Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041019\
Data File : VD061714.D
Acq On : 10 Apr 2019 15:46
Operator : VA/AP
Sample : K2316-02RE
Misc : 5.04g/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 20190170-COMP-CS-2RE

Quant Time: Apr 11 05:45:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	45505	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.25	114	82671	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.40	117	72374	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.54	152	24555	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	33862	98.17	ug/l	0.02
Spiked Amount 50.000			Recovery = 196.34%			
35) Dibromofluoromethane	6.95	113	38432	67.10	ug/l	0.03
Spiked Amount 50.000			Recovery = 134.20%			
50) Toluene-d8	10.44	98	70717	49.15	ug/l	0.03
Spiked Amount 50.000			Recovery = 98.30%			
62) 4-Bromofluorobenzene	13.58	95	25461	50.43	ug/l	0.03
Spiked Amount 50.000			Recovery = 100.86%			
Target Compounds						Qvalue
16) Acetone	3.23	43	34299	332.646	ug/l	95
20) Methylene Chloride	3.84	84	5551	9.487	ug/l	90
25) 2-Butanone	6.10	43	11768	99.001	ug/l #	76
65) Chlorobenzene	12.43	112	1540	1.073	ug/l	98
68) m/p-Xylenes	12.68	106	861	1.022	ug/l	89
73) Isopropylbenzene	13.43	105	6575	4.019	ug/l	100
79) 2-Chlorotoluene	13.86	91	4015	3.587	ug/l	95
83) tert-Butylbenzene	14.21	119	2253	1.439	ug/l	70

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

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MSVOA_D
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20190170-COMP-CS-2RE

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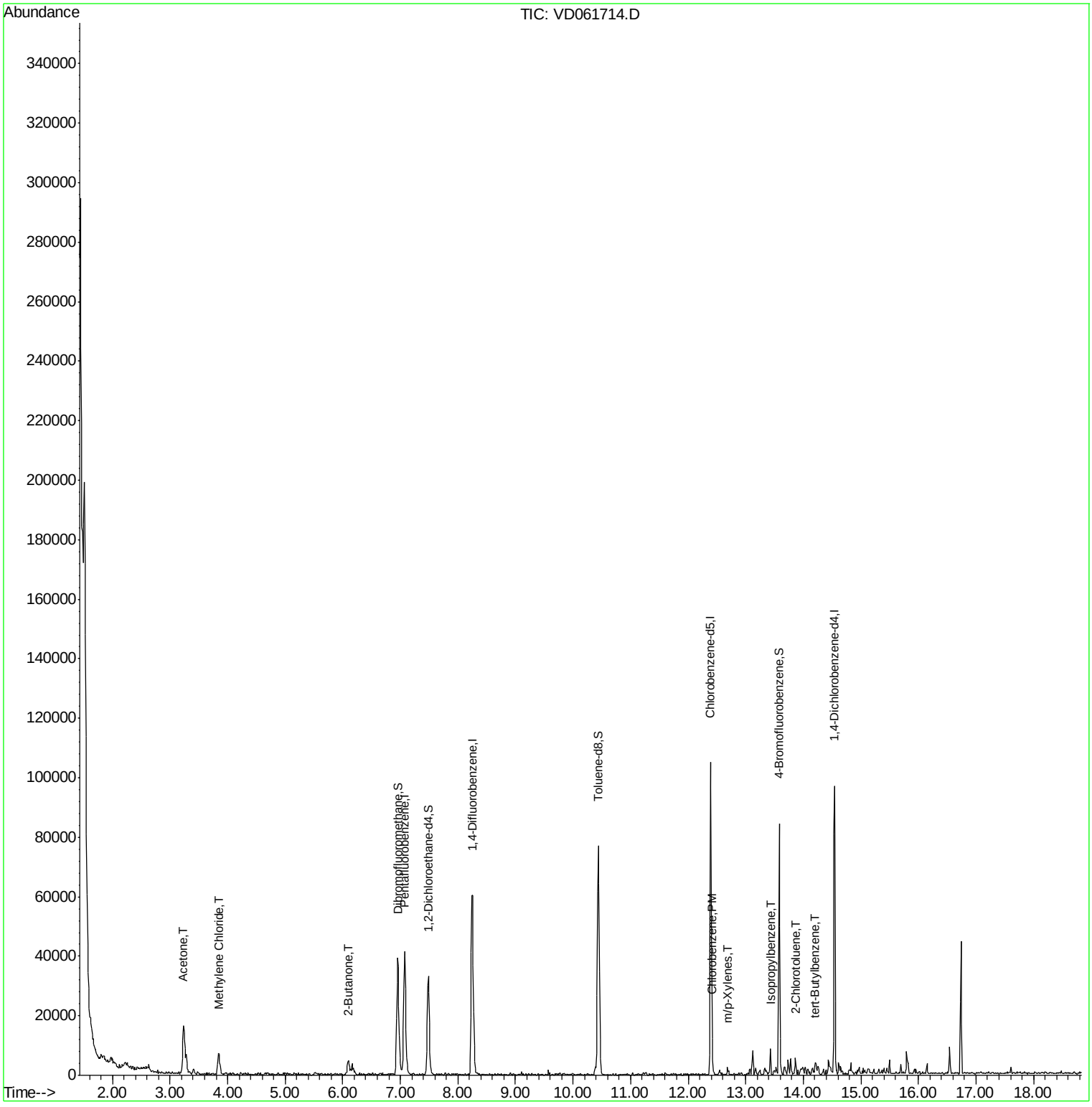
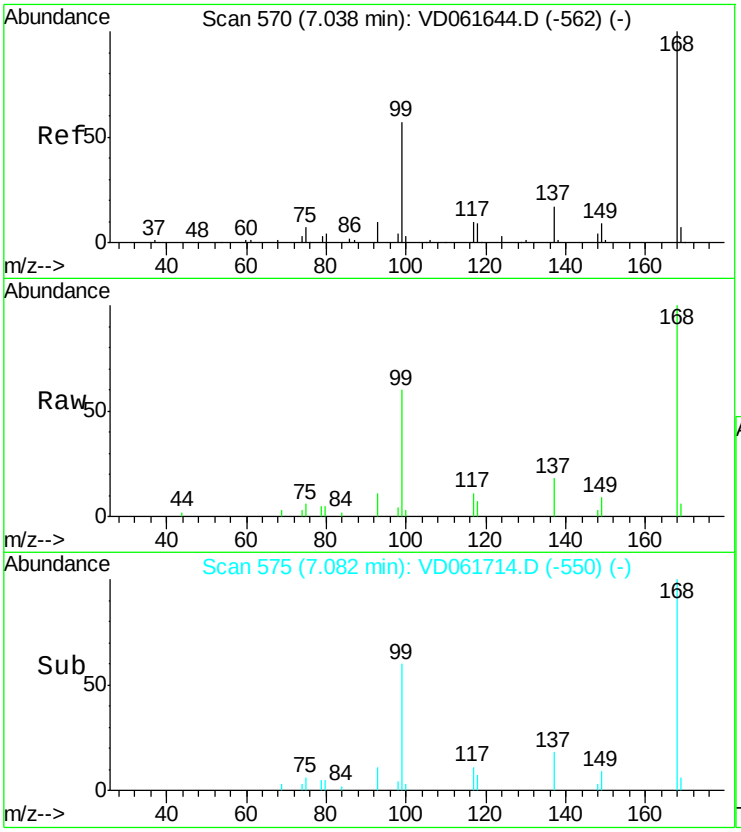


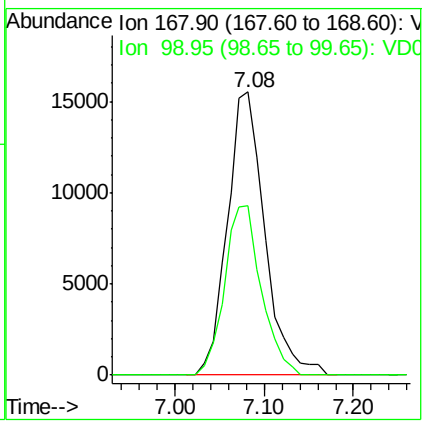


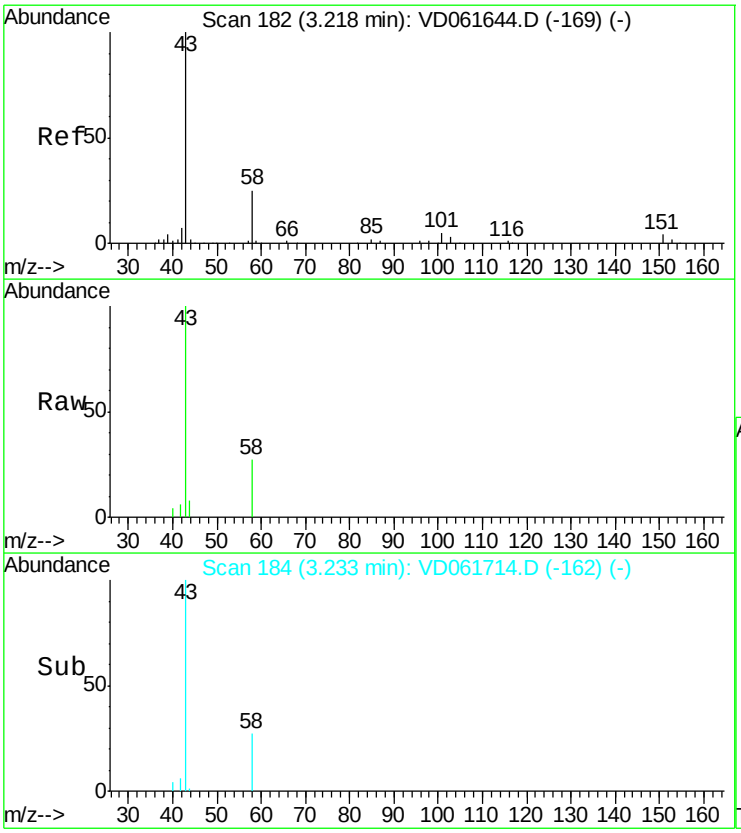
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.08 min Scan# 575
Delta R.T. 0.04 min
Lab File: VD061714.D
Acq: 10 Apr 2019 15:46

Instrument :
MSVOA_D
ClientSampleId :
20190170-COMP-CS-2RE

Tgt Ion:168 Resp: 45505

Ion	Ratio	Lower	Upper
168	100		
99	59.9	46.8	70.2

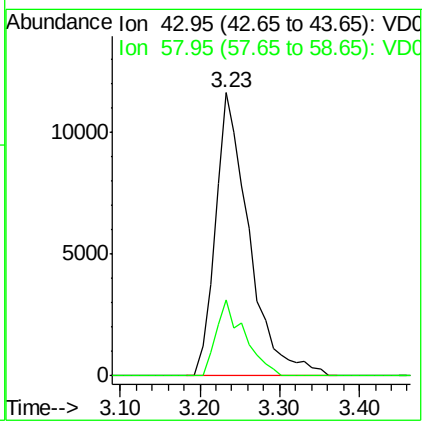


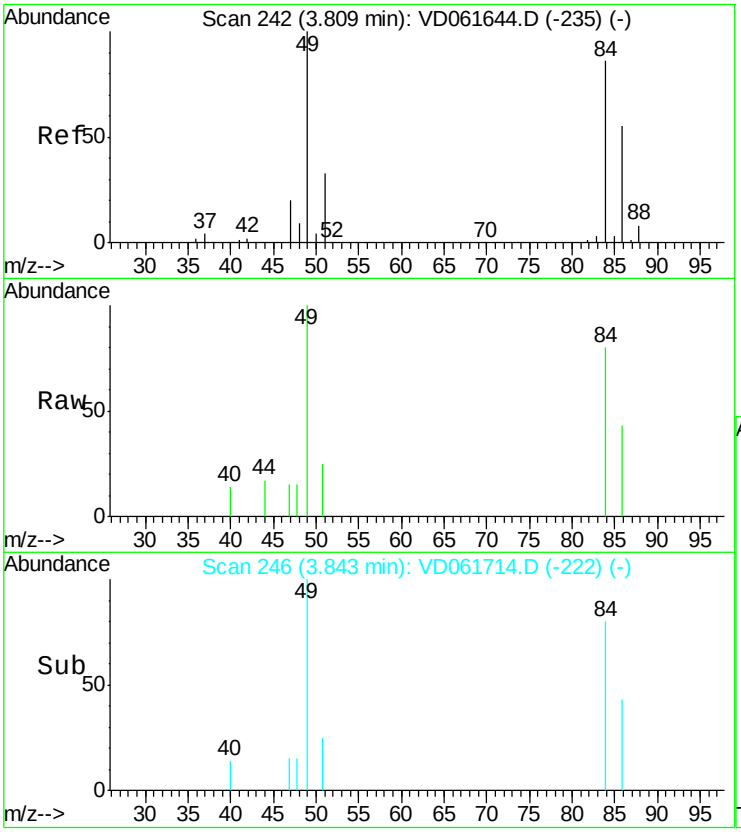


#16
Acetone
Concen: 332.646 ug/l
RT: 3.23 min Scan# 184
Delta R.T. 0.01 min
Lab File: VD061714.D
Acq: 10 Apr 2019 15:46

Tgt Ion: 43 Resp: 34299

Ion	Ratio	Lower	Upper
43	100		
58	27.1	19.7	29.5



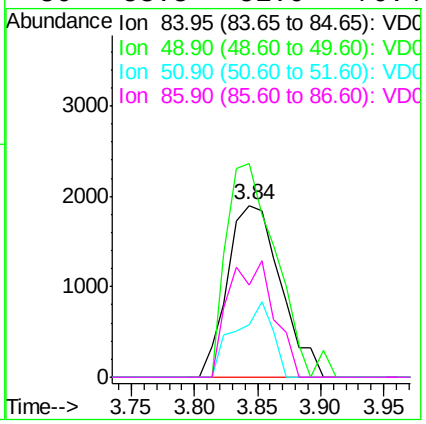


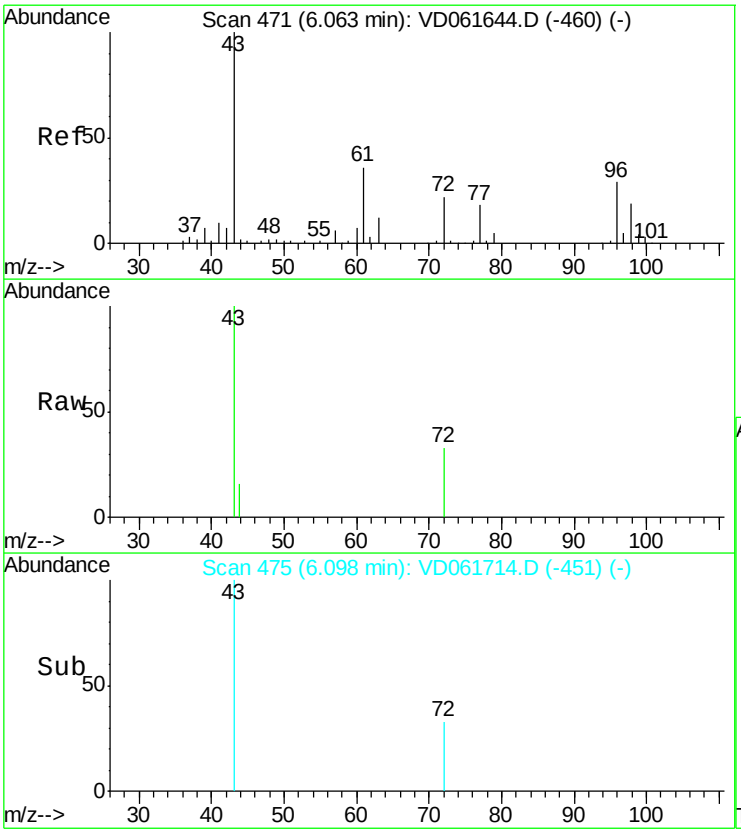
#20
Methylene Chloride
Concen: 9.487 ug/l
RT: 3.84 min Scan# 246
Delta R.T. 0.04 min
Lab File: VD061714.D
Acq: 10 Apr 2019 15:46

Instrument :
MSVOA_D
ClientSampleId :
20190170-COMP-CS-2RE

Tgt Ion: 84 Resp: 5551

Ion	Ratio	Lower	Upper
84	100		
49	124.4	93.0	139.4
51	30.6	30.4	45.6
86	53.3	51.0	76.4

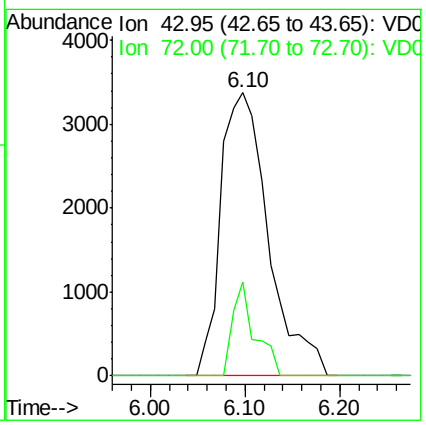


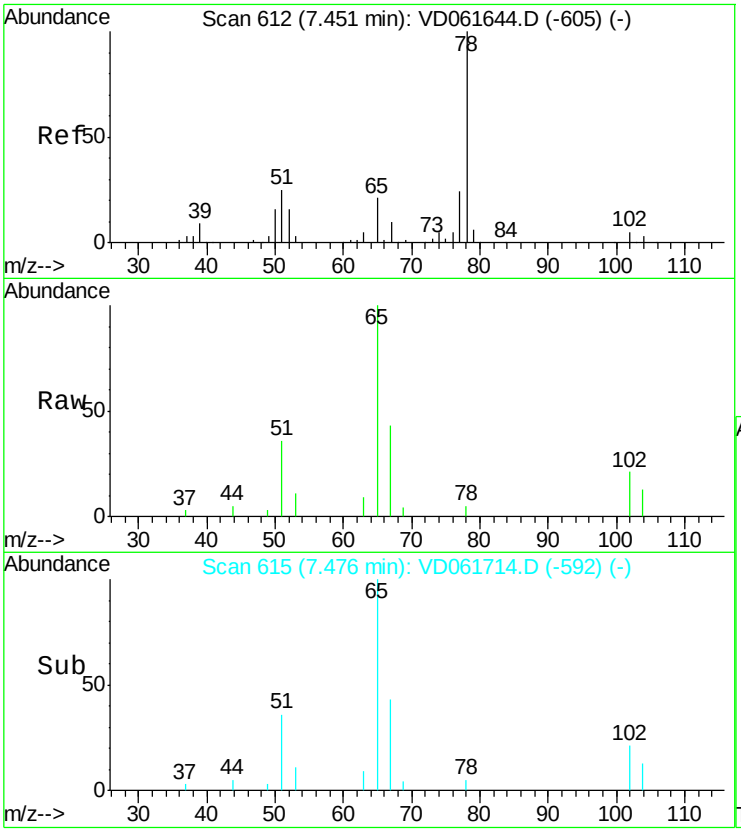


#25
2-Butanone
Concen: 99.001 ug/l
RT: 6.10 min Scan# 475
Delta R.T. 0.03 min
Lab File: VD061714.D
Acq: 10 Apr 2019 15:46

Tgt Ion: 43 Resp: 11768

Ion	Ratio	Lower	Upper
43	100		
72	33.4	17.4	26.2#



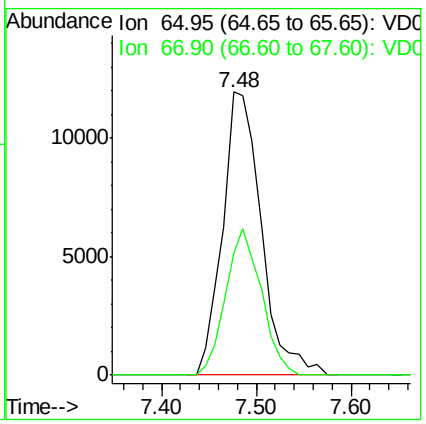


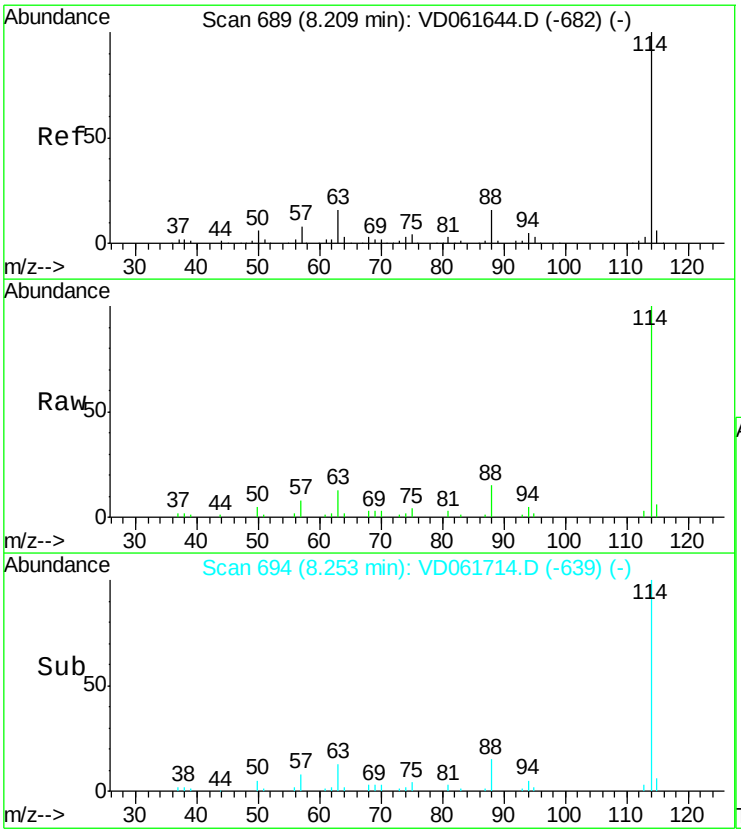
#33
1,2-Dichloroethane-d4
Concen: 98.172 ug/l
RT: 7.48 min Scan# 615
Delta R.T. 0.02 min
Lab File: VD061714.D
Acq: 10 Apr 2019 15:46

Instrument :
MSVOA_D
ClientSampleId :
20190170-COMP-CS-2RE

Tgt Ion: 65 Resp: 33862

Ion	Ratio	Lower	Upper
65	100		
67	43.2	0.0	99.4

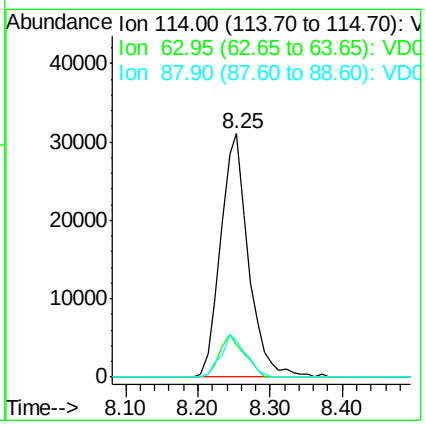


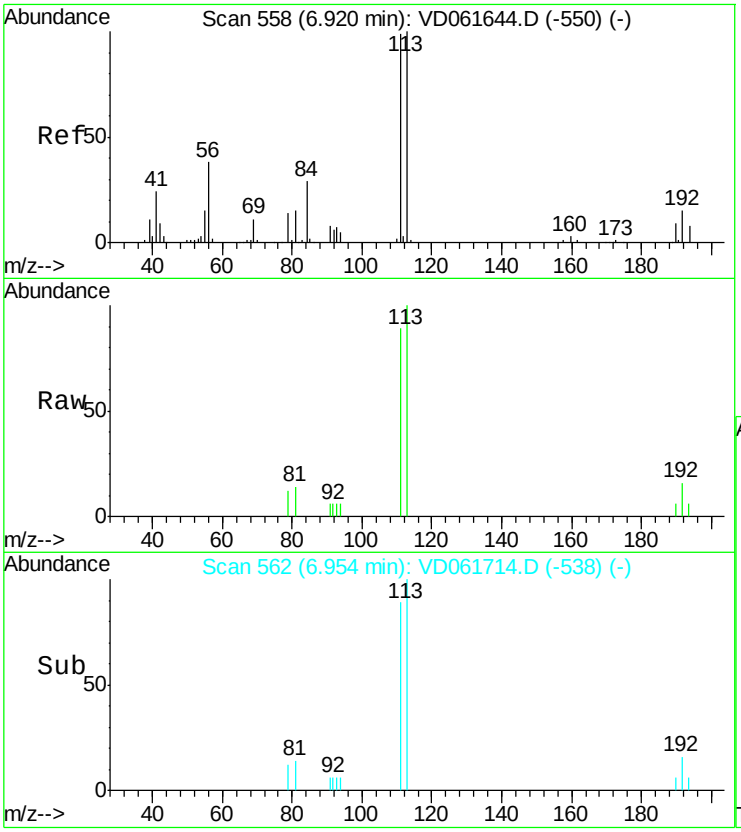


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.25 min Scan# 694
Delta R.T. 0.04 min
Lab File: VD061714.D
Acq: 10 Apr 2019 15:46

Tgt Ion:114 Resp: 82671

Ion	Ratio	Lower	Upper
114	100		
63	13.3	0.0	31.2
88	14.8	0.0	31.8



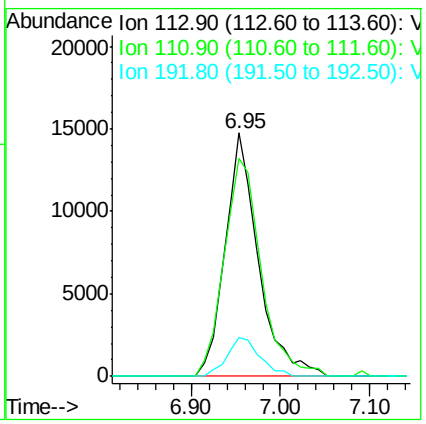


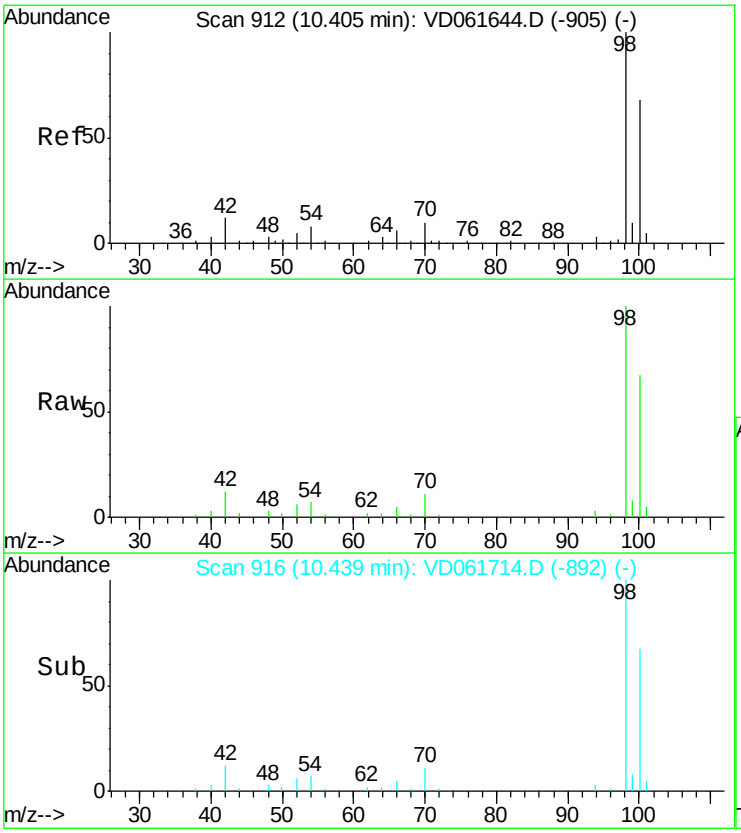
#35
Dibromofluoromethane
Concen: 67.104 ug/l
RT: 6.95 min Scan# 562
Delta R.T. 0.03 min
Lab File: VD061714.D
Acq: 10 Apr 2019 15:46

Instrument :
MSVOA_D
ClientSampleId :
20190170-COMP-CS-2RE

Tgt Ion:113 Resp: 38432

Ion	Ratio	Lower	Upper
113	100		
111	89.4	79.3	118.9
192	15.8	12.3	18.5

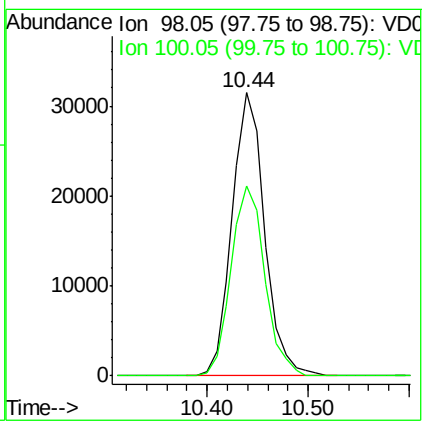


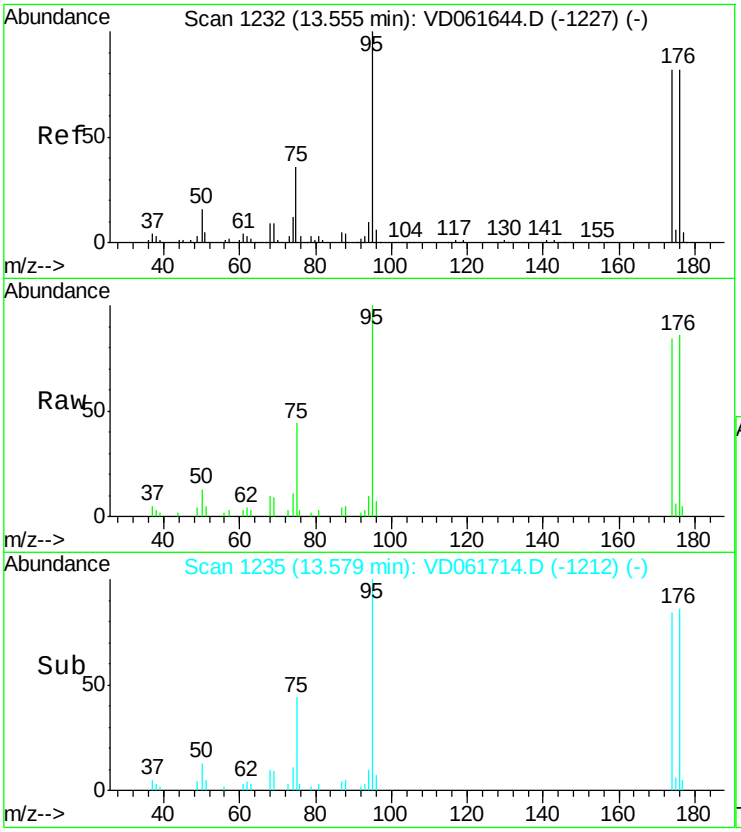


#50
Toluene-d8
Concen: 49.146 ug/l
RT: 10.44 min Scan# 916
Delta R.T. 0.03 min
Lab File: VD061714.D
Acq: 10 Apr 2019 15:46

Tgt Ion: 98 Resp: 70717

Ion	Ratio	Lower	Upper
98	100		
100	67.2	55.4	83.0



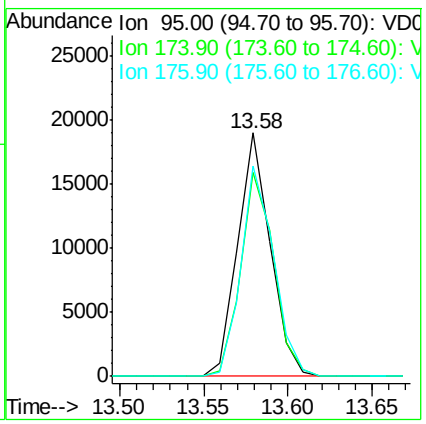


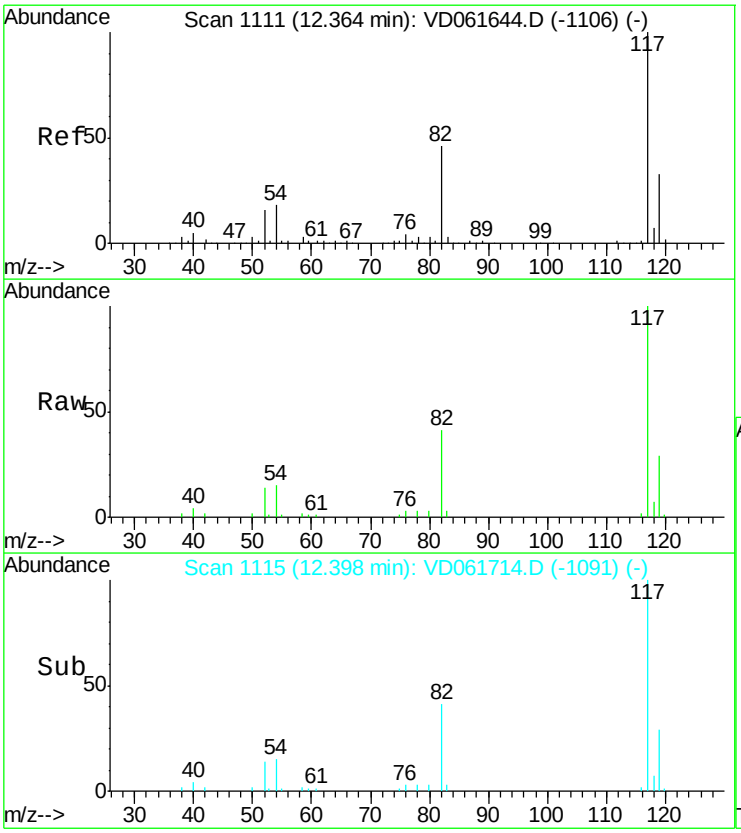
#62
4-Bromofluorobenzene
Concen: 50.427 ug/l
RT: 13.58 min Scan# 1235
Delta R.T. 0.03 min
Lab File: VD061714.D
Acq: 10 Apr 2019 15:46

Instrument :
MSVOA_D
ClientSampleId :
20190170-COMP-CS-2RE

Tgt Ion: 95 Resp: 25461

Ion	Ratio	Lower	Upper
95	100		
174	83.7	0.0	164.6
176	86.4	0.0	165.0

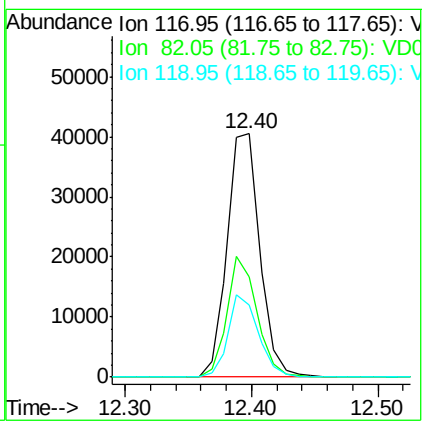


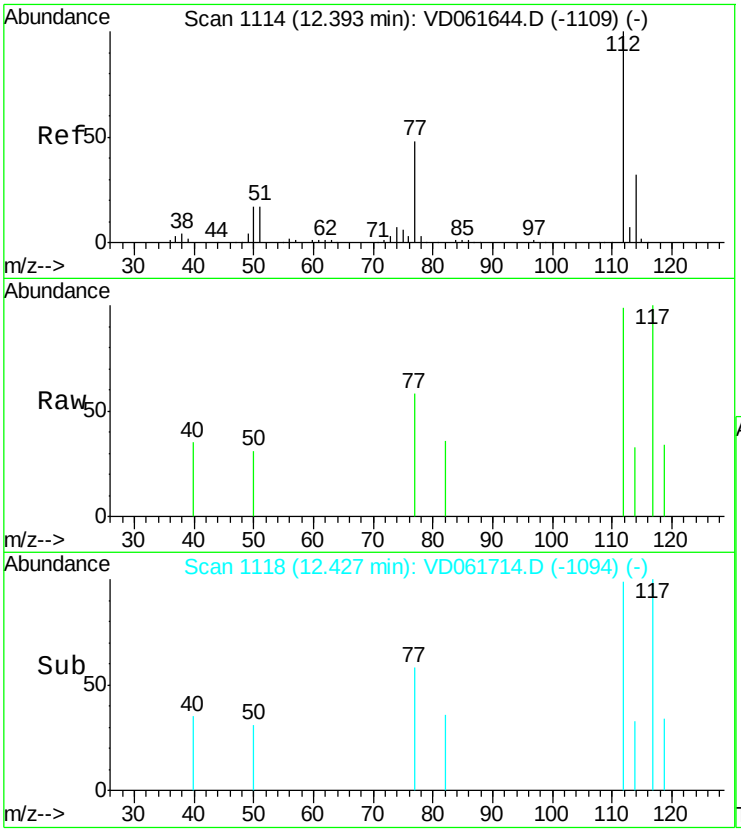


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.40 min Scan# 1115
Delta R.T. 0.03 min
Lab File: VD061714.D
Acq: 10 Apr 2019 15:46

Tgt Ion:117 Resp: 72374

Ion	Ratio	Lower	Upper
117	100		
82	41.0	36.8	55.2
119	29.4	26.1	39.1



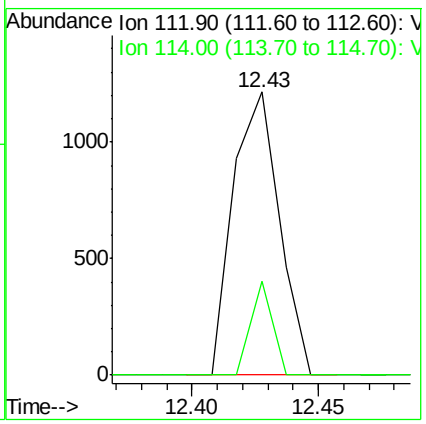


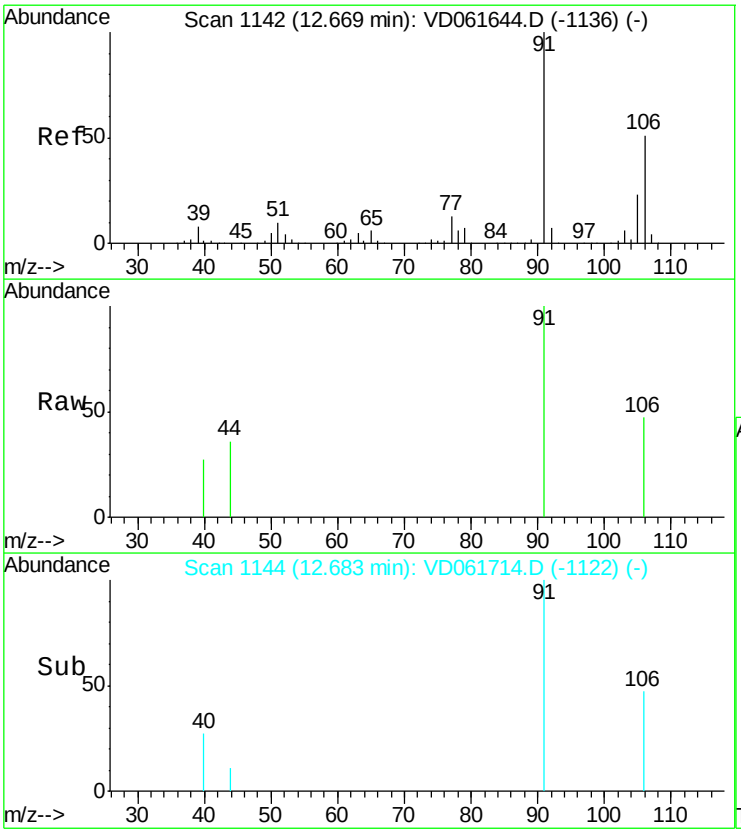
#65
Chlorobenzene
Concen: 1.073 ug/l
RT: 12.43 min Scan# 1118
Delta R.T. 0.03 min
Lab File: VD061714.D
Acq: 10 Apr 2019 15:46

Instrument :
MSVOA_D
ClientSampleId :
20190170-COMP-CS-2RE

Tgt Ion:112 Resp: 1540

Ion	Ratio	Lower	Upper
112	100		
114	33.3	25.6	38.4

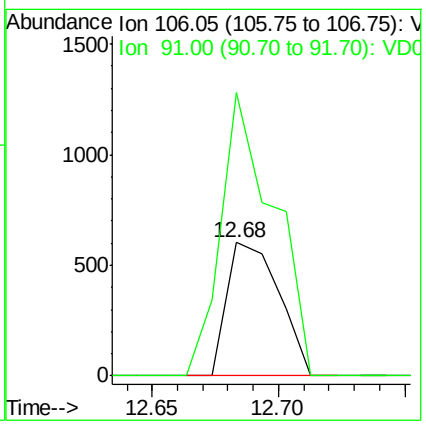


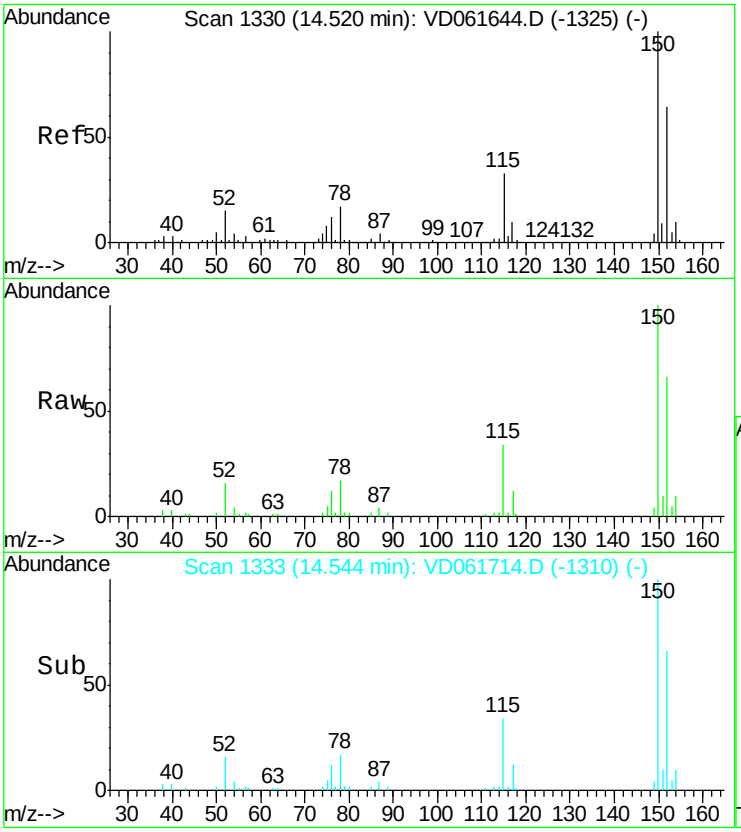


#68
m/p-Xylenes
Concen: 1.022 ug/l
RT: 12.68 min Scan# 1144
Delta R.T. 0.01 min
Lab File: VD061714.D
Acq: 10 Apr 2019 15:46

Tgt Ion:106 Resp: 861

Ion	Ratio	Lower	Upper
106	100		
91	212.1	156.7	235.1



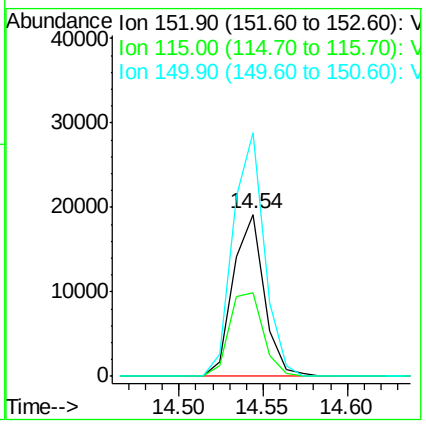


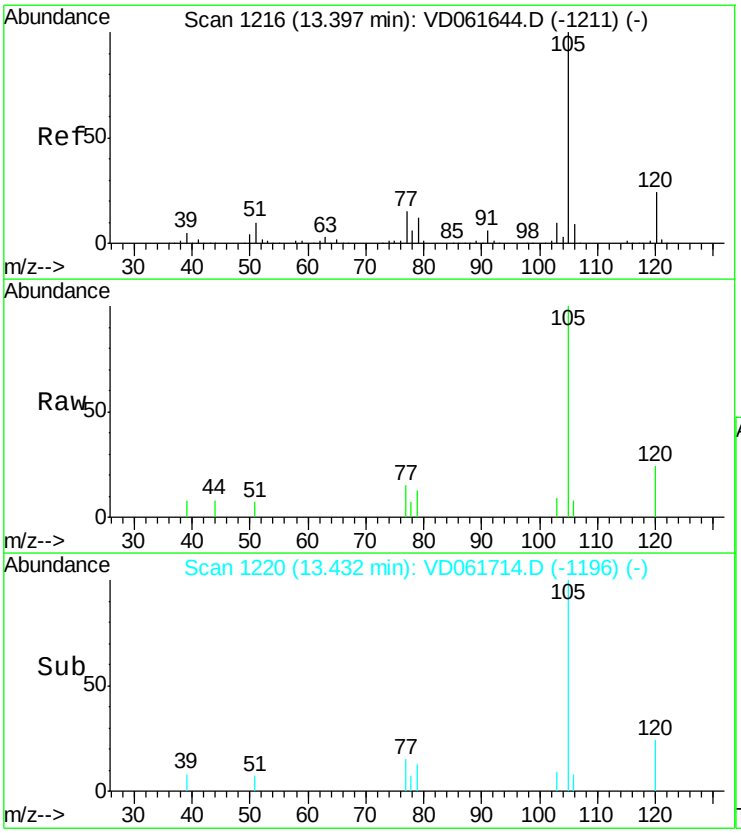
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.54 min Scan# 1333
Delta R.T. 0.02 min
Lab File: VD061714.D
Acq: 10 Apr 2019 15:46

Instrument :
MSVOA_D
ClientSampleId :
20190170-COMP-CS-2RE

Tgt Ion:152 Resp: 24555

Ion	Ratio	Lower	Upper
152	100		
115	51.9	26.4	79.2
150	150.6	0.0	320.6

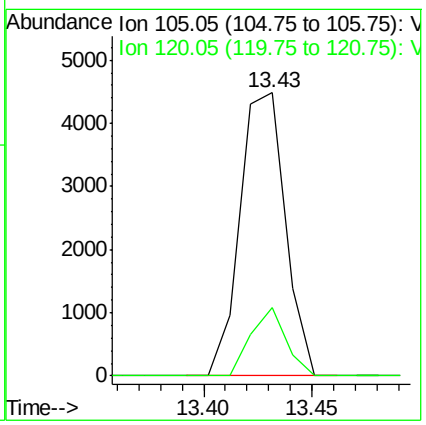


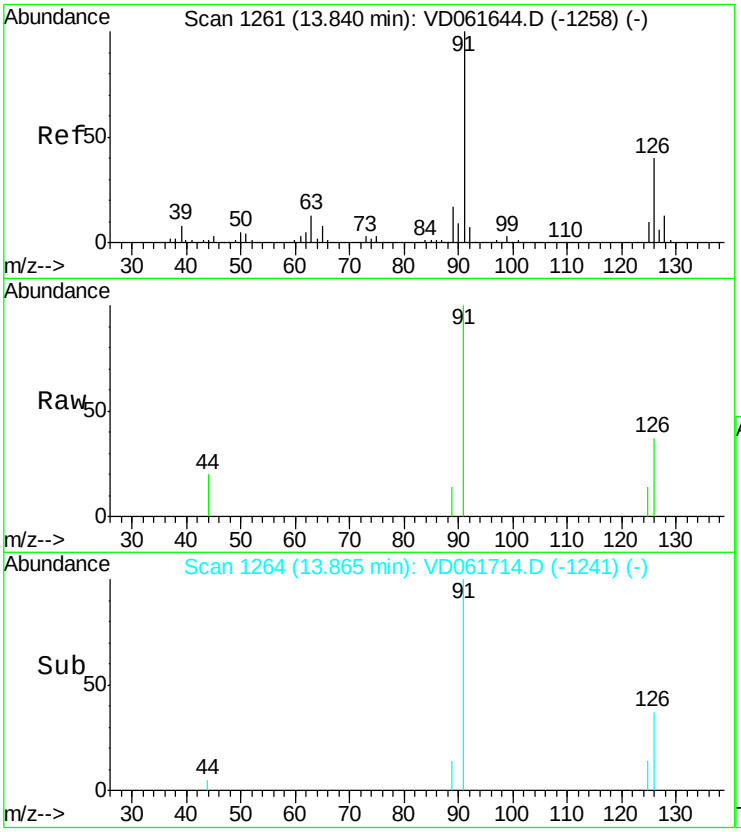


#73
Isopropylbenzene
Concen: 4.019 ug/l
RT: 13.43 min Scan# 1220
Delta R.T. 0.03 min
Lab File: VD061714.D
Acq: 10 Apr 2019 15:46

Tgt Ion:105 Resp: 6575

Ion	Ratio	Lower	Upper
105	100		
120	24.3	12.2	36.4



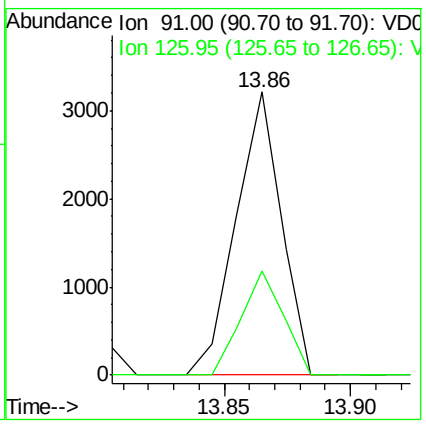


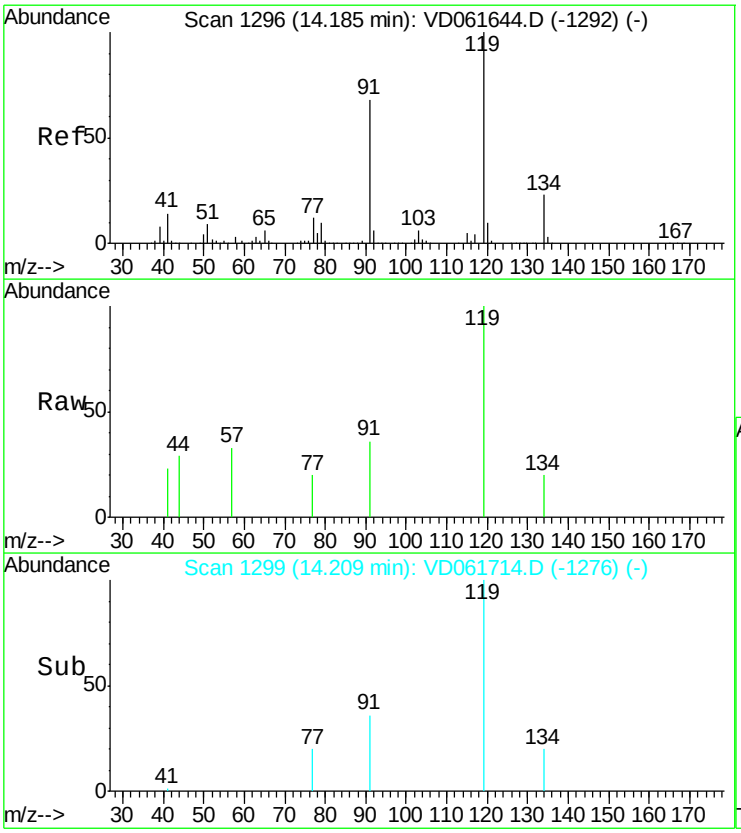
#79
2-Chlorotoluene
Concen: 3.587 ug/l
RT: 13.86 min Scan# 1264
Delta R.T. 0.02 min
Lab File: VD061714.D
Acq: 10 Apr 2019 15:46

Instrument :
MSVOA_D
ClientSampleId :
20190170-COMP-CS-2RE

Tgt Ion: 91 Resp: 4015

Ion	Ratio	Lower	Upper
91	100		
126	36.6	20.0	59.9





#83
tert-Butylbenzene
Concen: 1.439 ug/l
RT: 14.21 min Scan# 1299
Delta R.T. 0.02 min
Lab File: VD061714.D
Acq: 10 Apr 2019 15:46

Tgt Ion:119 Resp: 2253

Ion	Ratio	Lower	Upper
119	100		
91	36.4	33.9	101.6
134	20.4	11.6	34.8