Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD052419\
Data File : VD062533.D
Acq On : 24 May 2019 15:49
Operator : VA/AP
Sample : k2996-04
Misc : 6.39g/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-3(0.5-1.0)

Quant Time: May 24 22:44:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 03:32:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	341224	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	423125	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	301635	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	118374	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	179627	49.18	ug/l	-0.02
Spiked Amount 50.000			Recovery = 98.36%			
35) Dibromofluoromethane	6.92	113	183649	48.11	ug/l	-0.03
Spiked Amount 50.000			Recovery = 96.22%			
50) Toluene-d8	10.40	98	338428	40.51	ug/l	-0.03
Spiked Amount 50.000			Recovery = 81.02%			
62) 4-Bromofluorobenzene	13.55	95	132696	36.31	ug/l	-0.02
Spiked Amount 50.000			Recovery = 72.62%			
Target Compounds						Qvalue
68) m/p-Xylenes	12.66	106	6978	1.946	ug/l #	70
69) o-Xylene	13.05	106	3573	1.056	ug/l	93
84) 1,2,4-Trimethylbenzene	14.24	105	10429	1.575	ug/l	99

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

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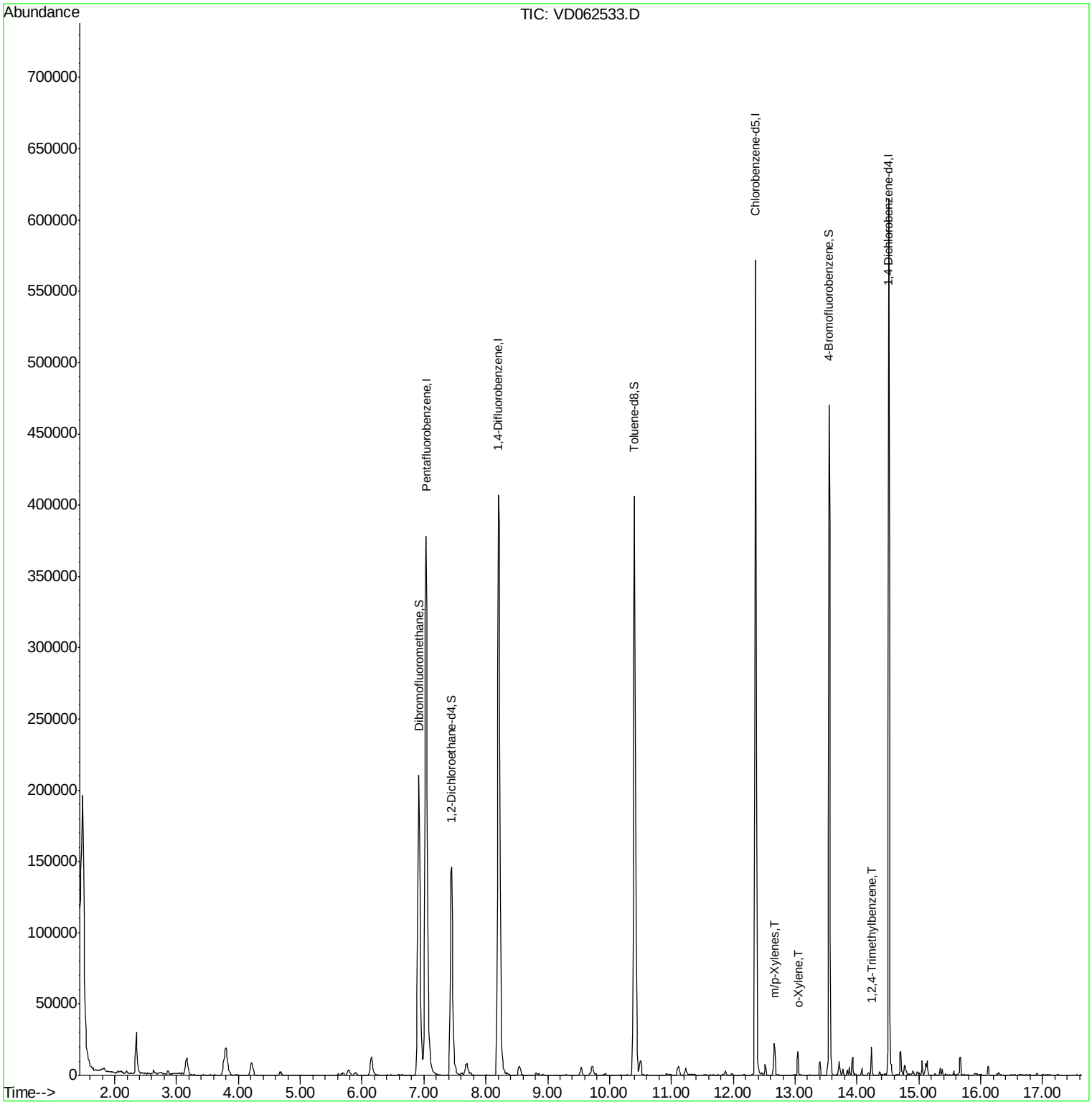
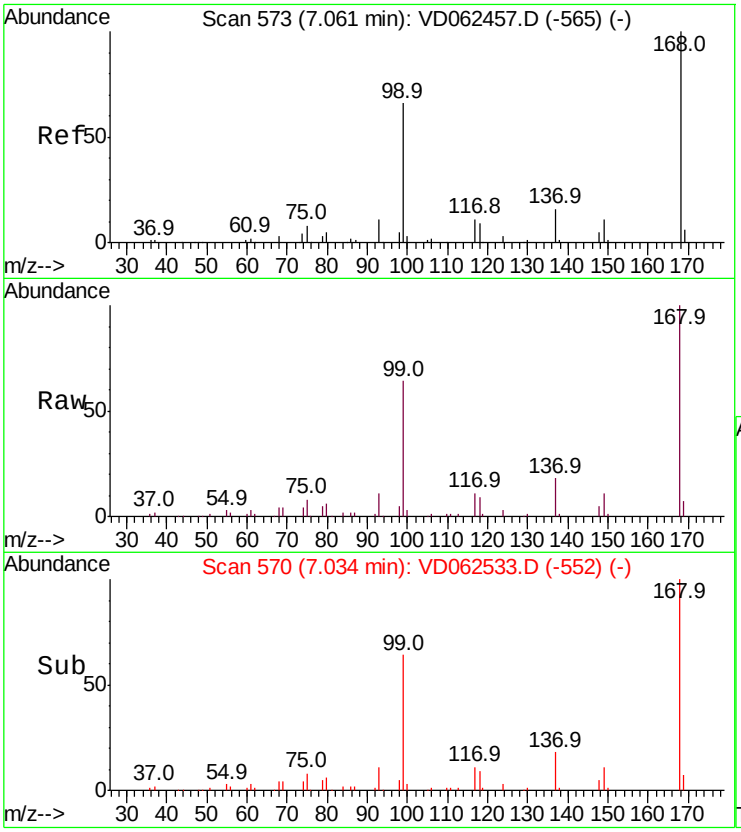


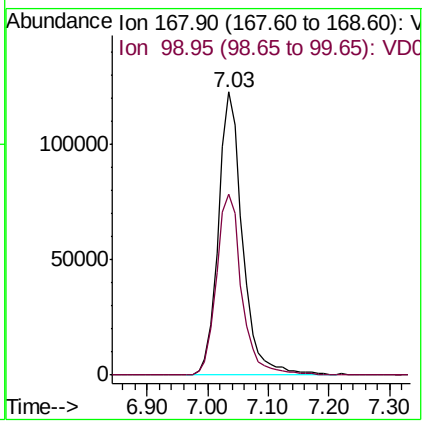


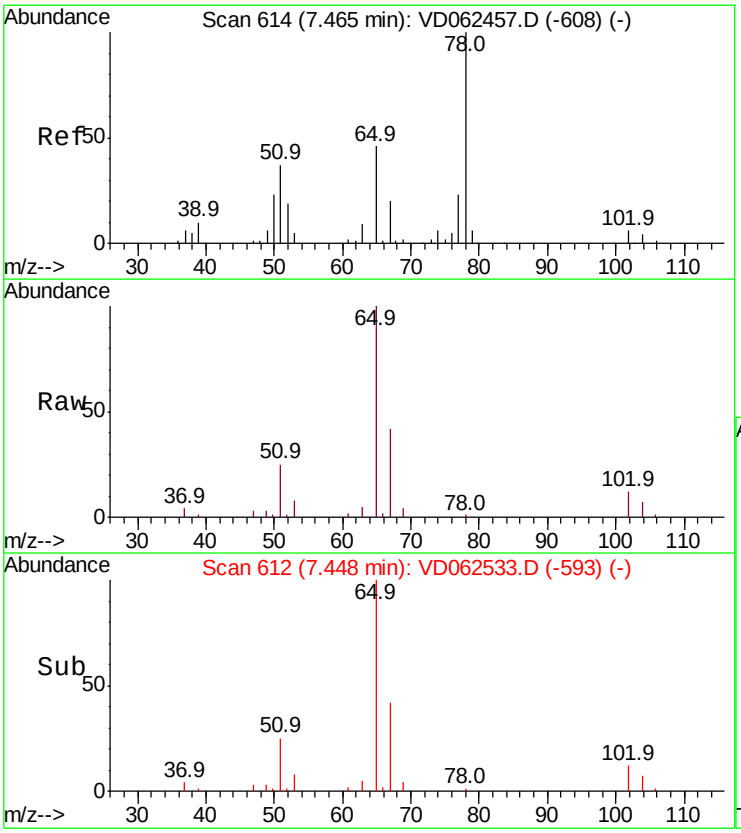
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 570
Delta R.T. -0.03 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Instrument :
MSVOA_D
ClientSampleId :
P-3(0.5-1.0)

Tgt Ion:168 Resp: 341224

Ion	Ratio	Lower	Upper
168	100		
99	63.8	46.5	69.7

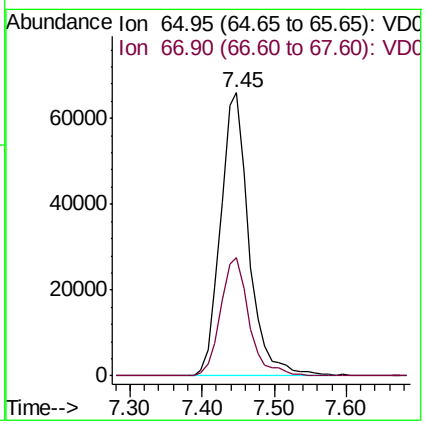


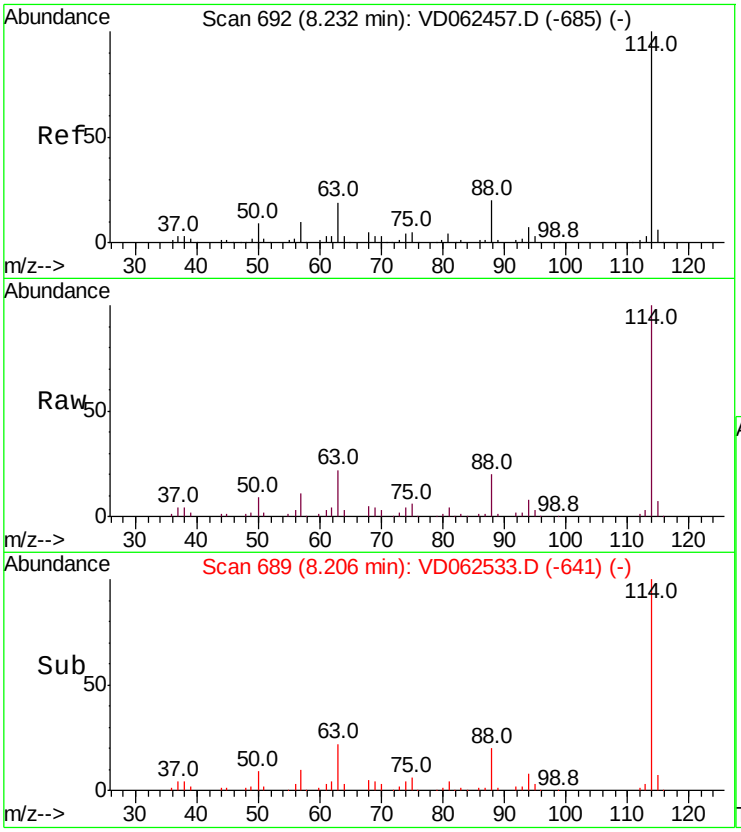


#33
1,2-Dichloroethane-d4
Concen: 49.178 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.02 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Tgt Ion: 65 Resp: 179627

Ion	Ratio	Lower	Upper
65	100		
67	42.0	0.0	98.0



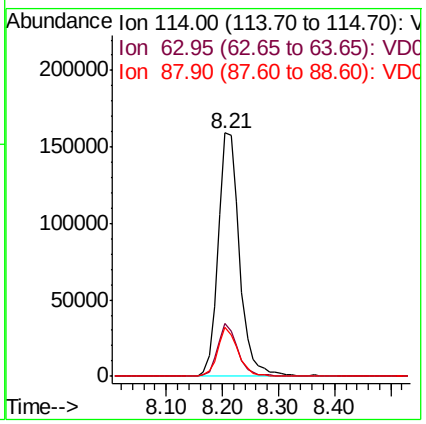


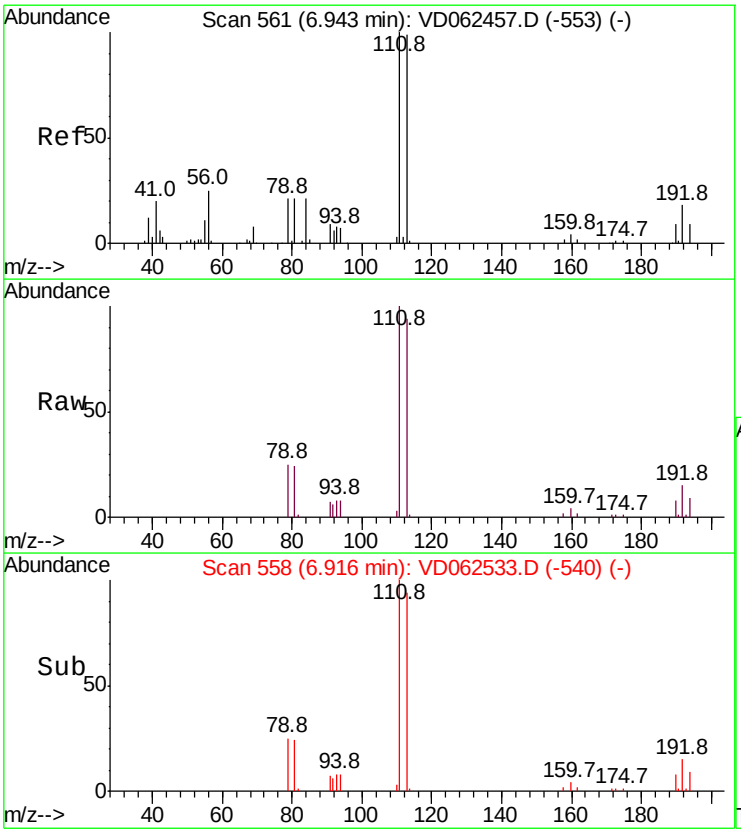
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.21 min Scan# 689
Delta R.T. -0.03 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Instrument :
MSVOA_D
ClientSampleId :
P-3(0.5-1.0)

Tgt Ion:114 Resp: 423125

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	32.4
88	20.1	0.0	33.6

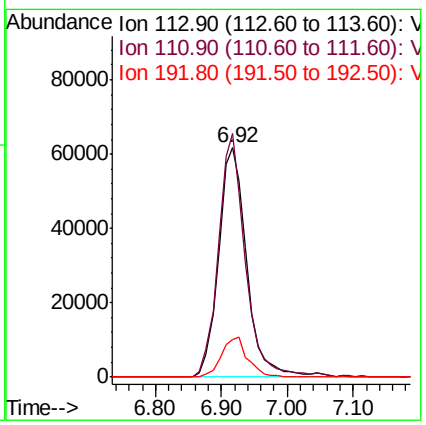


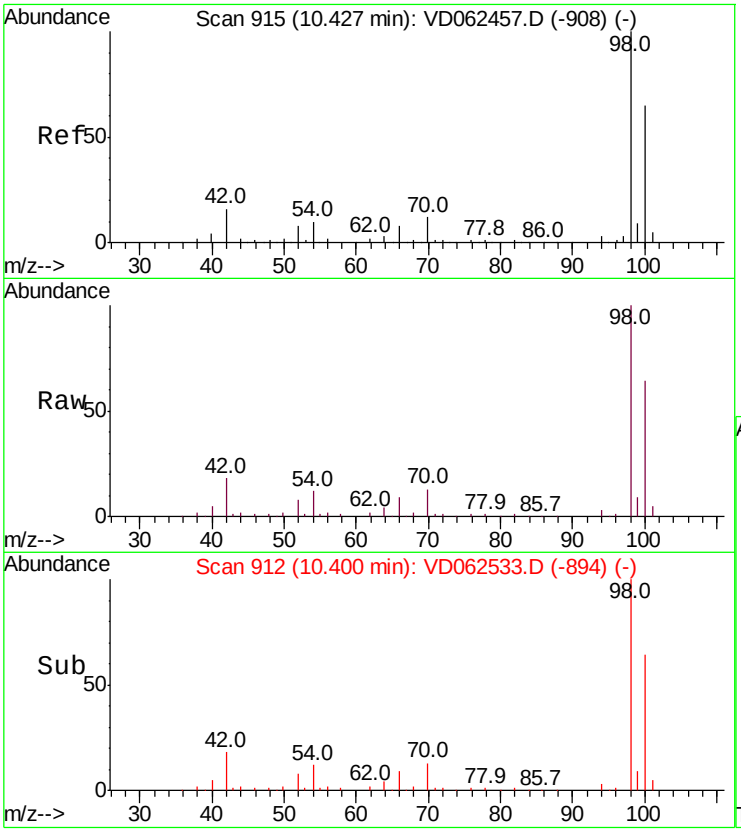


#35
Dibromofluoromethane
Concen: 48.112 ug/l
RT: 6.92 min Scan# 558
Delta R.T. -0.03 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Tgt Ion:113 Resp: 183649

Ion	Ratio	Lower	Upper
113	100		
111	106.1	78.5	117.7
192	16.1	13.0	19.4



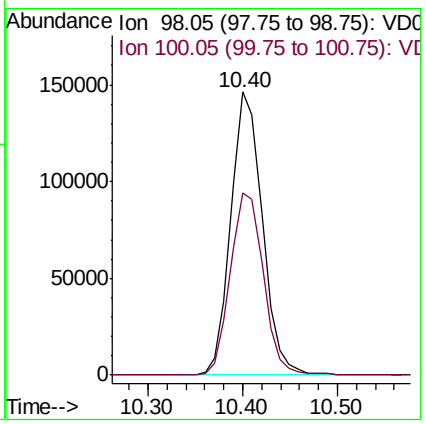


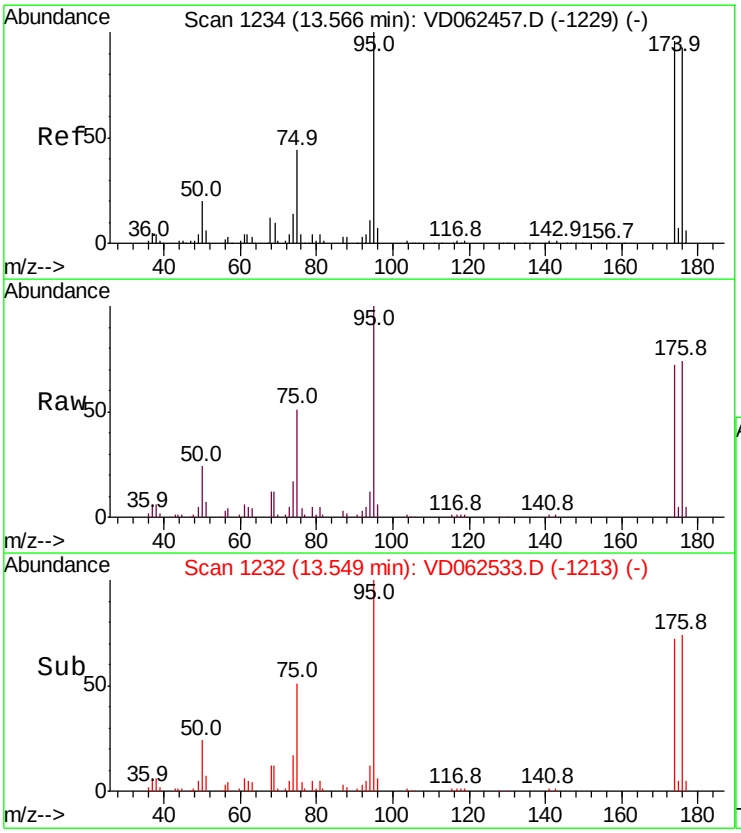
#50
Toluene-d8
Concen: 40.514 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.03 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Instrument : MSVOA_D
ClientSampleId : P-3(0.5-1.0)

Tgt Ion: 98 Resp: 338428

Ion	Ratio	Lower	Upper
98	100		
100	64.2	53.8	80.8

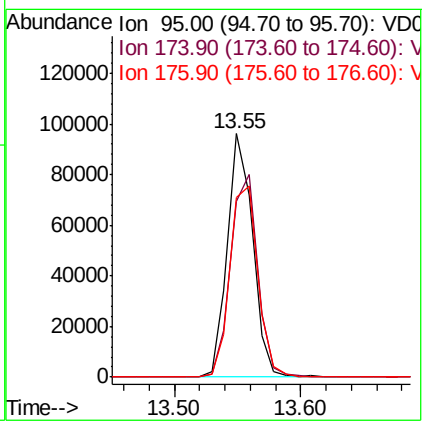


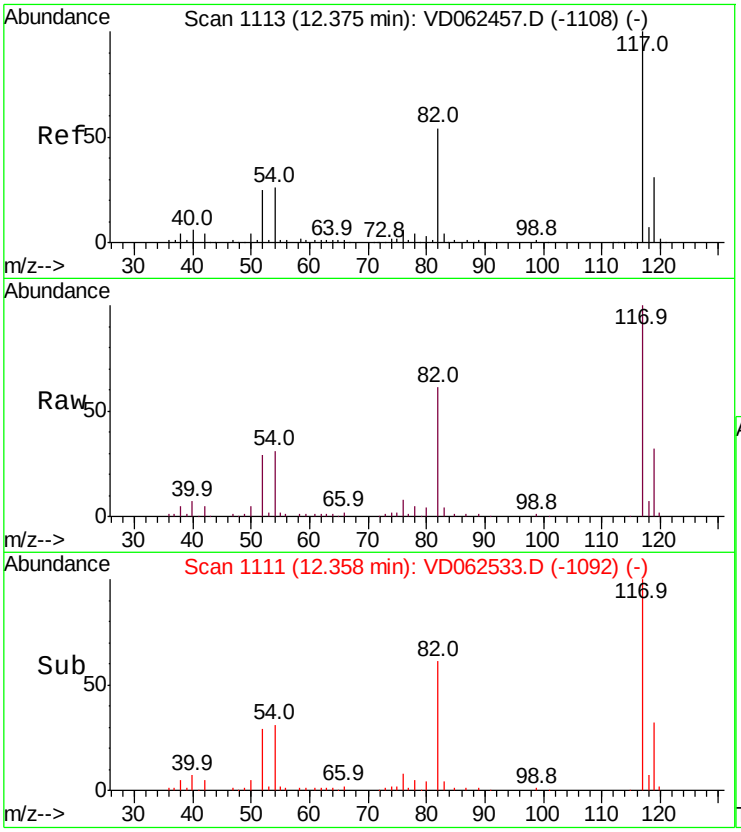


#62
4-Bromofluorobenzene
Concen: 36.315 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.02 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Tgt Ion: 95 Resp: 132696

Ion	Ratio	Lower	Upper
95	100		
174	72.0	0.0	181.8
176	73.9	0.0	174.4



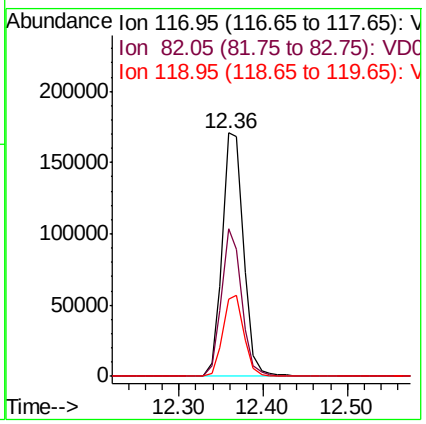


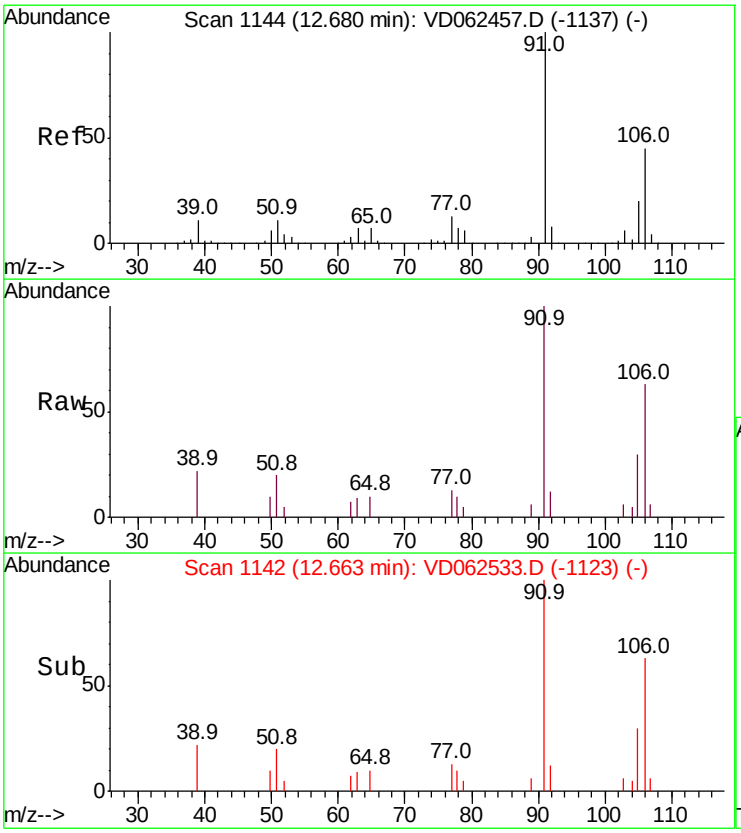
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Instrument : MSVOA_D
ClientSampleId : P-3(0.5-1.0)

Tgt Ion:117 Resp: 301635

Ion	Ratio	Lower	Upper
117	100		
82	60.8	36.2	54.2#
119	31.6	26.2	39.4

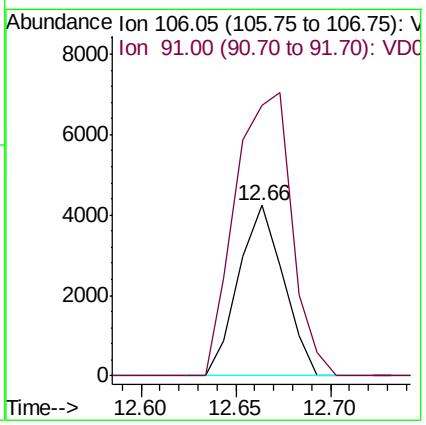


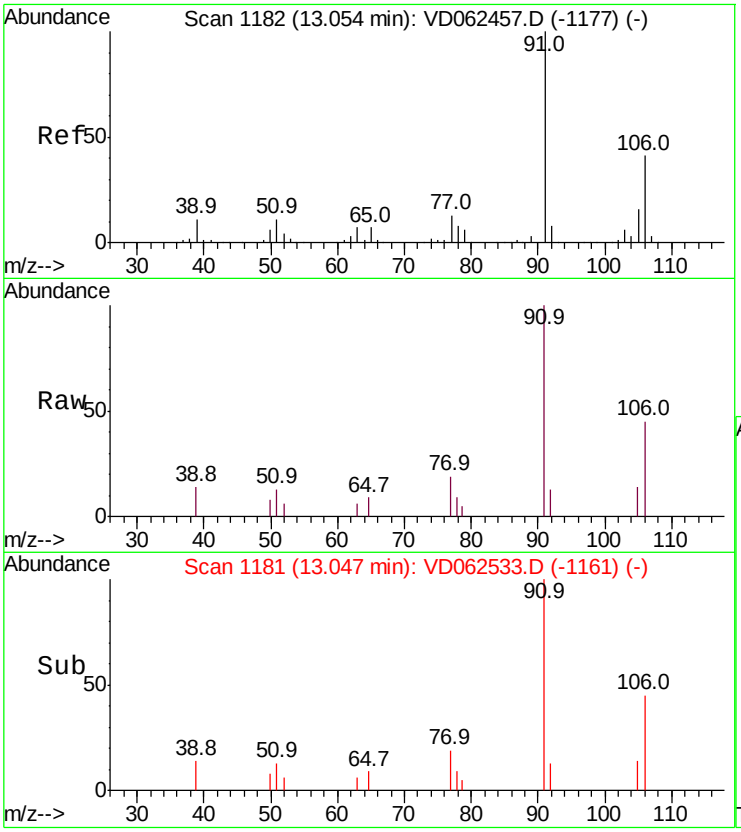


#68
m/p-Xylenes
Concen: 1.946 ug/l
RT: 12.66 min Scan# 1142
Delta R.T. -0.02 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Tgt Ion:106 Resp: 6978

Ion	Ratio	Lower	Upper
106	100		
91	158.3	164.0	246.0#



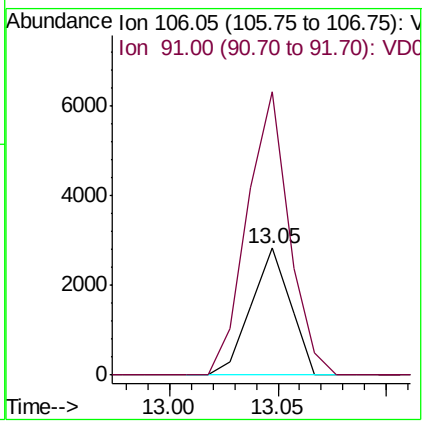


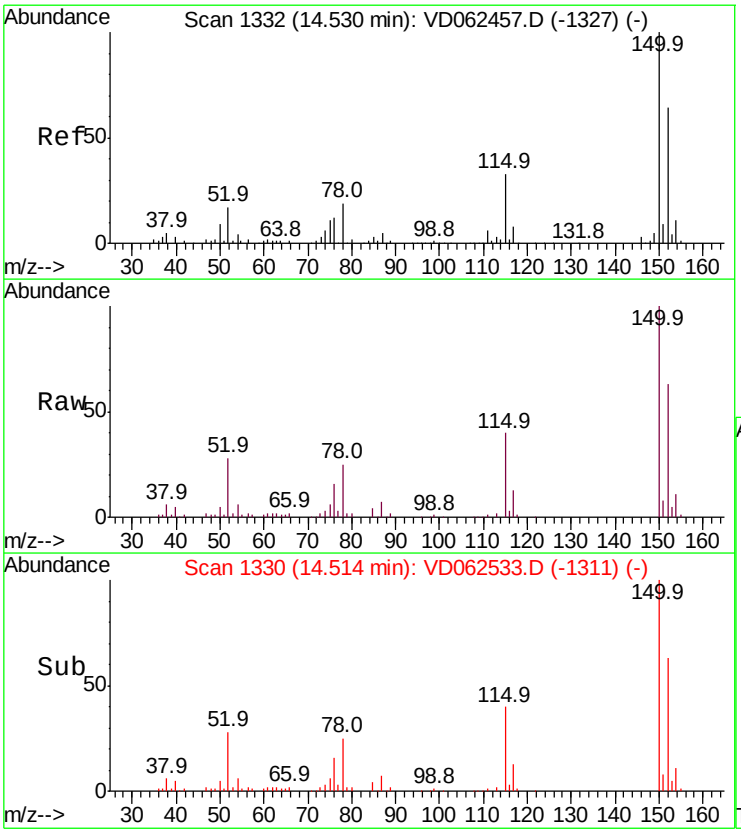
#69
o-Xylene
Concen: 1.056 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Instrument :
MSVOA_D
ClientSampleId :
P-3(0.5-1.0)

Tgt Ion:106 Resp: 3573

Ion	Ratio	Lower	Upper
106	100		
91	223.6	106.7	319.9

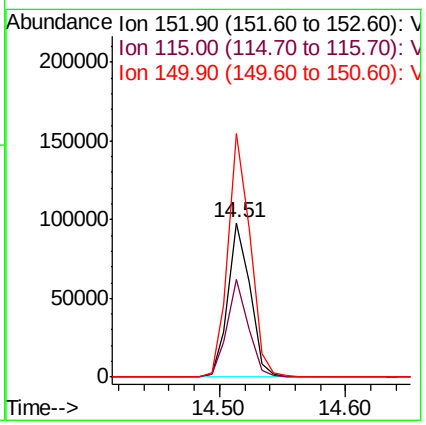


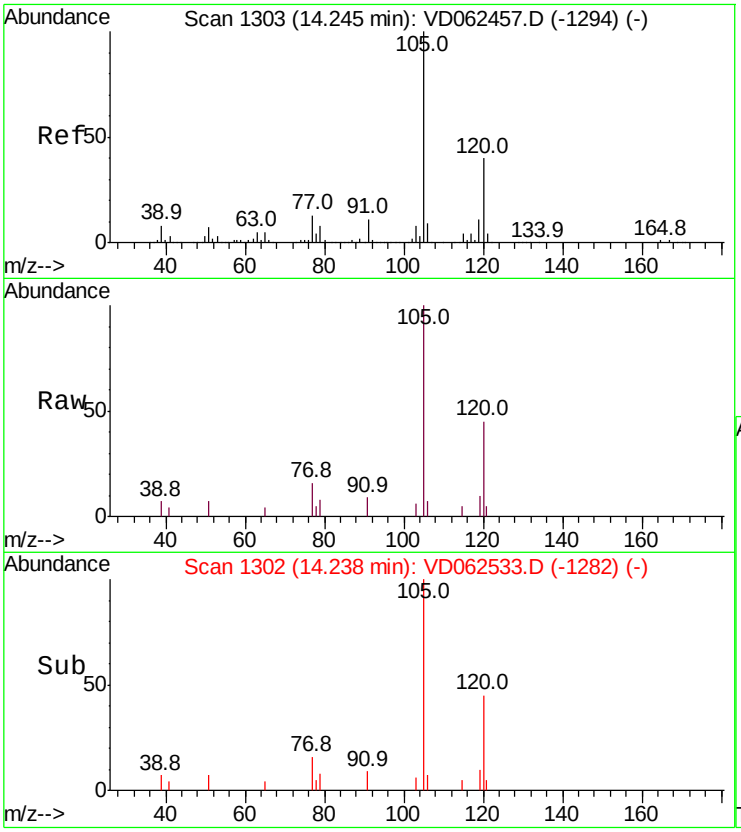


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.02 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Tgt Ion:152 Resp: 118374

Ion	Ratio	Lower	Upper
152	100		
115	63.7	30.9	92.7
150	157.8	0.0	314.8





#84
1,2,4-Trimethylbenzene
Concen: 1.575 ug/l
RT: 14.24 min Scan# 1302
Delta R.T. -0.01 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Instrument :
MSVOA_D
ClientSampleId :
P-3(0.5-1.0)

Tgt Ion:105 Resp: 10429

Ion	Ratio	Lower	Upper
105	100		
120	45.3	23.1	69.2