Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041719\
Data File : VD061847.D
Acq On : 17 Apr 2019 12:39
Operator : VA/AP
Sample : K2347-01
Misc : 5.09g/5ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : BCOG01

Quant Time: Apr 17 13:23:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 16 08:53:01 2019
Response via : Initial Calibration

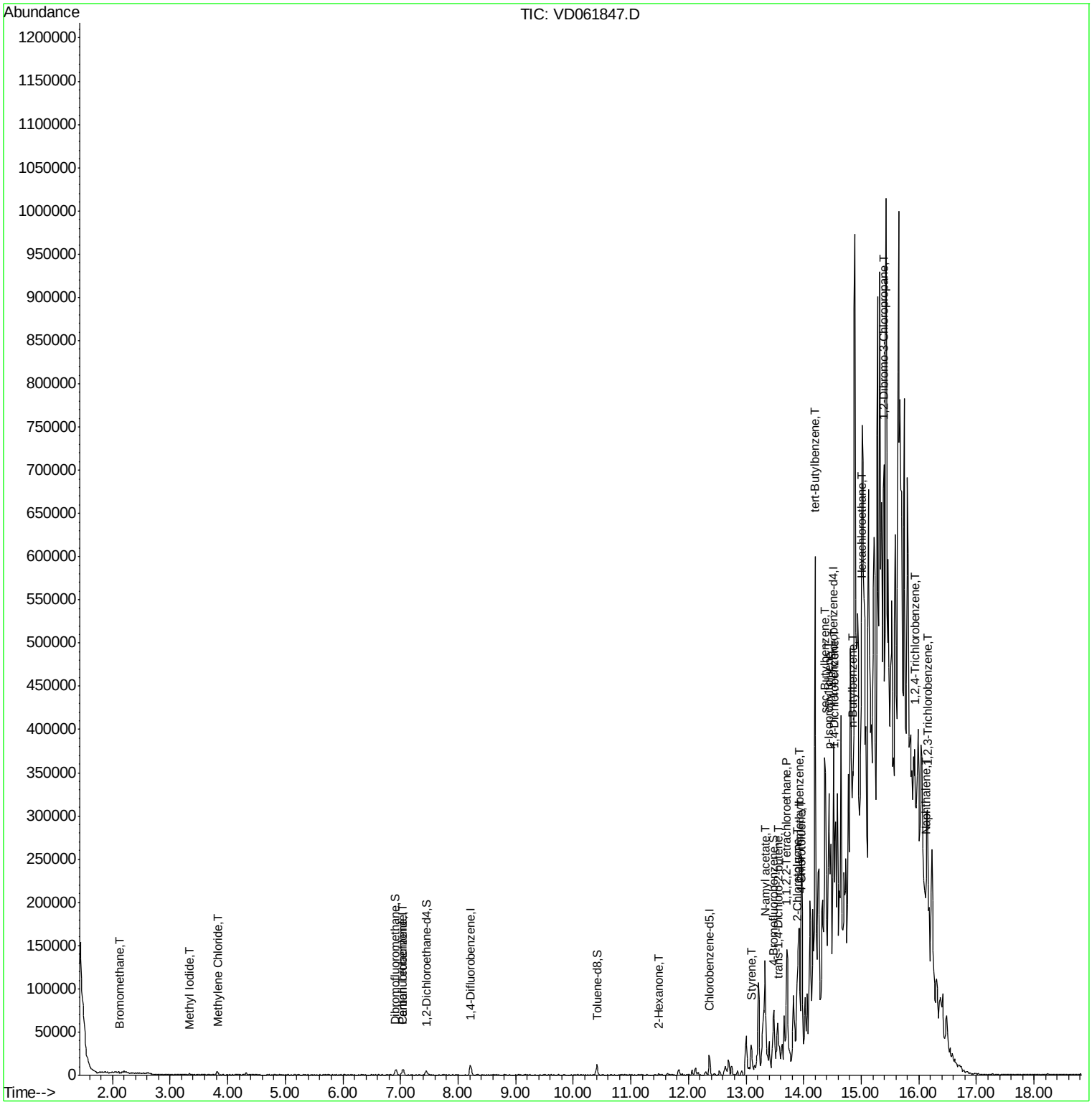
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	10328	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	8.21	114	19225	50.00	ug/l	-0.05
63) Chlorobenzene-d5	12.37	117	15512	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.51	152	9676	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	6249	72.19	ug/l	-0.04
Spiked Amount 50.000			Recovery = 144.38%			
35) Dibromofluoromethane	6.91	113	6587	45.35	ug/l	-0.06
Spiked Amount 50.000			Recovery = 90.70%			
50) Toluene-d8	10.41	98	11709	34.02	ug/l	-0.04
Spiked Amount 50.000			Recovery = 68.04%			
62) 4-Bromofluorobenzene	13.47	95	3568	25.58	ug/l	-0.11
Spiked Amount 50.000			Recovery = 51.16%			
Target Compounds						Qvalue
5) Bromomethane	2.14	94	249	11.089	ug/l #	12
10) Methyl Iodide	3.33	142	2159	14.419	ug/l #	64
20) Methylene Chloride	3.81	84	2032	16.048	ug/l #	90
38) Carbon Tetrachloride	7.05	117	209	1.054	ug/l #	12
59) 2-Hexanone	11.48	43	1214	28.248	ug/l #	27
70) Styrene	13.08	104	397	1.412	ug/l #	26
74) N-amyl acetate	13.33	43	35439	210.017	ug/l #	67
75) 1,1,2,2-Tetrachloroethane	13.71	83	9671	77.967	ug/l #	62
79) 2-Chlorotoluene	13.88	91	508	1.199	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.93	105	6229	12.510	ug/l	79
81) trans-1,4-Dichloro-2-buten	13.55	75	1556	38.591	ug/l #	39
82) 4-Chlorotoluene	13.94	91	2264	4.670	ug/l #	67
83) tert-Butylbenzene	14.19	119	618	1.057	ug/l #	84
85) sec-Butylbenzene	14.37	105	708	1.171	ug/l #	60
86) p-Isopropyltoluene	14.44	119	18578	32.853	ug/l	94
88) 1,4-Dichlorobenzene	14.53	146	635	2.064	ug/l #	1
89) n-Butylbenzene	14.85	91	6878	13.741	ug/l #	10
90) Hexachloroethane	15.00	117	893	5.794	ug/l #	20
92) 1,2-Dibromo-3-Chloropropan	15.38	75	435	28.203	ug/l #	28
93) 1,2,4-Trichlorobenzene	15.94	180	1090	7.613	ug/l #	1
95) Naphthalene	16.12	128	2433	11.087	ug/l #	37
96) 1,2,3-Trichlorobenzene	16.14	180	1014	12.429	ug/l	75

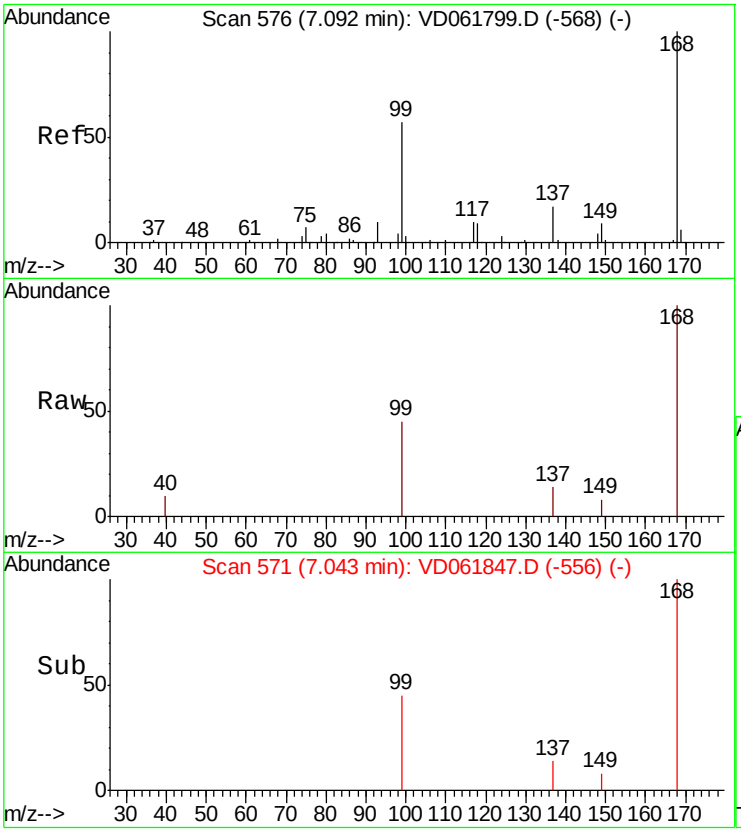
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041719\
Data File : VD061847.D
Acq On : 17 Apr 2019 12:39
Operator : VA/AP
Sample : K2347-01
Misc : 5.09g/5ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BCOG01

Quant Time: Apr 17 13:23:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 16 08:53:01 2019
Response via : Initial Calibration



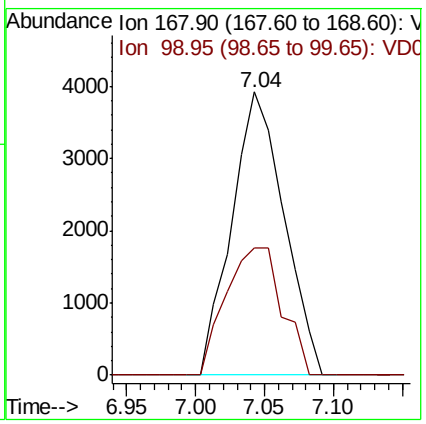


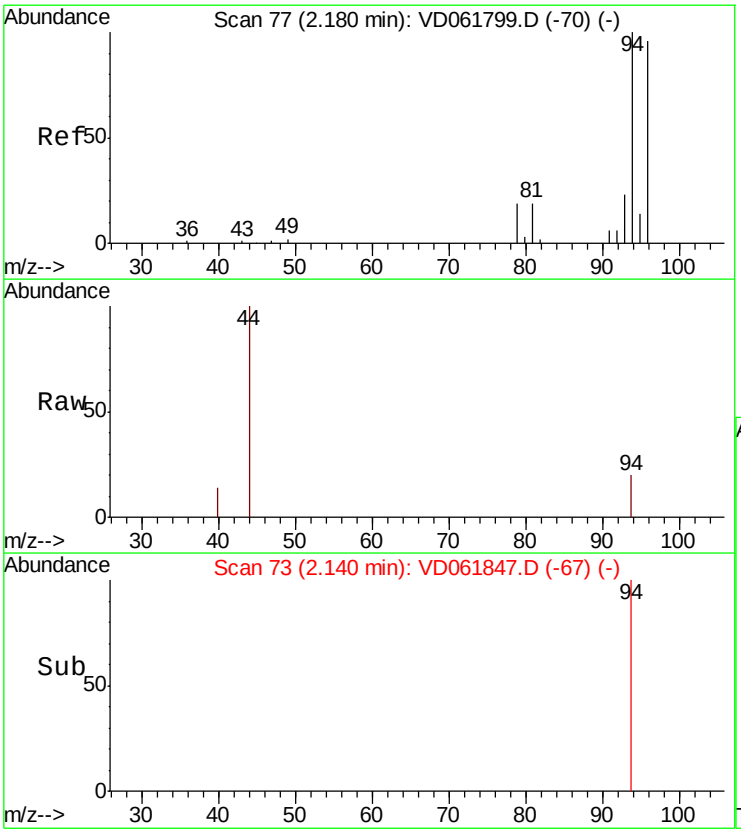
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.05 min
Lab File: VD061847.D
Acq: 17 Apr 2019 12:39

Instrument :
MSVOA_D
ClientSampleId :
BCOG01

Tgt Ion:168 Resp: 10328

Ion	Ratio	Lower	Upper
168	100		
99	44.9	46.5	69.7#

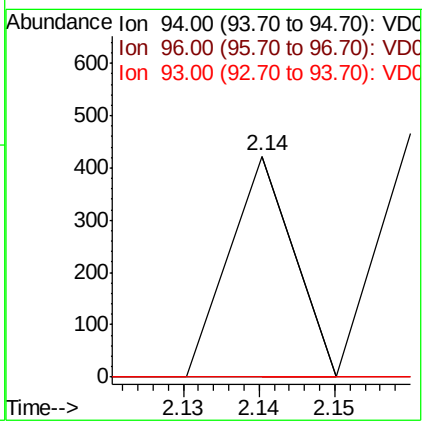


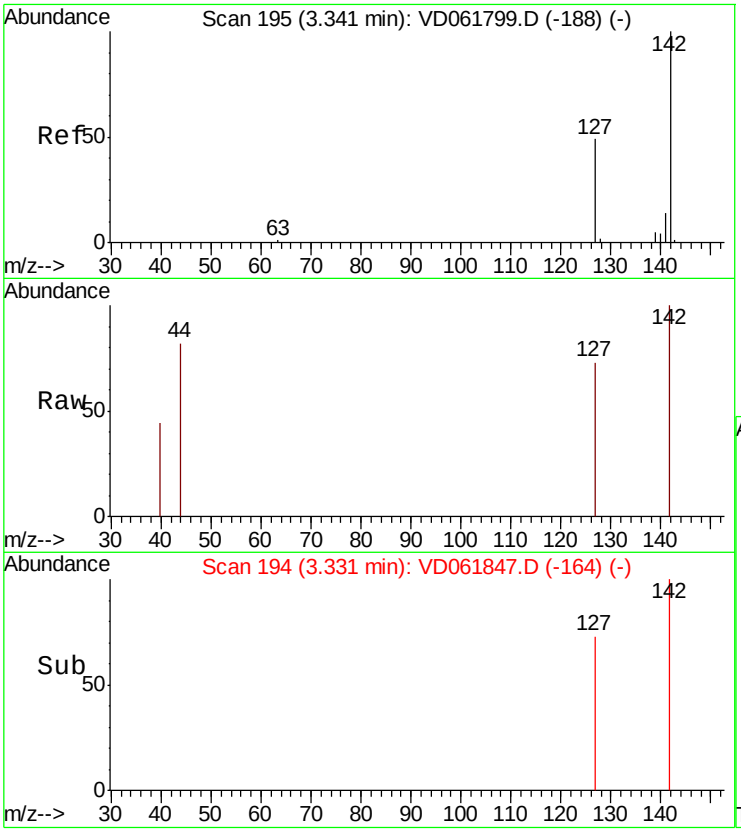


#5
Bromomethane
Concen: 11.089 ug/l
RT: 2.14 min Scan# 73
Delta R.T. -0.04 min
Lab File: VD061847.D
Acq: 17 Apr 2019 12:39

Tgt Ion: 94 Resp: 249

Ion	Ratio	Lower	Upper
94	100		
96	0.0	76.6	115.0#
93	0.0	18.5	27.7#



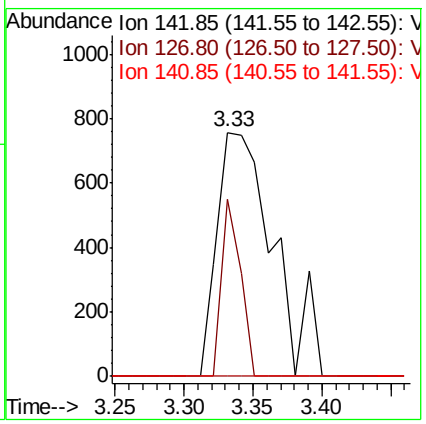


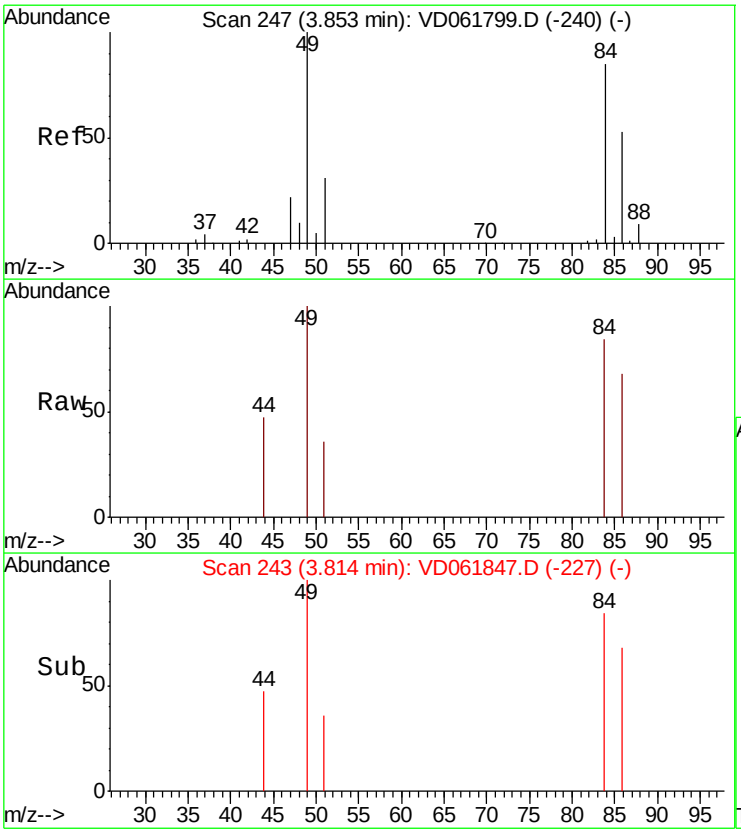
#10
Methyl Iodide
Concen: 14.419 ug/l
RT: 3.33 min Scan# 194
Delta R.T. -0.01 min
Lab File: VD061847.D
Acq: 17 Apr 2019 12:39

Instrument :
MSVOA_D
ClientSampleId :
BCOG01

Tgt Ion:142 Resp: 2159

Ion	Ratio	Lower	Upper
142	100		
127	72.8	38.8	58.2#
141	0.0	11.4	17.0#

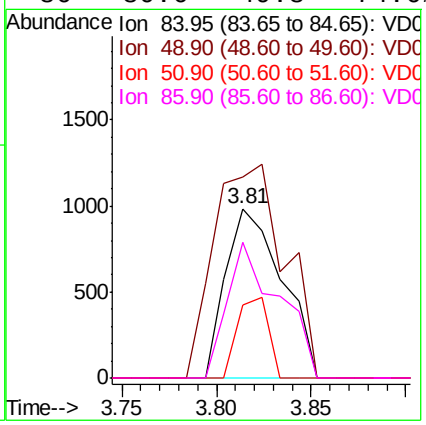


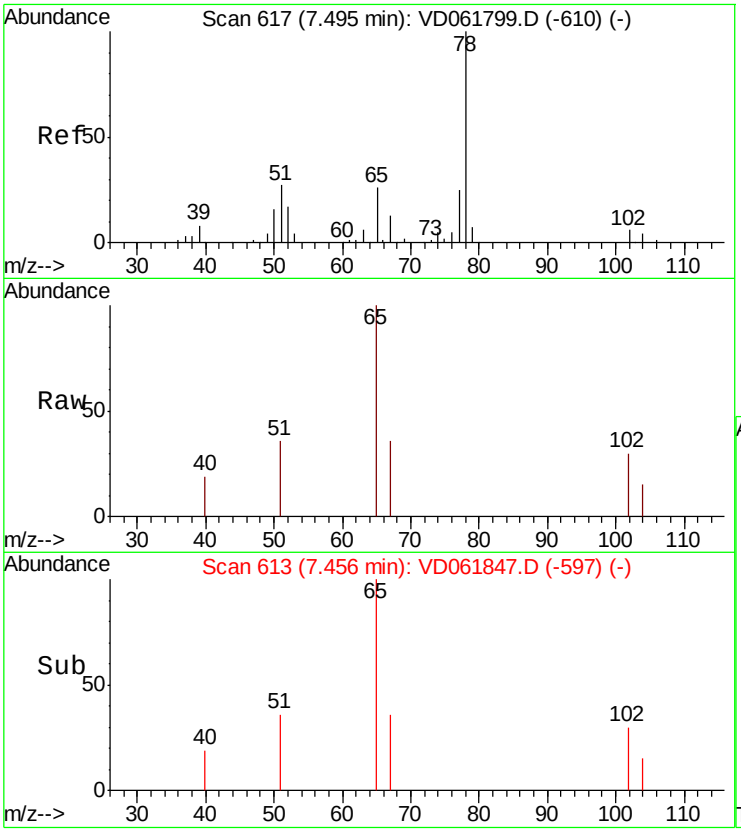


#20
Methylene Chloride
Concen: 16.048 ug/l
RT: 3.81 min Scan# 243
Delta R.T. -0.04 min
Lab File: VD061847.D
Acq: 17 Apr 2019 12:39

Tgt Ion: 84 Resp: 2032

Ion	Ratio	Lower	Upper
84	100		
49	119.0	94.0	141.0
51	43.1	29.0	43.4
86	80.6	49.8	74.6#



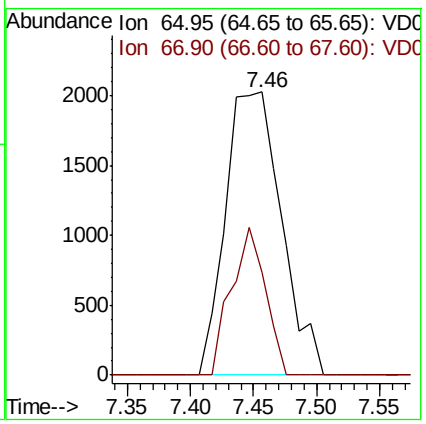


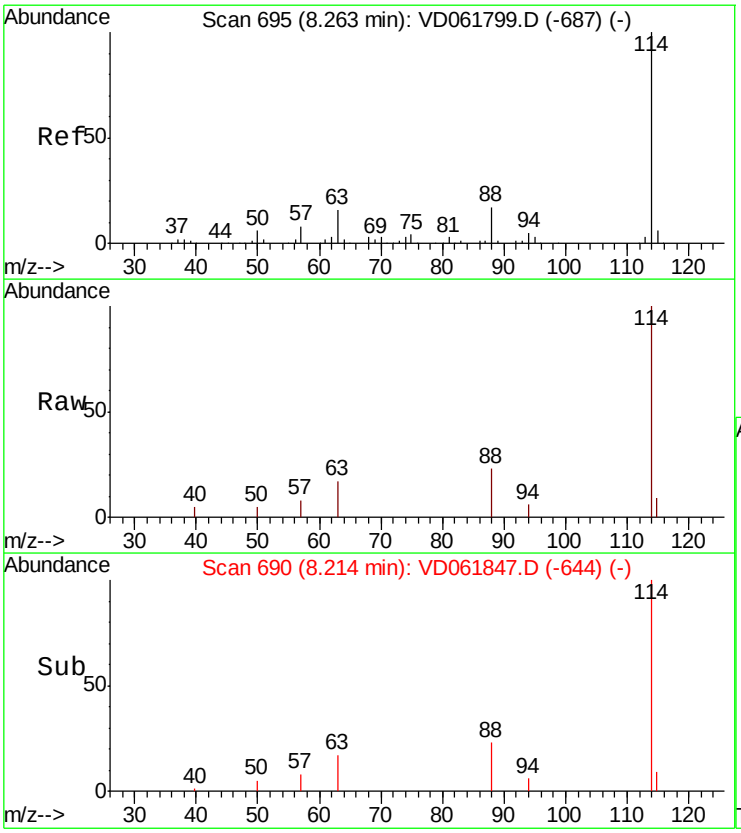
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.04 min
Lab File: VD061847.D
Acq: 17 Apr 2019 12:39

Instrument : MSVOA_D
ClientSampleId : BCOG01

Tgt Ion: 65 Resp: 6249

Ion	Ratio	Lower	Upper
65	100		
67	36.4	0.0	98.0

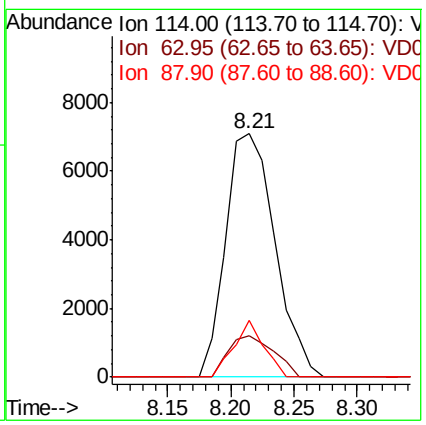


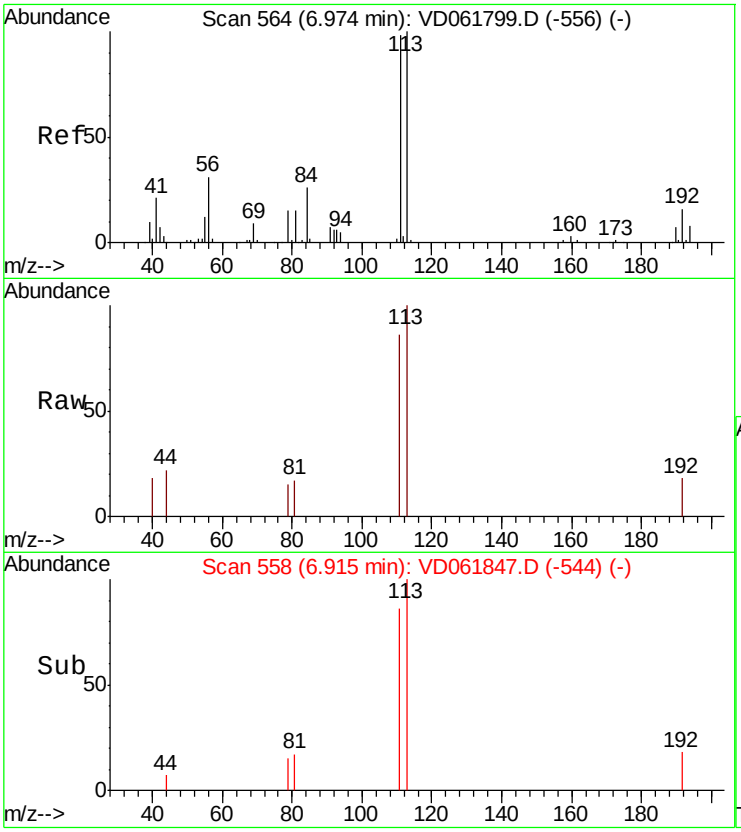


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.21 min Scan# 690
Delta R.T. -0.05 min
Lab File: VD061847.D
Acq: 17 Apr 2019 12:39

Tgt Ion:114 Resp: 19225

Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	32.4
88	23.3	0.0	33.6



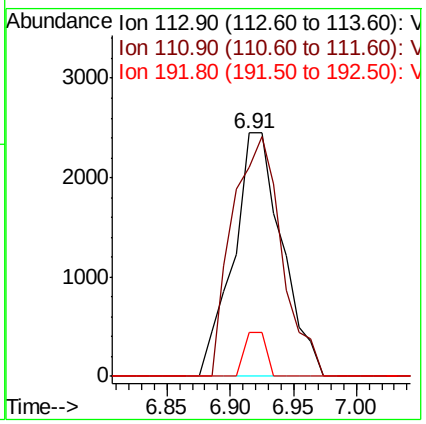


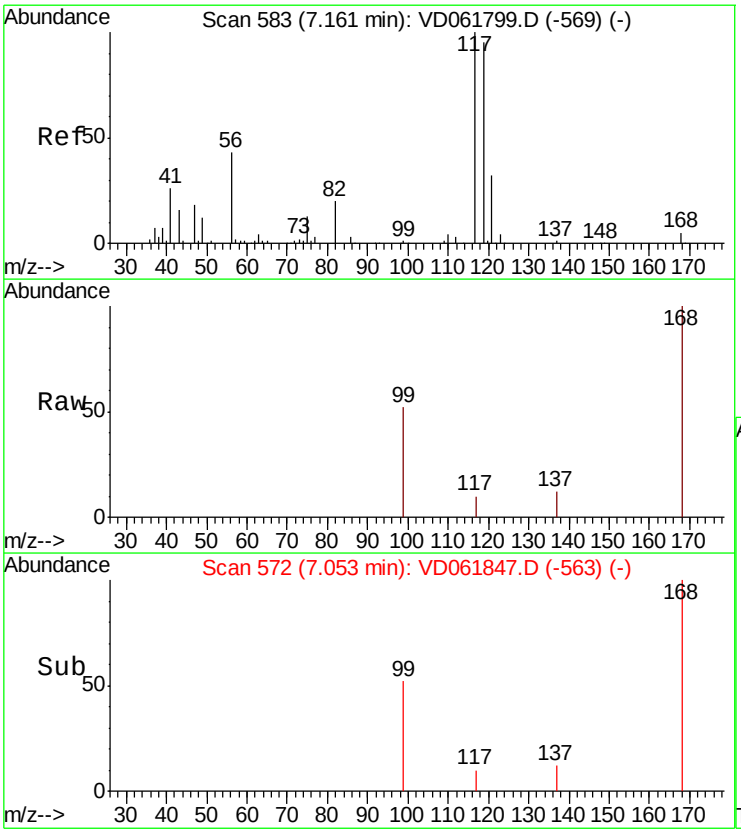
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.91 min Scan# 558
Delta R.T. -0.06 min
Lab File: VD061847.D
Acq: 17 Apr 2019 12:39

Instrument :
MSVOA_D
ClientSampleId :
BCOG01

Tgt Ion:113 Resp: 6587

Ion	Ratio	Lower	Upper
113	100		
111	86.0	78.5	117.7
192	18.0	13.0	19.4

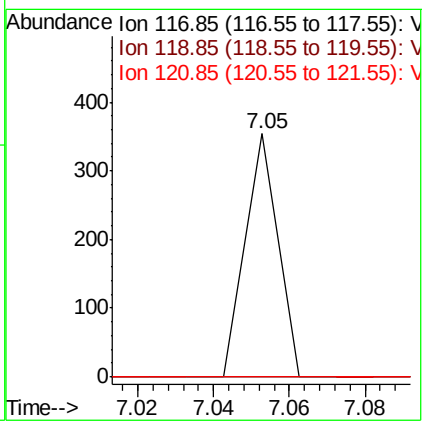


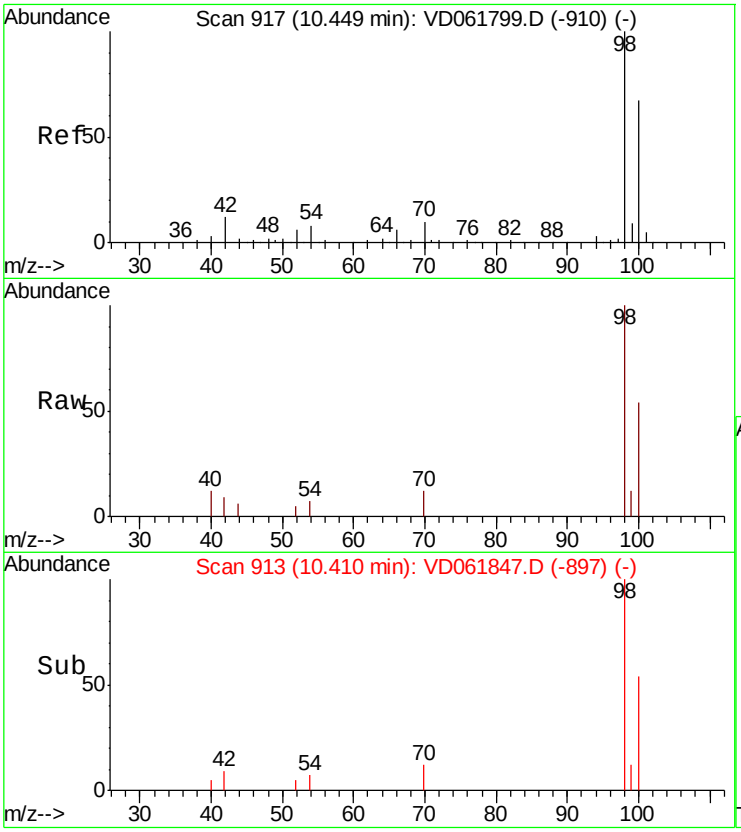


#38
Carbon Tetrachloride
Concen: 1.054 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.11 min
Lab File: VD061847.D
Acq: 17 Apr 2019 12:39

Tgt Ion:117 Resp: 209

Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.8	113.8#
121	0.0	25.9	38.9#



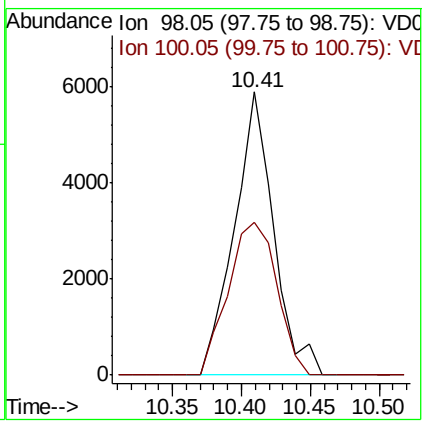


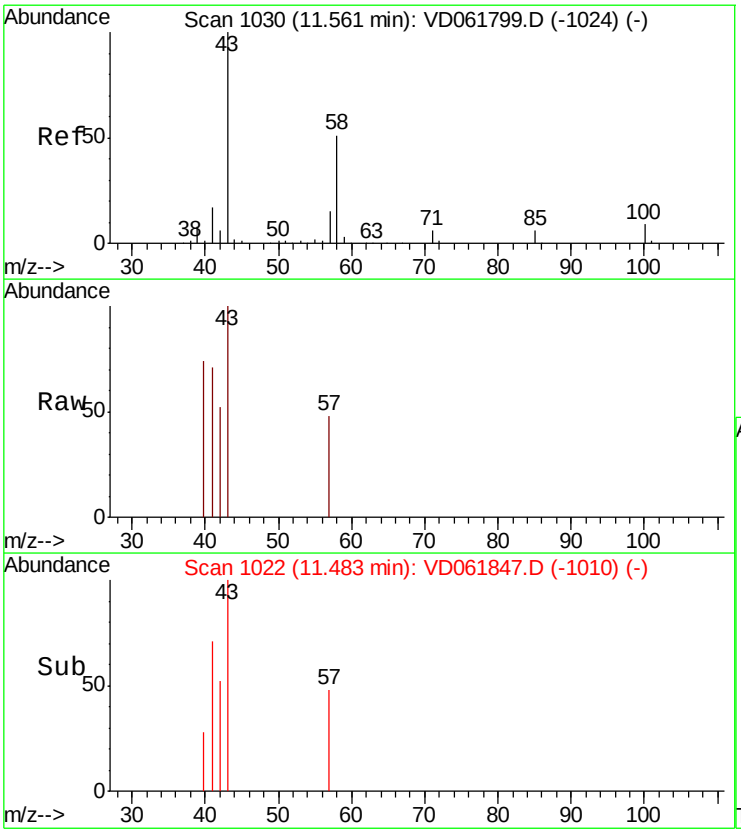
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.04 min
Lab File: VD061847.D
Acq: 17 Apr 2019 12:39

Instrument :
MSVOA_D
ClientSampleId :
BCOG01

Tgt Ion: 98 Resp: 11709

Ion	Ratio	Lower	Upper
98	100		
100	54.1	53.8	80.8

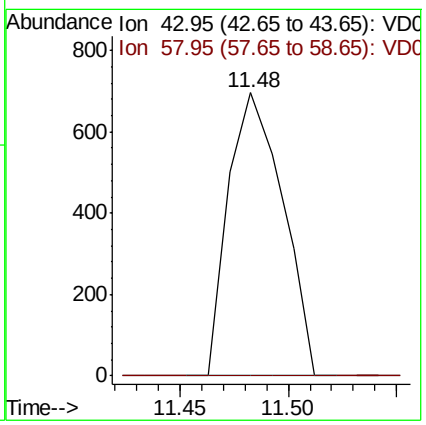


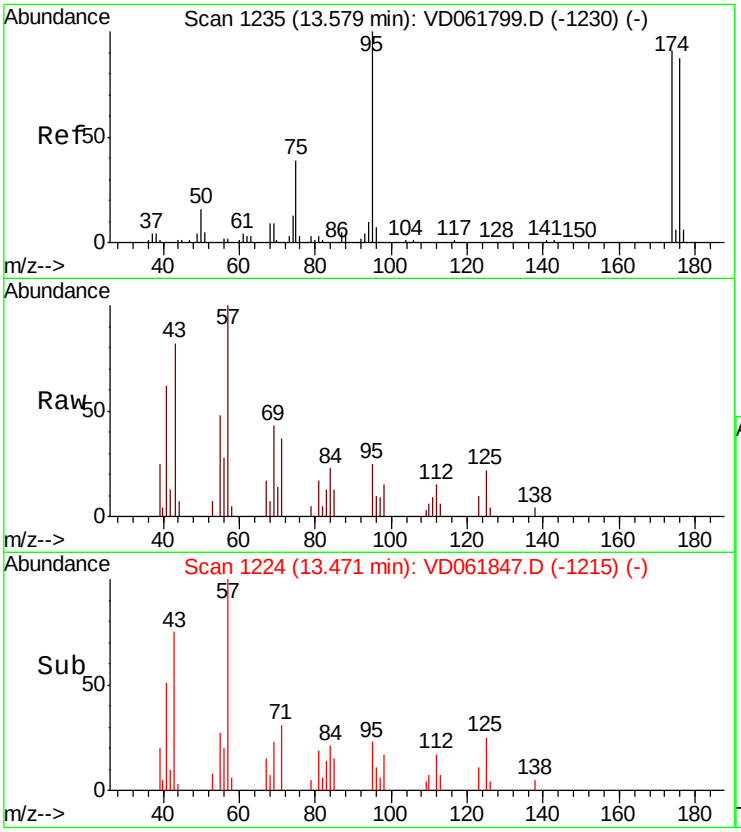


#59
2-Hexanone
Concen: 28.248 ug/l
RT: 11.48 min Scan# 1022
Delta R.T. -0.08 min
Lab File: VD061847.D
Acq: 17 Apr 2019 12:39

Tgt Ion: 43 Resp: 1214

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.4	76.4#



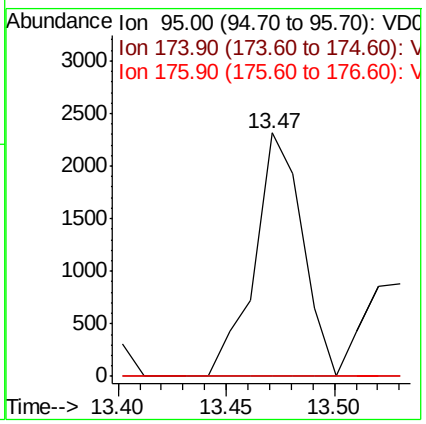


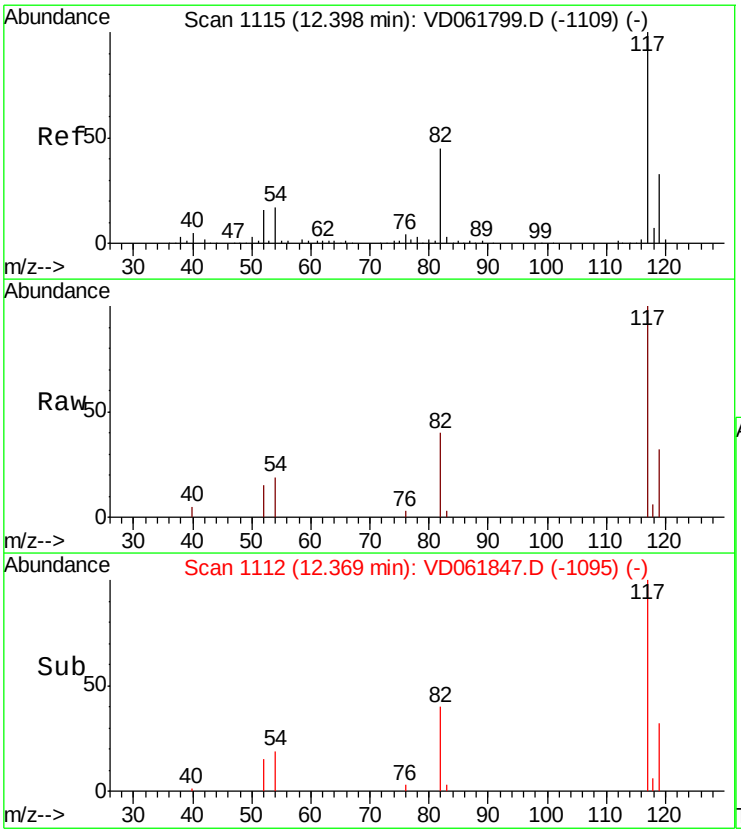
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.47 min Scan# 1224
Delta R.T. -0.11 min
Lab File: VD061847.D
Acq: 17 Apr 2019 12:39

Instrument :
MSVOA_D
ClientSampleId :
BCOG01

Tgt Ion: 95 Resp: 3568

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

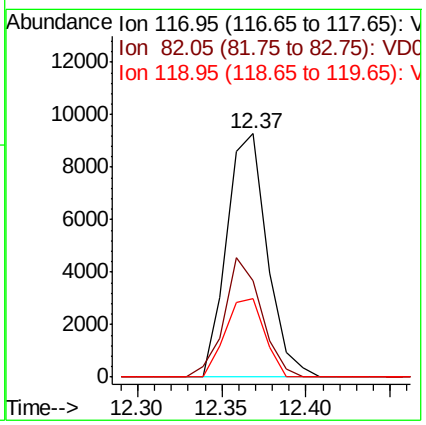


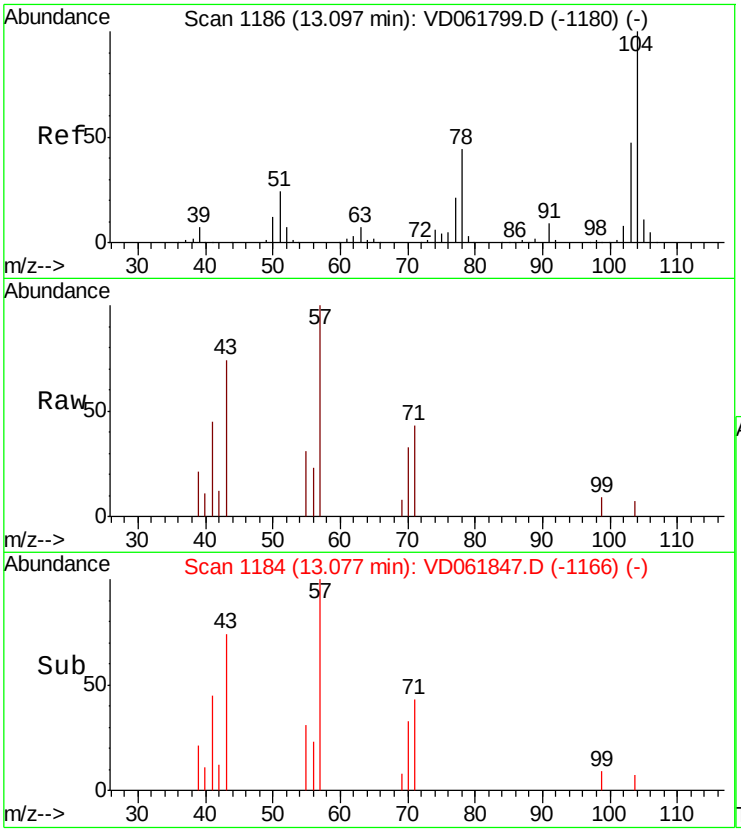


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.03 min
Lab File: VD061847.D
Acq: 17 Apr 2019 12:39

Tgt Ion:117 Resp: 15512

Ion	Ratio	Lower	Upper
117	100		
82	39.6	36.2	54.2
119	32.3	26.2	39.4



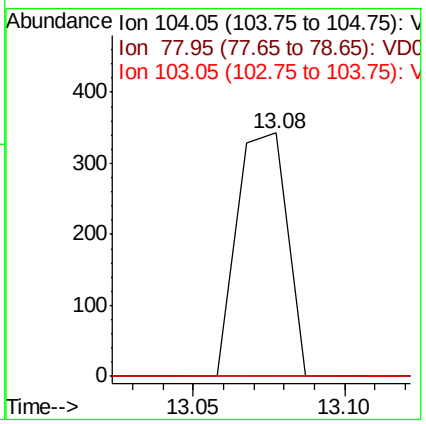


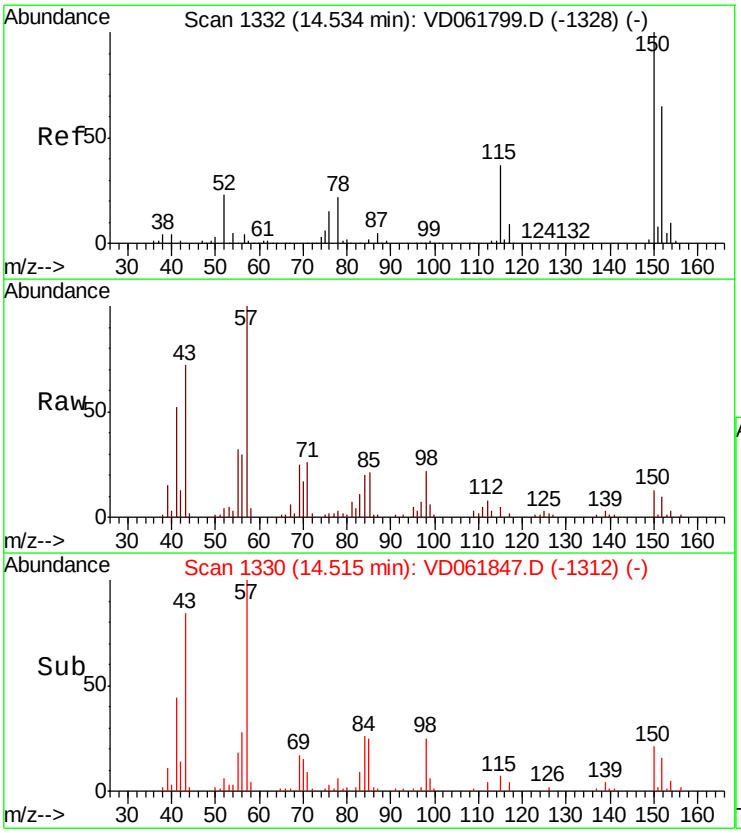
#70
Styrene
Concen: 1.412 ug/l
RT: 13.08 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VD061847.D
Acq: 17 Apr 2019 12:39

Instrument :
MSVOA_D
ClientSampleId :
BCOG01

Tgt Ion:104 Resp: 397

Ion	Ratio	Lower	Upper
104	100		
78	0.0	35.4	53.2#
103	100.0	37.5	56.3#

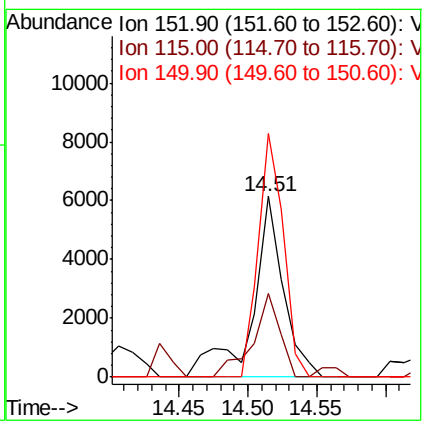


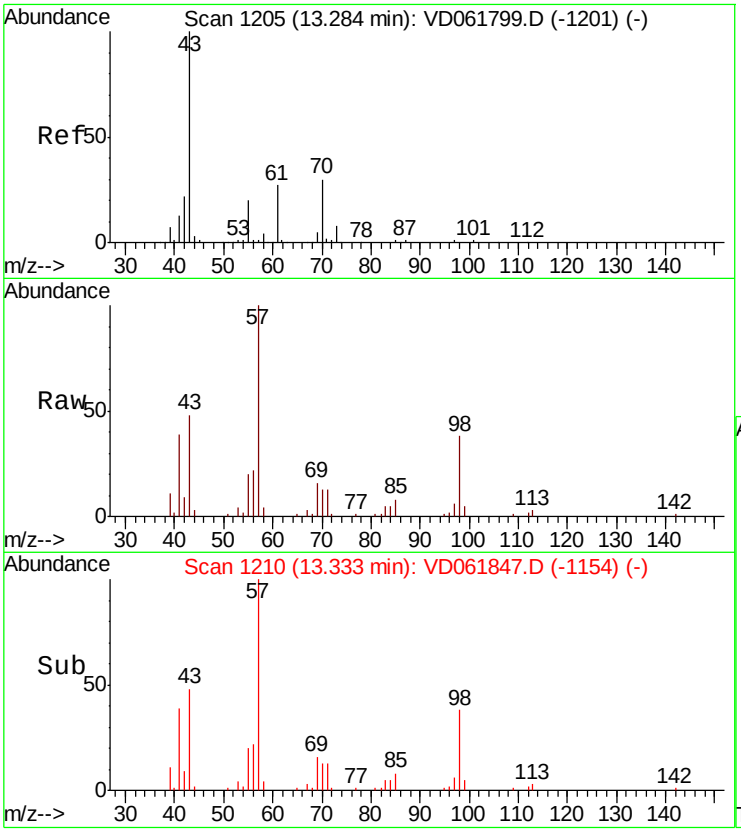


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.02 min
Lab File: VD061847.D
Acq: 17 Apr 2019 12:39

Tgt Ion:152 Resp: 9676

Ion	Ratio	Lower	Upper
152	100		
115	46.2	30.9	92.7
150	134.7	0.0	314.8



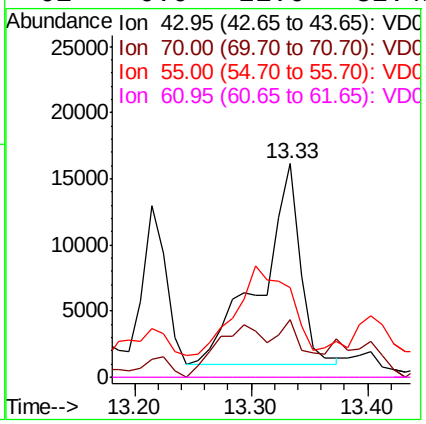


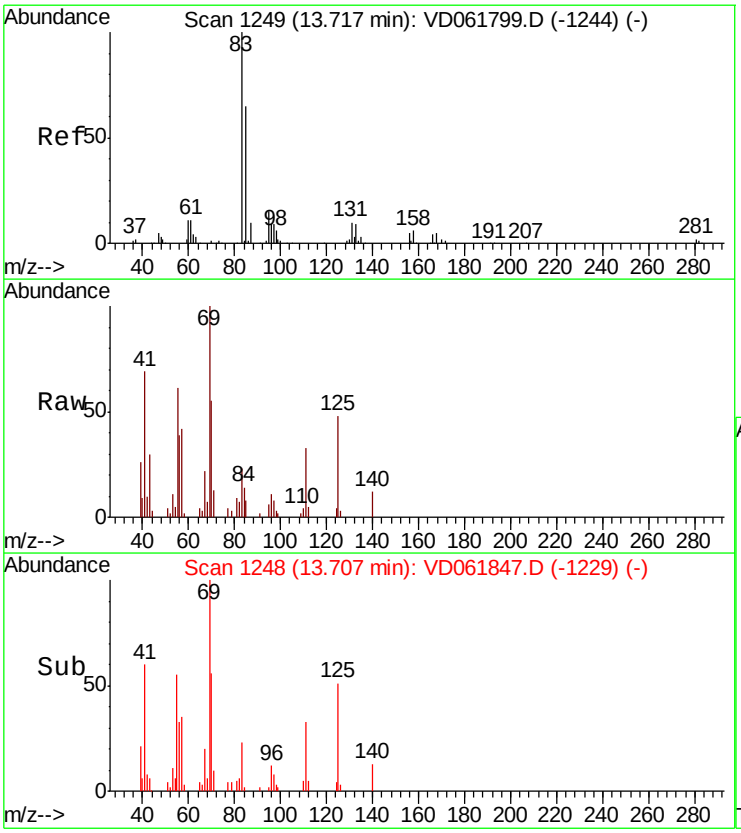
#74
N-amyl acetate
Concen: 210.017 ug/l
RT: 13.33 min Scan# 1210
Delta R.T. 0.05 min
Lab File: VD061847.D
Acq: 17 Apr 2019 12:39

Instrument : MSVOA_D
ClientSampleId : BCOG01

Tgt Ion: 43 Resp: 35439

Ion	Ratio	Lower	Upper
43	100		
70	26.9	24.2	36.4
55	42.0	16.0	24.0#
61	0.0	21.6	32.4#

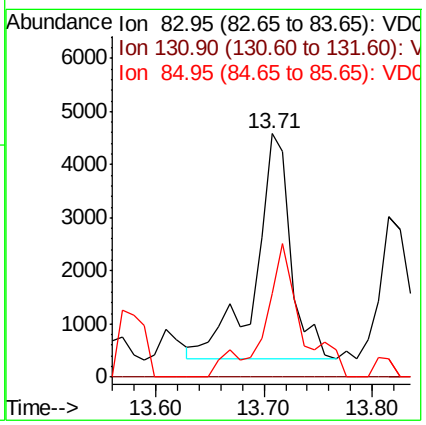


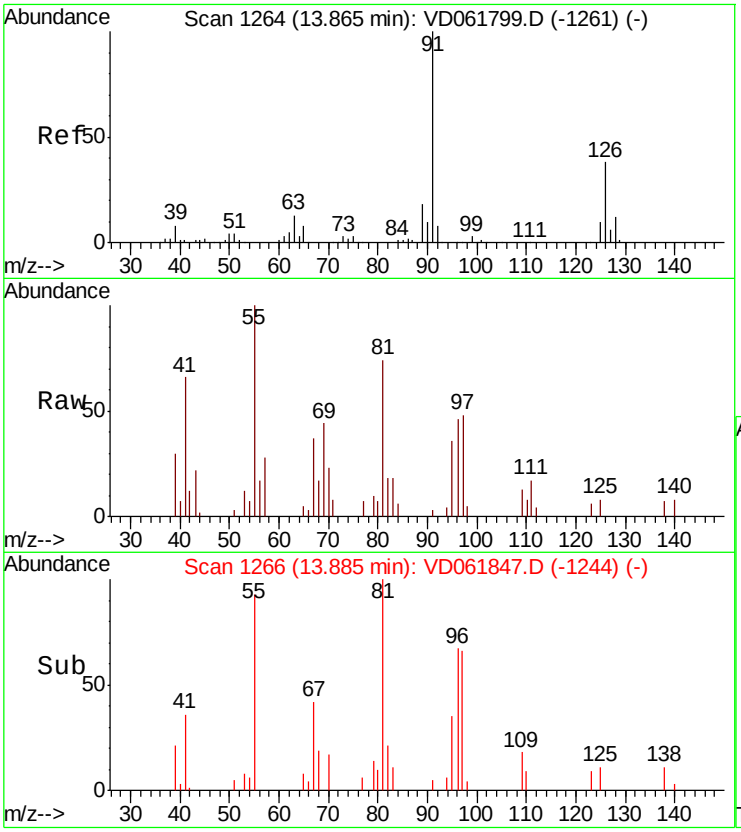


#75
1,1,2,2-Tetrachloroethane
Concen: 77.967 ug/l
RT: 13.71 min Scan# 1248
Delta R.T. -0.01 min
Lab File: VD061847.D
Acq: 17 Apr 2019 12:39

Tgt Ion: 83 Resp: 9671

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	14.9#
85	34.1	32.6	97.7



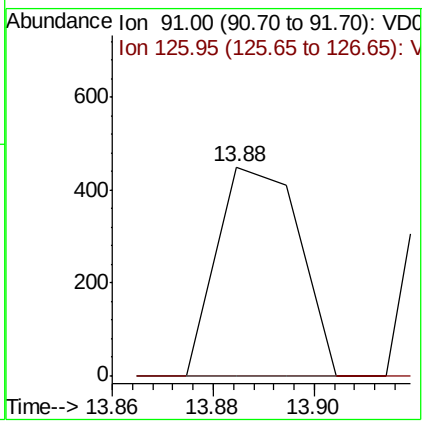


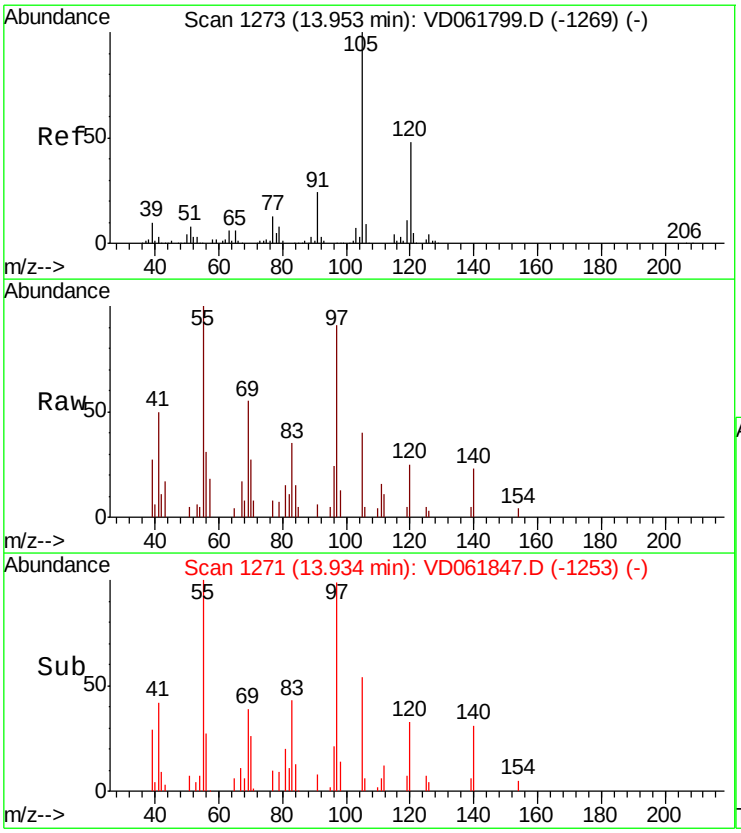
#79
2-Chlorotoluene
Concen: 1.199 ug/l
RT: 13.88 min Scan# 1266
Delta R.T. 0.02 min
Lab File: VD061847.D
Acq: 17 Apr 2019 12:39

Instrument :
MSVOA_D
ClientSampleId :
BCOG01

Tgt Ion: 91 Resp: 508

Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.6	55.8#

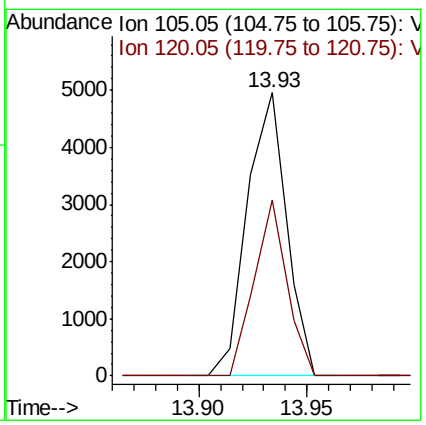


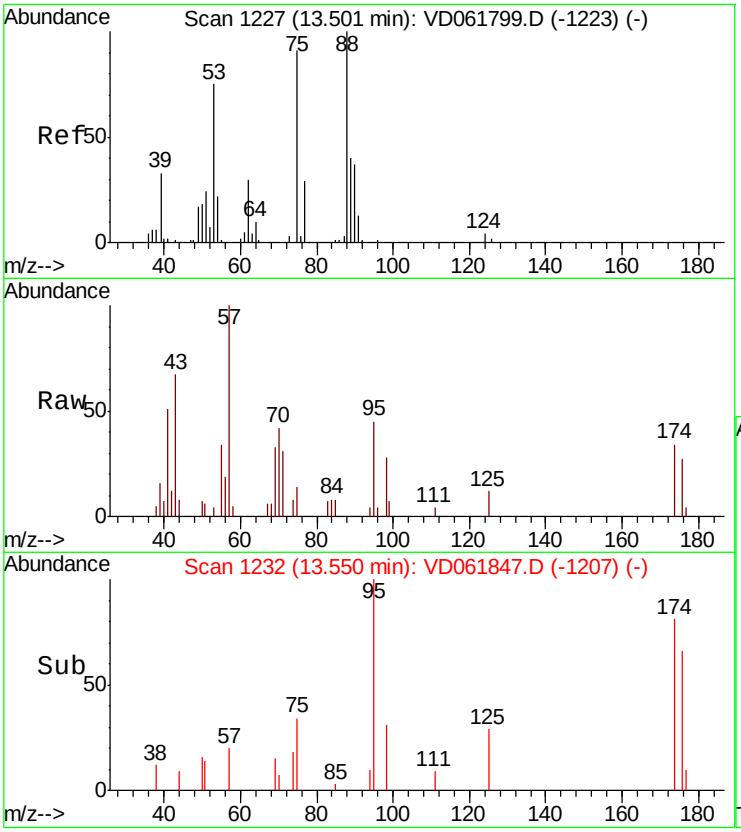


#80
1,3,5-Trimethylbenzene
Concen: 12.510 ug/l
RT: 13.93 min Scan# 1271
Delta R.T. -0.02 min
Lab File: VD061847.D
Acq: 17 Apr 2019 12:39

Tgt Ion:105 Resp: 6229

Ion	Ratio	Lower	Upper
105	100		
120	62.1	24.0	72.0



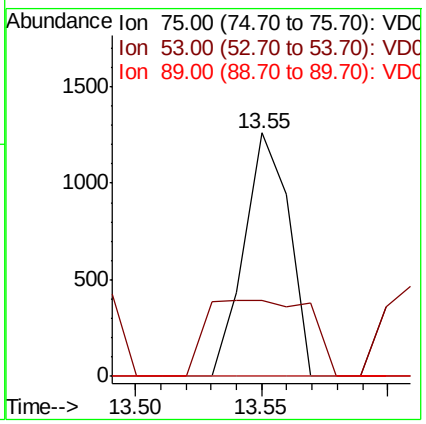


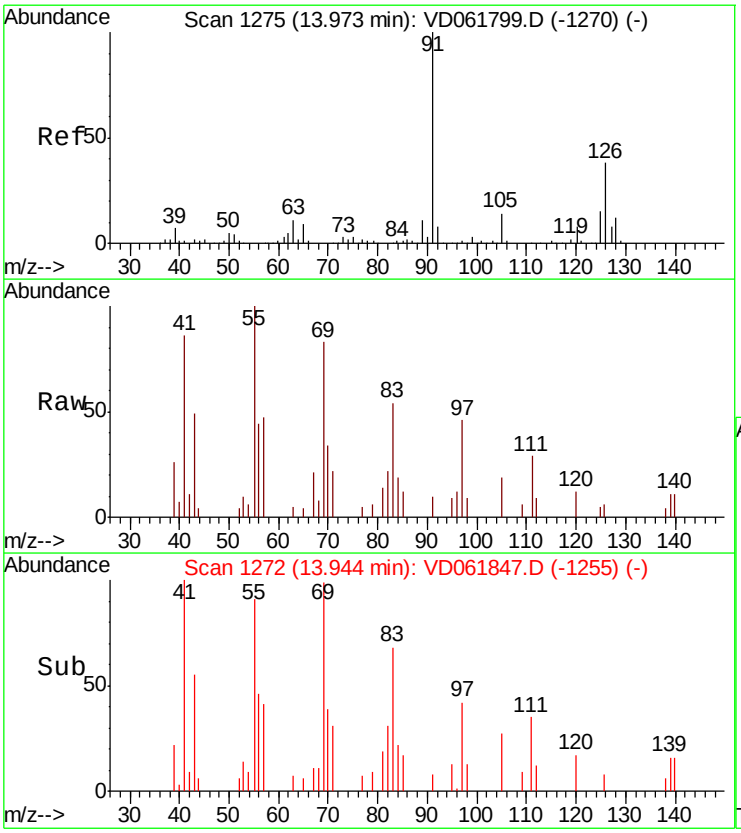
#81
trans-1,4-Dichloro-2-butene
Concen: 38.591 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.05 min
Lab File: VD061847.D
Acq: 17 Apr 2019 12:39

Instrument :
MSVOA_D
ClientSampleId :
BCOG01

Tgt Ion: 75 Resp: 1556

Ion	Ratio	Lower	Upper
75	100		
53	31.1	65.8	98.8#
89	0.0	35.0	52.6#

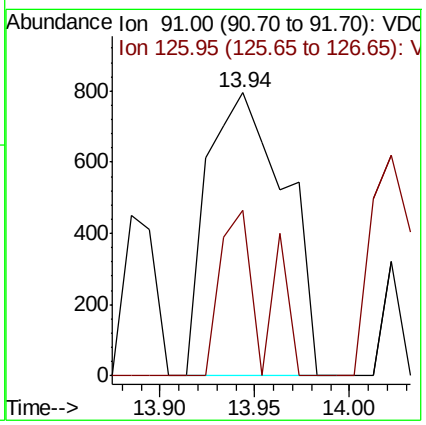


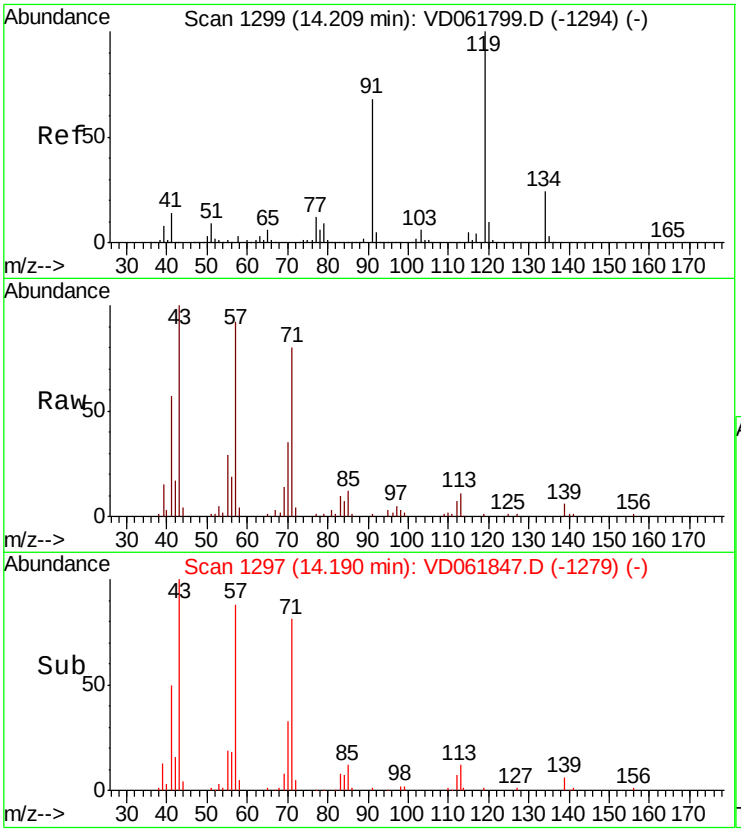


#82
4-Chlorotoluene
Concen: 4.670 ug/l
RT: 13.94 min Scan# 1272
Delta R.T. -0.03 min
Lab File: VD061847.D
Acq: 17 Apr 2019 12:39

Tgt Ion: 91 Resp: 2264

Ion	Ratio	Lower	Upper
91	100		
126	58.4	19.1	57.5#



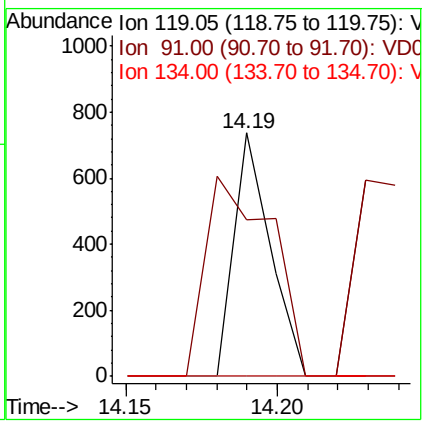


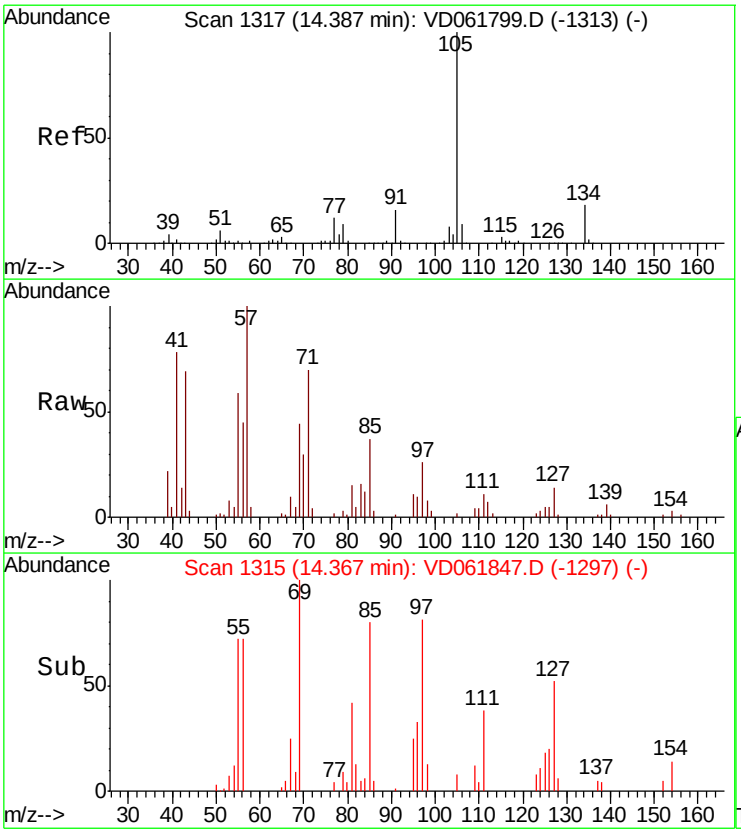
#83
tert-Butylbenzene
Concen: 1.057 ug/l
RT: 14.19 min Scan# 1297
Delta R.T. -0.02 min
Lab File: VD061847.D
Acq: 17 Apr 2019 12:39

Instrument :
MSVOA_D
ClientSampleId :
BCOG01

Tgt Ion:119 Resp: 618

Ion	Ratio	Lower	Upper
119	100		
91	64.2	34.2	102.6
134	0.0	12.0	36.0#

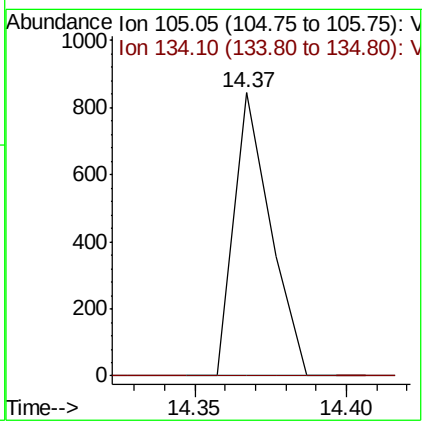


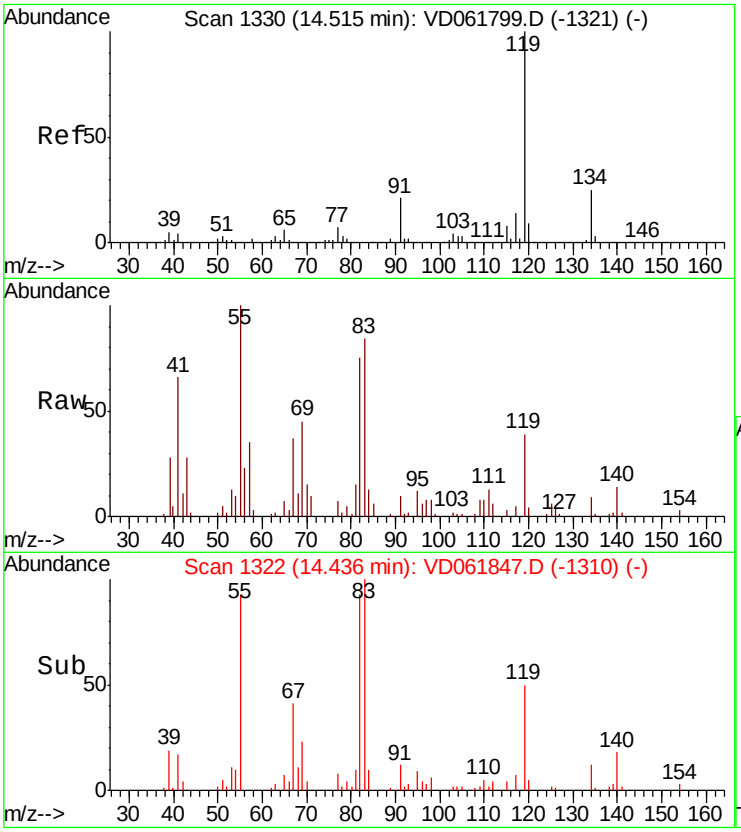


#85
sec-Butylbenzene
Concen: 1.171 ug/l
RT: 14.37 min Scan# 1315
Delta R.T. -0.02 min
Lab File: VD061847.D
Acq: 17 Apr 2019 12:39

Tgt Ion:105 Resp: 708

Ion	Ratio	Lower	Upper
105	100		
134	0.0	8.9	26.7#



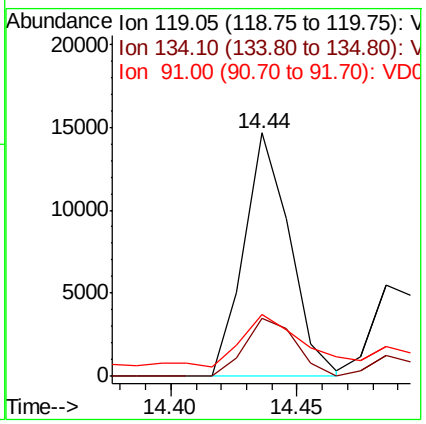


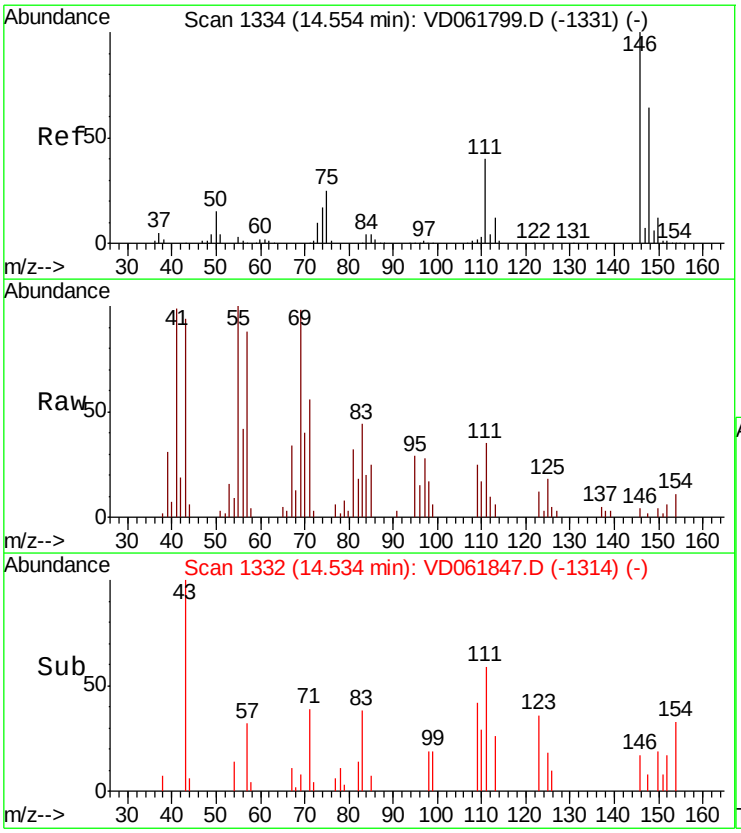
#86
p-Isopropyltoluene
Concen: 32.853 ug/l
RT: 14.44 min Scan# 1322
Delta R.T. -0.08 min
Lab File: VD061847.D
Acq: 17 Apr 2019 12:39

Instrument :
MSVOA_D
ClientSampleId :
BCOG01

Tgt Ion:119 Resp: 18578

Ion	Ratio	Lower	Upper
119	100		
134	23.6	12.8	38.3
91	25.3	10.7	32.1

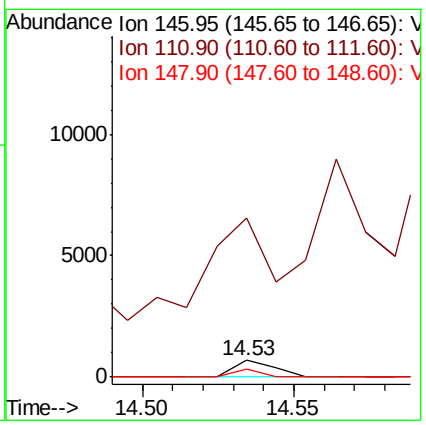


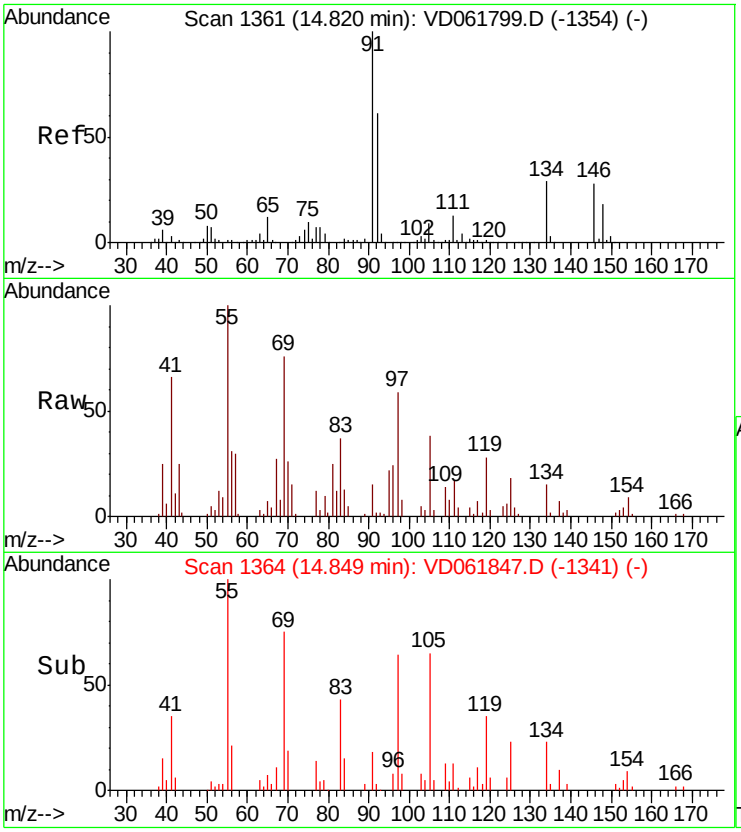


#88
1,4-Dichlorobenzene
Concen: 2.064 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. -0.02 min
Lab File: VD061847.D
Acq: 17 Apr 2019 12:39

Tgt Ion:146 Resp: 635

Ion	Ratio	Lower	Upper
146	100		
111	960.2	20.2	60.5#
148	45.8	32.0	96.2



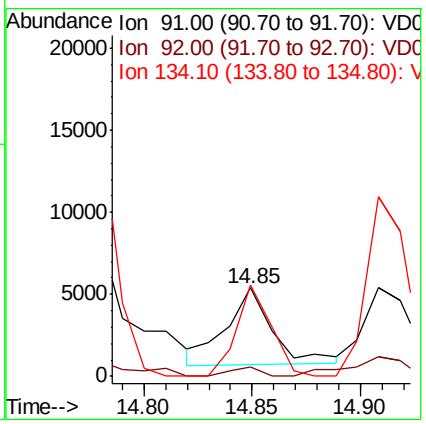


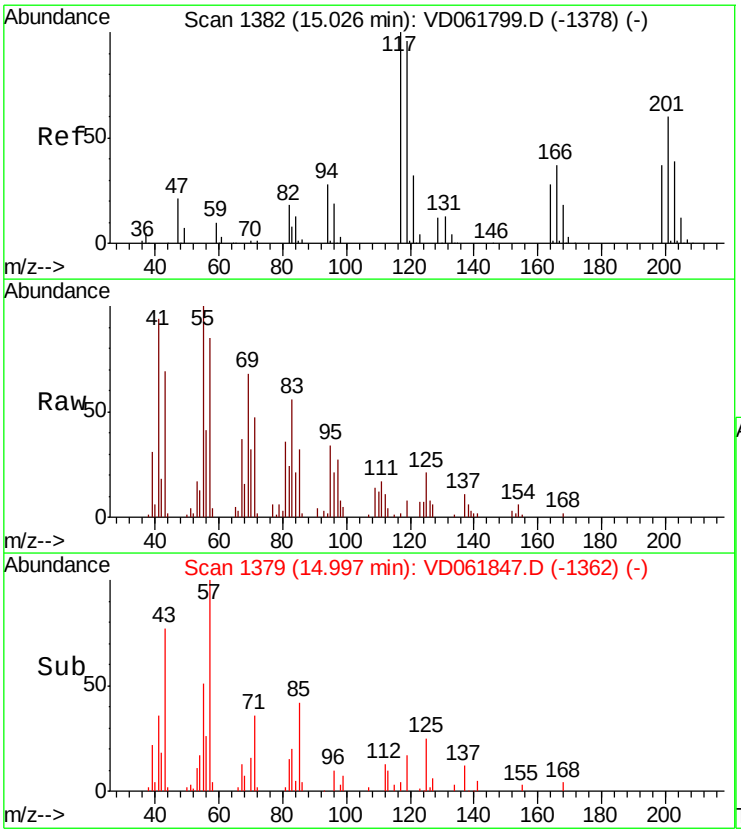
#89
n-Butylbenzene
Concen: 13.741 ug/l
RT: 14.85 min Scan# 1364
Delta R.T. 0.03 min
Lab File: VD061847.D
Acq: 17 Apr 2019 12:39

Instrument : MSVOA_D
ClientSampleId : BCOG01

Tgt Ion: 91 Resp: 6878

Ion	Ratio	Lower	Upper
91	100		
92	10.2	30.3	91.0#
134	103.7	14.5	43.6#

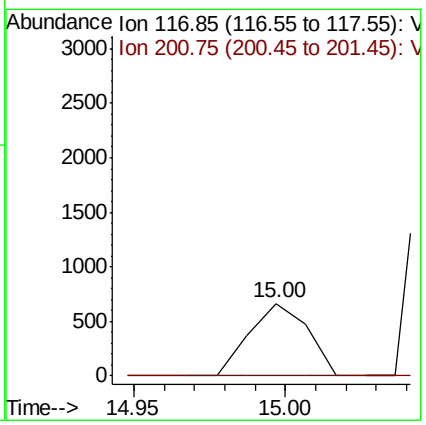


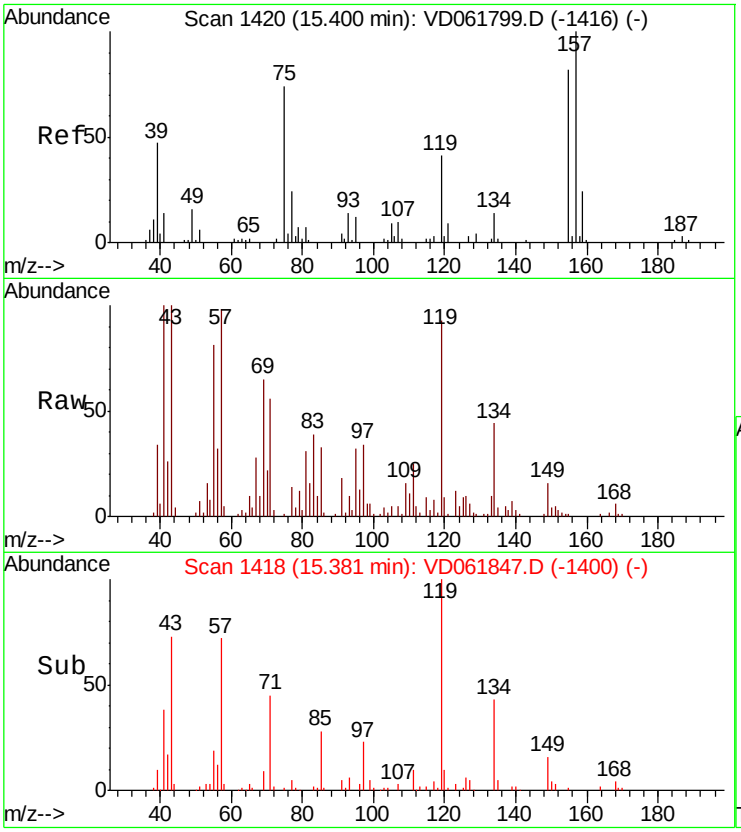


#90
Hexachloroethane
Concen: 5.794 ug/l
RT: 15.00 min Scan# 1379
Delta R.T. -0.03 min
Lab File: VD061847.D
Acq: 17 Apr 2019 12:39

Tgt Ion:117 Resp: 893

Ion	Ratio	Lower	Upper
117	100		
201	0.0	30.2	90.6#



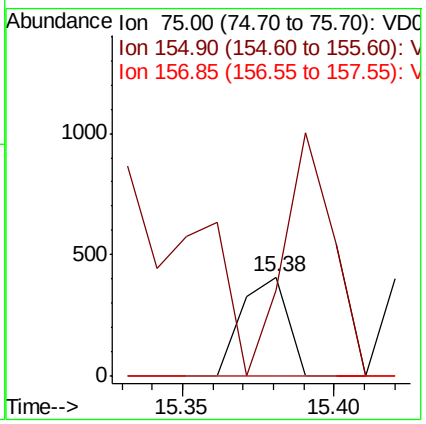


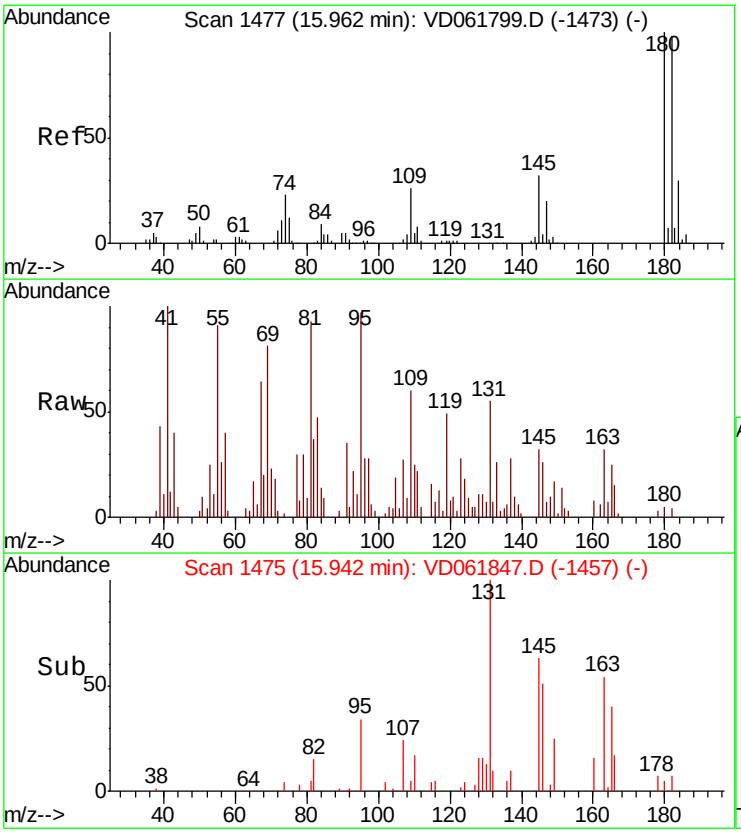
#92
1,2-Dibromo-3-Chloropropane
Concen: 28.203 ug/l
RT: 15.38 min Scan# 1418
Delta R.T. -0.02 min
Lab File: VD061847.D
Acq: 17 Apr 2019 12:39

Instrument :
MSVOA_D
ClientSampleId :
BCOG01

Tgt Ion: 75 Resp: 435

Ion	Ratio	Lower	Upper
75	100		
155	87.0	55.3	165.8
157	0.0	67.8	203.2#

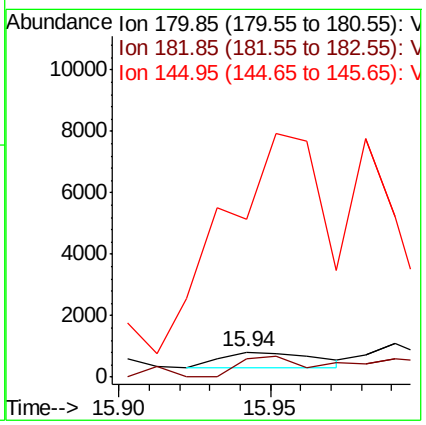


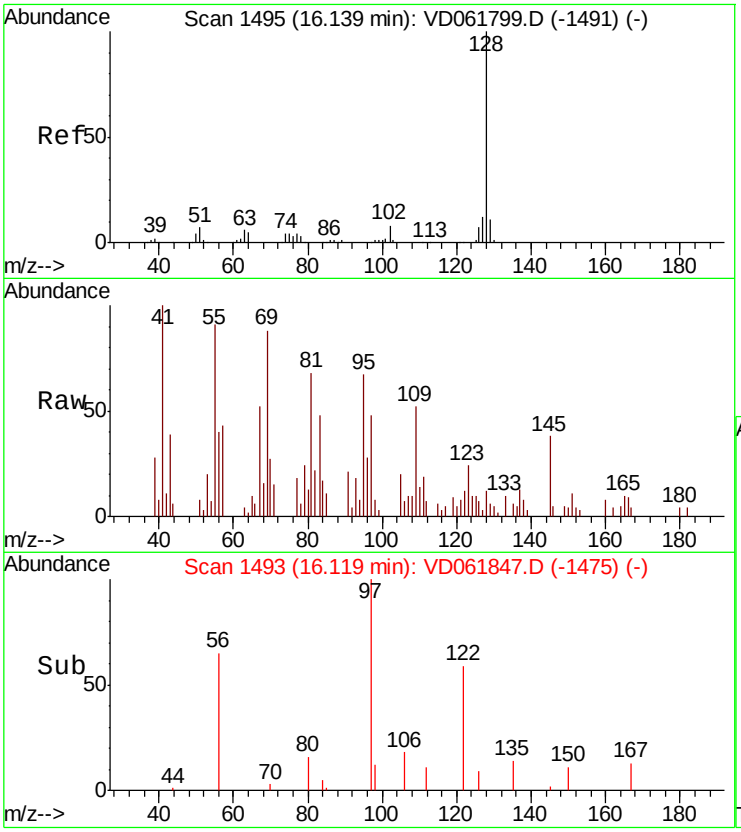


#93
1,2,4-Trichlorobenzene
Concen: 7.613 ug/l
RT: 15.94 min Scan# 1475
Delta R.T. -0.02 min
Lab File: VD061847.D
Acq: 17 Apr 2019 12:39

Tgt Ion:180 Resp: 1090

Ion	Ratio	Lower	Upper
180	100		
182	73.0	49.3	147.8
145	629.2	16.2	48.6#



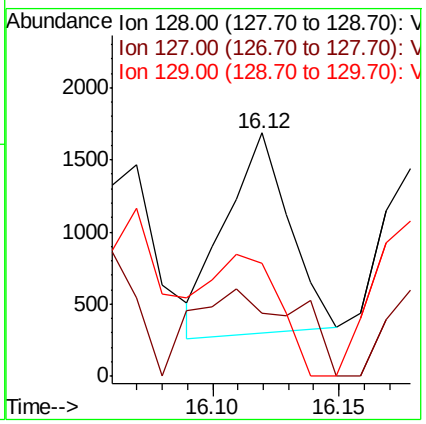


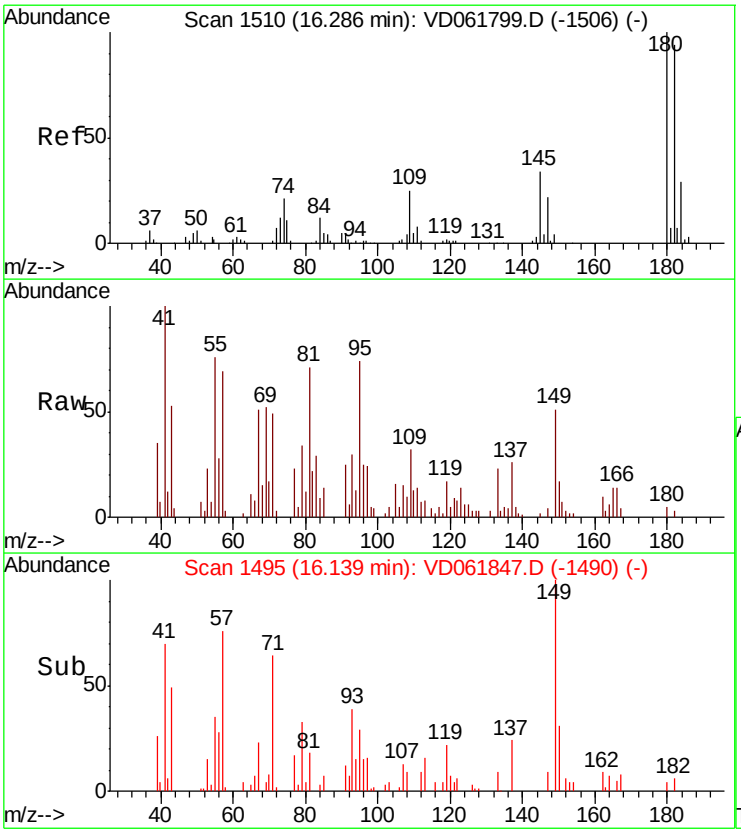
#95
Naphthalene
Concen: 11.087 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. -0.02 min
Lab File: VD061847.D
Acq: 17 Apr 2019 12:39

Instrument :
MSVOA_D
ClientSampleId :
BCOG01

Tgt Ion:128 Resp: 2433

Ion	Ratio	Lower	Upper
128	100		
127	26.0	9.8	14.8#
129	46.6	8.8	13.2#





#96
1,2,3-Trichlorobenzene
Concen: 12.429 ug/l
RT: 16.14 min Scan# 1495
Delta R.T. -0.15 min
Lab File: VD061847.D
Acq: 17 Apr 2019 12:39

Tgt Ion:180 Resp: 1014

Ion	Ratio	Lower	Upper
180	100		
182	61.7	47.0	141.0
145	34.3	17.0	51.0