Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051519\
Data File : VD062389.D
Acq On : 15 May 2019 15:42
Operator : FY/SY
Sample : K2761-04
Misc : 5.21g/5mL/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : FK-SF-03-006-B

Quant Time: May 16 04:14:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	623255	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	964994	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.37	117	580886	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	133545	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	304117	52.51	ug/l	0.04
Spiked Amount 50.000			Recovery = 105.02%			
35) Dibromofluoromethane	7.05	113	988	0.12	ug/l	0.15
Spiked Amount 50.000			Recovery = 0.24%			
50) Toluene-d8	10.42	98	561121	29.07	ug/l	0.03
Spiked Amount 50.000			Recovery = 58.14%			
62) 4-Bromofluorobenzene	13.56	95	172950	22.31	ug/l	0.02
Spiked Amount 50.000			Recovery = 44.62%			
Target Compounds						Qvalue
16) Acetone	3.22	43	62347	51.330	ug/l #	79
52) Toluene	10.51	92	21475	1.847	ug/l	92
67) Ethyl Benzene	12.53	91	21113	1.166	ug/l	95
68) m/p-Xylenes	12.68	106	13235	2.008	ug/l	97
69) o-Xylene	13.05	106	15855	2.588	ug/l	87
78) n-propylbenzene	13.78	91	11083	1.161	ug/l	97
80) 1,3,5-Trimethylbenzene	13.94	105	45860	6.803	ug/l	86
84) 1,2,4-Trimethylbenzene	14.24	105	60605	8.959	ug/l	87
86) p-Isopropyltoluene	14.50	119	10346	1.394	ug/l	89
95) Naphthalene	16.13	128	6145	1.794	ug/l	95

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051519\
Data File : VD062389.D
Acq On : 15 May 2019 15:42
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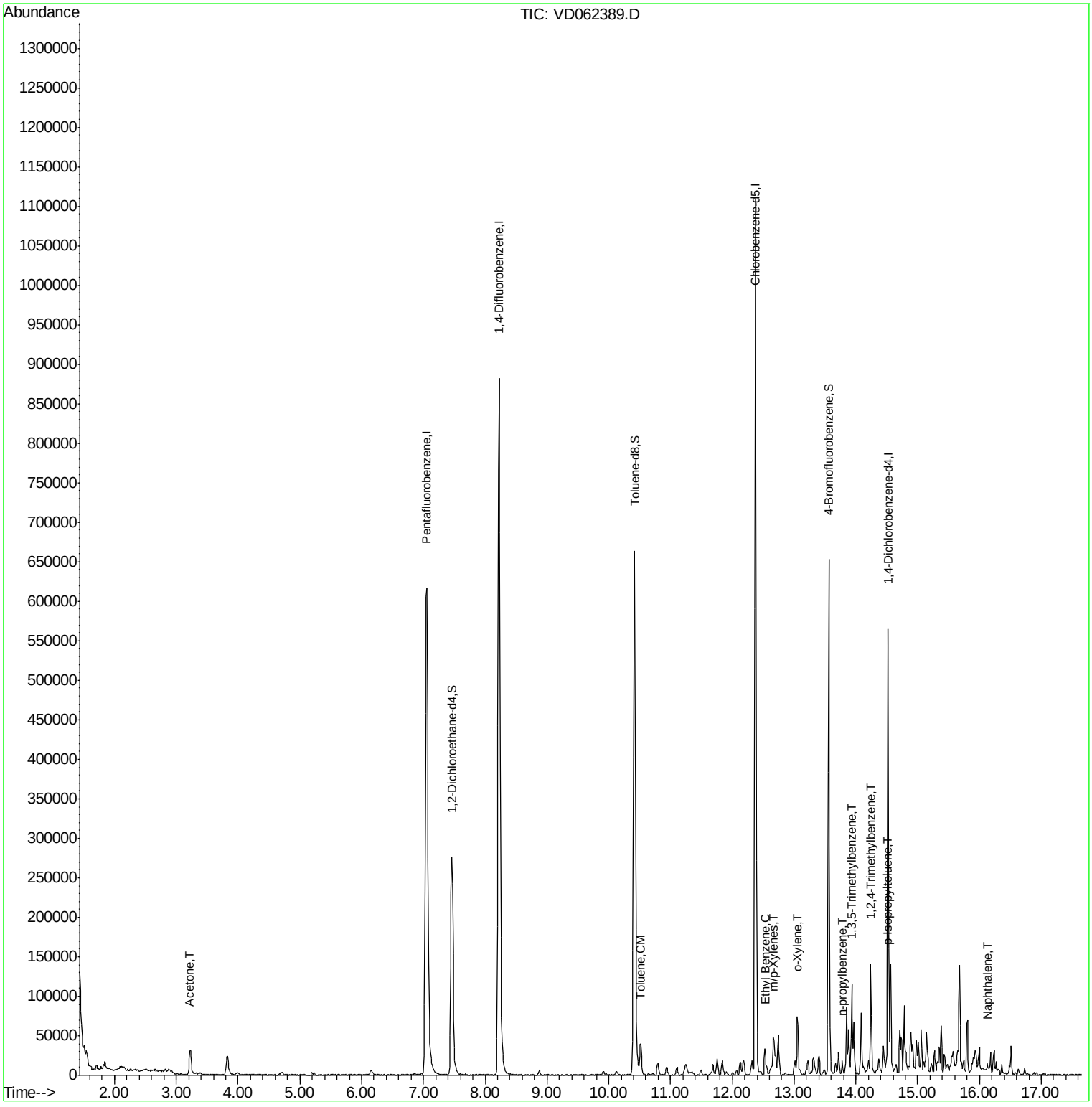
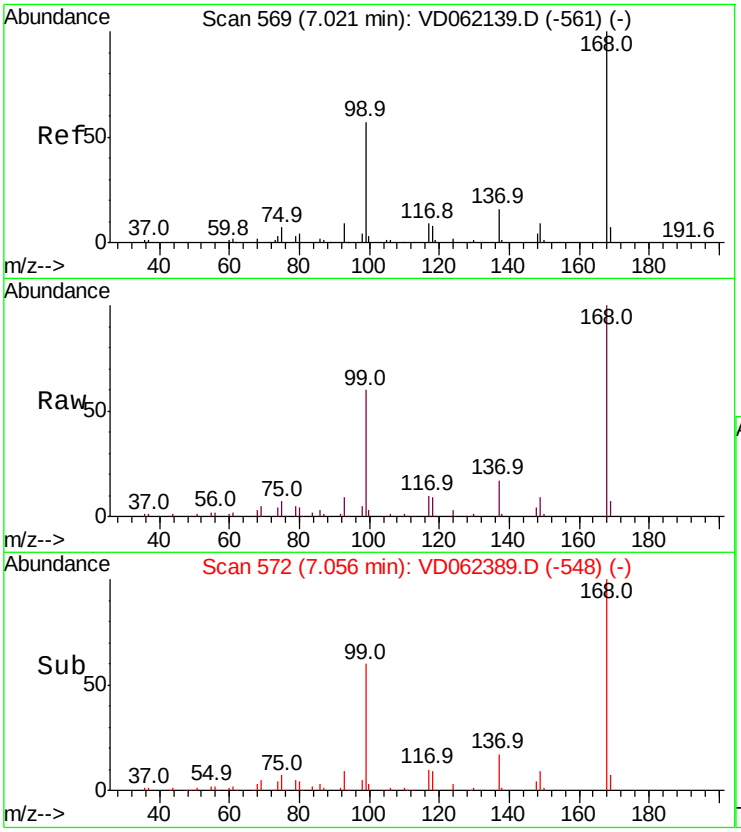
MSVOA_D
ClientSampleId :
FK-SF-03-006-B

Quant Time: May 16 04:14:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration



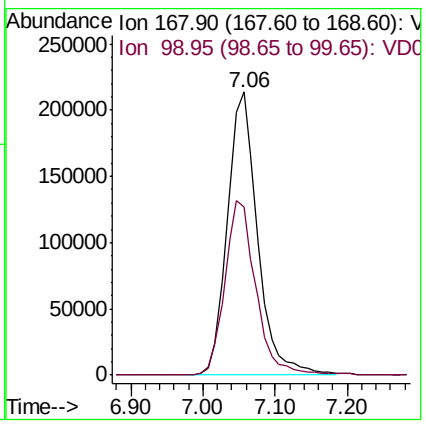


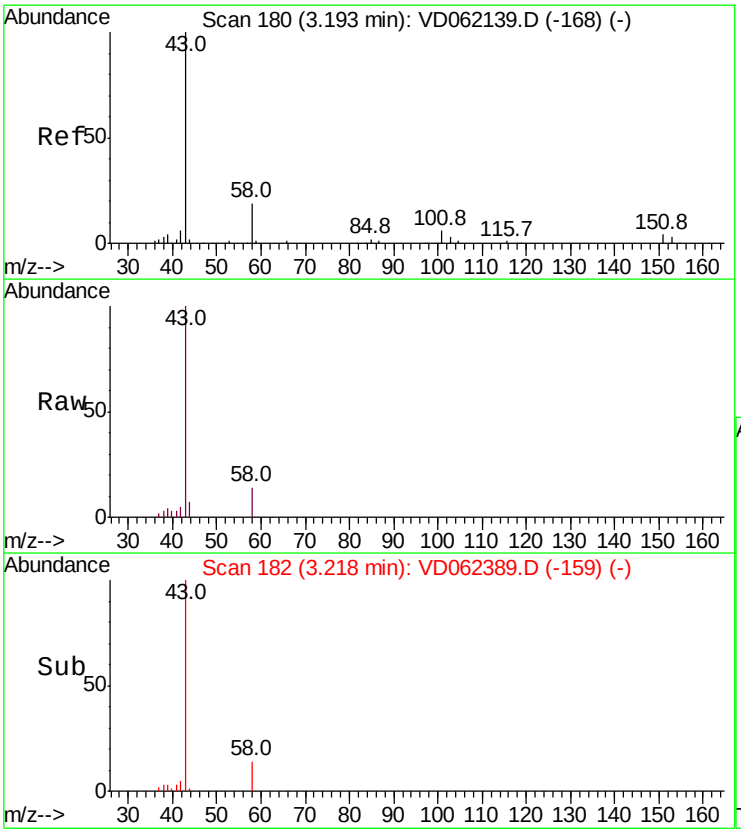
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.04 min
Lab File: VD062389.D
Acq: 15 May 2019 15:42

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-006-B

Tgt Ion:168 Resp: 623255

Ion	Ratio	Lower	Upper
168	100		
99	59.6	46.5	69.7

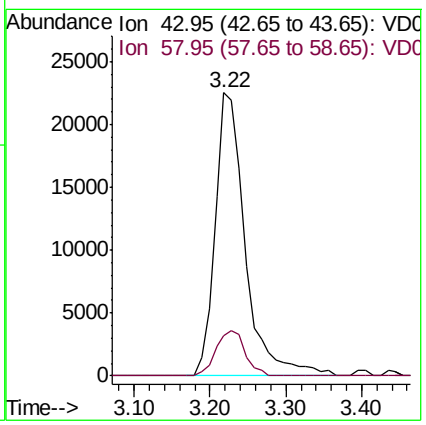


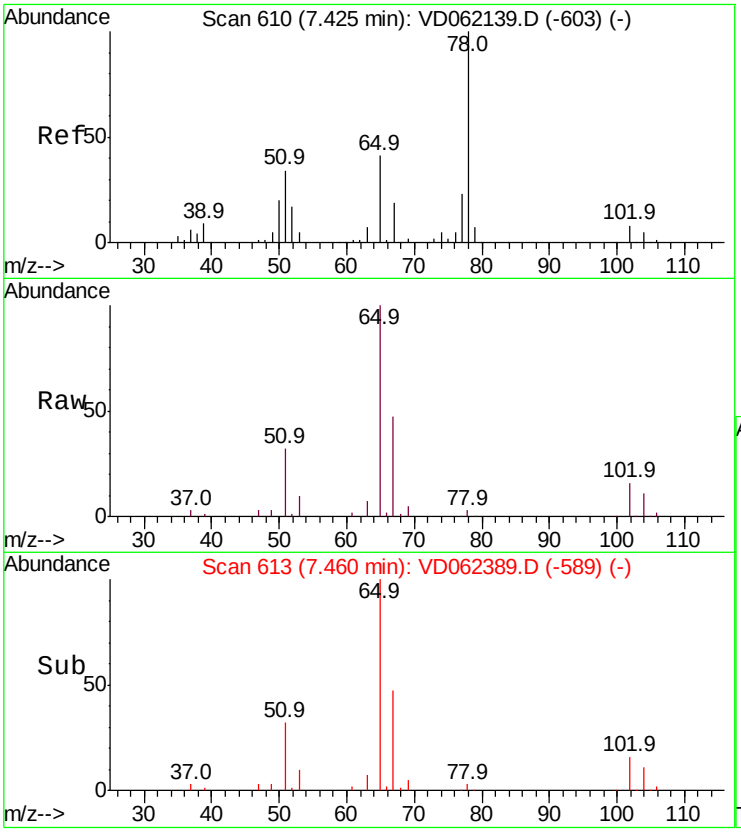


#16
Acetone
Concen: 51.330 ug/l
RT: 3.22 min Scan# 182
Delta R.T. 0.03 min
Lab File: VD062389.D
Acq: 15 May 2019 15:42

Tgt Ion: 43 Resp: 62347

Ion	Ratio	Lower	Upper
43	100		
58	14.2	19.9	29.9#



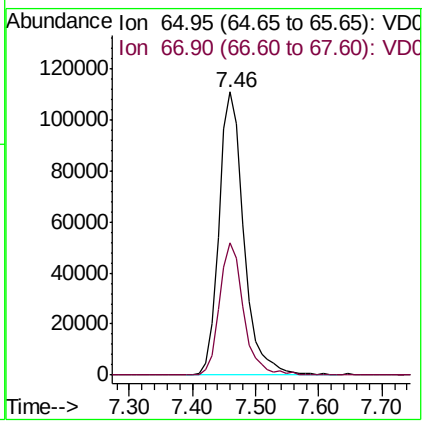


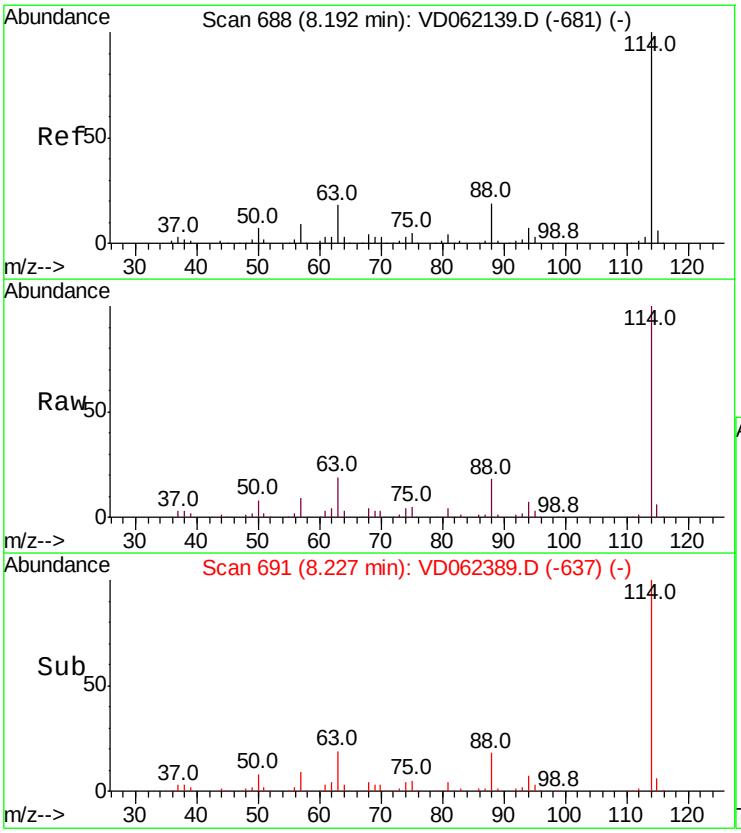
#33
1,2-Dichloroethane-d4
Concen: 52.506 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.04 min
Lab File: VD062389.D
Acq: 15 May 2019 15:42

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-006-B

Tgt Ion: 65 Resp: 304117

Ion	Ratio	Lower	Upper
65	100		
67	46.8	0.0	98.0

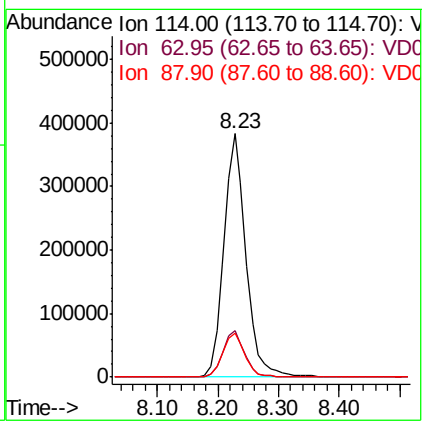


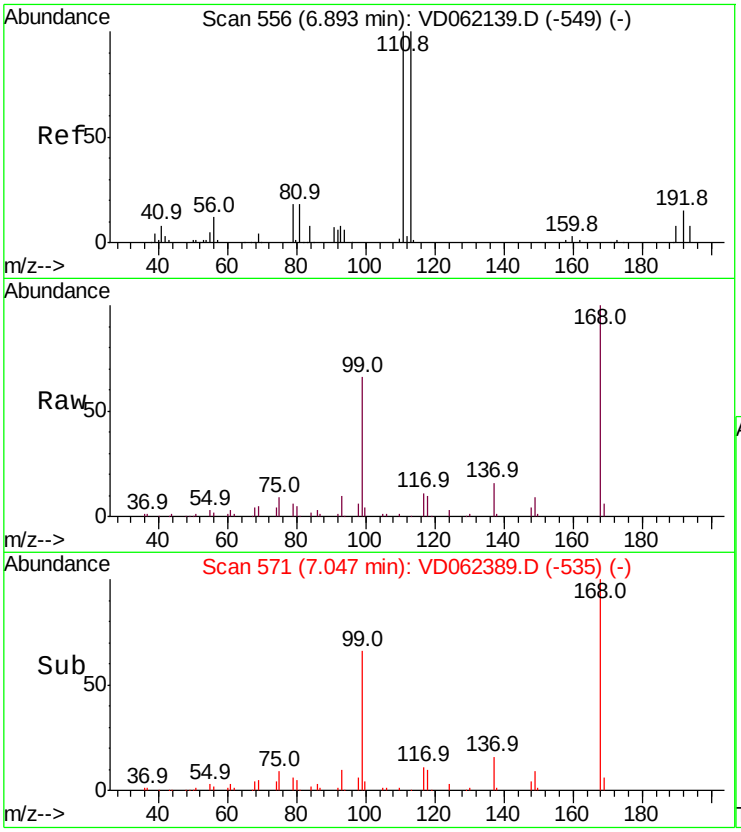


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 691
Delta R.T. 0.04 min
Lab File: VD062389.D
Acq: 15 May 2019 15:42

Tgt Ion:114 Resp: 964994

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	32.4
88	18.2	0.0	33.6



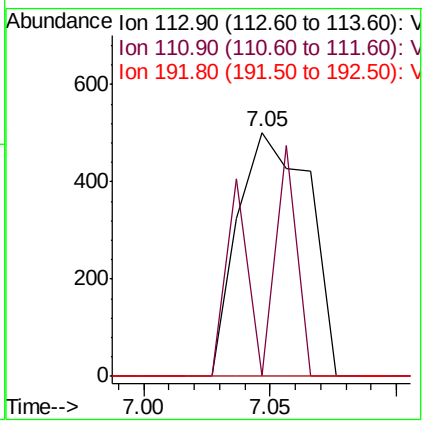


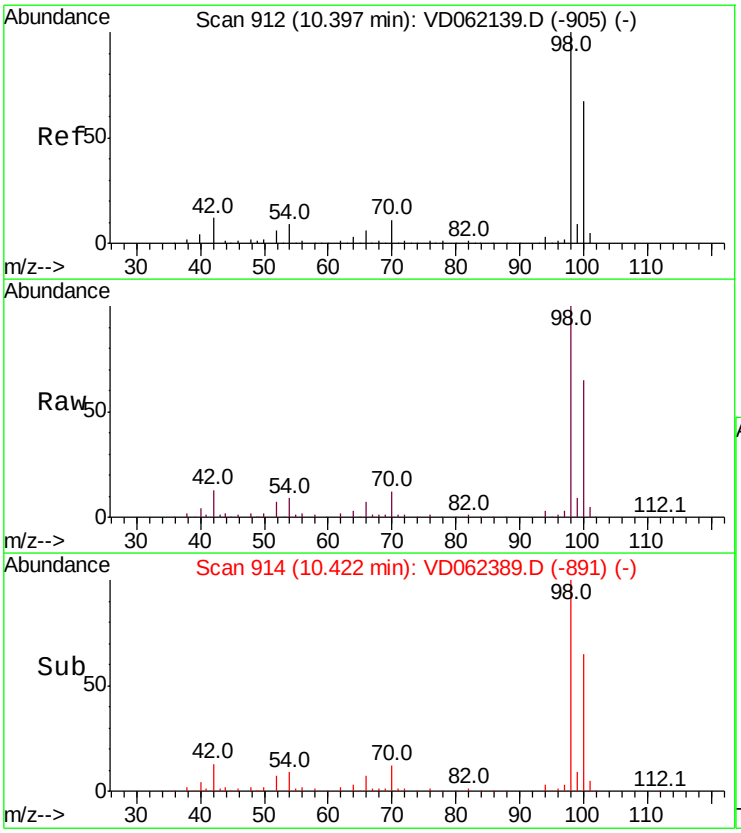
#35
Dibromofluoromethane
Concen: 0.123 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.15 min
Lab File: VD062389.D
Acq: 15 May 2019 15:42

Instrument : MSVOA_D
ClientSampleId : FK-SF-03-006-B

Tgt Ion:113 Resp: 988

Ion	Ratio	Lower	Upper
113	100		
111	0.0	78.5	117.7#
192	0.0	13.0	19.4#

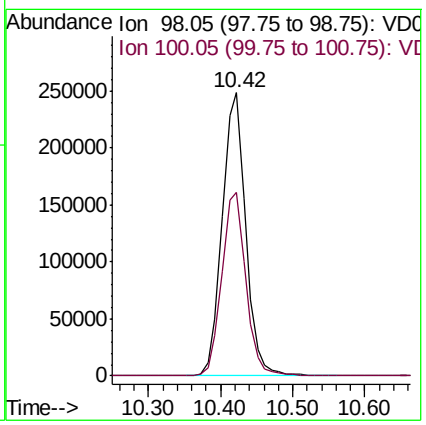


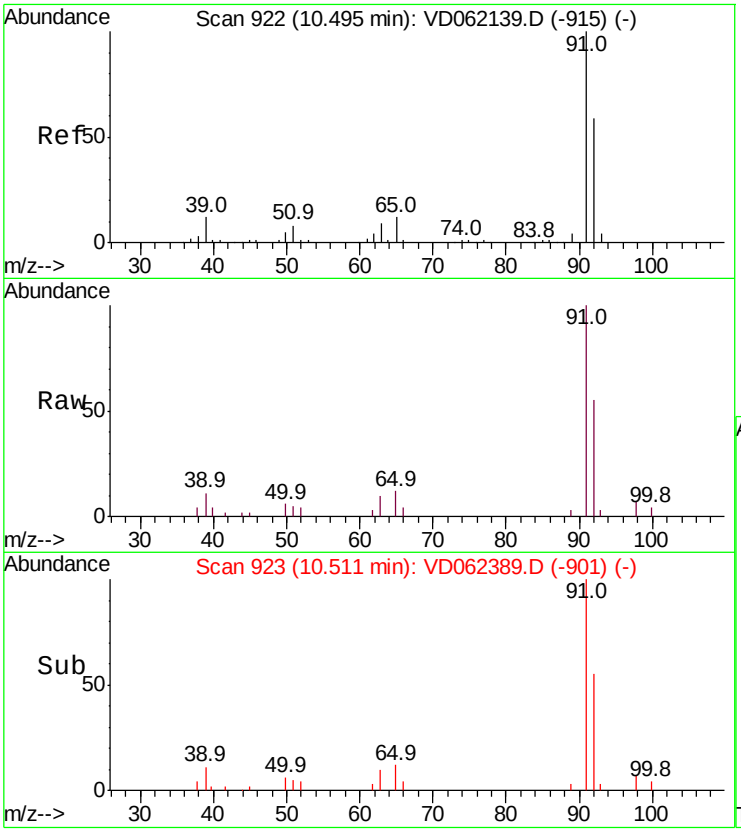


#50
Toluene-d8
Concen: 29.067 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.03 min
Lab File: VD062389.D
Acq: 15 May 2019 15:42

Tgt Ion: 98 Resp: 561121

Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.8	80.8



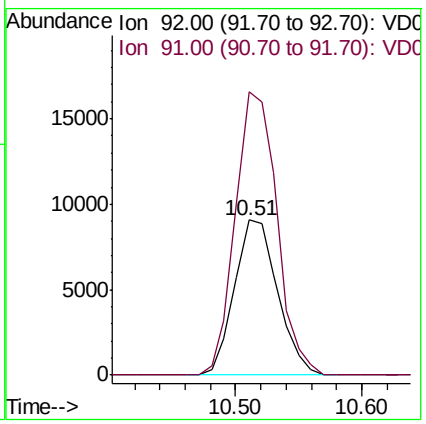


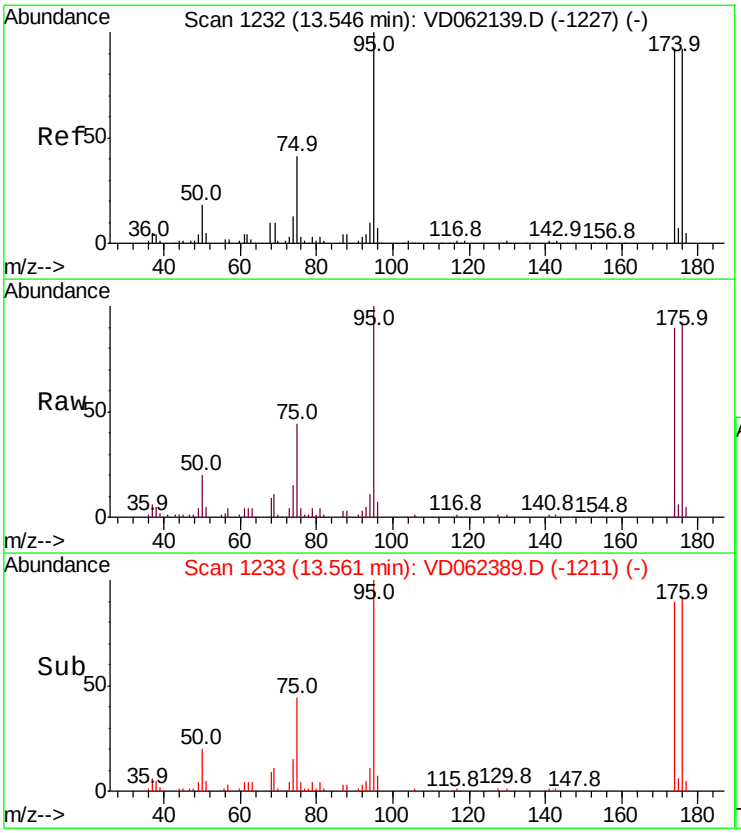
#52
Toluene
Concen: 1.847 ug/l
RT: 10.51 min Scan# 923
Delta R.T. 0.02 min
Lab File: VD062389.D
Acq: 15 May 2019 15:42

Instrument : MSVOA_D
ClientSampleId : FK-SF-03-006-B

Tgt Ion: 92 Resp: 21475

Ion	Ratio	Lower	Upper
92	100		
91	182.3	136.6	204.8

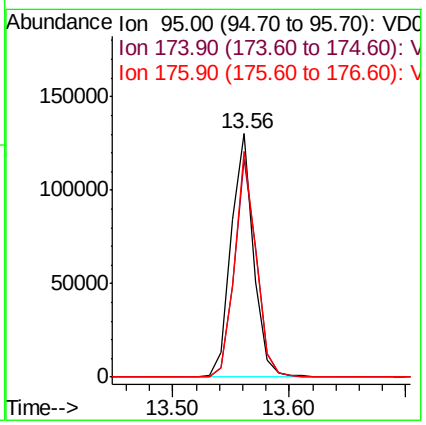


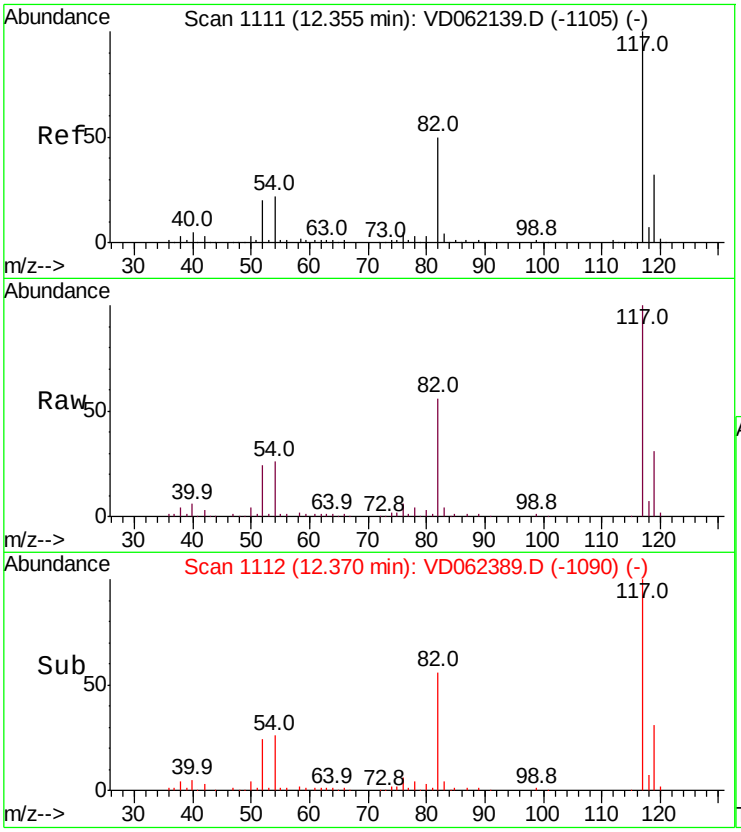


#62
4-Bromofluorobenzene
Concen: 22.310 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.02 min
Lab File: VD062389.D
Acq: 15 May 2019 15:42

Tgt Ion: 95 Resp: 172950

Ion	Ratio	Lower	Upper
95	100		
174	89.6	0.0	181.8
176	92.5	0.0	174.4



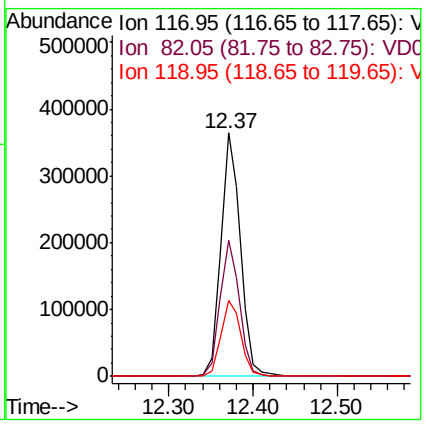


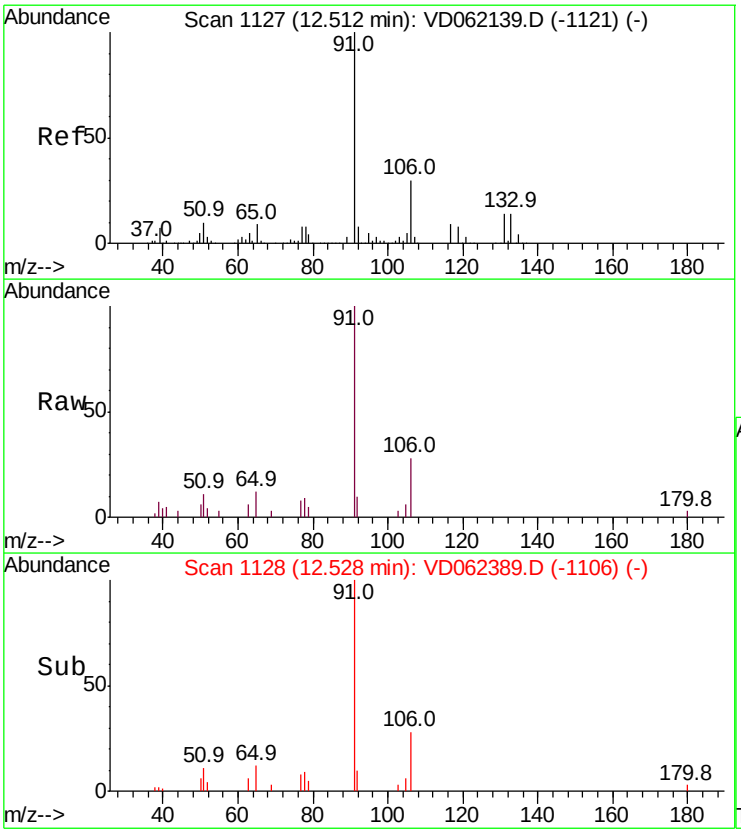
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VD062389.D
Acq: 15 May 2019 15:42

Instrument : MSVOA_D
ClientSampleId : FK-SF-03-006-B

Tgt Ion:117 Resp: 580886

Ion	Ratio	Lower	Upper
117	100		
82	55.7	36.2	54.2#
119	31.2	26.2	39.4

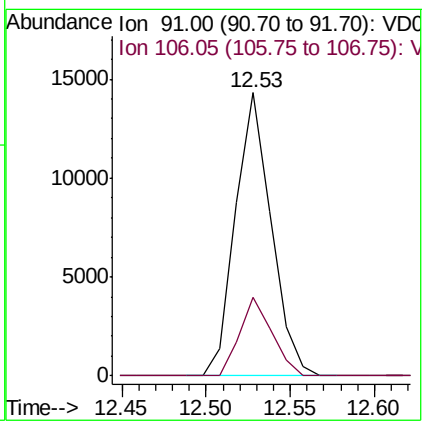


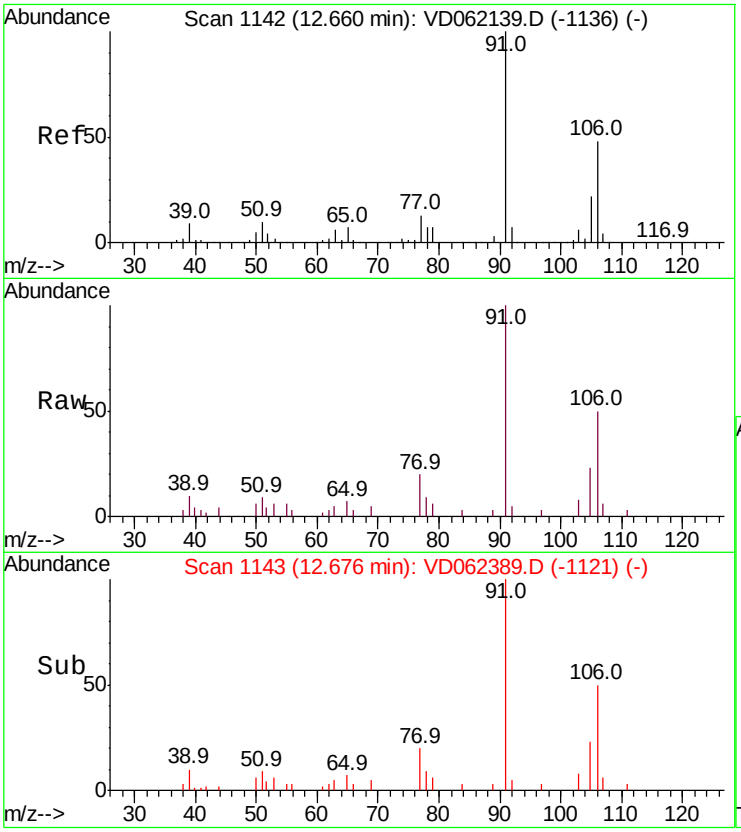


#67
Ethyl Benzene
Concen: 1.166 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. 0.02 min
Lab File: VD062389.D
Acq: 15 May 2019 15:42

Tgt Ion: 91 Resp: 21113

Ion	Ratio	Lower	Upper
91	100		
106	27.9	24.7	37.1



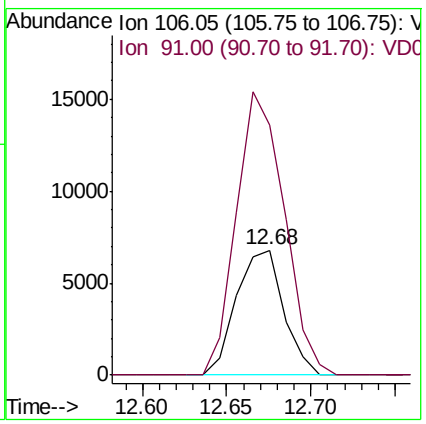


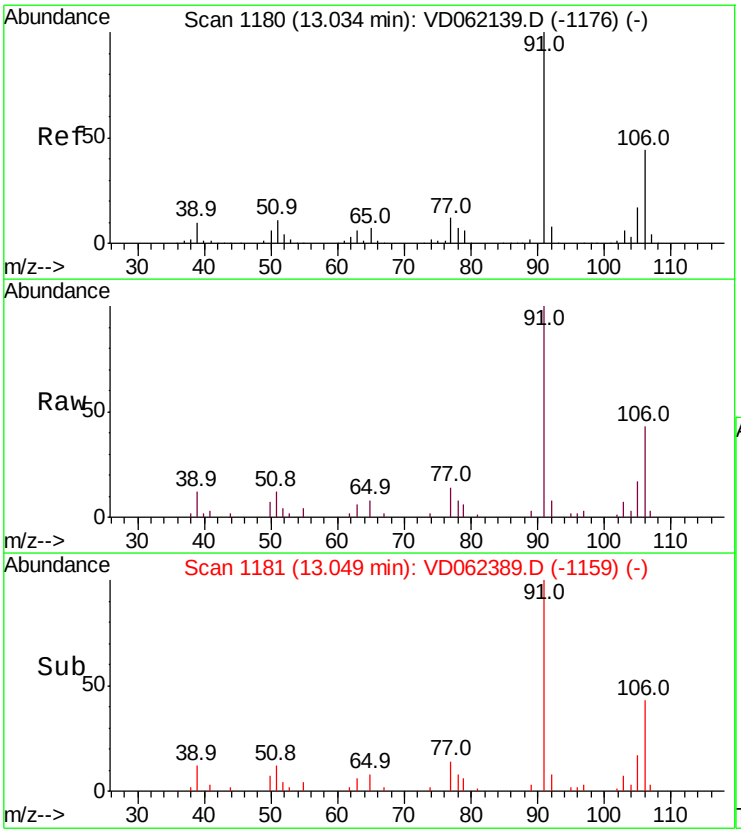
#68
m/p-Xylenes
Concen: 2.008 ug/l
RT: 12.68 min Scan# 1143
Delta R.T. 0.02 min
Lab File: VD062389.D
Acq: 15 May 2019 15:42

Instrument : MSVOA_D
ClientSampleId : FK-SF-03-006-B

Tgt Ion:106 Resp: 13235

Ion	Ratio	Lower	Upper
106	100		
91	199.7	164.0	246.0

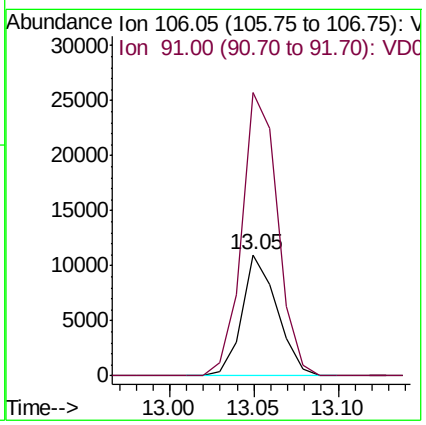


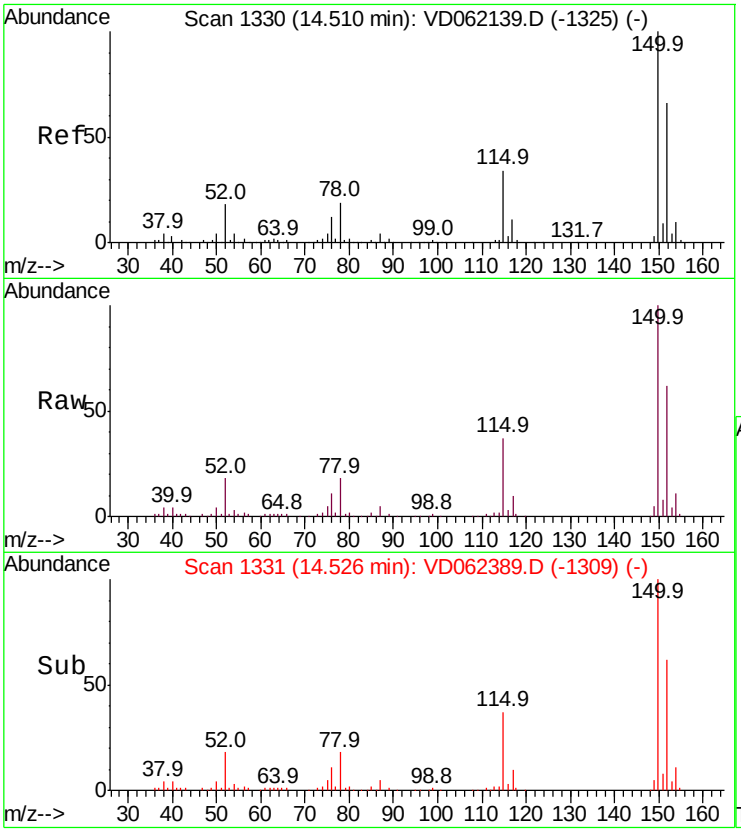


#69
o-Xylene
Concen: 2.588 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. 0.02 min
Lab File: VD062389.D
Acq: 15 May 2019 15:42

Tgt Ion:106 Resp: 15855

Ion	Ratio	Lower	Upper
106	100		
91	233.6	106.7	319.9



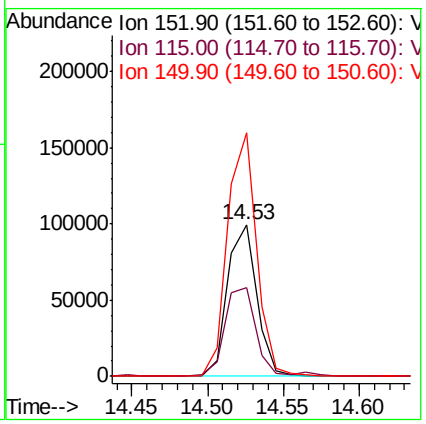


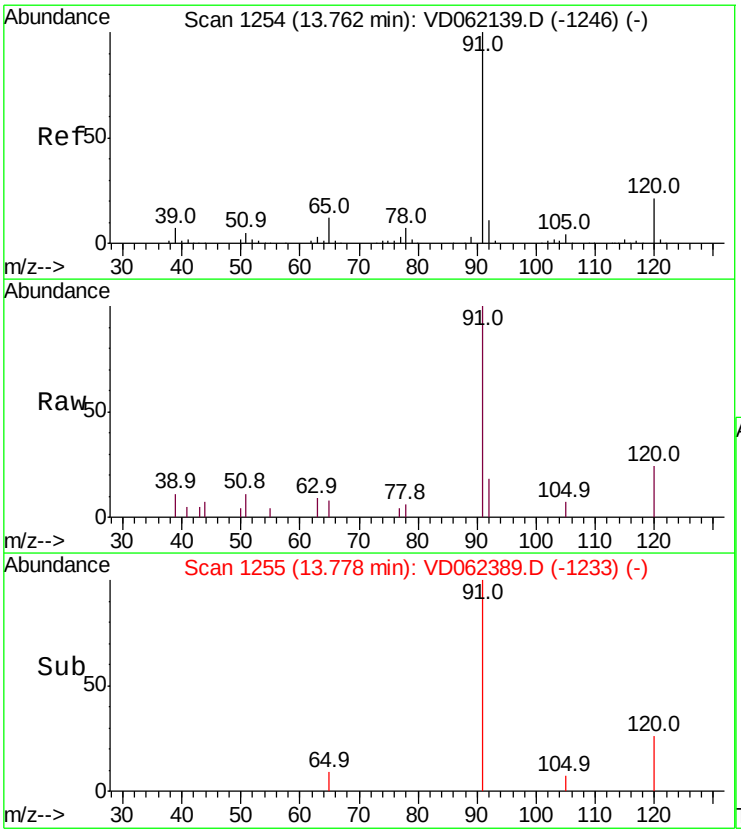
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.02 min
Lab File: VD062389.D
Acq: 15 May 2019 15:42

Instrument : MSVOA_D
ClientSampleId : FK-SF-03-006-B

Tgt Ion:152 Resp: 133545

Ion	Ratio	Lower	Upper
152	100		
115	58.6	30.9	92.7
150	160.6	0.0	314.8

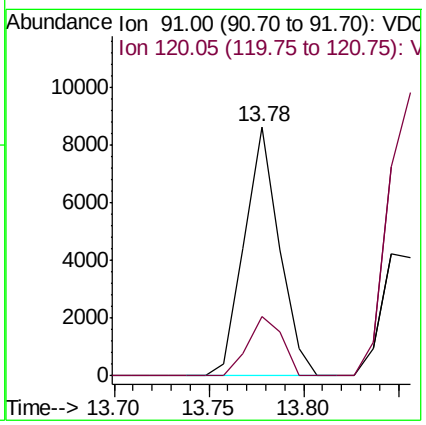


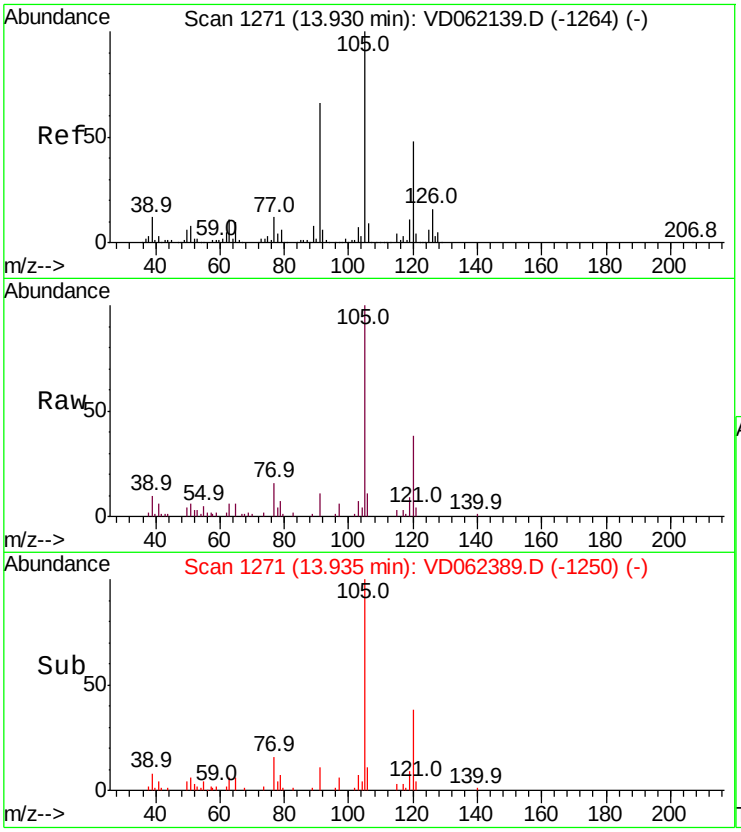


#78
n-propylbenzene
Concen: 1.161 ug/l
RT: 13.78 min Scan# 1255
Delta R.T. 0.02 min
Lab File: VD062389.D
Acq: 15 May 2019 15:42

Tgt Ion: 91 Resp: 11083

Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.1	33.1



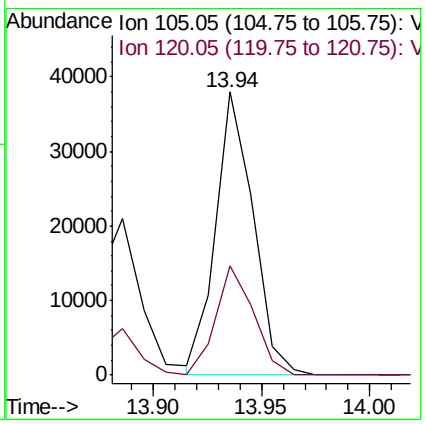


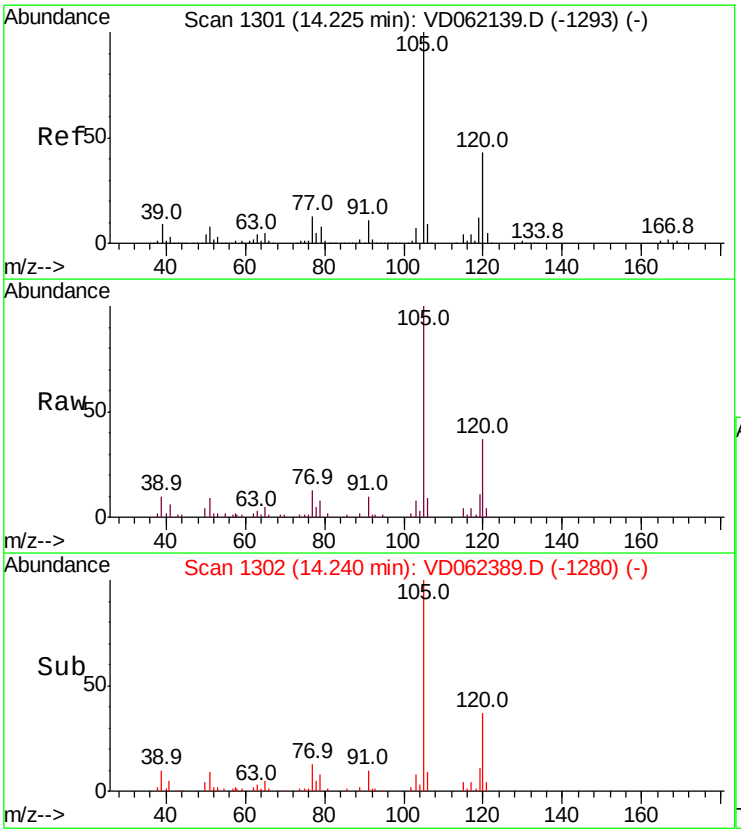
#80
1,3,5-Trimethylbenzene
Concen: 6.803 ug/l
RT: 13.94 min Scan# 1271
Delta R.T. 0.01 min
Lab File: VD062389.D
Acq: 15 May 2019 15:42

Instrument : MSVOA_D
ClientSampleId : FK-SF-03-006-B

Tgt Ion:105 Resp: 45860

Ion	Ratio	Lower	Upper
105	100		
120	38.5	24.0	72.0

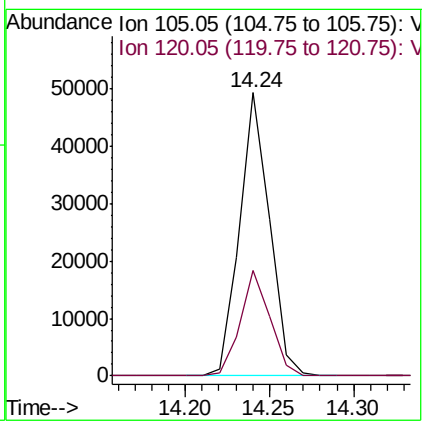


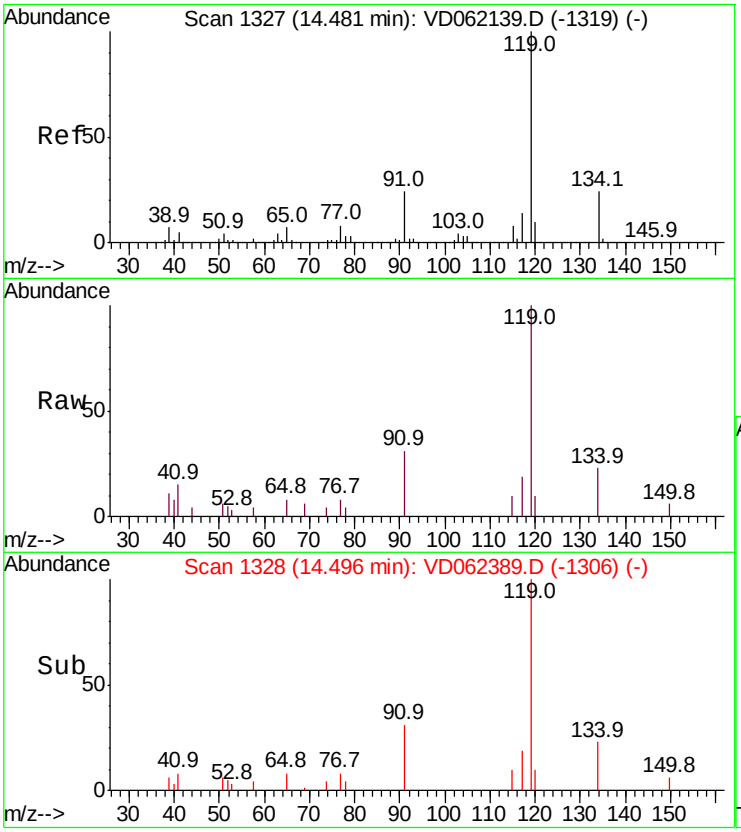


#84
1,2,4-Trimethylbenzene
Concen: 8.959 ug/l
RT: 14.24 min Scan# 1302
Delta R.T. 0.02 min
Lab File: VD062389.D
Acq: 15 May 2019 15:42

Tgt Ion:105 Resp: 60605

Ion	Ratio	Lower	Upper
105	100		
120	37.4	23.1	69.2



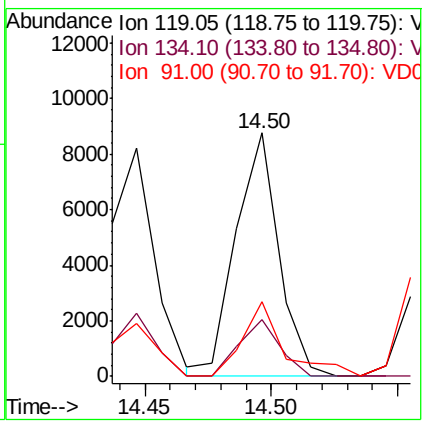


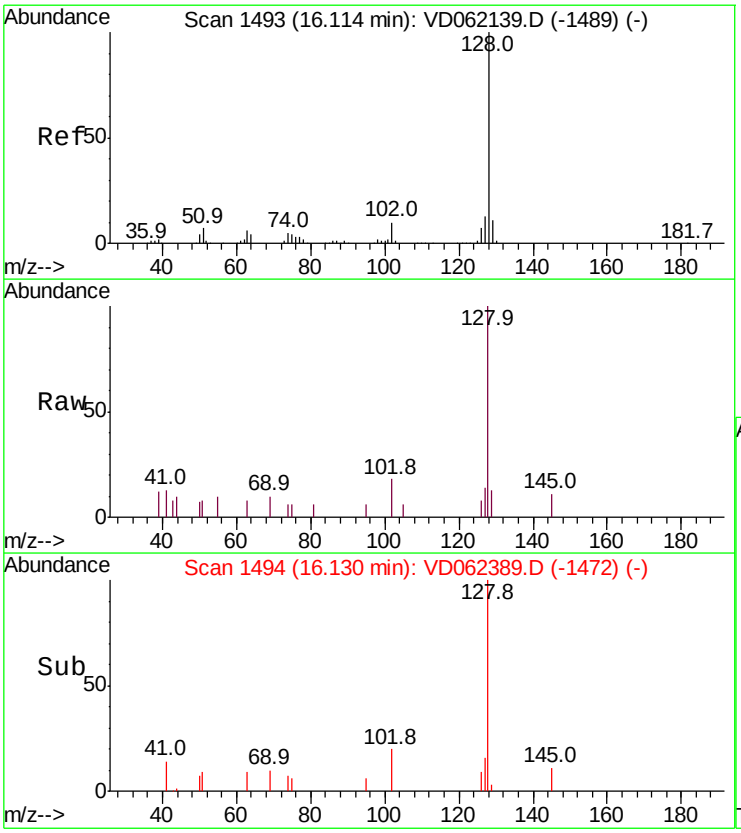
#86
p-Isopropyltoluene
Concen: 1.394 ug/l
RT: 14.50 min Scan# 1328
Delta R.T. 0.02 min
Lab File: VD062389.D
Acq: 15 May 2019 15:42

Instrument : MSVOA_D
ClientSampleId : FK-SF-03-006-B

Tgt Ion:119 Resp: 10346

Ion	Ratio	Lower	Upper
119	100		
134	23.4	12.8	38.3
91	30.7	10.7	32.1





#95
Naphthalene
Concen: 1.794 ug/l
RT: 16.13 min Scan# 1494
Delta R.T. 0.02 min
Lab File: VD062389.D
Acq: 15 May 2019 15:42

Tgt Ion:128 Resp: 6145

Ion	Ratio	Lower	Upper
128	100		
127	14.3	9.8	14.8
129	12.6	8.8	13.2