Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032019\
Data File : VD061209.D
Acq On : 20 Mar 2019 15:45
Operator : VA/AP
Sample : K1980-01RE
Misc : 5.02g/5ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : WCXY2RE

Quant Time: Mar 22 02:00:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	178318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	316003	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	77506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	90354	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	123239	83.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 166.06%			
35) Dibromofluoromethane	6.91	113	161472	68.85	ug/l	-0.01
Spiked Amount 50.000			Recovery = 137.70%			
50) Toluene-d8	10.40	98	133799	22.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 45.44%			
62) 4-Bromofluorobenzene	13.55	95	109676	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.00%			
Target Compounds						Qvalue
5) Bromomethane	2.17	94	188	Below Cal	#	8
16) Acetone	3.22	43	10033	23.638	ug/l #	89
20) Methylene Chloride	3.82	84	8838	Below Cal		85
31) Cyclohexane	7.04	56	2814	1.071	ug/l #	1
36) 1,1-Dichloropropene	7.03	75	12245	4.495	ug/l #	39
38) Carbon Tetrachloride	7.04	117	15874	5.291	ug/l #	11
67) Ethyl Benzene	12.52	91	10263	4.537	ug/l	91
68) m/p-Xylenes	12.66	106	28431	32.022	ug/l	83
69) o-Xylene	13.05	106	764478	875.965	ug/l	100
70) Styrene	13.05	104	34062	23.902	ug/l #	1
73) Isopropylbenzene	13.39	105	7214	1.108	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.55	75	39683	103.546	ug/l #	17

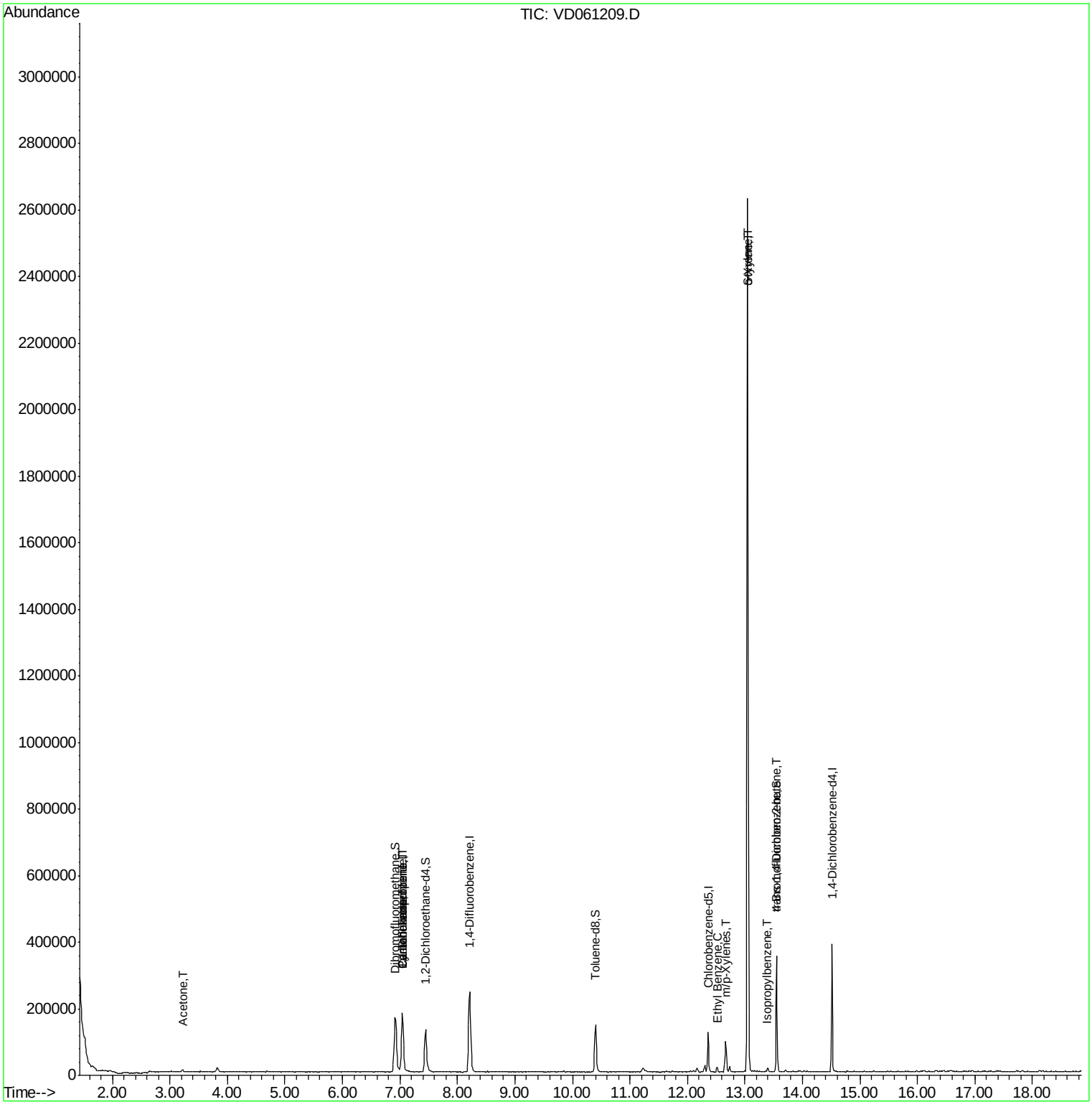
(#) = qualifier out of range (m) = manual integration (+) = signals summed

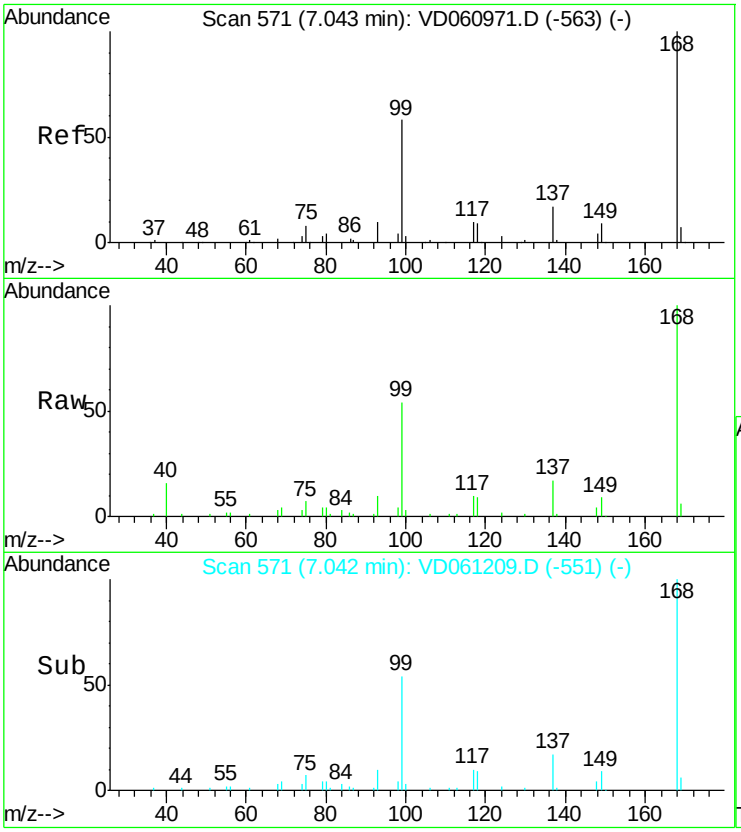
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032019\
Data File : VD061209.D
Acq On : 20 Mar 2019 15:45
Operator : VA/AP
Sample : K1980-01RE
Misc : 5.02g/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : WCXY2RE

Quant Time: Mar 22 02:00:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration



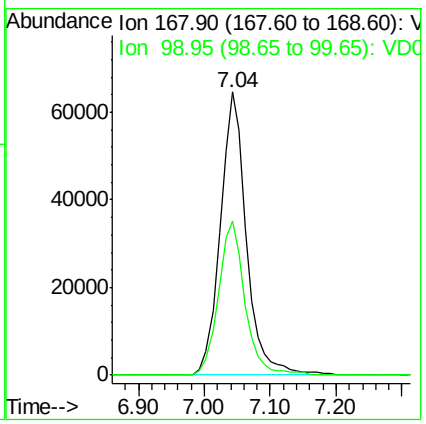


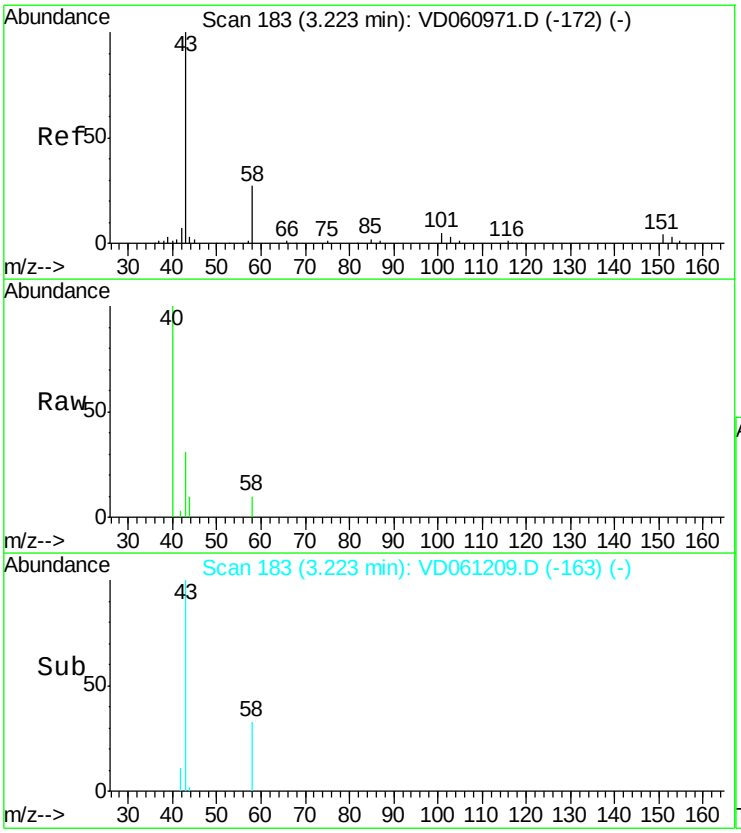
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.00 min
Lab File: VD061209.D
Acq: 20 Mar 2019 15:45

Instrument :
MSVOA_D
ClientSampleId :
WCXY2RE

Tgt Ion:168 Resp: 178318

Ion	Ratio	Lower	Upper
168	100		
99	54.4	47.3	70.9

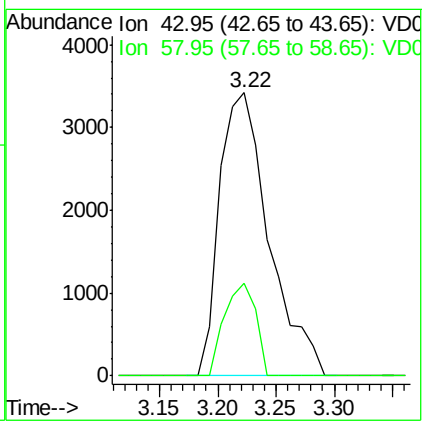


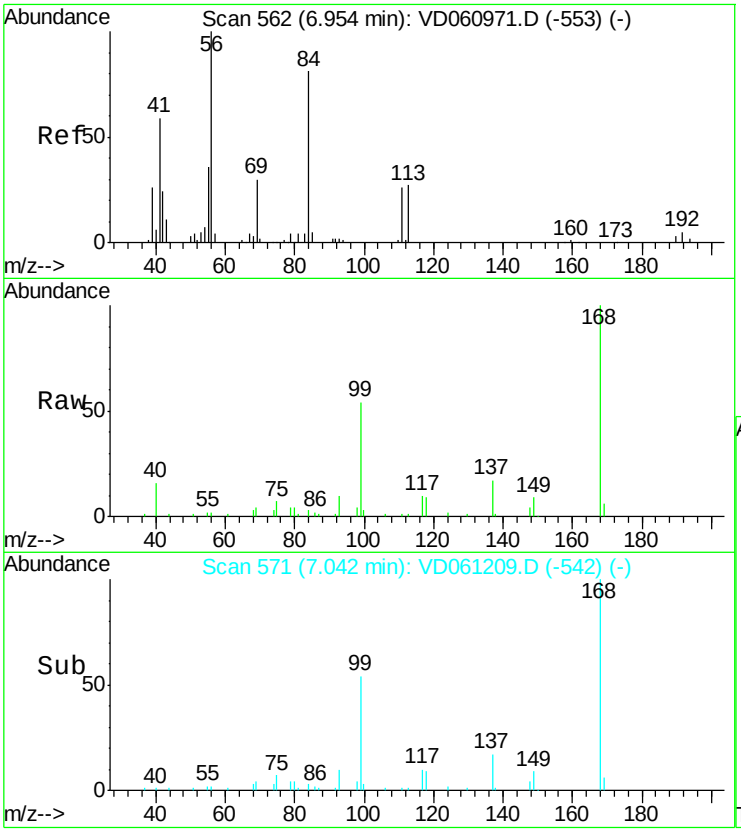


#16
Acetone
Concen: 23.638 ug/l
RT: 3.22 min Scan# 183
Delta R.T. -0.00 min
Lab File: VD061209.D
Acq: 20 Mar 2019 15:45

Tgt Ion: 43 Resp: 10033

Ion	Ratio	Lower	Upper
43	100		
58	32.8	21.6	32.4#



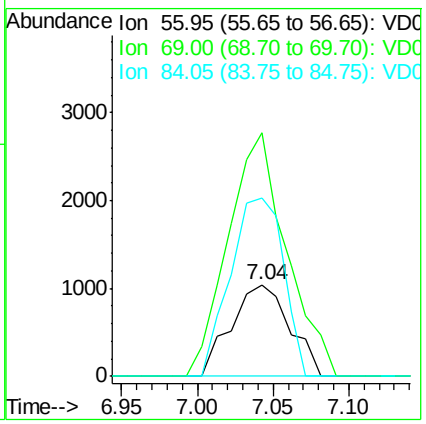


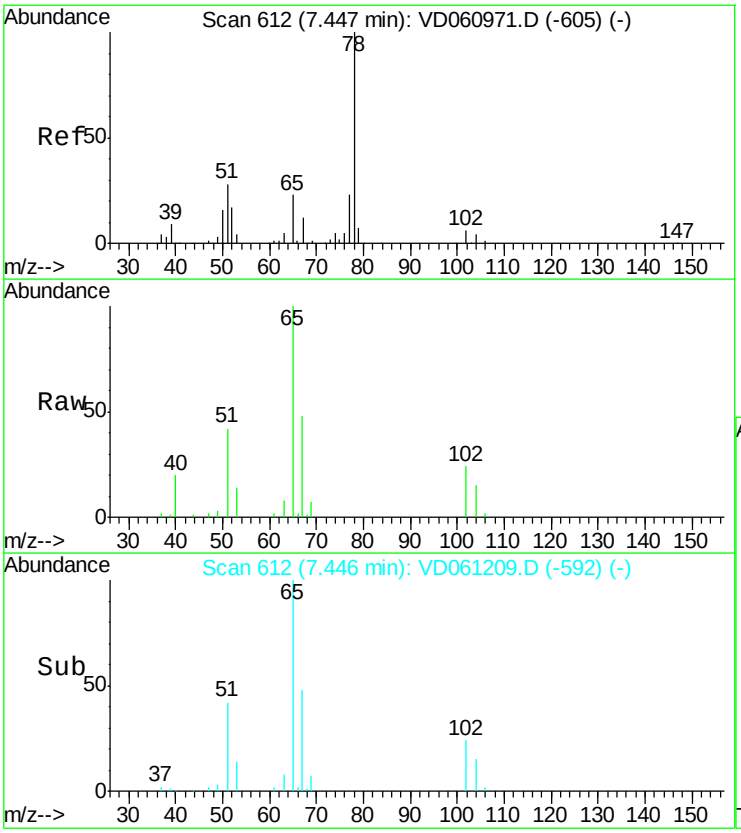
#31
Cyclohexane
Concen: 1.071 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.09 min
Lab File: VD061209.D
Acq: 20 Mar 2019 15:45

Instrument : MSVOA_D
ClientSampleId : WCXY2RE

Tgt Ion: 56 Resp: 2814

Ion	Ratio	Lower	Upper
56	100		
69	266.2	24.0	36.0#
84	194.3	65.8	98.6#

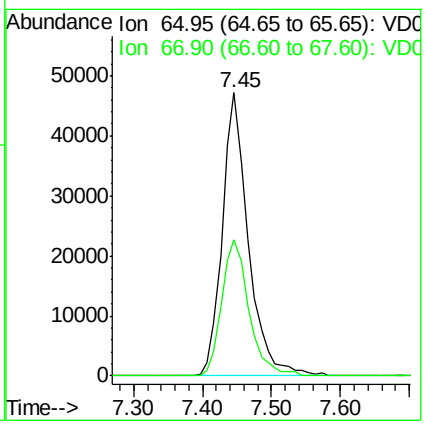


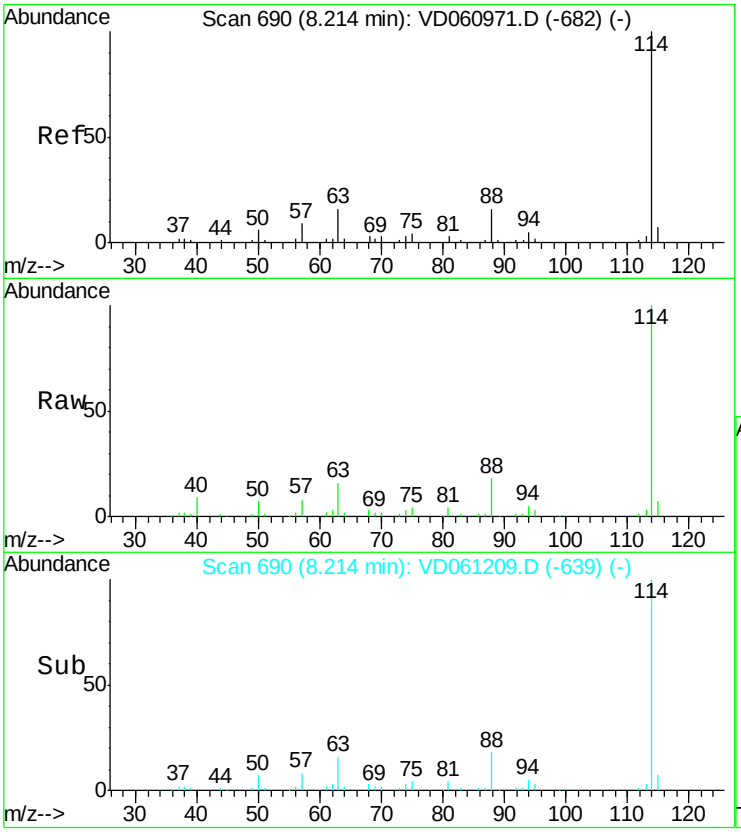


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.00 min
Lab File: VD061209.D
Acq: 20 Mar 2019 15:45

Tgt Ion: 65 Resp: 123239

Ion	Ratio	Lower	Upper
65	100		
67	47.9	0.0	105.2



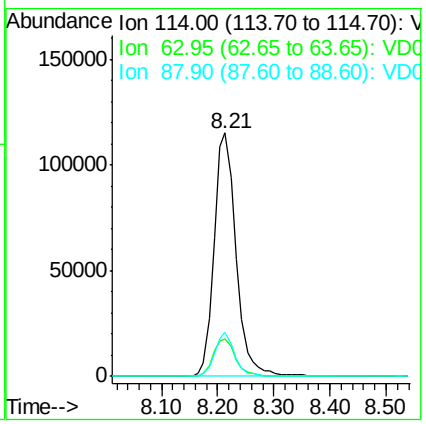


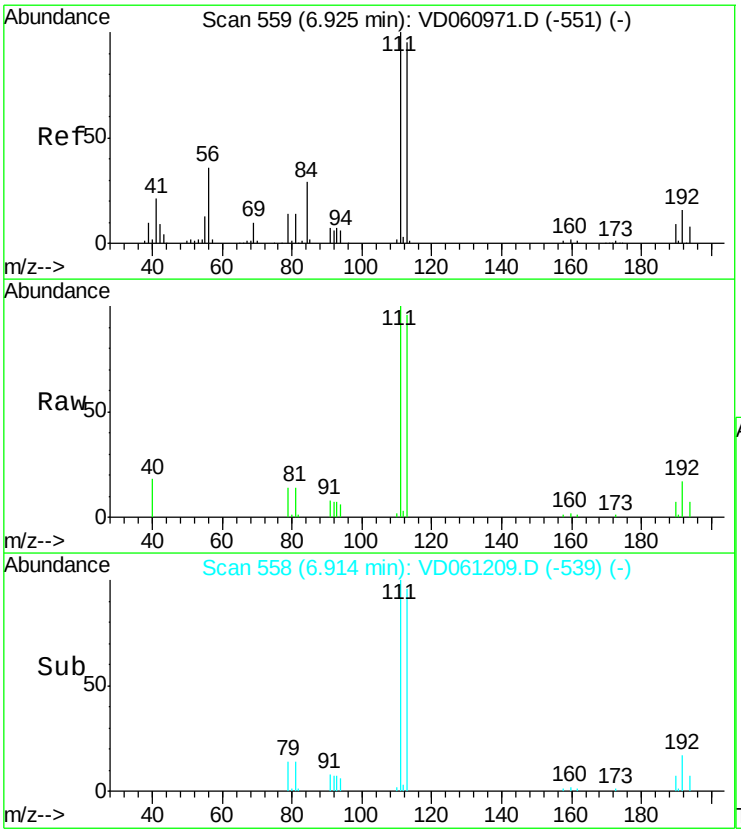
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.21 min Scan# 690
Delta R.T. -0.00 min
Lab File: VD061209.D
Acq: 20 Mar 2019 15:45

Instrument :
MSVOA_D
ClientSampleId :
WCXY2RE

Tgt Ion:114 Resp: 316003

Ion	Ratio	Lower	Upper
114	100		
63	15.5	0.0	31.4
88	18.1	0.0	33.0

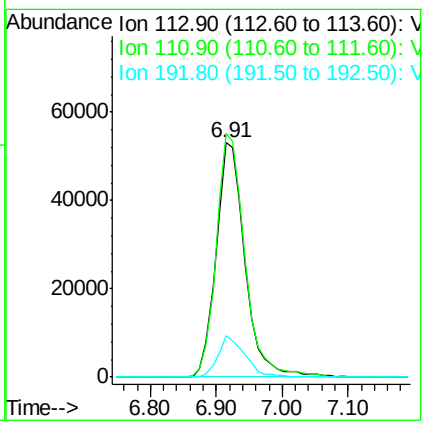


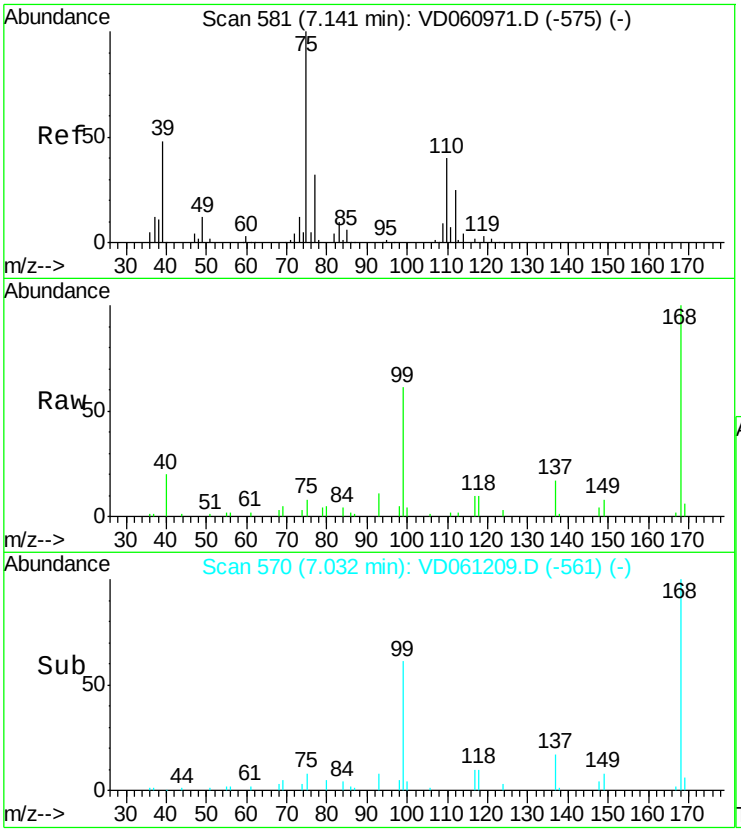


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.91 min Scan# 558
Delta R.T. -0.01 min
Lab File: VD061209.D
Acq: 20 Mar 2019 15:45

Tgt Ion:113 Resp: 161472

Ion	Ratio	Lower	Upper
113	100		
111	103.8	84.2	126.4
192	17.4	13.1	19.7



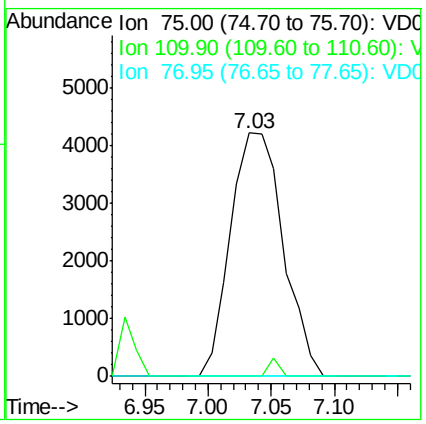


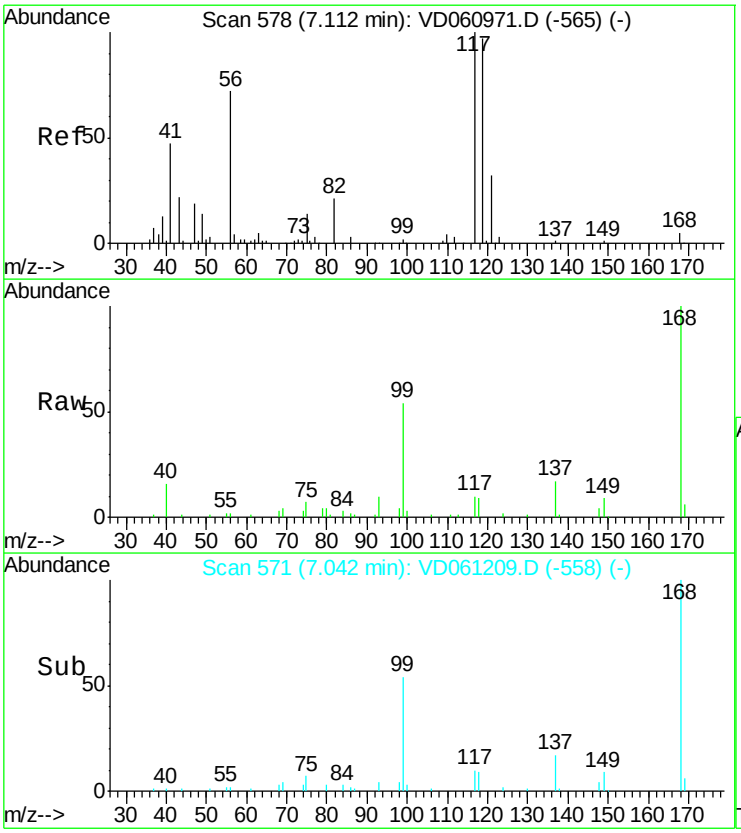
#36
1,1-Dichloropropene
Concen: 4.495 ug/l
RT: 7.03 min Scan# 570
Delta R.T. -0.11 min
Lab File: VD061209.D
Acq: 20 Mar 2019 15:45

Instrument :
MSVOA_D
ClientSampleId :
WCXY2RE

Tgt Ion: 75 Resp: 12245

Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.7	59.1#
77	0.0	24.7	37.1#

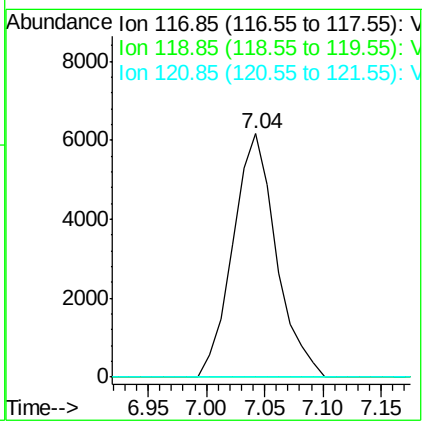


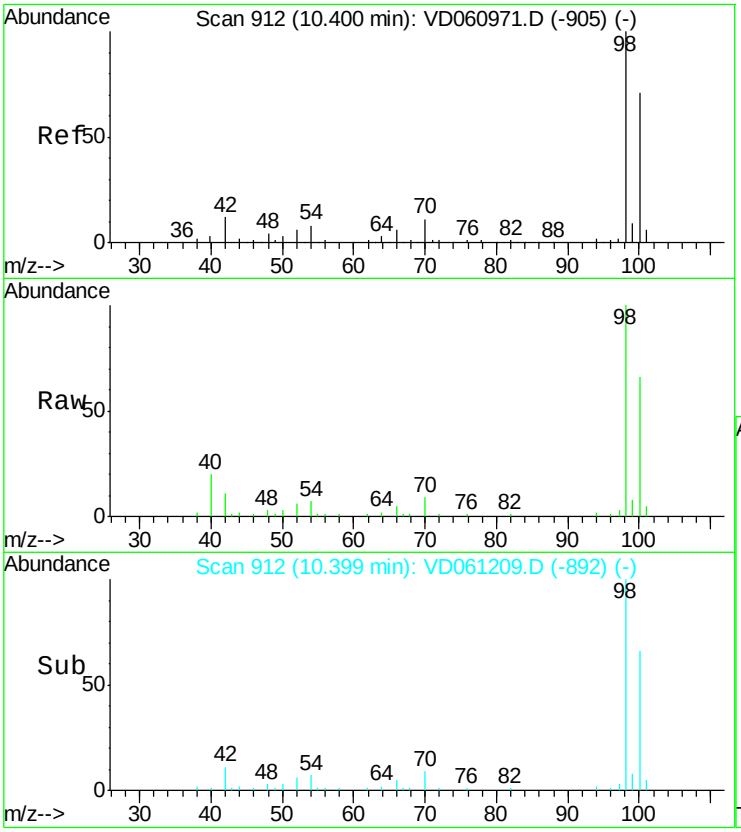


#38
Carbon Tetrachloride
Concen: 5.291 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.07 min
Lab File: VD061209.D
Acq: 20 Mar 2019 15:45

Tgt Ion:117 Resp: 15874

Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.8	116.8#
121	0.0	25.3	37.9#



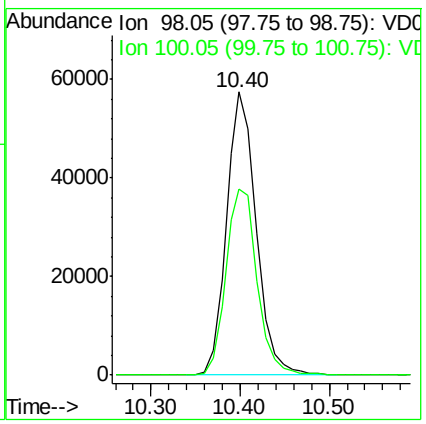


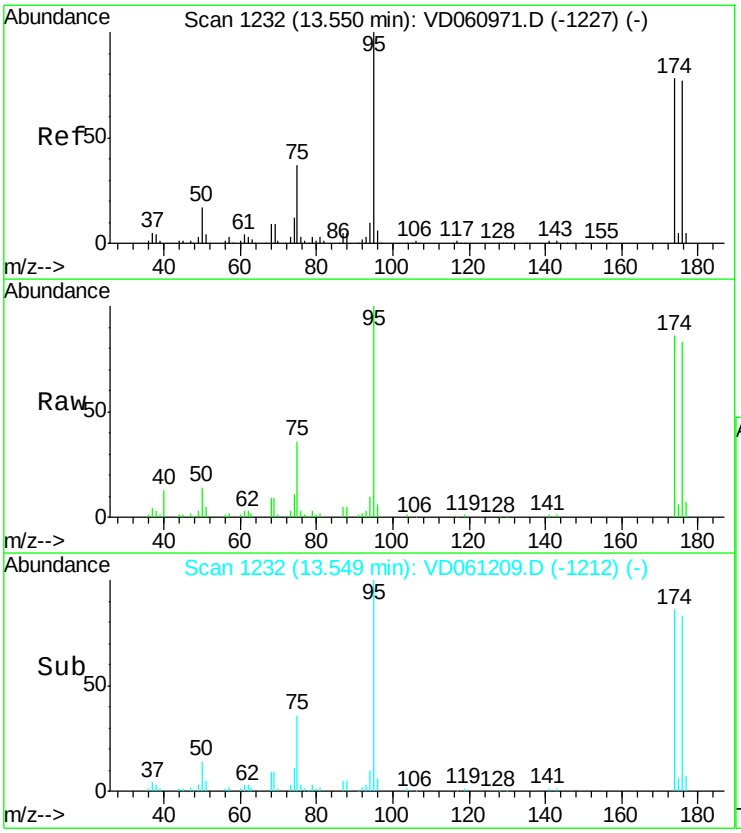
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD061209.D
Acq: 20 Mar 2019 15:45

Instrument : MSVOA_D
ClientSampleId : WCXY2RE

Tgt Ion: 98 Resp: 133799

Ion	Ratio	Lower	Upper
98	100		
100	65.7	57.4	86.2

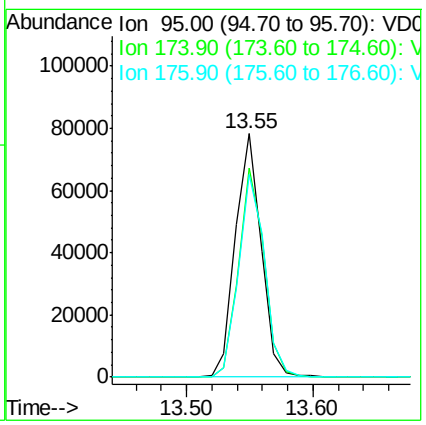


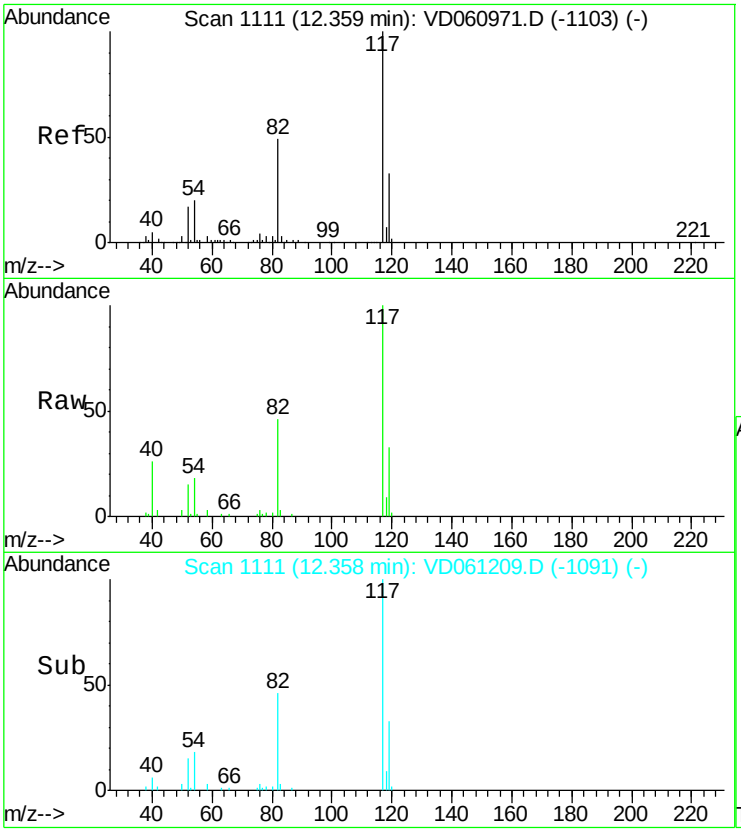


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD061209.D
Acq: 20 Mar 2019 15:45

Tgt Ion: 95 Resp: 109676

Ion	Ratio	Lower	Upper
95	100		
174	86.0	0.0	155.6
176	83.2	0.0	153.8



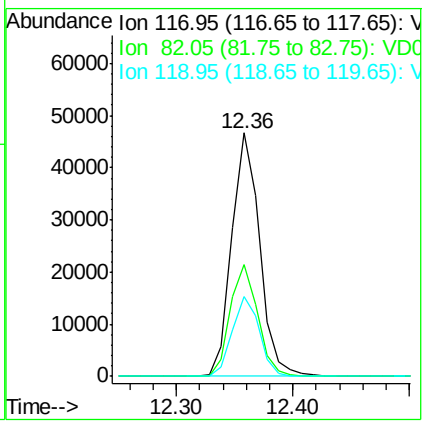


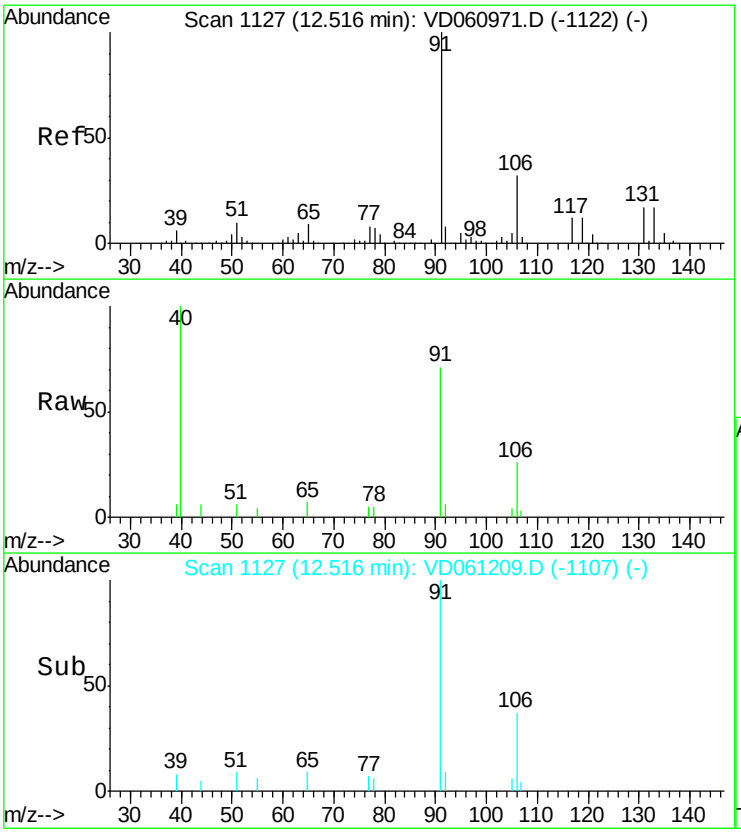
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD061209.D
Acq: 20 Mar 2019 15:45

Instrument : MSVOA_D
ClientSampleId : WCXY2RE

Tgt Ion:117 Resp: 77506

Ion	Ratio	Lower	Upper
117	100		
82	45.7	38.9	58.3
119	32.9	26.6	39.8

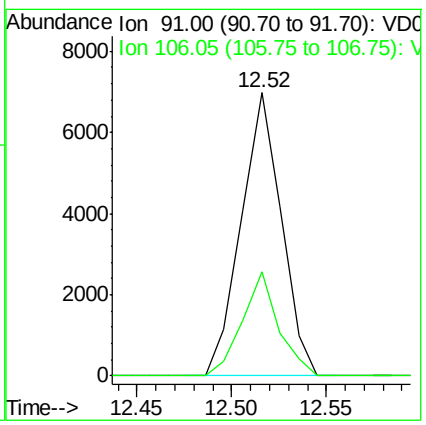


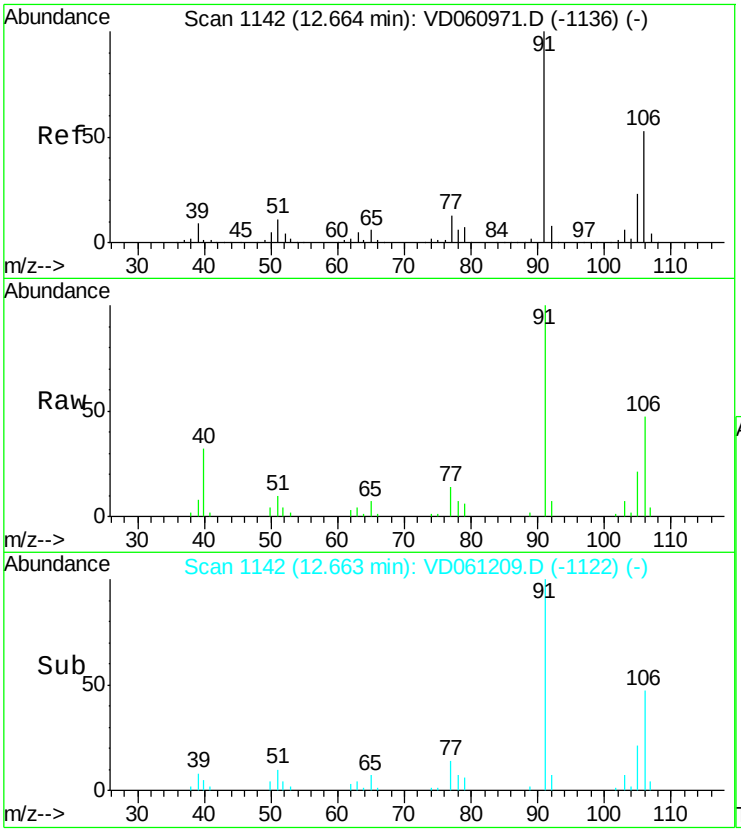


#67
Ethyl Benzene
Concen: 4.537 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VD061209.D
Acq: 20 Mar 2019 15:45

Tgt Ion: 91 Resp: 10263

Ion	Ratio	Lower	Upper
91	100		
106	36.9	25.7	38.5



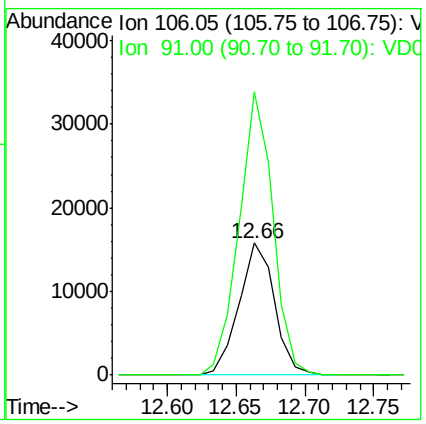


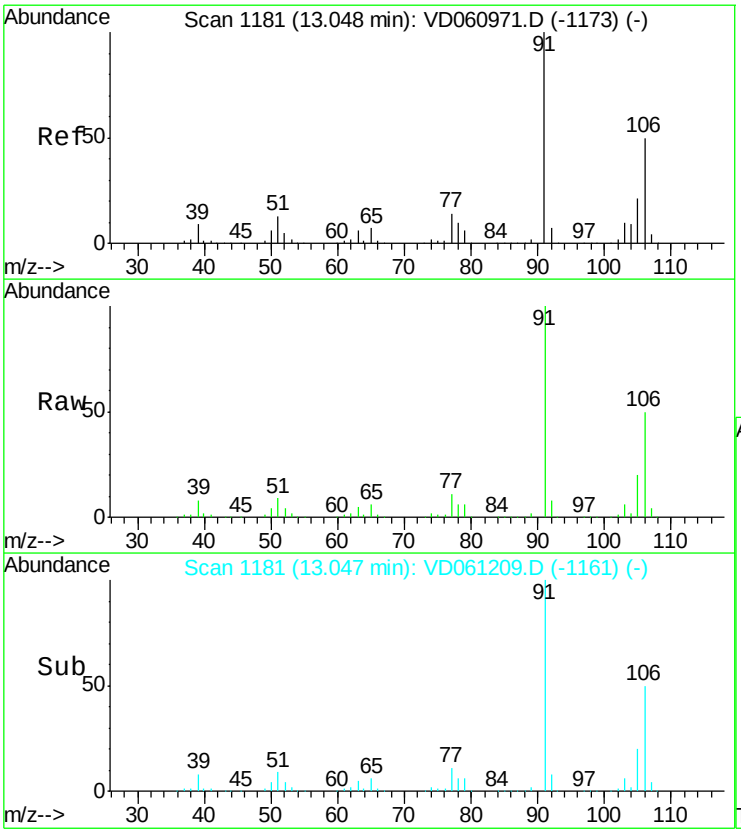
#68
m/p-Xylenes
Concen: 32.022 ug/l
RT: 12.66 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VD061209.D
Acq: 20 Mar 2019 15:45

Instrument :
MSVOA_D
ClientSampleId :
WCXY2RE

Tgt Ion:106 Resp: 28431

Ion	Ratio	Lower	Upper
106	100		
91	214.2	152.0	228.0

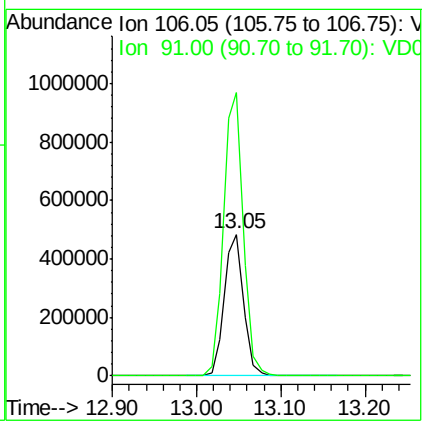


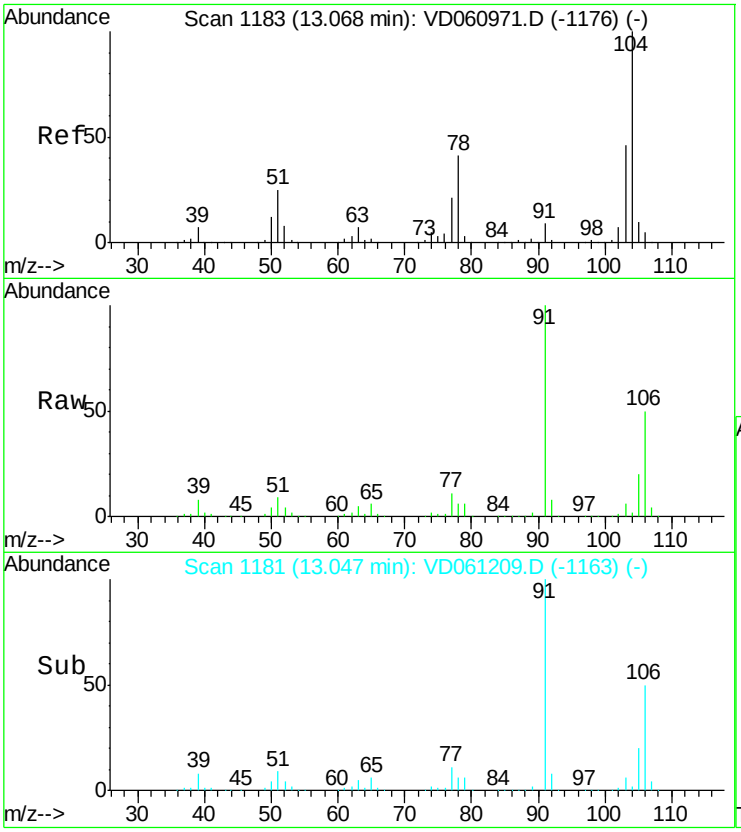


#69
o-Xylene
Concen: 875.965 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD061209.D
Acq: 20 Mar 2019 15:45

Tgt Ion:106 Resp: 764478

Ion	Ratio	Lower	Upper
106	100		
91	200.1	99.8	299.3



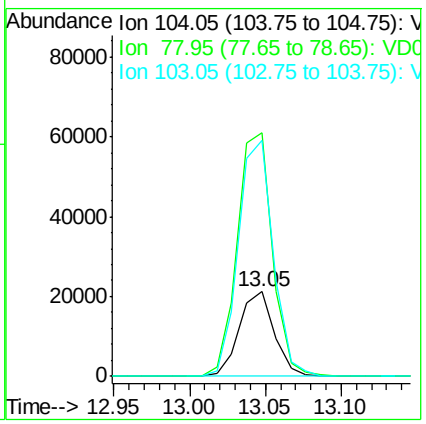


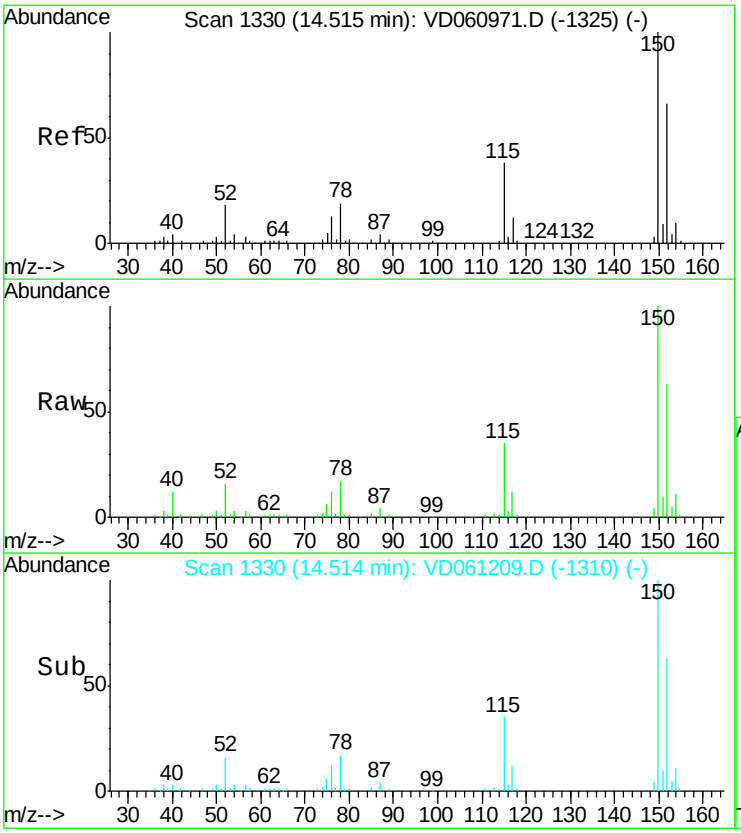
#70
Stvrene
Concen: 23.902 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.02 min
Lab File: VD061209.D
Acq: 20 Mar 2019 15:45

Instrument :
MSVOA_D
ClientSampleId :
WCXY2RE

Tgt Ion:104 Resp: 34062

Ion	Ratio	Lower	Upper
104	100		
78	288.8	33.0	49.4#
103	279.9	37.1	55.7#

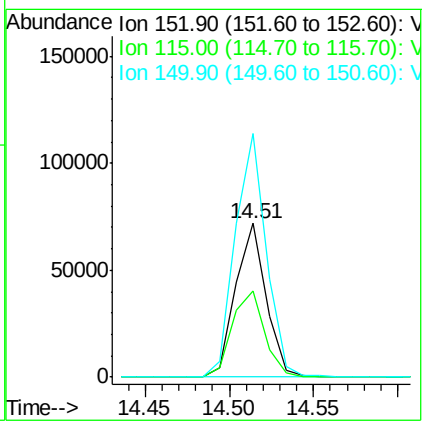


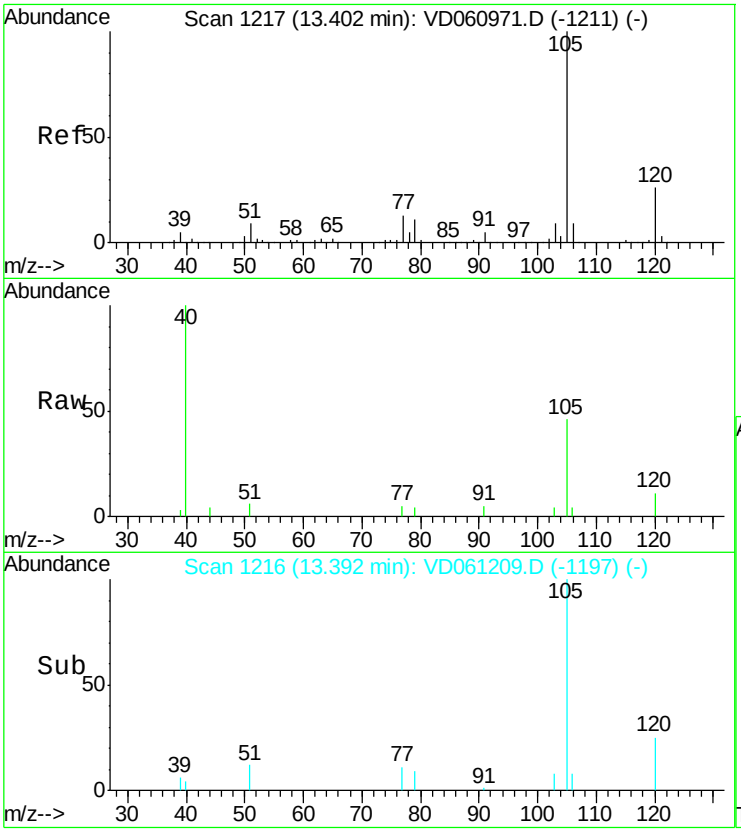


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061209.D
Acq: 20 Mar 2019 15:45

Tgt Ion:152 Resp: 90354

Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.6	85.9
150	158.4	0.0	310.6



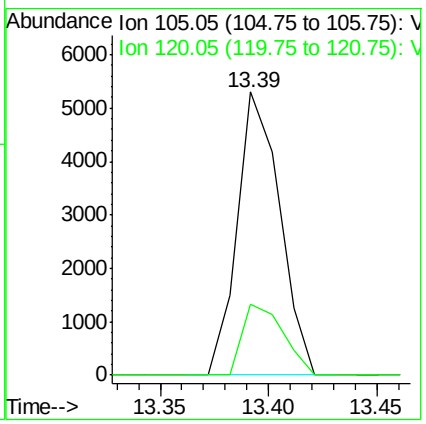


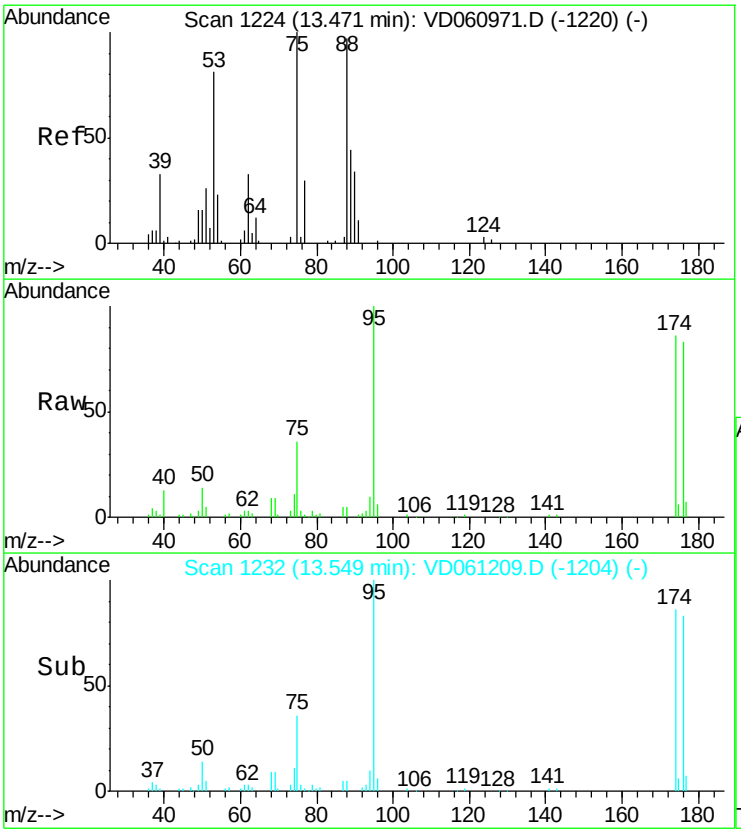
#73
Isopropylbenzene
Concen: 1.108 ug/l
RT: 13.39 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VD061209.D
Acq: 20 Mar 2019 15:45

Instrument :
MSVOA_D
ClientSampleId :
WCXY2RE

Tgt Ion:105 Resp: 7214

Ion	Ratio	Lower	Upper
105	100		
120	24.9	12.8	38.4





#81
trans-1,4-Dichloro-2-butene
Concen: 103.546 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.08 min
Lab File: VD061209.D
Acq: 20 Mar 2019 15:45

Tgt Ion: 75 Resp: 39683

Ion	Ratio	Lower	Upper
75	100		
53	0.0	64.4	96.6#
89	0.0	34.8	52.2#