Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041019\
Data File : VD061719.D
Acq On : 10 Apr 2019 18:05
Operator : VA/AP
Sample : K2316-07RE
Misc : 5.05g/5ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Apr 11 01:08:05 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	7.06	168	451380	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	760041	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	533743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	163167	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	189434	55.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.74%			
35) Dibromofluoromethane	6.94	113	45790	8.70	ug/l	0.02
Spiked Amount 50.000			Recovery = 17.40%			
50) Toluene-d8	10.41	98	677782	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.48%			
62) 4-Bromofluorobenzene	13.56	95	203089	42.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.56%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.07	59	253	1.103	ug/l #	72
16) Acetone	3.23	43	64907	63.461	ug/l	97
17) Carbon Disulfide	3.39	76	130486	8.534	ug/l	100
20) Methylene Chloride	3.83	84	61890	10.664	ug/l	94
25) 2-Butanone	6.07	43	13893	11.783	ug/l #	89
36) 1,1-Dichloropropene	7.06	75	31702	4.766	ug/l #	45
37) Ethyl Acetate	6.07	43	13893	5.128	ug/l #	68
38) Carbon Tetrachloride	7.06	117	42528	5.455	ug/l #	15
73) Isopropylbenzene	13.41	105	36887	3.393	ug/l	94
74) N-amyl acetate	13.23	43	4642	1.571	ug/l #	49
79) 2-Chlorotoluene	13.84	91	23140	3.111	ug/l	92
81) trans-1,4-Dichloro-2-buten	13.56	75	75043	111.400	ug/l #	20
82) 4-Chlorotoluene	13.84	91	23140	2.839	ug/l	95
83) tert-Butylbenzene	14.19	119	12800	1.230	ug/l	96
95) Naphthalene	16.12	128	5543	1.536	ug/l	99

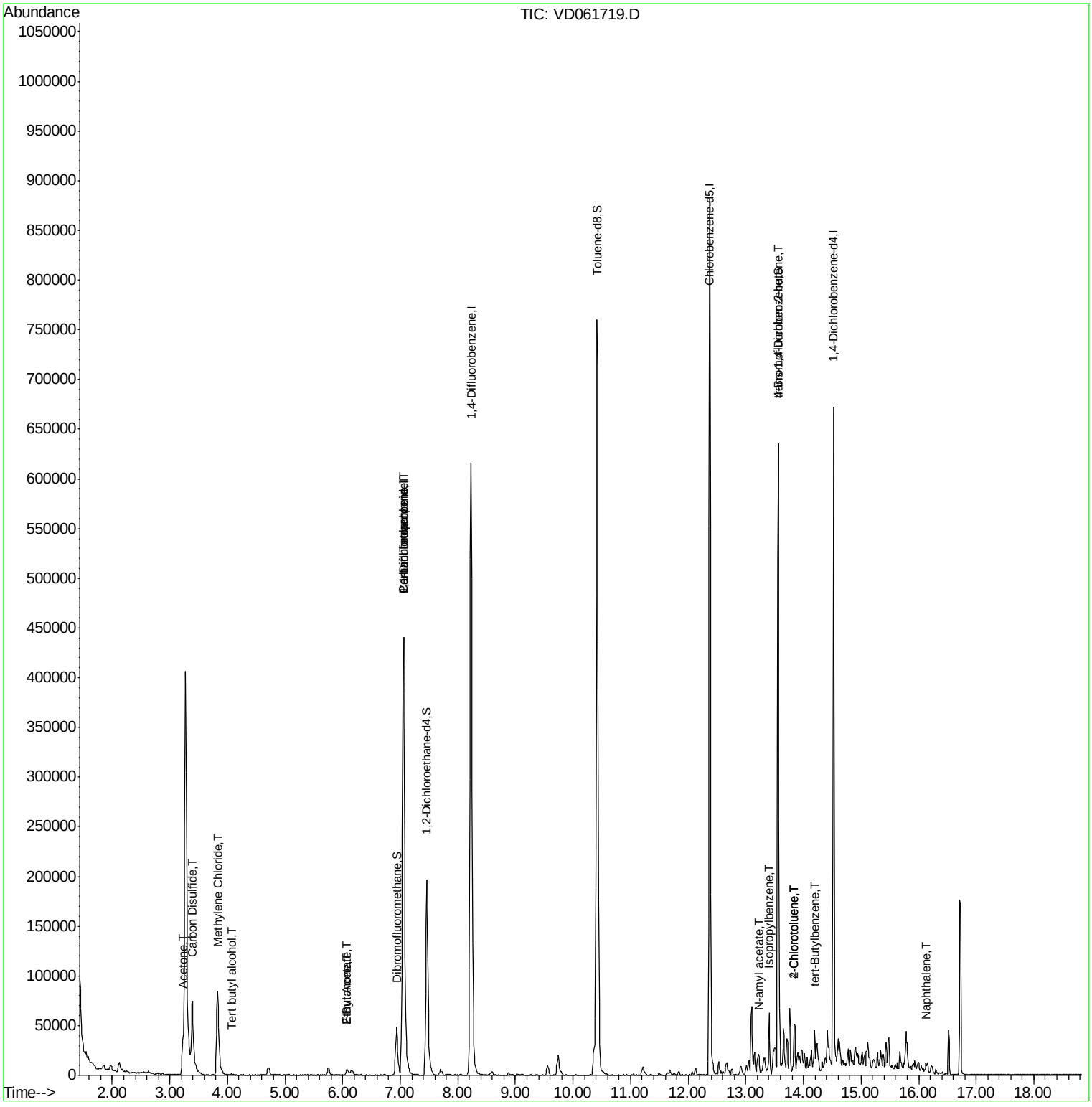
(#) = qualifier out of range (m) = manual integration (+) = signals summed

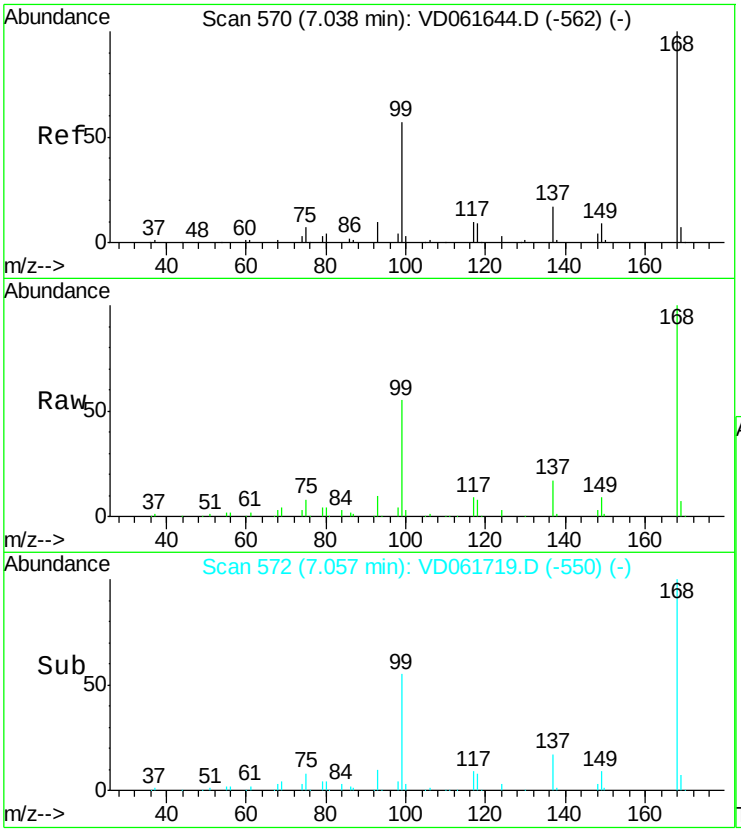
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041019\
Data File : VD061719.D
Acq On : 10 Apr 2019 18:05
Operator : VA/AP
Sample : K2316-07RE
Misc : 5.05g/5ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 11 01:08:05 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



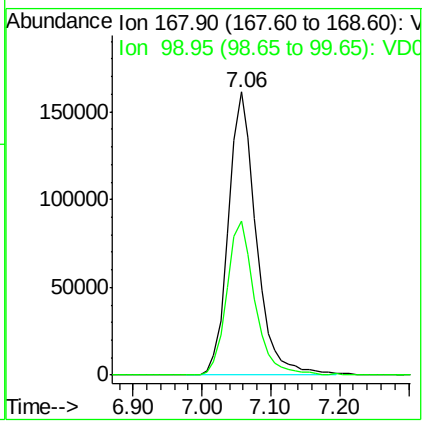


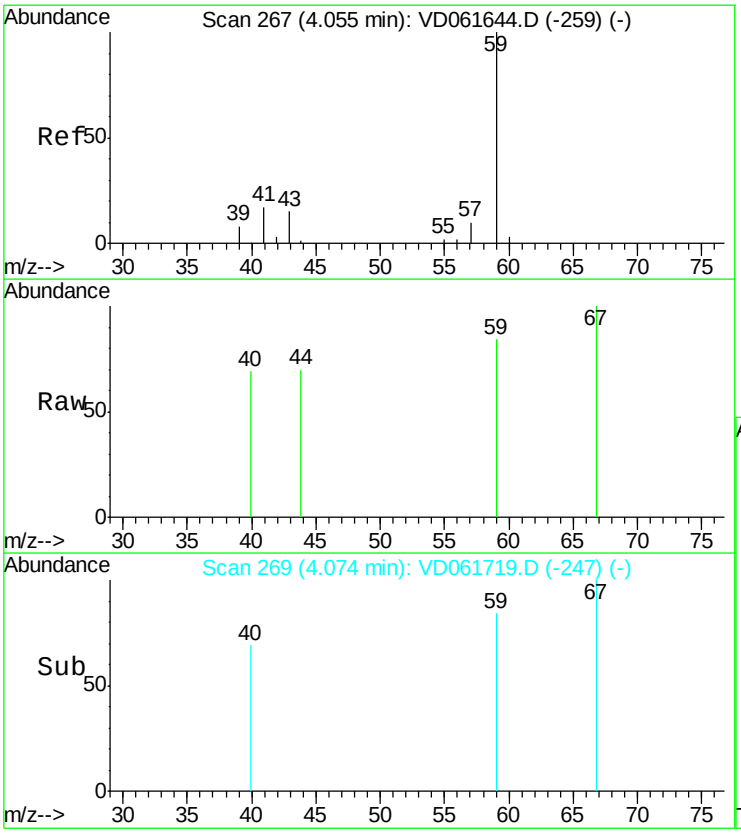
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.02 min
Lab File: VD061719.D
Acq: 10 Apr 2019 18:05

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 451380

Ion	Ratio	Lower	Upper
168	100		
99	54.6	46.8	70.2

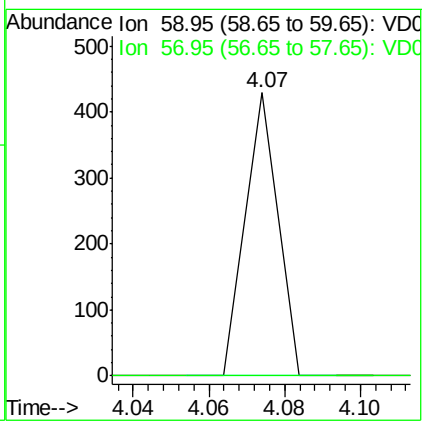


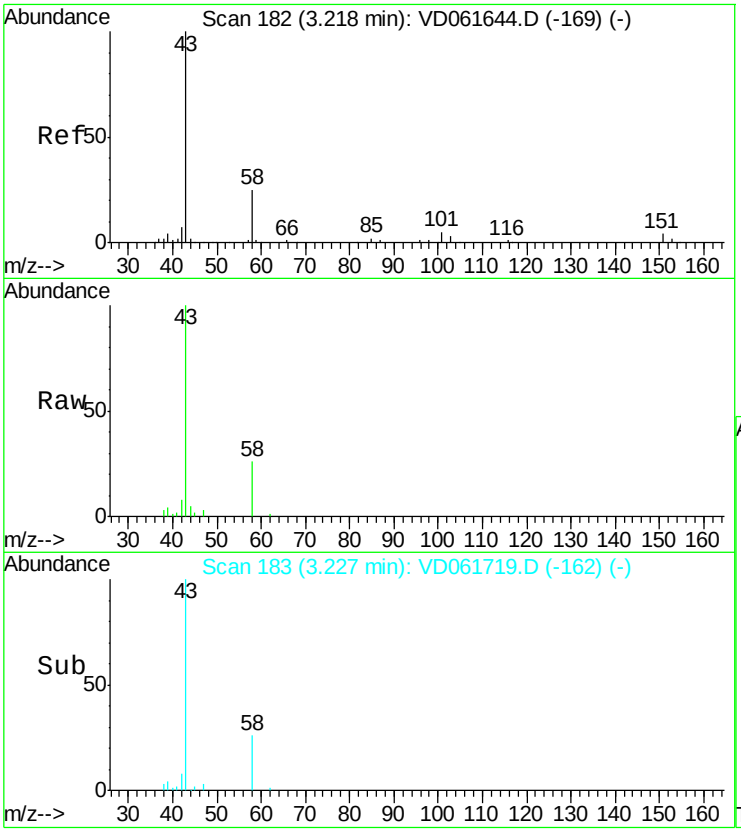


#11
Tert butyl alcohol
Concen: 1.103 ug/l
RT: 4.07 min Scan# 269
Delta R.T. 0.02 min
Lab File: VD061719.D
Acq: 10 Apr 2019 18:05

Tgt Ion: 59 Resp: 253

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#



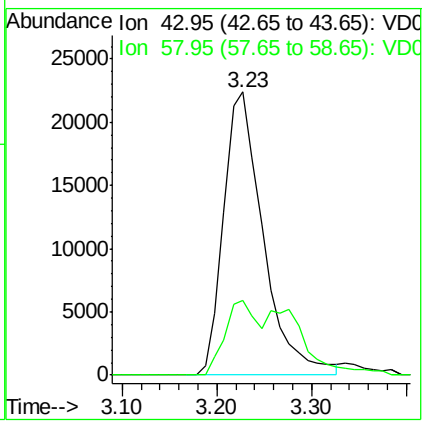


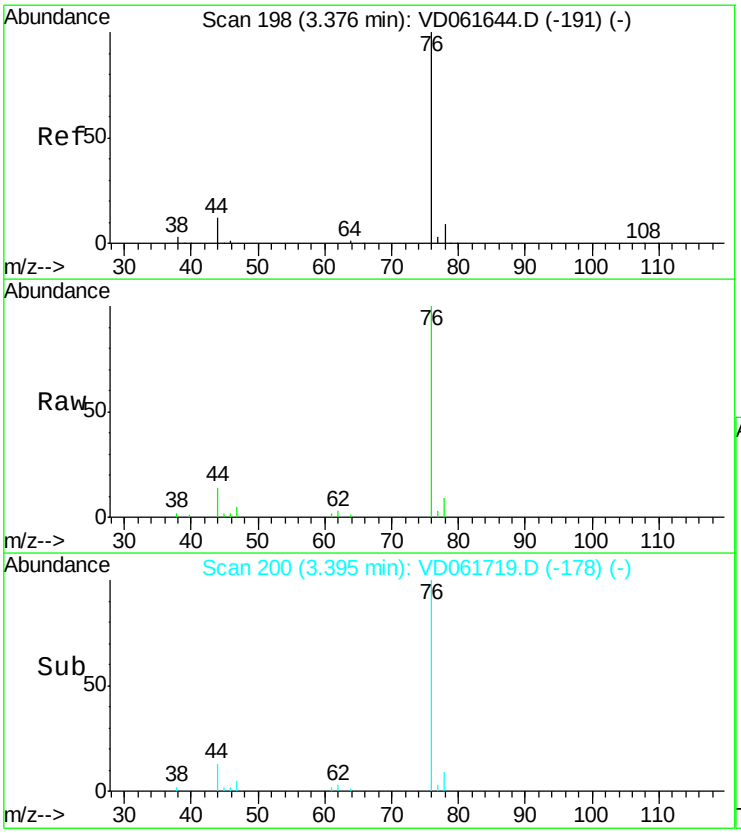
#16
Acetone
Concen: 63.461 ug/l
RT: 3.23 min Scan# 183
Delta R.T. 0.01 min
Lab File: VD061719.D
Acq: 10 Apr 2019 18:05

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 64907

Ion	Ratio	Lower	Upper
43	100		
58	26.3	19.7	29.5

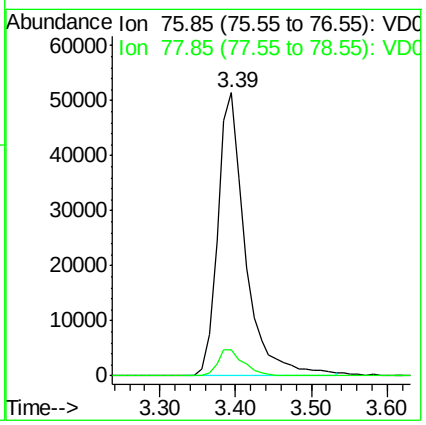


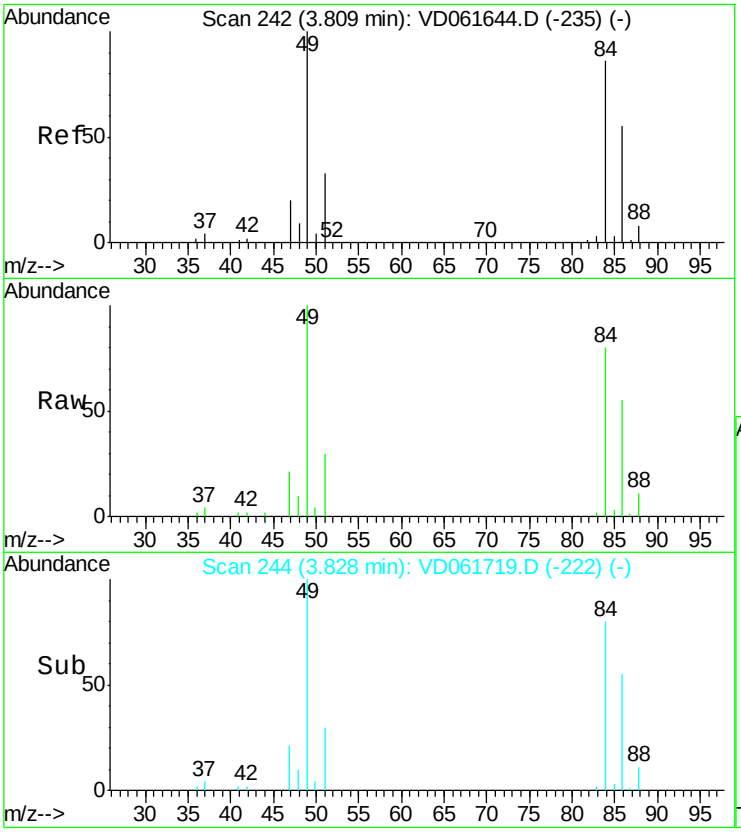


#17
Carbon Disulfide
Concen: 8.534 ug/l
RT: 3.39 min Scan# 200
Delta R.T. 0.02 min
Lab File: VD061719.D
Acq: 10 Apr 2019 18:05

Tgt Ion: 76 Resp: 130486

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.2



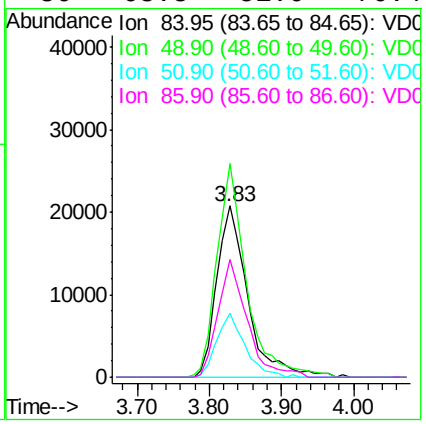


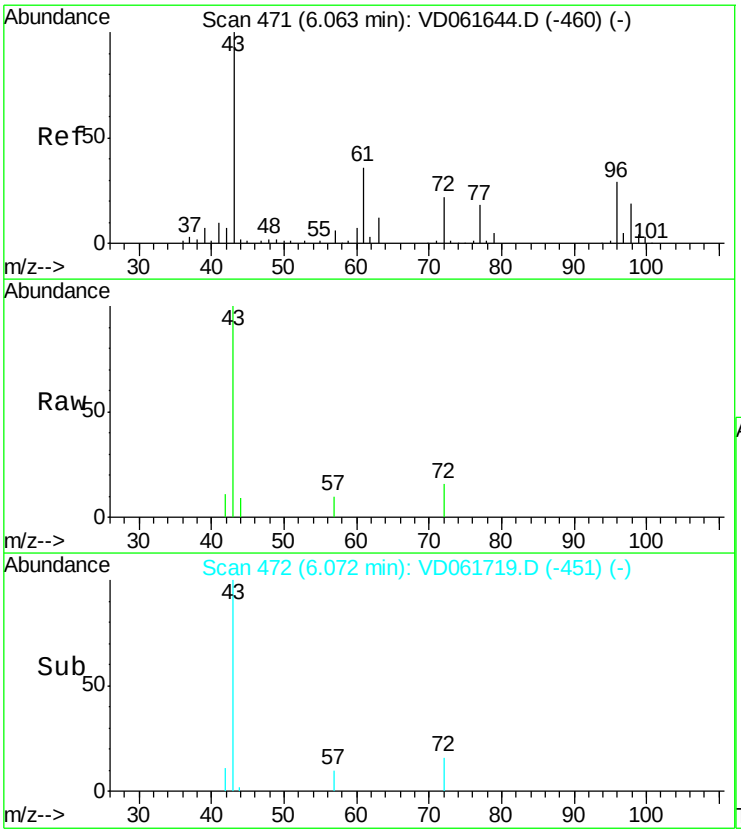
#20
Methylene Chloride
Concen: 10.664 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.02 min
Lab File: VD061719.D
Acq: 10 Apr 2019 18:05

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 61890

Ion	Ratio	Lower	Upper
84	100		
49	124.8	93.0	139.4
51	37.4	30.4	45.6
86	68.8	51.0	76.4

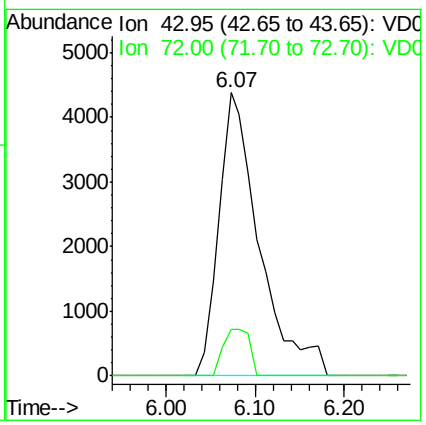


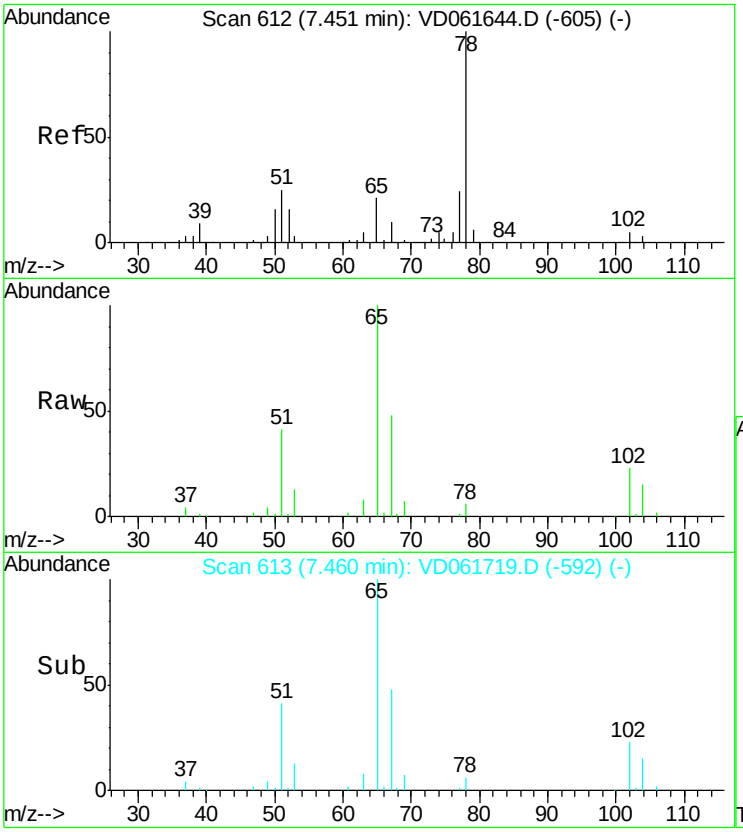


#25
2-Butanone
Concen: 11.783 ug/l
RT: 6.07 min Scan# 472
Delta R.T. 0.01 min
Lab File: VD061719.D
Acq: 10 Apr 2019 18:05

Tgt Ion: 43 Resp: 13893

Ion	Ratio	Lower	Upper
43	100		
72	16.4	17.4	26.2#



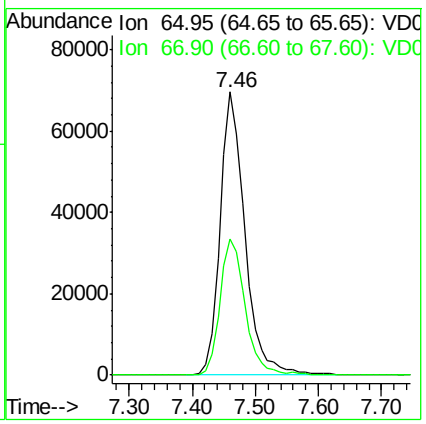


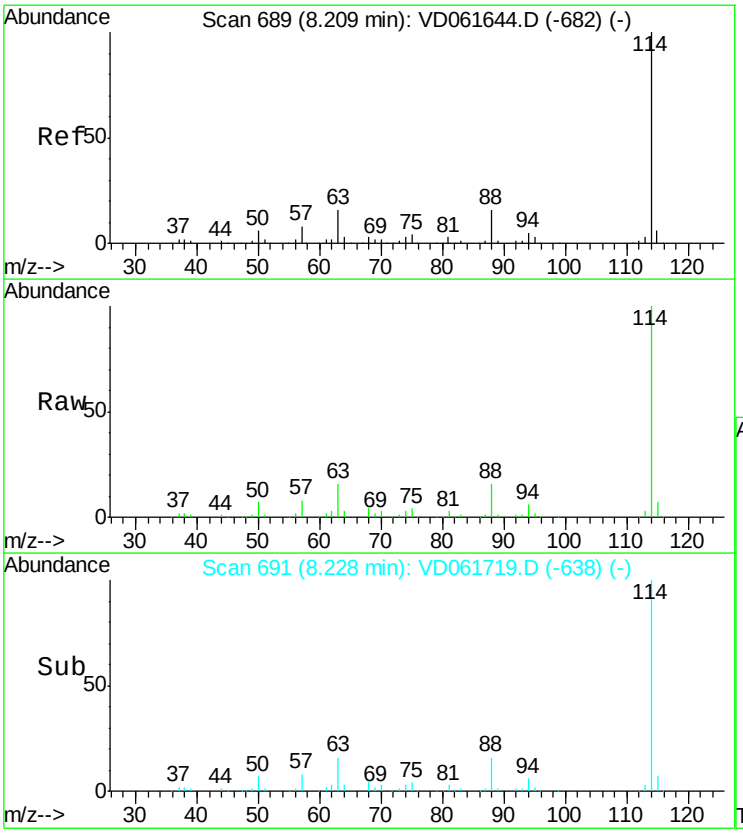
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.01 min
Lab File: VD061719.D
Acq: 10 Apr 2019 18:05

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 189434

Ion	Ratio	Lower	Upper
65	100		
67	48.2	0.0	99.4

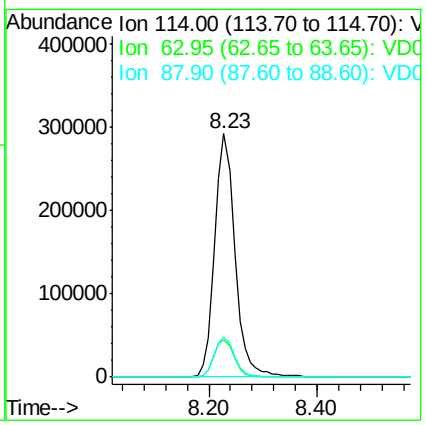


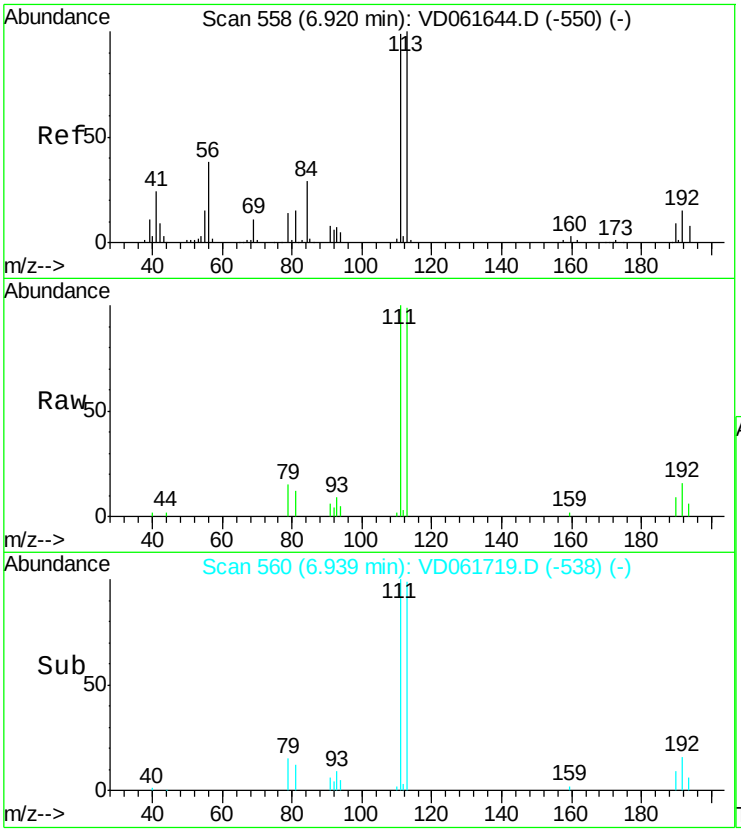


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 691
Delta R.T. 0.02 min
Lab File: VD061719.D
Acq: 10 Apr 2019 18:05

Tgt Ion:114 Resp: 760041

Ion	Ratio	Lower	Upper
114	100		
63	15.5	0.0	31.2
88	16.4	0.0	31.8



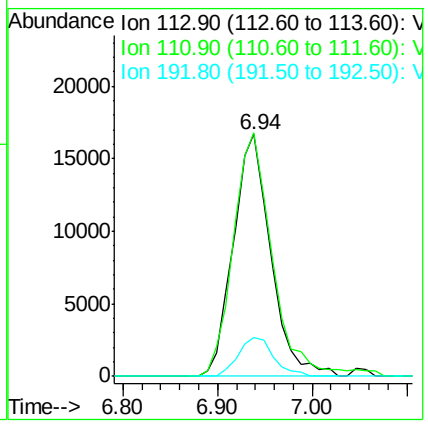


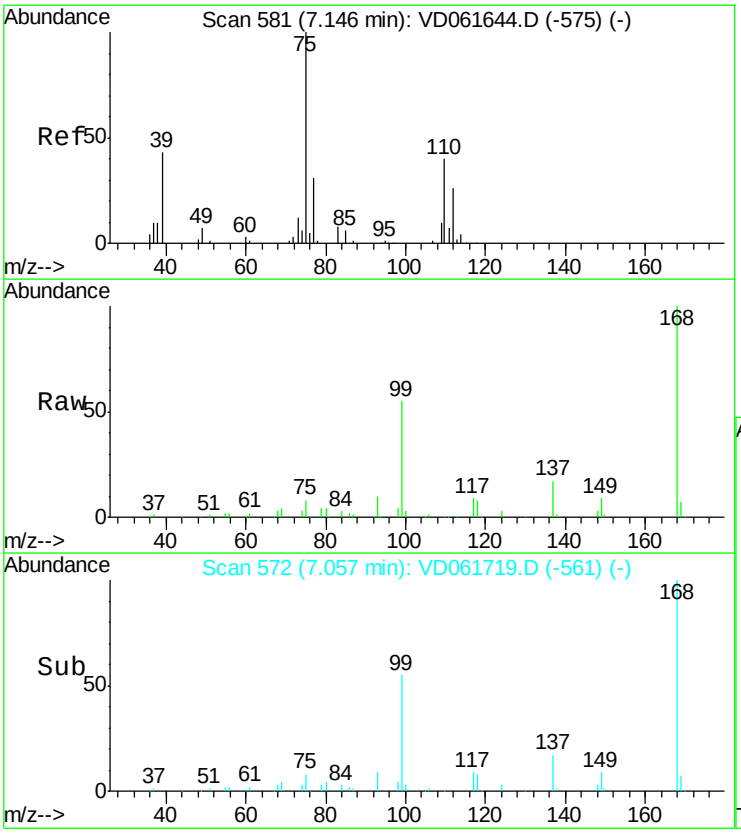
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.94 min Scan# 560
Delta R.T. 0.02 min
Lab File: VD061719.D
Acq: 10 Apr 2019 18:05

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 45790

Ion	Ratio	Lower	Upper
113	100		
111	100.6	79.3	118.9
192	16.2	12.3	18.5

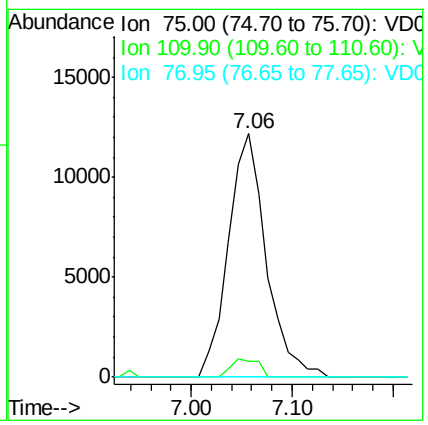


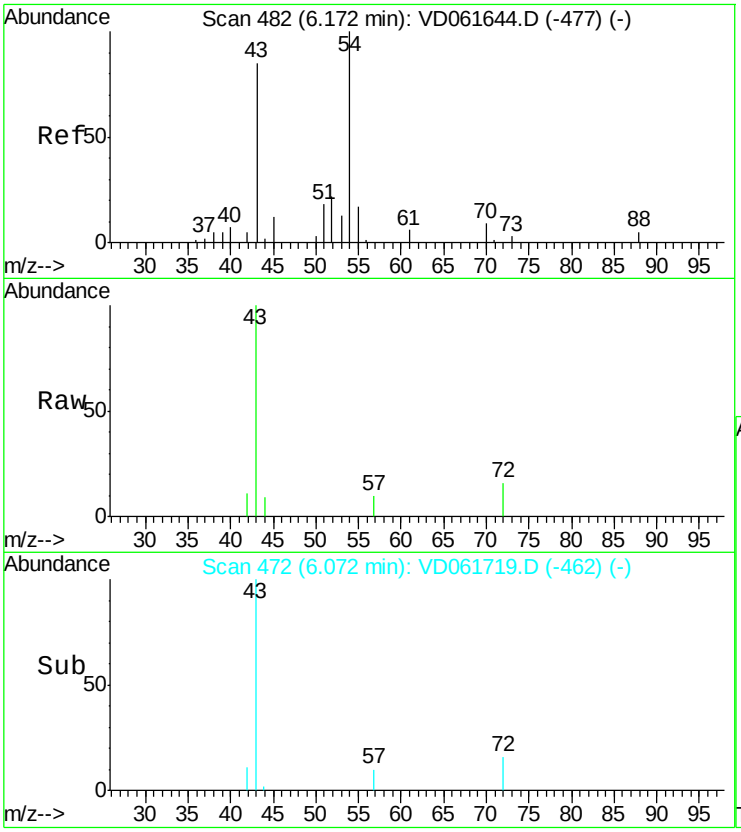


#36
1,1-Dichloropropene
Concen: 4.766 ug/l
RT: 7.06 min Scan# 572
Delta R.T. -0.09 min
Lab File: VD061719.D
Acq: 10 Apr 2019 18:05

Tgt Ion: 75 Resp: 31702

Ion	Ratio	Lower	Upper
75	100		
110	6.6	19.7	59.0#
77	0.0	24.8	37.2#



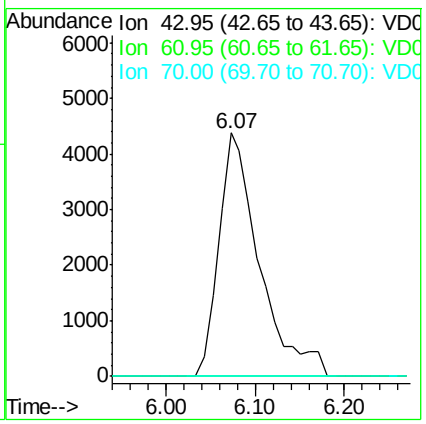


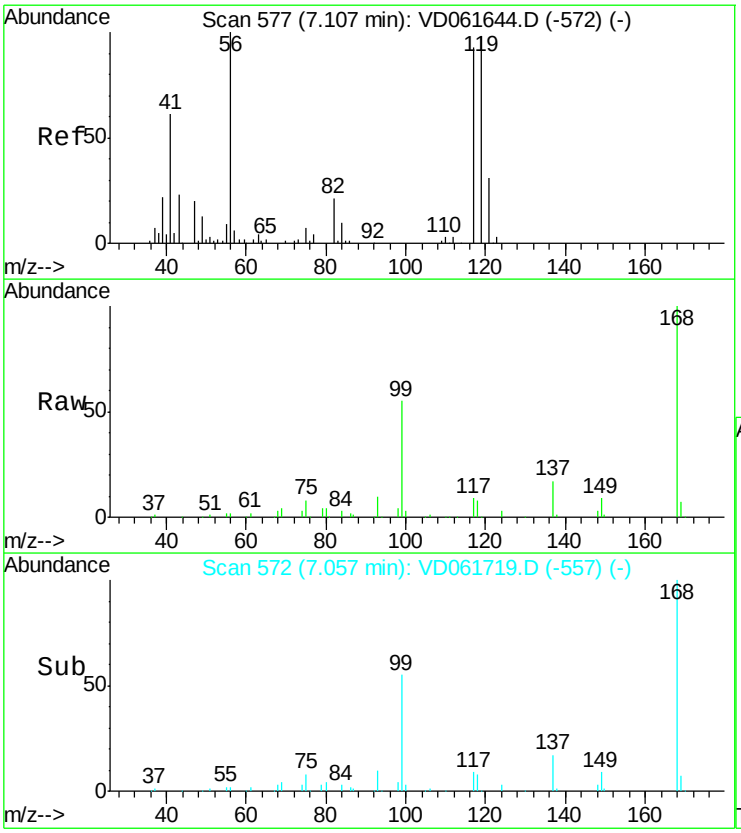
#37
Ethyl Acetate
Concen: 5.128 ug/l
RT: 6.07 min Scan# 472
Delta R.T. -0.10 min
Lab File: VD061719.D
Acq: 10 Apr 2019 18:05

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 13893

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.9	17.9#
70	0.0	6.9	10.3#

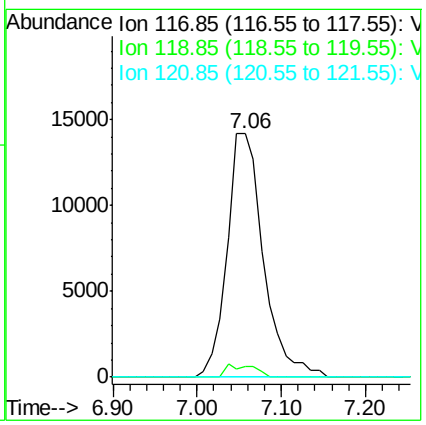


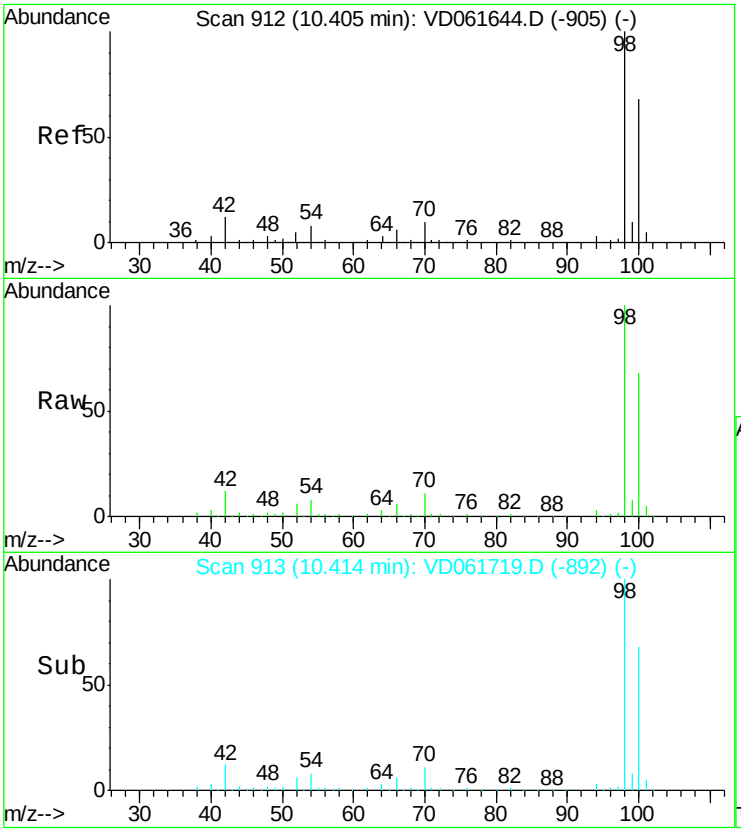


#38
Carbon Tetrachloride
Concen: 5.455 ug/l
RT: 7.06 min Scan# 572
Delta R.T. -0.05 min
Lab File: VD061719.D
Acq: 10 Apr 2019 18:05

Tgt Ion:117 Resp: 42528

Ion	Ratio	Lower	Upper
117	100		
119	4.4	77.9	116.9#
121	0.0	24.7	37.1#



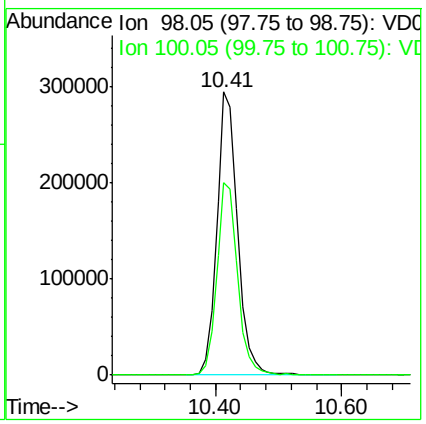


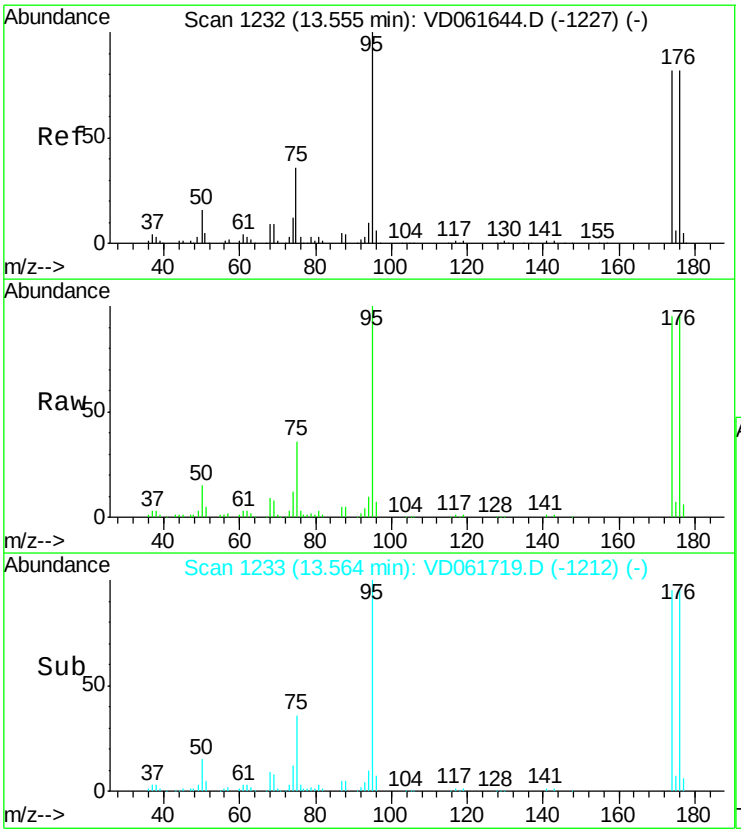
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD061719.D
Acq: 10 Apr 2019 18:05

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 98 Resp: 677782

Ion	Ratio	Lower	Upper
98	100		
100	68.2	55.4	83.0

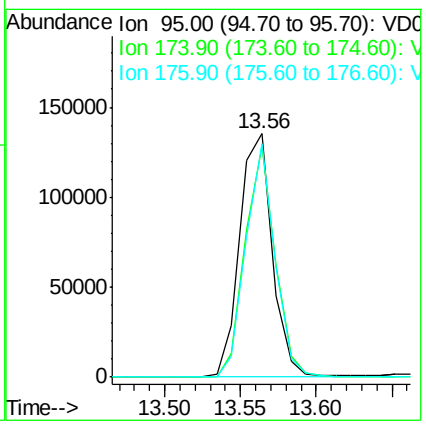


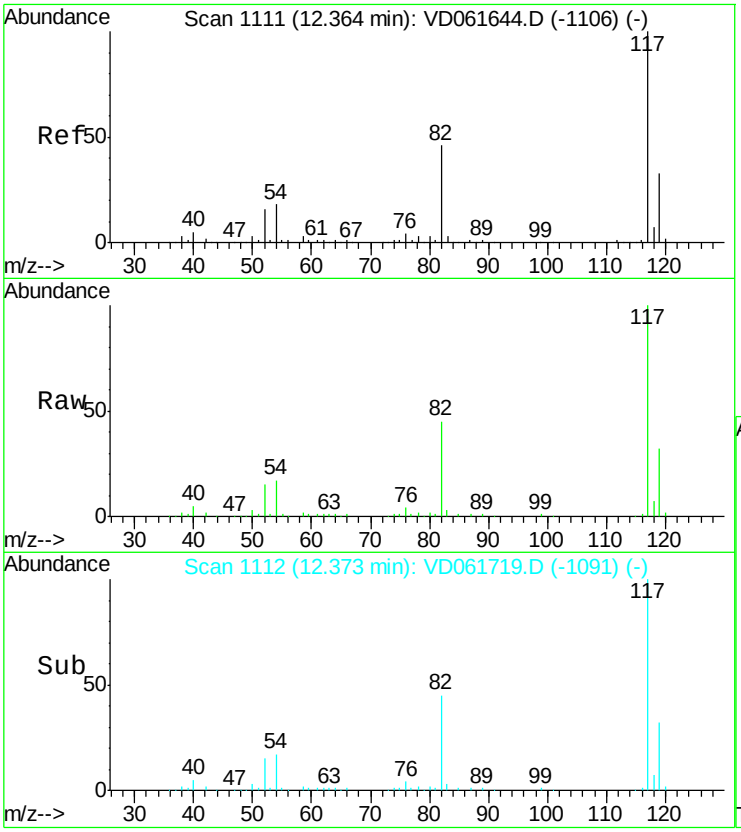


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061719.D
Acq: 10 Apr 2019 18:05

Tgt Ion: 95 Resp: 203089

Ion	Ratio	Lower	Upper
95	100		
174	94.9	0.0	164.6
176	96.0	0.0	165.0



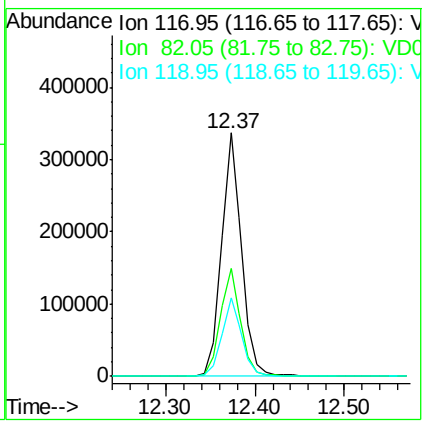


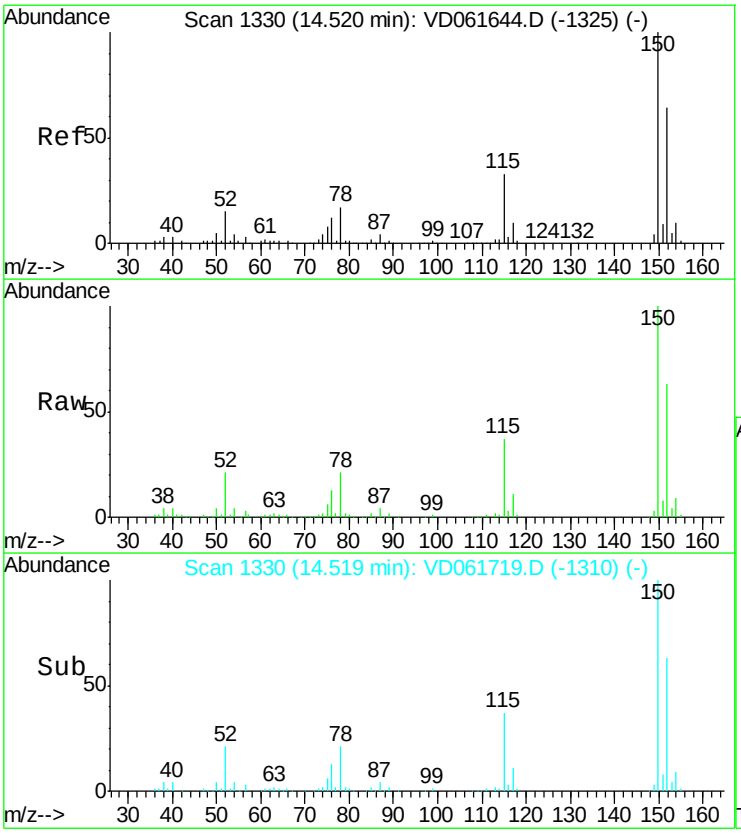
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061719.D
Acq: 10 Apr 2019 18:05

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 533743

Ion	Ratio	Lower	Upper
117	100		
82	44.5	36.8	55.2
119	32.2	26.1	39.1

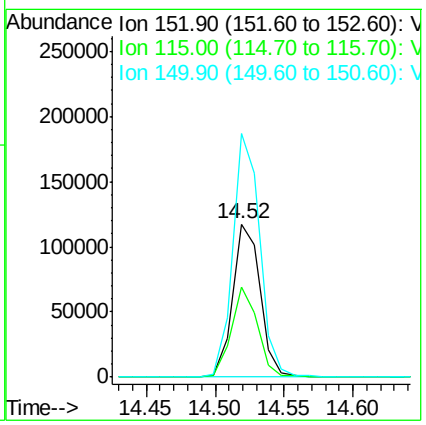


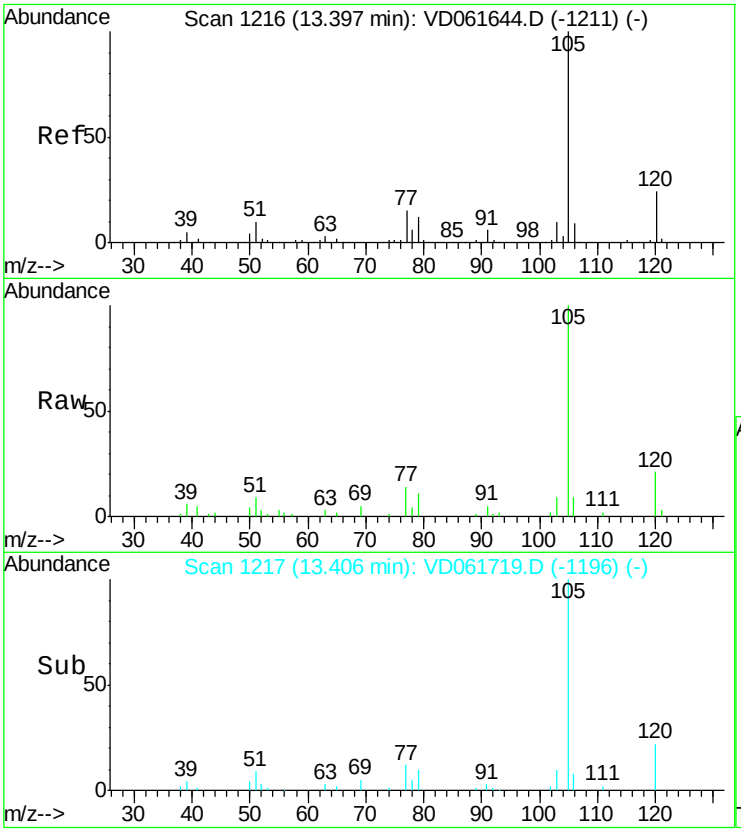


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061719.D
Acq: 10 Apr 2019 18:05

Tgt Ion:152 Resp: 163167

Ion	Ratio	Lower	Upper
152	100		
115	58.6	26.4	79.2
150	158.8	0.0	320.6



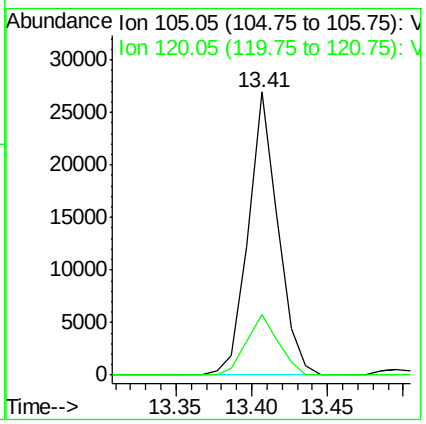


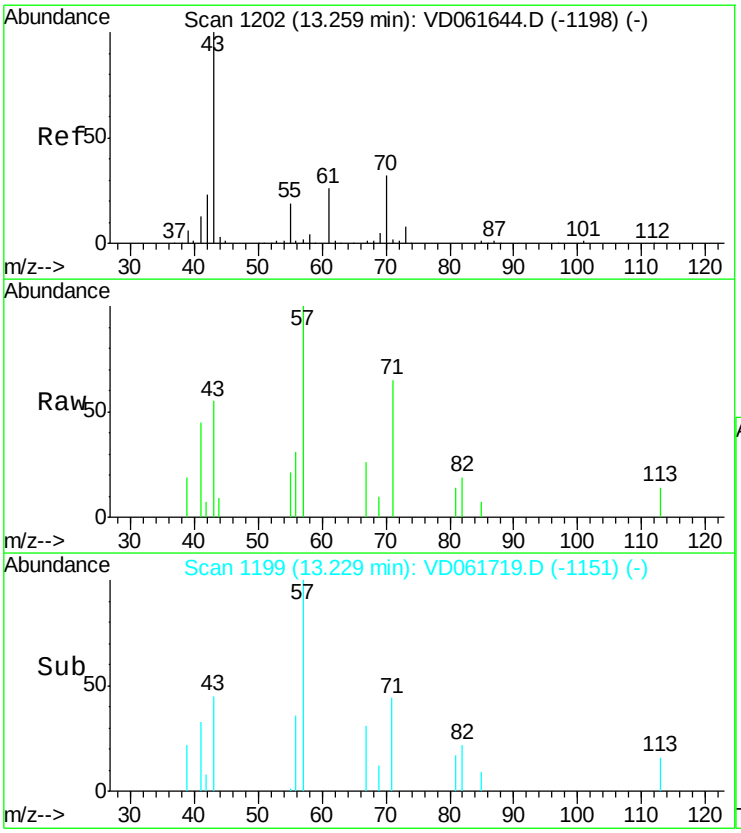
#73
Isopropylbenzene
Concen: 3.393 ug/l
RT: 13.41 min Scan# 1217
Delta R.T. 0.01 min
Lab File: VD061719.D
Acq: 10 Apr 2019 18:05

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 36887

Ion	Ratio	Lower	Upper
105	100		
120	21.3	12.2	36.4

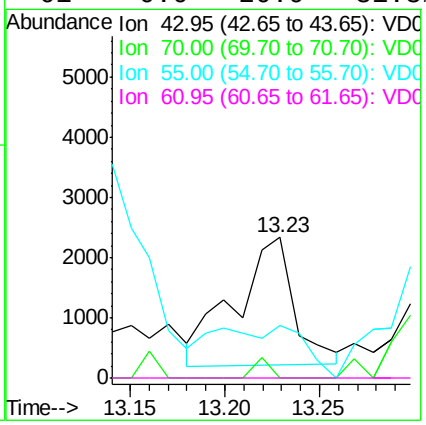


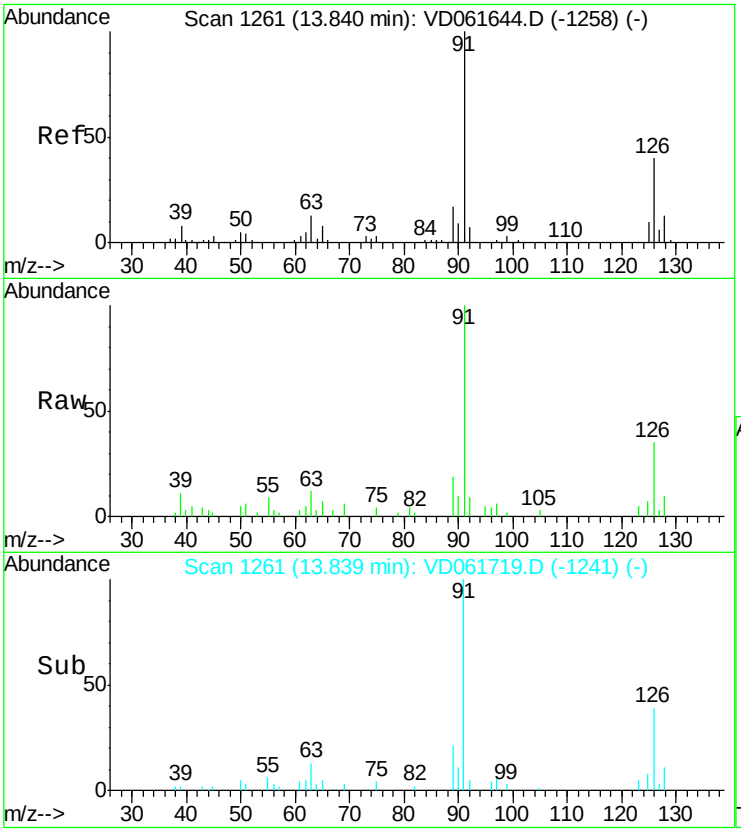


#74
N-amyl acetate
Concen: 1.571 ug/l
RT: 13.23 min Scan# 1199
Delta R.T. -0.03 min
Lab File: VD061719.D
Acq: 10 Apr 2019 18:05

Tgt Ion: 43 Resp: 4642

Ion	Ratio	Lower	Upper
43	100		
70	0.0	25.4	38.2#
55	37.2	15.0	22.4#
61	0.0	20.9	31.3#



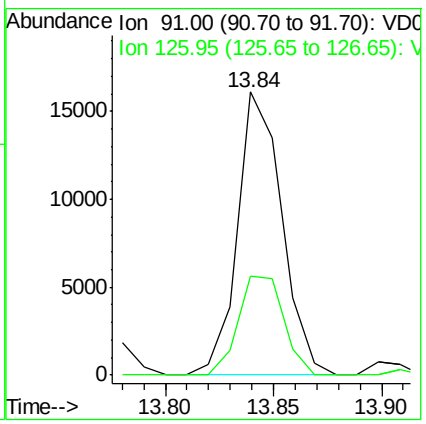


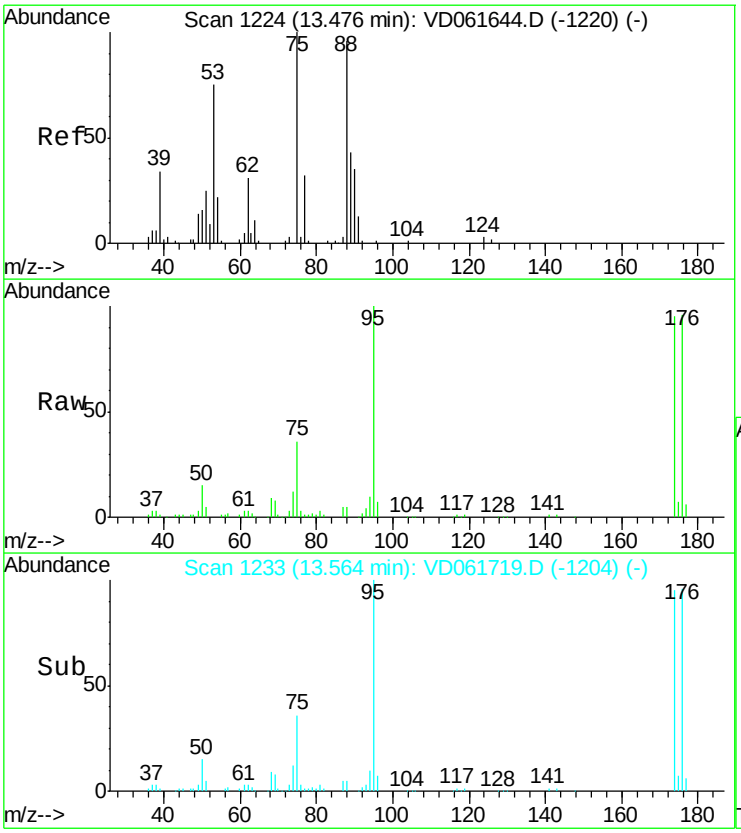
#79
2-Chlorotoluene
Concen: 3.111 ug/l
RT: 13.84 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VD061719.D
Acq: 10 Apr 2019 18:05

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 23140

Ion	Ratio	Lower	Upper
91	100		
126	34.8	20.0	59.9

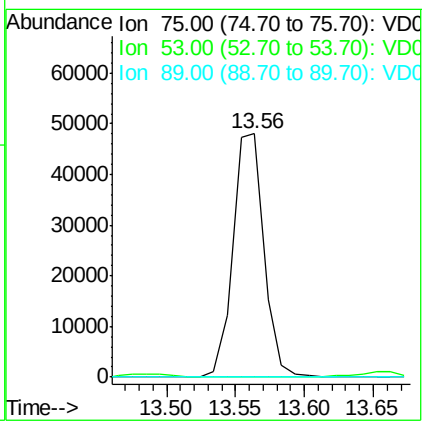


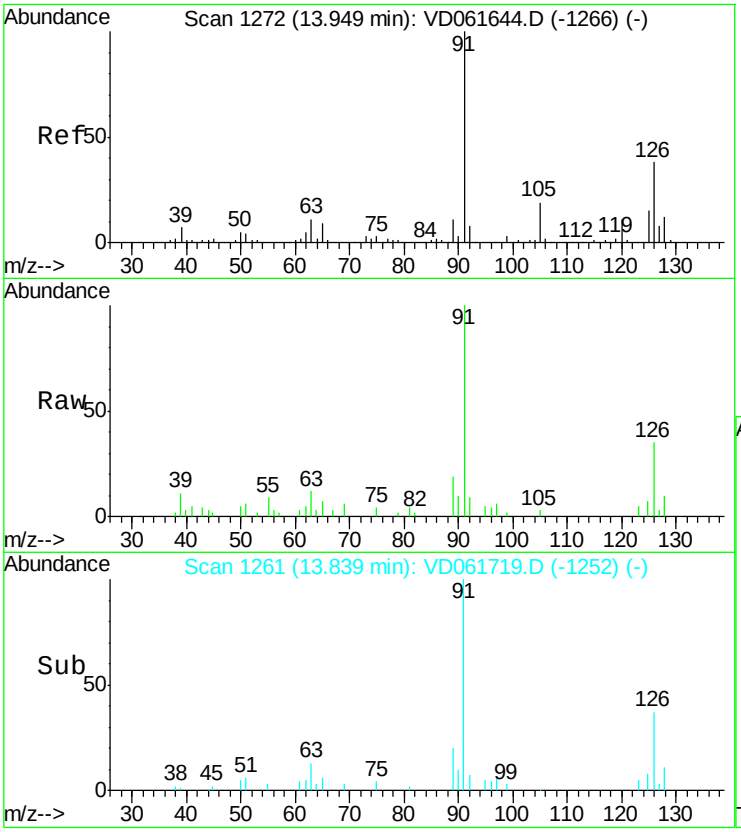


#81
trans-1,4-Dichloro-2-butene
Concen: 111.400 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.09 min
Lab File: VD061719.D
Acq: 10 Apr 2019 18:05

Tgt Ion: 75 Resp: 75043

Ion	Ratio	Lower	Upper
75	100		
53	0.0	60.2	90.2#
89	0.0	34.2	51.2#



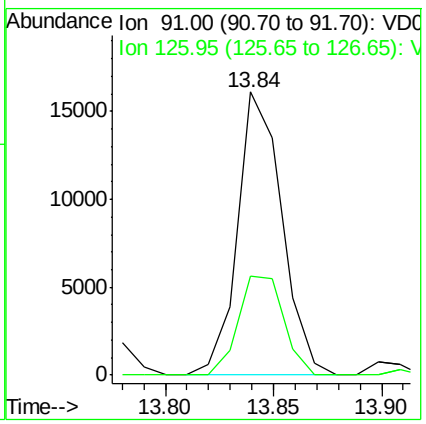


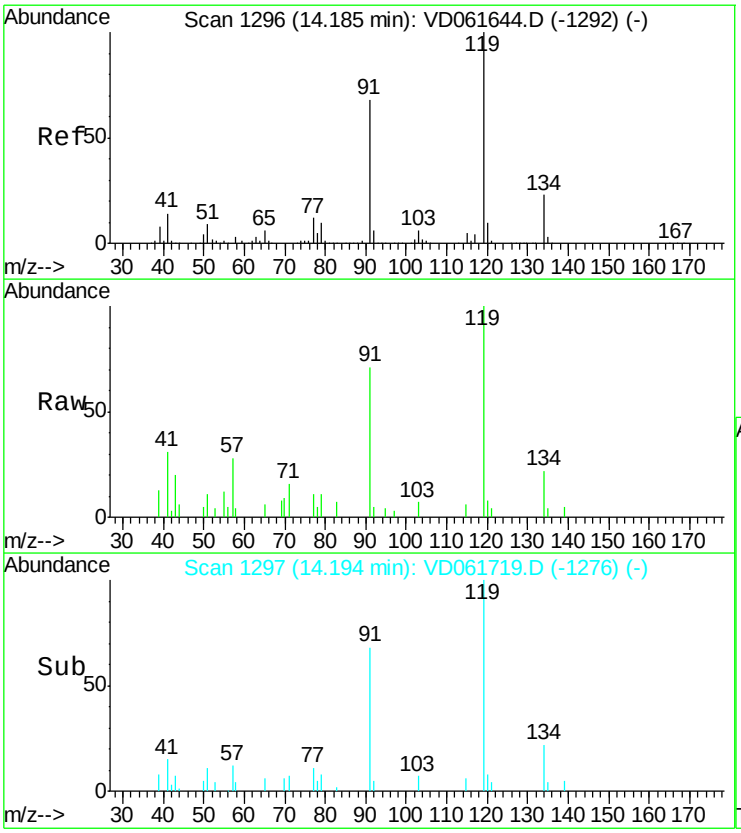
#82
4-Chlorotoluene
Concen: 2.839 ug/l
RT: 13.84 min Scan# 1261
Delta R.T. -0.11 min
Lab File: VD061719.D
Acq: 10 Apr 2019 18:05

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 23140

Ion	Ratio	Lower	Upper
91	100		
126	34.8	19.0	57.0

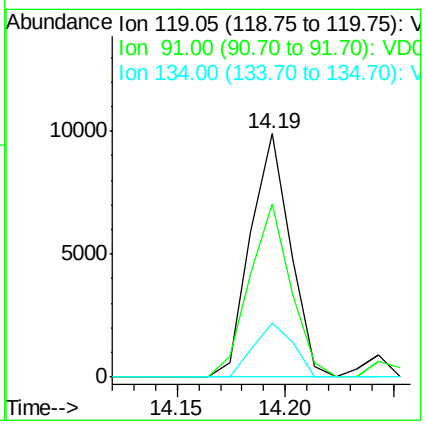


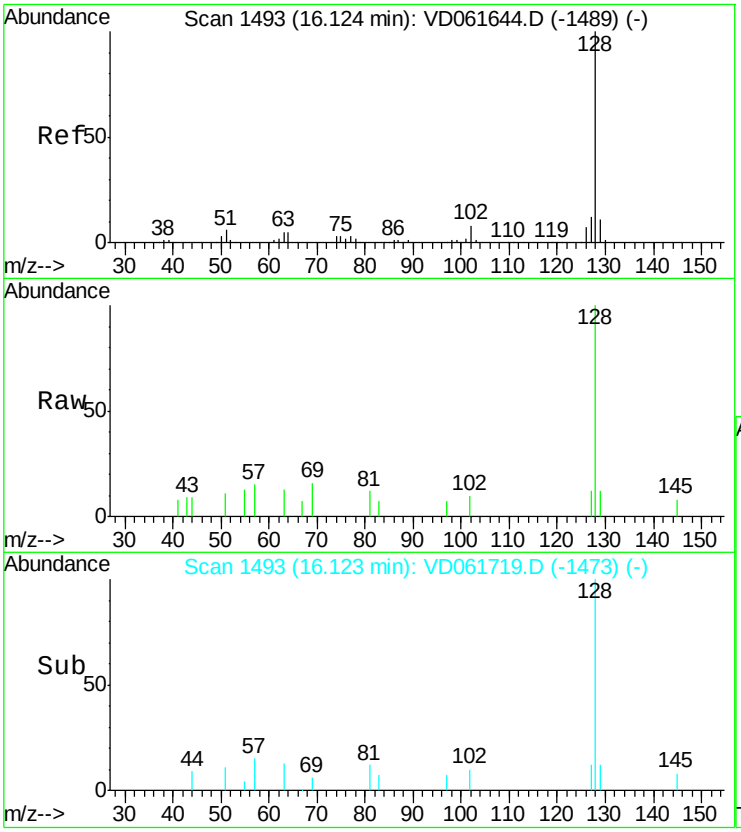


#83
tert-Butylbenzene
Concen: 1.230 ug/l
RT: 14.19 min Scan# 1297
Delta R.T. 0.01 min
Lab File: VD061719.D
Acq: 10 Apr 2019 18:05

Tgt Ion:119 Resp: 12800

Ion	Ratio	Lower	Upper
119	100		
91	71.1	33.9	101.6
134	22.1	11.6	34.8





#95
Naphthalene
Concen: 1.536 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VD061719.D
Acq: 10 Apr 2019 18:05

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 5543

Ion	Ratio	Lower	Upper
128	100		
127	11.6	9.4	14.2
129	11.9	8.8	13.2