Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121418\
Data File : VD060585.D
Acq On : 14 Dec 2018 20:47
Operator : VA/AP
Sample : J6403-57
Misc : 5.11g/5ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-8-A

Quant Time: Dec 14 23:19:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	484426	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.43	114	706441	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	583637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	237292	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	287230	83.65	ug/l	-0.03
Spiked Amount 50.000			Recovery = 167.30%			
35) Dibromofluoromethane	6.31	113	325683	62.76	ug/l	-0.03
Spiked Amount 50.000			Recovery = 125.52%			
50) Toluene-d8	9.43	98	721793	48.07	ug/l	-0.03
Spiked Amount 50.000			Recovery = 96.14%			
62) 4-Bromofluorobenzene	12.42	95	232755	43.32	ug/l	-0.02
Spiked Amount 50.000			Recovery = 86.64%			
Target Compounds						Qvalue
16) Acetone	3.16	43	36768	66.805	ug/l	98
20) Methylene Chloride	3.72	84	34445	2.573	ug/l	92
52) Toluene	9.53	92	27254	2.471	ug/l	91

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

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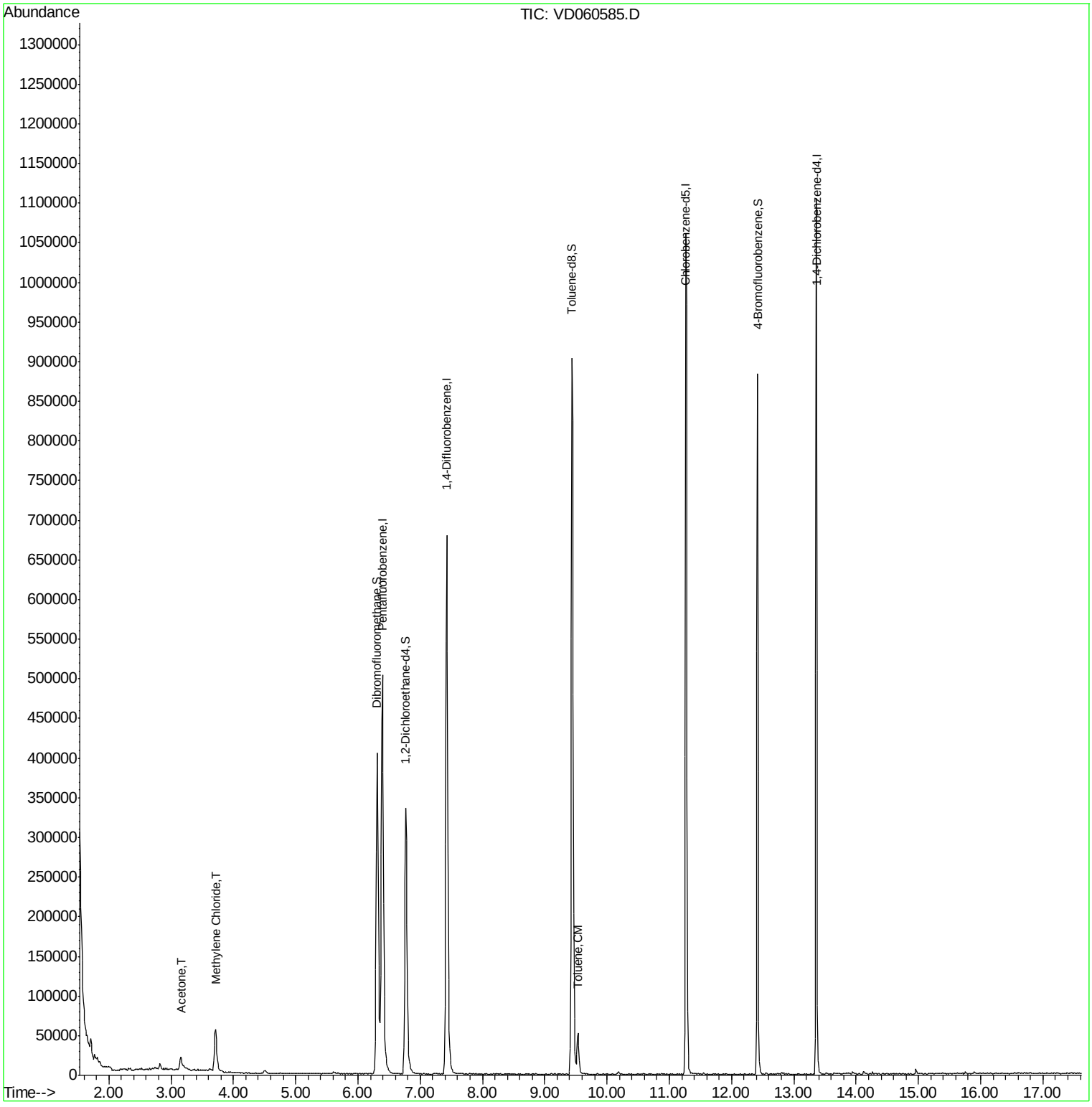
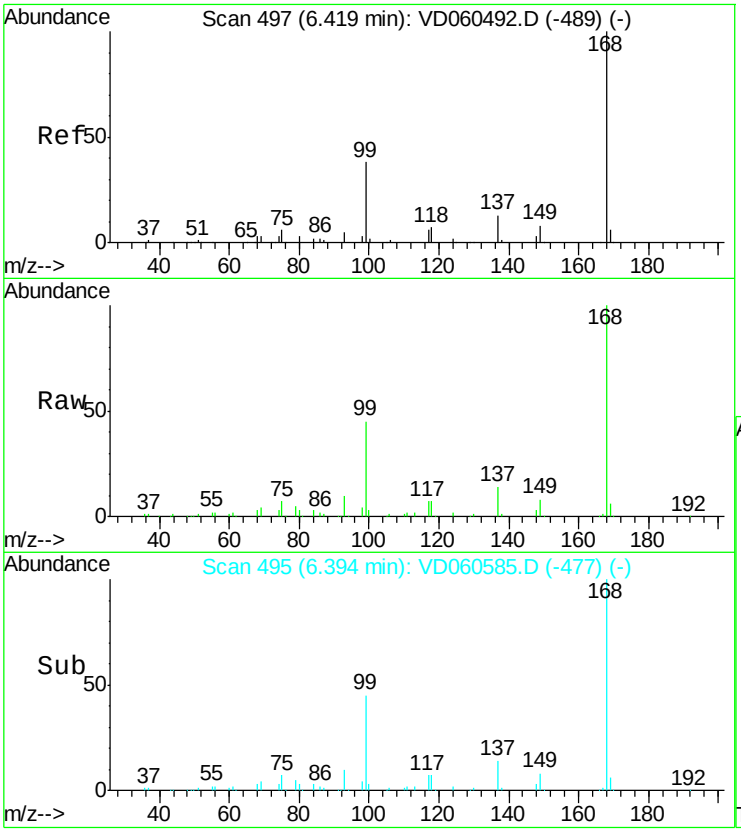


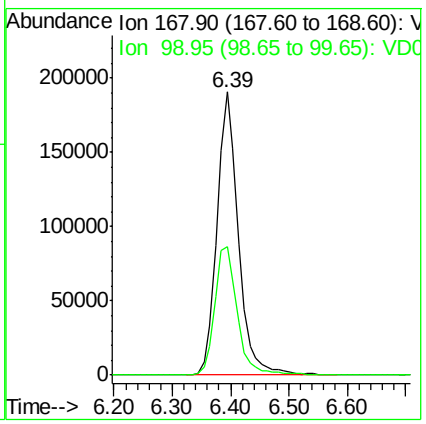


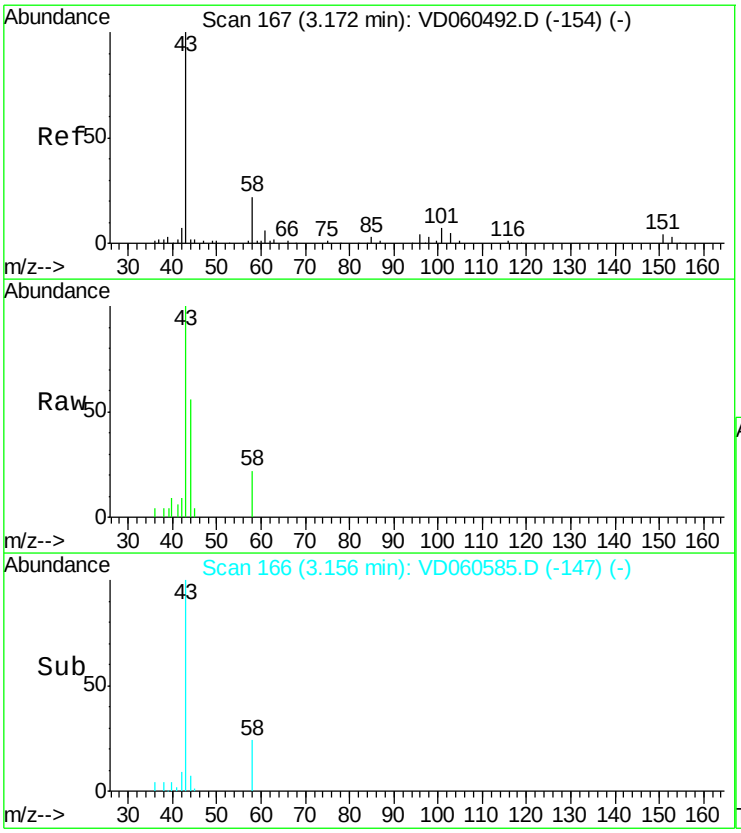
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.39 min Scan# 495
Delta R.T. -0.03 min
Lab File: VD060585.D
Acq: 14 Dec 2018 20:47

Instrument :
MSVOA_D
ClientSampleId :
TP-8-A

Tgt Ion:168 Resp: 484426

Ion	Ratio	Lower	Upper
168	100		
99	45.2	35.6	53.4

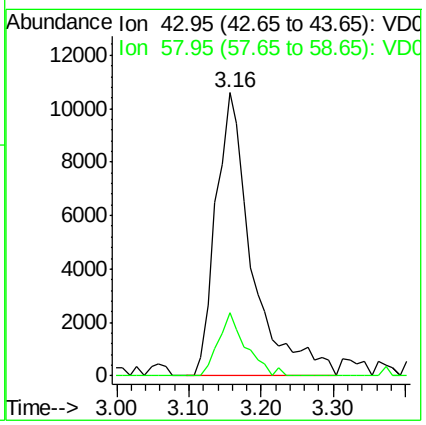


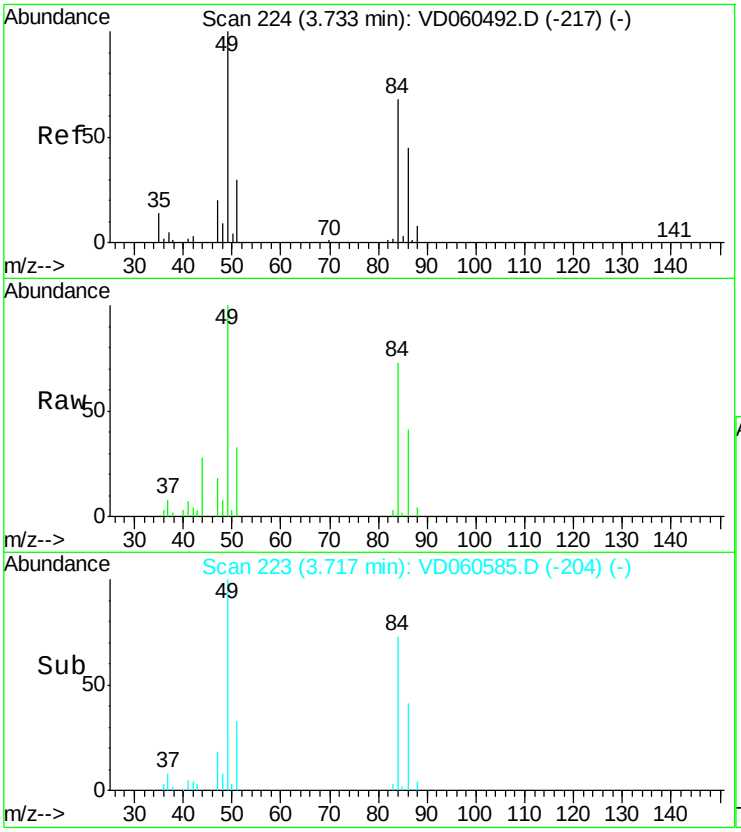


#16
Acetone
Concen: 66.805 ug/l
RT: 3.16 min Scan# 166
Delta R.T. -0.02 min
Lab File: VD060585.D
Acq: 14 Dec 2018 20:47

Tgt Ion: 43 Resp: 36768

Ion	Ratio	Lower	Upper
43	100		
58	22.4	17.3	25.9



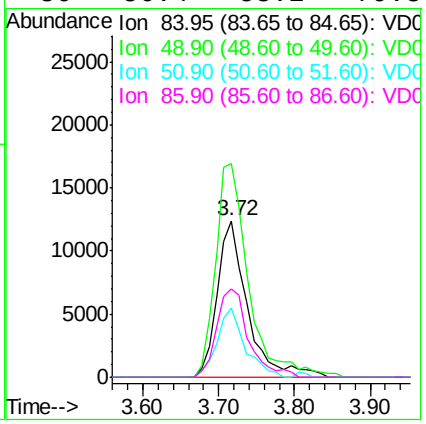


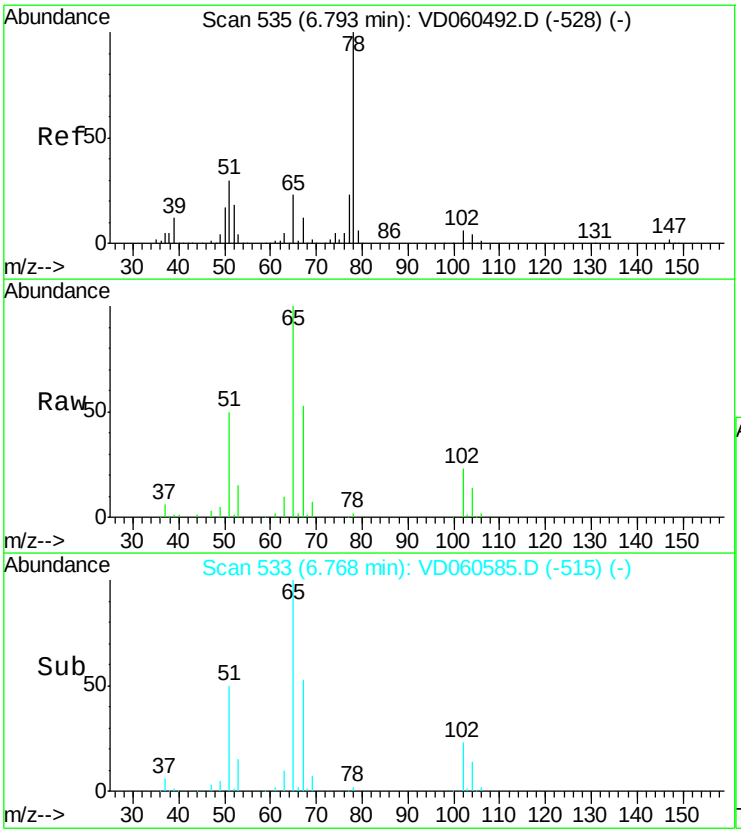
#20
Methylene Chloride
Concen: 2.573 ug/l
RT: 3.72 min Scan# 223
Delta R.T. -0.02 min
Lab File: VD060585.D
Acq: 14 Dec 2018 20:47

Instrument :
MSVOA_D
ClientSampleId :
TP-8-A

Tgt Ion: 84 Resp: 34445

Ion	Ratio	Lower	Upper
84	100		
49	136.5	117.2	175.8
51	44.4	35.3	52.9
86	56.4	53.2	79.8

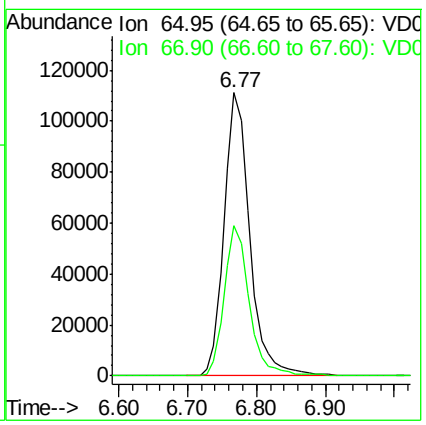


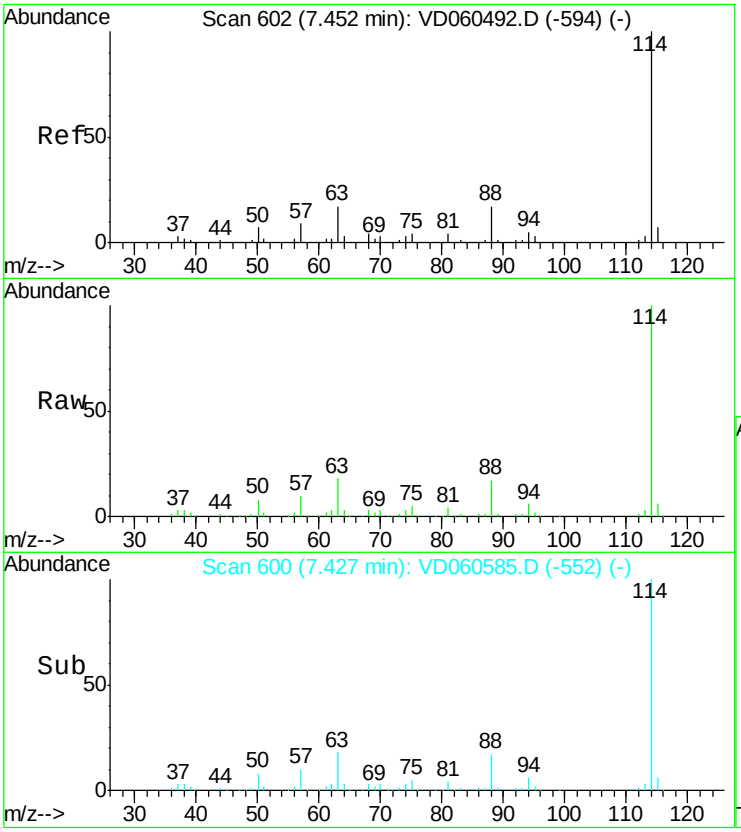


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.77 min Scan# 533
Delta R.T. -0.03 min
Lab File: VD060585.D
Acq: 14 Dec 2018 20:47

Tgt Ion: 65 Resp: 287230

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	106.8



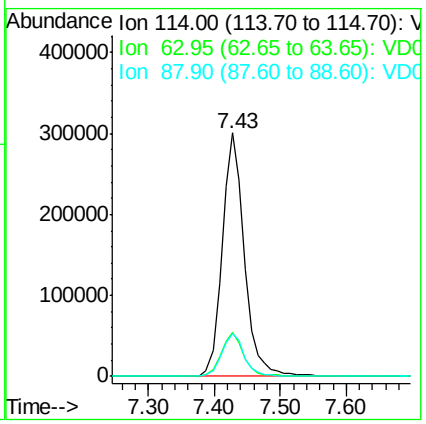


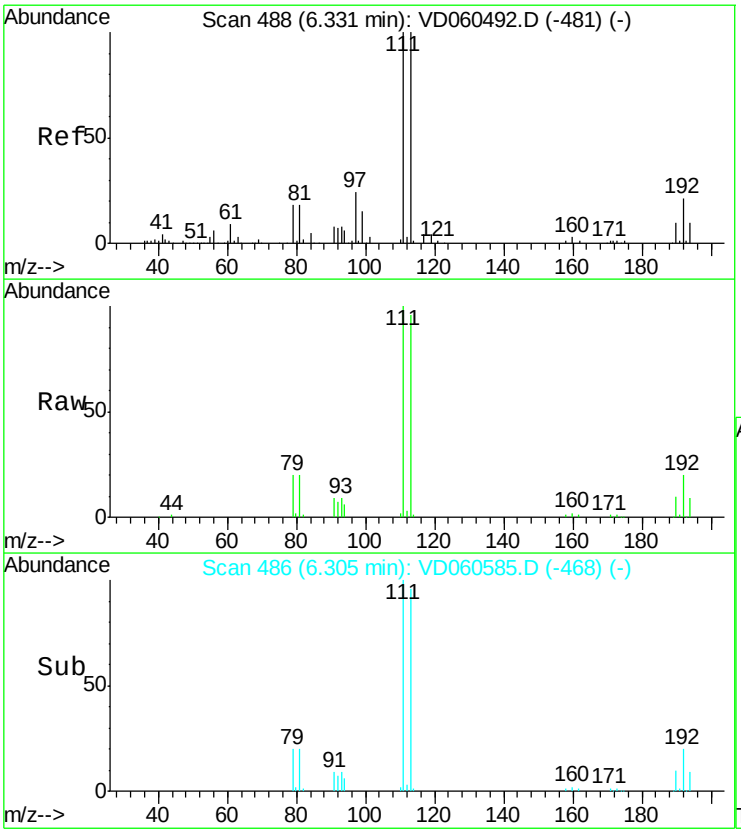
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.43 min Scan# 600
Delta R.T. -0.03 min
Lab File: VD060585.D
Acq: 14 Dec 2018 20:47

Instrument :
MSVOA_D
ClientSampleId :
TP-8-A

Tgt Ion:114 Resp: 706441

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	34.2
88	17.3	0.0	35.0

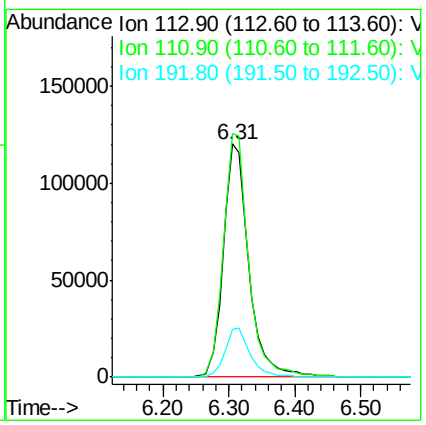


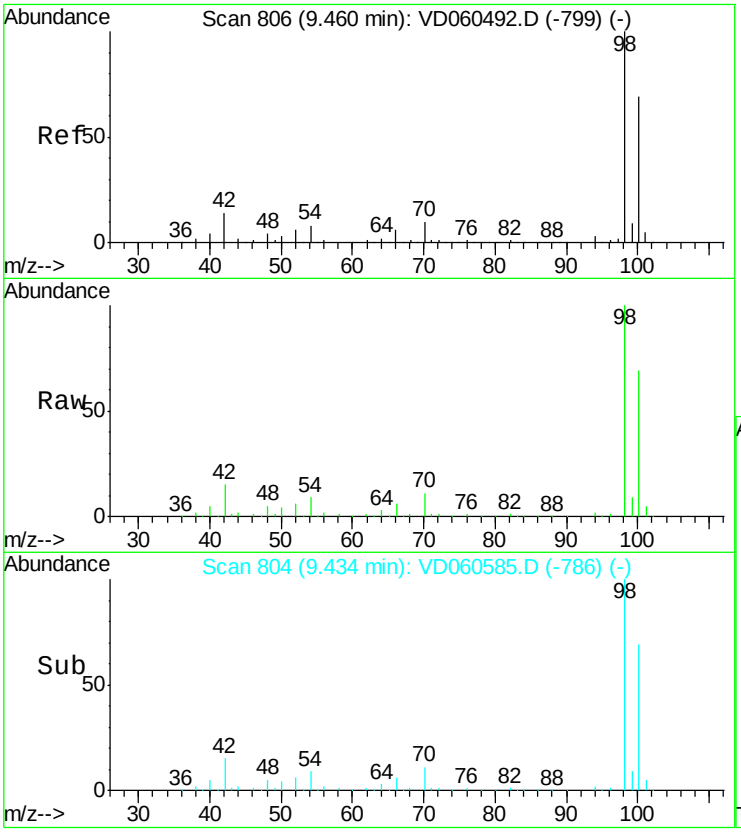


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.31 min Scan# 486
Delta R.T. -0.03 min
Lab File: VD060585.D
Acq: 14 Dec 2018 20:47

Tgt Ion:113 Resp: 325683

Ion	Ratio	Lower	Upper
113	100		
111	104.6	80.2	120.4
192	20.6	16.6	24.8



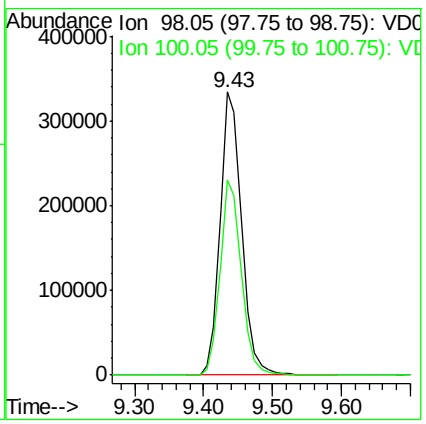


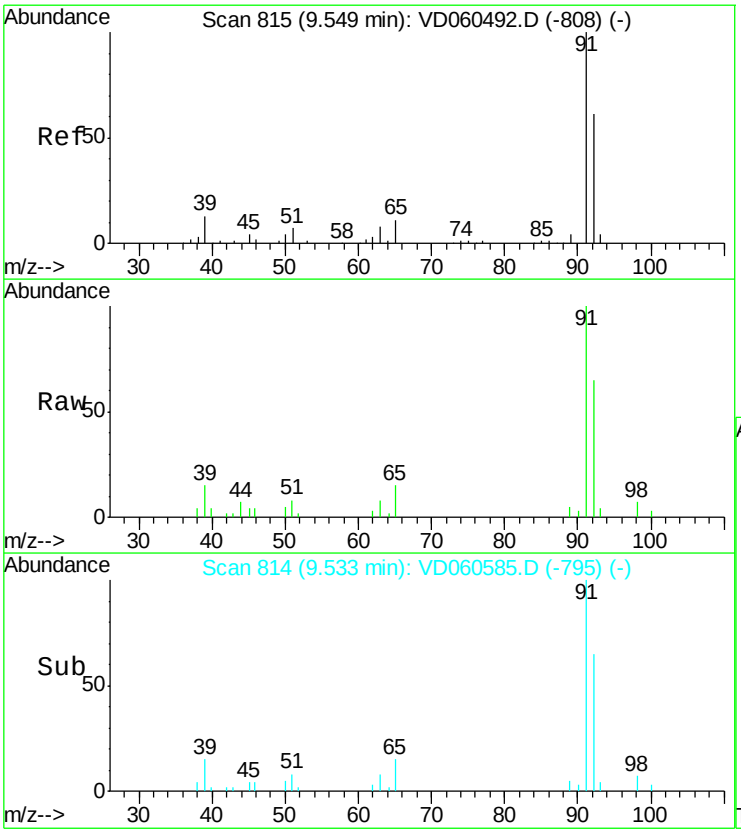
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 804
Delta R.T. -0.03 min
Lab File: VD060585.D
Acq: 14 Dec 2018 20:47

Instrument :
MSVOA_D
ClientSampleId :
TP-8-A

Tgt Ion: 98 Resp: 721793

Ion	Ratio	Lower	Upper
98	100		
100	69.0	55.7	83.5

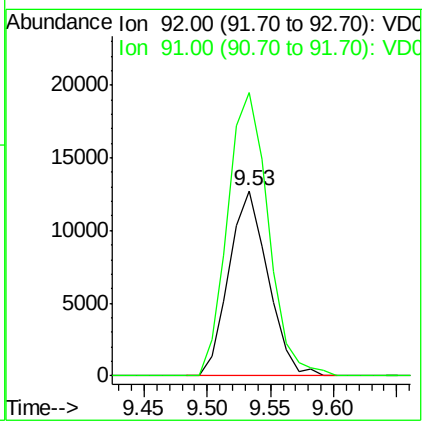


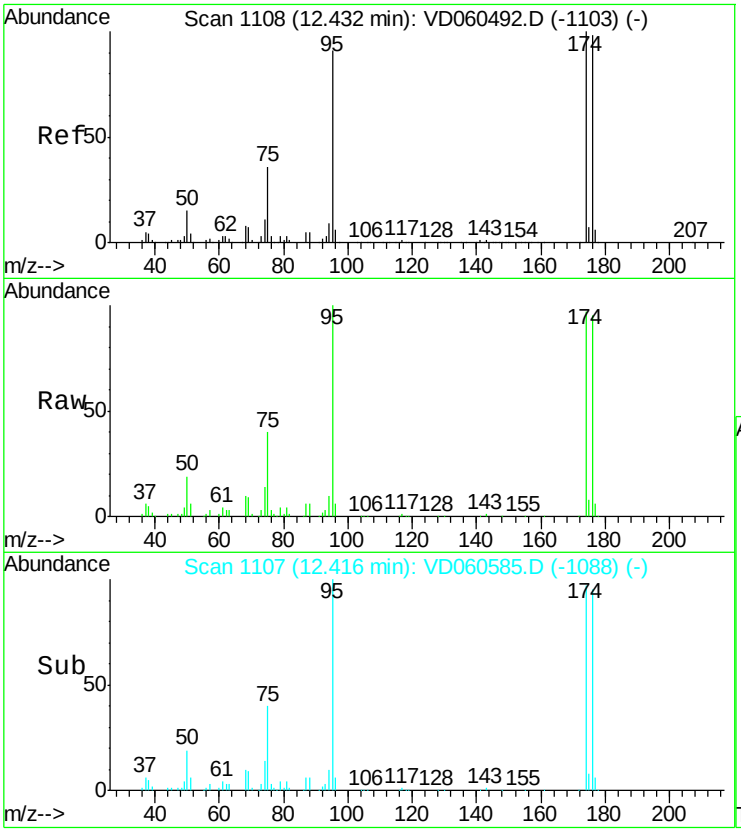


#52
Toluene
Concen: 2.471 ug/l
RT: 9.53 min Scan# 814
Delta R.T. -0.02 min
Lab File: VD060585.D
Acq: 14 Dec 2018 20:47

Tgt Ion: 92 Resp: 27254

Ion	Ratio	Lower	Upper
92	100		
91	152.9	131.7	197.5



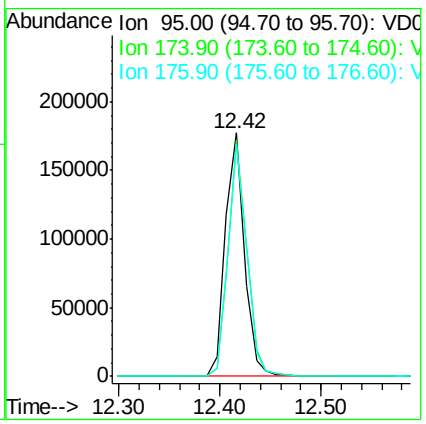


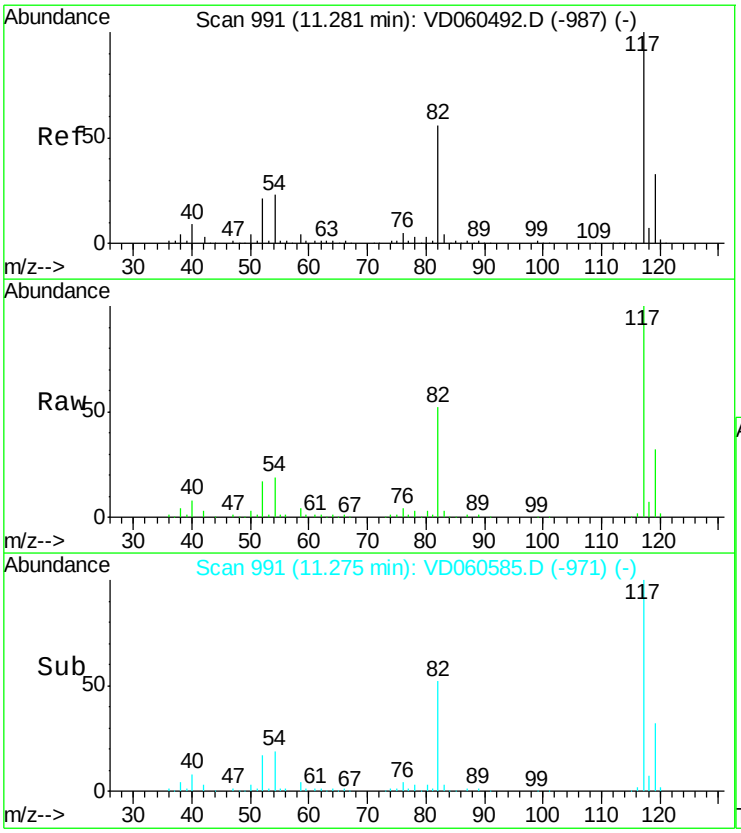
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.02 min
Lab File: VD060585.D
Acq: 14 Dec 2018 20:47

Instrument : MSVOA_D
ClientSampleId : TP-8-A

Tgt Ion: 95 Resp: 232755

Ion	Ratio	Lower	Upper
95	100		
174	96.7	0.0	219.4
176	95.2	0.0	214.6

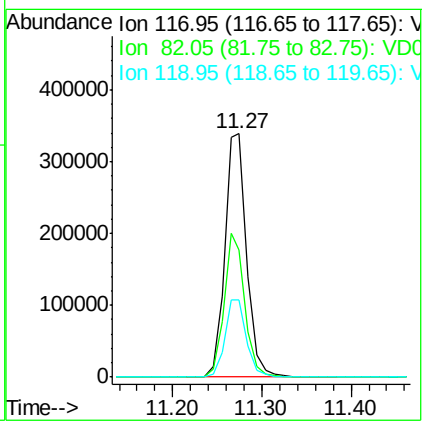


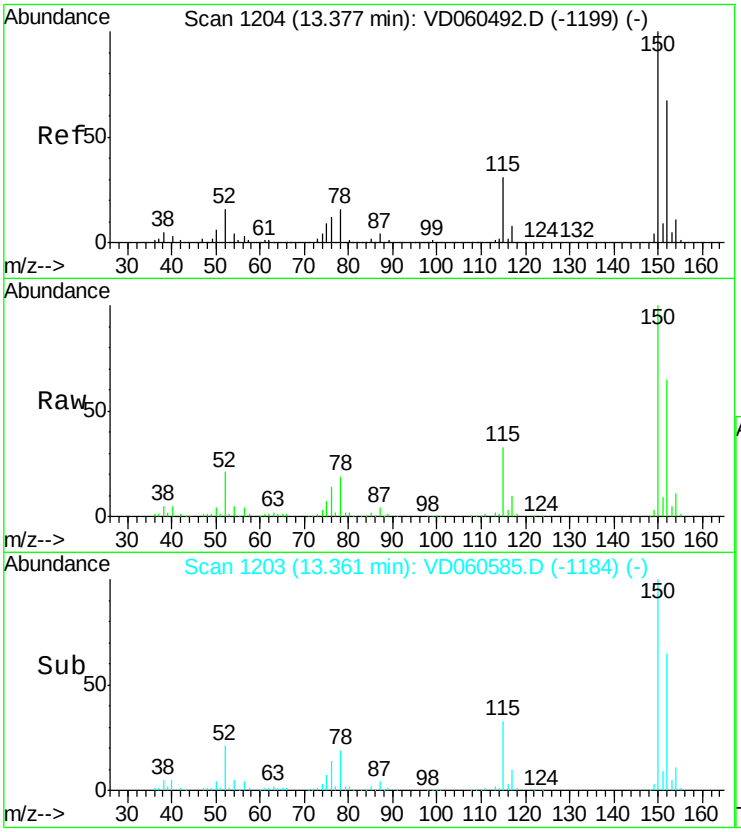


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 991
Delta R.T. -0.01 min
Lab File: VD060585.D
Acq: 14 Dec 2018 20:47

Tgt Ion:117 Resp: 583637

Ion	Ratio	Lower	Upper
117	100		
82	52.1	45.2	67.8
119	32.0	26.1	39.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.02 min
Lab File: VD060585.D
Acq: 14 Dec 2018 20:47

Instrument :
MSVOA_D
ClientSampleId :
TP-8-A

Tgt Ion:152 Resp: 237292

Ion	Ratio	Lower	Upper
152	100		
115	51.4	24.6	74.0
150	153.8	0.0	309.0