Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD091918\
Data File : VD060041.D
Acq On : 19 Sep 2018 14:08
Operator : JC/SY
Sample : J4975-01RE
Misc : 5.20g/5ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VNJ-220RE

Quant Time: Sep 21 16:24:09 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	6.41	168	1106837	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	7.45	114	1518303	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.29	117	1178271	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	518640	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	359630	41.67	ug/l	0.03
Spiked Amount 50.000			Recovery = 83.34%			
35) Dibromofluoromethane	6.33	113	281972	23.77	ug/l	0.03
Spiked Amount 50.000			Recovery = 47.54%			
50) Toluene-d8	9.46	98	1247510	37.95	ug/l	0.02
Spiked Amount 50.000			Recovery = 75.90%			
62) 4-Bromofluorobenzene	12.43	95	432362	34.43	ug/l	0.02
Spiked Amount 50.000			Recovery = 68.86%			
Target Compounds						Qvalue
8) Diethyl Ether	2.82	74	3587	1.847	ug/l	77
16) Acetone	3.16	43	198614	119.182	ug/l	95
17) Carbon Disulfide	3.31	76	95133	6.063	ug/l	98
25) 2-Butanone	5.63	43	149042	33.143	ug/l	99
29) Tetrahydrofuran	5.96	42	17670	7.327	ug/l	95
52) Toluene	9.55	92	64782	2.629	ug/l	96
95) Naphthalene	14.97	128	157065	8.376	ug/l	99

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

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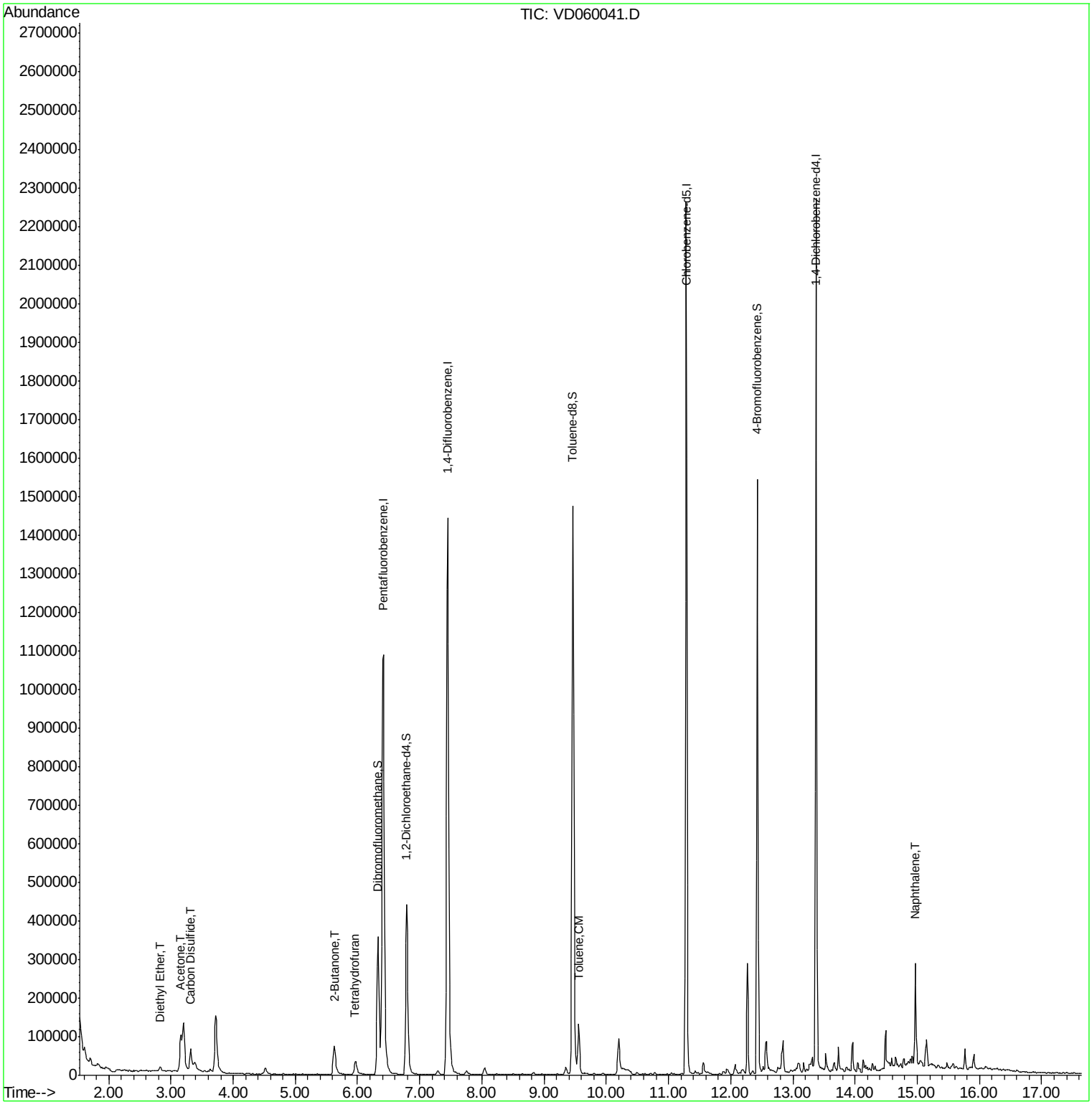
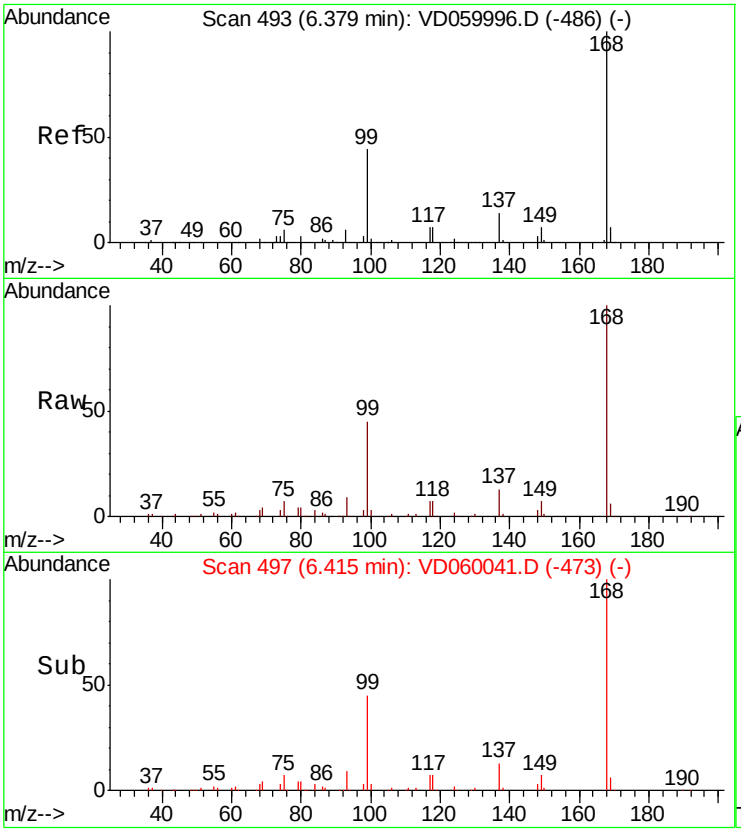


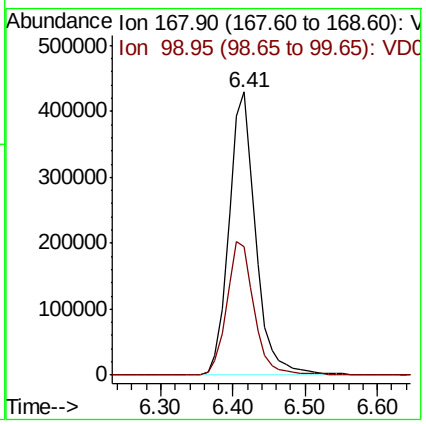


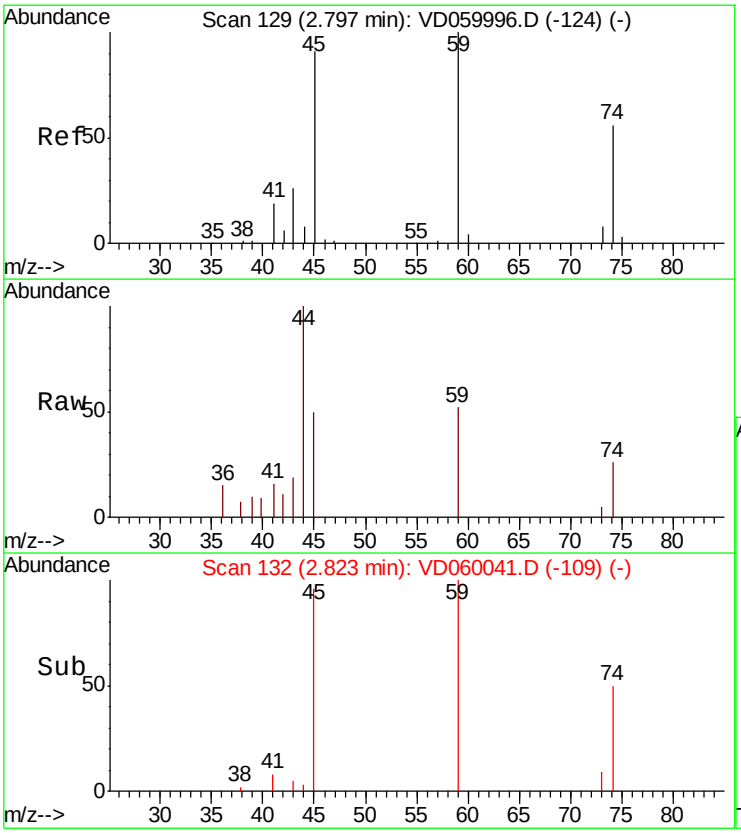
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.41 min Scan# 497
Delta R.T. 0.04 min
Lab File: VD060041.D
Acq: 19 Sep 2018 14:08

Instrument :
MSVOA_D
ClientSampleId :
VNJ-220RE

Tgt Ion:168 Resp: 1106837

Ion	Ratio	Lower	Upper
168	100		
99	45.4	38.5	57.7

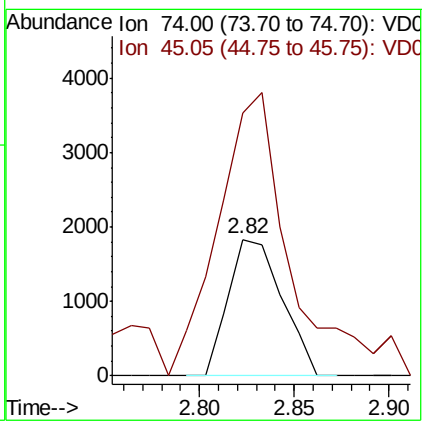


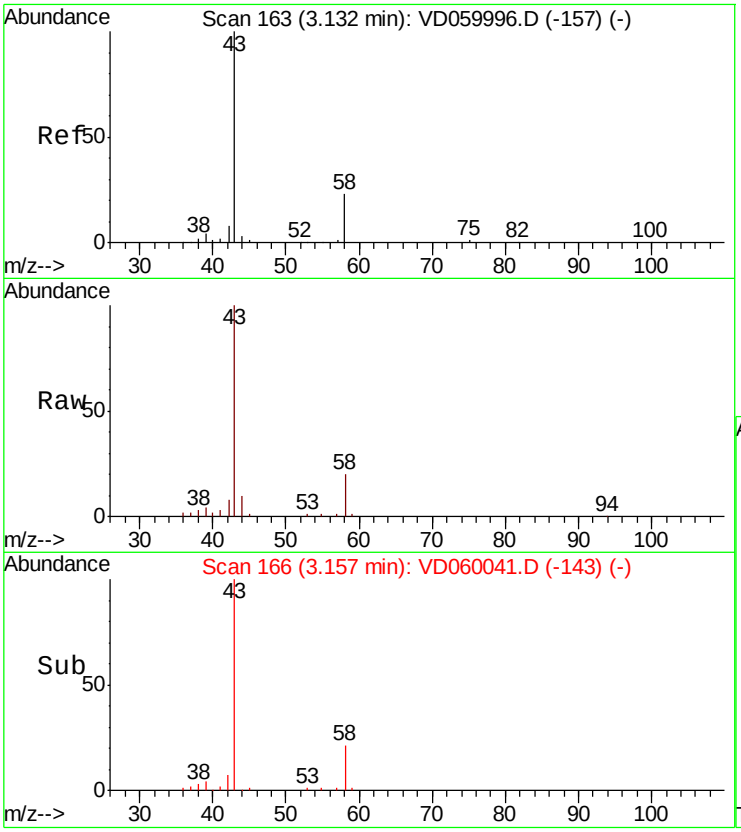


#8
Diethyl Ether
Concen: 1.847 ug/l
RT: 2.82 min Scan# 132
Delta R.T. 0.03 min
Lab File: VD060041.D
Acq: 19 Sep 2018 14:08

Tgt Ion: 74 Resp: 3587

Ion	Ratio	Lower	Upper
74	100		
45	192.7	81.2	243.4



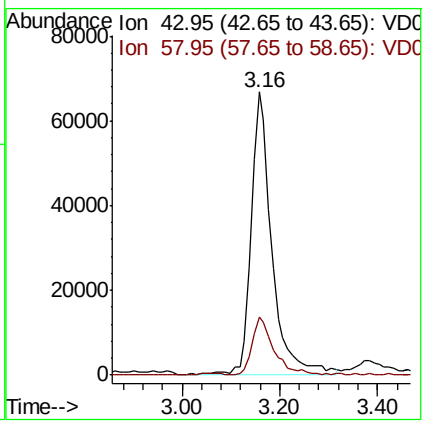


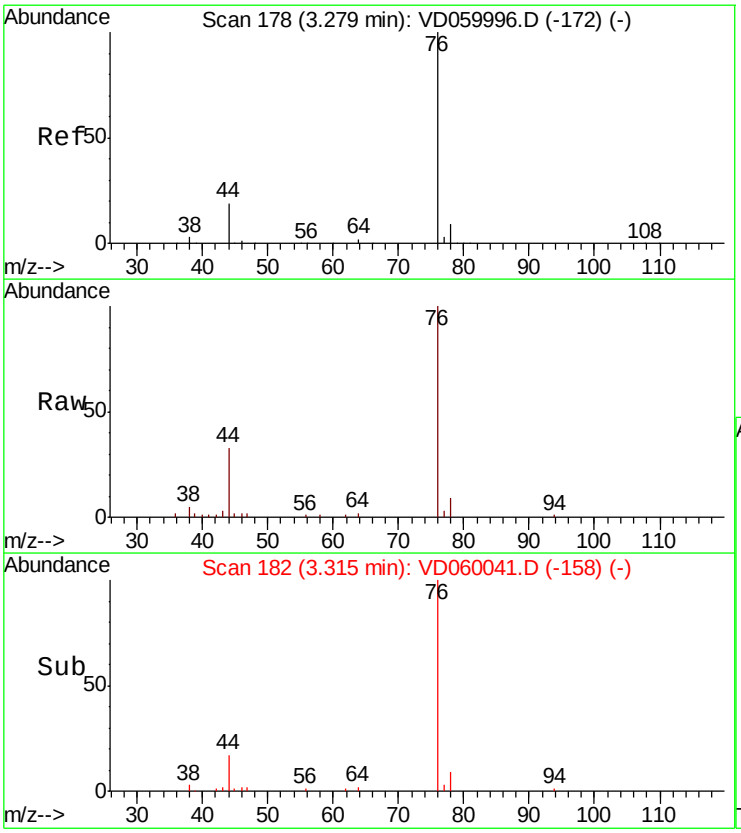
#16
Acetone
Concen: 119.182 ug/l
RT: 3.16 min Scan# 166
Delta R.T. 0.03 min
Lab File: VD060041.D
Acq: 19 Sep 2018 14:08

Instrument : MSVOA_D
ClientSampleId : VNJ-220RE

Tgt Ion: 43 Resp: 198614

Ion	Ratio	Lower	Upper
43	100		
58	20.4	18.1	27.1

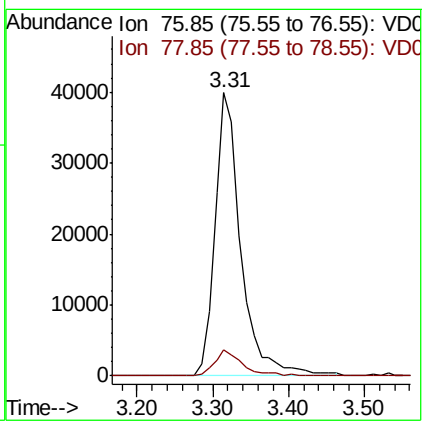


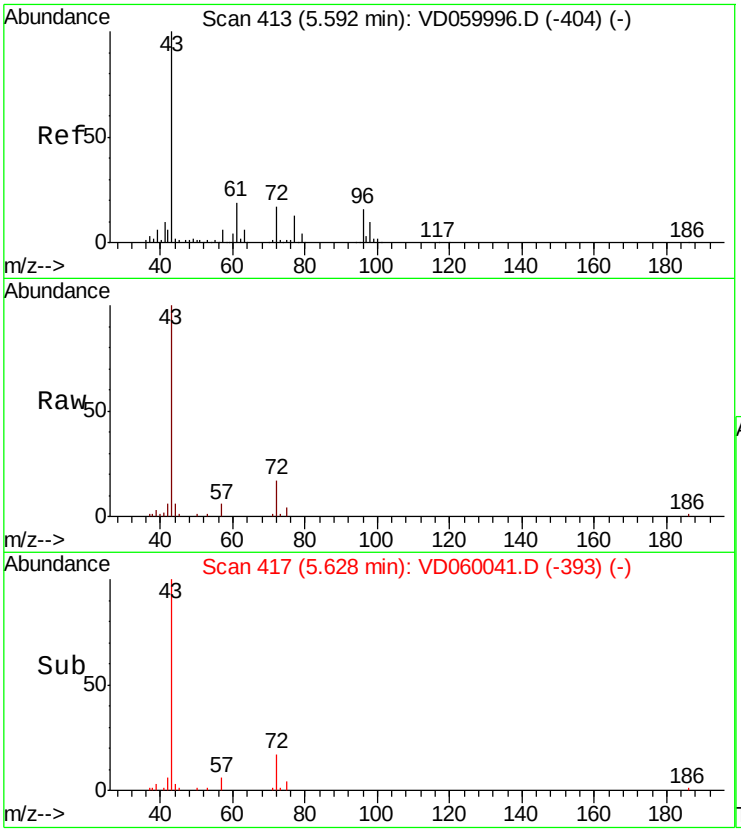


#17
Carbon Disulfide
Concen: 6.063 ug/l
RT: 3.31 min Scan# 182
Delta R.T. 0.04 min
Lab File: VD060041.D
Acq: 19 Sep 2018 14:08

Tgt Ion: 76 Resp: 95133

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.0	10.4



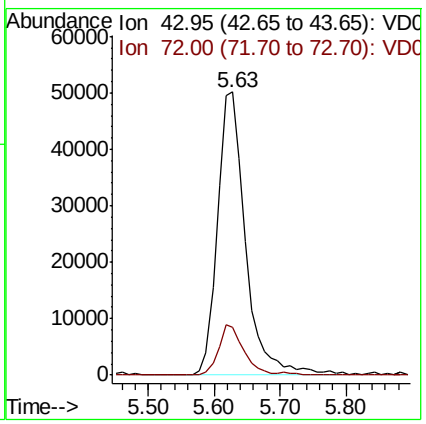


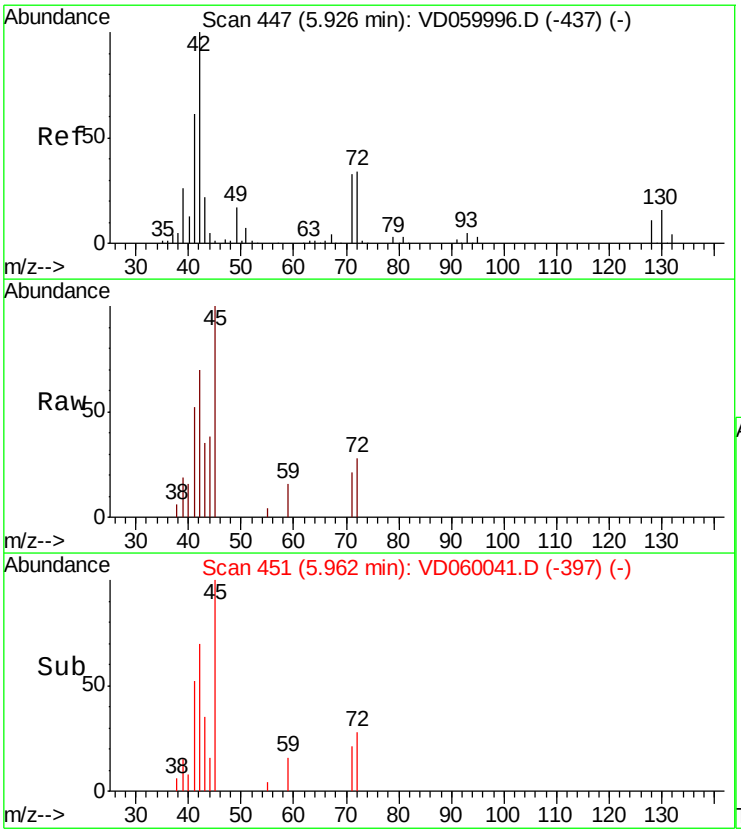
#25
2-Butanone
Concen: 33.143 ug/l
RT: 5.63 min Scan# 417
Delta R.T. 0.04 min
Lab File: VD060041.D
Acq: 19 Sep 2018 14:08

Instrument :
MSVOA_D
ClientSampleId :
VNJ-220RE

Tgt Ion: 43 Resp: 149042

Ion	Ratio	Lower	Upper
43	100		
72	16.7	13.6	20.4

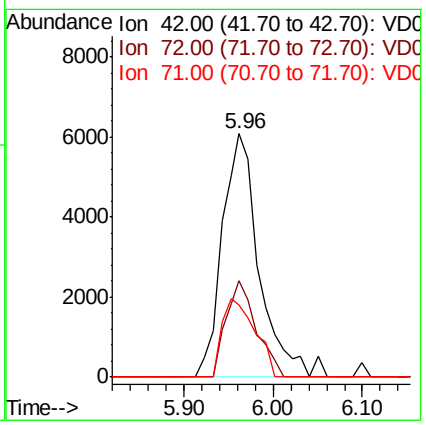


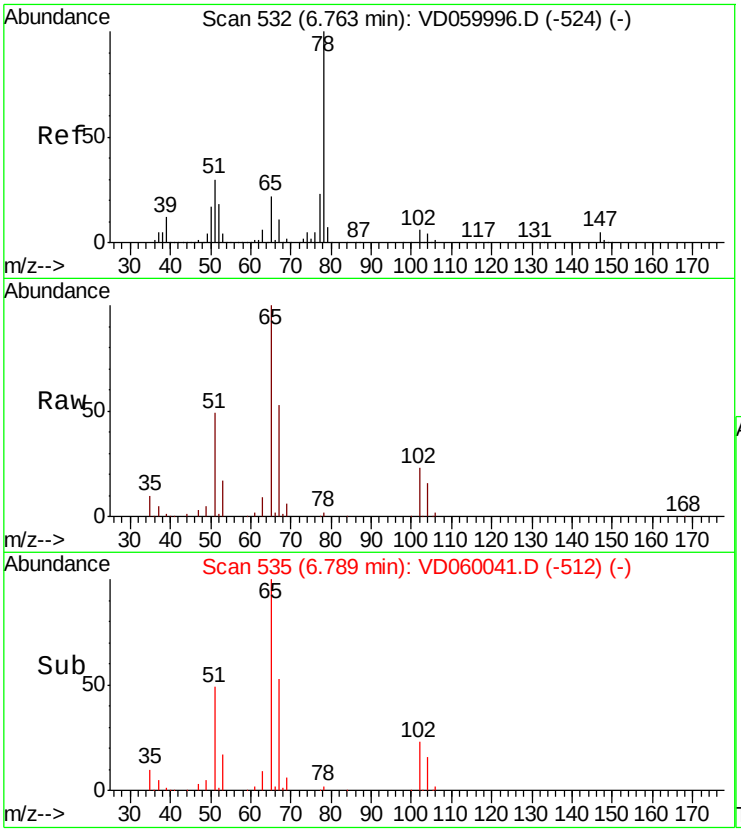


#29
Tetrahydrofuran
Concen: 7.327 ug/l
RT: 5.96 min Scan# 451
Delta R.T. 0.04 min
Lab File: VD060041.D
Acq: 19 Sep 2018 14:08

Tgt Ion: 42 Resp: 17670

Ion	Ratio	Lower	Upper
42	100		
72	32.3	26.9	40.3
71	28.4	26.2	39.4



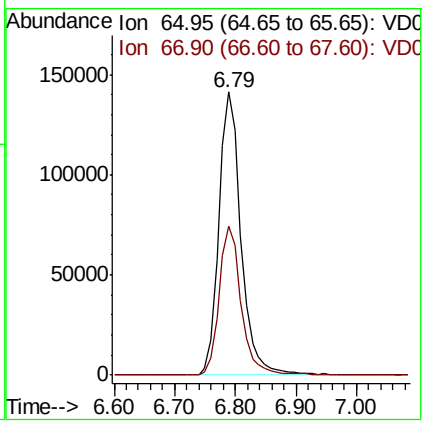


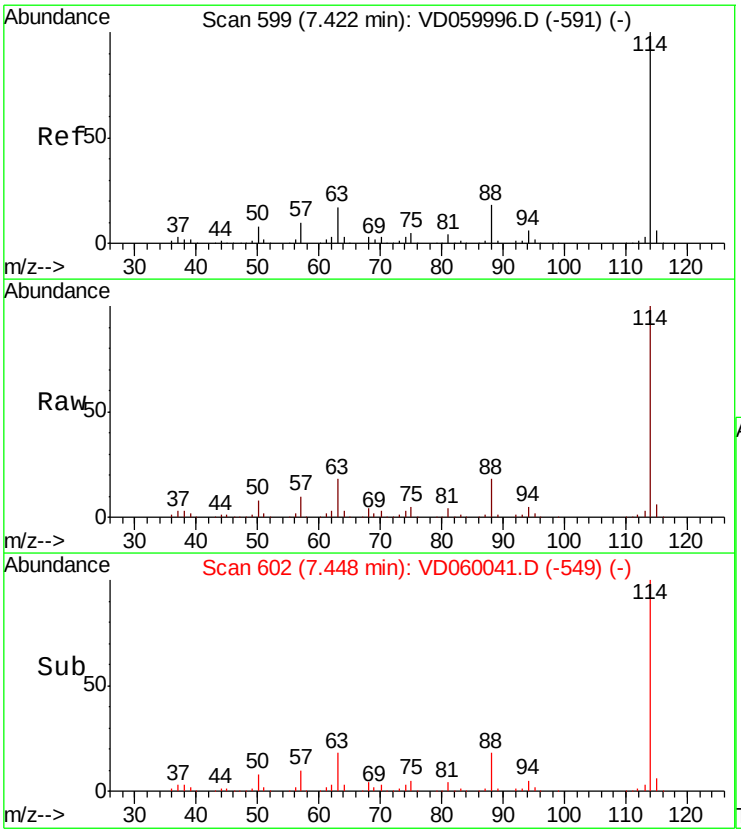
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. 0.03 min
Lab File: VD060041.D
Acq: 19 Sep 2018 14:08

Instrument :
MSVOA_D
ClientSampleId :
VNJ-220RE

Tgt Ion: 65 Resp: 359630

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	104.8

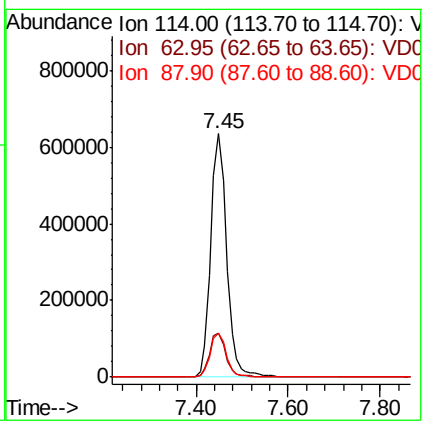


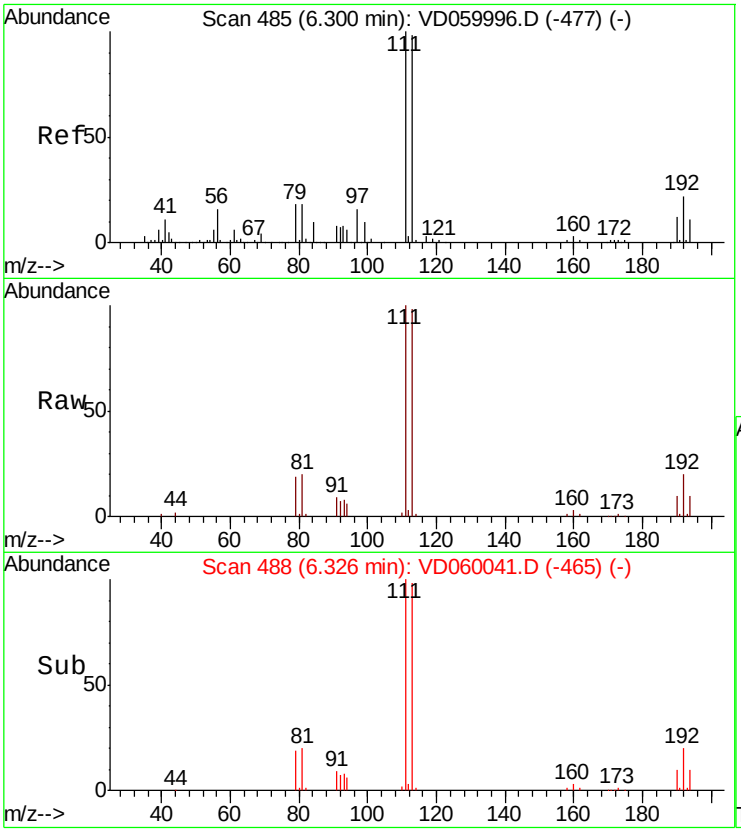


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.45 min Scan# 602
Delta R.T. 0.03 min
Lab File: VD060041.D
Acq: 19 Sep 2018 14:08

Tgt Ion:114 Resp: 1518303

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



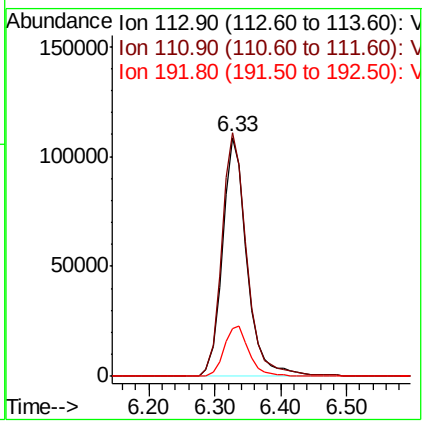


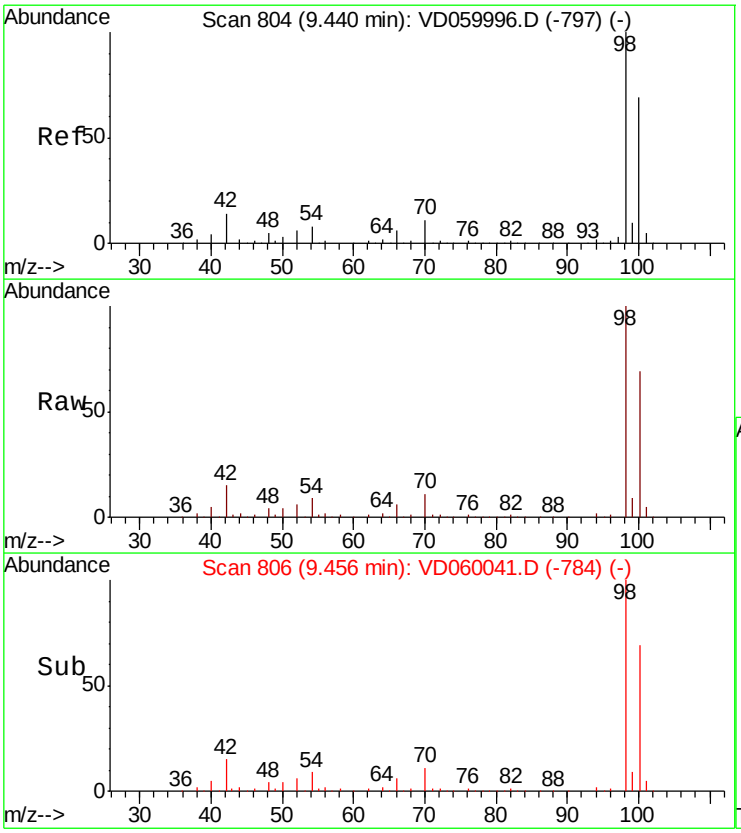
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.33 min Scan# 488
Delta R.T. 0.03 min
Lab File: VD060041.D
Acq: 19 Sep 2018 14:08

Instrument : MSVOA_D
ClientSampleId : VNJ-220RE

Tgt Ion:113 Resp: 281972

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.3	121.9
192	19.9	18.1	27.1

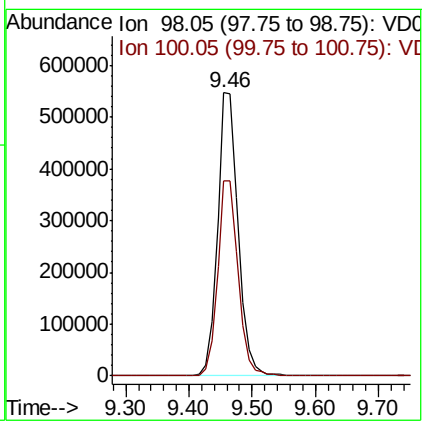


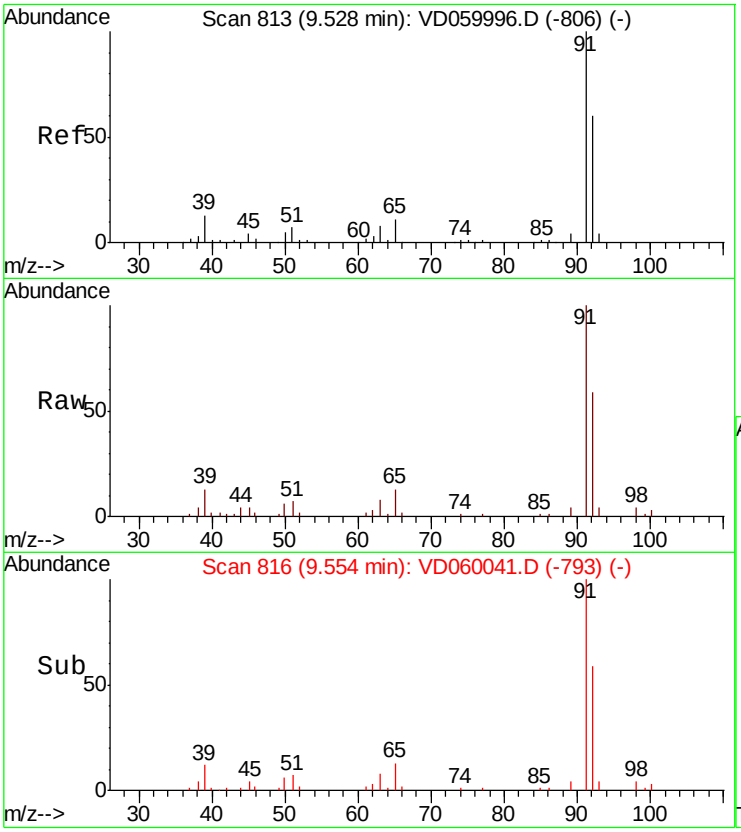


#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 806
Delta R.T. 0.02 min
Lab File: VD060041.D
Acq: 19 Sep 2018 14:08

Tgt Ion: 98 Resp: 1247510

Ion	Ratio	Lower	Upper
98	100		
100	68.9	55.8	83.6



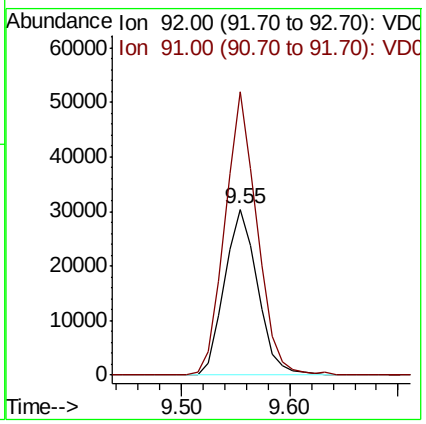


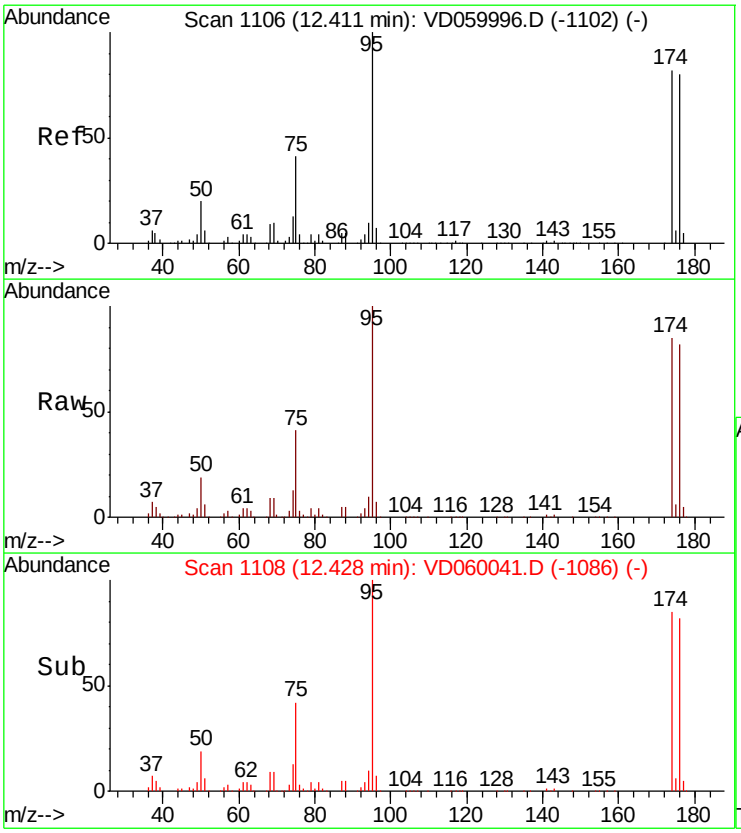
#52
Toluene
Concen: 2.629 ug/l
RT: 9.55 min Scan# 816
Delta R.T. 0.03 min
Lab File: VD060041.D
Acq: 19 Sep 2018 14:08

Instrument : MSVOA_D
ClientSampleId : VNJ-220RE

Tgt Ion: 92 Resp: 64782

Ion	Ratio	Lower	Upper
92	100		
91	170.3	132.3	198.5

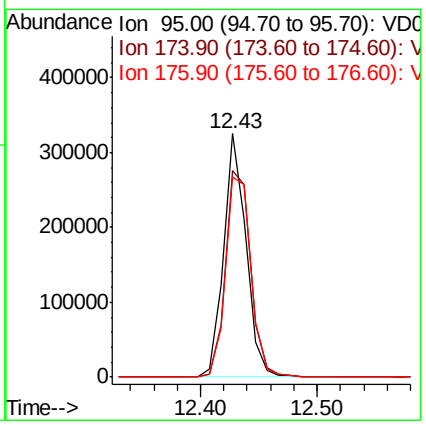


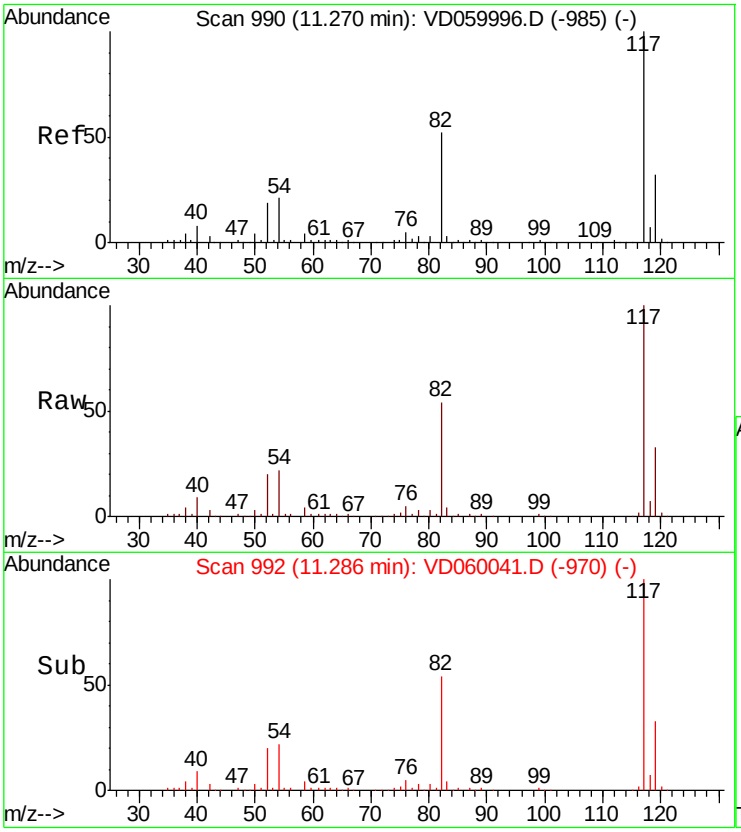


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.02 min
Lab File: VD060041.D
Acq: 19 Sep 2018 14:08

Tgt Ion: 95 Resp: 432362

Ion	Ratio	Lower	Upper
95	100		
174	84.6	0.0	165.0
176	82.4	0.0	160.2



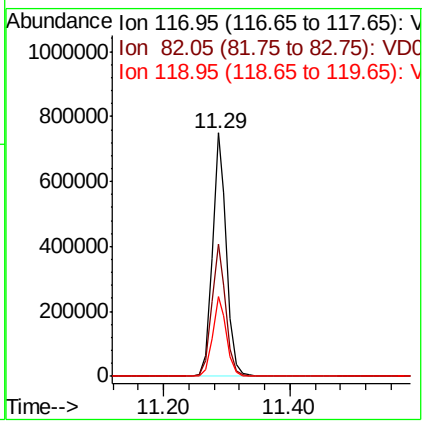


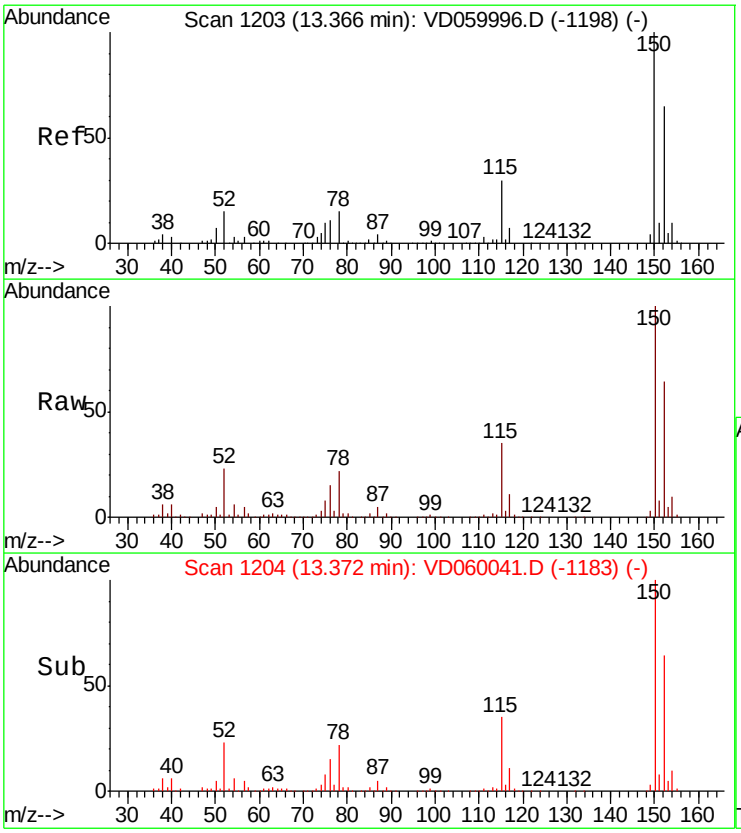
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060041.D
Acq: 19 Sep 2018 14:08

Instrument : MSVOA_D
ClientSampleId : VNJ-220RE

Tgt Ion:117 Resp: 1178271

Ion	Ratio	Lower	Upper
117	100		
82	54.3	41.7	62.5
119	32.9	26.0	39.0

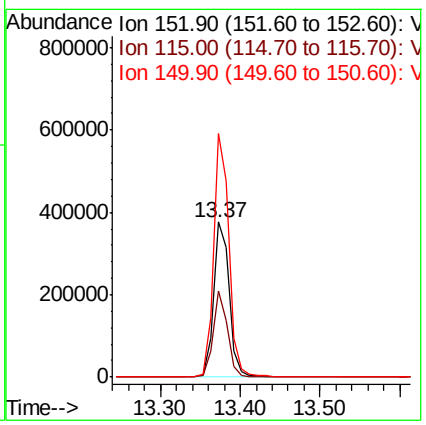


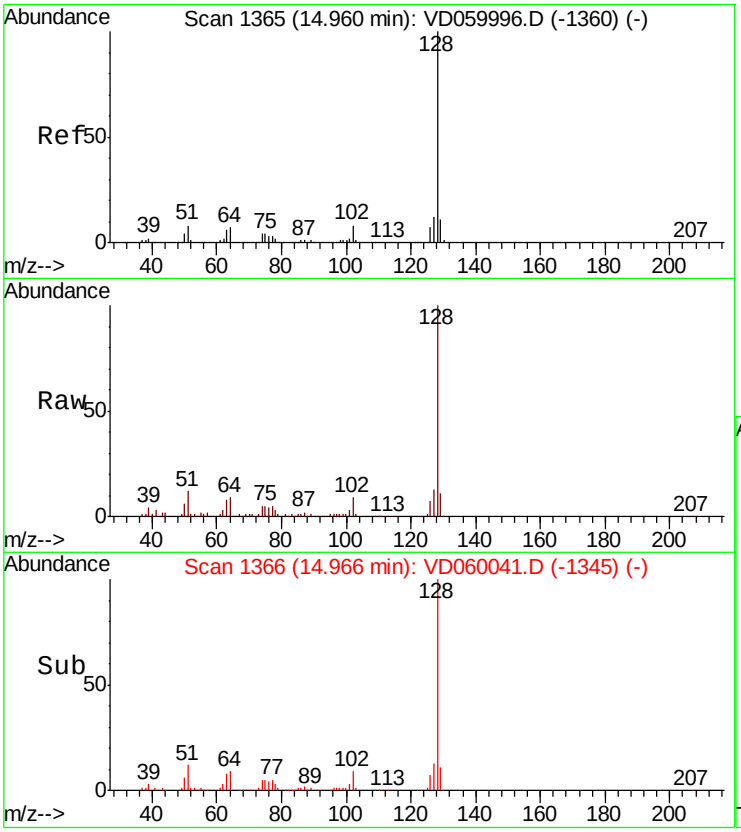


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060041.D
Acq: 19 Sep 2018 14:08

Tgt Ion:152 Resp: 518640

Ion	Ratio	Lower	Upper
152	100		
115	55.7	24.6	73.8
150	157.1	0.0	313.4





#95
Naphthalene
Concen: 8.376 ug/l
RT: 14.97 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VD060041.D
Acq: 19 Sep 2018 14:08

Instrument :
MSVOA_D
ClientSampleId :
VNJ-220RE

Tgt Ion:128 Resp: 157065

Ion	Ratio	Lower	Upper
128	100		
127	12.6	9.7	14.5
129	10.5	8.9	13.3