Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121418\
Data File : VD060571.D
Acq On : 14 Dec 2018 14:13
Operator : VA/AP
Sample : J6403-01
Misc : 2.68g/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-1-A

Quant Time: Dec 14 22:43:25 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	1173805	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.42	114	1620136	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	1340151	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.36	152	632745	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	477950	57.45	ug/l	-0.02
Spiked Amount 50.000			Recovery = 114.90%			
35) Dibromofluoromethane	6.31	113	611476	51.38	ug/l	-0.02
Spiked Amount 50.000			Recovery = 102.76%			
50) Toluene-d8	9.44	98	1681055	48.82	ug/l	-0.02
Spiked Amount 50.000			Recovery = 97.64%			
62) 4-Bromofluorobenzene	12.42	95	574458	46.62	ug/l	-0.01
Spiked Amount 50.000			Recovery = 93.24%			
Target Compounds						Qvalue
16) Acetone	3.15	43	91771	68.814	ug/l	96
20) Methylene Chloride	3.70	84	84903	2.703	ug/l	90
25) 2-Butanone	5.60	43	27800	10.596	ug/l #	89
40) Benzene	6.77	78	66260	1.637	ug/l	97
52) Toluene	9.53	92	279658	11.055	ug/l	98

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

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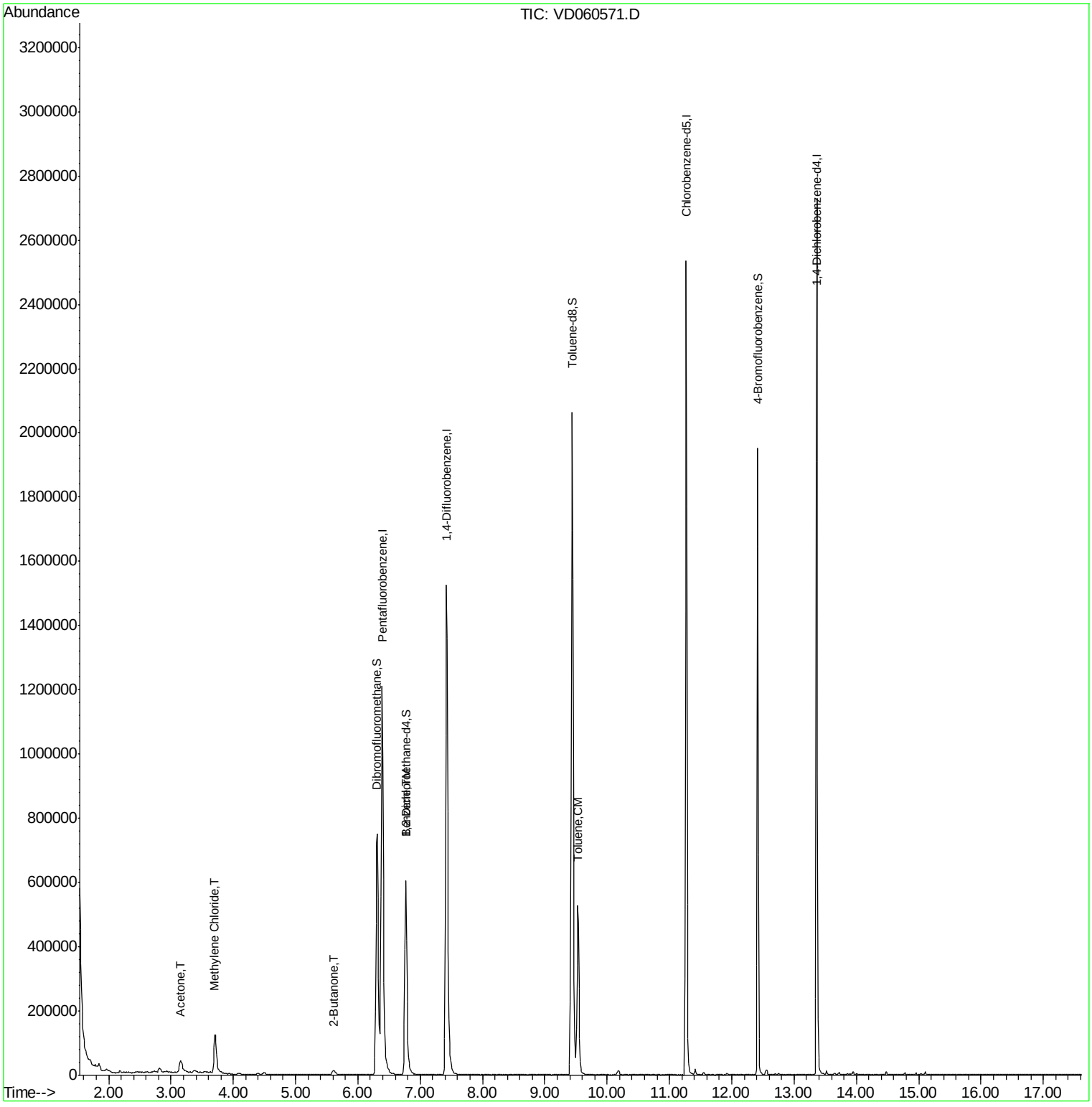
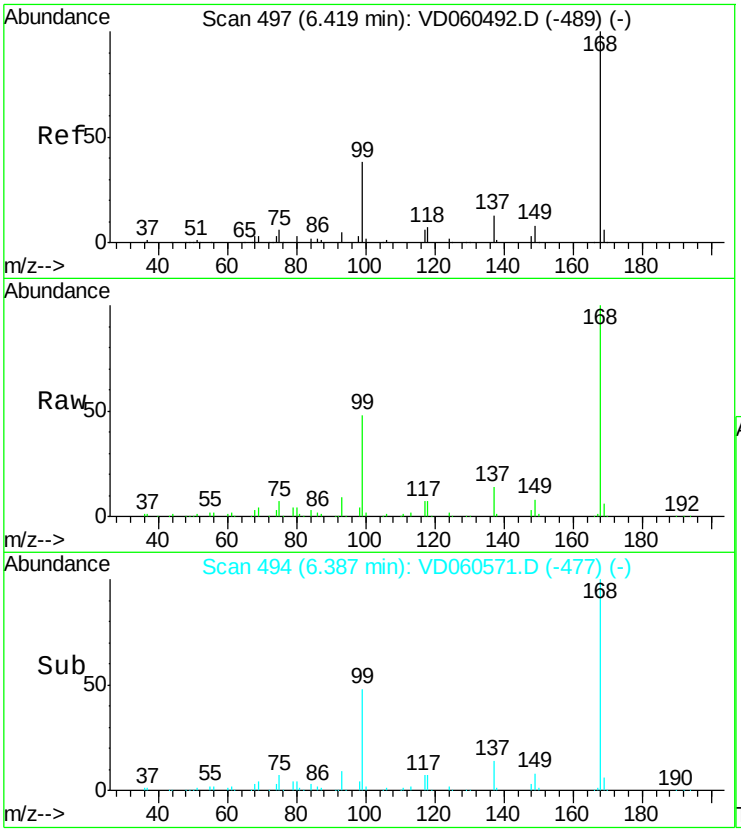


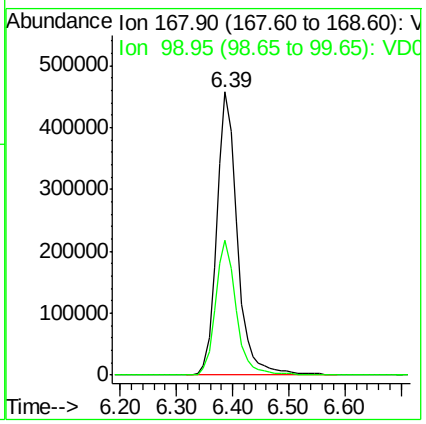


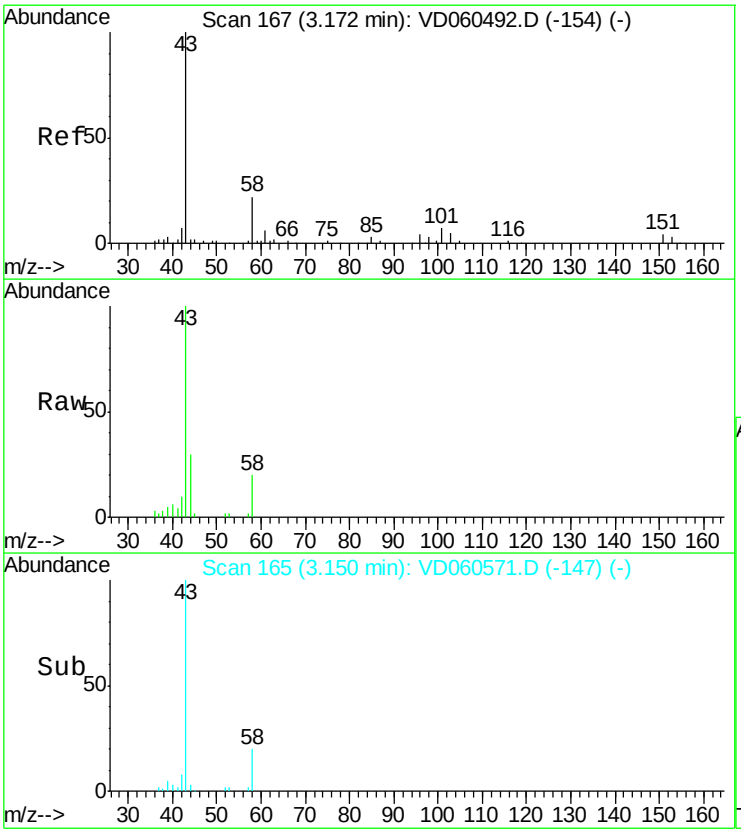
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.39 min Scan# 494
Delta R.T. -0.03 min
Lab File: VD060571.D
Acq: 14 Dec 2018 14:13

Instrument : MSVOA_D
ClientSampleId : TP-1-A

Tgt Ion:168 Resp: 1173805

Ion	Ratio	Lower	Upper
168	100		
99	47.7	35.6	53.4

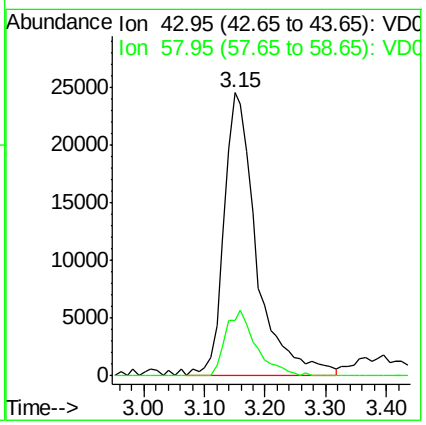


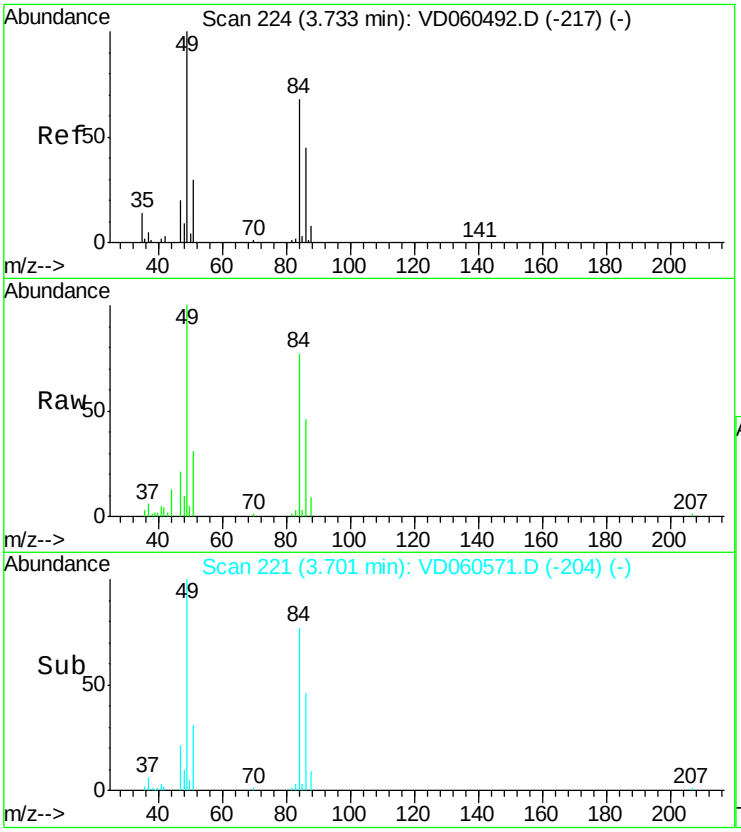


#16
Acetone
Concen: 68.814 ug/l
RT: 3.15 min Scan# 165
Delta R.T. -0.02 min
Lab File: VD060571.D
Acq: 14 Dec 2018 14:13

Tgt Ion: 43 Resp: 91771

Ion	Ratio	Lower	Upper
43	100		
58	19.8	17.3	25.9



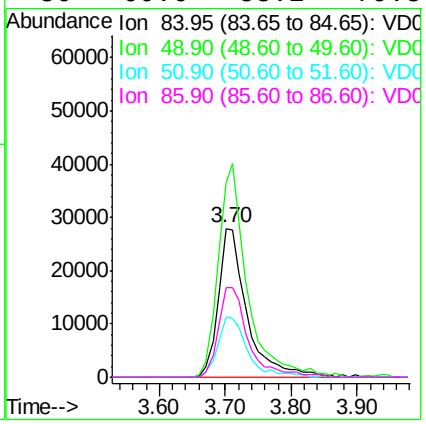


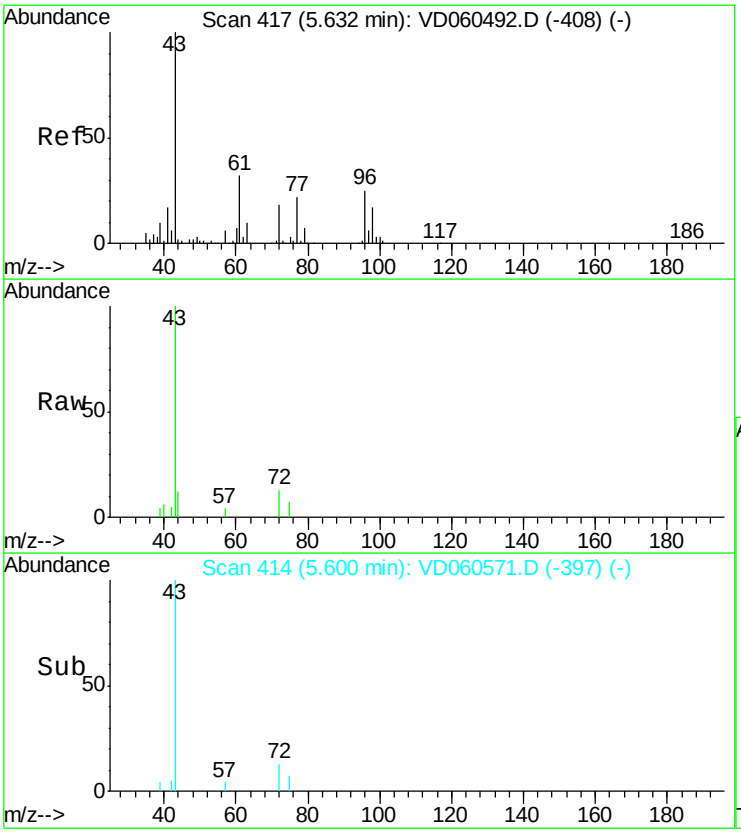
#20
Methylene Chloride
Concen: 2.703 ug/l
RT: 3.70 min Scan# 221
Delta R.T. -0.03 min
Lab File: VD060571.D
Acq: 14 Dec 2018 14:13

Instrument : MSVOA_D
ClientSampleId : TP-1-A

Tgt Ion: 84 Resp: 84903

Ion	Ratio	Lower	Upper
84	100		
49	130.7	117.2	175.8
51	40.7	35.3	52.9
86	60.6	53.2	79.8

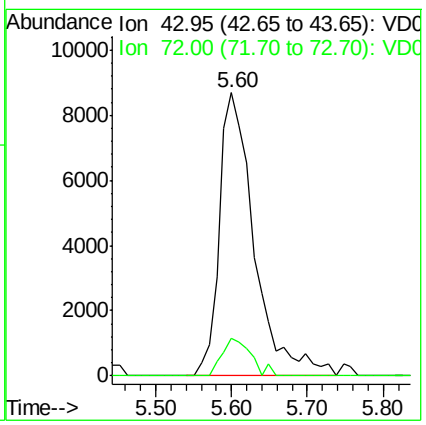


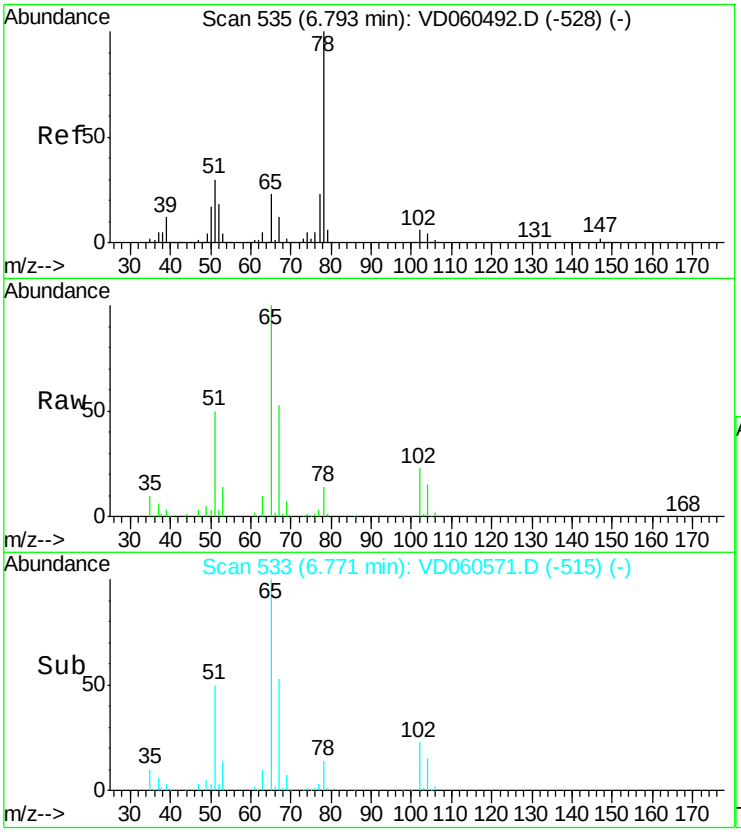


#25
2-Butanone
Concen: 10.596 ug/l
RT: 5.60 min Scan# 414
Delta R.T. -0.03 min
Lab File: VD060571.D
Acq: 14 Dec 2018 14:13

Tgt Ion: 43 Resp: 27800

Ion	Ratio	Lower	Upper
43	100		
72	13.3	14.6	21.8#



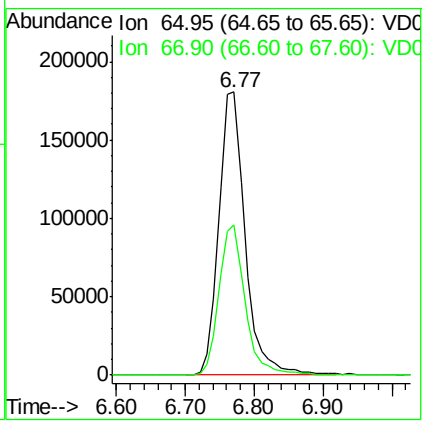


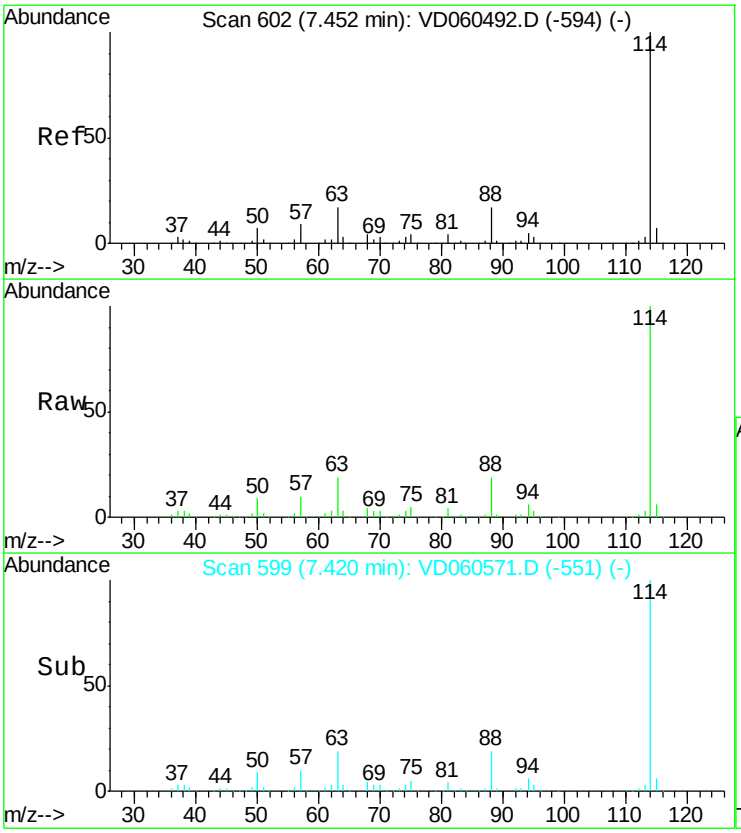
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.77 min Scan# 533
Delta R.T. -0.02 min
Lab File: VD060571.D
Acq: 14 Dec 2018 14:13

Instrument :
MSVOA_D
ClientSampleId :
TP-1-A

Tgt Ion: 65 Resp: 477950

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	106.8

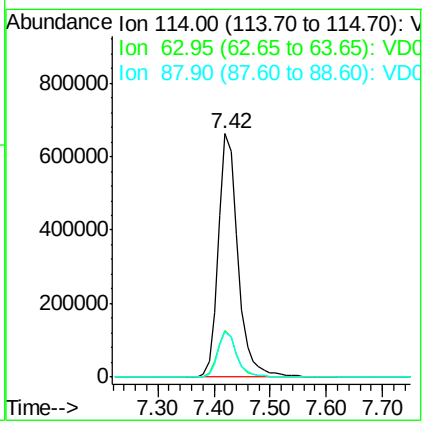


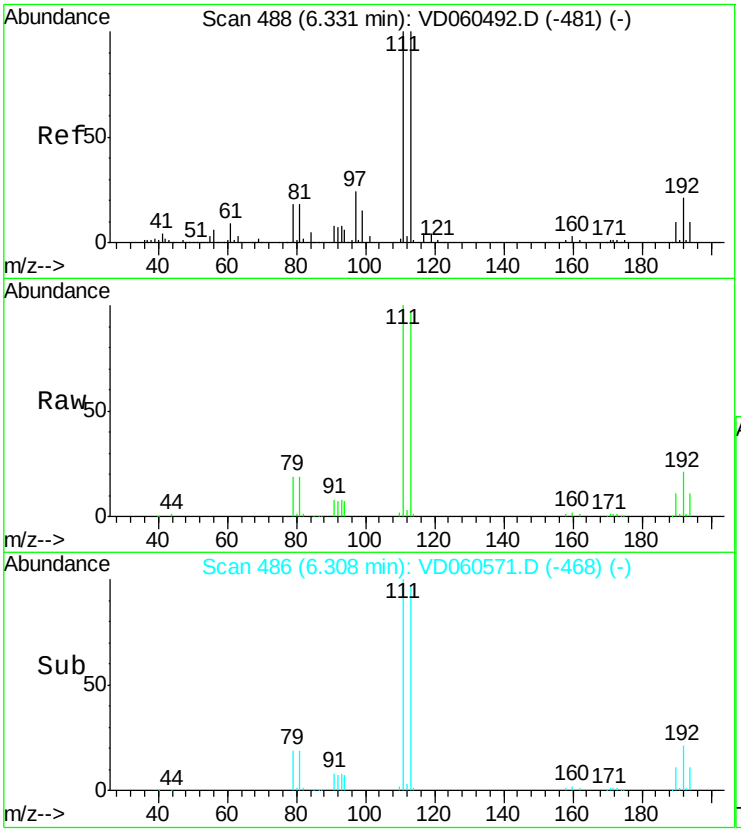


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.42 min Scan# 599
Delta R.T. -0.03 min
Lab File: VD060571.D
Acq: 14 Dec 2018 14:13

Tgt Ion:114 Resp: 1620136

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	34.2
88	18.7	0.0	35.0



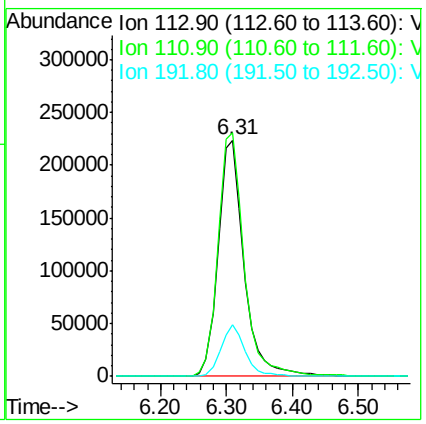


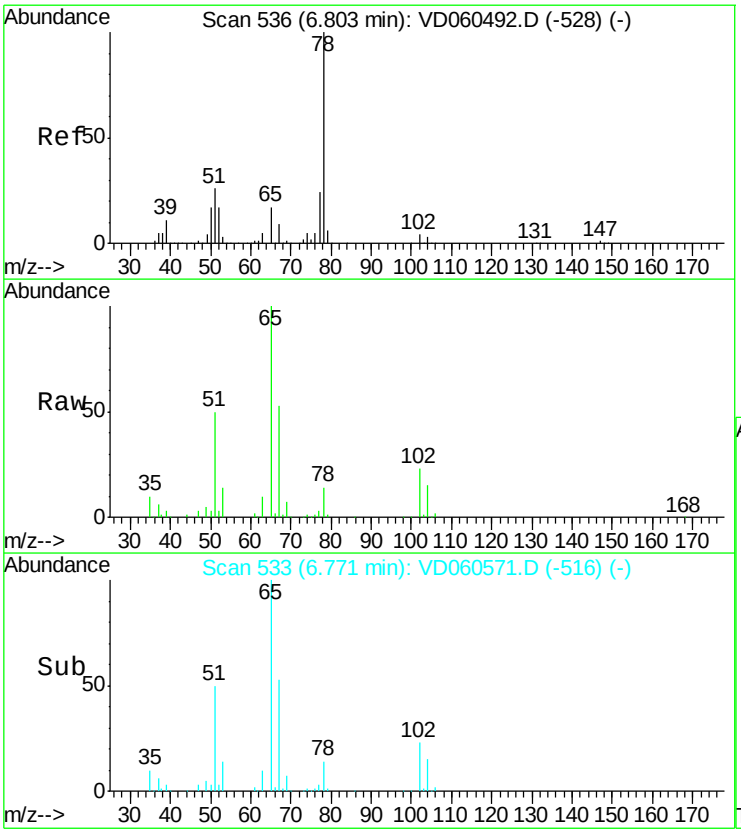
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.31 min Scan# 486
Delta R.T. -0.02 min
Lab File: VD060571.D
Acq: 14 Dec 2018 14:13

Instrument :
MSVOA_D
ClientSampleId :
TP-1-A

Tgt Ion:113 Resp: 611476

Ion	Ratio	Lower	Upper
113	100		
111	103.2	80.2	120.4
192	21.7	16.6	24.8

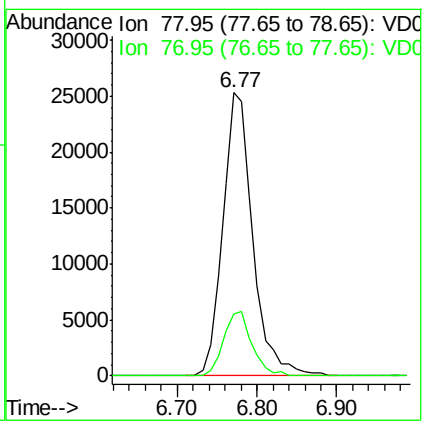


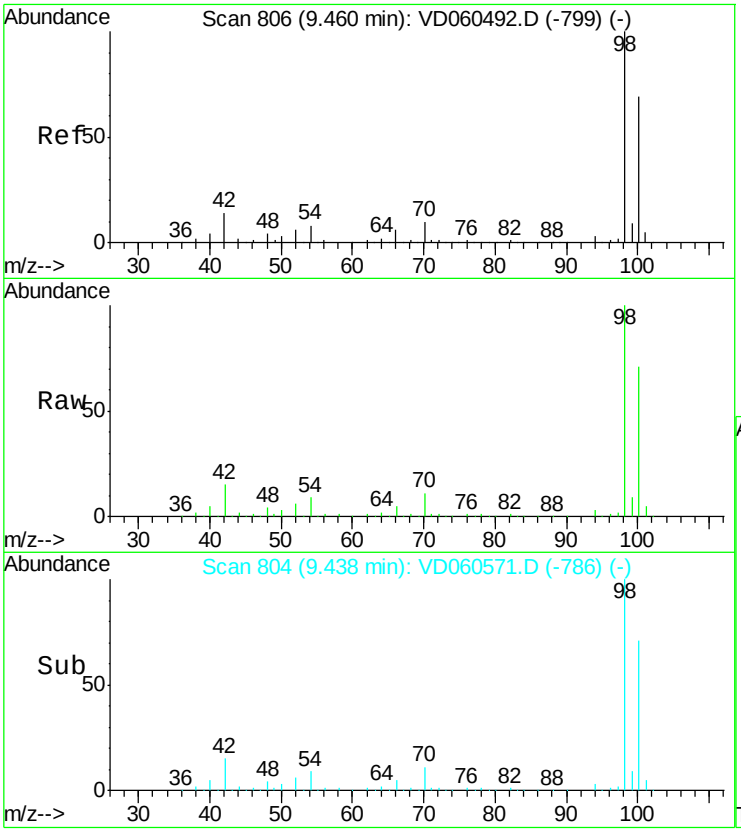


#40
Benzene
Concen: 1.637 ug/l
RT: 6.77 min Scan# 533
Delta R.T. -0.03 min
Lab File: VD060571.D
Acq: 14 Dec 2018 14:13

Tgt Ion: 78 Resp: 66260

Ion	Ratio	Lower	Upper
78	100		
77	22.0	18.9	28.3



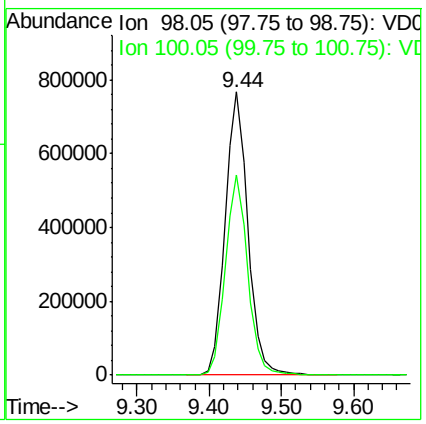


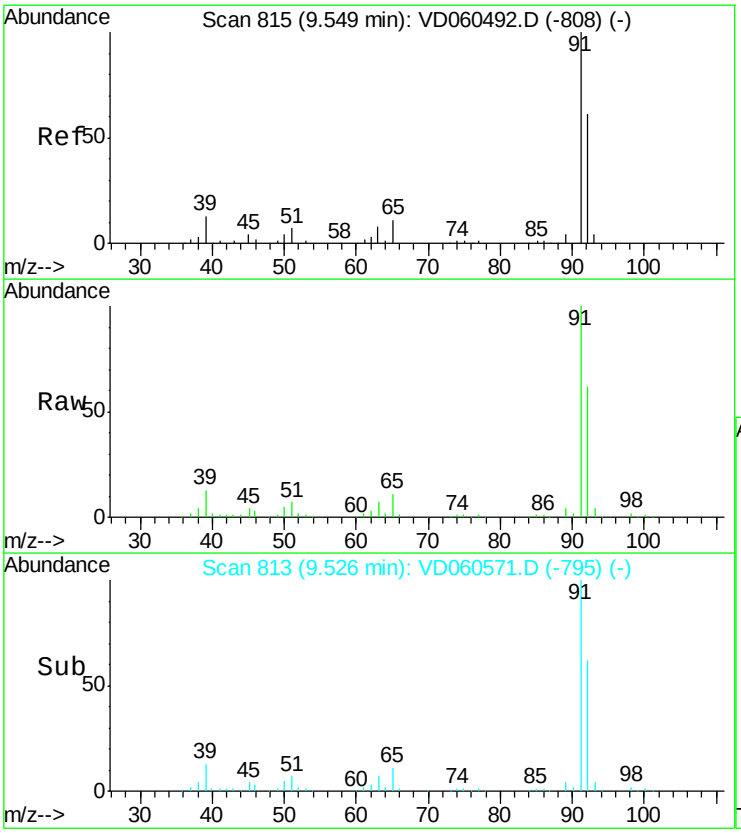
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 804
Delta R.T. -0.02 min
Lab File: VD060571.D
Acq: 14 Dec 2018 14:13

Instrument : MSVOA_D
ClientSampleId : TP-1-A

Tgt Ion: 98 Resp: 1681055

Ion	Ratio	Lower	Upper
98	100		
100	70.8	55.7	83.5

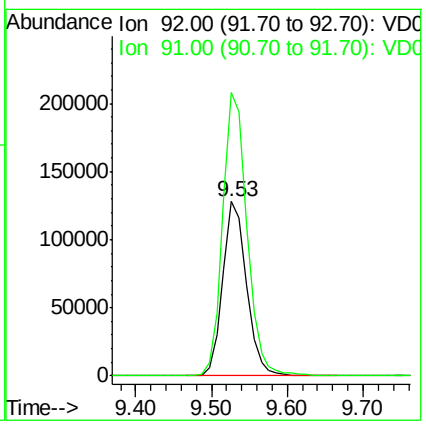


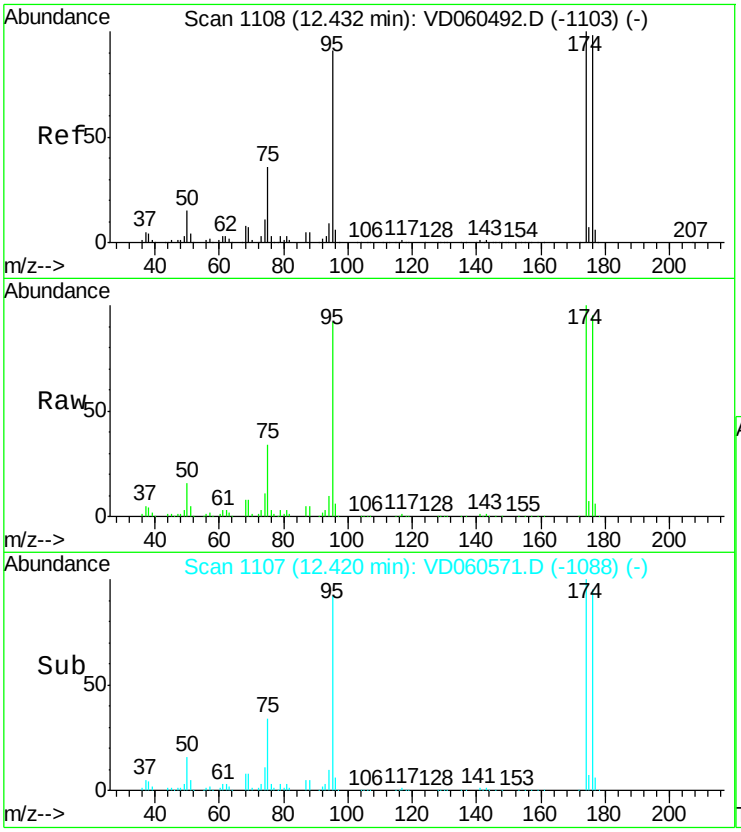


#52
Toluene
Concen: 11.055 ug/l
RT: 9.53 min Scan# 813
Delta R.T. -0.02 min
Lab File: VD060571.D
Acq: 14 Dec 2018 14:13

Tgt Ion: 92 Resp: 279658

Ion	Ratio	Lower	Upper
92	100		
91	162.4	131.7	197.5



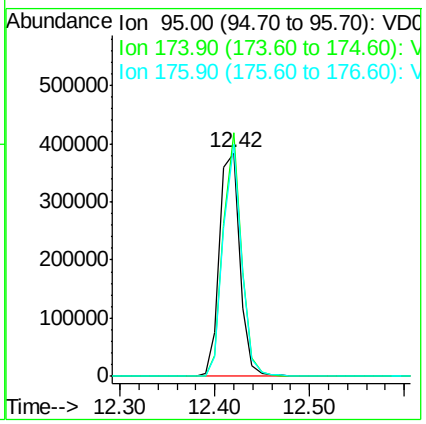


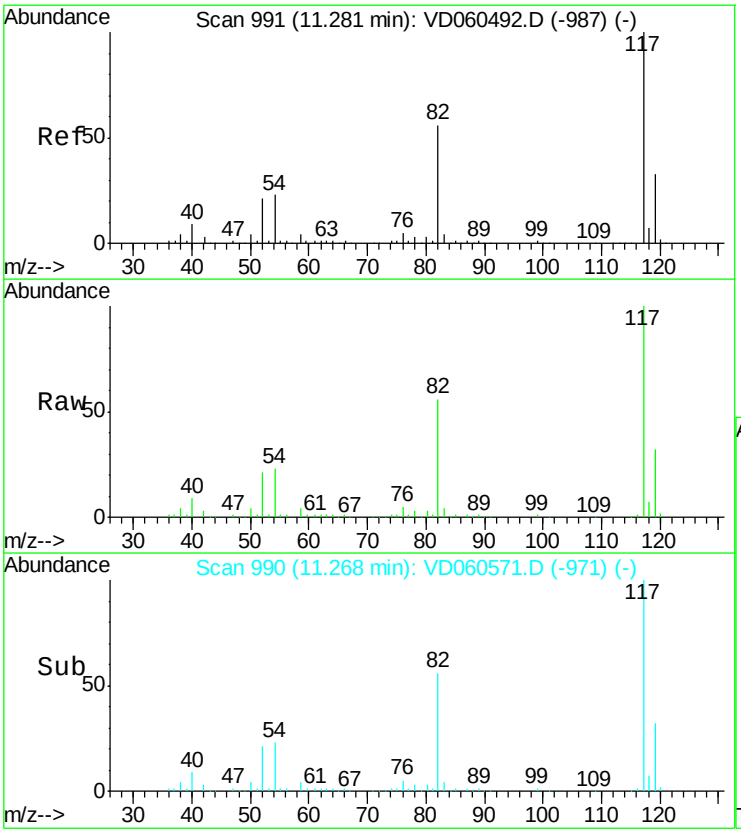
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.01 min
Lab File: VD060571.D
Acq: 14 Dec 2018 14:13

Instrument : MSVOA_D
ClientSampleId : TP-1-A

Tgt Ion: 95 Resp: 574458

Ion	Ratio	Lower	Upper
95	100		
174	108.9	0.0	219.4
176	104.0	0.0	214.6

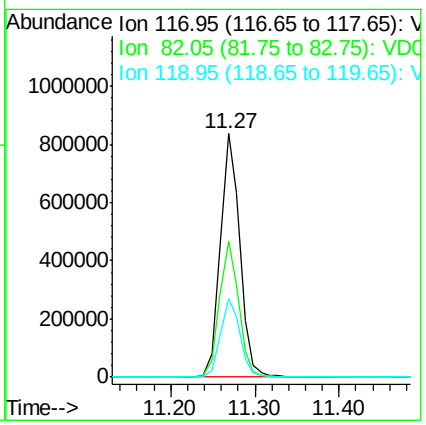


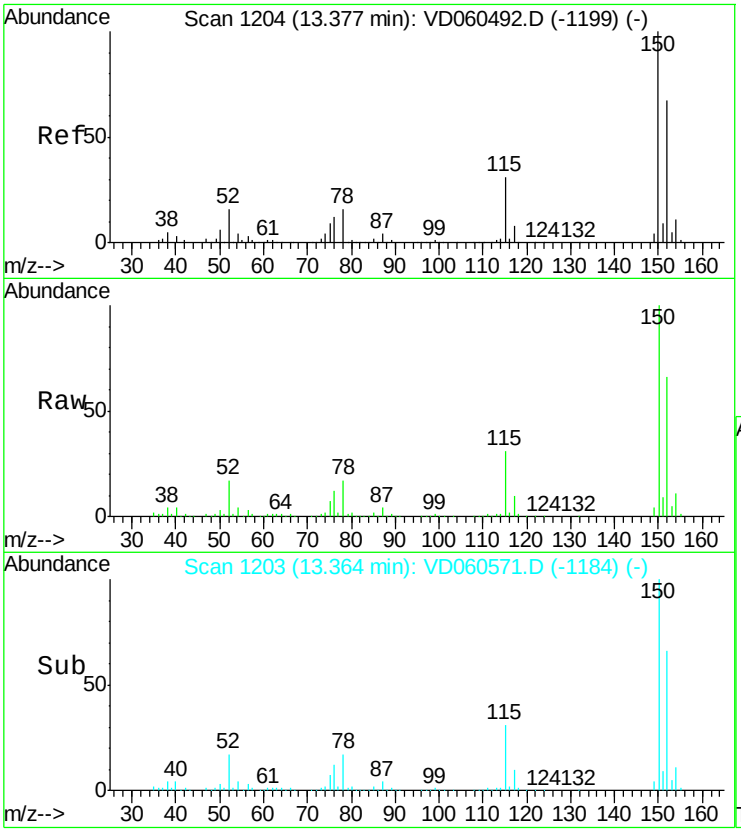


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 990
Delta R.T. -0.01 min
Lab File: VD060571.D
Acq: 14 Dec 2018 14:13

Tgt Ion:117 Resp: 1340151

Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.2	67.8
119	32.5	26.1	39.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.01 min
Lab File: VD060571.D
Acq: 14 Dec 2018 14:13

Instrument :
MSVOA_D
ClientSampleId :
TP-1-A

Tgt Ion:152 Resp: 632745

Ion	Ratio	Lower	Upper
152	100		
115	47.4	24.6	74.0
150	150.5	0.0	309.0