Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062818\
Data File : VD059478.D
Acq On : 28 Jun 2018 22:32
Operator : VA/AP
Sample : J3699-01RE
Misc : 10.87g/5ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : ZER-SB-04-1-2RE

Quant Time: Jun 29 02:29:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	543817	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.70	114	712366	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	495475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	151672	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	247145	44.44	ug/l	-0.01
Spiked Amount 50.000			Recovery = 88.88%			
35) Dibromofluoromethane	5.55	113	264923	45.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.32%			
50) Toluene-d8	8.71	98	506706	37.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 74.70%			
62) 4-Bromofluorobenzene	11.93	95	166623	29.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 59.06%			
Target Compounds						Qvalue
16) Acetone	2.60	43	62059	88.42	ug/l #	86
17) Carbon Disulfide	2.75	76	12903	2.35	ug/l	97
20) Methylene Chloride	3.06	84	12867	4.33	ug/l	83
25) 2-Butanone	4.84	43	17470	11.88	ug/l	96
40) Benzene	6.02	78	24022	1.55	ug/l	97
95) Naphthalene	14.51	128	6570	1.36	ug/l #	94

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

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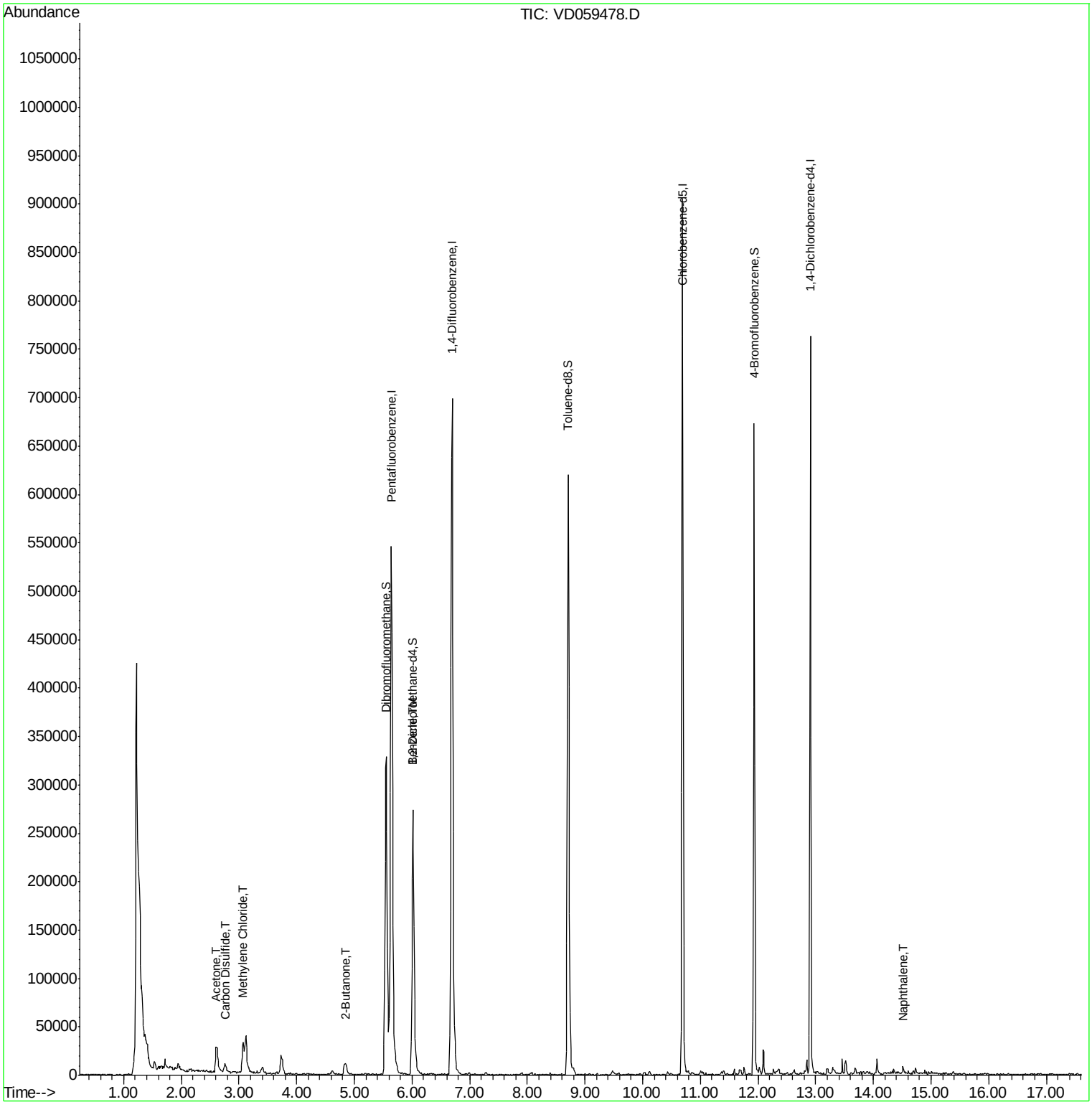
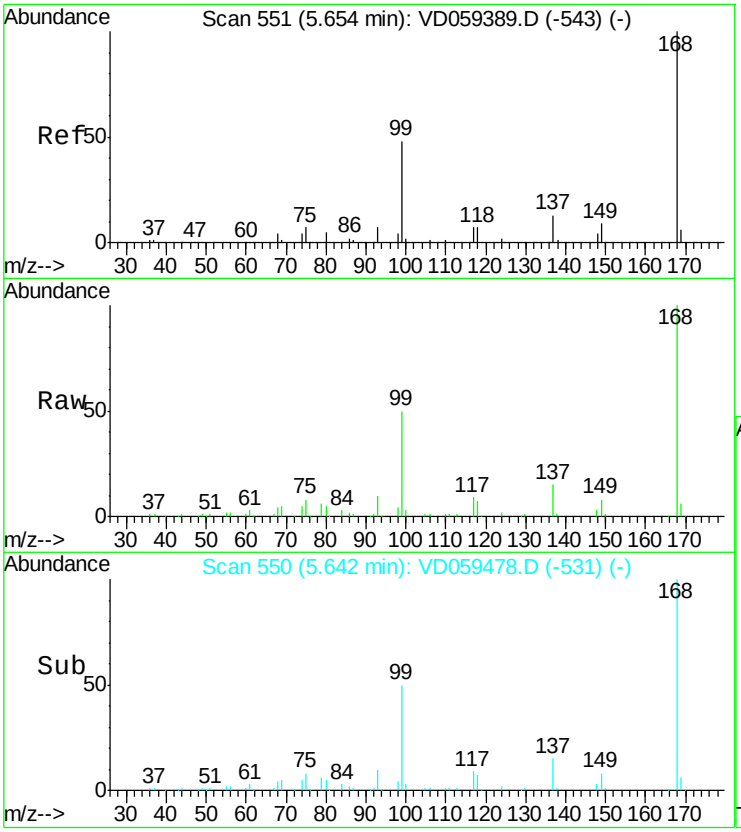
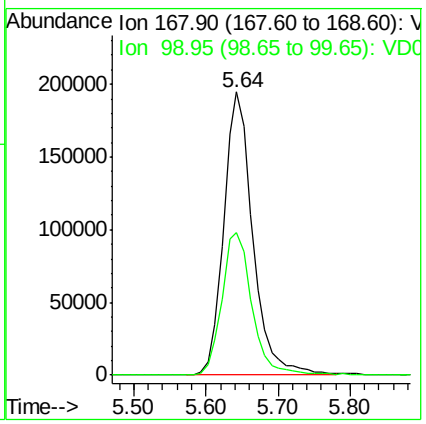




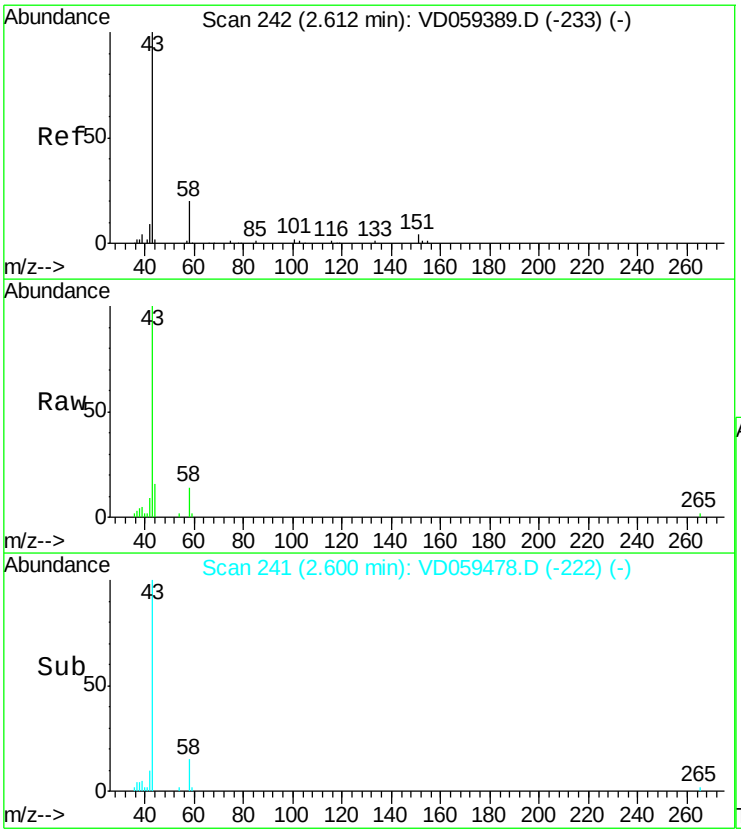
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.64 min Scan# 550
Delta R.T. -0.01 min
Lab File: VD059478.D
Acq: 28 Jun 2018 22:32

Tgt Ion:168 Resp: 543817

Ion	Ratio	Lower	Upper
168	100		
99	50.4	41.0	61.6



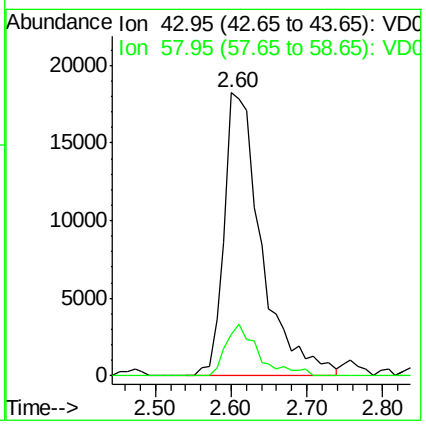
Instrument :
MSVOA_D
ClientSampleId :
ZER-SB-04-1-2RE

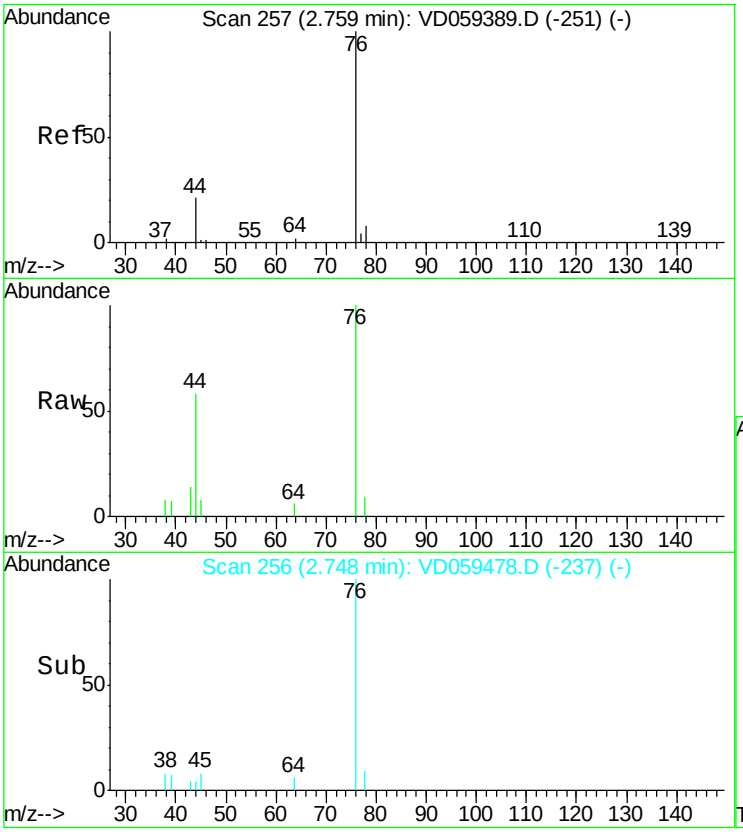


#16
Acetone
Concen: 88.42 ug/l
RT: 2.60 min Scan# 241
Delta R.T. -0.01 min
Lab File: VD059478.D
Acq: 28 Jun 2018 22:32

Tgt Ion: 43 Resp: 62059

Ion	Ratio	Lower	Upper
43	100		
58	14.5	16.8	25.2#



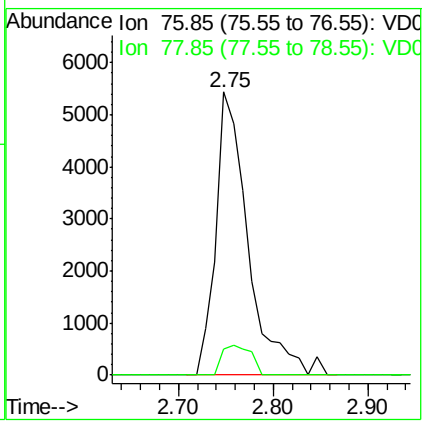


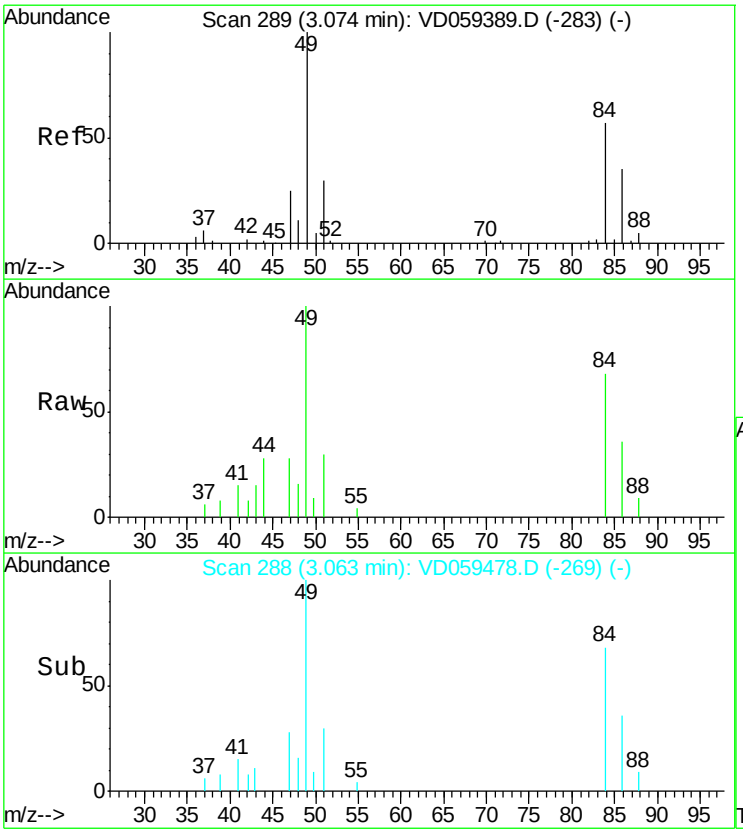
#17
Carbon Disulfide
Concen: 2.35 ug/l
RT: 2.75 min Scan# 256
Delta R.T. -0.01 min
Lab File: VD059478.D
Acq: 28 Jun 2018 22:32

Instrument : MSVOA_D
ClientSampleId : ZER-SB-04-1-2RE

Tgt Ion: 76 Resp: 12903

Ion	Ratio	Lower	Upper
76	100		
78	9.4	6.6	9.8

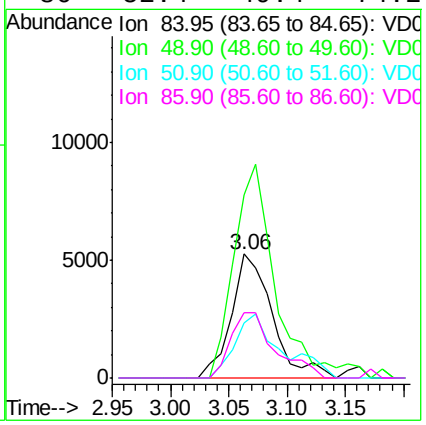


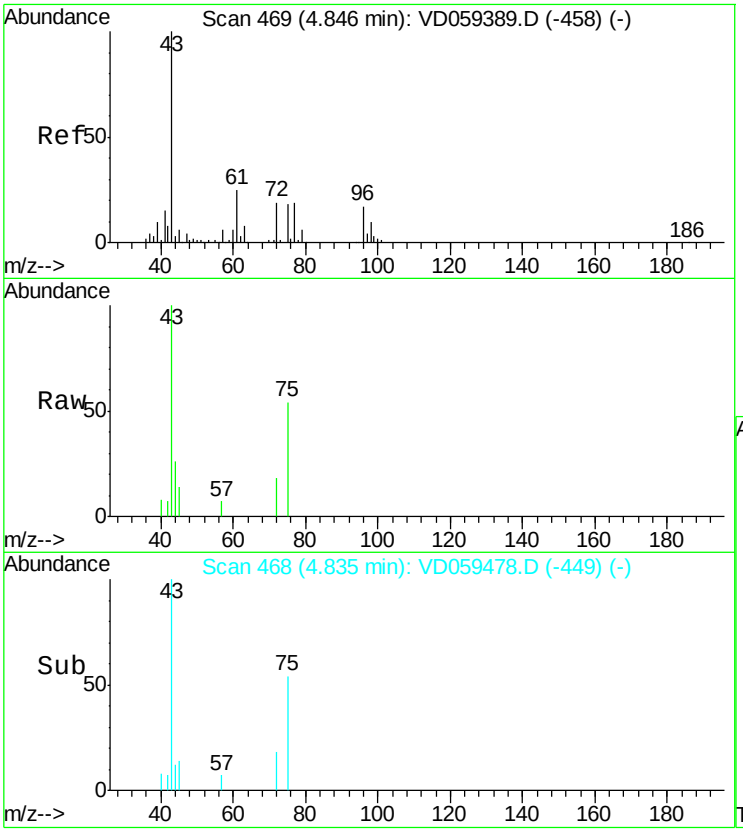


#20
Methylene Chloride
Concen: 4.33 ug/l
RT: 3.06 min Scan# 288
Delta R.T. -0.01 min
Lab File: VD059478.D
Acq: 28 Jun 2018 22:32

Tgt Ion: 84 Resp: 12867

Ion	Ratio	Lower	Upper
84	100		
49	147.6	140.3	210.5
51	44.1	41.6	62.4
86	52.4	49.4	74.2



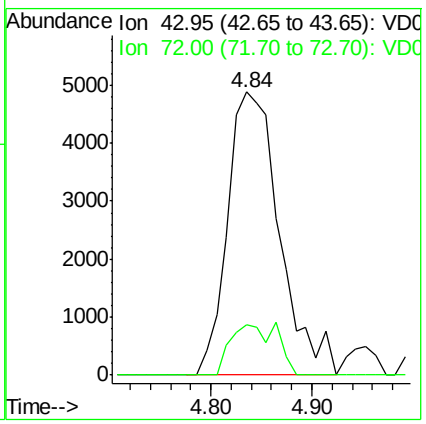


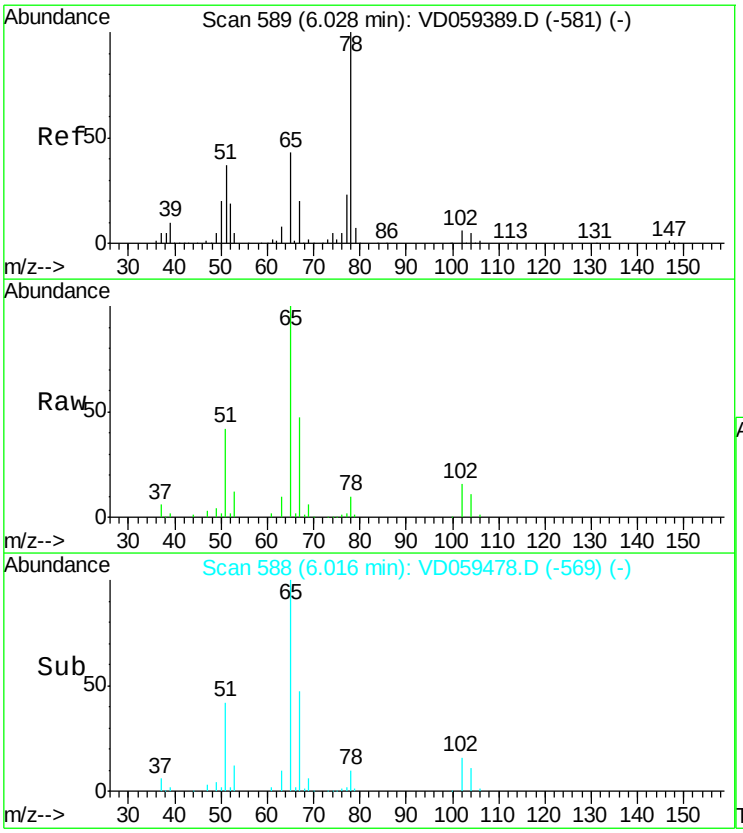
#25
2-Butanone
Concen: 11.88 ug/l
RT: 4.84 min Scan# 468
Delta R.T. -0.01 min
Lab File: VD059478.D
Acq: 28 Jun 2018 22:32

Instrument : MSVOA_D
ClientSampleId : ZER-SB-04-1-2RE

Tgt Ion: 43 Resp: 17470

Ion	Ratio	Lower	Upper
43	100		
72	17.7	15.4	23.2

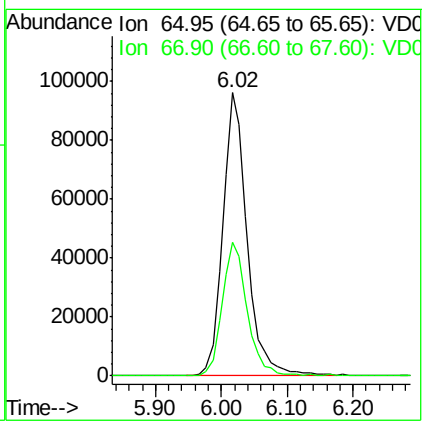


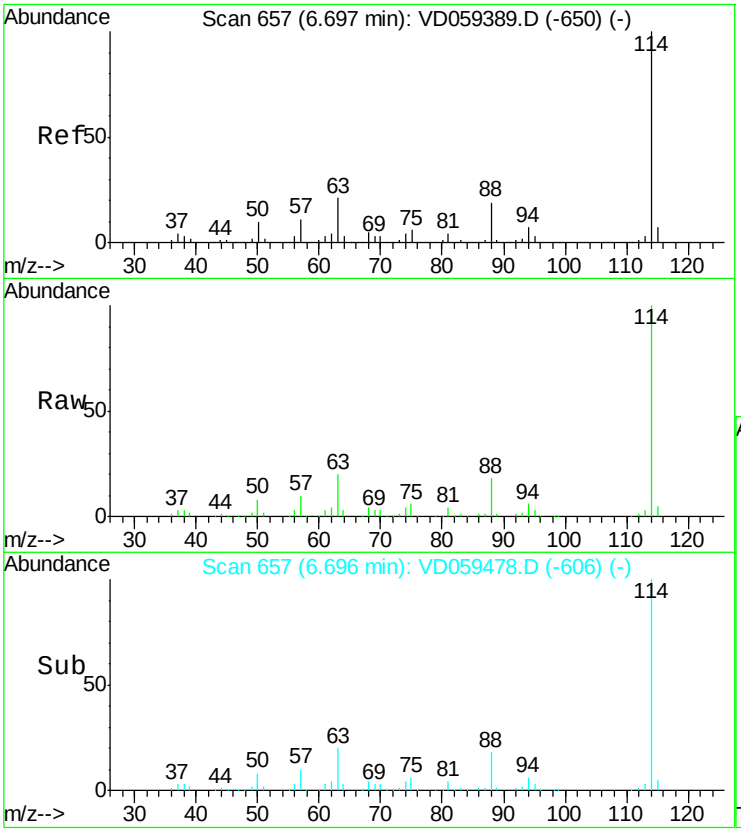


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.02 min Scan# 588
Delta R.T. -0.01 min
Lab File: VD059478.D
Acq: 28 Jun 2018 22:32

Tgt Ion: 65 Resp: 247145

Ion	Ratio	Lower	Upper
65	100		
67	47.3	0.0	93.8



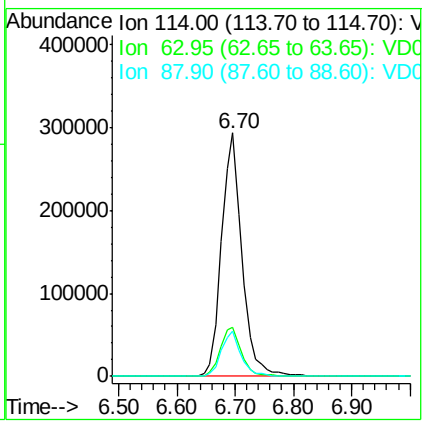


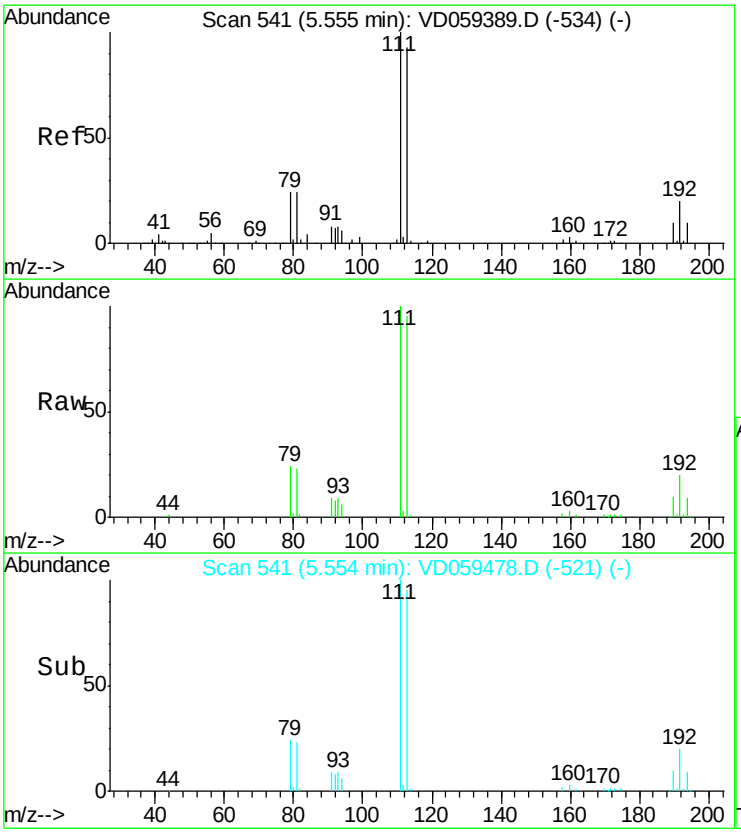
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VD059478.D
Acq: 28 Jun 2018 22:32

Instrument : MSVOA_D
ClientSampleId : ZER-SB-04-1-2RE

Tgt Ion:114 Resp: 712366

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.4
88	18.4	0.0	38.0

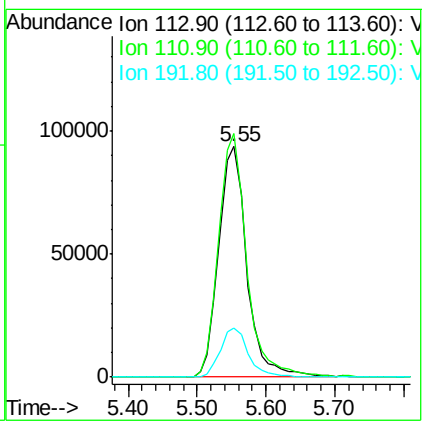


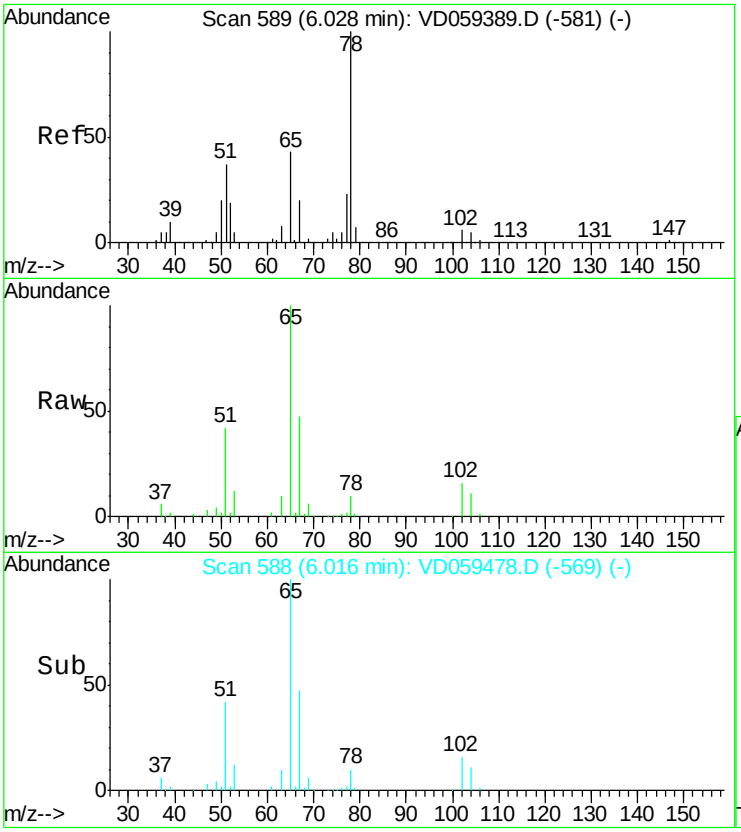


#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.55 min Scan# 541
Delta R.T. -0.00 min
Lab File: VD059478.D
Acq: 28 Jun 2018 22:32

Tgt Ion:113 Resp: 264923

Ion	Ratio	Lower	Upper
113	100		
111	105.7	85.7	128.5
192	21.0	16.9	25.3



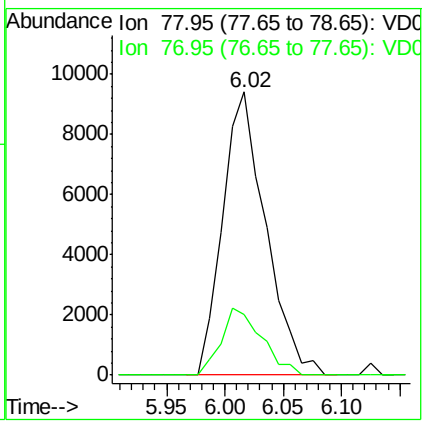


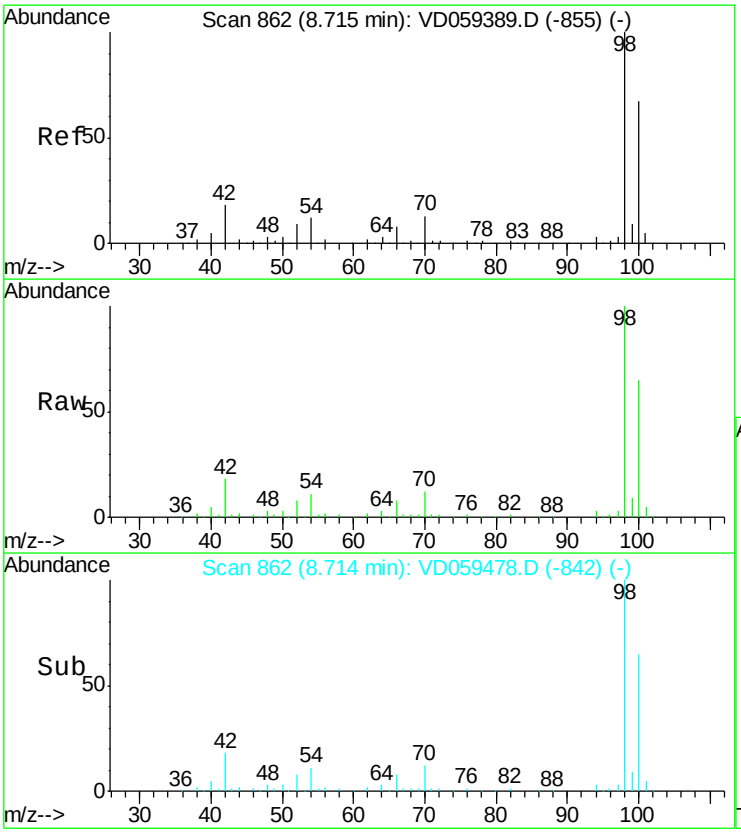
#40
Benzene
Concen: 1.55 ug/l
RT: 6.02 min Scan# 588
Delta R.T. -0.01 min
Lab File: VD059478.D
Acq: 28 Jun 2018 22:32

Instrument :
MSVOA_D
ClientSampleId :
ZER-SB-04-1-2RE

Tgt Ion: 78 Resp: 24022

Ion	Ratio	Lower	Upper
78	100		
77	21.3	18.1	27.1

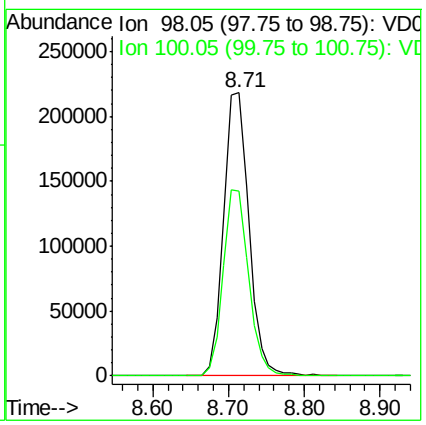


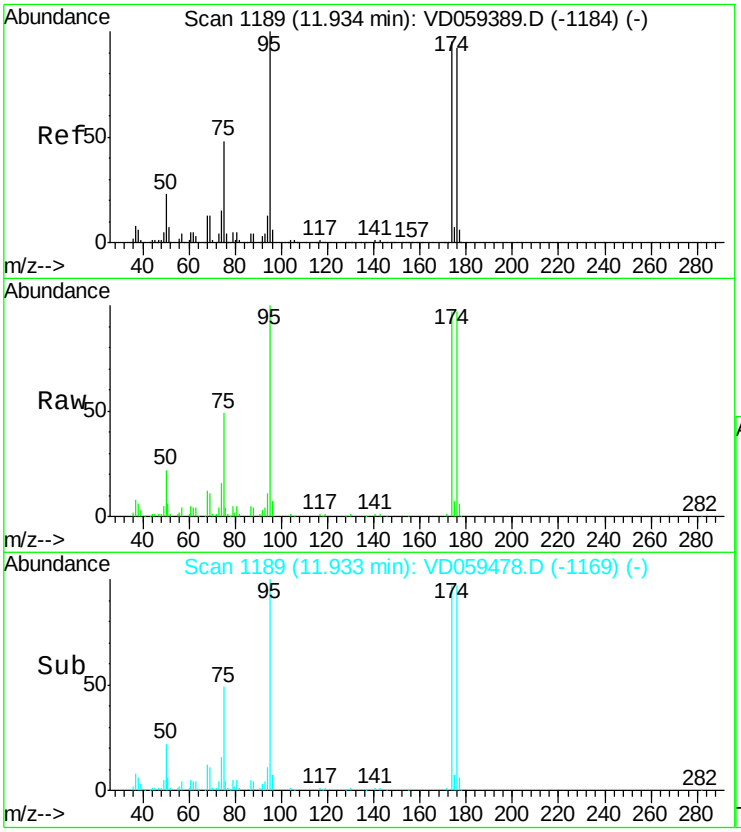


#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 862
Delta R.T. -0.00 min
Lab File: VD059478.D
Acq: 28 Jun 2018 22:32

Tgt Ion: 98 Resp: 506706

Ion	Ratio	Lower	Upper
98	100		
100	65.4	54.4	81.6



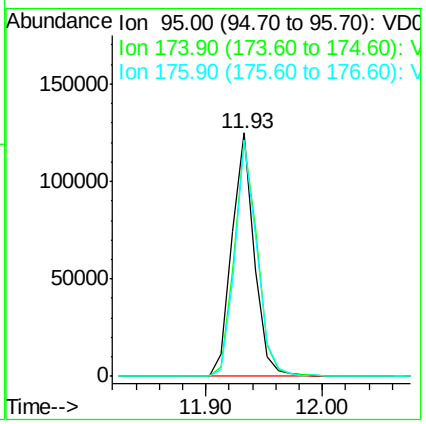


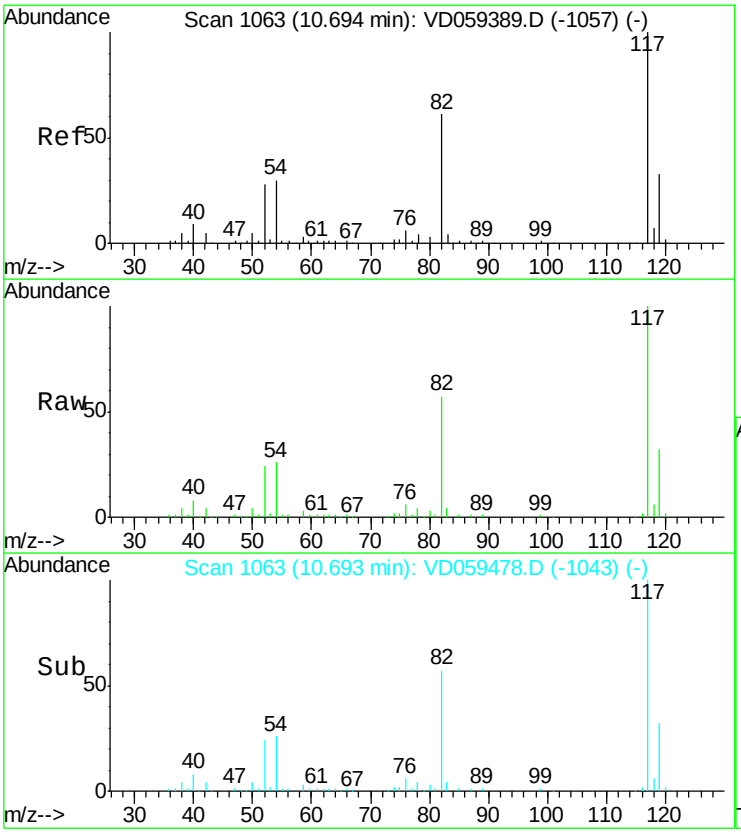
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VD059478.D
Acq: 28 Jun 2018 22:32

Instrument : MSVOA_D
ClientSampleId : ZER-SB-04-1-2RE

Tgt Ion: 95 Resp: 166623

Ion	Ratio	Lower	Upper
95	100		
174	97.1	0.0	190.4
176	97.0	0.0	183.2

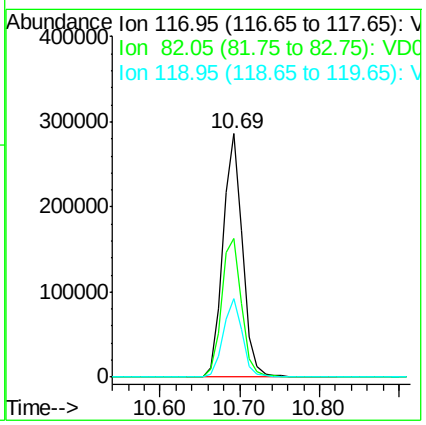


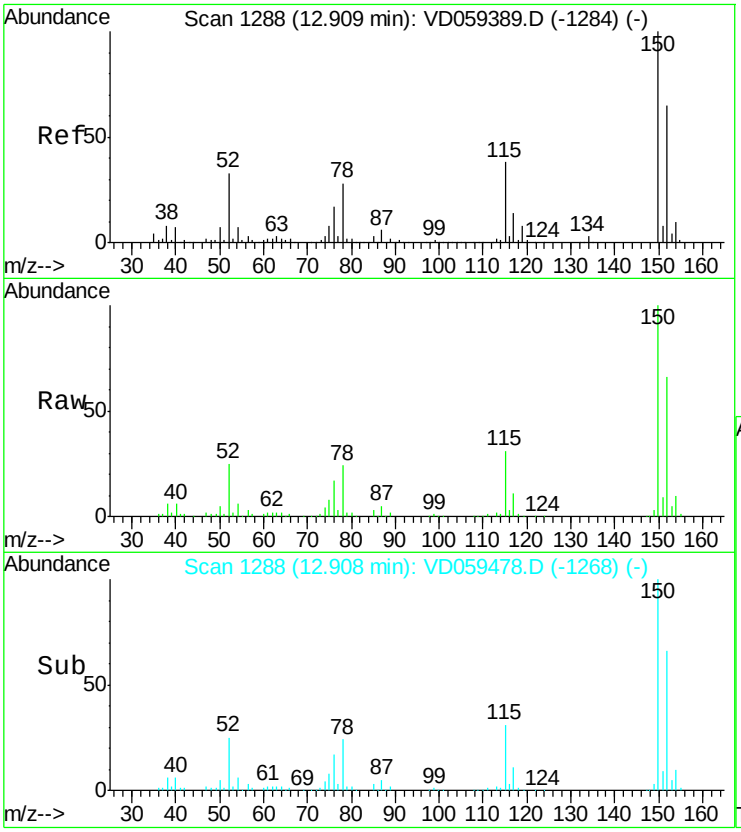


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VD059478.D
Acq: 28 Jun 2018 22:32

Tgt Ion:117 Resp: 495475

Ion	Ratio	Lower	Upper
117	100		
82	56.7	49.0	73.6
119	32.4	26.2	39.4



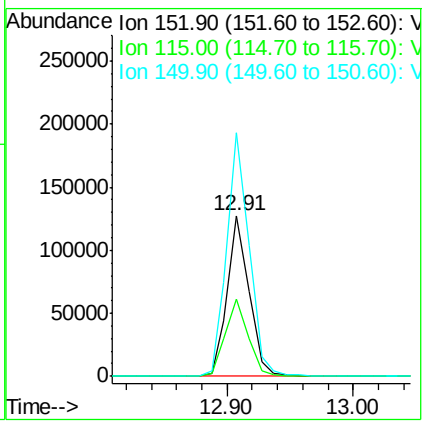


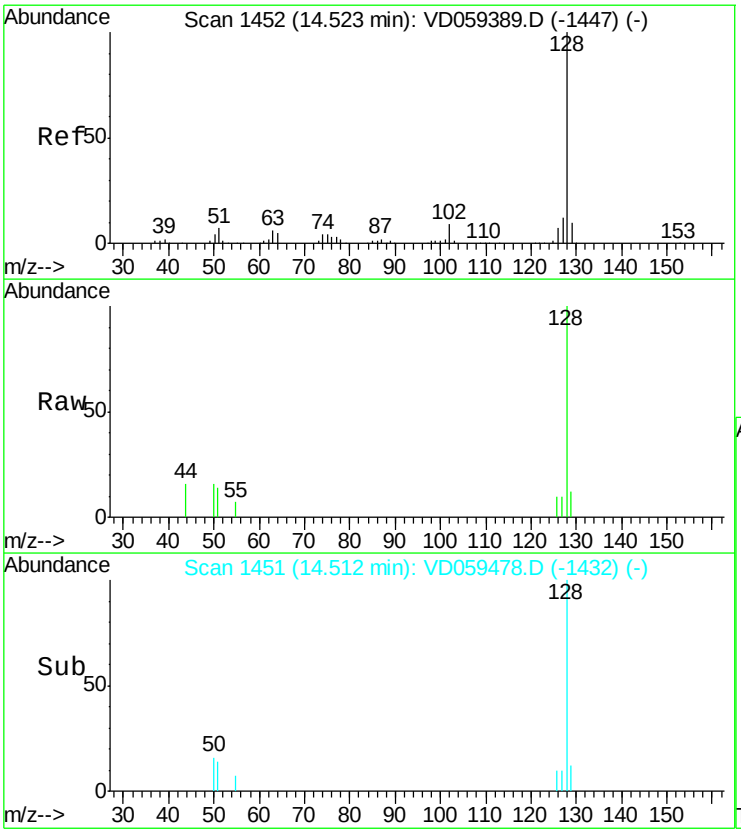
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VD059478.D
Acq: 28 Jun 2018 22:32

Instrument :
MSVOA_D
ClientSampleId :
ZER-SB-04-1-2RE

Tgt Ion:152 Resp: 151672

Ion	Ratio	Lower	Upper
152	100		
115	47.7	29.4	88.3
150	151.4	0.0	308.2





#95
Naphthalene
Concen: 1.36 ug/l
RT: 14.51 min Scan# 1451
Delta R.T. -0.01 min
Lab File: VD059478.D
Acq: 28 Jun 2018 22:32

Tgt Ion:128 Resp: 6570

Ion	Ratio	Lower	Upper
128	100		
127	9.5	9.6	14.4#
129	11.9	8.2	12.2