Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD040919\
Data File : VD061688.D
Acq On : 9 Apr 2019 21:25
Operator : VA/AP
Sample : K2316-05
Misc : 5.02g/5ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 20190173-COMP-CS-5

Quant Time: Apr 10 03:43:19 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	444631	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.25	114	764376	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.39	117	470346	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	114800	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.49	65	184633	54.78	ug/l	0.03
Spiked Amount 50.000			Recovery = 109.56%			
35) Dibromofluoromethane	6.96	113	283408	53.52	ug/l	0.04
Spiked Amount 50.000			Recovery = 107.04%			
50) Toluene-d8	10.44	98	568091	42.70	ug/l	0.03
Spiked Amount 50.000			Recovery = 85.40%			
62) 4-Bromofluorobenzene	13.58	95	167297	33.32	ug/l	0.03
Spiked Amount 50.000			Recovery = 66.64%			
Target Compounds						Qvalue
16) Acetone	3.24	43	54755	54.348	ug/l	97
17) Carbon Disulfide	3.41	76	40476	2.687	ug/l	100
20) Methylene Chloride	3.85	84	19841	3.471	ug/l	94
25) 2-Butanone	6.10	43	18465	15.898	ug/l	98
40) Benzene	7.49	78	48622	3.013	ug/l	99
65) Chlorobenzene	12.43	112	25815	2.768	ug/l #	87
67) Ethyl Benzene	12.55	91	23225	1.635	ug/l	92
68) m/p-Xylenes	12.68	106	14274	2.607	ug/l	93
69) o-Xylene	13.07	106	11339	2.145	ug/l	97
73) Isopropylbenzene	13.42	105	101303	13.244	ug/l	100
78) n-propylbenzene	13.78	91	25332	2.769	ug/l #	54
79) 2-Chlorotoluene	13.86	91	76247	14.572	ug/l	92
80) 1,3,5-Trimethylbenzene	13.95	105	10910	1.797	ug/l	93
83) tert-Butylbenzene	14.21	119	26351	3.600	ug/l	96
84) 1,2,4-Trimethylbenzene	14.26	105	20999	3.427	ug/l	96
95) Naphthalene	16.14	128	17107	6.738	ug/l #	95

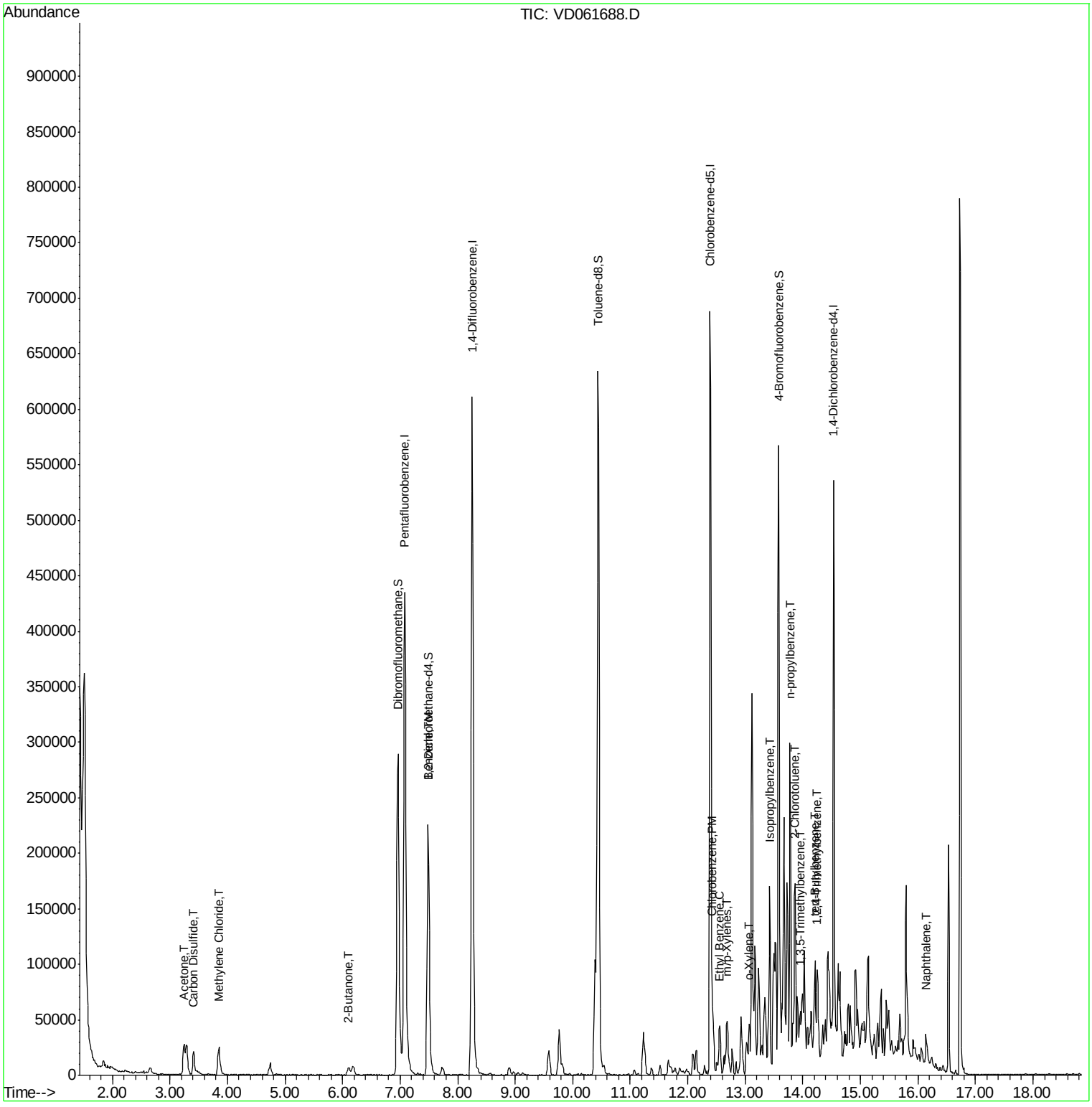
(#) = qualifier out of range (m) = manual integration (+) = signals summed

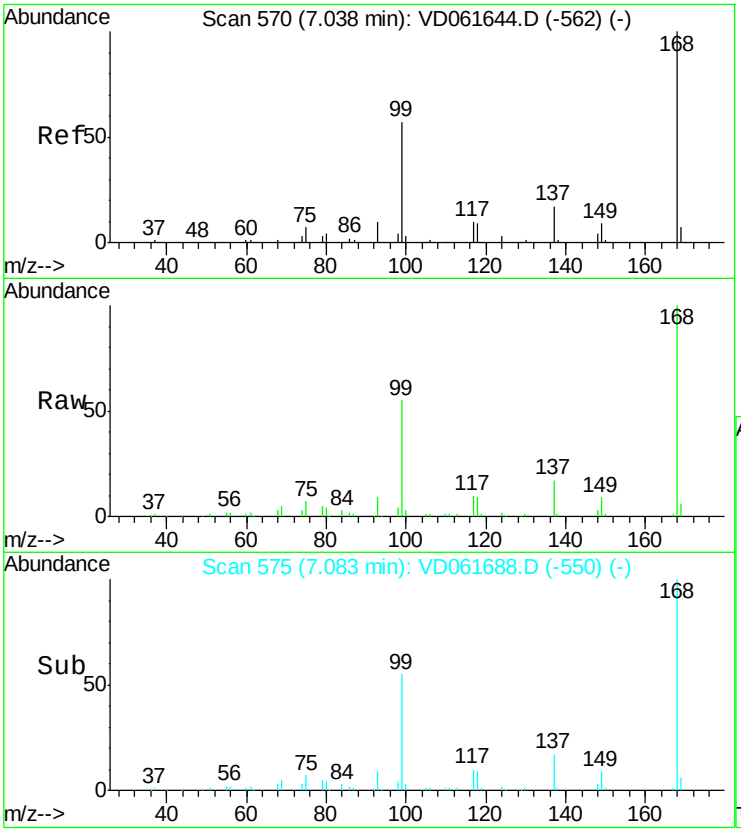
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040919\
Data File : VD061688.D
Acq On : 9 Apr 2019 21:25
Operator : VA/AP
Sample : K2316-05
Misc : 5.02g/5ml/MSVOA D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20190173-COMP-CS-5

Quant Time: Apr 10 03:43:19 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



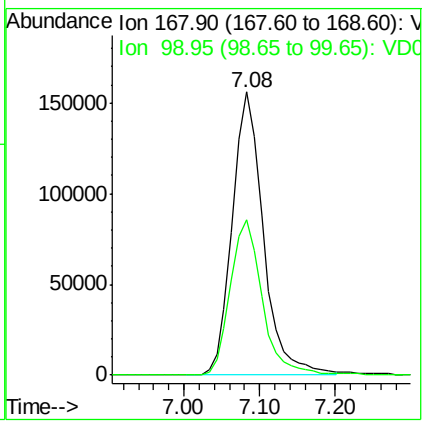


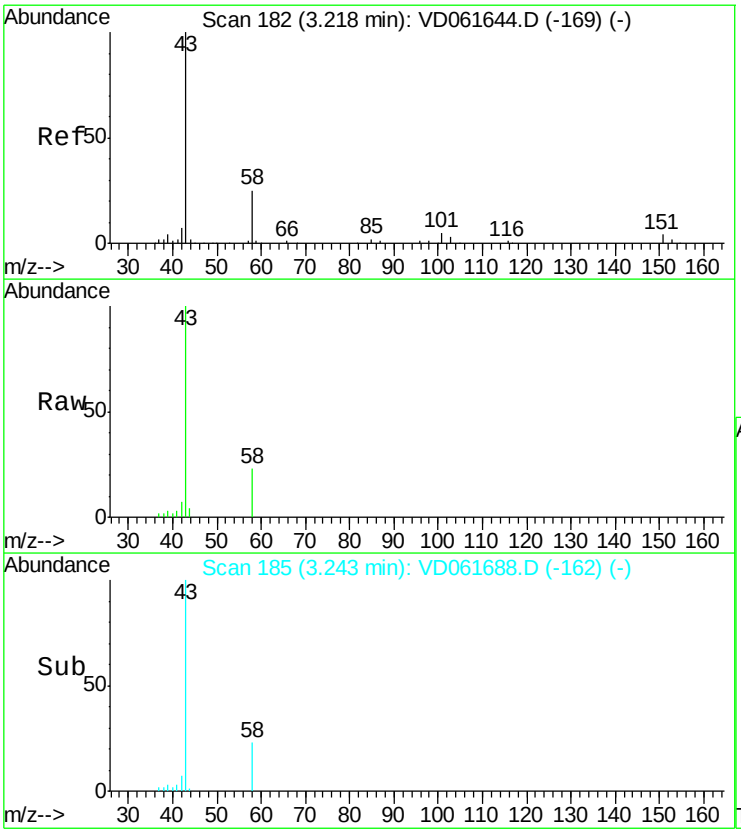
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.08 min Scan# 575
Delta R.T. 0.04 min
Lab File: VD061688.D
Acq: 9 Apr 2019 21:25

Instrument :
MSVOA_D
ClientSampleId :
20190173-COMP-CS-5

Tgt Ion:168 Resp: 444631

Ion	Ratio	Lower	Upper
168	100		
99	54.8	46.8	70.2

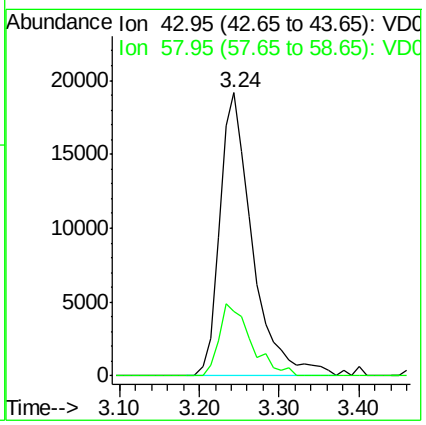


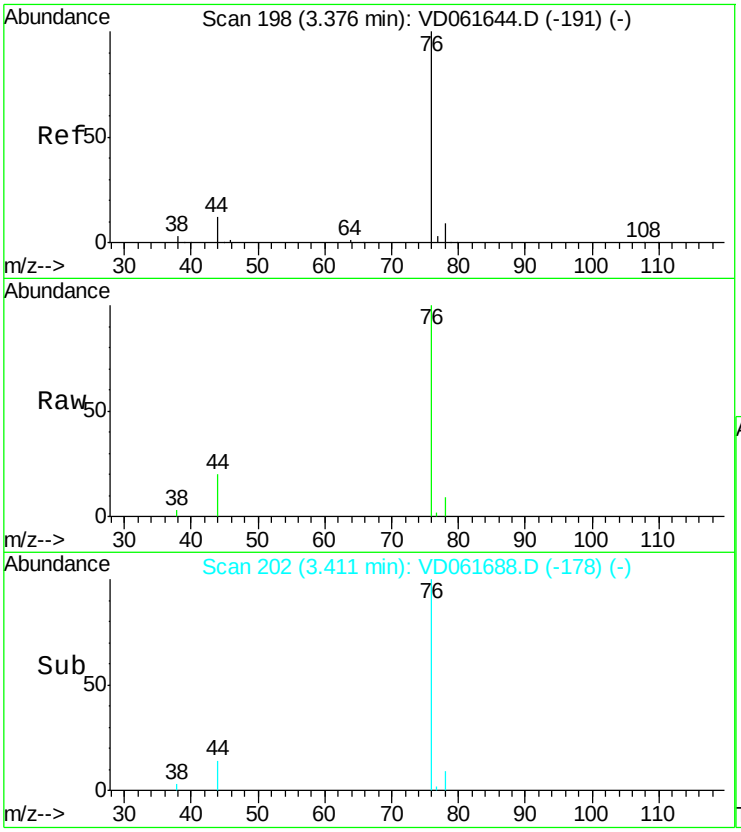


#16
Acetone
Concen: 54.348 ug/l
RT: 3.24 min Scan# 185
Delta R.T. 0.03 min
Lab File: VD061688.D
Acq: 9 Apr 2019 21:25

Tgt Ion: 43 Resp: 54755

Ion	Ratio	Lower	Upper
43	100		
58	22.9	19.7	29.5



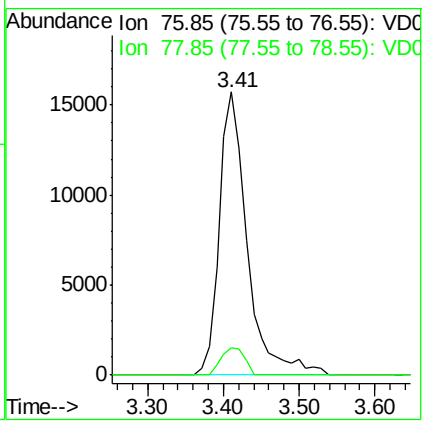


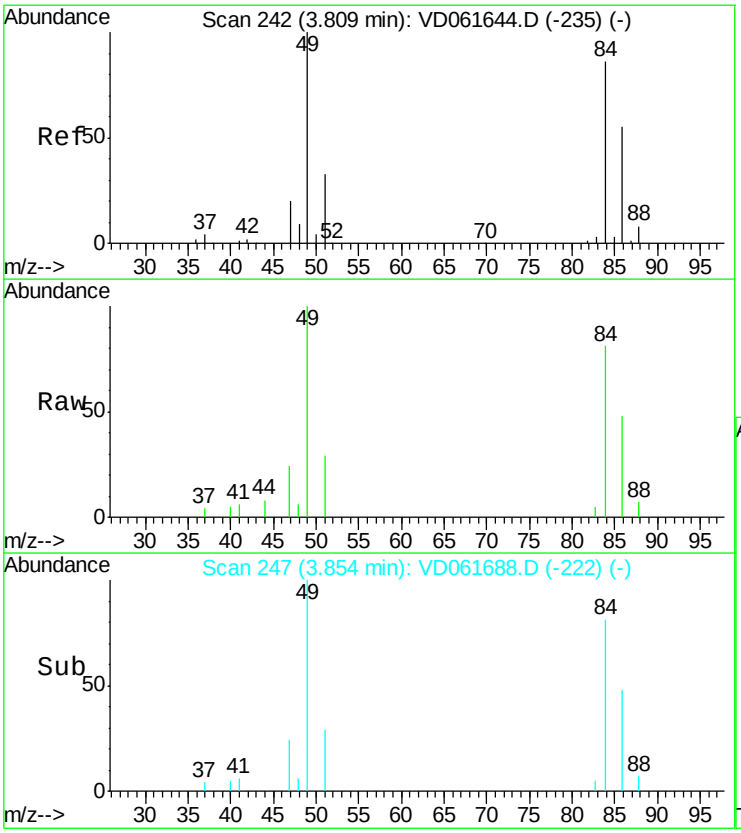
#17
Carbon Disulfide
Concen: 2.687 ug/l
RT: 3.41 min Scan# 202
Delta R.T. 0.03 min
Lab File: VD061688.D
Acq: 9 Apr 2019 21:25

Instrument :
MSVOA_D
ClientSampleId :
20190173-COMP-CS-5

Tgt Ion: 76 Resp: 40476

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.2

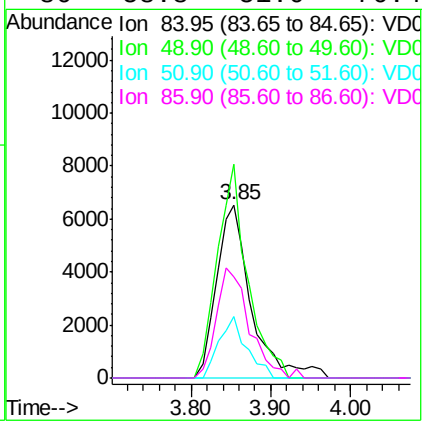


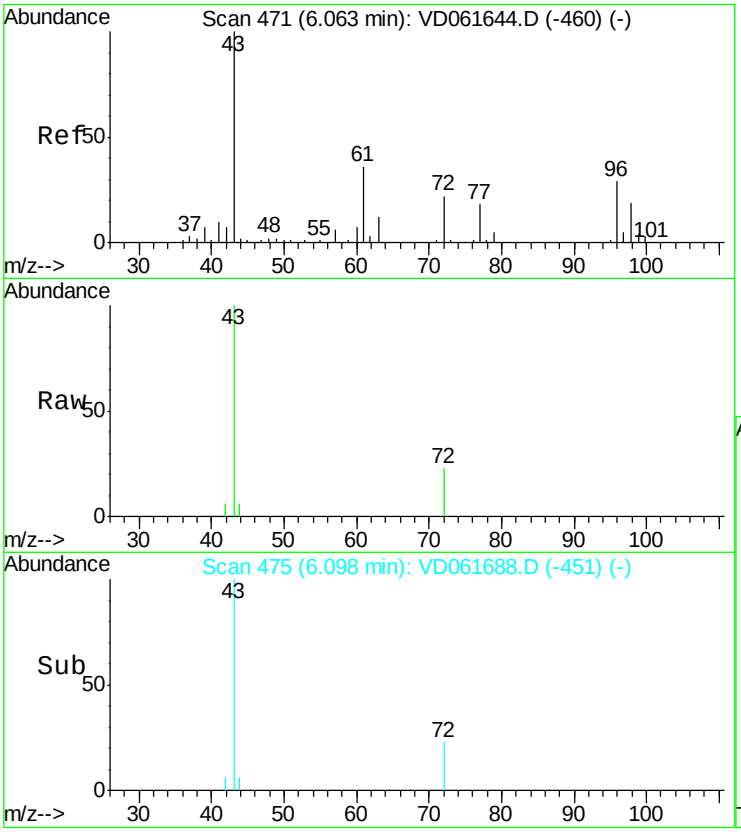


#20
Methylene Chloride
Concen: 3.471 ug/l
RT: 3.85 min Scan# 247
Delta R.T. 0.05 min
Lab File: VD061688.D
Acq: 9 Apr 2019 21:25

Tgt Ion: 84 Resp: 19841

Ion	Ratio	Lower	Upper
84	100		
49	123.4	93.0	139.4
51	35.4	30.4	45.6
86	58.8	51.0	76.4



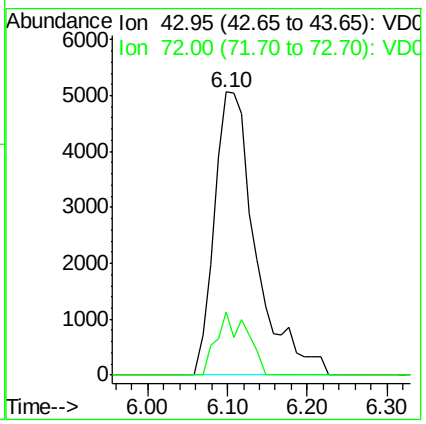


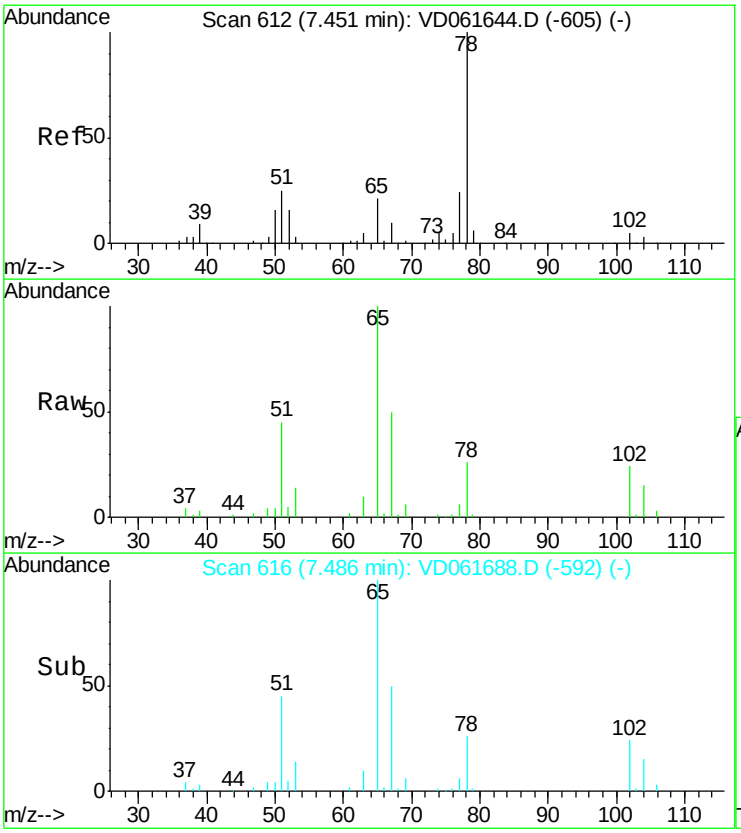
#25
2-Butanone
Concen: 15.898 ug/l
RT: 6.10 min Scan# 475
Delta R.T. 0.03 min
Lab File: VD061688.D
Acq: 9 Apr 2019 21:25

Instrument :
MSVOA_D
ClientSampleId :
20190173-COMP-CS-5

Tgt Ion: 43 Resp: 18465

Ion	Ratio	Lower	Upper
43	100		
72	22.5	17.4	26.2

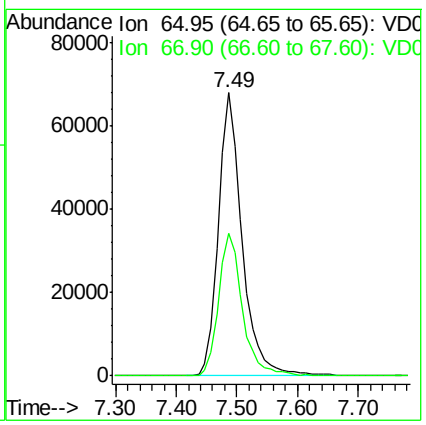


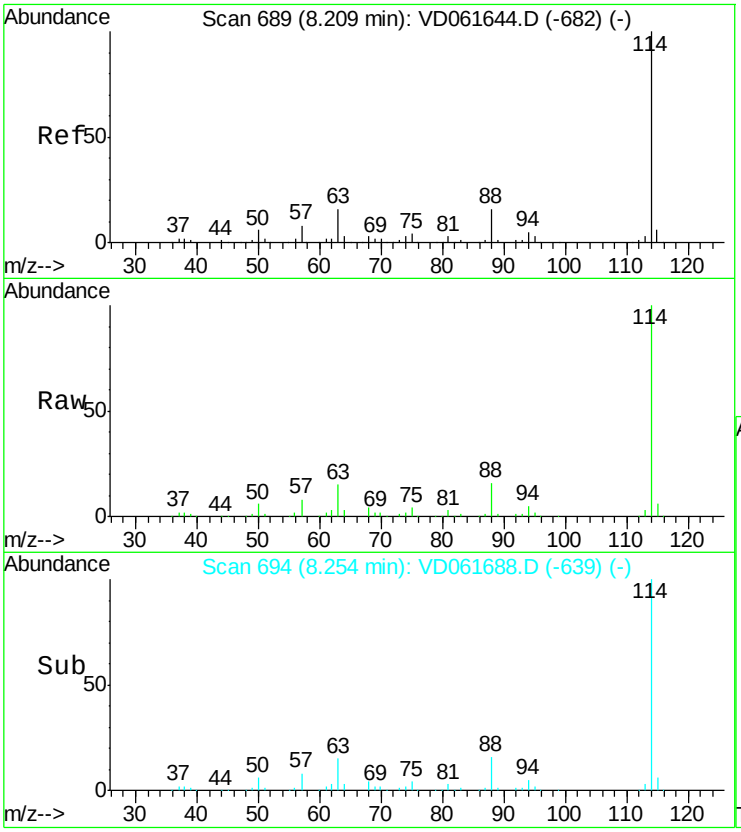


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.49 min Scan# 616
Delta R.T. 0.03 min
Lab File: VD061688.D
Acq: 9 Apr 2019 21:25

Tgt Ion: 65 Resp: 184633

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	99.4



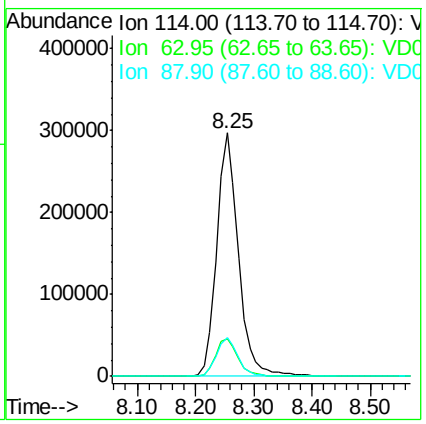


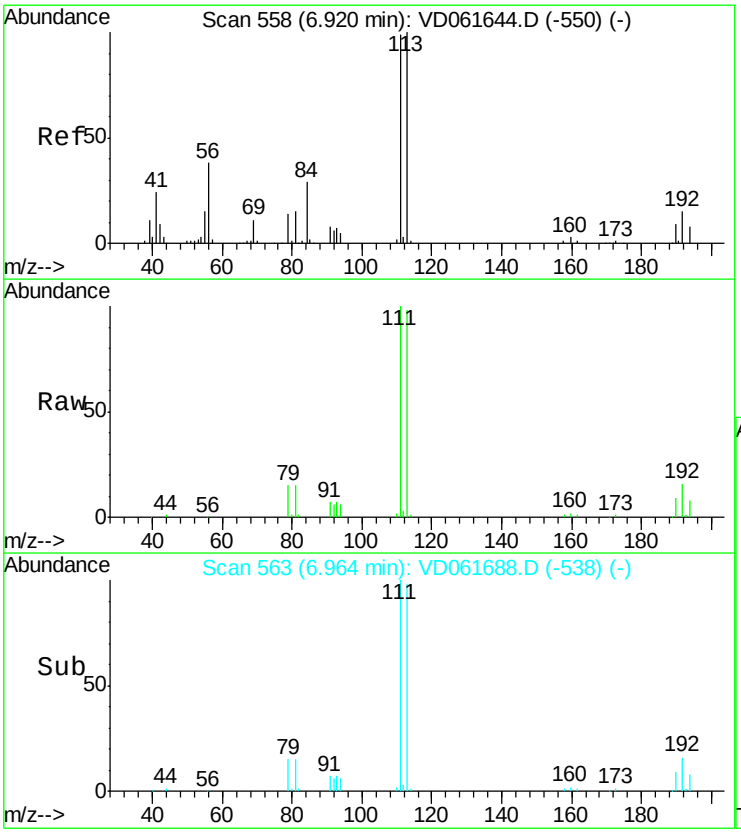
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.25 min Scan# 694
Delta R.T. 0.04 min
Lab File: VD061688.D
Acq: 9 Apr 2019 21:25

Instrument :
MSVOA_D
ClientSampleId :
20190173-COMP-CS-5

Tgt Ion:114 Resp: 764376

Ion	Ratio	Lower	Upper
114	100		
63	15.2	0.0	31.2
88	15.8	0.0	31.8

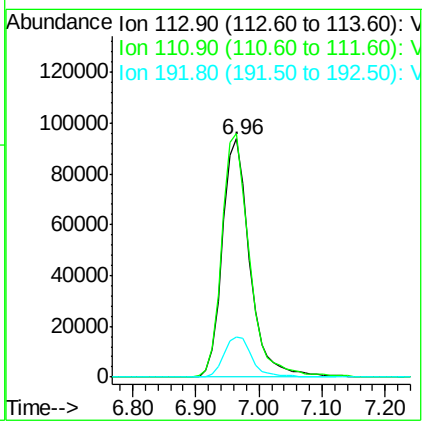


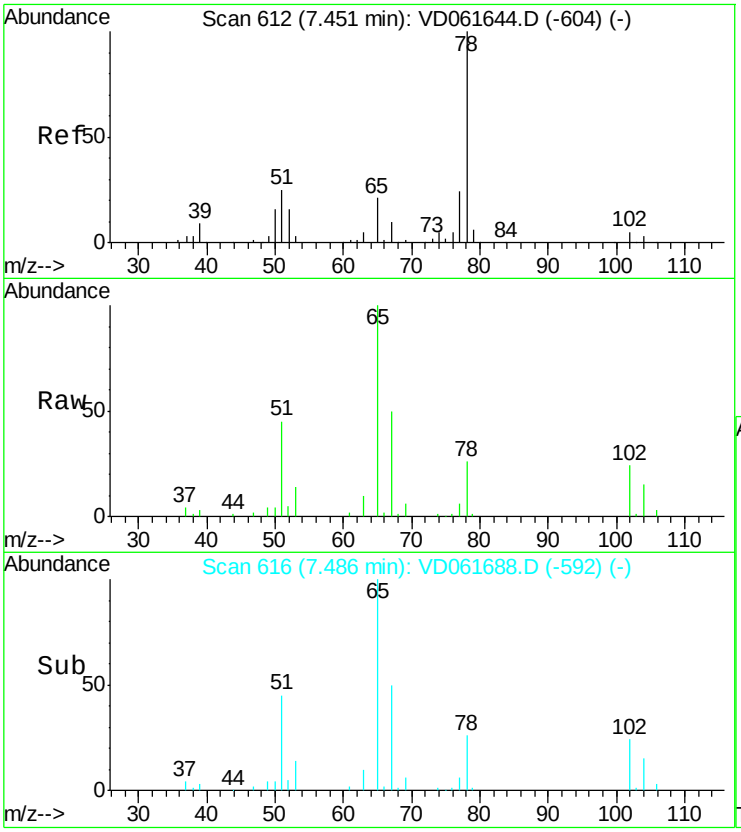


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.96 min Scan# 563
Delta R.T. 0.04 min
Lab File: VD061688.D
Acq: 9 Apr 2019 21:25

Tgt Ion:113 Resp: 283408

Ion	Ratio	Lower	Upper
113	100		
111	102.3	79.3	118.9
192	16.8	12.3	18.5



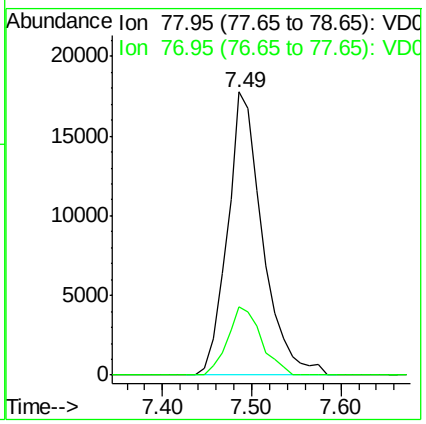


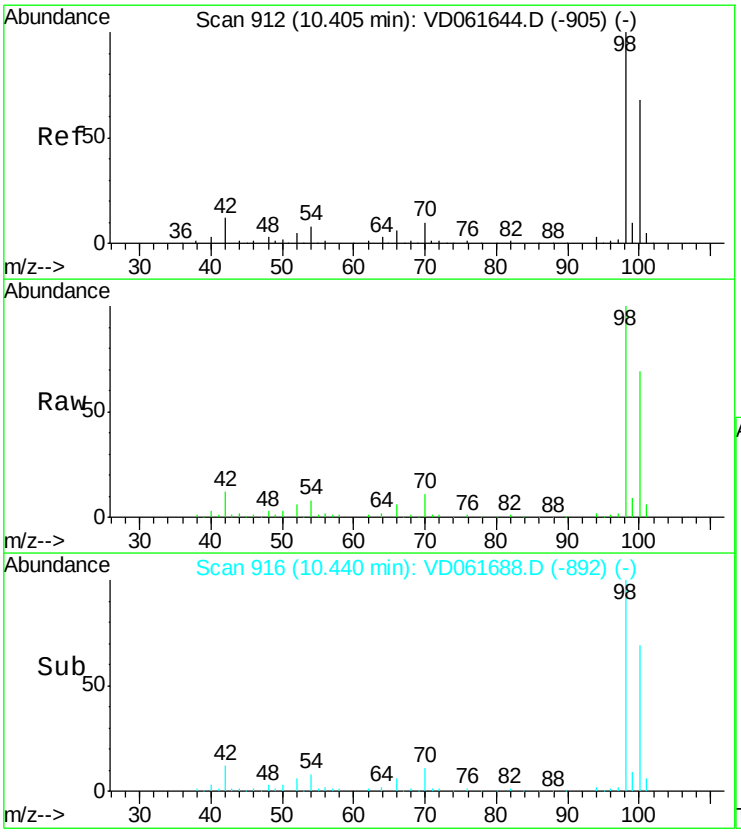
#40
Benzene
Concen: 3.013 ug/l
RT: 7.49 min Scan# 616
Delta R.T. 0.03 min
Lab File: VD061688.D
Acq: 9 Apr 2019 21:25

Instrument :
MSVOA_D
ClientSampleId :
20190173-COMP-CS-5

Tgt Ion: 78 Resp: 48622

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.5	29.3

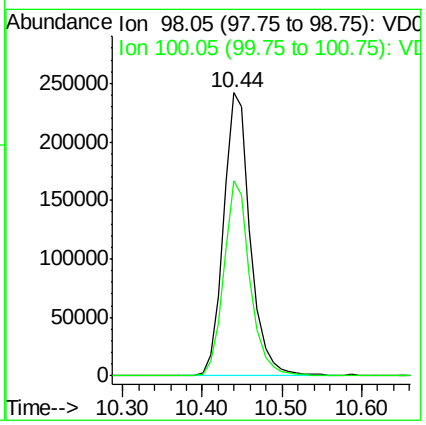


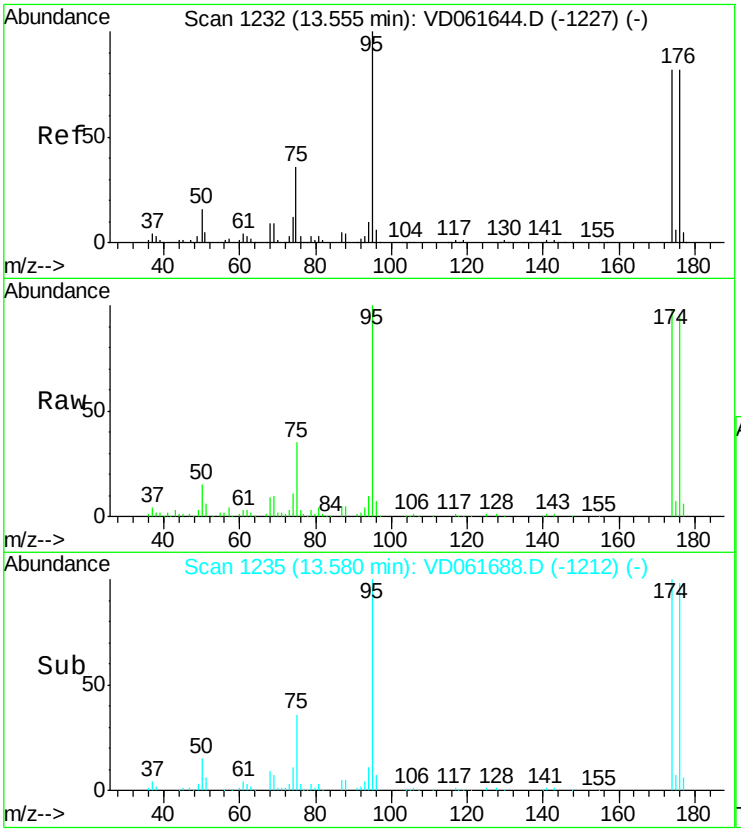


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.44 min Scan# 916
Delta R.T. 0.03 min
Lab File: VD061688.D
Acq: 9 Apr 2019 21:25

Tgt Ion: 98 Resp: 568091

Ion	Ratio	Lower	Upper
98	100		
100	69.0	55.4	83.0



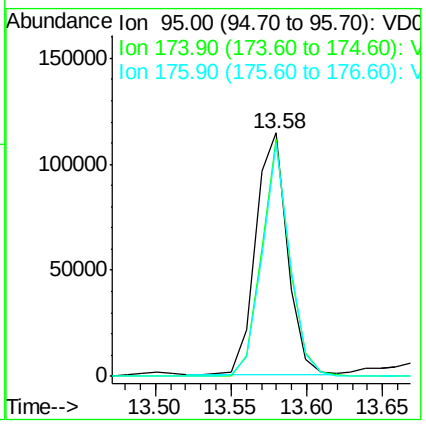


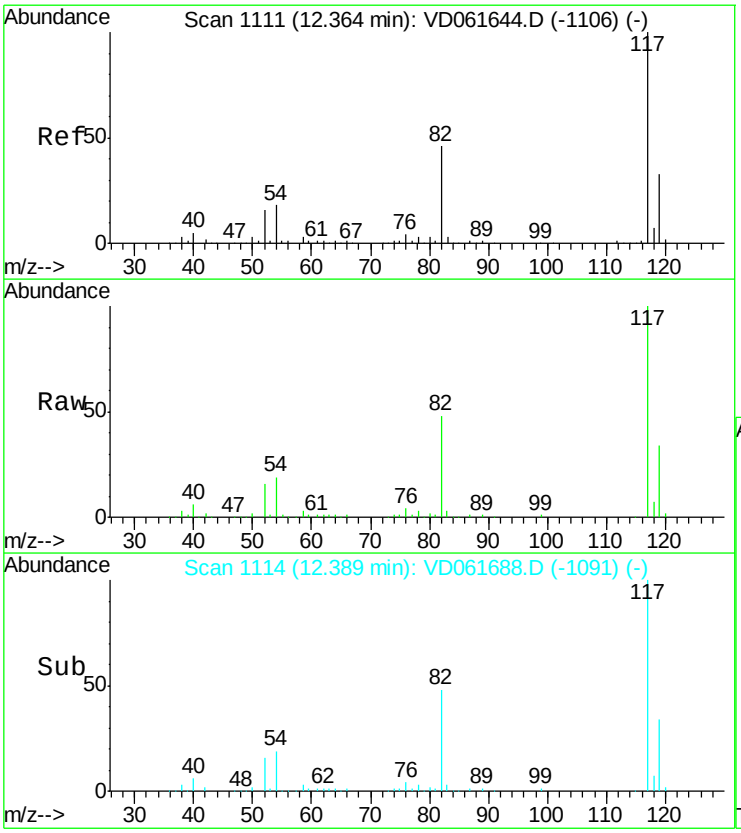
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.58 min Scan# 1235
Delta R.T. 0.03 min
Lab File: VD061688.D
Acq: 9 Apr 2019 21:25

Instrument :
MSVOA_D
ClientSampleId :
20190173-COMP-CS-5

Tgt Ion: 95 Resp: 167297

Ion	Ratio	Lower	Upper
95	100		
174	97.6	0.0	164.6
176	95.7	0.0	165.0

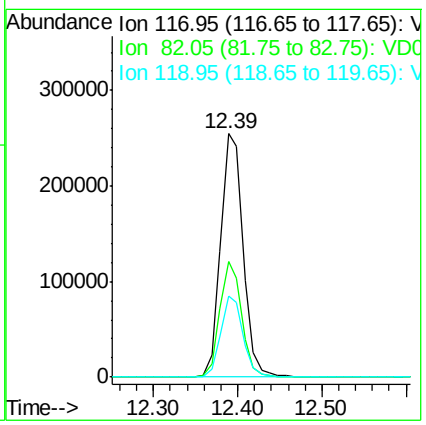


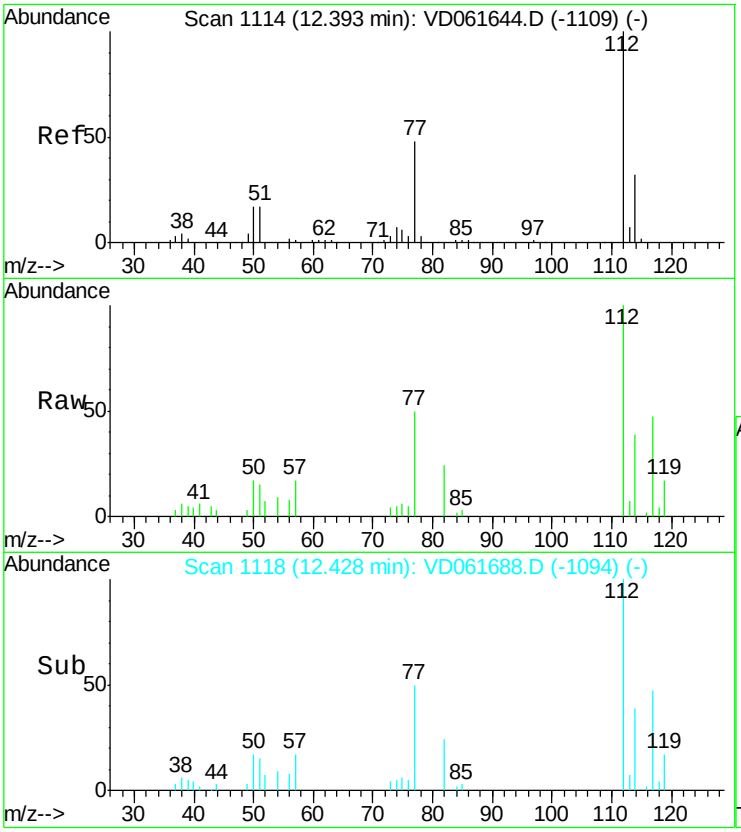


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. 0.03 min
Lab File: VD061688.D
Acq: 9 Apr 2019 21:25

Tgt Ion:117 Resp: 470346

Ion	Ratio	Lower	Upper
117	100		
82	47.6	36.8	55.2
119	33.5	26.1	39.1



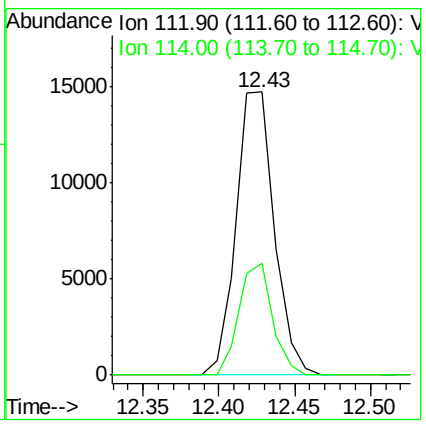


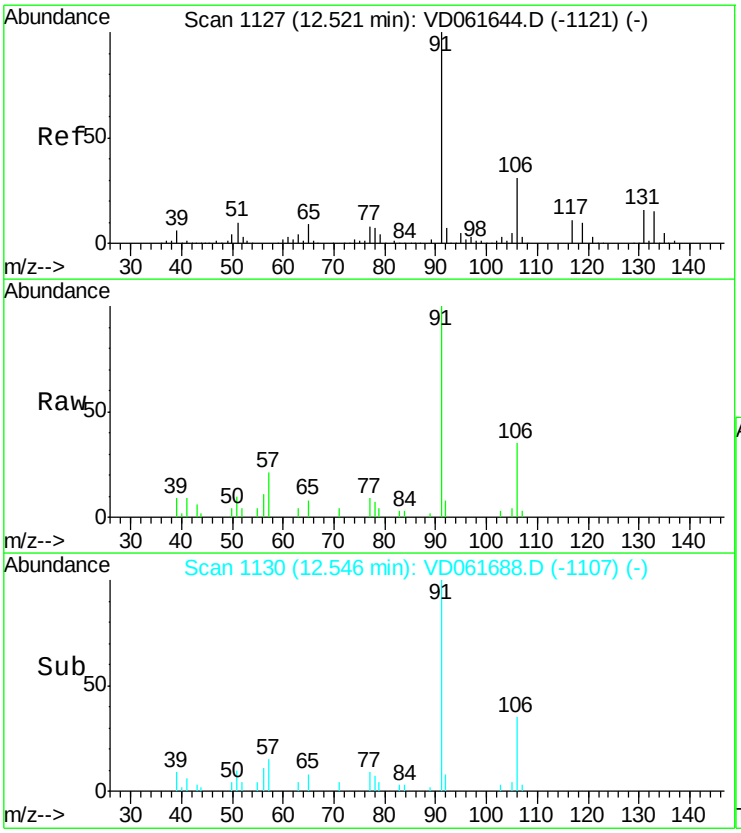
#65
Chlorobenzene
Concen: 2.768 ug/l
RT: 12.43 min Scan# 1118
Delta R.T. 0.03 min
Lab File: VD061688.D
Acq: 9 Apr 2019 21:25

Instrument :
MSVOA_D
ClientSampleId :
20190173-COMP-CS-5

Tgt Ion:112 Resp: 25815

Ion	Ratio	Lower	Upper
112	100		
114	39.5	25.6	38.4#

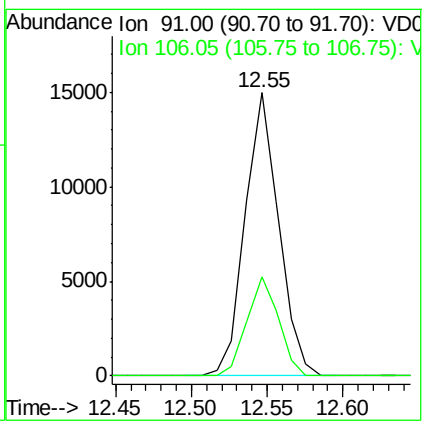


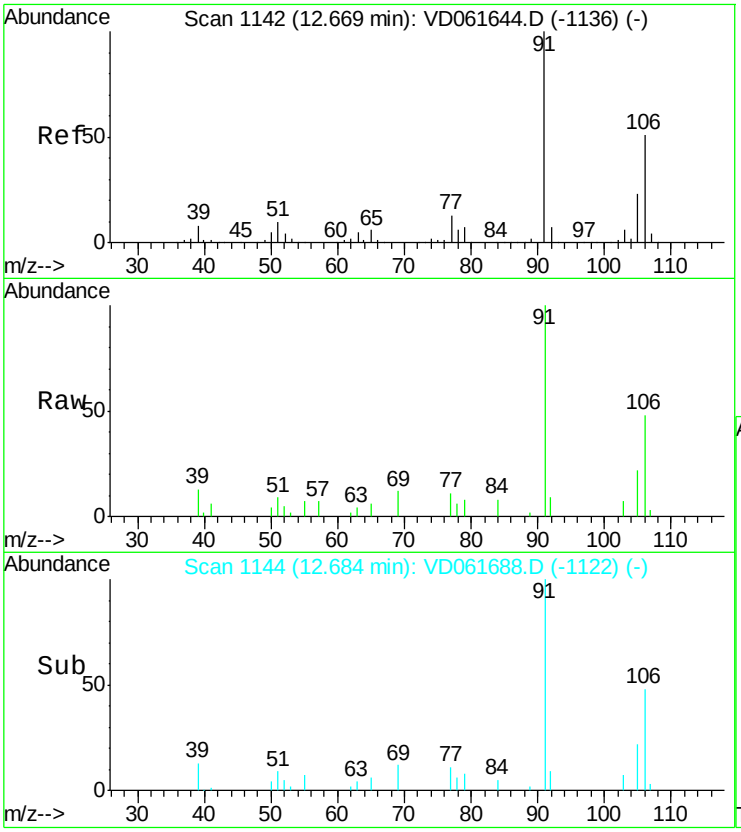


#67
Ethyl Benzene
Concen: 1.635 ug/l
RT: 12.55 min Scan# 1130
Delta R.T. 0.03 min
Lab File: VD061688.D
Acq: 9 Apr 2019 21:25

Tgt Ion: 91 Resp: 23225

Ion	Ratio	Lower	Upper
91	100		
106	35.1	24.6	37.0



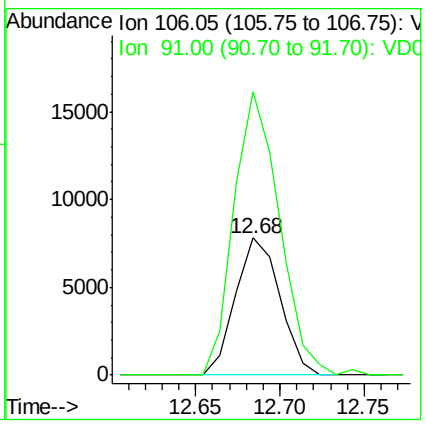


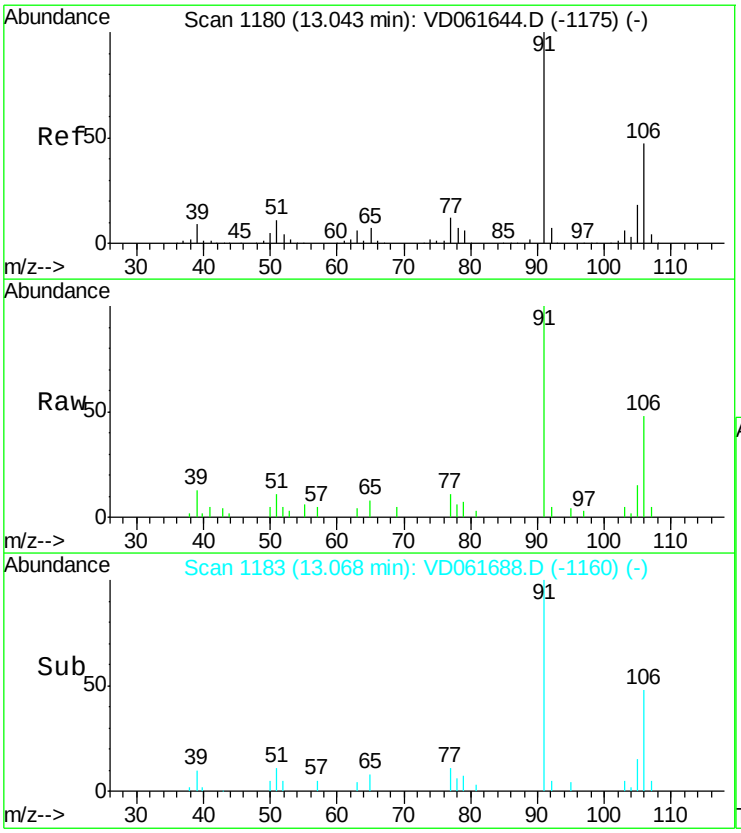
#68
m/p-Xylenes
Concen: 2.607 ug/l
RT: 12.68 min Scan# 1144
Delta R.T. 0.02 min
Lab File: VD061688.D
Acq: 9 Apr 2019 21:25

Instrument :
MSVOA_D
ClientSampleId :
20190173-COMP-CS-5

Tgt Ion:106 Resp: 14274

Ion	Ratio	Lower	Upper
106	100		
91	206.3	156.7	235.1

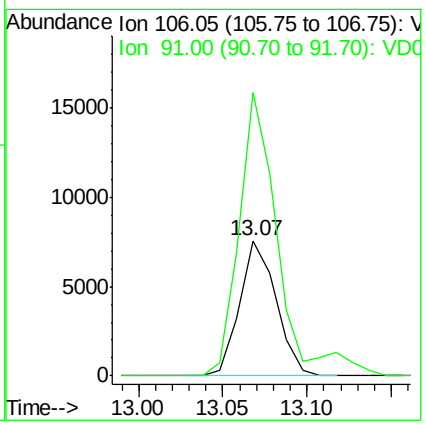


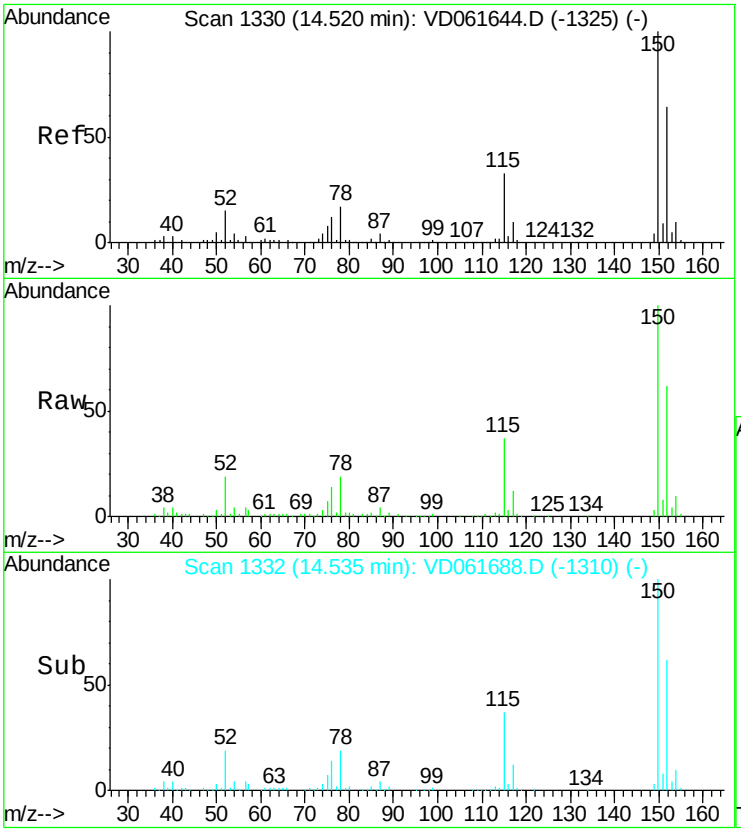


#69
o-Xylene
Concen: 2.145 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. 0.03 min
Lab File: VD061688.D
Acq: 9 Apr 2019 21:25

Tgt Ion:106 Resp: 11339

Ion	Ratio	Lower	Upper
106	100		
91	209.4	107.3	321.9



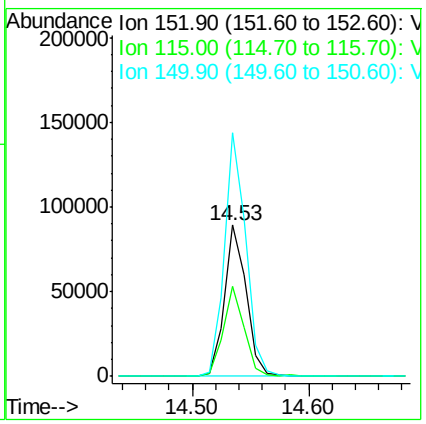


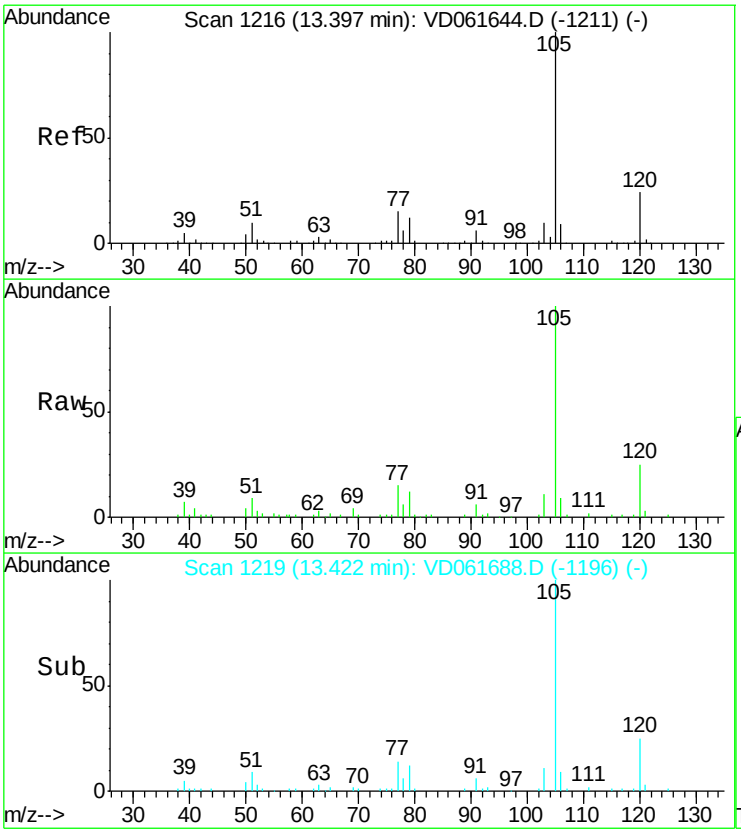
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. 0.02 min
Lab File: VD061688.D
Acq: 9 Apr 2019 21:25

Instrument :
MSVOA_D
ClientSampleId :
20190173-COMP-CS-5

Tgt Ion:152 Resp: 114800

Ion	Ratio	Lower	Upper
152	100		
115	59.2	26.4	79.2
150	161.2	0.0	320.6

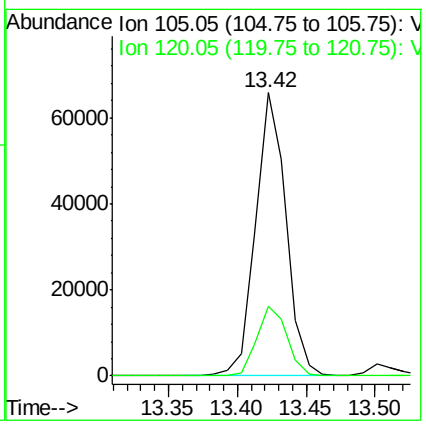


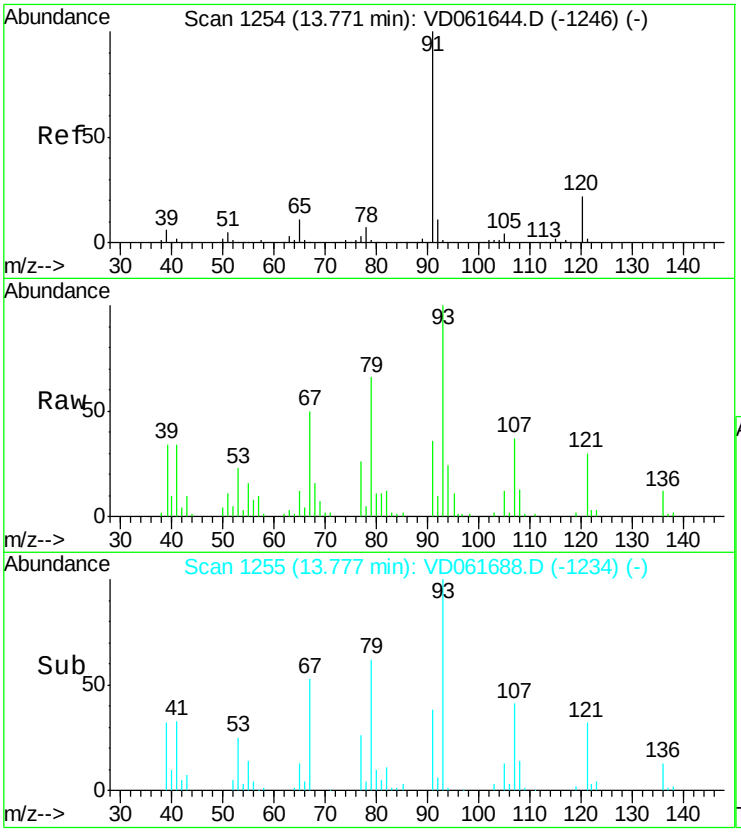


#73
Isopropylbenzene
Concen: 13.244 ug/l
RT: 13.42 min Scan# 1219
Delta R.T. 0.03 min
Lab File: VD061688.D
Acq: 9 Apr 2019 21:25

Tgt Ion:105 Resp: 101303

Ion	Ratio	Lower	Upper
105	100		
120	24.5	12.2	36.4



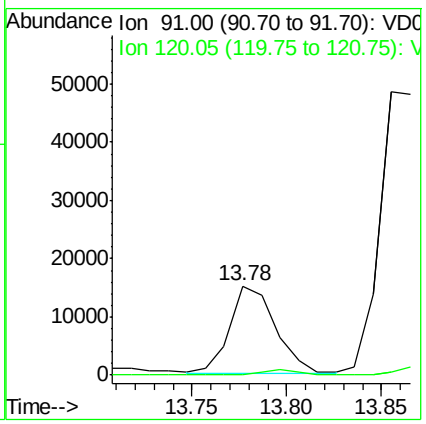


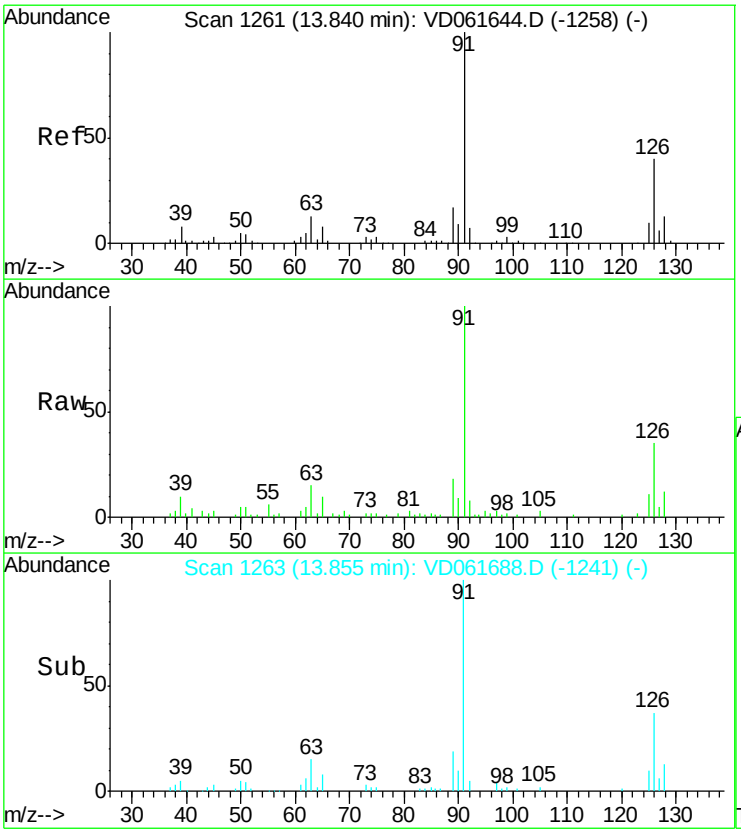
#78
n-propylbenzene
Concen: 2.769 ug/l
RT: 13.78 min Scan# 1255
Delta R.T. 0.01 min
Lab File: VD061688.D
Acq: 9 Apr 2019 21:25

Instrument :
MSVOA_D
ClientSampleId :
20190173-COMP-CS-5

Tgt Ion: 91 Resp: 25332

Ion	Ratio	Lower	Upper
91	100		
120	0.0	10.8	32.4#

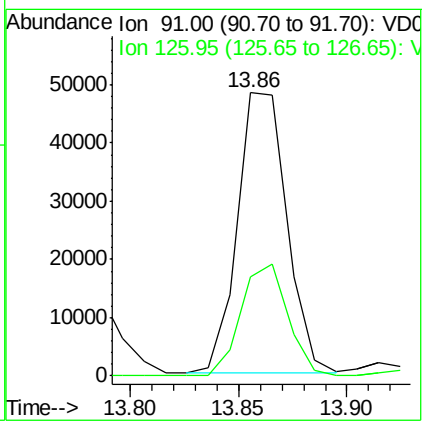


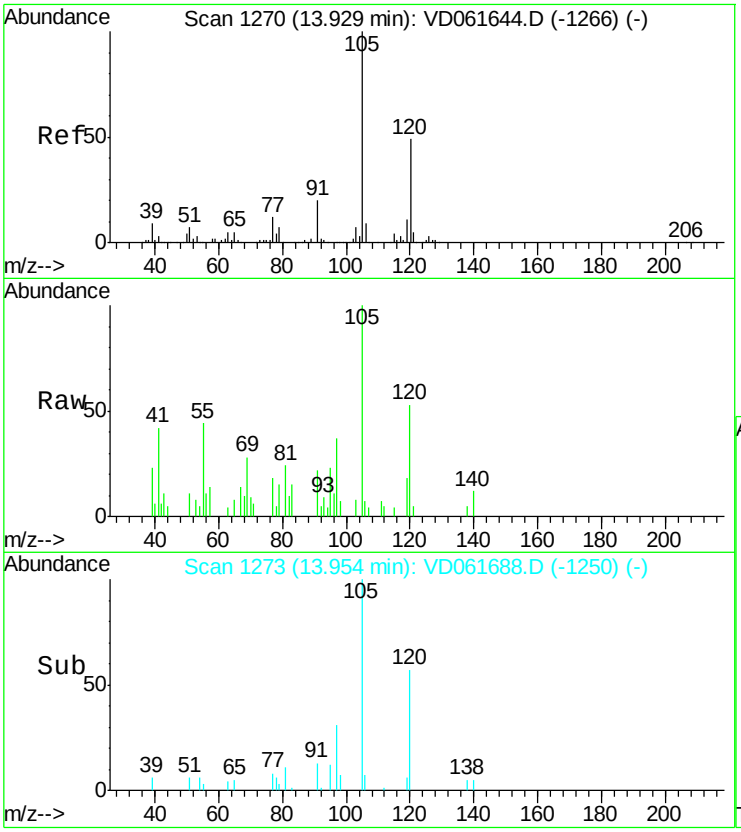


#79
2-Chlorotoluene
Concen: 14.572 ug/l
RT: 13.86 min Scan# 1263
Delta R.T. 0.02 min
Lab File: VD061688.D
Acq: 9 Apr 2019 21:25

Tgt Ion: 91 Resp: 76247

Ion	Ratio	Lower	Upper
91	100		
126	35.0	20.0	59.9



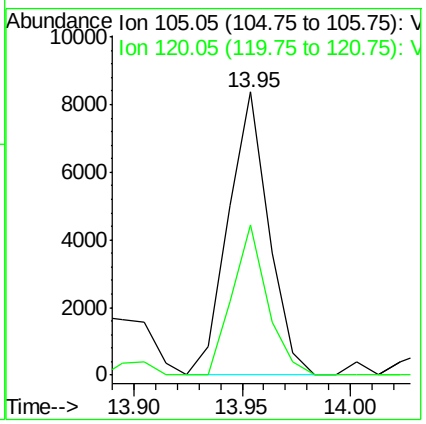


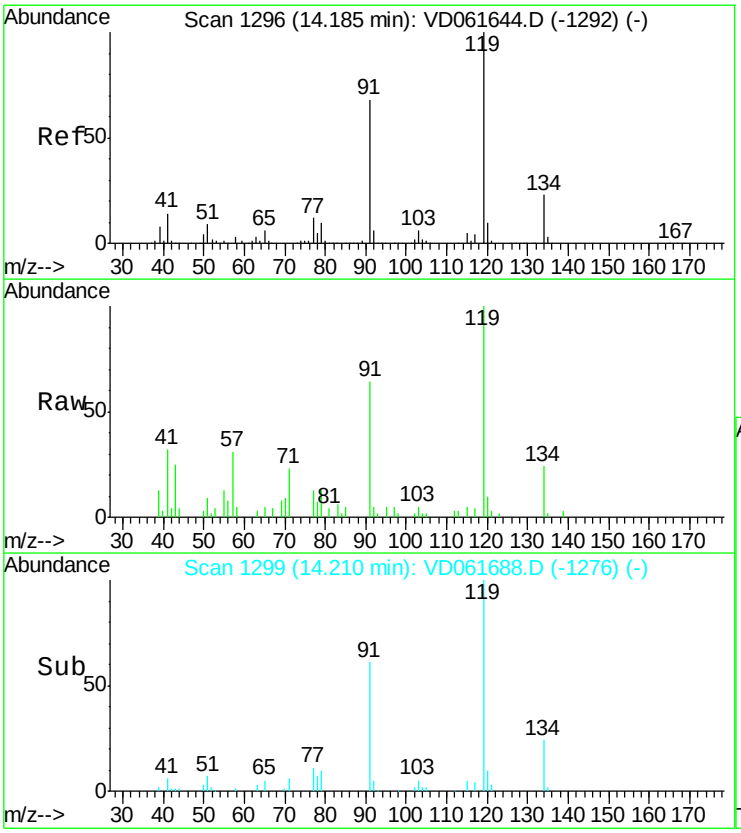
#80
1,3,5-Trimethylbenzene
Concen: 1.797 ug/l
RT: 13.95 min Scan# 1273
Delta R.T. 0.03 min
Lab File: VD061688.D
Acq: 9 Apr 2019 21:25

Instrument :
MSVOA_D
ClientSampleId :
20190173-COMP-CS-5

Tgt Ion:105 Resp: 10910

Ion	Ratio	Lower	Upper
105	100		
120	53.3	24.4	73.2

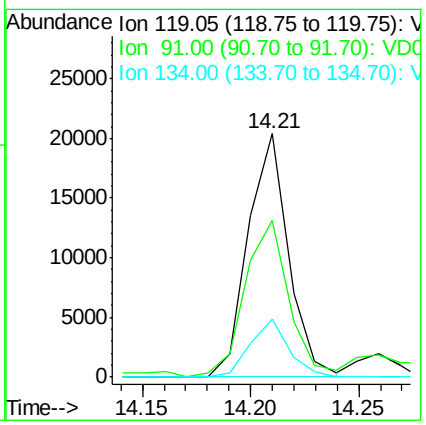


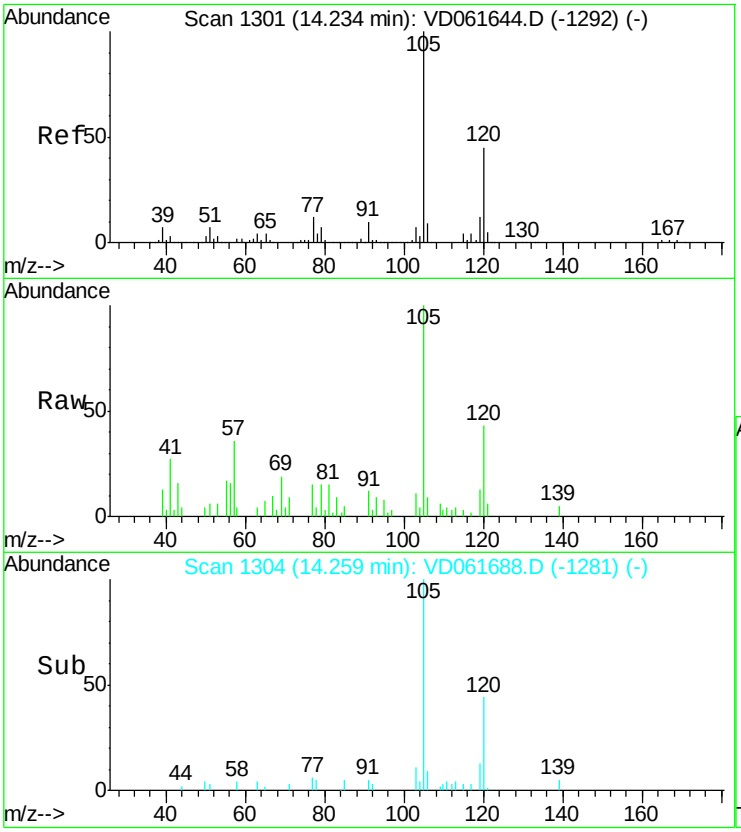


#83
tert-Butylbenzene
Concen: 3.600 ug/l
RT: 14.21 min Scan# 1299
Delta R.T. 0.03 min
Lab File: VD061688.D
Acq: 9 Apr 2019 21:25

Tgt Ion:119 Resp: 26351

Ion	Ratio	Lower	Upper
119	100		
91	64.1	33.9	101.6
134	23.6	11.6	34.8



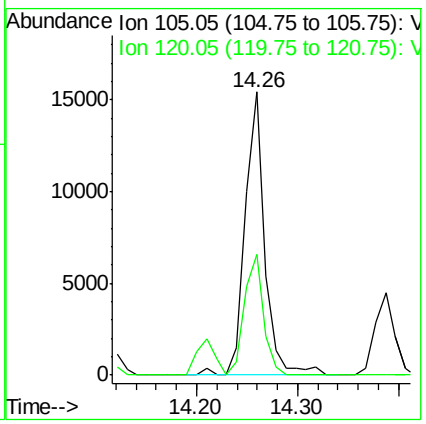


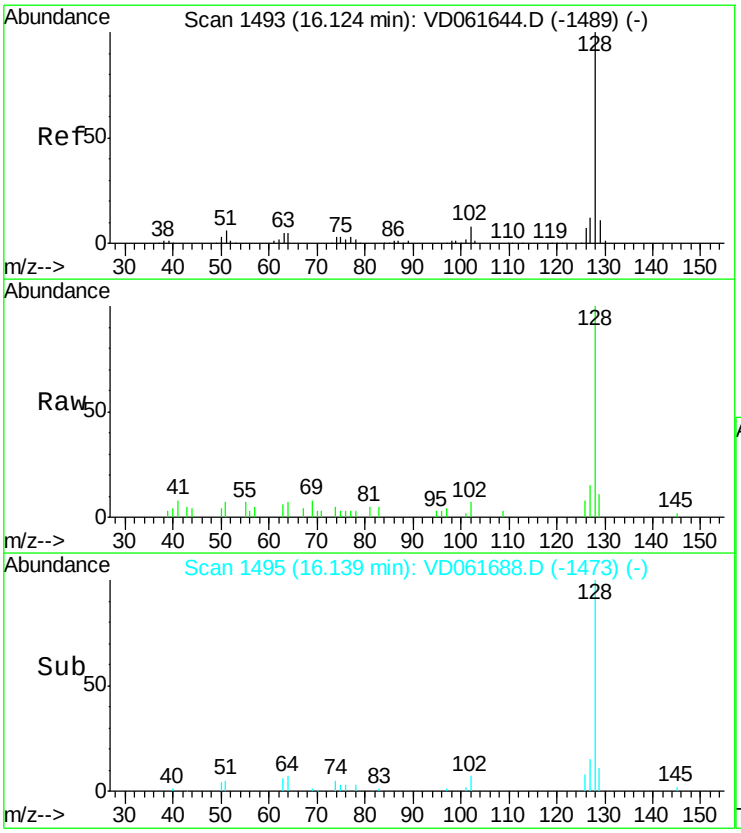
#84
1,2,4-Trimethylbenzene
Concen: 3.427 ug/l
RT: 14.26 min Scan# 1304
Delta R.T. 0.03 min
Lab File: VD061688.D
Acq: 9 Apr 2019 21:25

Instrument :
MSVOA_D
ClientSampleId :
20190173-COMP-CS-5

Tgt Ion:105 Resp: 20999

Ion	Ratio	Lower	Upper
105	100		
120	42.6	22.6	67.8





#95
Naphthalene
Concen: 6.738 ug/l
RT: 16.14 min Scan# 1495
Delta R.T. 0.02 min
Lab File: VD061688.D
Acq: 9 Apr 2019 21:25

Tgt Ion:128 Resp: 17107

Ion	Ratio	Lower	Upper
128	100		
127	15.0	9.4	14.2#
129	11.4	8.8	13.2