Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041119\
Data File : VD061751.D
Acq On : 11 Apr 2019 19:56
Operator : VA/AP
Sample : K2347-03
Misc : 5.07g/5ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Apr 12 01:02:52 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	7.03	168	2804	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.20	114	7063	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.35	117	3699	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	2216	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	4690	220.66	ug/l	-0.01
Spiked Amount 50.000			Recovery = 441.32%			
35) Dibromofluoromethane	6.91	113	4200	85.84	ug/l	-0.01
Spiked Amount 50.000			Recovery = 171.68%			
50) Toluene-d8	10.39	98	2961	24.09	ug/l	-0.01
Spiked Amount 50.000			Recovery = 48.18%			
62) 4-Bromofluorobenzene	13.54	95	2259	52.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.84%			
Target Compounds						Qvalue
5) Bromomethane	2.18	94	392	74.143	ug/l #	12
16) Acetone	3.21	43	2685	422.597	ug/l #	51
18) Methyl Acetate	3.64	43	471	39.401	ug/l #	53
20) Methylene Chloride	3.81	84	1460	40.495	ug/l #	82
74) N-amyl acetate	13.34	43	846	21.088	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	13.70	83	187	6.125	ug/l #	26
80) 1,3,5-Trimethylbenzene	14.08	105	713	6.084	ug/l #	28
81) trans-1,4-Dichloro-2-buten	13.54	75	641	70.064	ug/l #	20
84) 1,2,4-Trimethylbenzene	14.36	105	193	1.632	ug/l #	31
85) sec-Butylbenzene	14.36	105	193	1.264	ug/l #	61
86) p-Isopropyltoluene	14.49	119	695	5.248	ug/l #	52
89) n-Butylbenzene	14.77	91	1049	9.113	ug/l #	1
90) Hexachloroethane	15.05	117	271	7.541	ug/l #	26
95) Naphthalene	16.11	128	917	18.712	ug/l #	28
96) 1,2,3-Trichlorobenzene	16.23	180	537	34.741	ug/l #	1

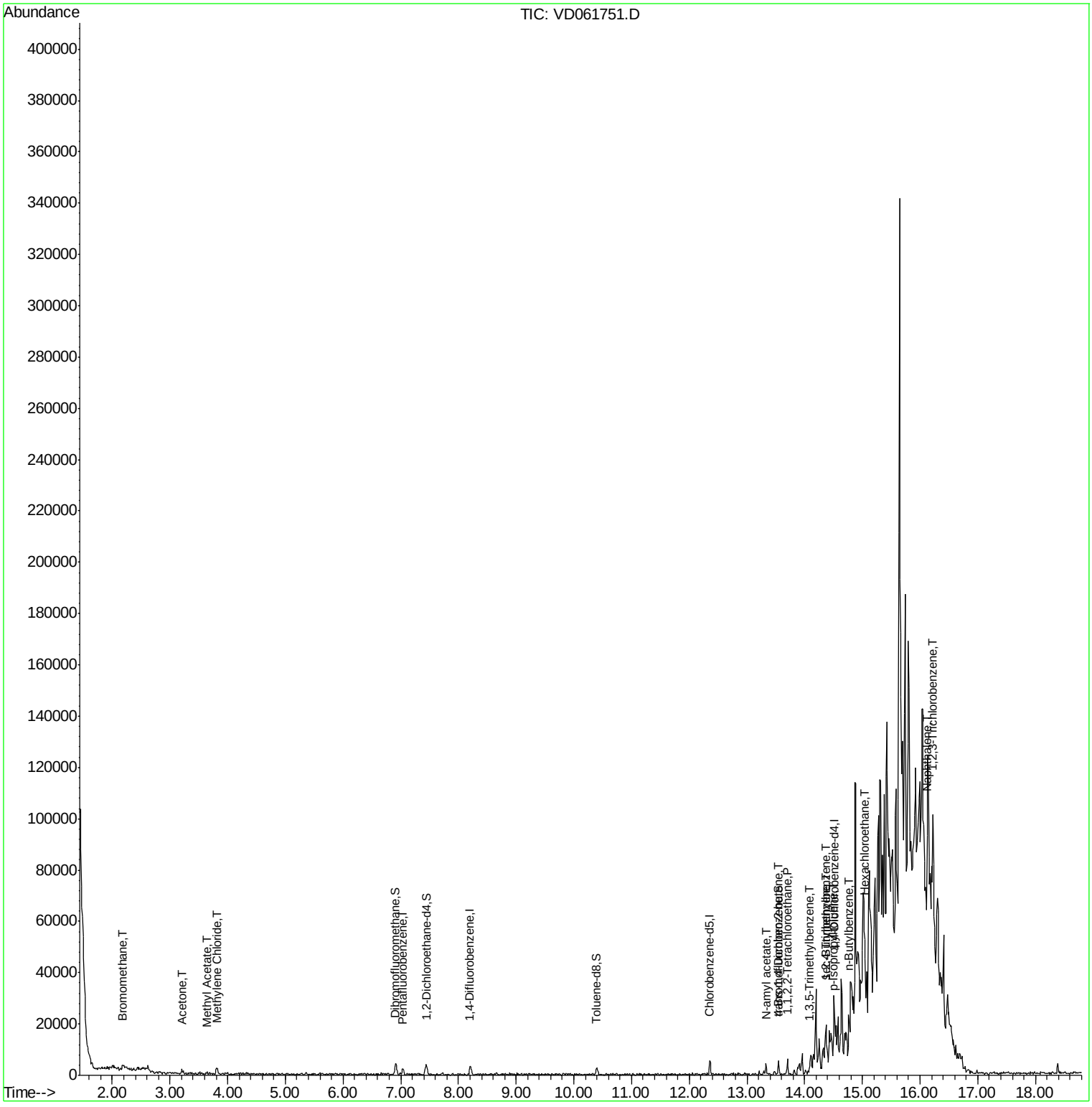
(#) = qualifier out of range (m) = manual integration (+) = signals summed

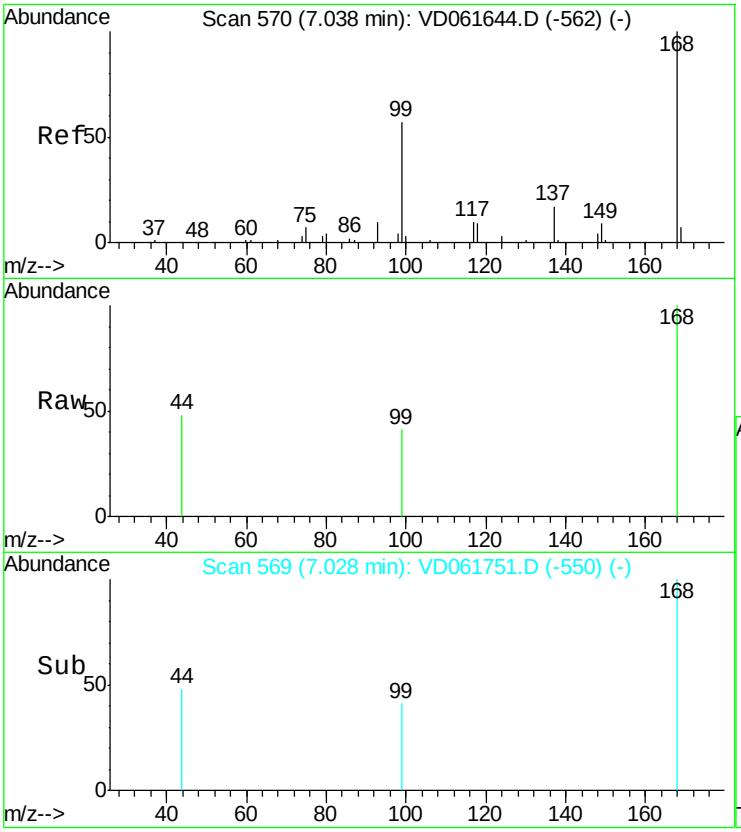
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
Data File : VD061751.D
Acq On : 11 Apr 2019 19:56
Operator : VA/AP
Sample : K2347-03
Misc : 5.07g/5ml/MSVOA D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 12 01:02:52 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



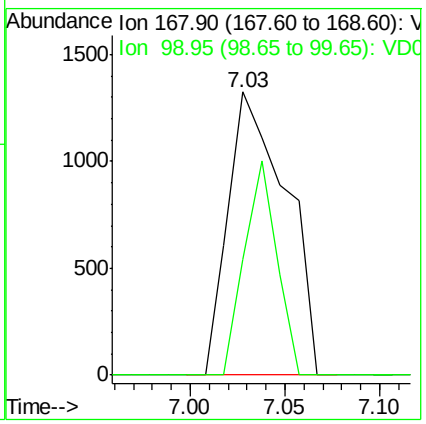


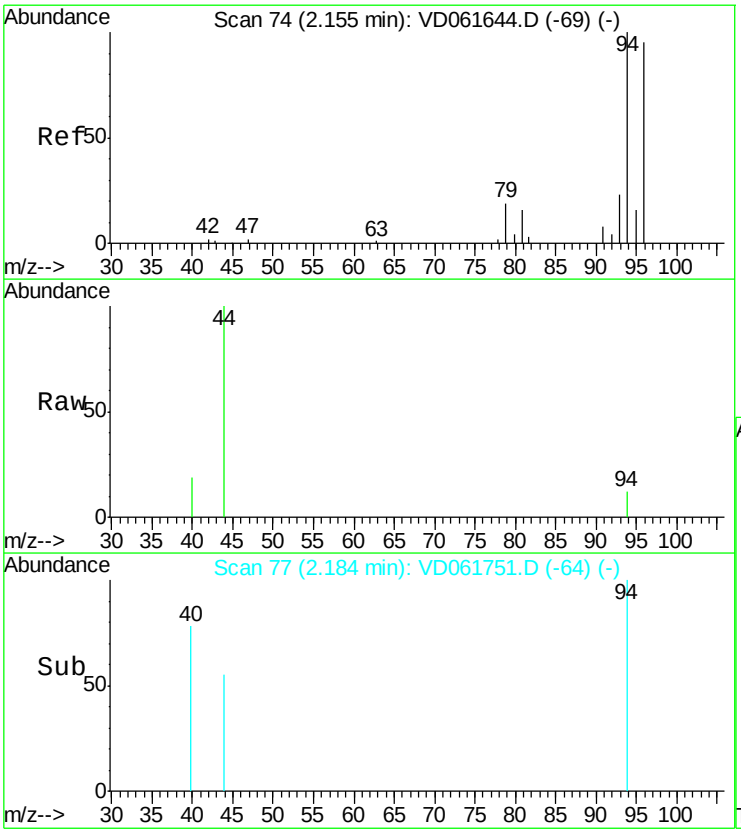
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.01 min
Lab File: VD061751.D
Acq: 11 Apr 2019 19:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 2804

Ion	Ratio	Lower	Upper
168	100		
99	40.8	46.8	70.2#

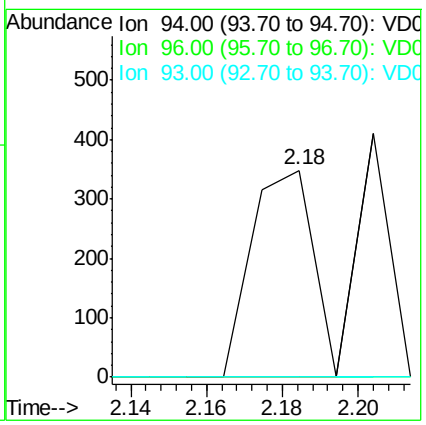


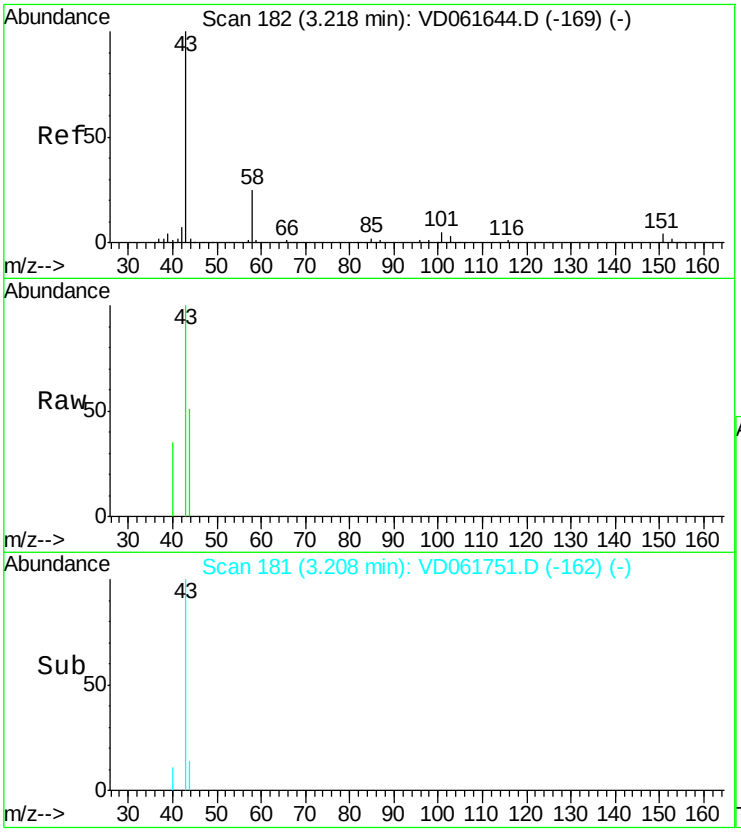


#5
Bromomethane
Concen: 74.143 ug/l
RT: 2.18 min Scan# 77
Delta R.T. 0.03 min
Lab File: VD061751.D
Acq: 11 Apr 2019 19:56

Tgt Ion: 94 Resp: 392

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.8	113.8#
93	0.0	18.6	28.0#



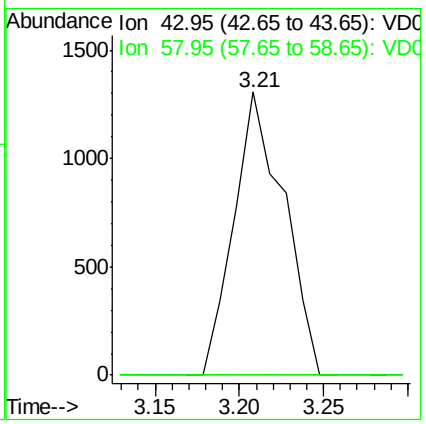


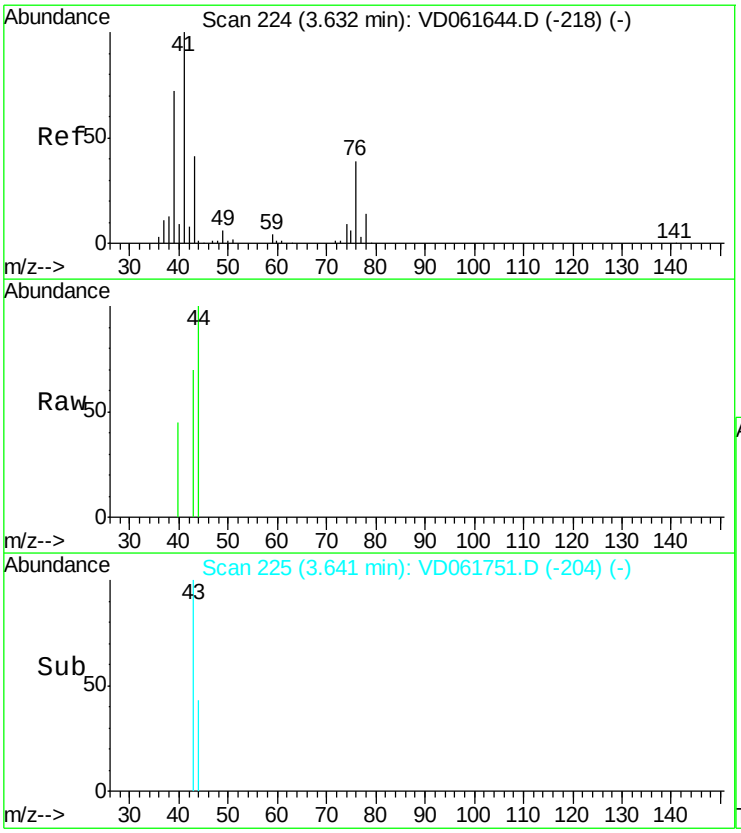
#16
Acetone
Concen: 422.597 ug/l
RT: 3.21 min Scan# 181
Delta R.T. -0.01 min
Lab File: VD061751.D
Acq: 11 Apr 2019 19:56

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 2685

Ion	Ratio	Lower	Upper
43	100		
58	0.0	19.7	29.5#

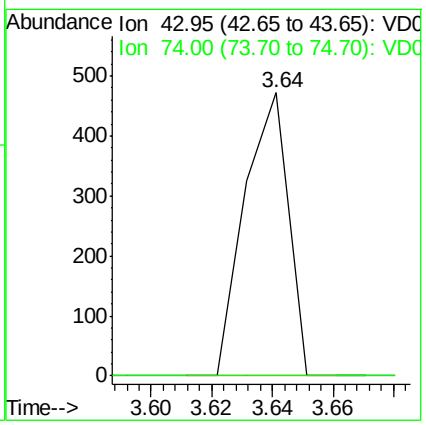


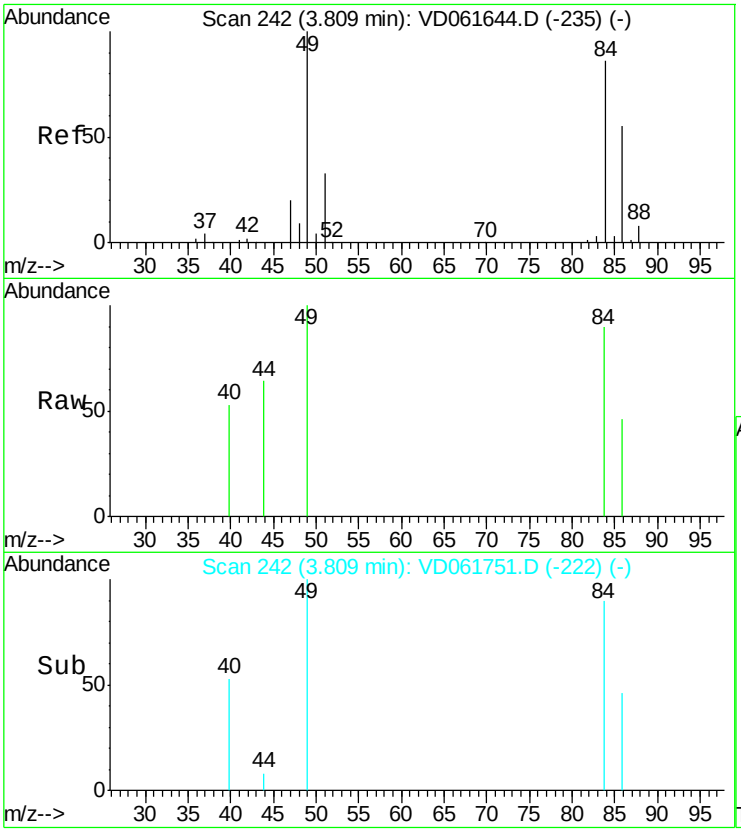


#18
Methyl Acetate
Concen: 39.401 ug/l
RT: 3.64 min Scan# 225
Delta R.T. 0.01 min
Lab File: VD061751.D
Acq: 11 Apr 2019 19:56

Tgt Ion: 43 Resp: 471

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.2	27.2#



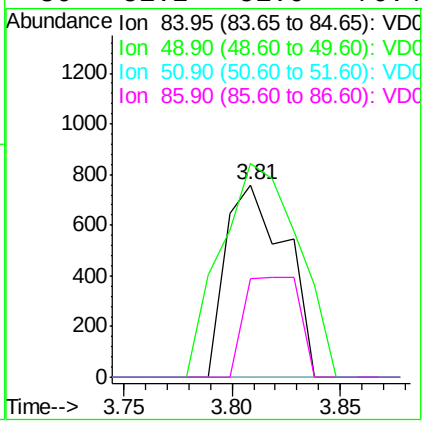


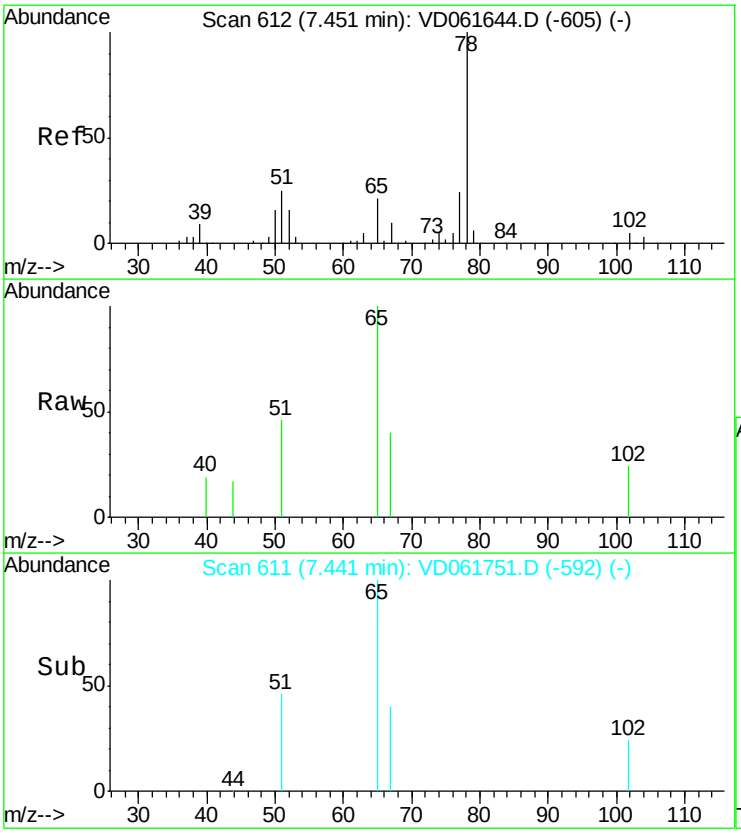
#20
Methylene Chloride
Concen: 40.495 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.00 min
Lab File: VD061751.D
Acq: 11 Apr 2019 19:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 1460

Ion	Ratio	Lower	Upper
84	100		
49	111.2	93.0	139.4
51	0.0	30.4	45.6#
86	51.2	51.0	76.4

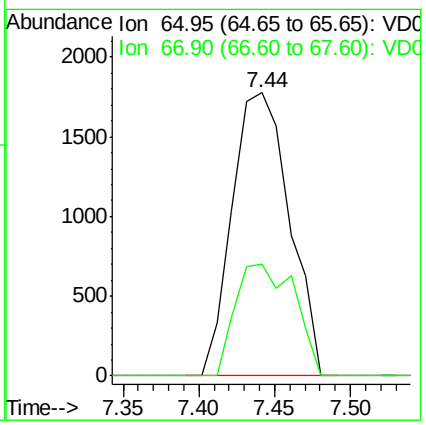


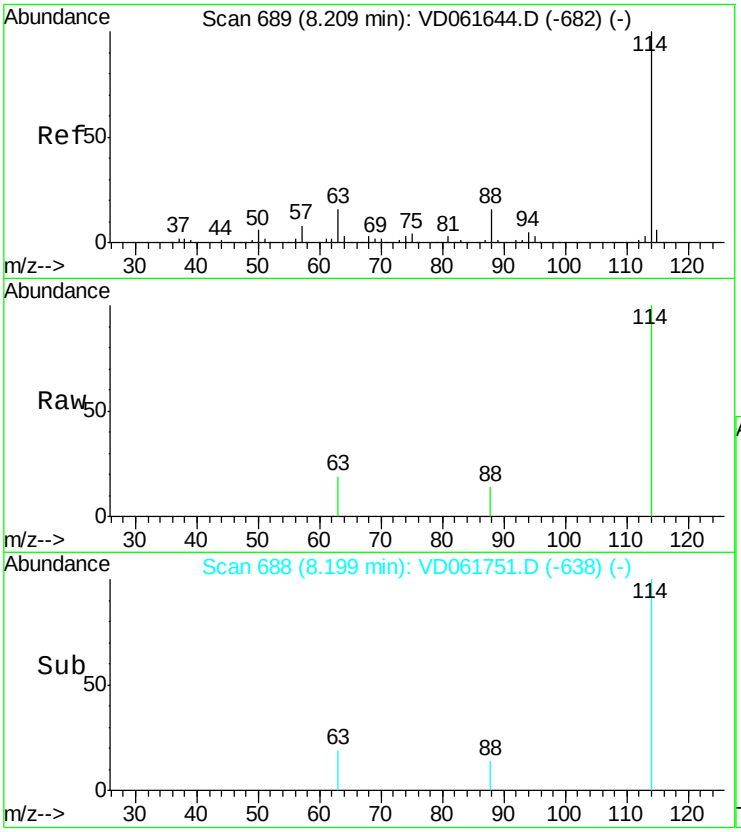


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.01 min
Lab File: VD061751.D
Acq: 11 Apr 2019 19:56

Tgt Ion: 65 Resp: 4690

Ion	Ratio	Lower	Upper
65	100		
67	39.6	0.0	99.4



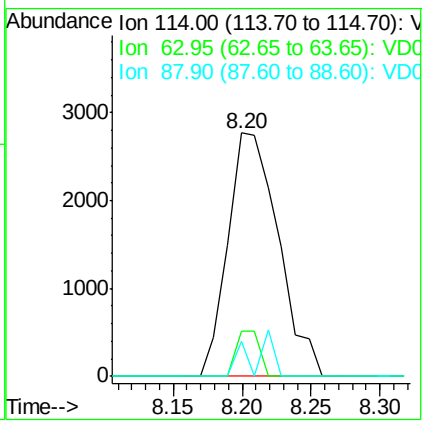


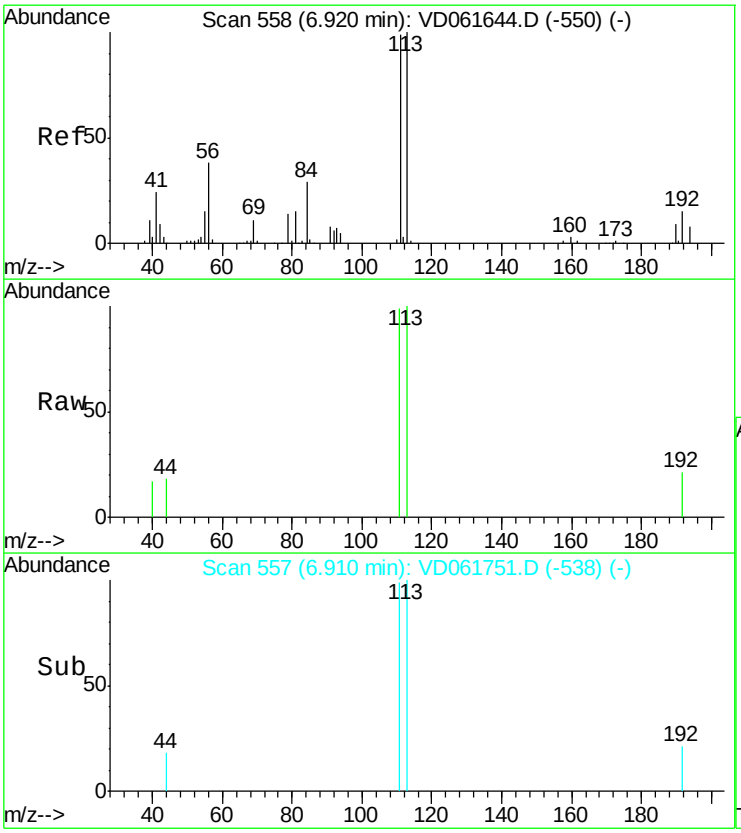
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.20 min Scan# 688
Delta R.T. -0.01 min
Lab File: VD061751.D
Acq: 11 Apr 2019 19:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 7063

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	31.2
88	14.3	0.0	31.8

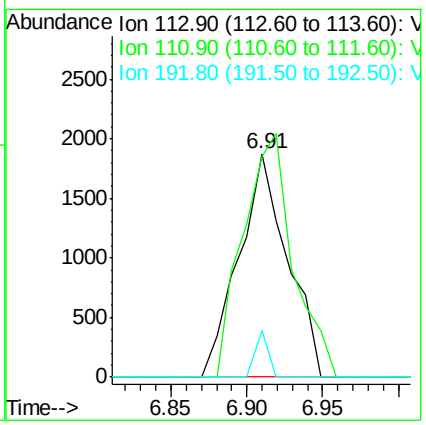


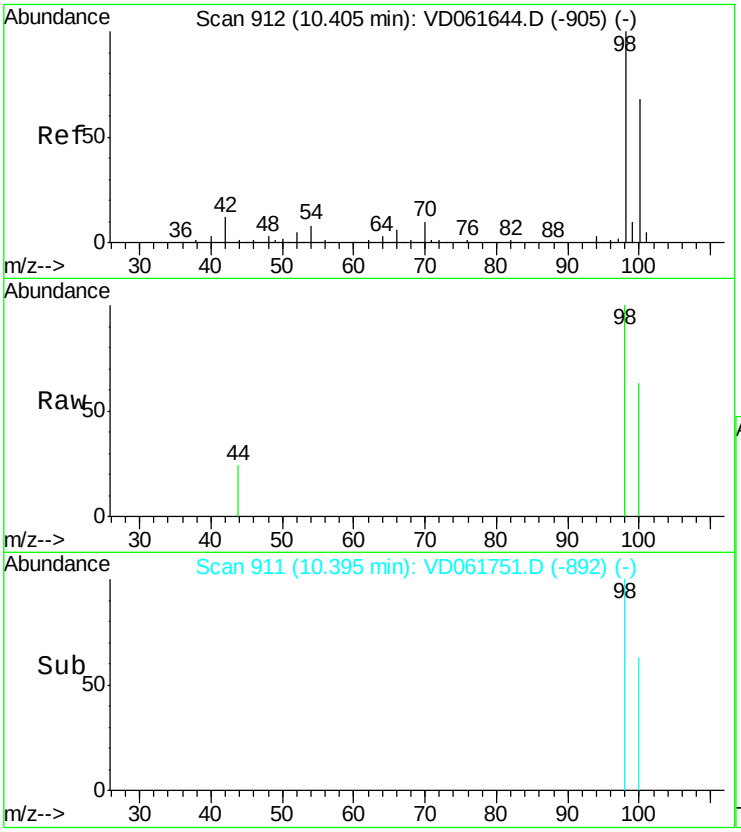


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.91 min Scan# 557
Delta R.T. -0.01 min
Lab File: VD061751.D
Acq: 11 Apr 2019 19:56

Tgt Ion:113 Resp: 4200

Ion	Ratio	Lower	Upper
113	100		
111	98.9	79.3	118.9
192	20.8	12.3	18.5#



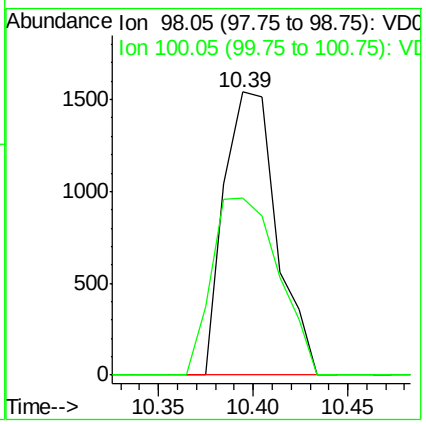


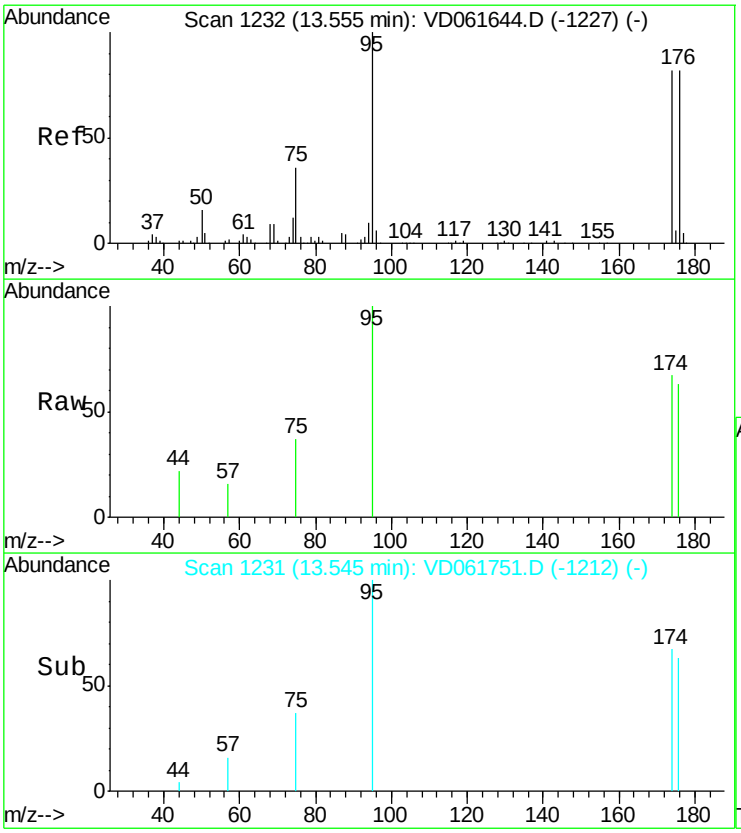
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.01 min
Lab File: VD061751.D
Acq: 11 Apr 2019 19:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 98 Resp: 2961

Ion	Ratio	Lower	Upper
98	100		
100	62.7	55.4	83.0

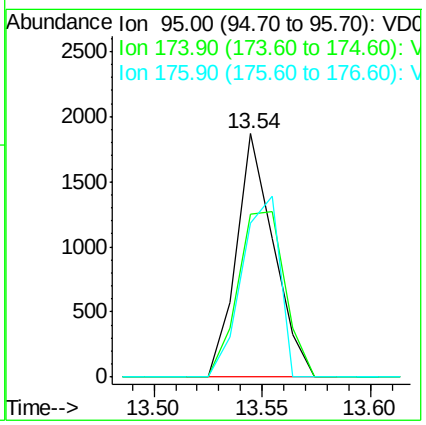


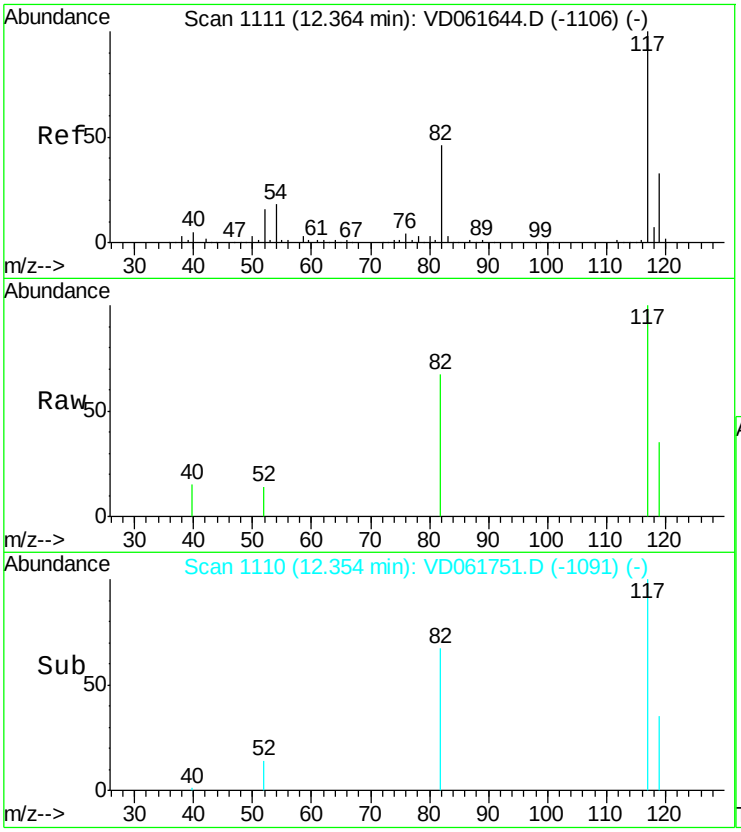


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD061751.D
Acq: 11 Apr 2019 19:56

Tgt Ion: 95 Resp: 2259

Ion	Ratio	Lower	Upper
95	100		
174	67.0	0.0	164.6
176	63.5	0.0	165.0



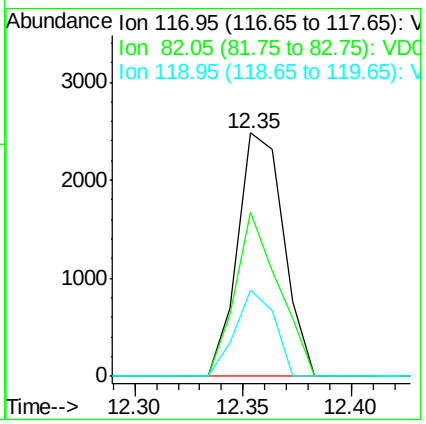


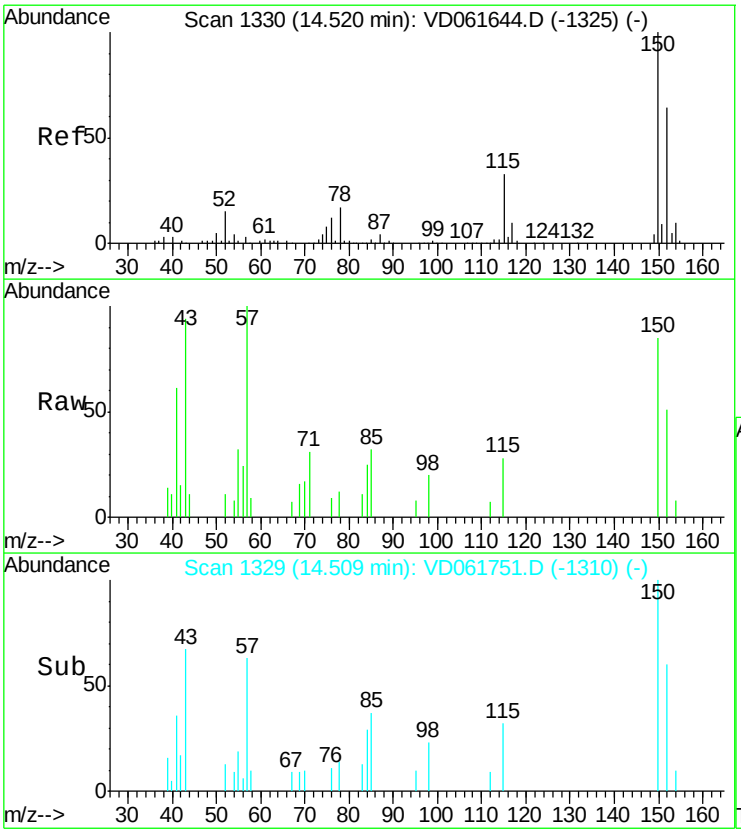
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD061751.D
Acq: 11 Apr 2019 19:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 3699

Ion	Ratio	Lower	Upper
117	100		
82	67.3	36.8	55.2#
119	35.2	26.1	39.1

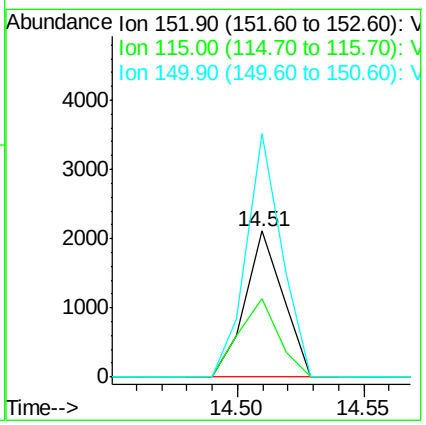


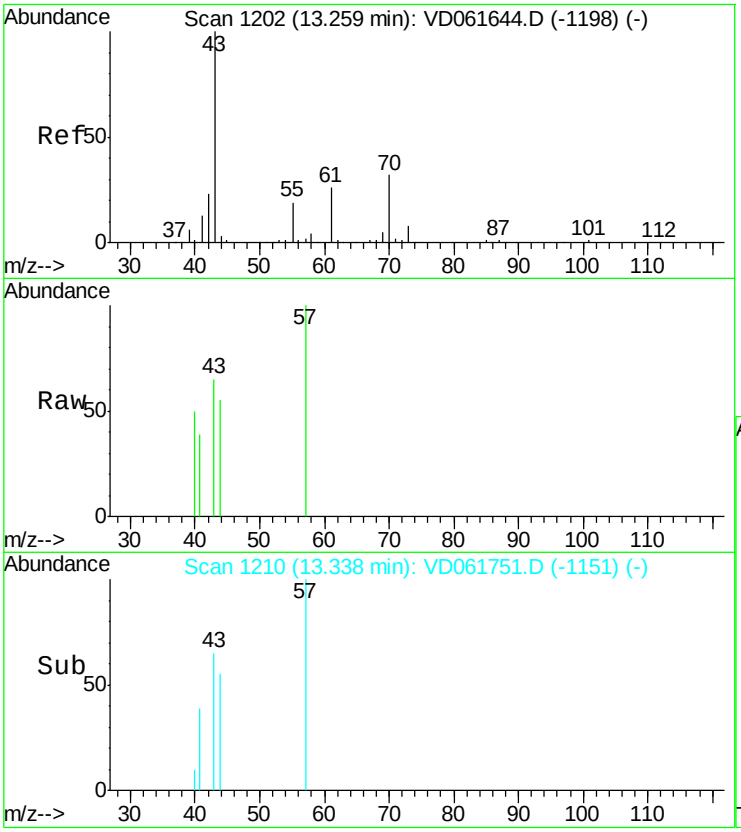


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061751.D
Acq: 11 Apr 2019 19:56

Tgt Ion:152 Resp: 2216

Ion	Ratio	Lower	Upper
152	100		
115	54.0	26.4	79.2
150	166.7	0.0	320.6



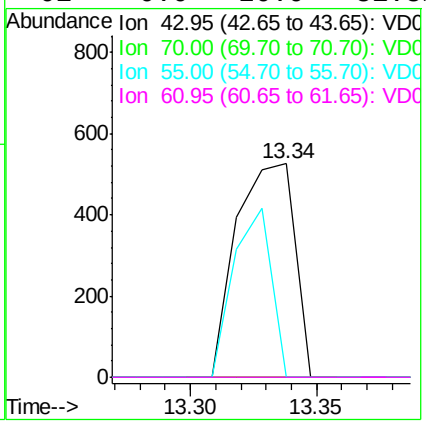


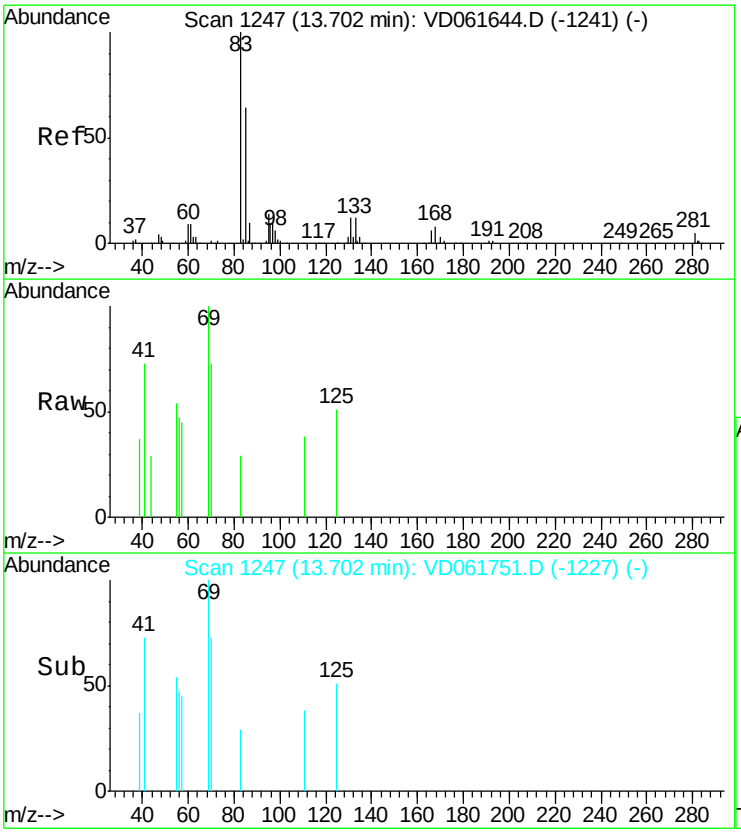
#74
N-amyl acetate
Concen: 21.088 ug/l
RT: 13.34 min Scan# 1210
Delta R.T. 0.08 min
Lab File: VD061751.D
Acq: 11 Apr 2019 19:56

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 846

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

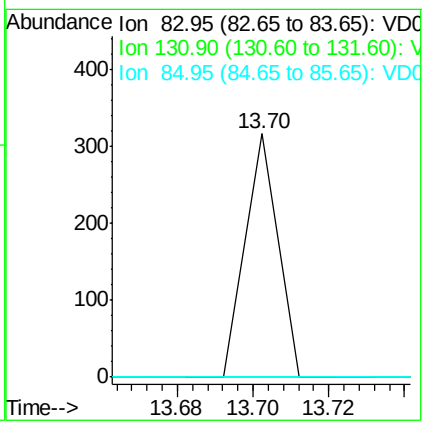


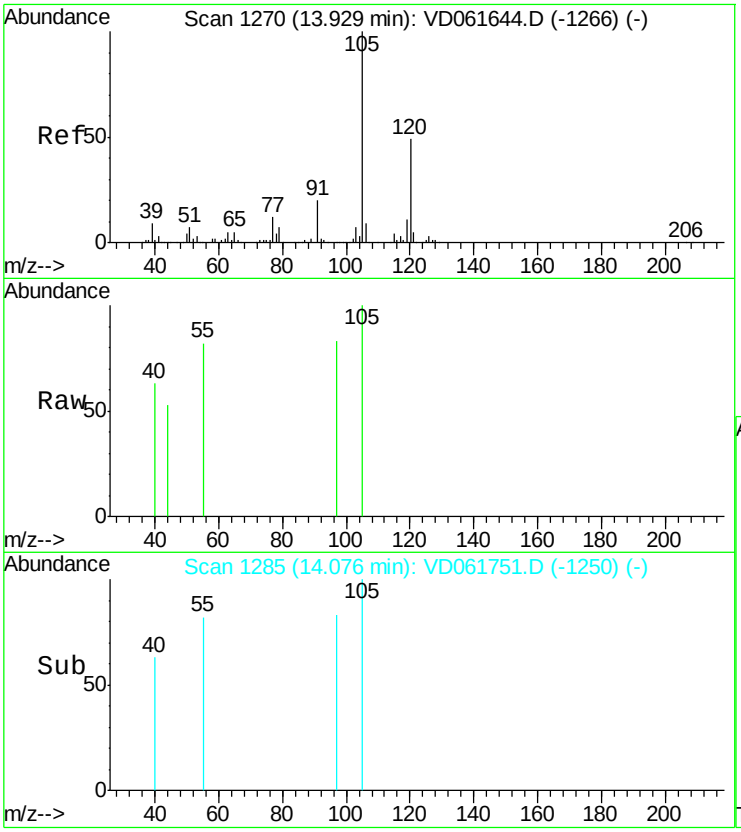


#75
1,1,2,2-Tetrachloroethane
Concen: 6.125 ug/l
RT: 13.70 min Scan# 1247
Delta R.T. -0.00 min
Lab File: VD061751.D
Acq: 11 Apr 2019 19:56

Tgt Ion: 83 Resp: 187

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.9	17.6#
85	0.0	32.0	96.2#



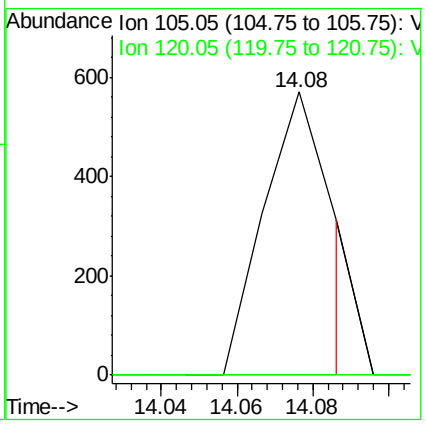


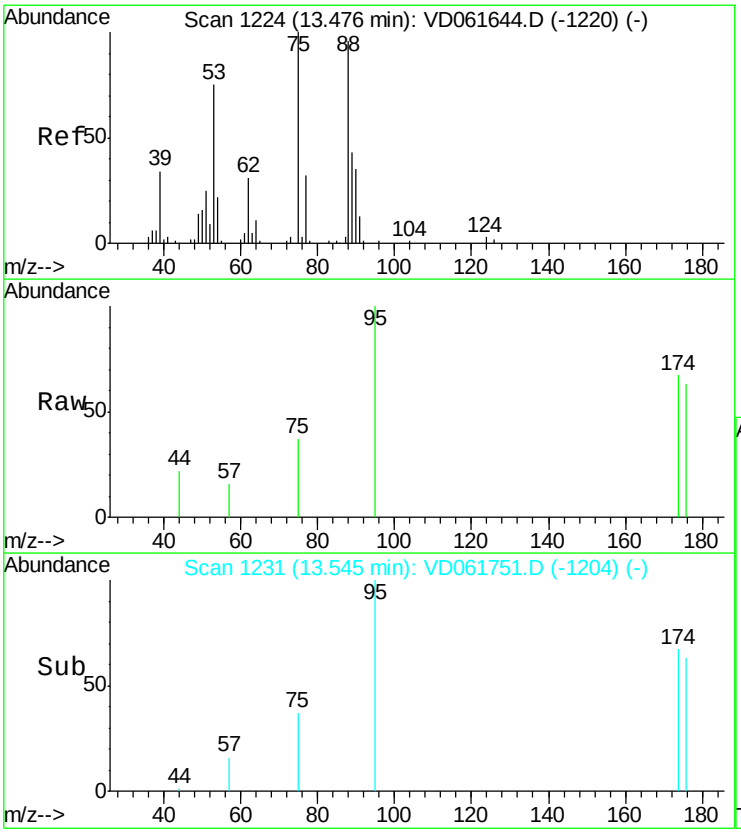
#80
1,3,5-Trimethylbenzene
Concen: 6.084 ug/l
RT: 14.08 min Scan# 1285
Delta R.T. 0.15 min
Lab File: VD061751.D
Acq: 11 Apr 2019 19:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 713

Ion	Ratio	Lower	Upper
105	100		
120	0.0	24.4	73.2#

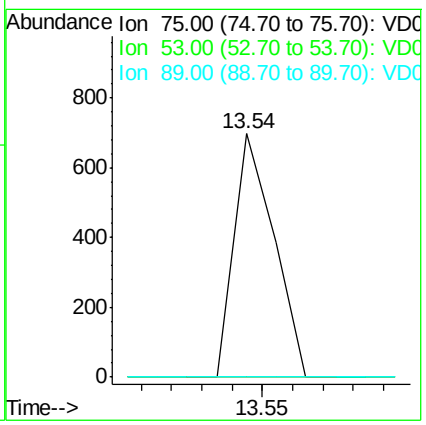


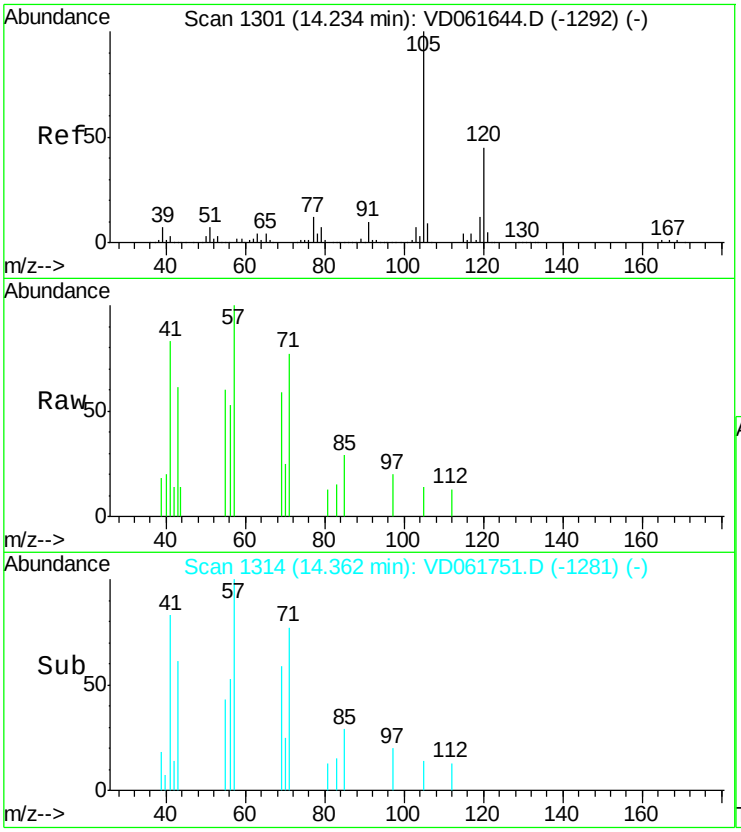


#81
trans-1,4-Dichloro-2-butene
Concen: 70.064 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. 0.07 min
Lab File: VD061751.D
Acq: 11 Apr 2019 19:56

Tgt Ion: 75 Resp: 641

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



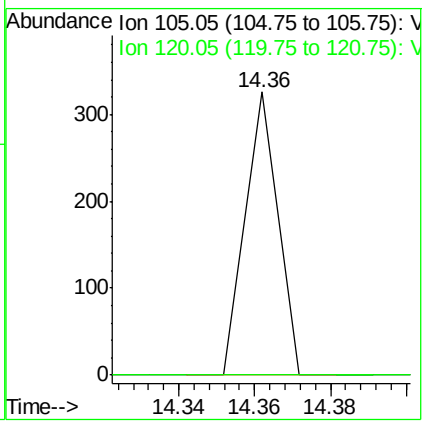


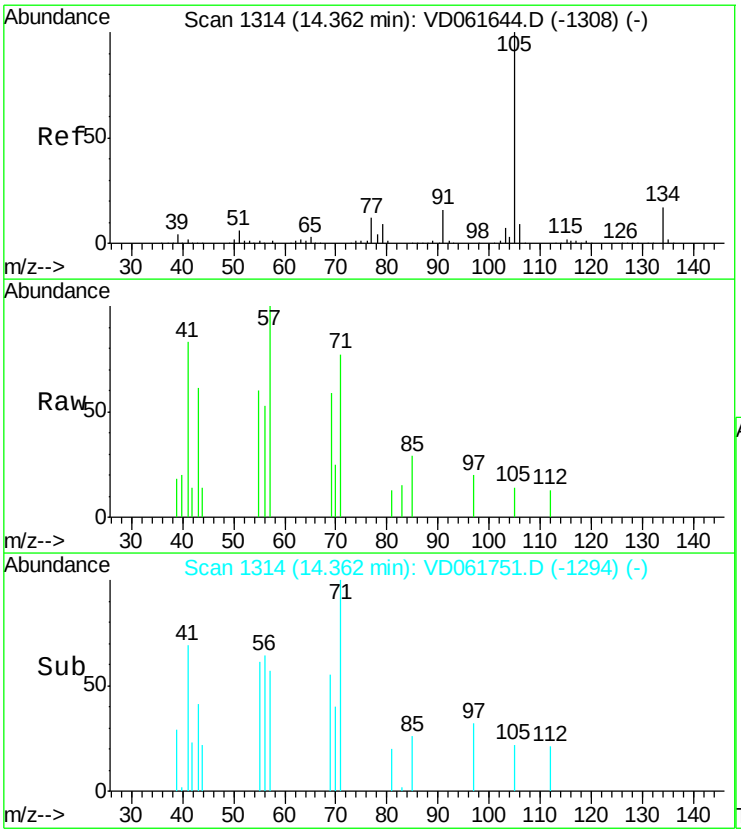
#84
1,2,4-Trimethylbenzene
Concen: 1.632 ug/l
RT: 14.36 min Scan# 1314
Delta R.T. 0.13 min
Lab File: VD061751.D
Acq: 11 Apr 2019 19:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 193

Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.6	67.8#

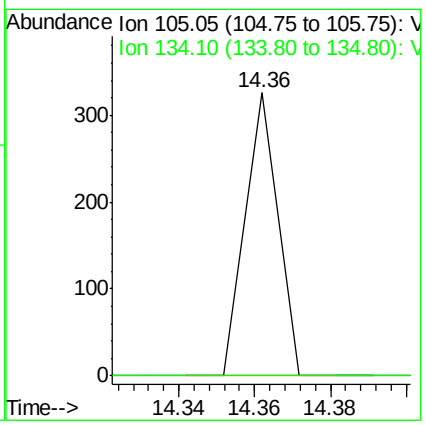


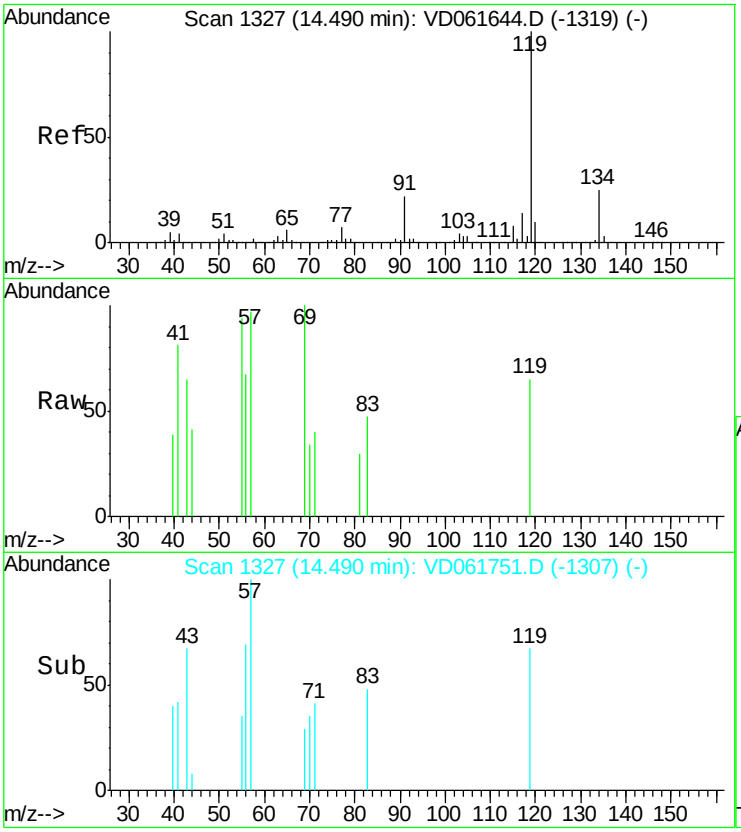


#85
sec-Butylbenzene
Concen: 1.264 ug/l
RT: 14.36 min Scan# 1314
Delta R.T. -0.00 min
Lab File: VD061751.D
Acq: 11 Apr 2019 19:56

Tgt Ion:105 Resp: 193

Ion	Ratio	Lower	Upper
105	100		
134	0.0	8.6	25.7#



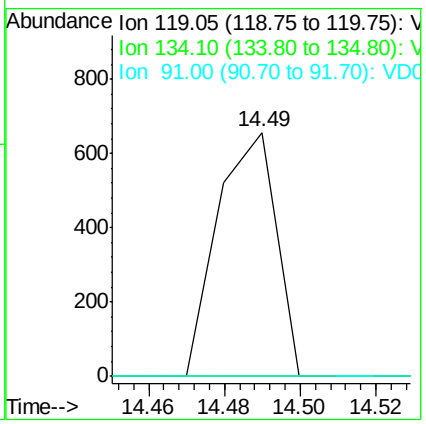


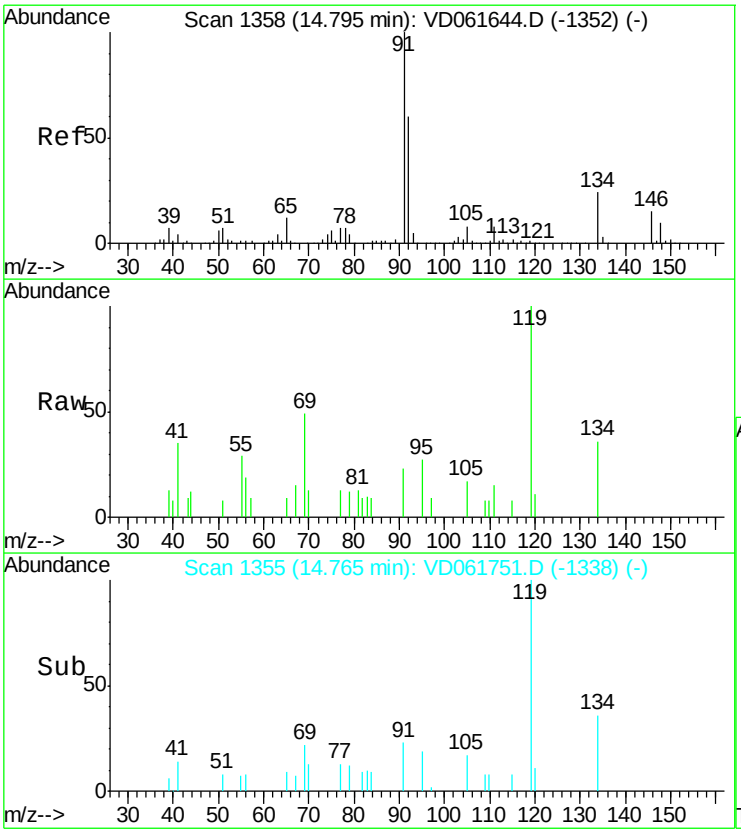
#86
p-Isopropyltoluene
Concen: 5.248 ug/l
RT: 14.49 min Scan# 1327
Delta R.T. -0.00 min
Lab File: VD061751.D
Acq: 11 Apr 2019 19:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:119 Resp: 695

Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.5	37.5#
91	0.0	11.0	33.0#

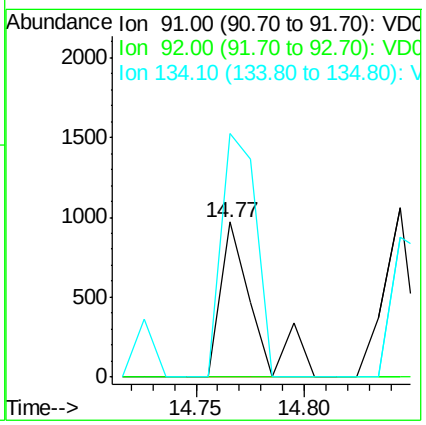


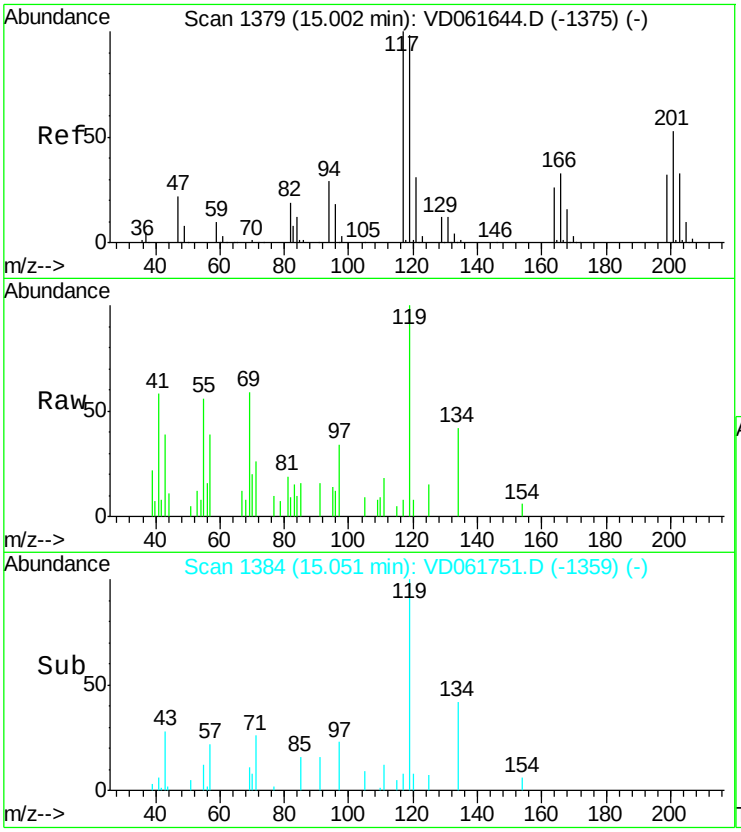


#89
n-Butylbenzene
Concen: 9.113 ug/l
RT: 14.77 min Scan# 1355
Delta R.T. -0.03 min
Lab File: VD061751.D
Acq: 11 Apr 2019 19:56

Tgt Ion: 91 Resp: 1049

Ion	Ratio	Lower	Upper
91	100		
92	0.0	29.8	89.4#
134	157.0	12.2	36.4#



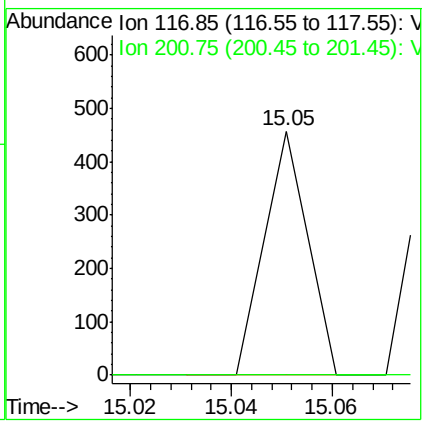


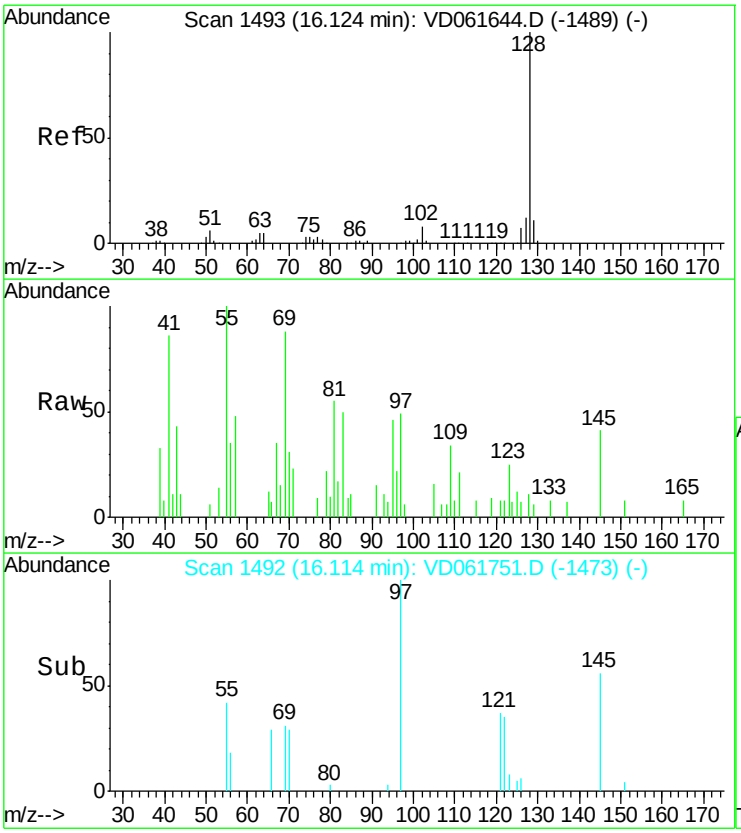
#90
Hexachloroethane
Concen: 7.541 ug/l
RT: 15.05 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VD061751.D
Acq: 11 Apr 2019 19:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 271

Ion	Ratio	Lower	Upper
117	100		
201	0.0	26.3	78.8#

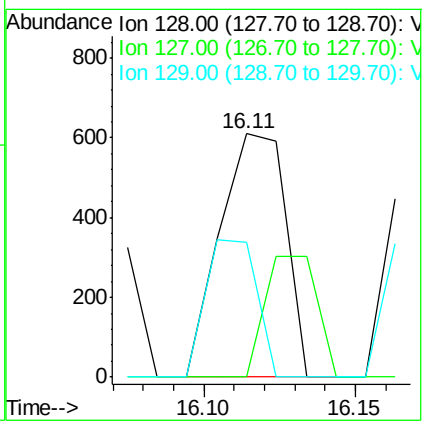


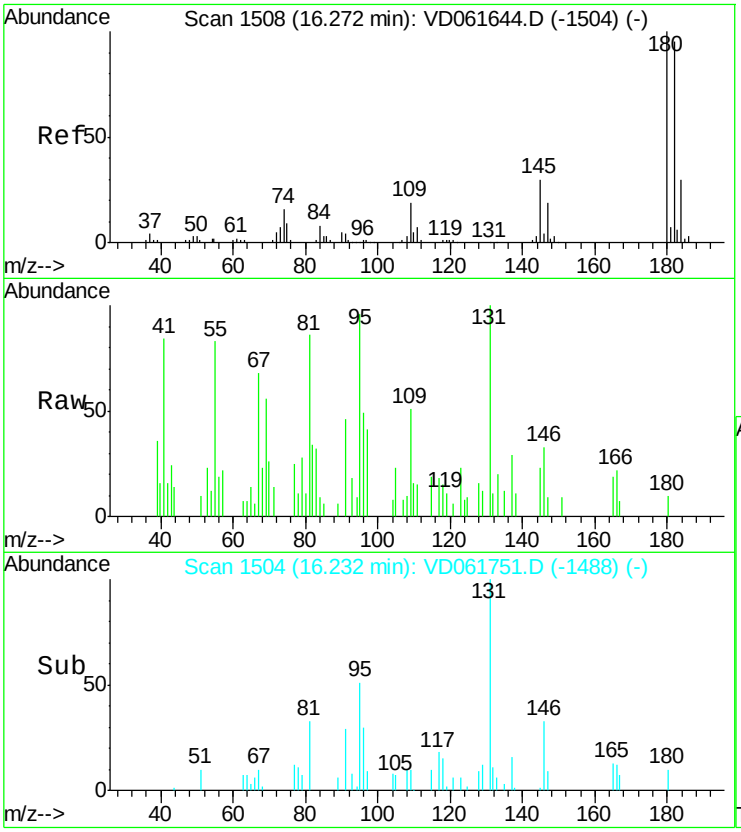


#95
Naphthalene
Concen: 18.712 ug/l
RT: 16.11 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VD061751.D
Acq: 11 Apr 2019 19:56

Tgt Ion:128 Resp: 917

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.4	14.2#
129	55.5	8.8	13.2#





#96
1,2,3-Trichlorobenzene
Concen: 34.741 ug/l
RT: 16.23 min Scan# 1504
Delta R.T. -0.04 min
Lab File: VD061751.D
Acq: 11 Apr 2019 19:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:180 Resp: 537

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.3	142.0#
145	228.3	15.1	45.3#