Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041619\
Data File : VD061813.D
Acq On : 16 Apr 2019 16:07
Operator : VA/AP
Sample : K2358-02
Misc : 5.38g/5ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-5-S2

Quant Time: Apr 16 16:30:45 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	7.06	168	3983	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.23	114	12394	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.37	117	13918	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	6814	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	6358	190.47	ug/l	-0.04
Spiked Amount 50.000			Recovery = 380.94%			
35) Dibromofluoromethane	6.94	113	6450	68.88	ug/l	-0.04
Spiked Amount 50.000			Recovery = 137.76%			
50) Toluene-d8	10.42	98	13024	58.70	ug/l	-0.03
Spiked Amount 50.000			Recovery = 117.40%			
62) 4-Bromofluorobenzene	13.56	95	6638	73.82	ug/l	-0.02
Spiked Amount 50.000			Recovery = 147.64%			
Target Compounds						Qvalue
5) Bromomethane	2.16	94	246	34.616	ug/l #	12
10) Methyl Iodide	3.38	142	615	11.569	ug/l #	37
16) Acetone	3.22	43	2241	272.388	ug/l #	50
20) Methylene Chloride	3.84	84	1722	41.311	ug/l #	75
52) Toluene	10.52	92	631	4.050	ug/l	90
74) N-amyl acetate	13.31	43	182	1.532	ug/l #	49
79) 2-Chlorotoluene	13.95	91	397	1.331	ug/l #	38
81) trans-1,4-Dichloro-2-buten	13.56	75	1826	62.095	ug/l #	16
82) 4-Chlorotoluene	13.95	91	397	1.163	ug/l #	37
88) 1,4-Dichlorobenzene	14.54	146	667	3.079	ug/l #	69
91) 1,2-Dichlorobenzene	14.81	146	200	1.090	ug/l #	25
95) Naphthalene	16.13	128	402	2.601	ug/l #	70

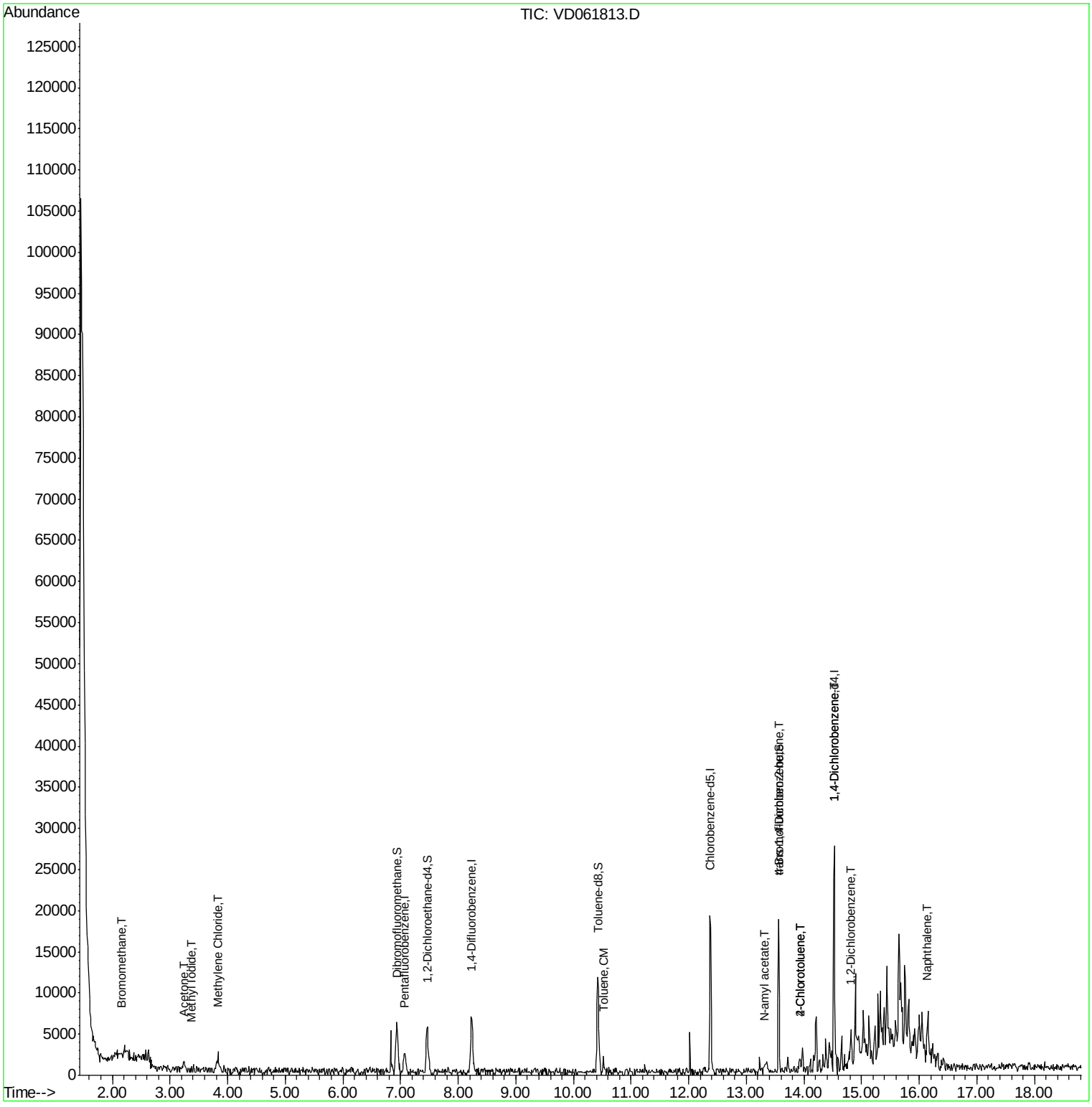
(#) = qualifier out of range (m) = manual integration (+) = signals summed

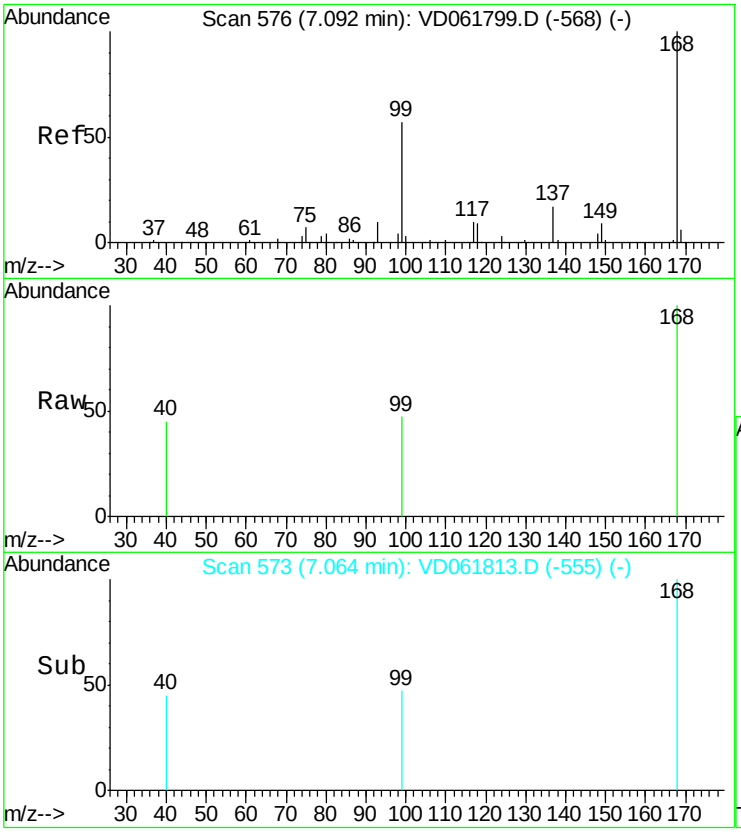
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041619\
Data File : VD061813.D
Acq On : 16 Apr 2019 16:07
Operator : VA/AP
Sample : K2358-02
Misc : 5.38g/5ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-5-S2

Quant Time: Apr 16 16:30:45 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



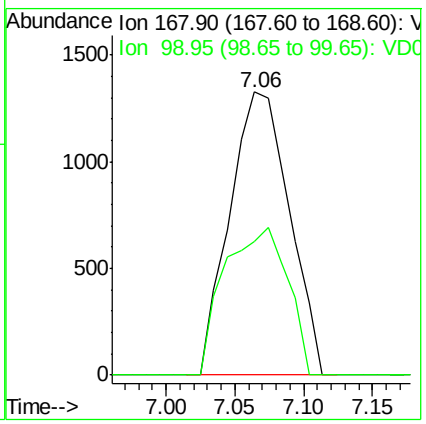


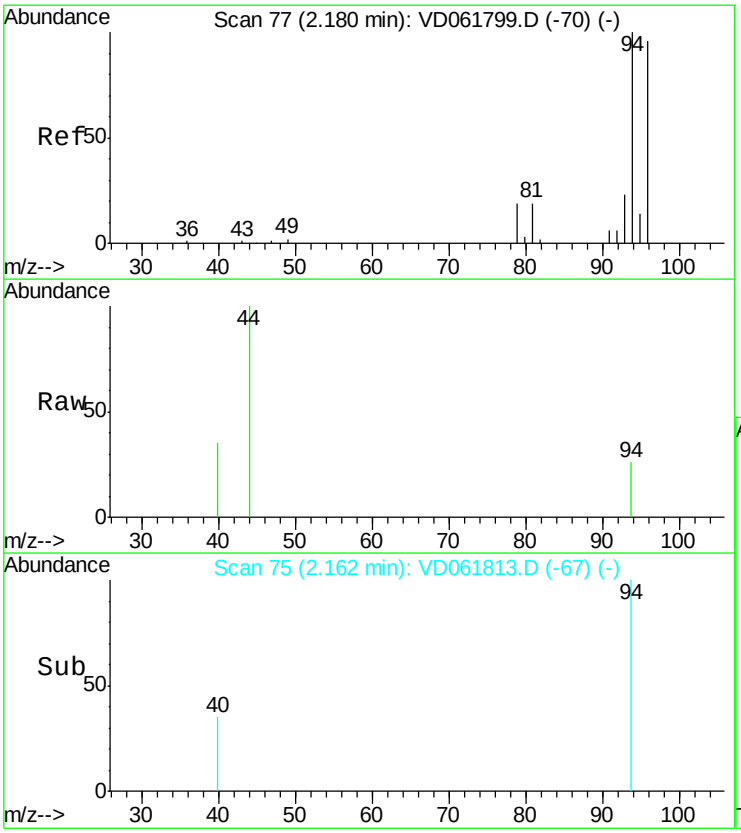
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 573
Delta R.T. -0.03 min
Lab File: VD061813.D
Acq: 16 Apr 2019 16:07

Instrument :
MSVOA_D
ClientSampleId :
TP-5-S2

Tgt Ion:168 Resp: 3983

Ion	Ratio	Lower	Upper
168	100		
99	47.2	46.5	69.7

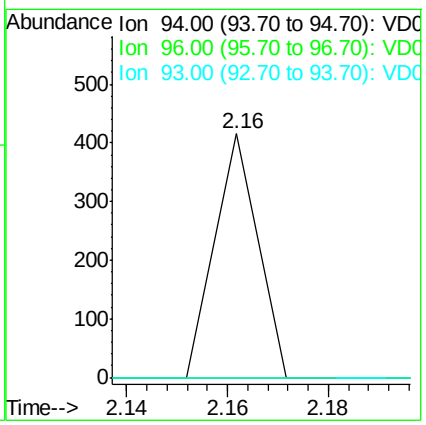


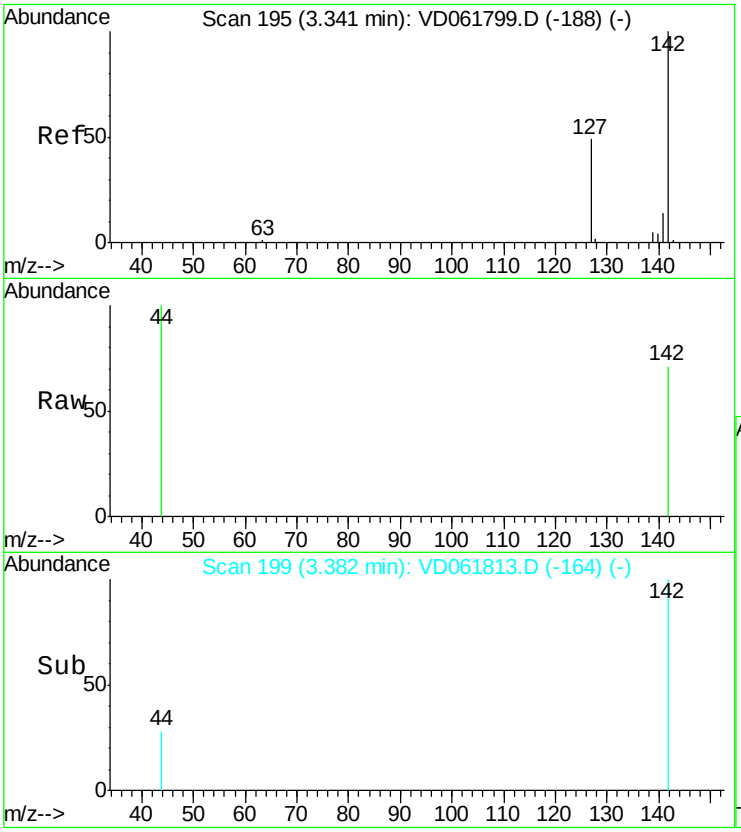


#5
Bromomethane
Concen: 34.616 ug/l
RT: 2.16 min Scan# 75
Delta R.T. -0.02 min
Lab File: VD061813.D
Acq: 16 Apr 2019 16:07

Tgt Ion: 94 Resp: 246

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



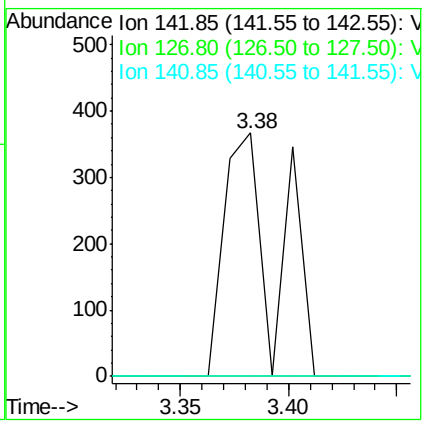


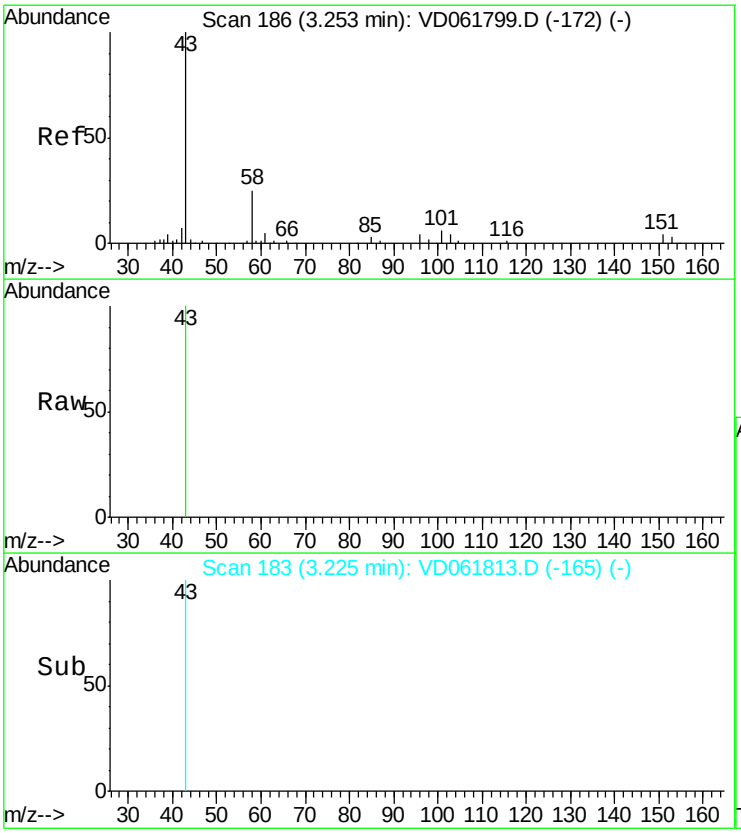
#10
Methyl Iodide
Concen: 11.569 ug/l
RT: 3.38 min Scan# 199
Delta R.T. 0.04 min
Lab File: VD061813.D
Acq: 16 Apr 2019 16:07

Instrument : MSVOA_D
ClientSampleId : TP-5-S2

Tgt Ion:142 Resp: 615

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

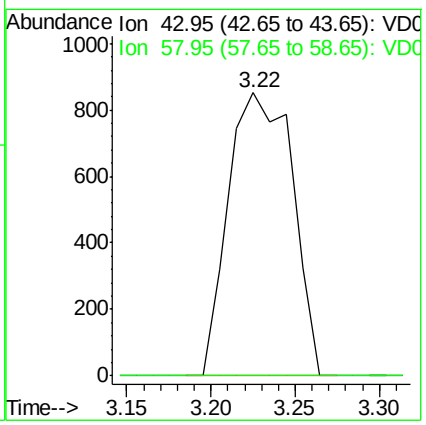


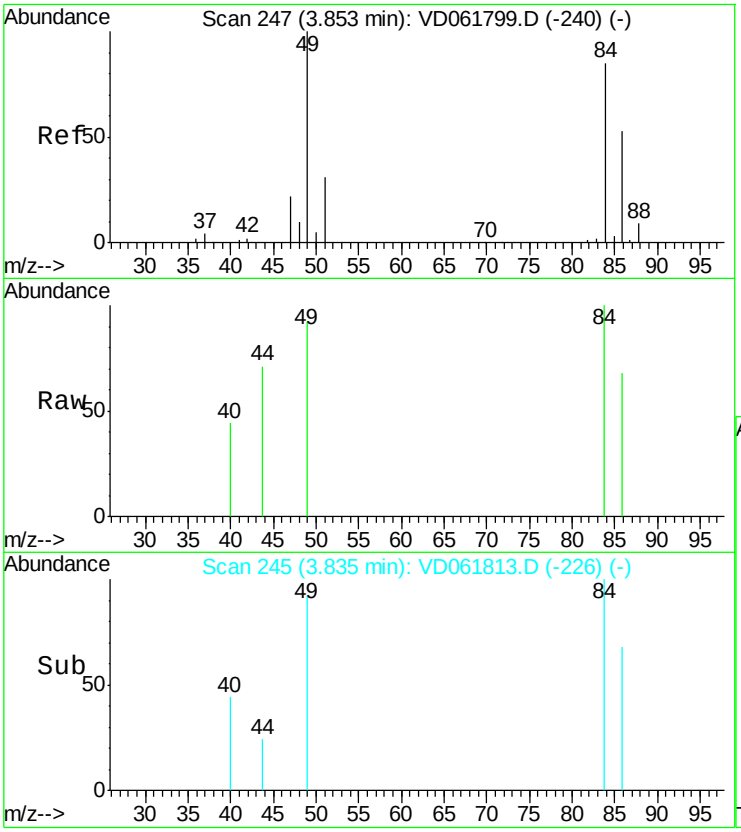


#16
Acetone
Concen: 272.388 ug/l
RT: 3.22 min Scan# 183
Delta R.T. -0.03 min
Lab File: VD061813.D
Acq: 16 Apr 2019 16:07

Tgt Ion: 43 Resp: 2241

Ion	Ratio	Lower	Upper
43	100		
58	0.0	19.9	29.9#



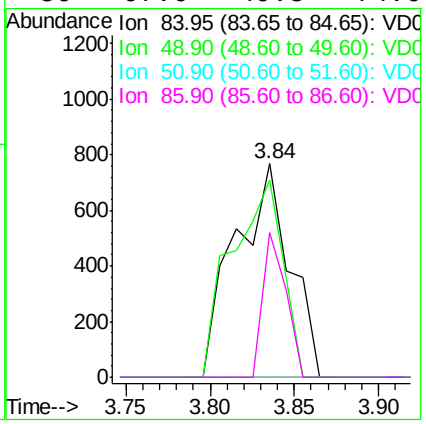


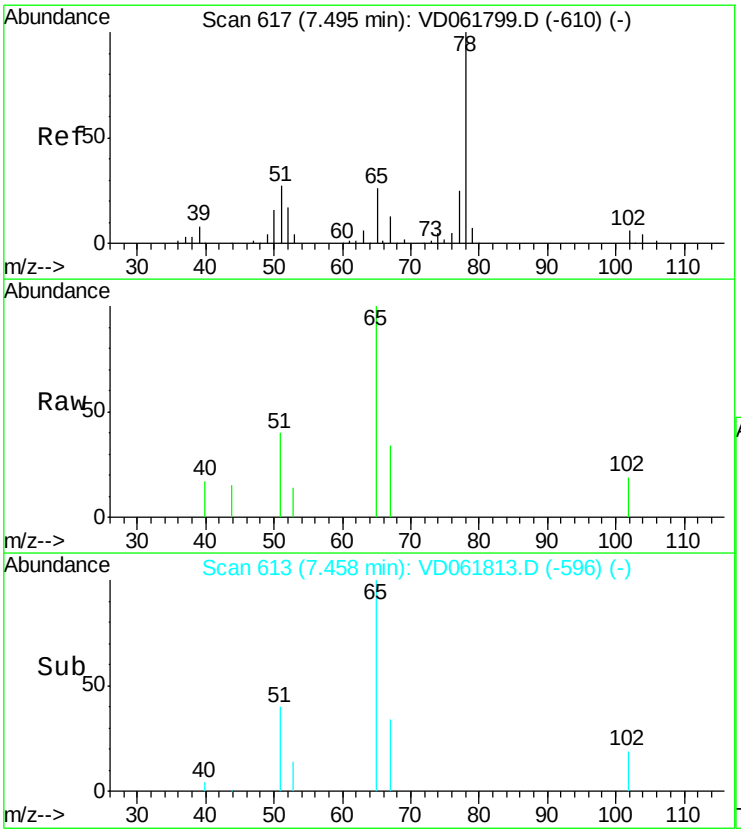
#20
Methylene Chloride
Concen: 41.311 ug/l
RT: 3.84 min Scan# 245
Delta R.T. -0.02 min
Lab File: VD061813.D
Acq: 16 Apr 2019 16:07

Instrument : MSVOA_D
ClientSampleId : TP-5-S2

Tgt Ion: 84 Resp: 1722

Ion	Ratio	Lower	Upper
84	100		
49	92.1	94.0	141.0#
51	0.0	29.0	43.4#
86	67.6	49.8	74.6

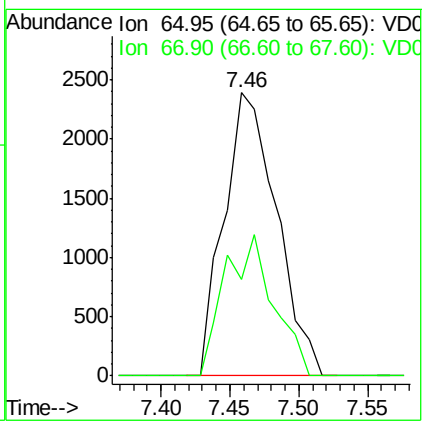


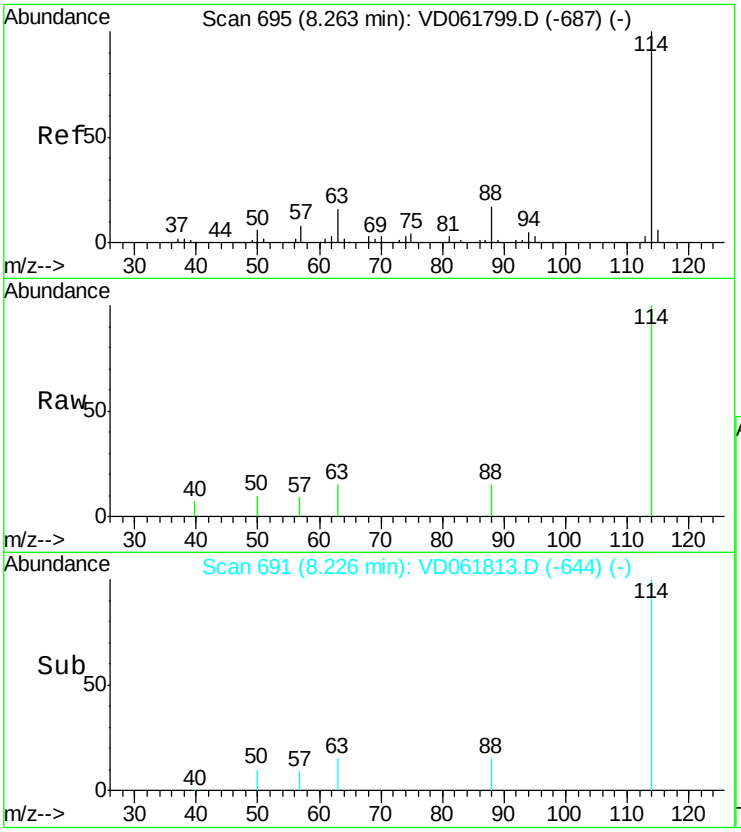


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.04 min
Lab File: VD061813.D
Acq: 16 Apr 2019 16:07

Tgt Ion: 65 Resp: 6358

Ion	Ratio	Lower	Upper
65	100		
67	33.9	0.0	98.0



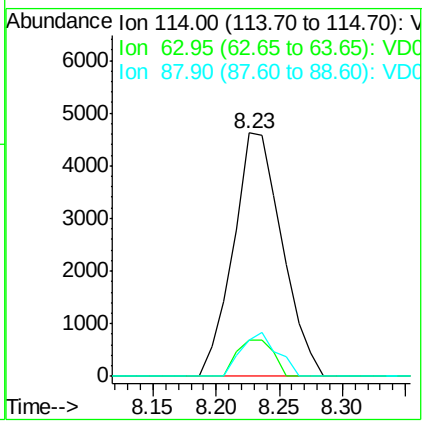


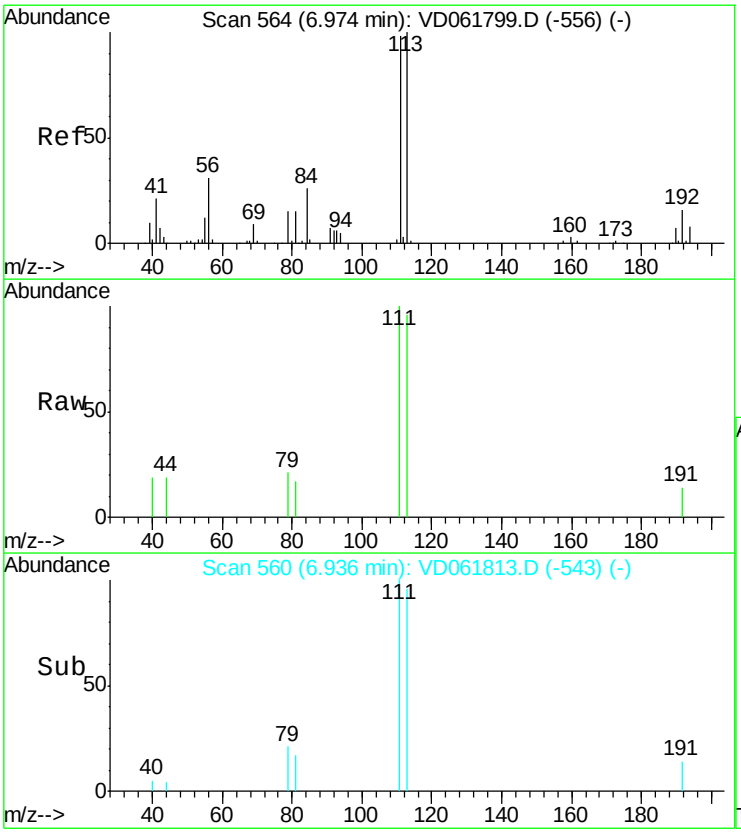
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 691
Delta R.T. -0.04 min
Lab File: VD061813.D
Acq: 16 Apr 2019 16:07

Instrument :
MSVOA_D
ClientSampleId :
TP-5-S2

Tgt Ion:114 Resp: 12394

Ion	Ratio	Lower	Upper
114	100		
63	14.7	0.0	32.4
88	15.1	0.0	33.6

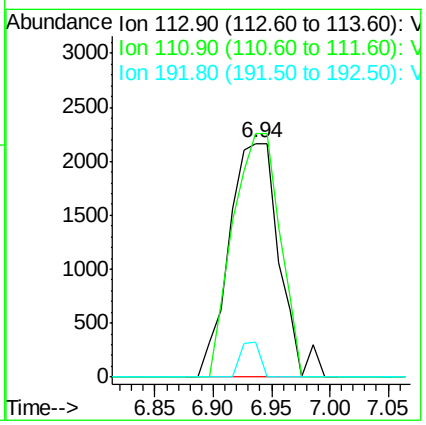


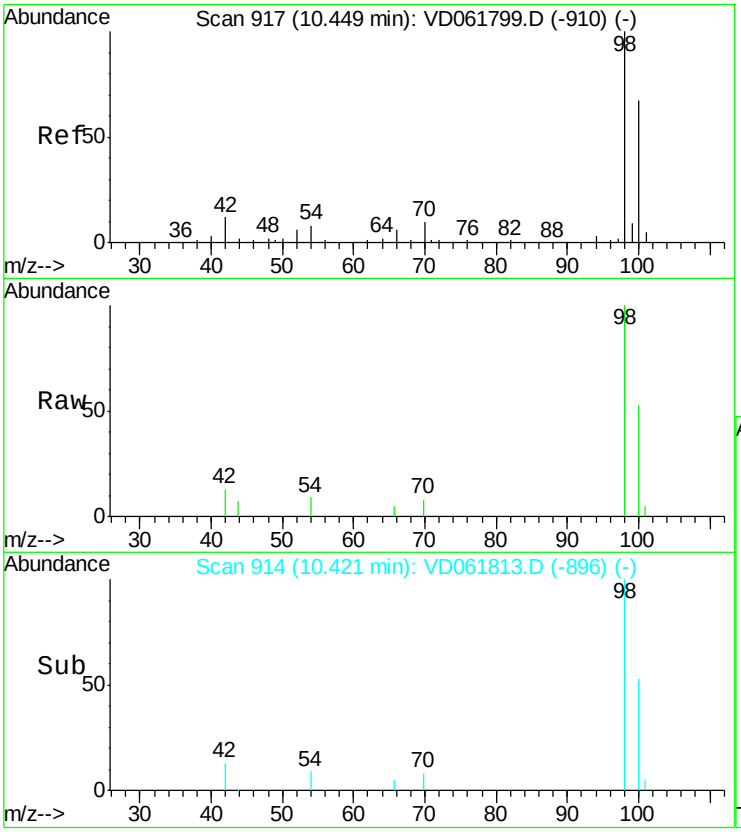


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.94 min Scan# 560
Delta R.T. -0.04 min
Lab File: VD061813.D
Acq: 16 Apr 2019 16:07

Tgt Ion:113 Resp: 6450

Ion	Ratio	Lower	Upper
113	100		
111	104.2	78.5	117.7
192	15.1	13.0	19.4



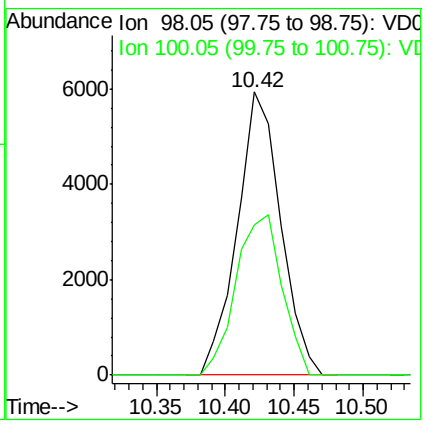


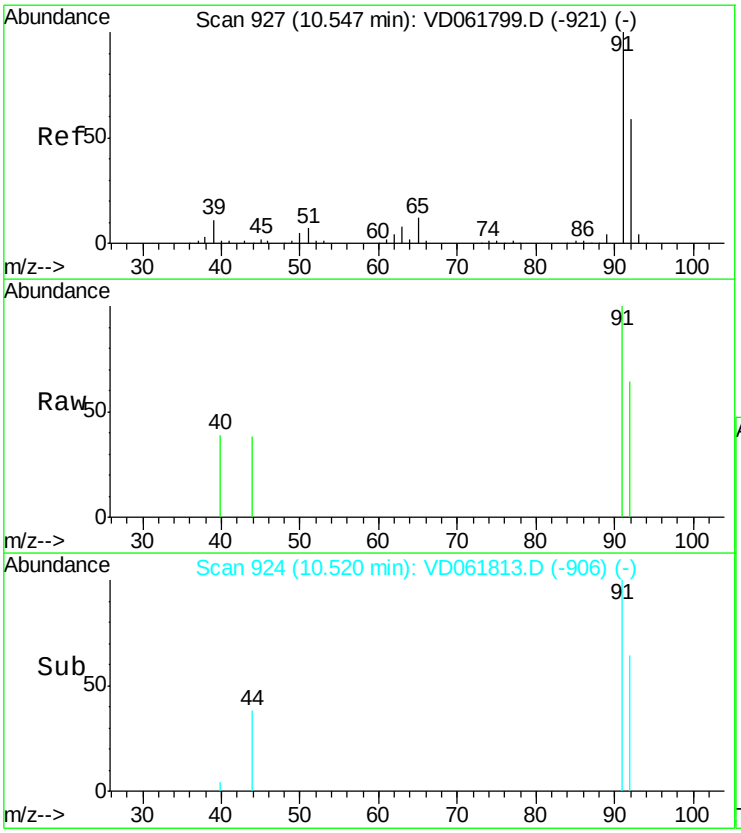
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. -0.03 min
Lab File: VD061813.D
Acq: 16 Apr 2019 16:07

Instrument :
MSVOA_D
ClientSampleId :
TP-5-S2

Tgt Ion: 98 Resp: 13024

Ion	Ratio	Lower	Upper
98	100		
100	52.9	53.8	80.8#

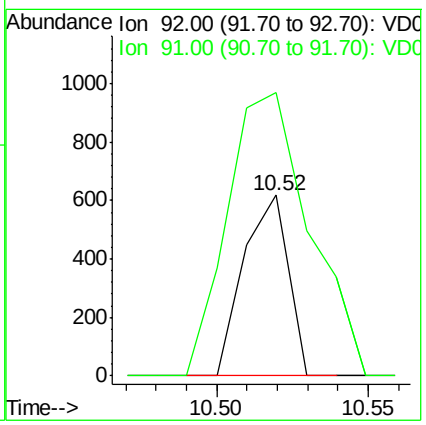


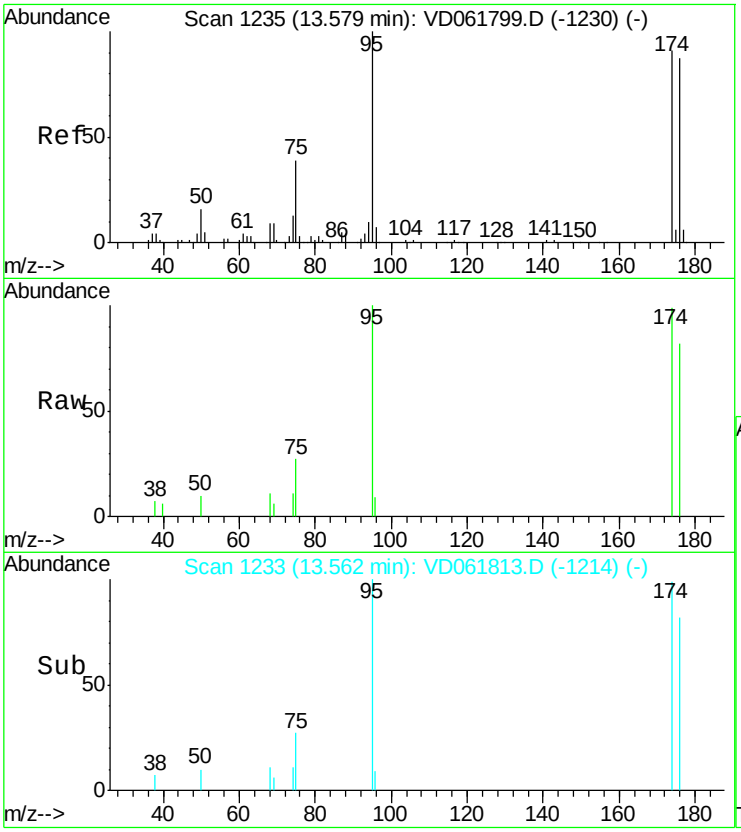


#52
Toluene
Concen: 4.050 ug/l
RT: 10.52 min Scan# 924
Delta R.T. -0.03 min
Lab File: VD061813.D
Acq: 16 Apr 2019 16:07

Tgt Ion: 92 Resp: 631

Ion	Ratio	Lower	Upper
92	100		
91	156.4	136.6	204.8



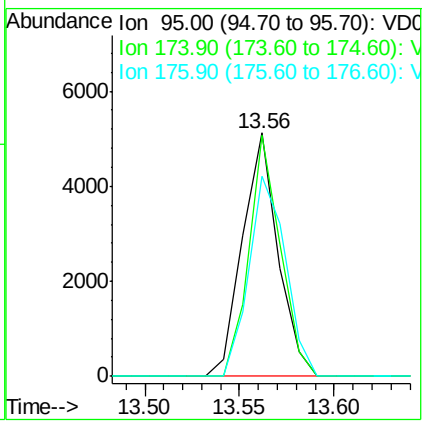


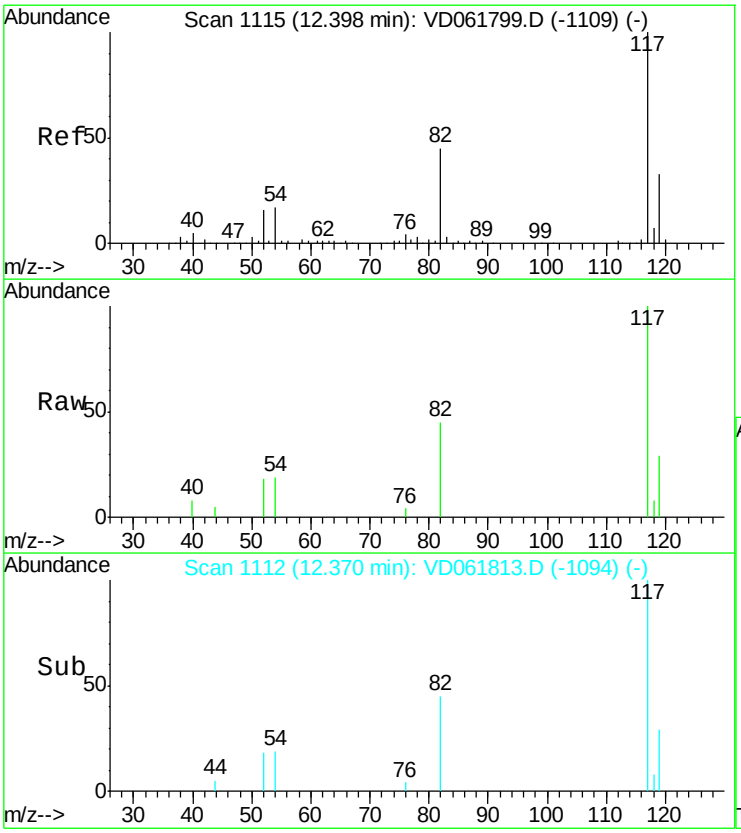
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.02 min
Lab File: VD061813.D
Acq: 16 Apr 2019 16:07

Instrument :
MSVOA_D
ClientSampleId :
TP-5-S2

Tgt Ion: 95 Resp: 6638

Ion	Ratio	Lower	Upper
95	100		
174	99.2	0.0	181.8
176	82.0	0.0	174.4

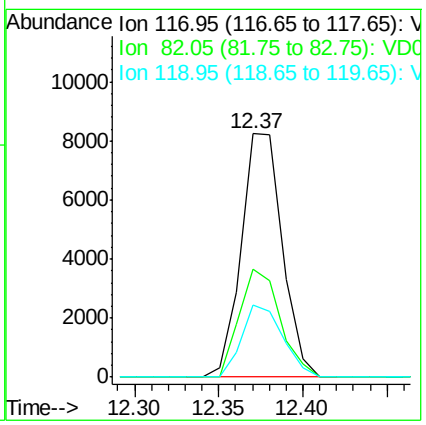


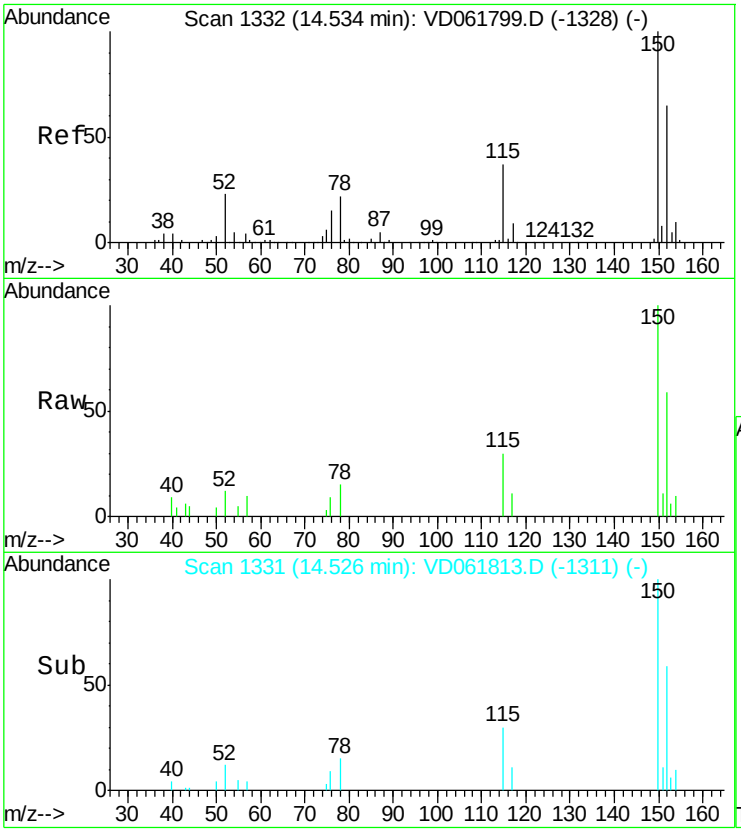


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.03 min
Lab File: VD061813.D
Acq: 16 Apr 2019 16:07

Tgt Ion:117 Resp: 13918

Ion	Ratio	Lower	Upper
117	100		
82	44.6	36.2	54.2
119	29.4	26.2	39.4



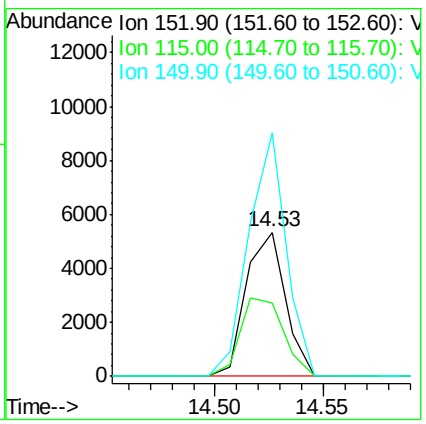


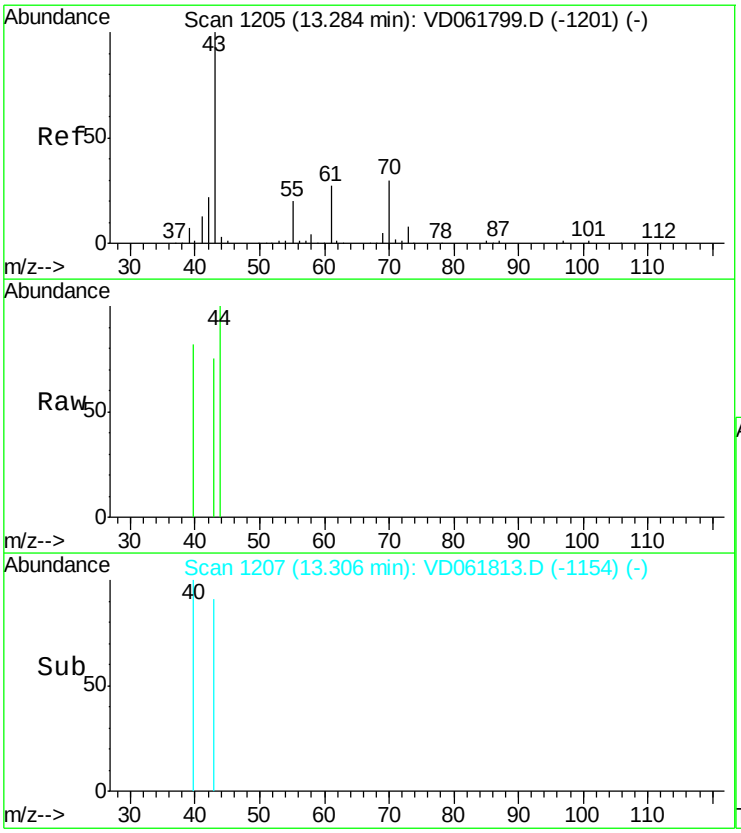
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. -0.01 min
Lab File: VD061813.D
Acq: 16 Apr 2019 16:07

Instrument :
MSVOA_D
ClientSampleId :
TP-5-S2

Tgt Ion:152 Resp: 6814

Ion	Ratio	Lower	Upper
152	100		
115	50.8	30.9	92.7
150	168.6	0.0	314.8

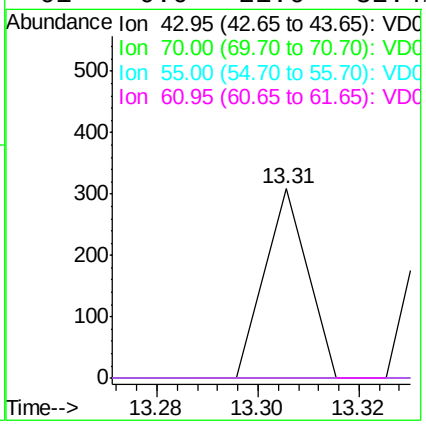


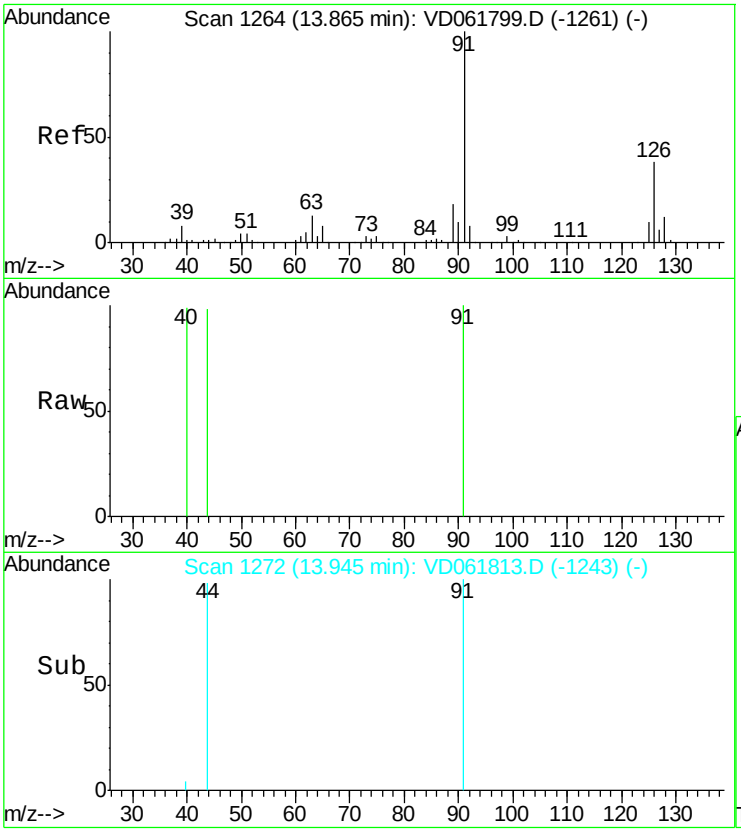


#74
N-amyl acetate
Concen: 1.532 ug/l
RT: 13.31 min Scan# 1207
Delta R.T. 0.02 min
Lab File: VD061813.D
Acq: 16 Apr 2019 16:07

Tgt Ion: 43 Resp: 182

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



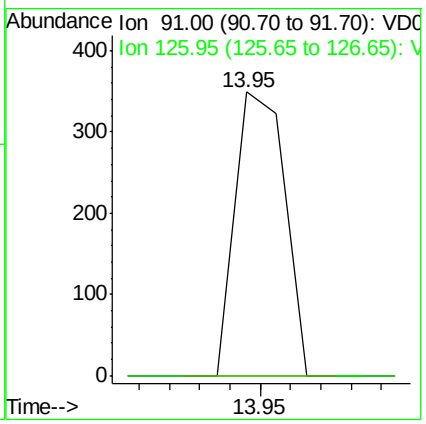


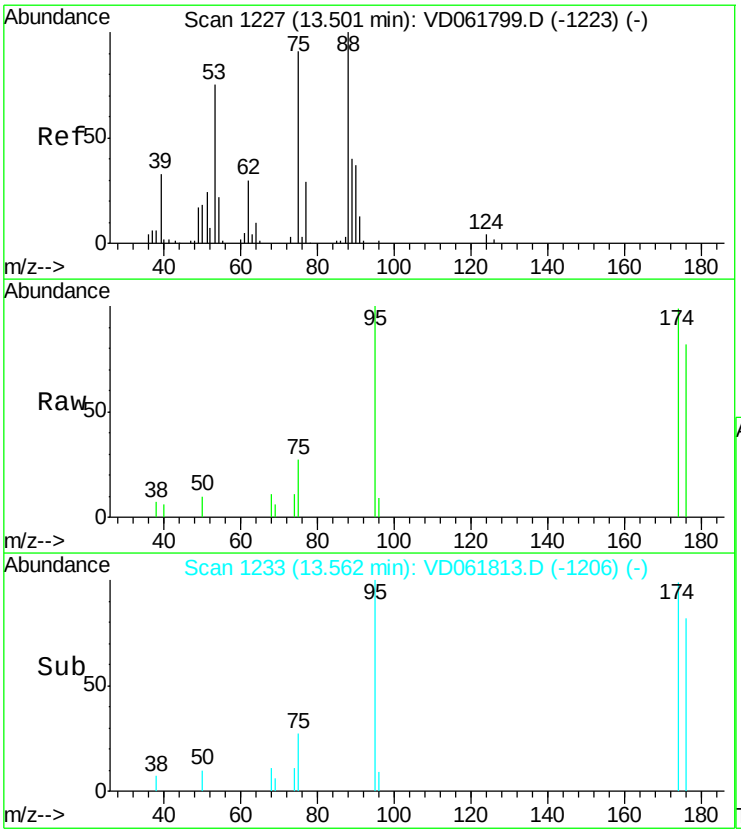
#79
2-Chlorotoluene
Concen: 1.331 ug/l
RT: 13.95 min Scan# 1272
Delta R.T. 0.08 min
Lab File: VD061813.D
Acq: 16 Apr 2019 16:07

Instrument :
MSVOA_D
ClientSampleId :
TP-5-S2

Tgt Ion: 91 Resp: 397

Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.6	55.8#

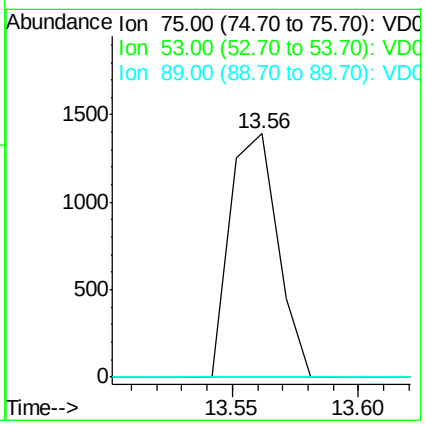


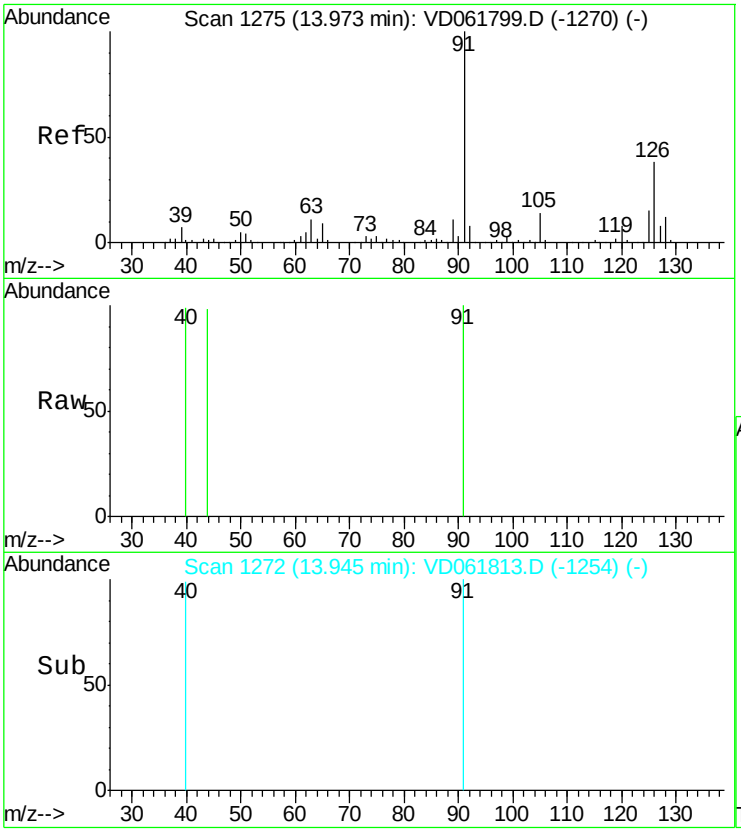


#81
trans-1,4-Dichloro-2-butene
Concen: 62.095 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.06 min
Lab File: VD061813.D
Acq: 16 Apr 2019 16:07

Tgt Ion: 75 Resp: 1826

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



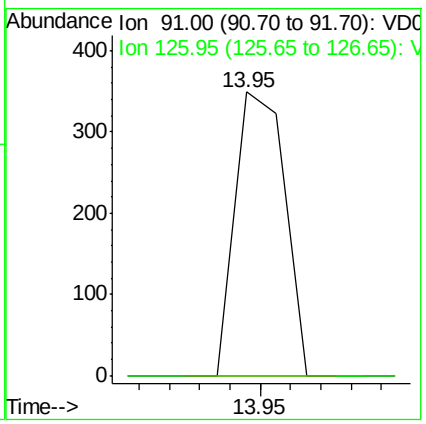


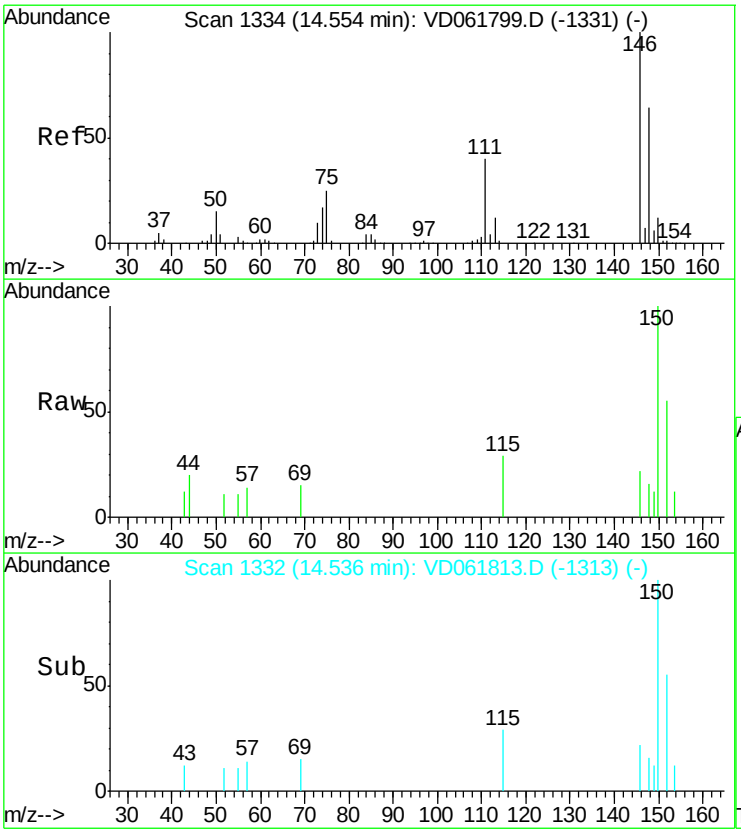
#82
4-Chlorotoluene
Concen: 1.163 ug/l
RT: 13.95 min Scan# 1272
Delta R.T. -0.03 min
Lab File: VD061813.D
Acq: 16 Apr 2019 16:07

Instrument : MSVOA_D
ClientSampleId : TP-5-S2

Tgt Ion: 91 Resp: 397

Ion	Ratio	Lower	Upper
91	100		
126	0.0	19.1	57.5#

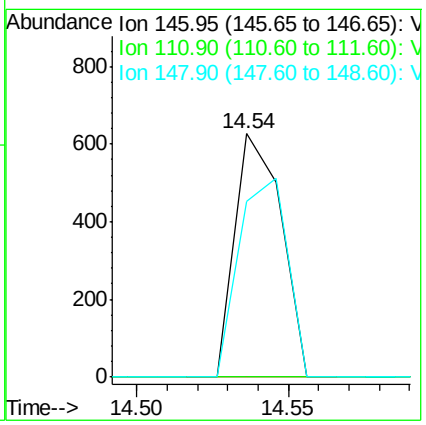


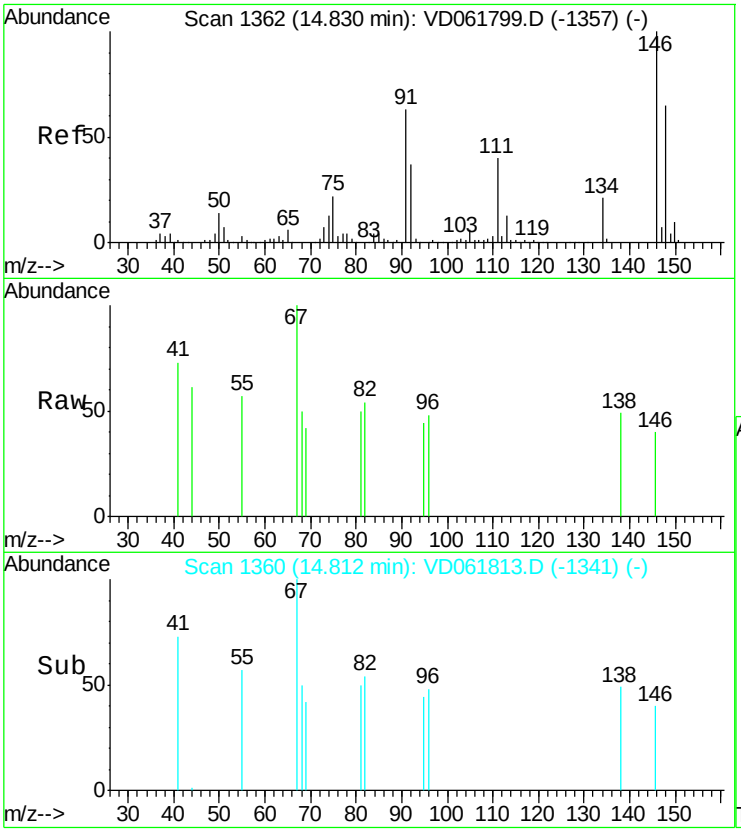


#88
1,4-Dichlorobenzene
Concen: 3.079 ug/l
RT: 14.54 min Scan# 1332
Delta R.T. -0.02 min
Lab File: VD061813.D
Acq: 16 Apr 2019 16:07

Tgt Ion:146 Resp: 667

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.2	60.5#
148	72.1	32.0	96.2



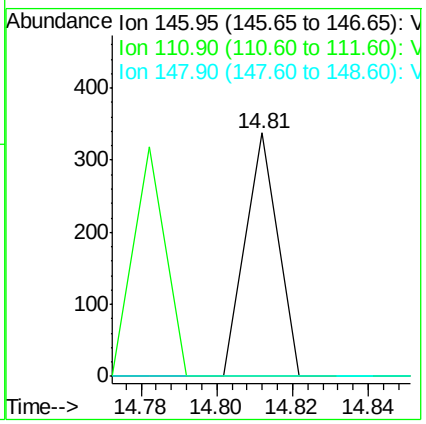


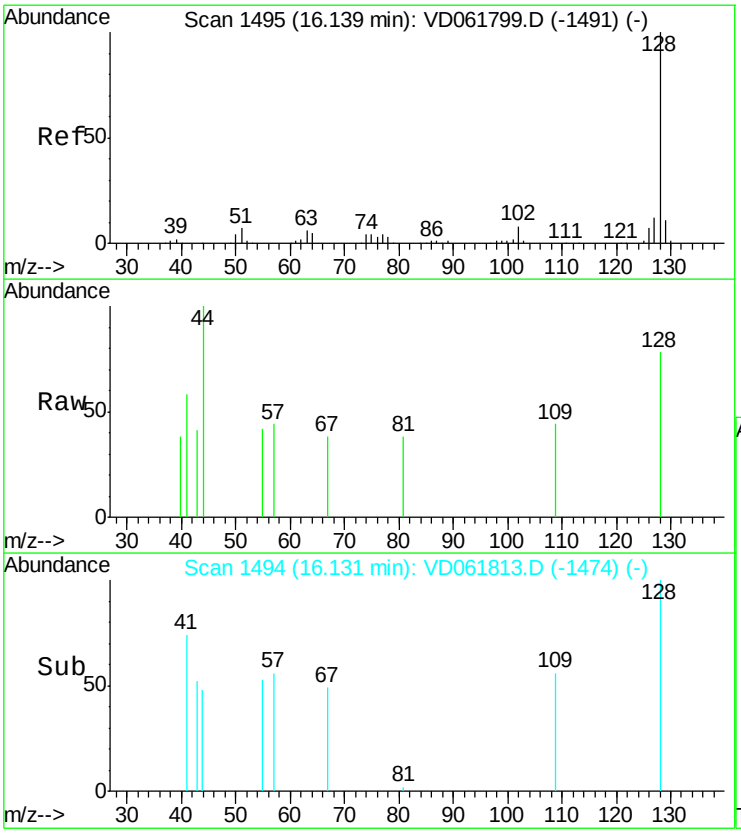
#91
1,2-Dichlorobenzene
Concen: 1.090 ug/l
RT: 14.81 min Scan# 1360
Delta R.T. -0.02 min
Lab File: VD061813.D
Acq: 16 Apr 2019 16:07

Instrument :
MSVOA_D
ClientSampleId :
TP-5-S2

Tgt Ion:146 Resp: 200

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.0	59.9#
148	0.0	32.3	96.8#





#95
Naphthalene
Concen: 2.601 ug/l
RT: 16.13 min Scan# 1494
Delta R.T. -0.01 min
Lab File: VD061813.D
Acq: 16 Apr 2019 16:07

Tgt Ion:128 Resp: 402

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.8	14.8#
129	0.0	8.8	13.2#