Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121318\
Data File : VD060559.D
Acq On : 13 Dec 2018 14:21
Operator : VA/AP
Sample : J6199-07
Misc : 6.16g/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SU-04-121218-B

Quant Time: Dec 14 01:39:47 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	1534453	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.43	114	2149053	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	1636136	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	682275	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	430608	39.59	ug/l	-0.03
Spiked Amount 50.000			Recovery = 79.18%			
35) Dibromofluoromethane	6.31	113	609684	38.62	ug/l	-0.03
Spiked Amount 50.000			Recovery = 77.24%			
50) Toluene-d8	9.43	98	1547870	33.89	ug/l	-0.03
Spiked Amount 50.000			Recovery = 67.78%			
62) 4-Bromofluorobenzene	12.41	95	541167	33.11	ug/l	-0.03
Spiked Amount 50.000			Recovery = 66.22%			
Target Compounds						Qvalue
16) Acetone	3.16	43	63543	36.449	ug/l	95
20) Methylene Chloride	3.72	84	207726	9.340	ug/l	97
52) Toluene	9.52	92	109151	3.253	ug/l	96
68) m/p-Xylenes	11.54	106	79842	3.655	ug/l	90
69) o-Xylene	11.91	106	46018	2.211	ug/l	74
80) 1,3,5-Trimethylbenzene	12.78	105	73045	1.980	ug/l	97
84) 1,2,4-Trimethylbenzene	13.08	105	277960	7.277	ug/l	97
95) Naphthalene	14.96	128	58242	3.335	ug/l	99

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

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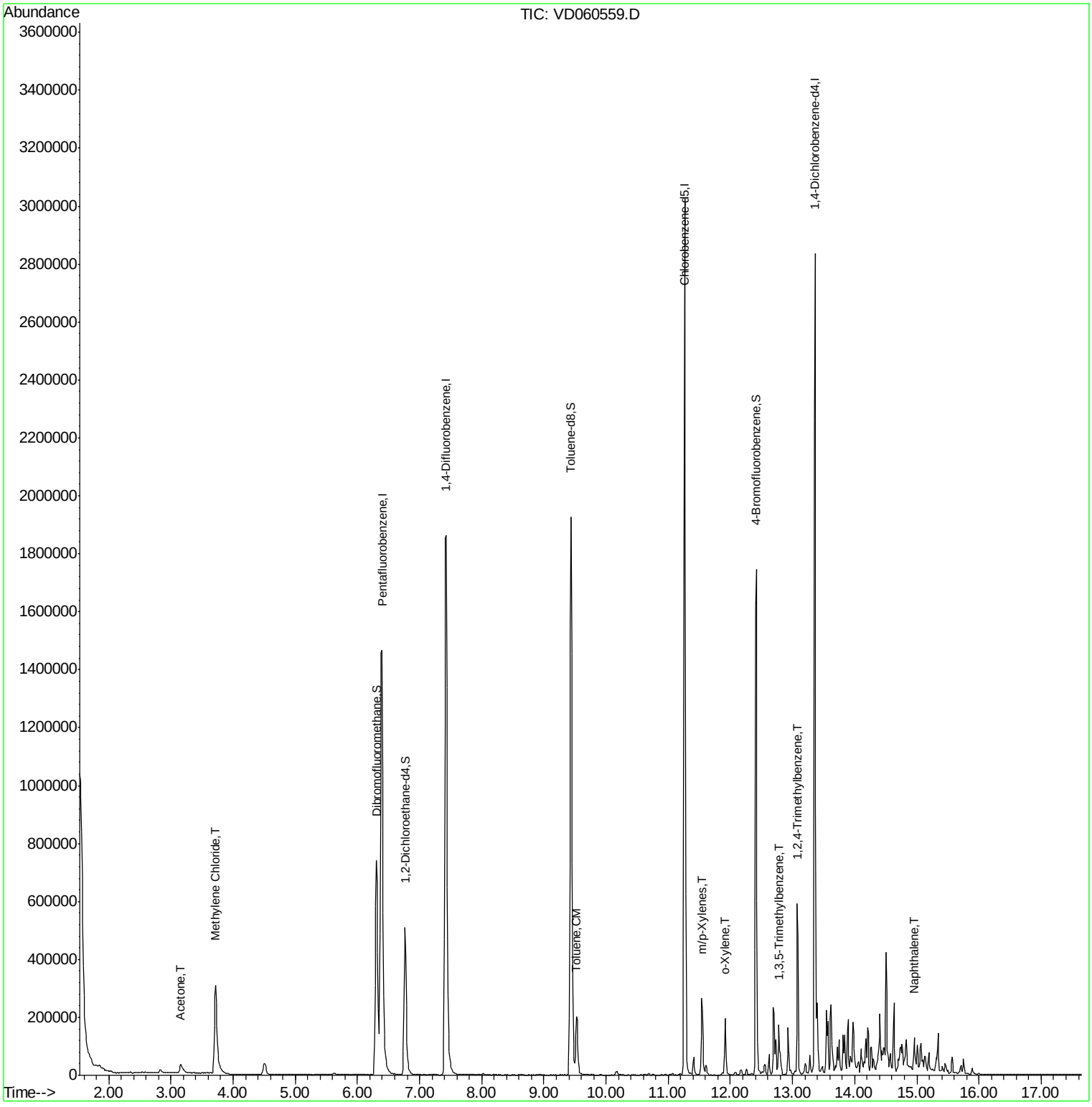
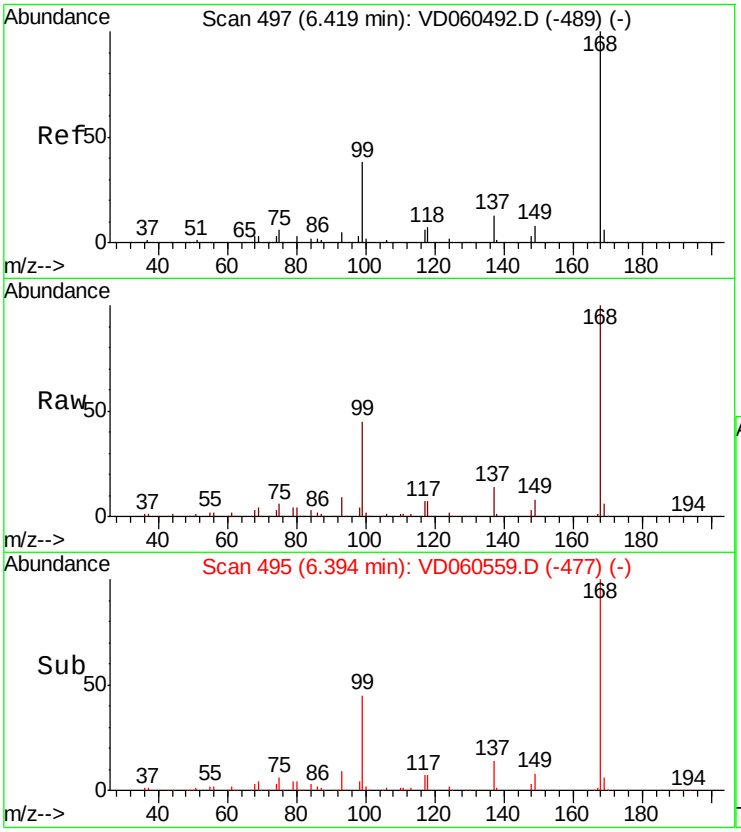


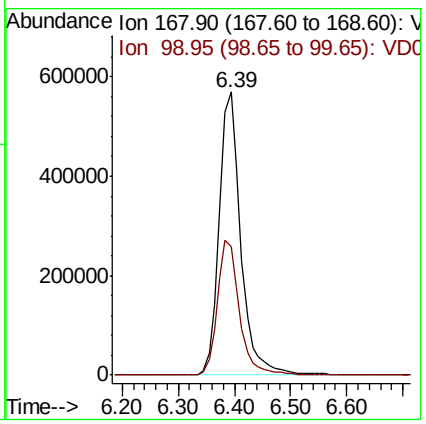


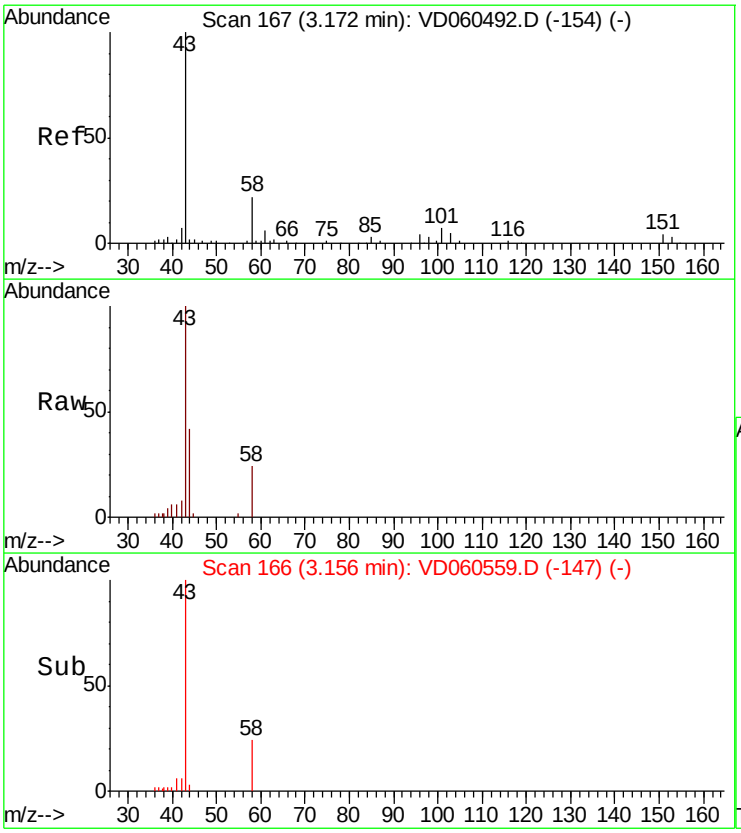
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.39 min Scan# 495
Delta R.T. -0.03 min
Lab File: VD060559.D
Acq: 13 Dec 2018 14:21

Instrument : MSVOA_D
ClientSampleId : SU-04-121218-B

Tgt Ion:168 Resp: 1534453

Ion	Ratio	Lower	Upper
168	100		
99	45.2	35.6	53.4

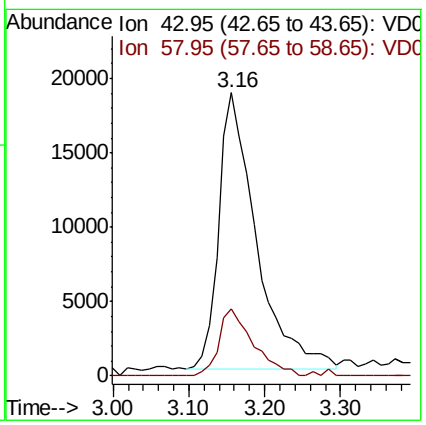


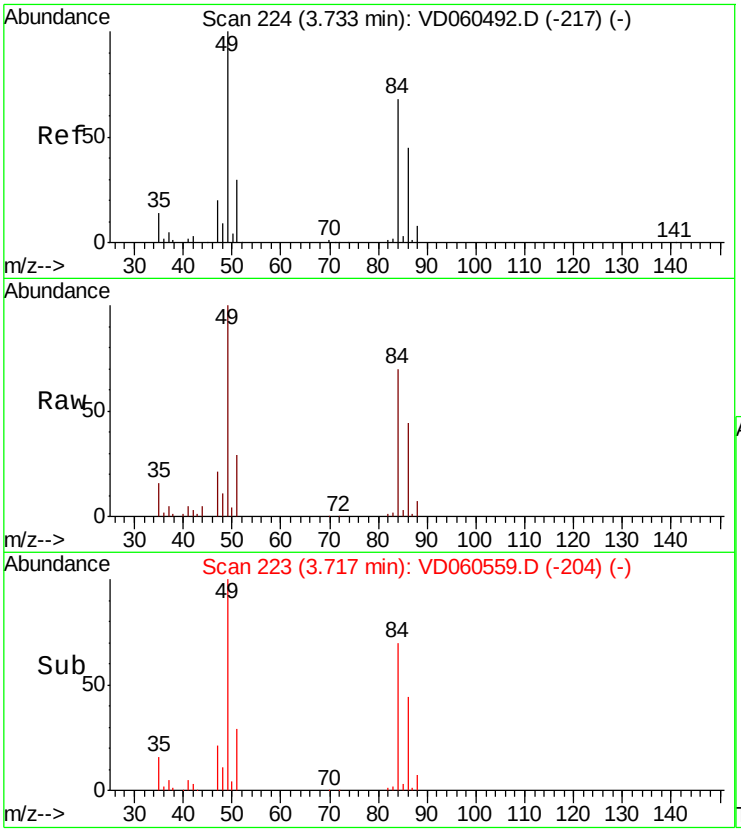


#16
Acetone
Concen: 36.449 ug/l
RT: 3.16 min Scan# 166
Delta R.T. -0.02 min
Lab File: VD060559.D
Acq: 13 Dec 2018 14:21

Tgt Ion: 43 Resp: 63543

Ion	Ratio	Lower	Upper
43	100		
58	23.8	17.3	25.9



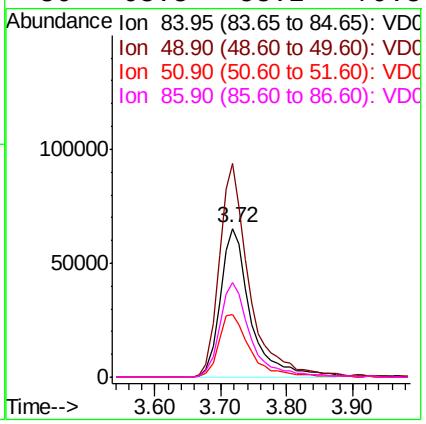


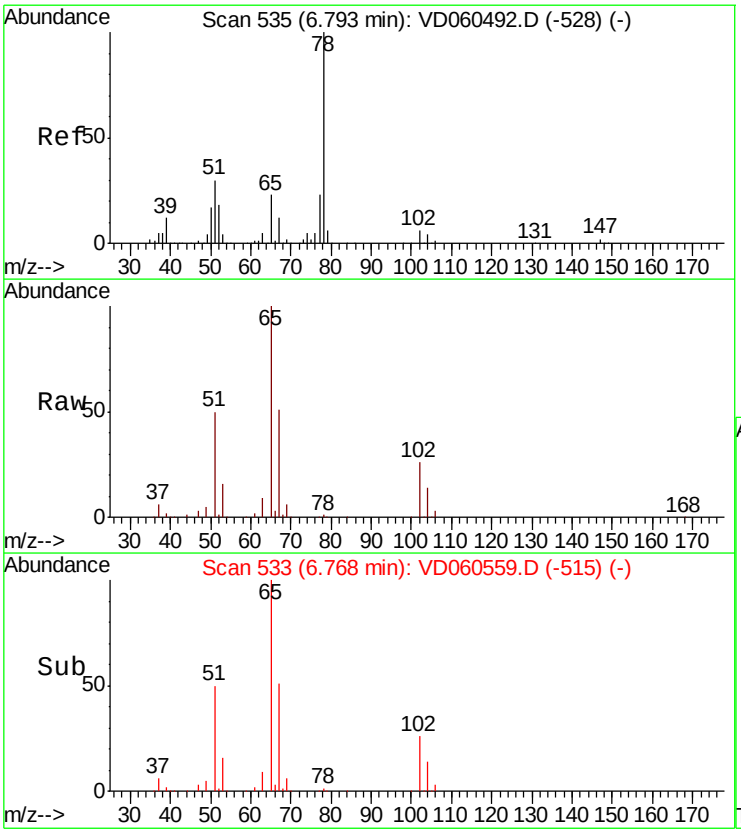
#20
Methylene Chloride
Concen: 9.340 ug/l
RT: 3.72 min Scan# 223
Delta R.T. -0.01 min
Lab File: VD060559.D
Acq: 13 Dec 2018 14:21

Instrument : MSVOA_D
ClientSampleId : SU-04-121218-B

Tgt Ion: 84 Resp: 207726

Ion	Ratio	Lower	Upper
84	100		
49	143.7	117.2	175.8
51	41.9	35.3	52.9
86	63.8	53.2	79.8

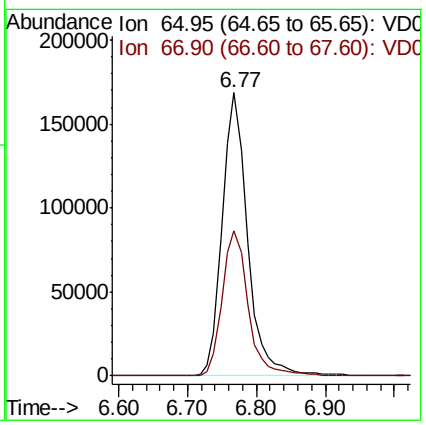


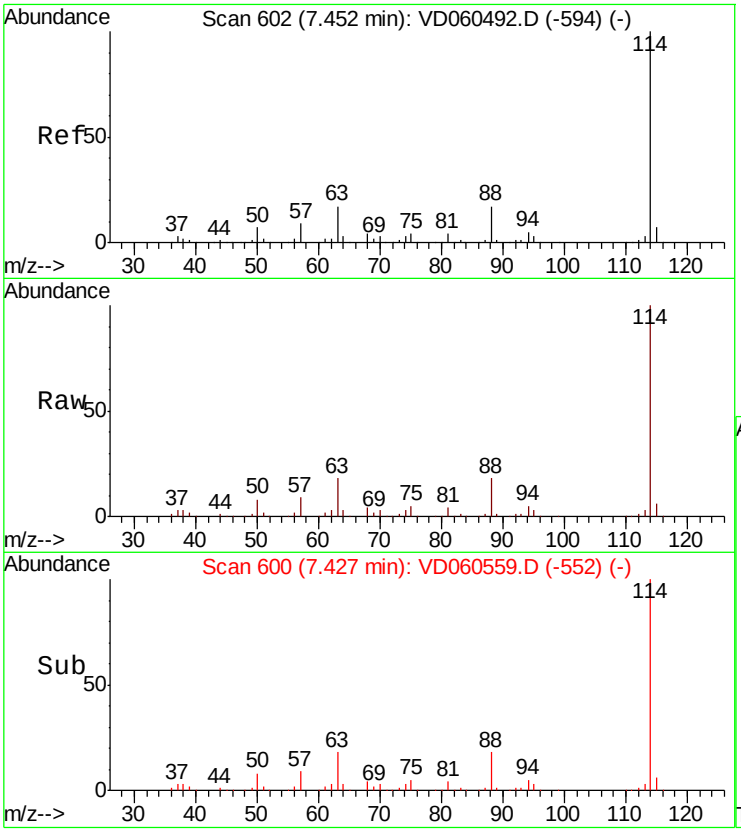


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.77 min Scan# 533
Delta R.T. -0.03 min
Lab File: VD060559.D
Acq: 13 Dec 2018 14:21

Tgt Ion: 65 Resp: 430608

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	106.8



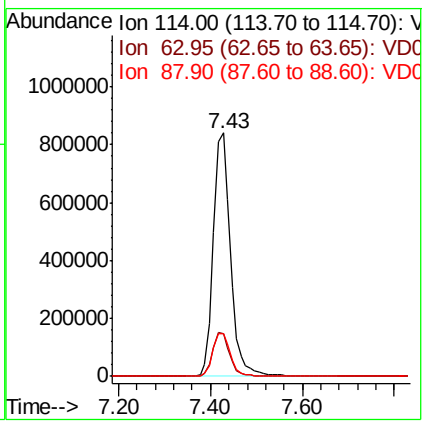


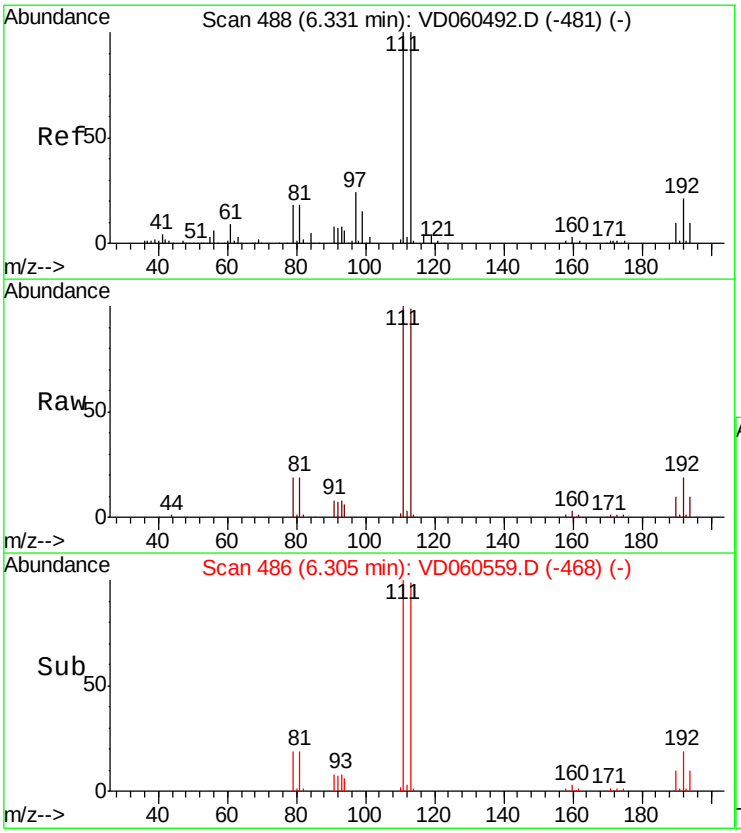
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.43 min Scan# 600
Delta R.T. -0.03 min
Lab File: VD060559.D
Acq: 13 Dec 2018 14:21

Instrument : MSVOA_D
ClientSampleId : SU-04-121218-B

Tgt Ion:114 Resp: 2149053

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	34.2
88	17.7	0.0	35.0

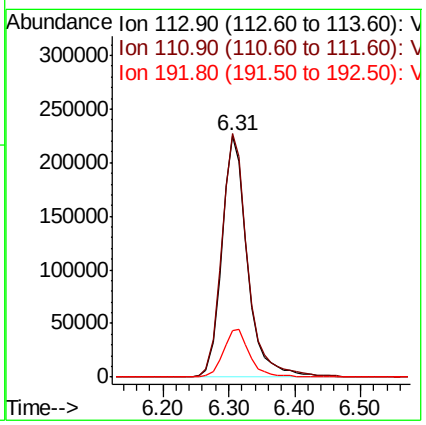


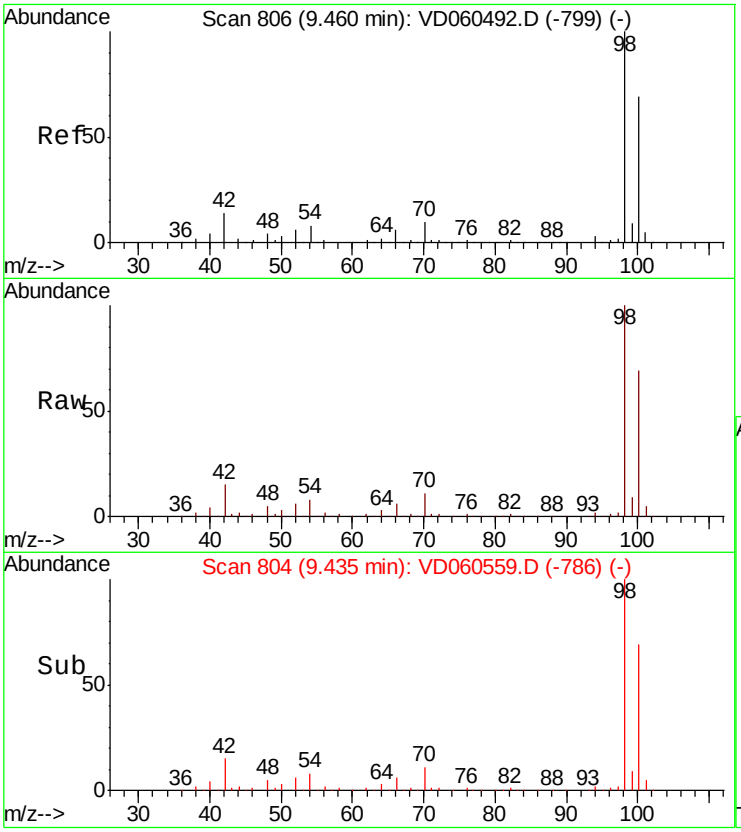


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.31 min Scan# 486
Delta R.T. -0.03 min
Lab File: VD060559.D
Acq: 13 Dec 2018 14:21

Tgt Ion:113 Resp: 609684

Ion	Ratio	Lower	Upper
113	100		
111	100.9	80.2	120.4
192	19.4	16.6	24.8



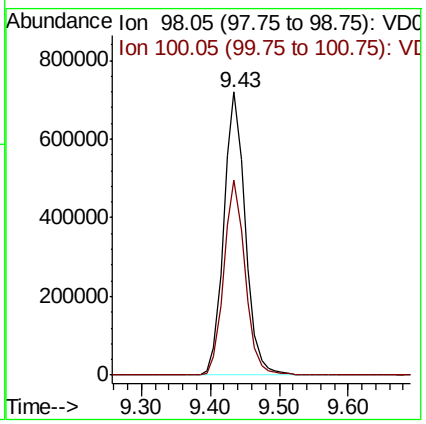


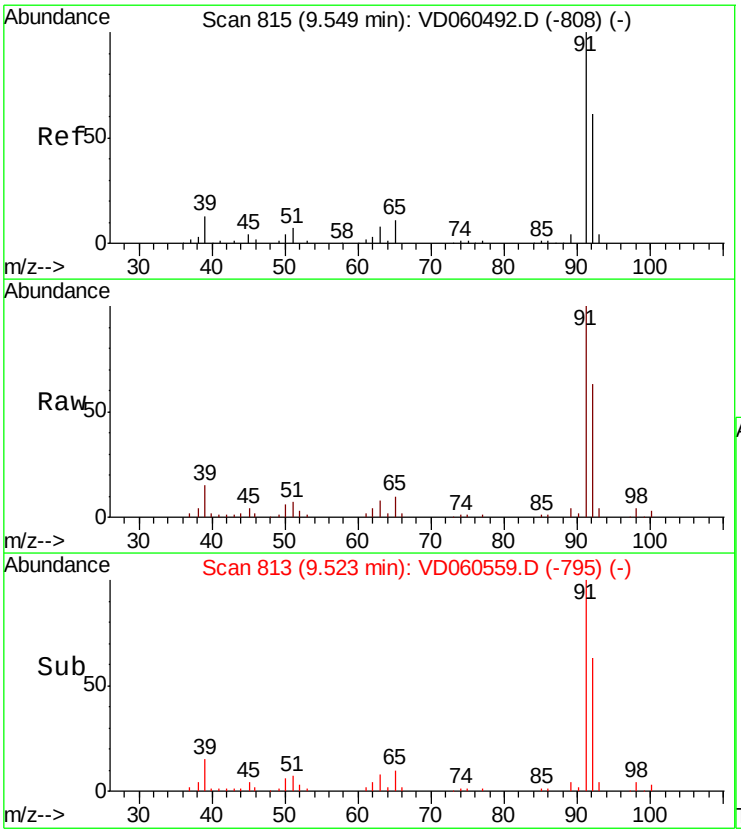
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 804
Delta R.T. -0.03 min
Lab File: VD060559.D
Acq: 13 Dec 2018 14:21

Instrument : MSVOA_D
ClientSampleId : SU-04-121218-B

Tgt Ion: 98 Resp: 1547870

Ion	Ratio	Lower	Upper
98	100		
100	68.8	55.7	83.5

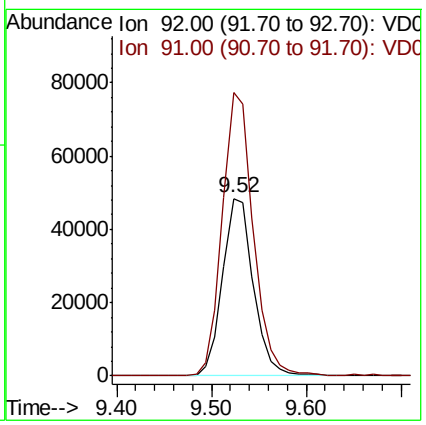


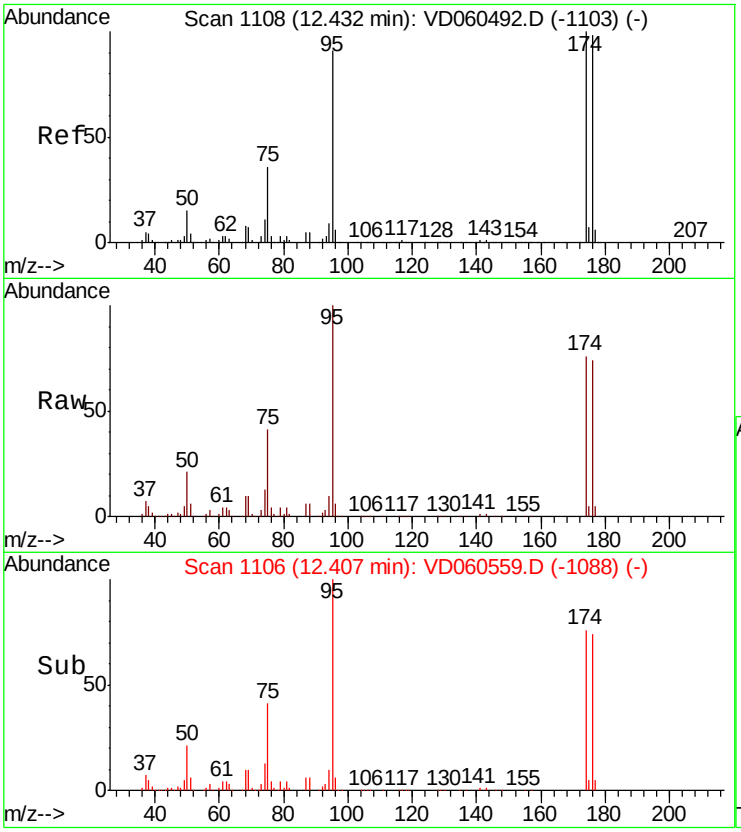


#52
Toluene
Concen: 3.253 ug/l
RT: 9.52 min Scan# 813
Delta R.T. -0.03 min
Lab File: VD060559.D
Acq: 13 Dec 2018 14:21

Tgt Ion: 92 Resp: 109151

Ion	Ratio	Lower	Upper
92	100		
91	159.6	131.7	197.5



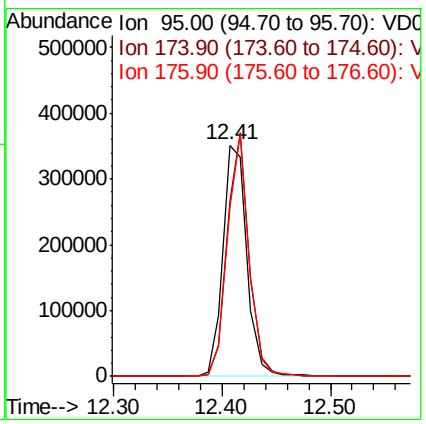


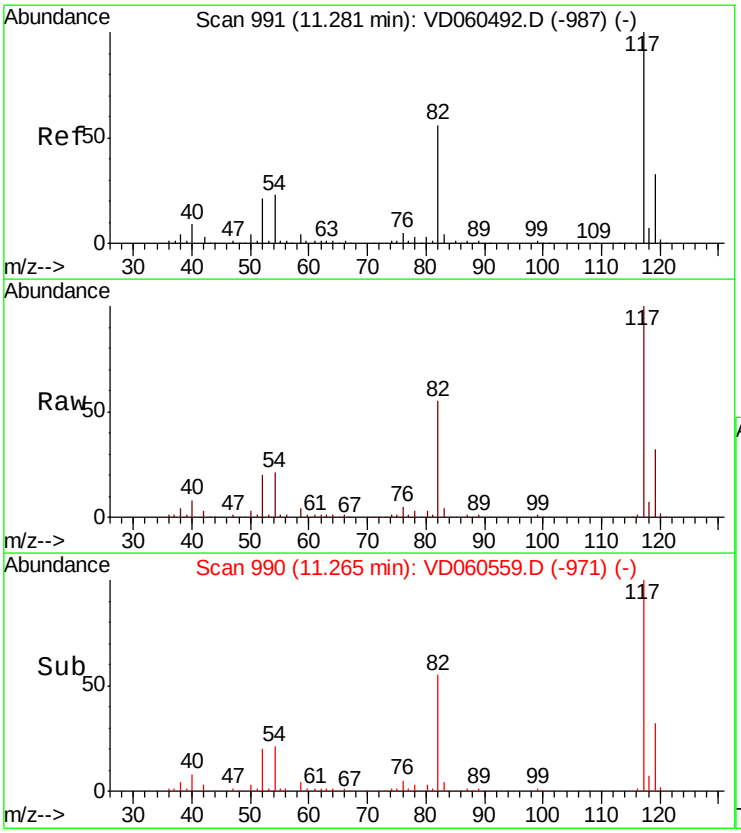
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.41 min Scan# 1106
Delta R.T. -0.03 min
Lab File: VD060559.D
Acq: 13 Dec 2018 14:21

Instrument : MSVOA_D
ClientSampleId : SU-04-121218-B

Tgt Ion: 95 Resp: 541167

Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	219.4
176	73.5	0.0	214.6

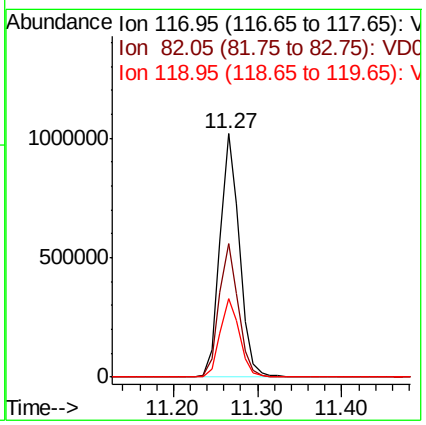


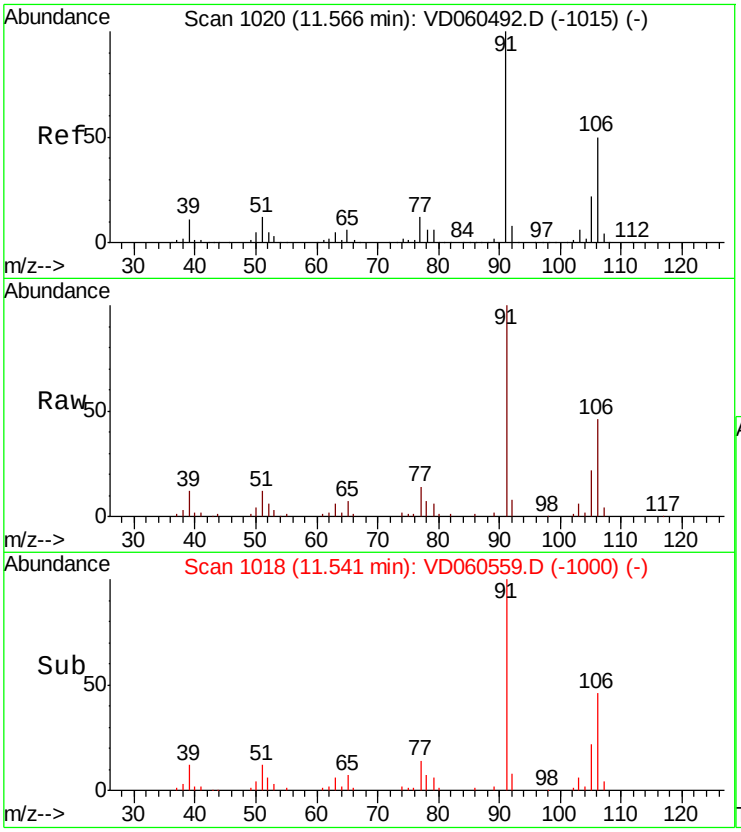


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 990
Delta R.T. -0.02 min
Lab File: VD060559.D
Acq: 13 Dec 2018 14:21

Tgt Ion:117 Resp: 1636136

Ion	Ratio	Lower	Upper
117	100		
82	54.9	45.2	67.8
119	32.3	26.1	39.1



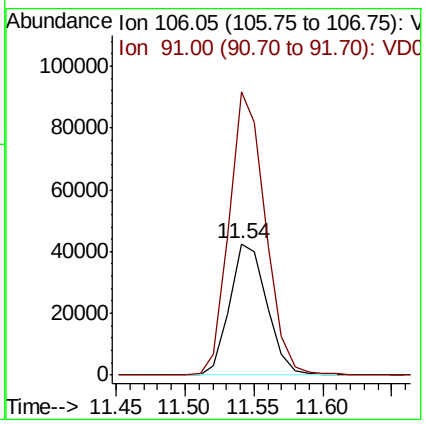


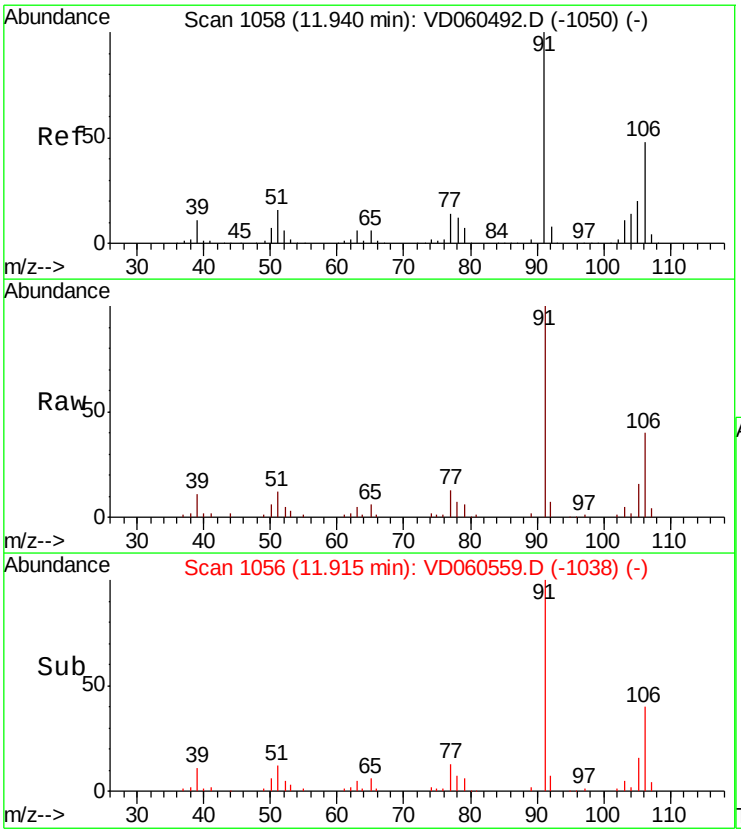
#68
m/p-Xylenes
Concen: 3.655 ug/l
RT: 11.54 min Scan# 1018
Delta R.T. -0.03 min
Lab File: VD060559.D
Acq: 13 Dec 2018 14:21

Instrument : MSVOA_D
ClientSampleId : SU-04-121218-B

Tgt Ion:106 Resp: 79842

Ion	Ratio	Lower	Upper
106	100		
91	216.0	160.5	240.7

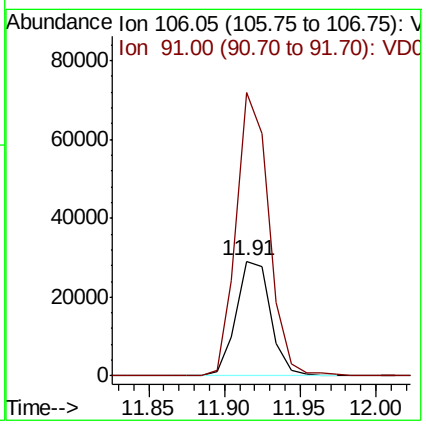


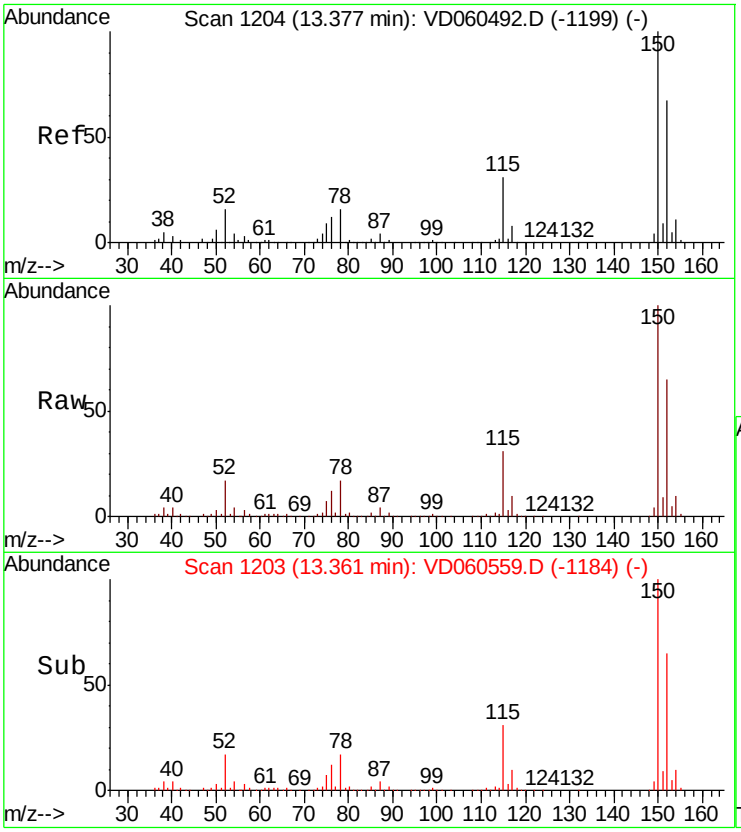


#69
o-Xylene
Concen: 2.211 ug/l
RT: 11.91 min Scan# 1056
Delta R.T. -0.03 min
Lab File: VD060559.D
Acq: 13 Dec 2018 14:21

Tgt Ion:106 Resp: 46018

Ion	Ratio	Lower	Upper
106	100		
91	247.4	103.4	310.1



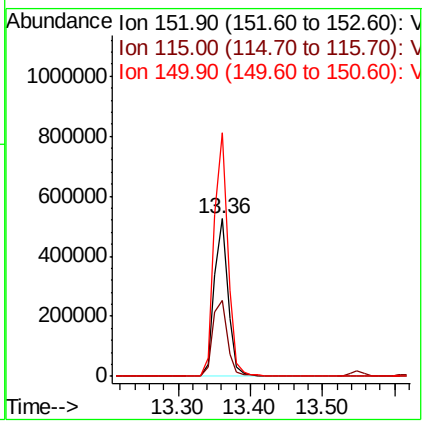


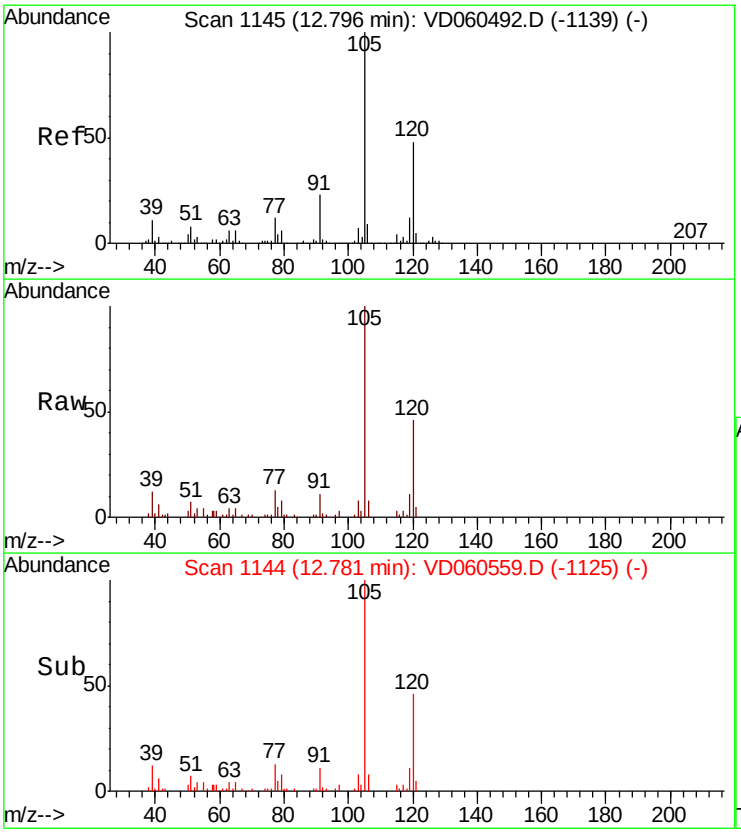
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.02 min
Lab File: VD060559.D
Acq: 13 Dec 2018 14:21

Instrument :
MSVOA_D
ClientSampleId :
SU-04-121218-B

Tgt Ion:152 Resp: 682275

Ion	Ratio	Lower	Upper
152	100		
115	48.1	24.6	74.0
150	154.5	0.0	309.0

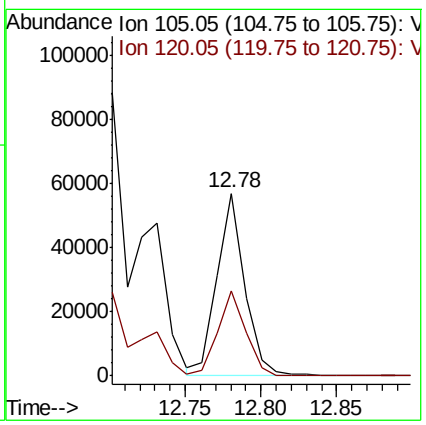


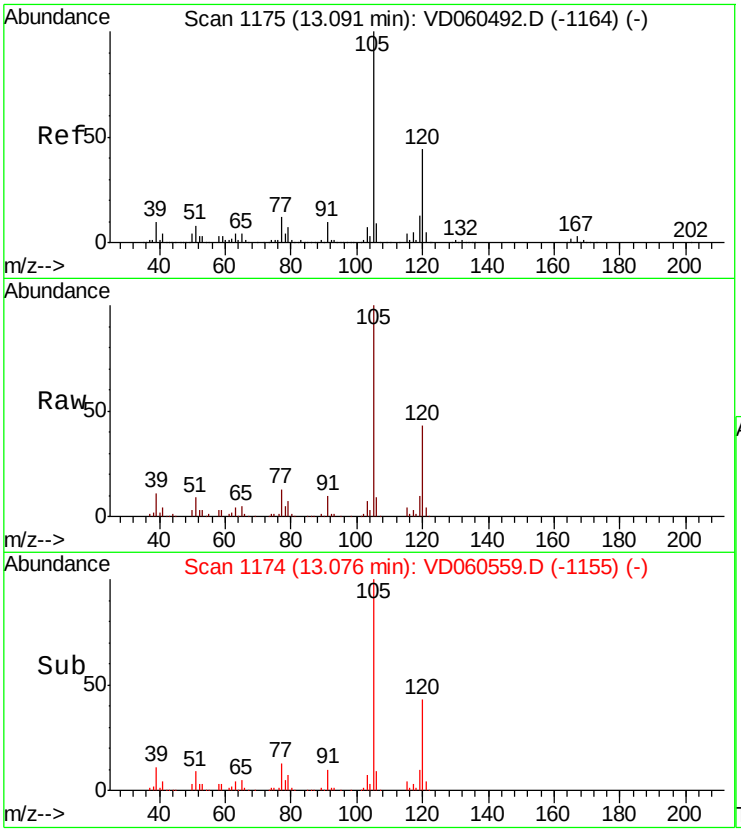


#80
1,3,5-Trimethylbenzene
Concen: 1.980 ug/l
RT: 12.78 min Scan# 1144
Delta R.T. -0.02 min
Lab File: VD060559.D
Acq: 13 Dec 2018 14:21

Tgt Ion:105 Resp: 73045

Ion	Ratio	Lower	Upper
105	100		
120	46.4	24.2	72.6



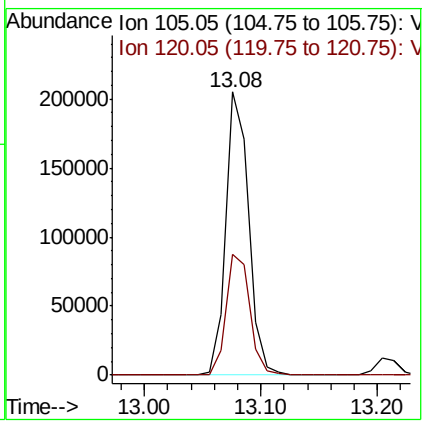


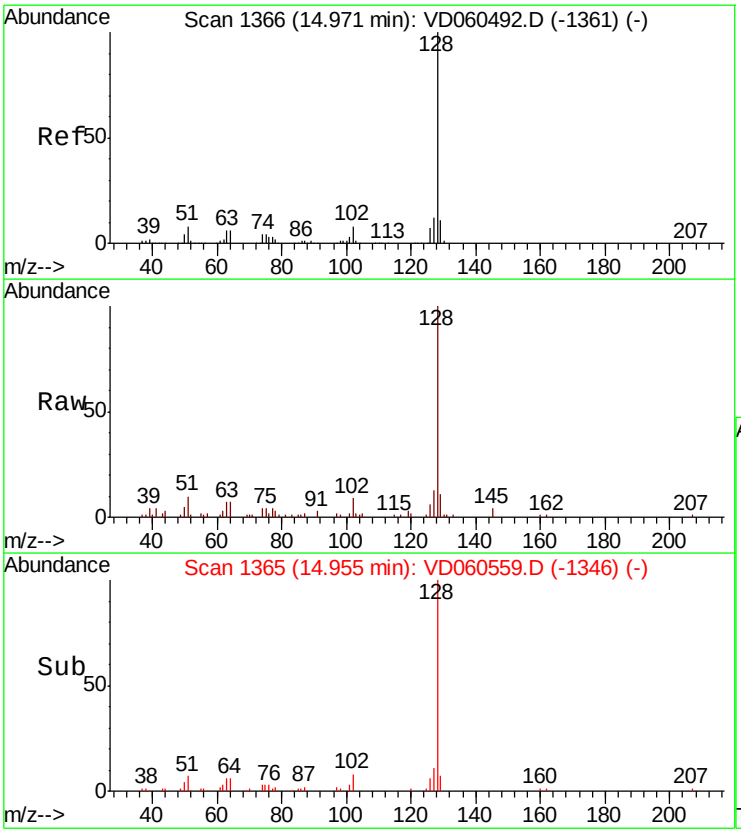
#84
1,2,4-Trimethylbenzene
Concen: 7.277 ug/l
RT: 13.08 min Scan# 1174
Delta R.T. -0.02 min
Lab File: VD060559.D
Acq: 13 Dec 2018 14:21

Instrument :
MSVOA_D
ClientSampleId :
SU-04-121218-B

Tgt Ion:105 Resp: 277960

Ion	Ratio	Lower	Upper
105	100		
120	42.9	22.3	66.8





#95
Naphthalene
Concen: 3.335 ug/l
RT: 14.96 min Scan# 1365
Delta R.T. -0.02 min
Lab File: VD060559.D
Acq: 13 Dec 2018 14:21

Tgt Ion:128 Resp: 58242

Ion	Ratio	Lower	Upper
128	100		
127	12.7	9.8	14.8
129	10.9	8.6	13.0