Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD091718\
Data File : VD060022.D
Acq On : 17 Sep 2018 15:37
Operator : JC/SY
Sample : J4773-01RE
Misc : 6.58g/5ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : CL-01-091418-ARE

Quant Time: Sep 18 04:54:21 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	1300391	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	1835556	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	1409740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	605482	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	462727	45.63	ug/l	0.02
Spiked Amount 50.000			Recovery = 91.26%			
35) Dibromofluoromethane	6.32	113	617772	43.08	ug/l	0.02
Spiked Amount 50.000			Recovery = 86.16%			
50) Toluene-d8	9.45	98	1669234	42.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.00%			
62) 4-Bromofluorobenzene	12.42	95	568711	37.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 74.92%			
Target Compounds						Qvalue
16) Acetone	3.15	43	100478	51.32	ug/l	99
20) Methylene Chloride	3.71	84	141971	3.49	ug/l	98
25) 2-Butanone	5.61	43	31962	6.05	ug/l	99
40) Benzene	6.78	78	52238	1.12	ug/l	95
52) Toluene	9.55	92	53193	1.79	ug/l	99
68) m/p-Xylenes	11.55	106	22677	1.26	ug/l	89
95) Naphthalene	14.97	128	452946	20.69	ug/l	99

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

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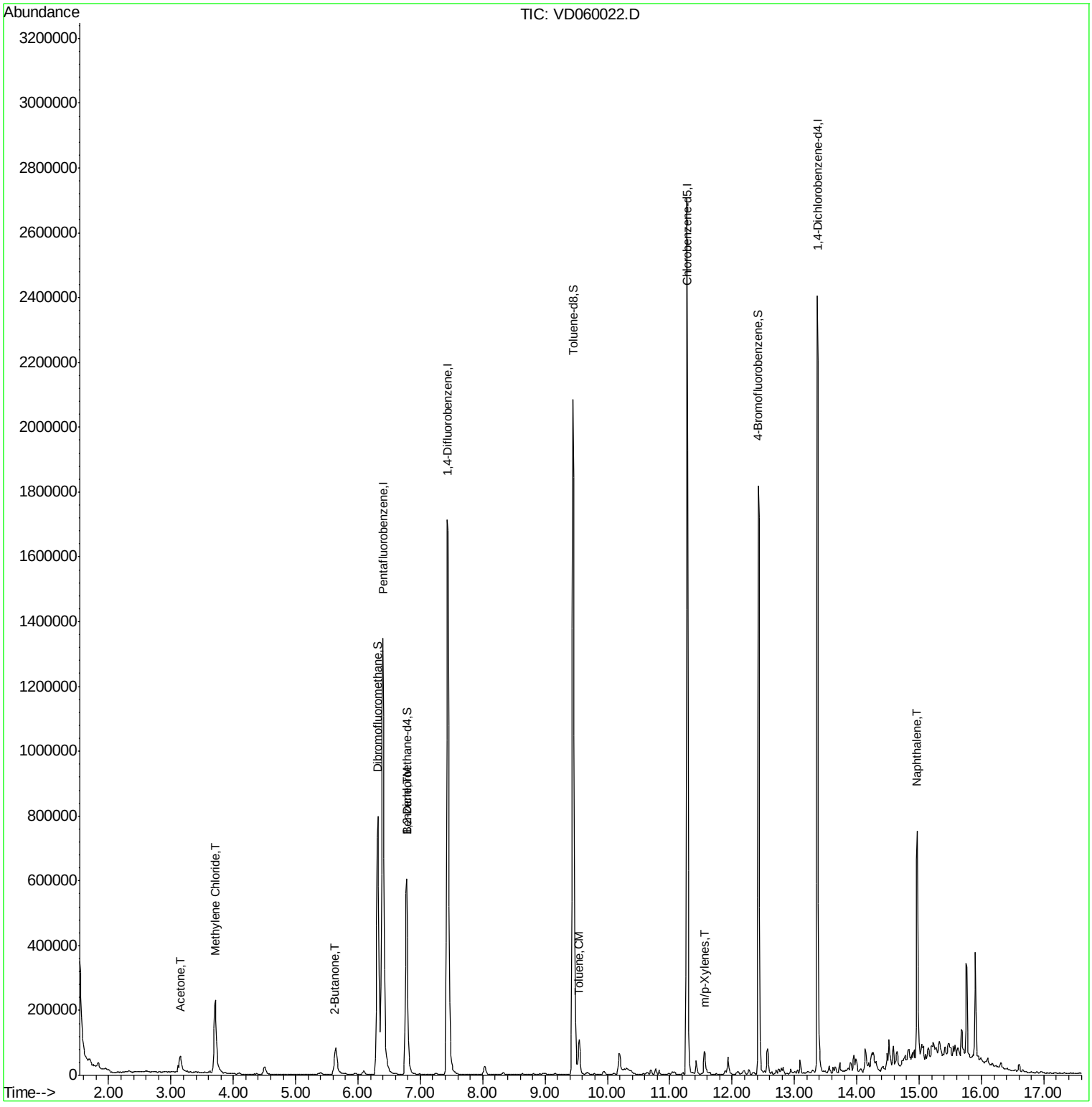
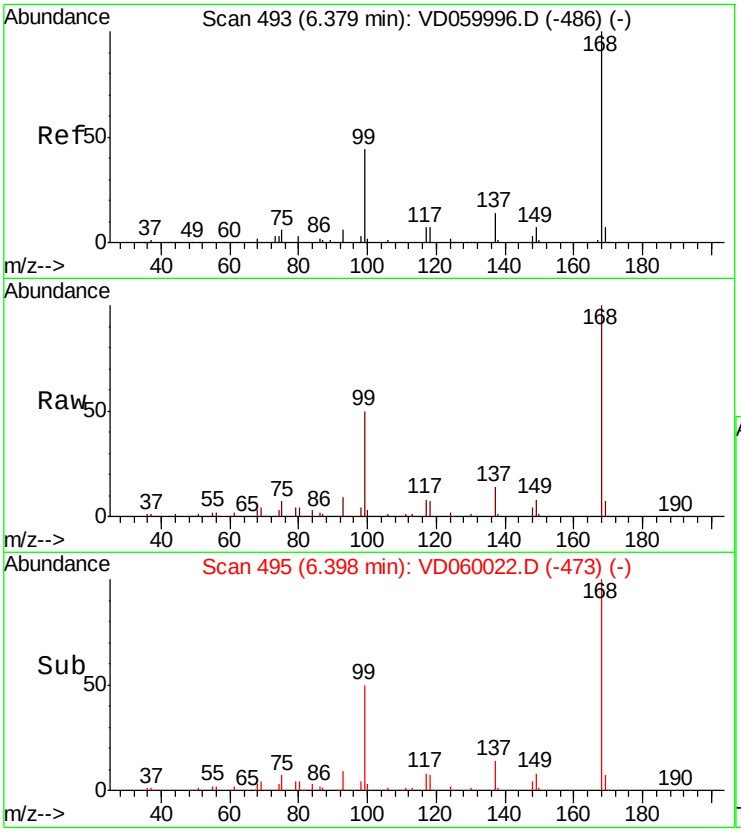
Response via : Initial Calibration



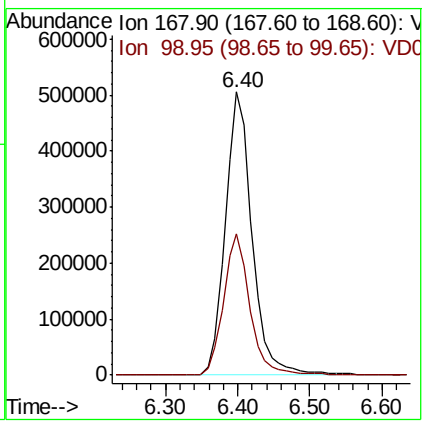


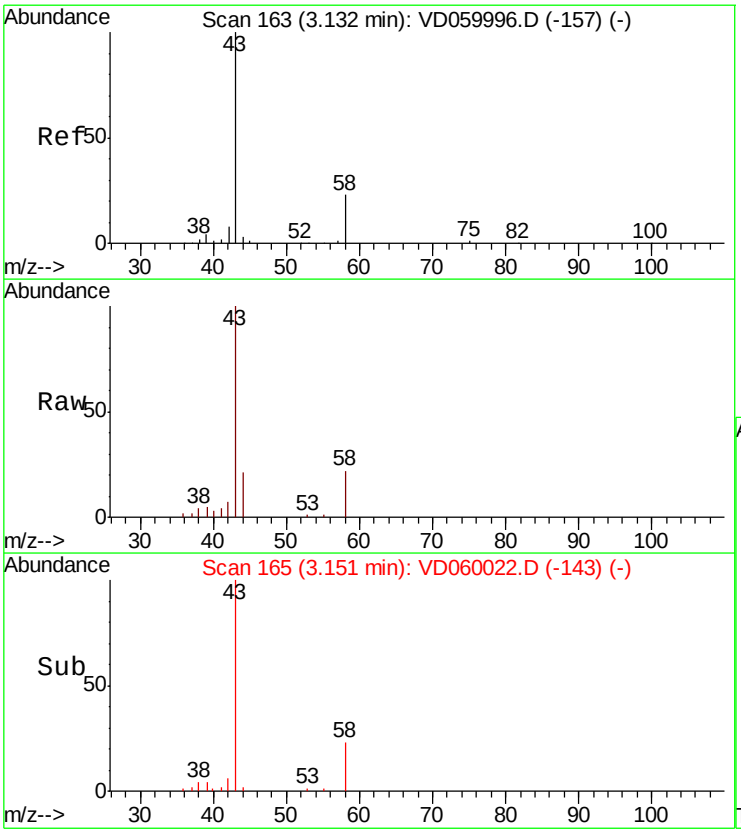
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 6.40 min Scan# 495
Delta R.T. 0.02 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Instrument :
MSVOA_D
ClientSampleId :
CL-01-091418-ARE

Tgt Ion:168 Resp: 1300391

Ion	Ratio	Lower	Upper
168	100		
99	49.7	38.5	57.7

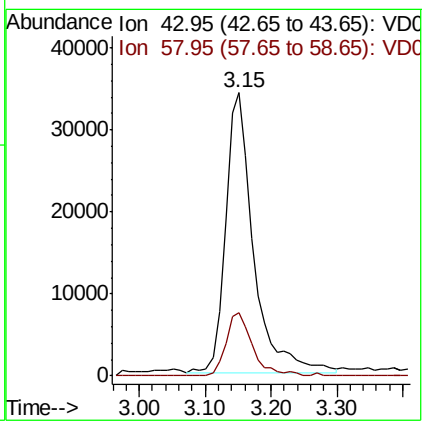


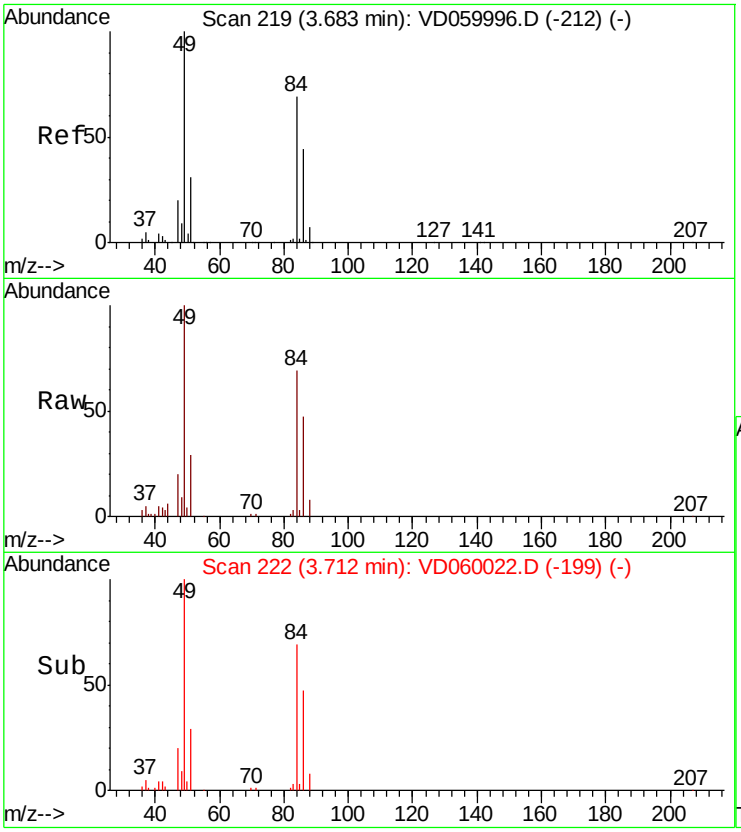


#16
Acetone
Concen: 51.32 ug/l
RT: 3.15 min Scan# 165
Delta R.T. 0.02 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Tgt Ion: 43 Resp: 100478

Ion	Ratio	Lower	Upper
43	100		
58	22.3	18.1	27.1



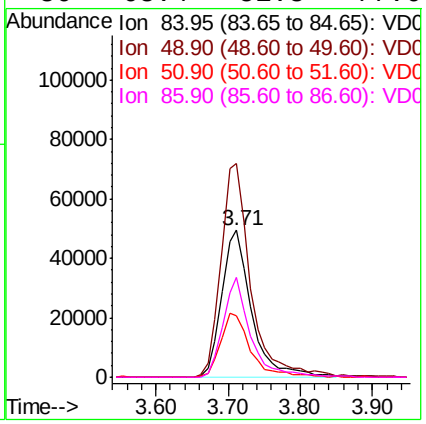


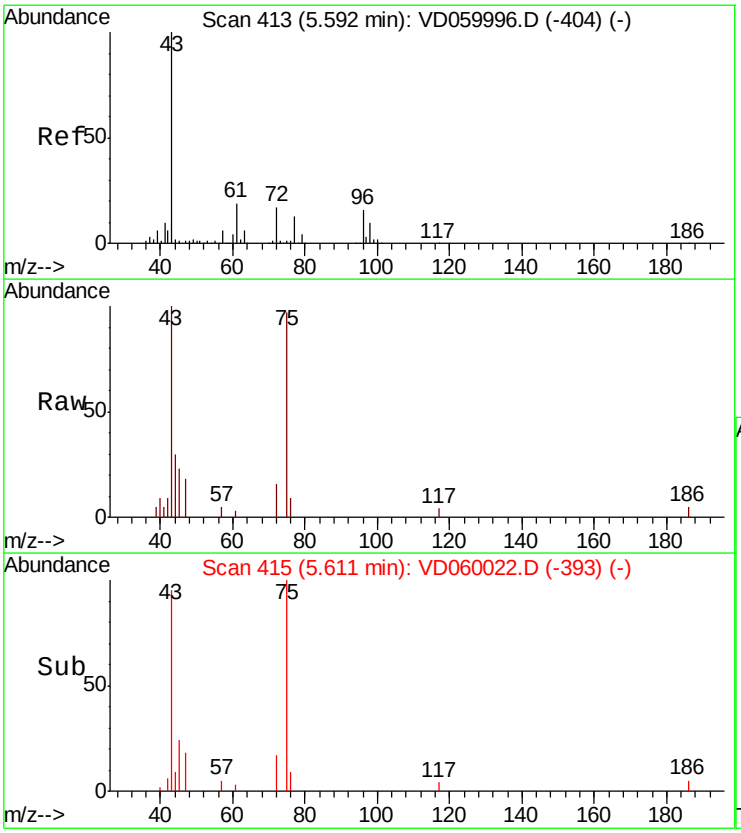
#20
Methylene Chloride
Concen: 3.49 ug/l
RT: 3.71 min Scan# 222
Delta R.T. 0.03 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Instrument : MSVOA_D
ClientSampleId : CL-01-091418-ARE

Tgt Ion: 84 Resp: 141971

Ion	Ratio	Lower	Upper
84	100		
49	145.4	116.6	175.0
51	41.7	35.9	53.9
86	68.4	51.8	77.6

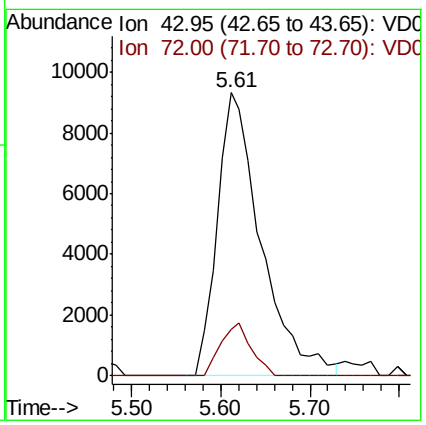


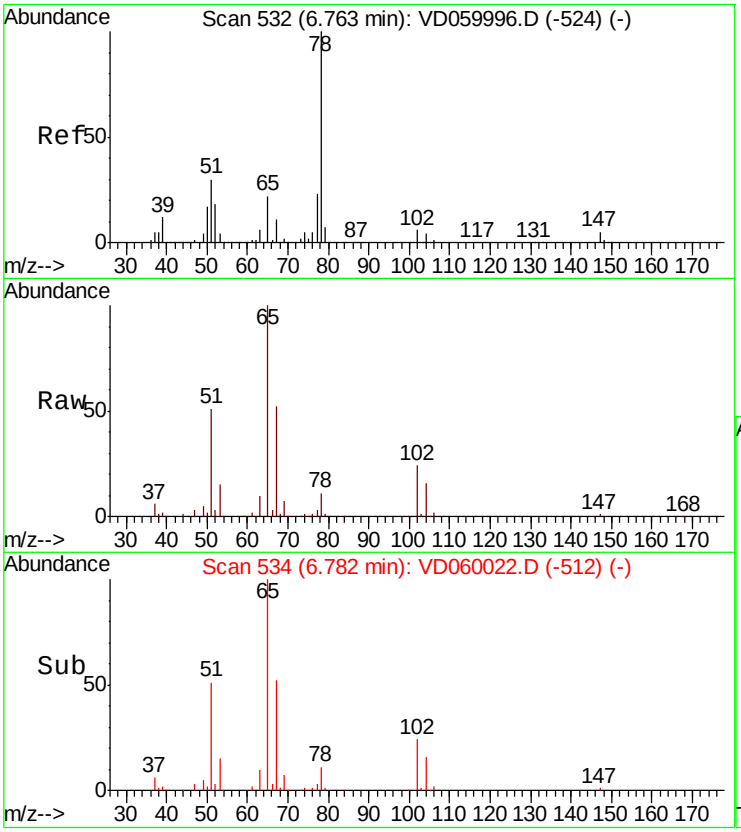


#25
2-Butanone
Concen: 6.05 ug/l
RT: 5.61 min Scan# 415
Delta R.T. 0.02 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Tgt Ion: 43 Resp: 31962

Ion	Ratio	Lower	Upper
43	100		
72	16.4	13.6	20.4



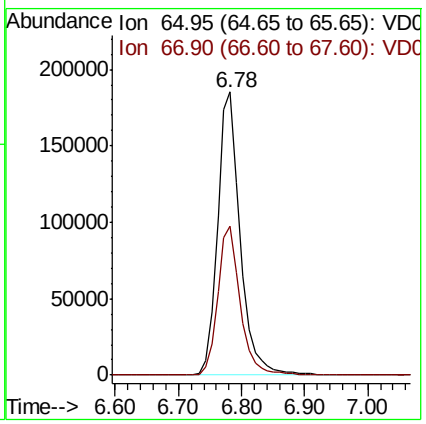


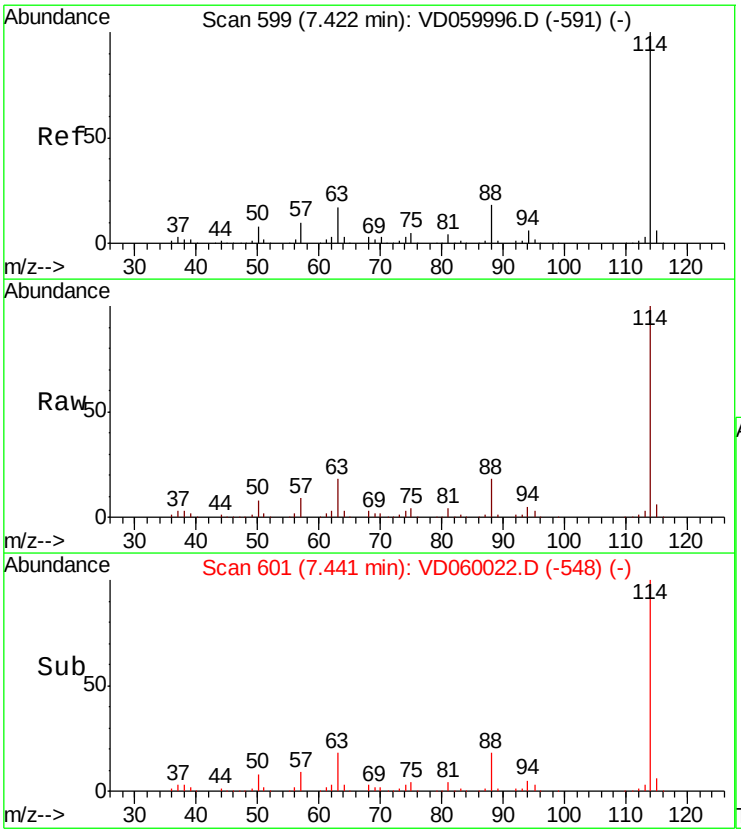
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.78 min Scan# 534
Delta R.T. 0.02 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Instrument :
MSVOA_D
ClientSampleId :
CL-01-091418-ARE

Tgt Ion: 65 Resp: 462727

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.8

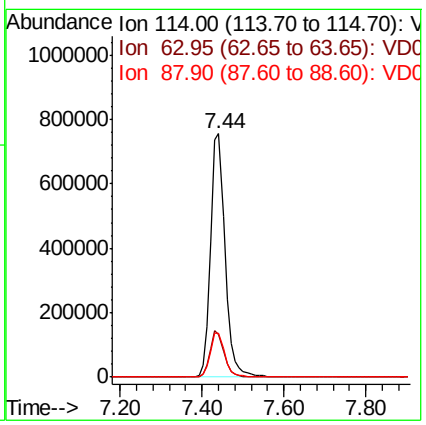


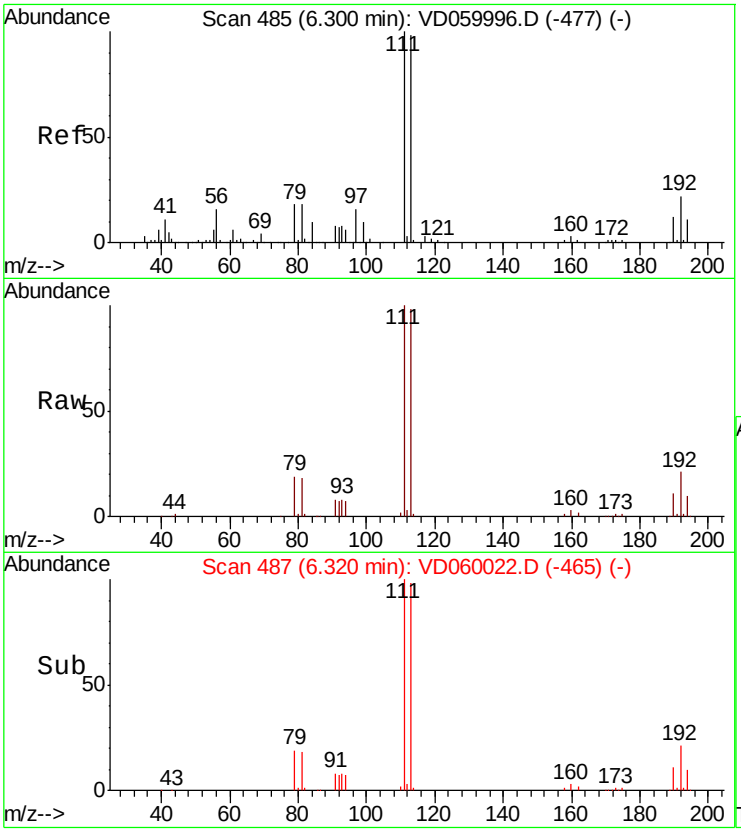


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 7.44 min Scan# 601
Delta R.T. 0.02 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Tgt Ion:114 Resp: 1835556

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	34.4
88	18.3	0.0	35.8



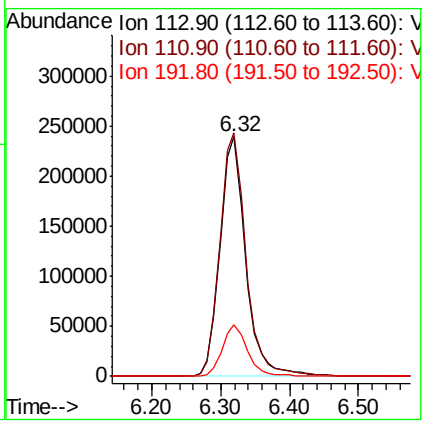


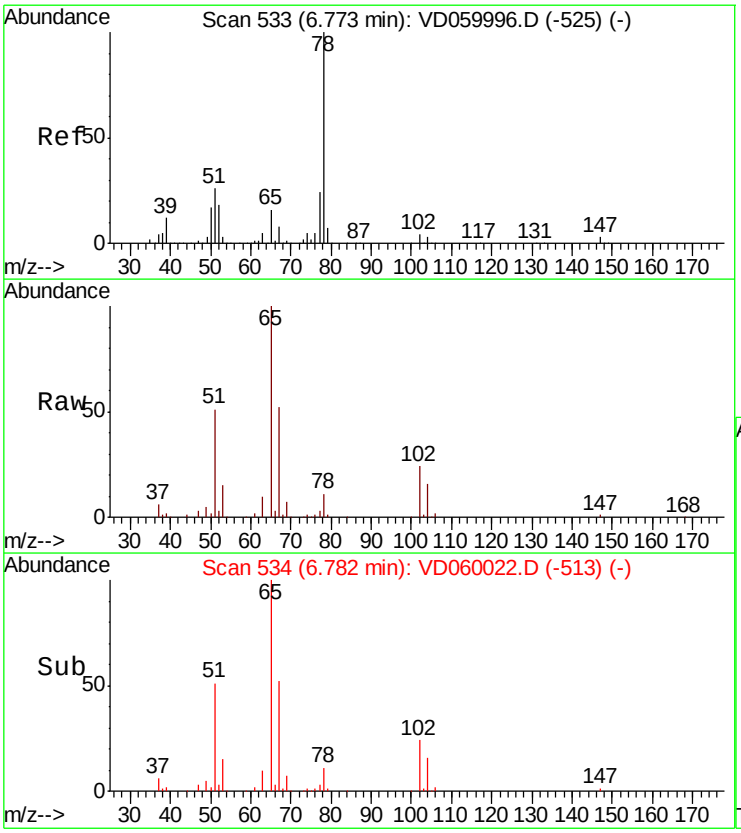
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 6.32 min Scan# 487
Delta R.T. 0.02 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Instrument :
MSVOA_D
ClientSampleId :
CL-01-091418-ARE

Tgt Ion:113 Resp: 617772

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.3	121.9
192	21.6	18.1	27.1

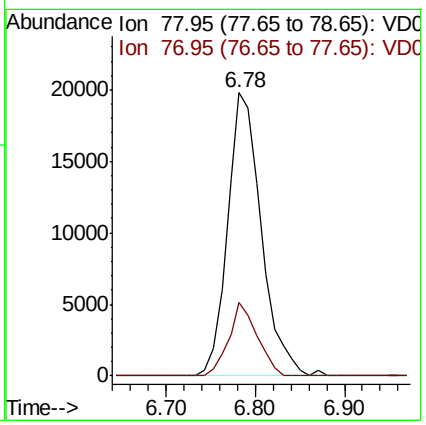


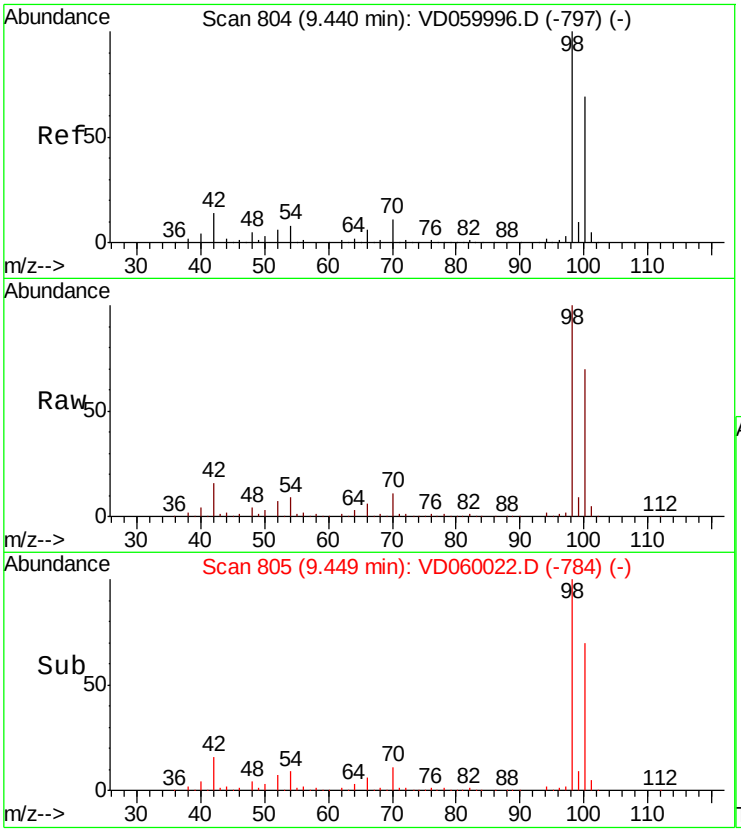


#40
Benzene
Concen: 1.12 ug/l
RT: 6.78 min Scan# 534
Delta R.T. 0.01 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Tgt Ion: 78 Resp: 52238

Ion	Ratio	Lower	Upper
78	100		
77	25.9	19.0	28.4



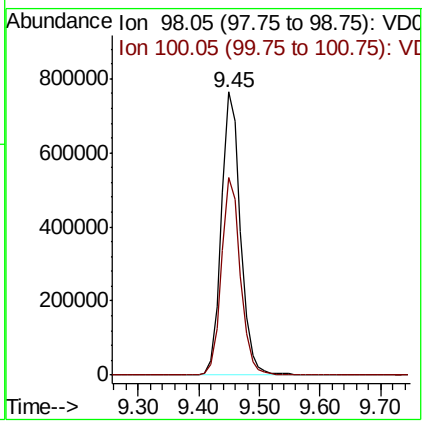


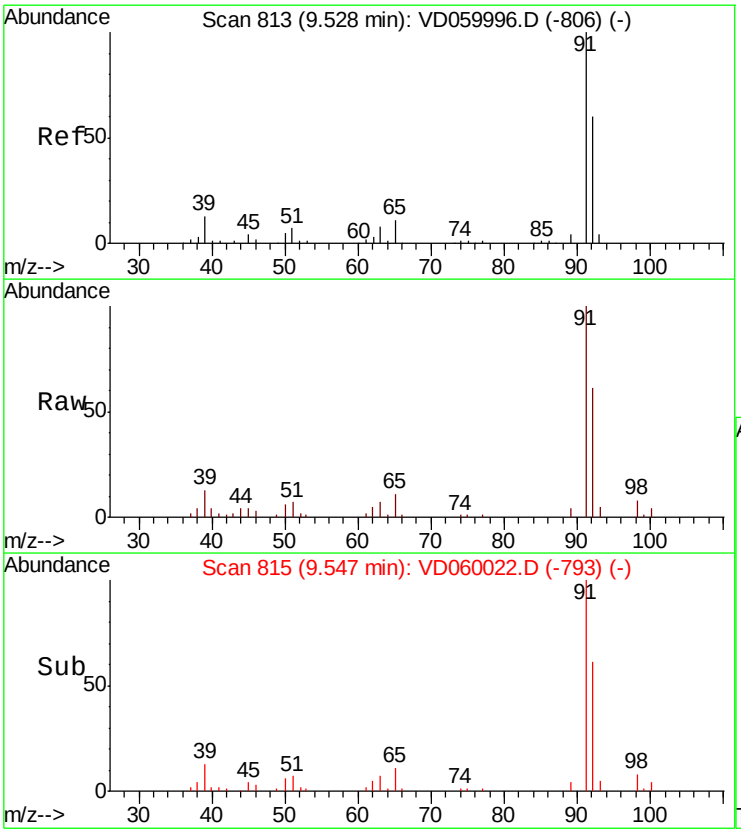
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 805
Delta R.T. 0.01 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Instrument :
MSVOA_D
ClientSampleId :
CL-01-091418-ARE

Tgt Ion: 98 Resp: 1669234

Ion	Ratio	Lower	Upper
98	100		
100	69.7	55.8	83.6

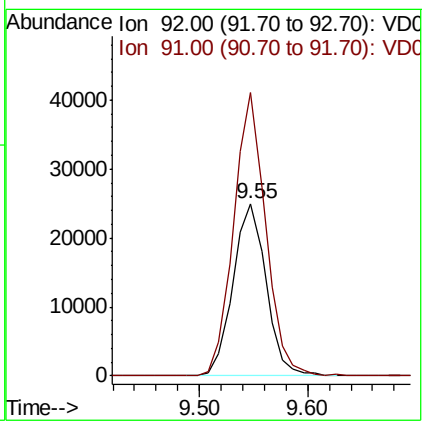


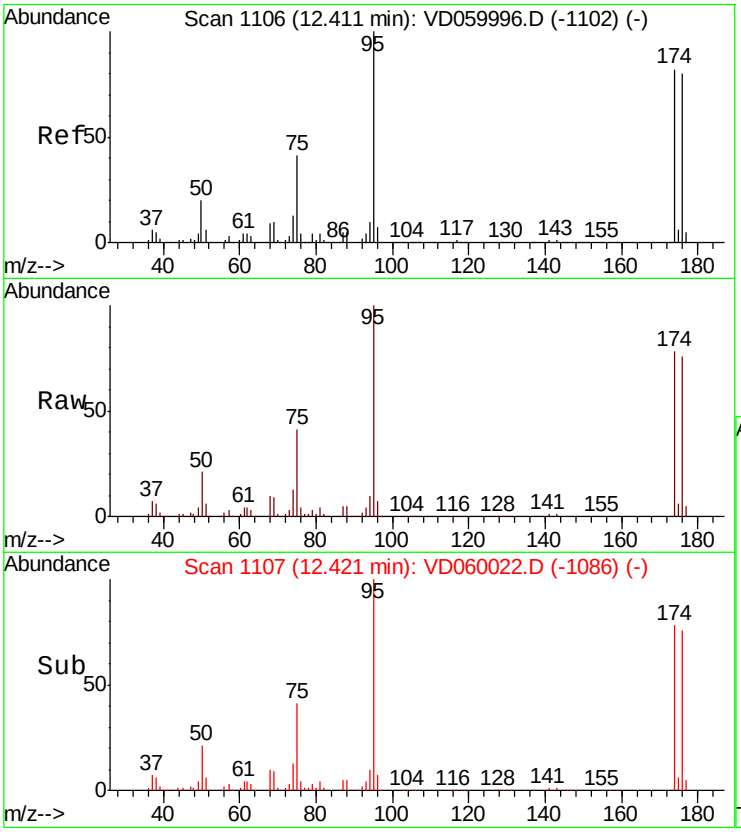


#52
Toluene
Concen: 1.79 ug/l
RT: 9.55 min Scan# 815
Delta R.T. 0.02 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Tgt Ion: 92 Resp: 53193

Ion	Ratio	Lower	Upper
92	100		
91	164.0	132.3	198.5



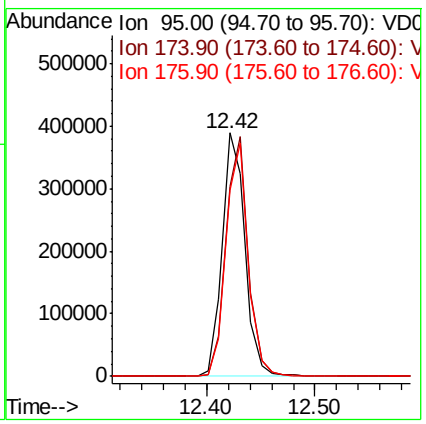


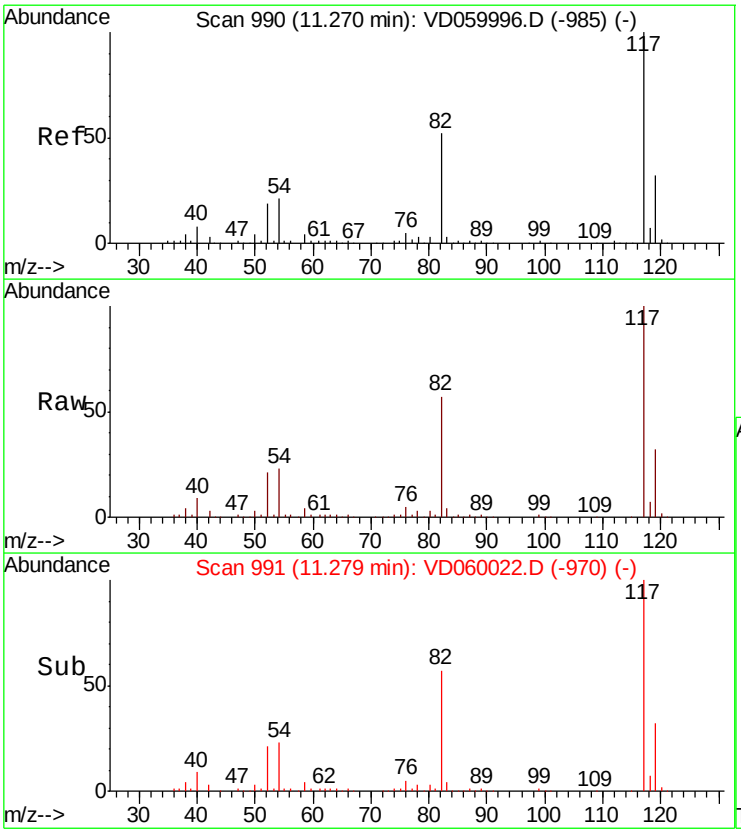
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Instrument :
MSVOA_D
ClientSampleId :
CL-01-091418-ARE

Tgt Ion: 95 Resp: 568711

Ion	Ratio	Lower	Upper
95	100		
174	78.0	0.0	165.0
176	76.2	0.0	160.2

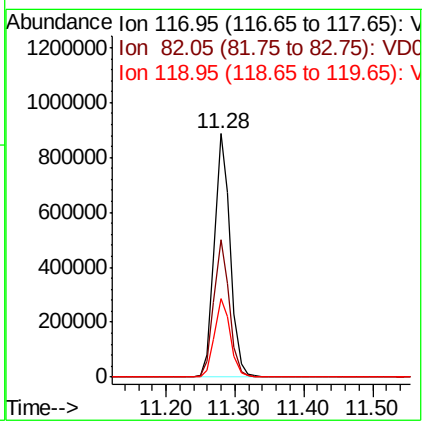


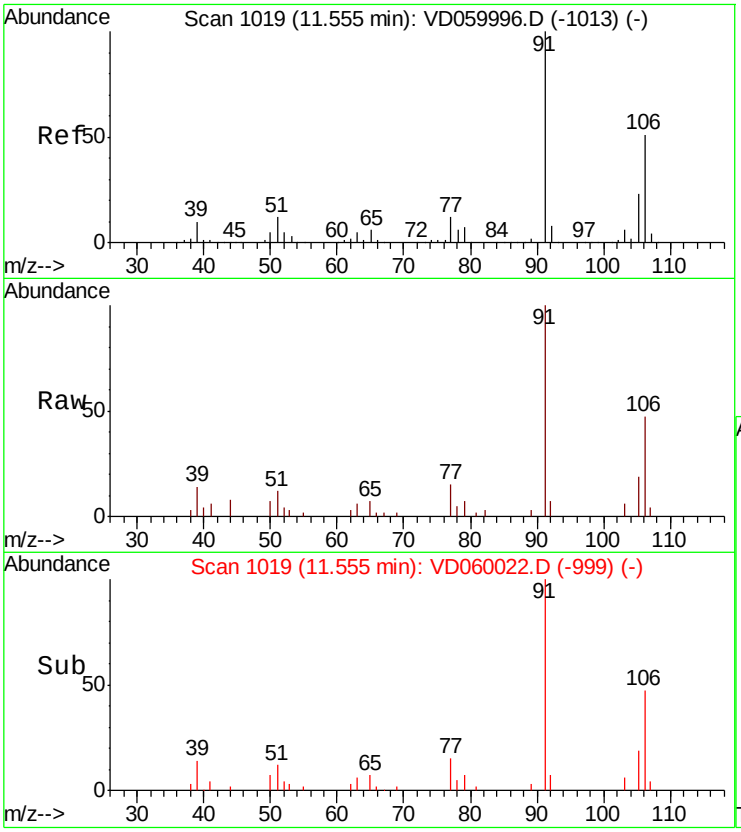


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.28 min Scan# 991
Delta R.T. 0.01 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Tgt Ion:117 Resp: 1409740

Ion	Ratio	Lower	Upper
117	100		
82	56.5	41.7	62.5
119	32.2	26.0	39.0



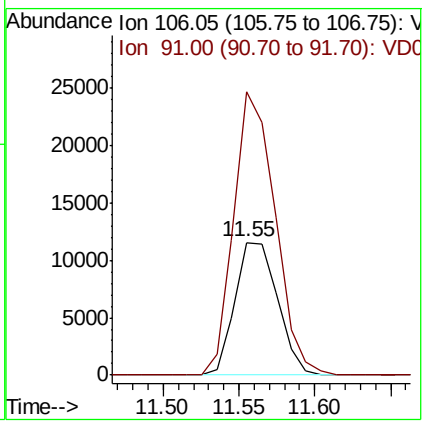


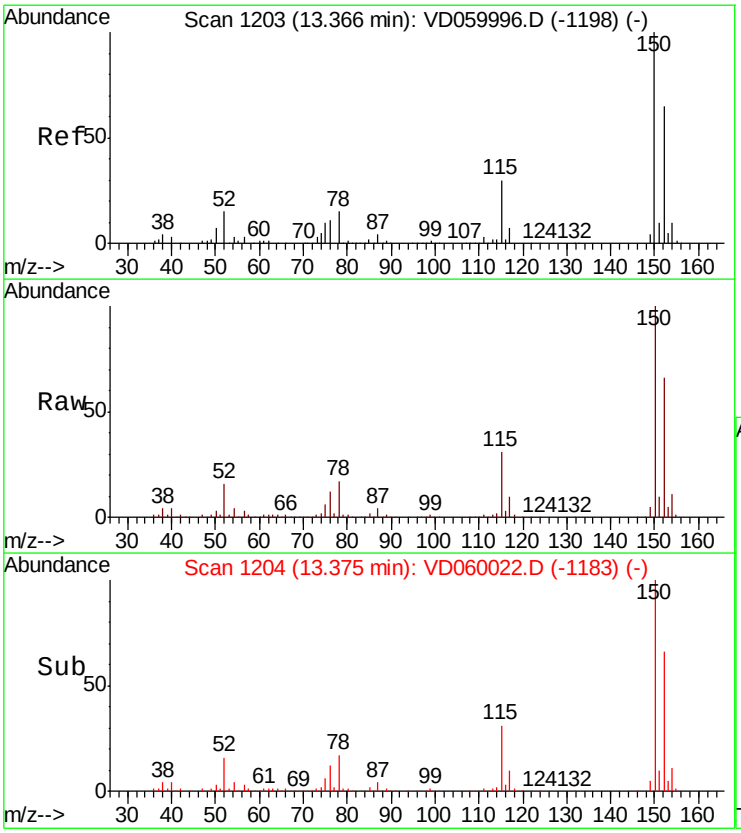
#68
m/p-Xylenes
Concen: 1.26 ug/l
RT: 11.55 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Instrument :
MSVOA_D
ClientSampleId :
CL-01-091418-ARE

Tgt Ion:106 Resp: 22677

Ion	Ratio	Lower	Upper
106	100		
91	213.1	157.0	235.6

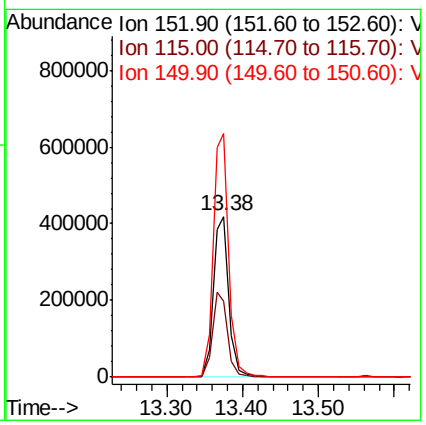


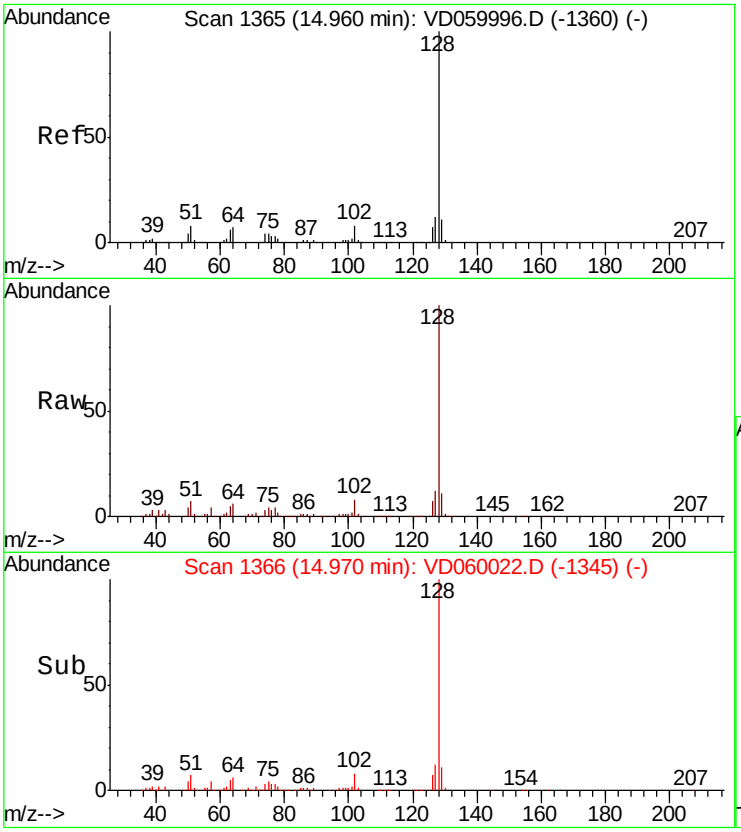


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Tgt Ion:152 Resp: 605482

Ion	Ratio	Lower	Upper
152	100		
115	47.2	24.6	73.8
150	151.2	0.0	313.4





#95
Naphthalene
Concen: 20.69 ug/l
RT: 14.97 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Instrument :
MSVOA_D
ClientSampleId :
CL-01-091418-ARE

Tgt Ion:128 Resp: 452946

Ion	Ratio	Lower	Upper
128	100		
127	11.9	9.7	14.5
129	10.8	8.9	13.3