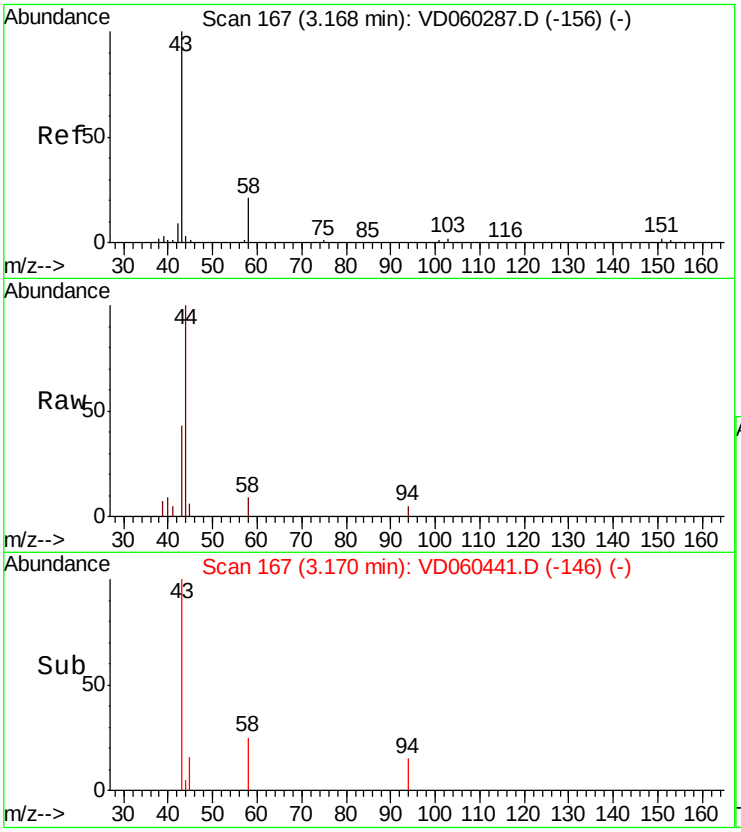


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.60 min Scan# 7
Delta R.T. 0.00 min
Lab File: VD060441.D
Acq: 21 Nov 2018 14:36

Tgt Ion: 85 Resp: 1494

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.8	50.4#



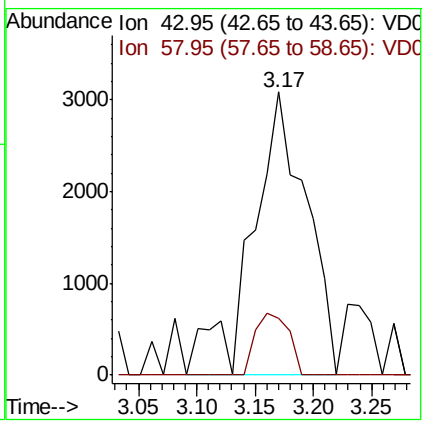


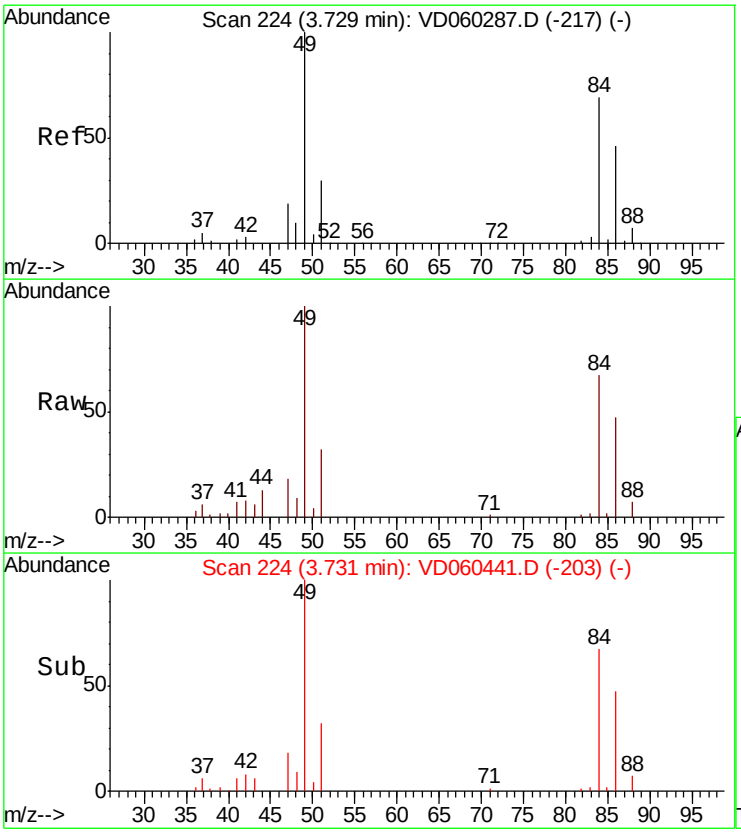
#16
Acetone
Concen: 4.976 ug/l
RT: 3.17 min Scan# 167
Delta R.T. 0.00 min
Lab File: VD060441.D
Acq: 21 Nov 2018 14:36

Instrument :
MSVOA_D
ClientSampleId :
FDSB-13(16-18)

Tgt Ion: 43 Resp: 10035

Ion	Ratio	Lower	Upper
43	100		
58	20.1	16.9	25.3

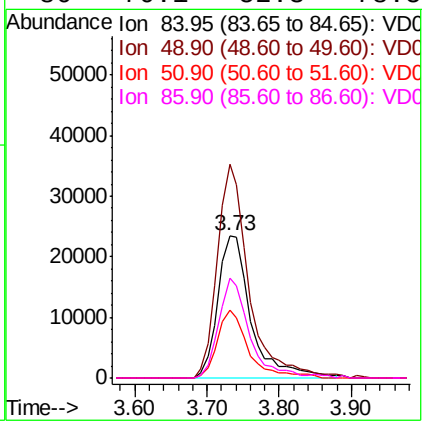


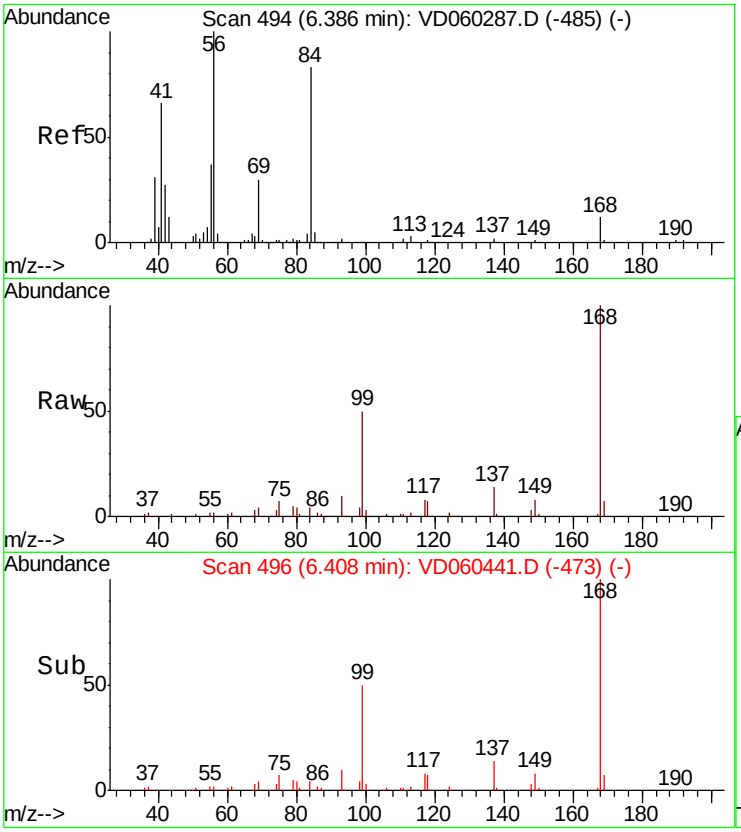


#20
Methylene Chloride
Concen: 4.190 ug/l
RT: 3.73 min Scan# 224
Delta R.T. 0.00 min
Lab File: VD060441.D
Acq: 21 Nov 2018 14:36

Tgt Ion: 84 Resp: 74961

Ion	Ratio	Lower	Upper
84	100		
49	150.3	115.6	173.4
51	47.6	35.6	53.4
86	70.1	52.3	78.5



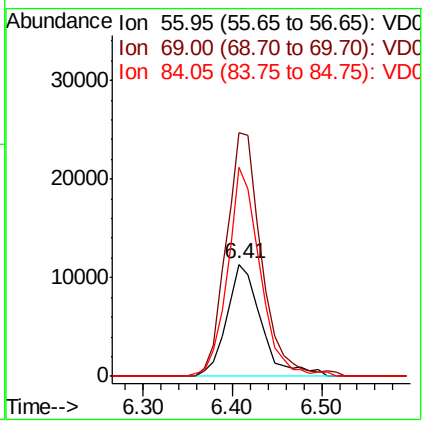


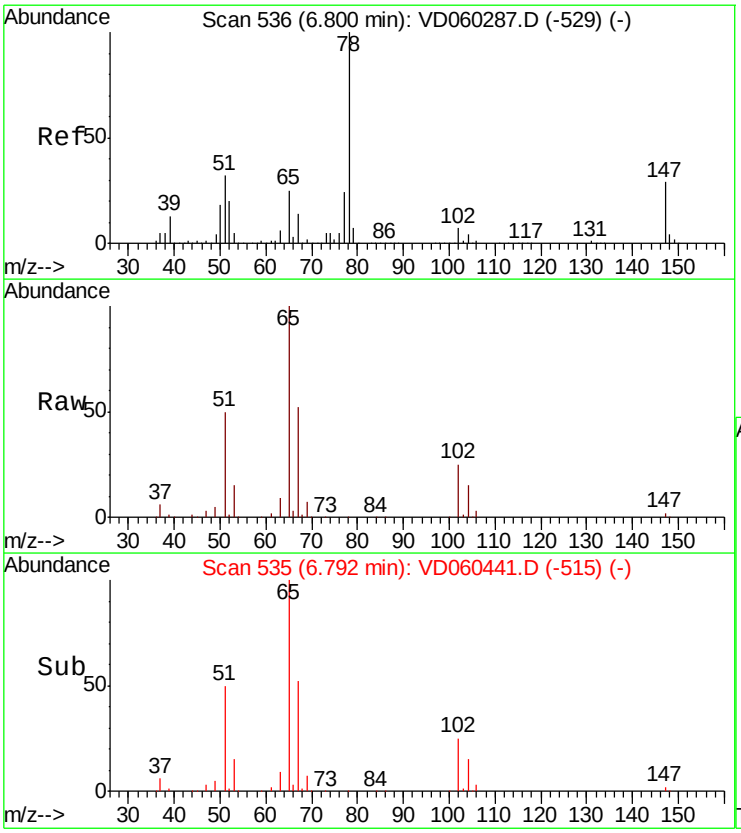
#31
Cyclohexane
Concen: 1.111 ug/l
RT: 6.41 min Scan# 496
Delta R.T. 0.02 min
Lab File: VD060441.D
Acq: 21 Nov 2018 14:36

Instrument :
MSVOA_D
ClientSampleId :
FDSB-13(16-18)

Tgt Ion: 56 Resp: 30828

Ion	Ratio	Lower	Upper
56	100		
69	217.1	22.2	33.2#
84	186.8	63.0	94.4#

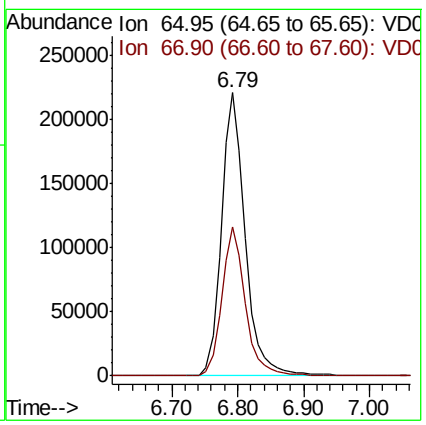


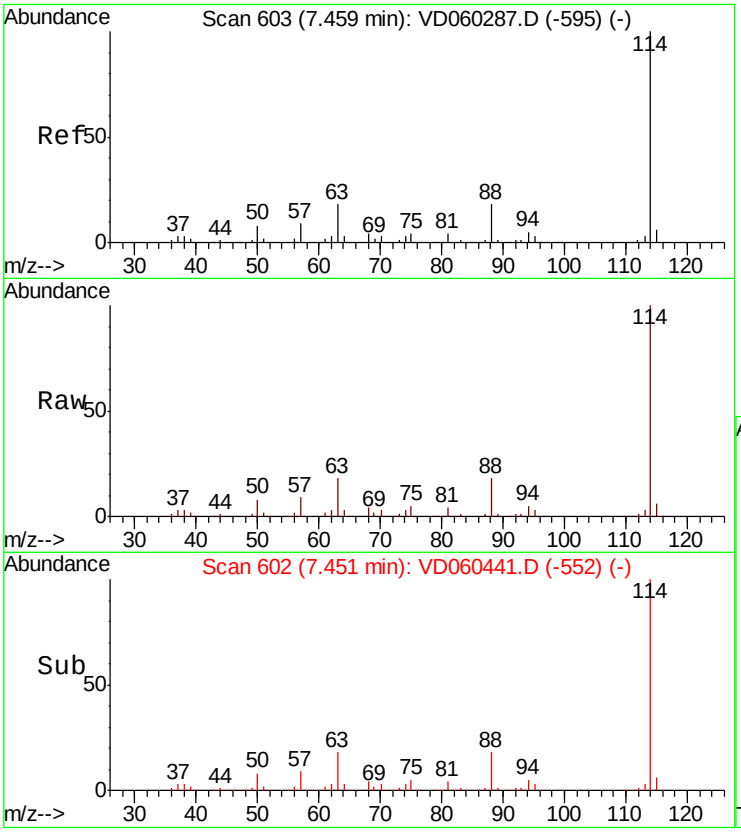


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.01 min
Lab File: VD060441.D
Acq: 21 Nov 2018 14:36

Tgt Ion: 65 Resp: 554598

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	109.8



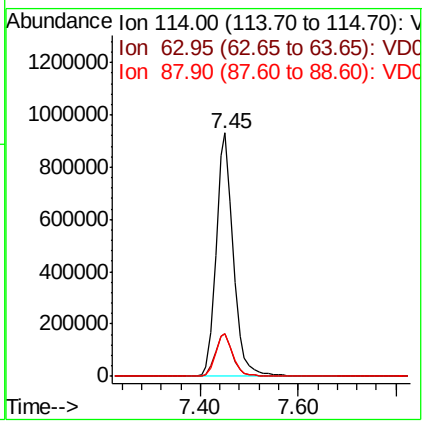


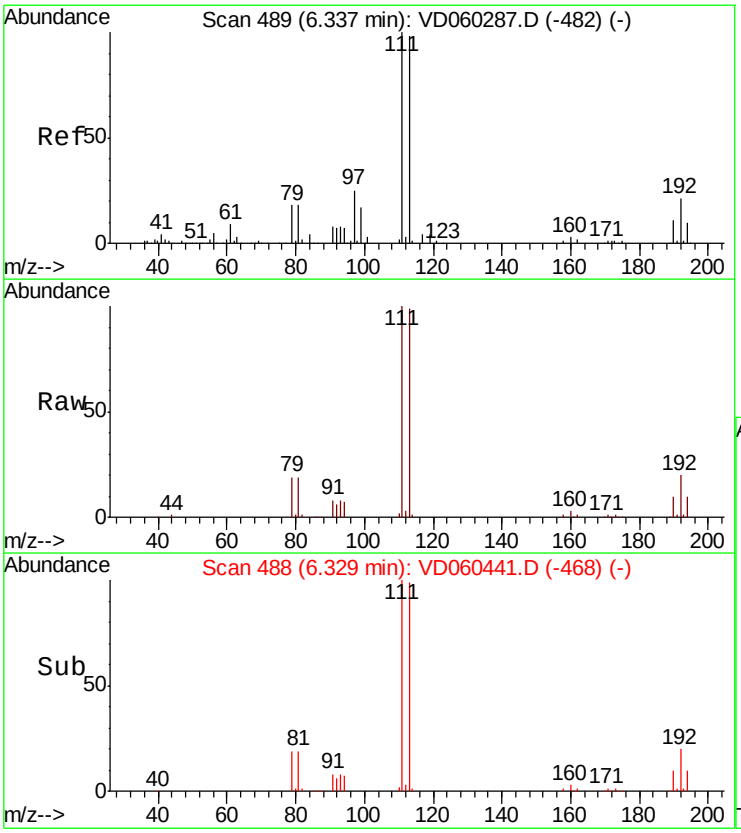
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.45 min Scan# 602
Delta R.T. -0.01 min
Lab File: VD060441.D
Acq: 21 Nov 2018 14:36

Instrument :
MSVOA_D
ClientSampleId :
FDSB-13(16-18)

Tgt Ion:114 Resp: 2263796

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	34.0
88	17.7	0.0	35.4

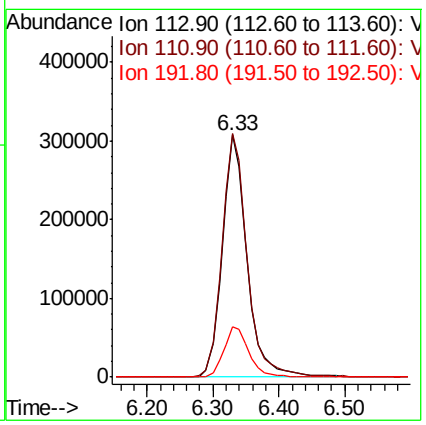


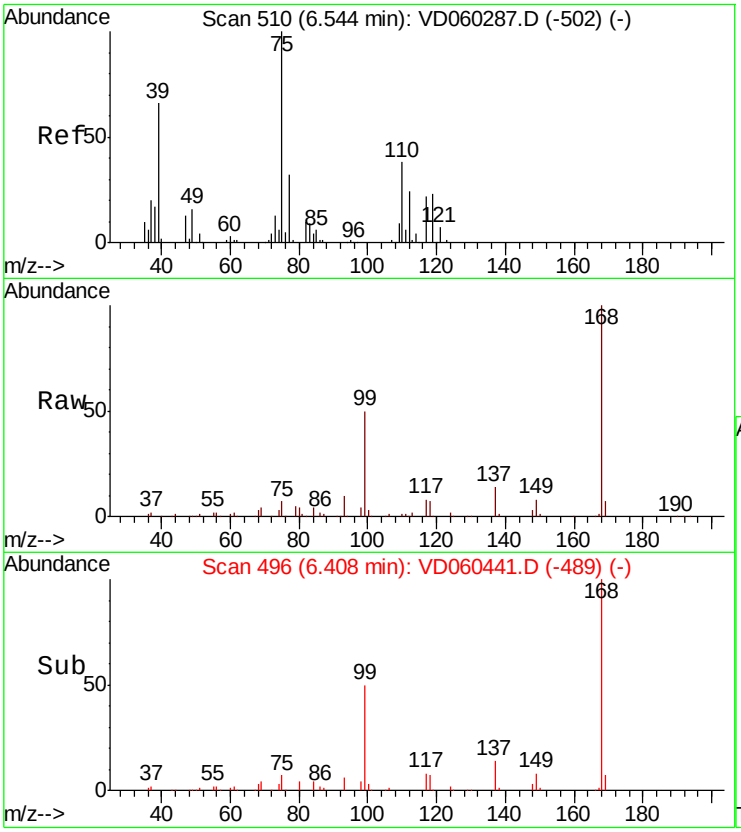


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.33 min Scan# 488
Delta R.T. -0.01 min
Lab File: VD060441.D
Acq: 21 Nov 2018 14:36

Tgt Ion:113 Resp: 807179

Ion	Ratio	Lower	Upper
113	100		
111	100.6	81.6	122.4
192	20.6	16.5	24.7



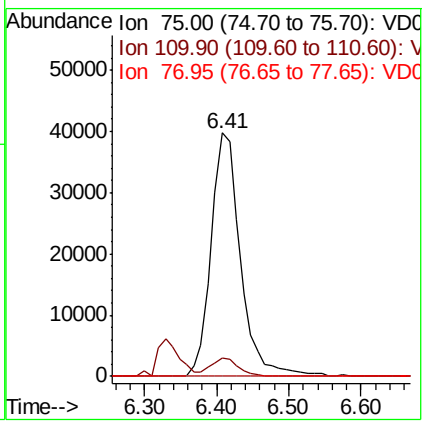


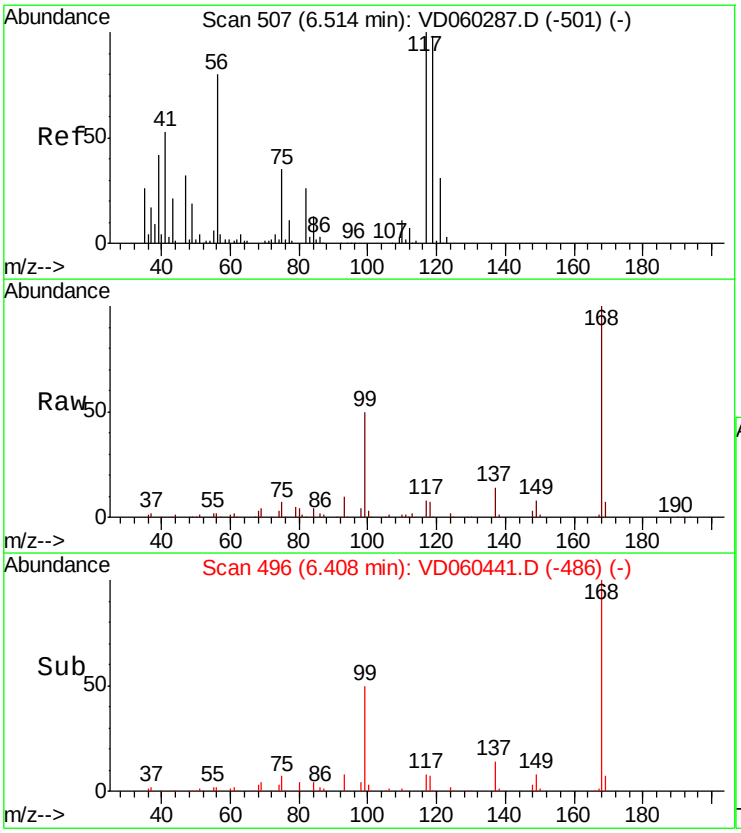
#36
1,1-Dichloropropene
Concen: 4.985 ug/l
RT: 6.41 min Scan# 496
Delta R.T. -0.14 min
Lab File: VD060441.D
Acq: 21 Nov 2018 14:36

Instrument :
MSVOA_D
ClientSampleId :
FDSB-13(16-18)

Tgt Ion: 75 Resp: 111493

Ion	Ratio	Lower	Upper
75	100		
110	7.6	18.0	54.0#
77	0.0	25.6	38.4#

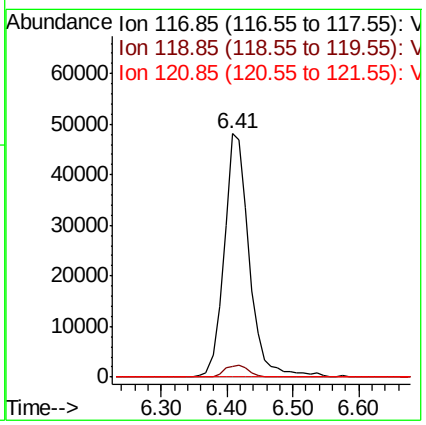


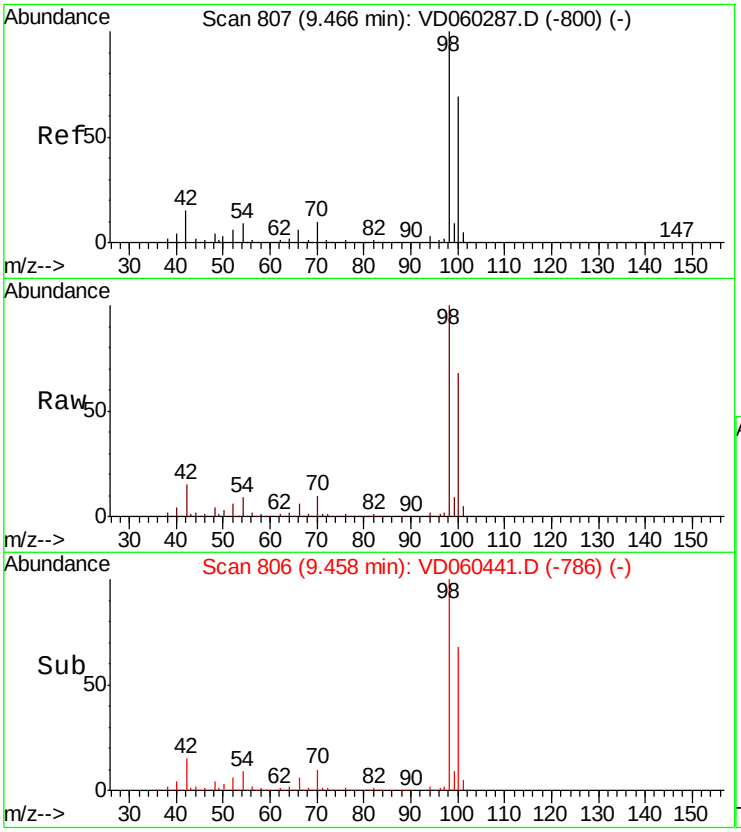


#38
Carbon Tetrachloride
Concen: 6.151 ug/l
RT: 6.41 min Scan# 496
Delta R.T. -0.11 min
Lab File: VD060441.D
Acq: 21 Nov 2018 14:36

Tgt Ion:117 Resp: 127618

Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.6	115.0#
121	0.0	24.3	36.5#



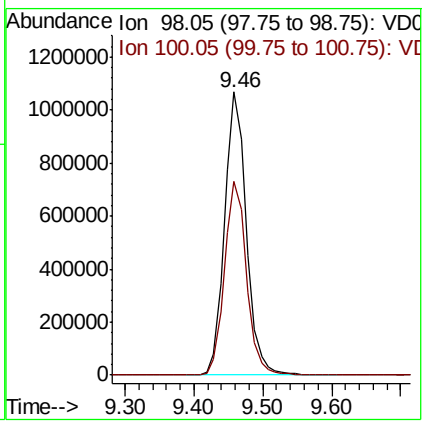


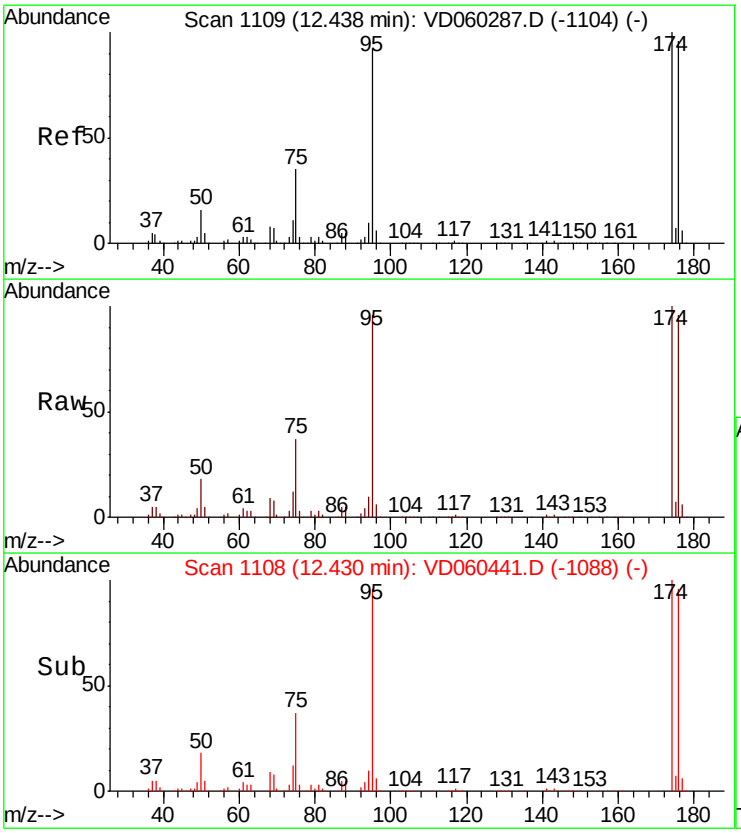
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 806
Delta R.T. -0.01 min
Lab File: VD060441.D
Acq: 21 Nov 2018 14:36

Instrument :
MSVOA_D
ClientSampleId :
FDSB-13(16-18)

Tgt Ion: 98 Resp: 2332528

Ion	Ratio	Lower	Upper
98	100		
100	68.5	55.2	82.8

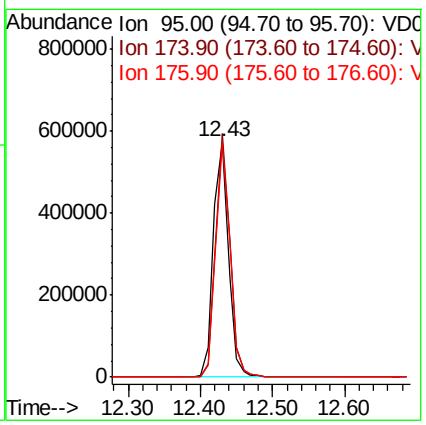


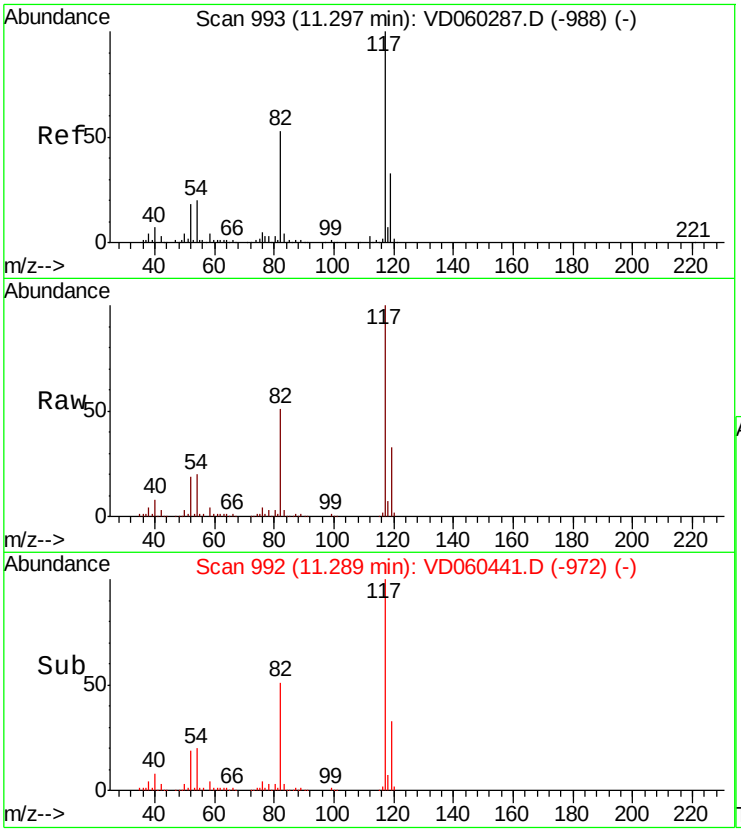


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD060441.D
Acq: 21 Nov 2018 14:36

Tgt Ion: 95 Resp: 819775

Ion	Ratio	Lower	Upper
95	100		
174	103.7	0.0	160.8
176	99.8	0.0	154.6



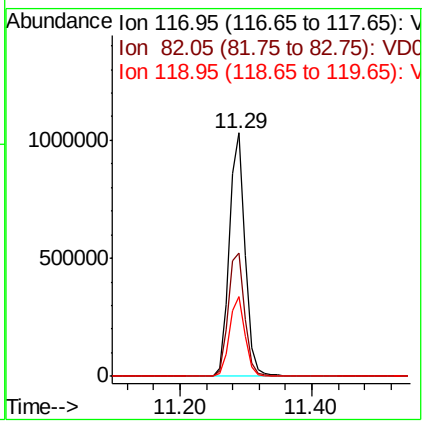


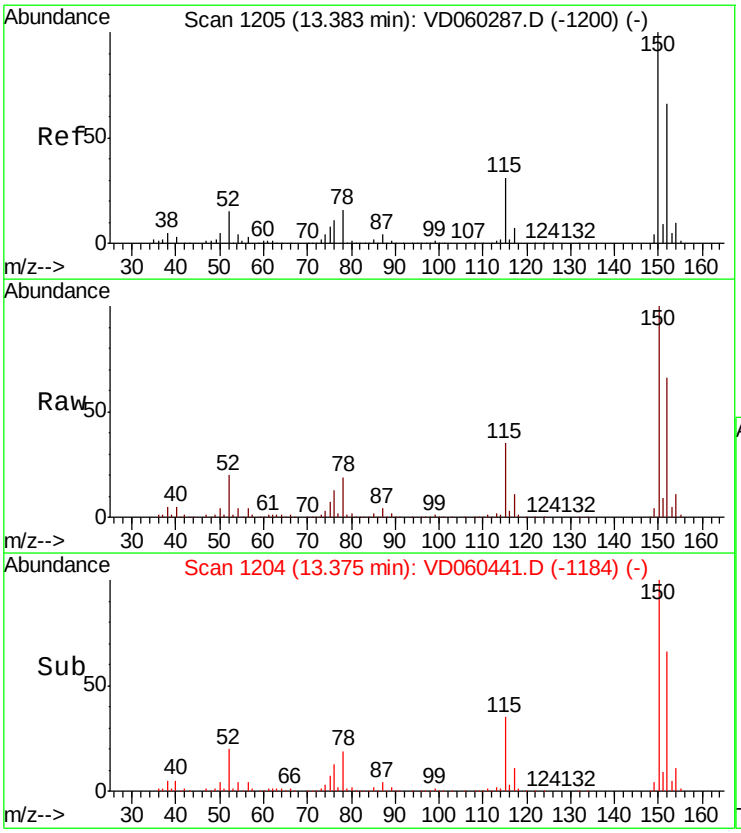
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060441.D
Acq: 21 Nov 2018 14:36

Instrument :
MSVOA_D
ClientSampleId :
FDSB-13(16-18)

Tgt Ion:117 Resp: 1725342

Ion	Ratio	Lower	Upper
117	100		
82	50.9	43.7	65.5
119	32.7	26.1	39.1

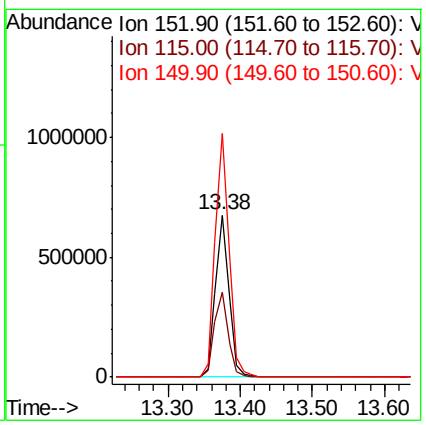


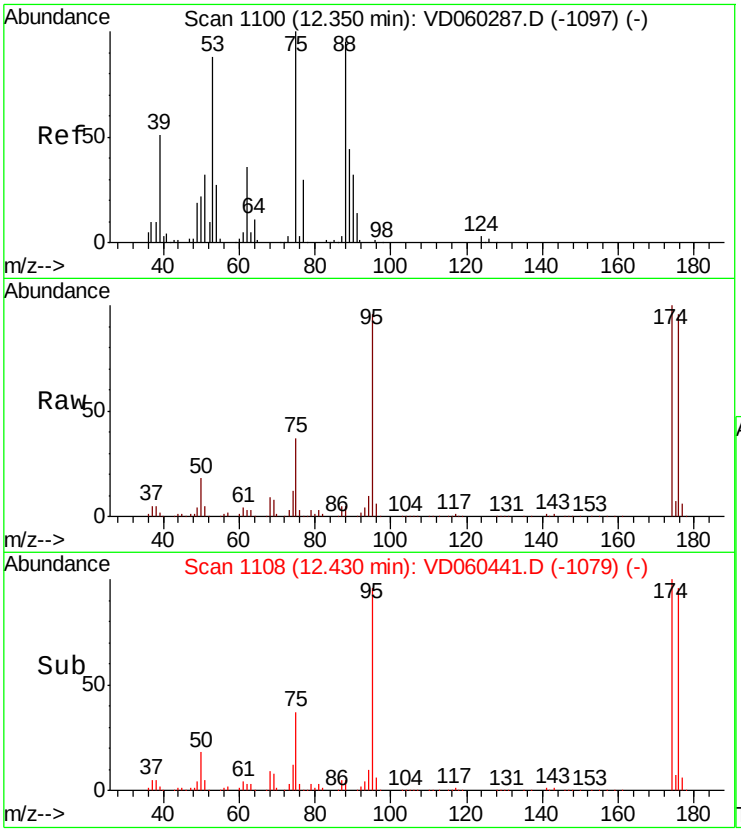


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060441.D
Acq: 21 Nov 2018 14:36

Tgt Ion:152 Resp: 862894

Ion	Ratio	Lower	Upper
152	100		
115	52.2	24.1	72.3
150	150.5	0.0	310.6





#81
trans-1,4-Dichloro-2-butene
Concen: 111.036 ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.08 min
Lab File: VD060441.D
Acq: 21 Nov 2018 14:36

Instrument :
MSVOA_D
ClientSampleId :
FDSB-13(16-18)

Tgt Ion: 75 Resp: 326305

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