Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041819\
Data File : VD061868.D
Acq On : 18 Apr 2019 12:10
Operator : VA/AP
Sample : VD0418SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0418SBL01

Quant Time: Apr 18 12:49:36 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	7.05	168	606948	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	8.22	114	962946	50.00	ug/l	-0.05
63) Chlorobenzene-d5	12.36	117	831945	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	14.52	152	365630	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	287084	56.44	ug/l	-0.05
Spiked Amount 50.000			Recovery = 112.88%			
35) Dibromofluoromethane	6.92	113	424622	58.37	ug/l	-0.06
Spiked Amount 50.000			Recovery = 116.74%			
50) Toluene-d8	10.40	98	932220	54.08	ug/l	-0.05
Spiked Amount 50.000			Recovery = 108.16%			
62) 4-Bromofluorobenzene	13.55	95	361458	51.73	ug/l	-0.03
Spiked Amount 50.000			Recovery = 103.46%			
Target Compounds						Qvalue
5) Bromomethane	2.17	94	1990	Below Cal	#	12
10) Methyl Iodide	3.31	142	2014	3.688	ug/l #	86
15) Acrylonitrile	4.18	53	956	1.015	ug/l #	65
16) Acetone	3.22	43	4473	3.568	ug/l #	50
20) Methylene Chloride	3.82	84	28283	Below Cal		94
36) 1,1-Dichloropropene	7.04	75	45140	5.737	ug/l #	46
38) Carbon Tetrachloride	7.04	117	61601	6.200	ug/l #	15
43) Isopropyl Acetate	9.55	43	20885	4.407	ug/l #	43
51) 4-Methyl-2-Pentanone	10.35	43	4920	1.698	ug/l	98
59) 2-Hexanone	11.53	43	2376	1.104	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.55	75	140417	87.550	ug/l #	16
92) 1,2-Dibromo-3-Chloropropan	15.38	75	198	Below Cal	#	37
95) Naphthalene	16.12	128	8871	1.070	ug/l #	96

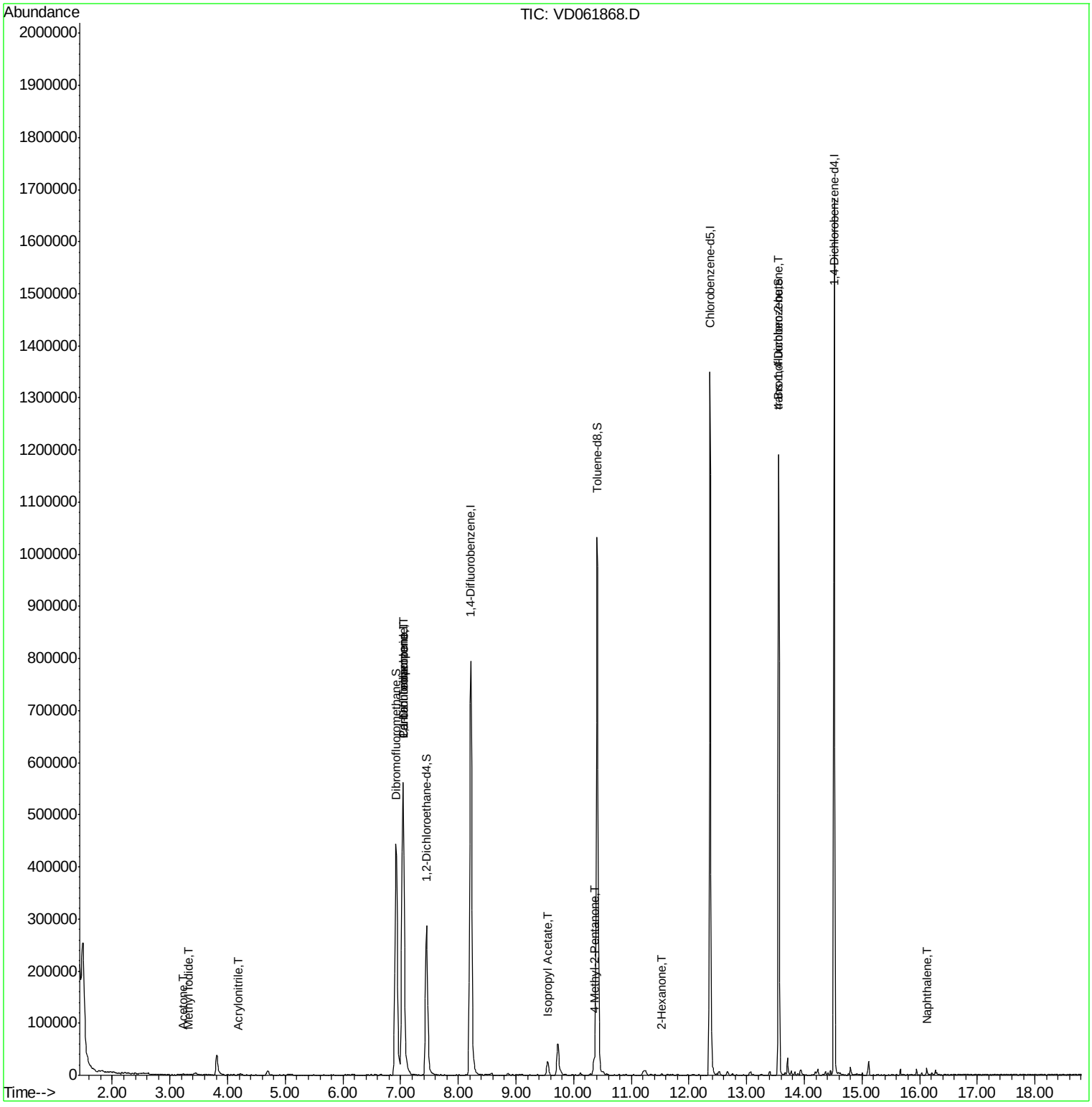
(#) = qualifier out of range (m) = manual integration (+) = signals summed

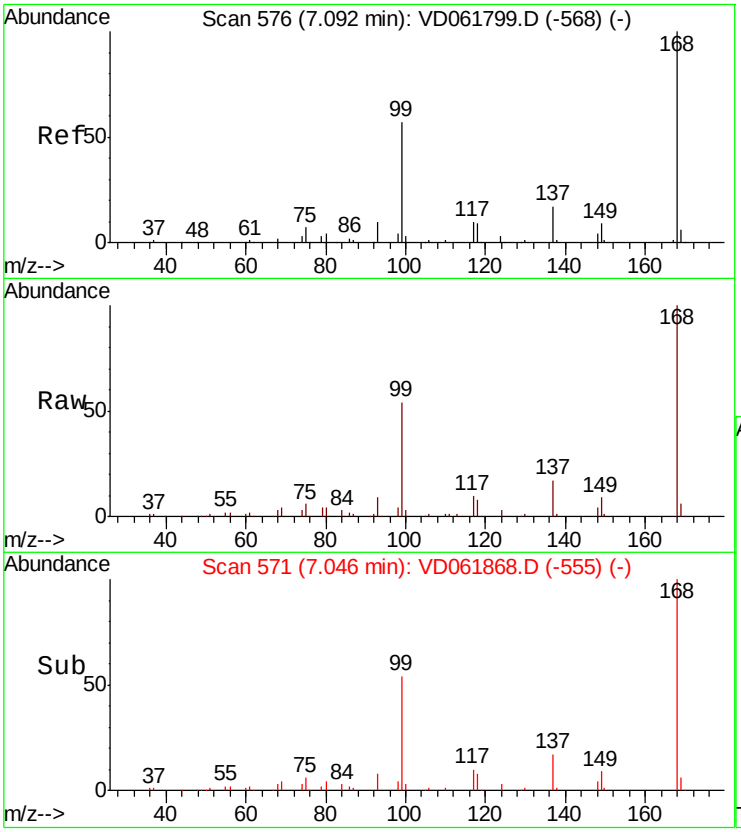
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041819\
Data File : VD061868.D
Acq On : 18 Apr 2019 12:10
Operator : VA/AP
Sample : VD0418SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0418SBL01

Quant Time: Apr 18 12:49:36 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



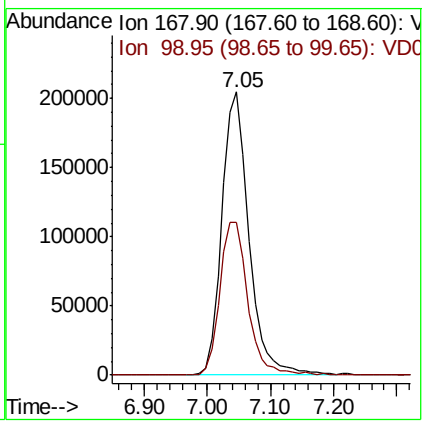


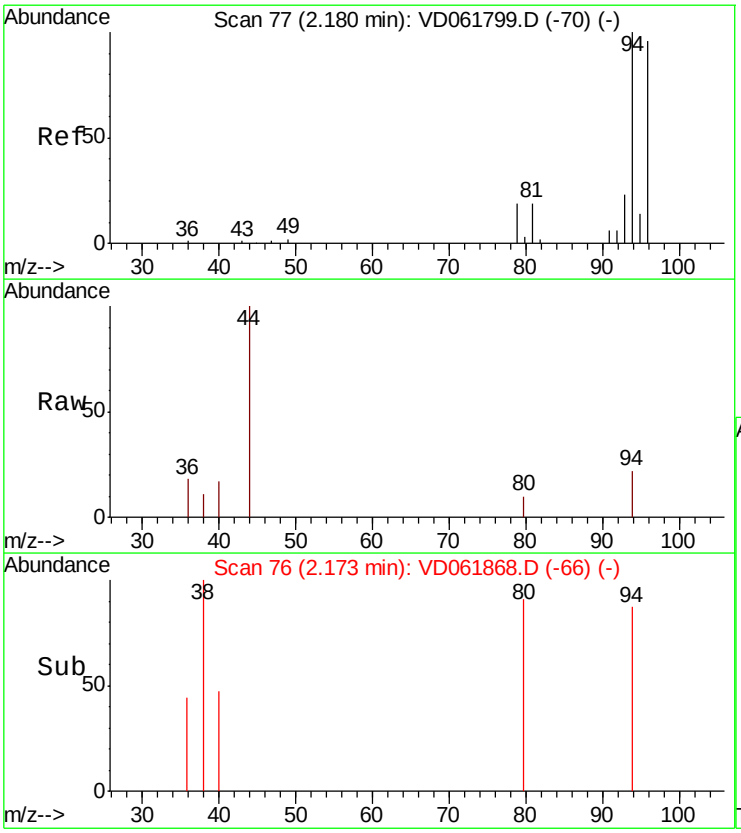
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.05 min
Lab File: VD061868.D
Acq: 18 Apr 2019 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0418SBL01

Tgt Ion:168 Resp: 606948

Ion	Ratio	Lower	Upper
168	100		
99	54.1	46.5	69.7

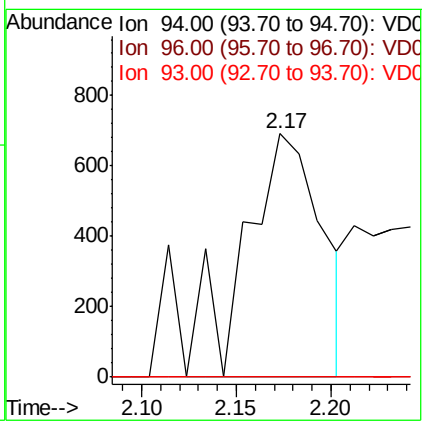


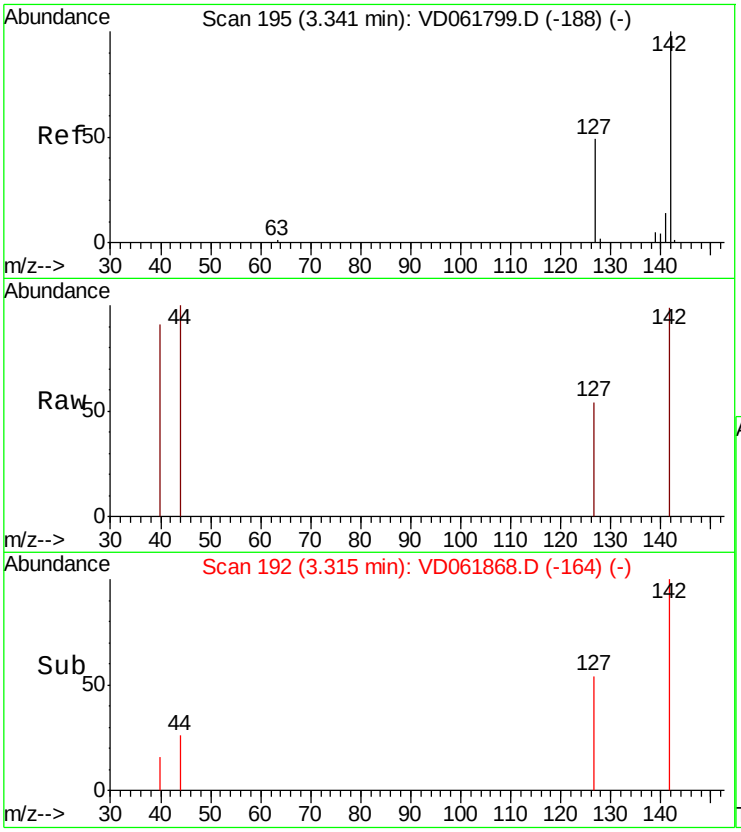


#5
Bromomethane
Concen: Below Cal
RT: 2.17 min Scan# 76
Delta R.T. -0.01 min
Lab File: VD061868.D
Acq: 18 Apr 2019 12:10

Tgt Ion: 94 Resp: 1990

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



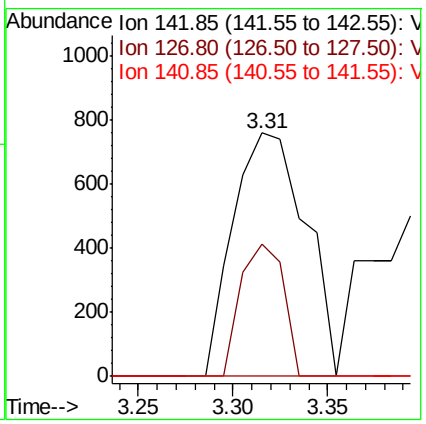


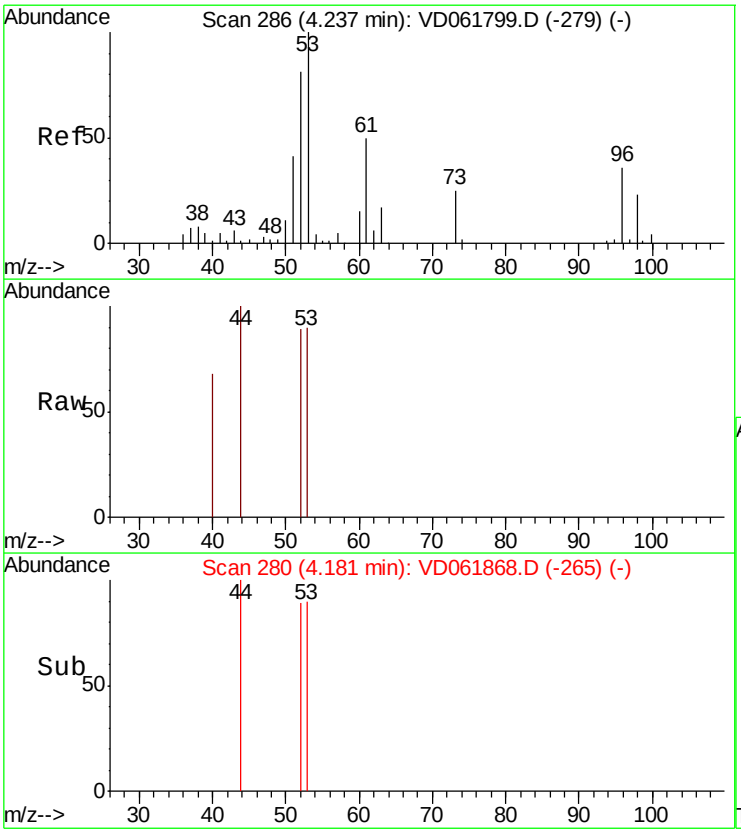
#10
Methyl Iodide
Concen: 3.688 ug/l
RT: 3.31 min Scan# 192
Delta R.T. -0.03 min
Lab File: VD061868.D
Acq: 18 Apr 2019 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0418SBL01

Tgt Ion:142 Resp: 2014

Ion	Ratio	Lower	Upper
142	100		
127	54.3	38.8	58.2
141	0.0	11.4	17.0#

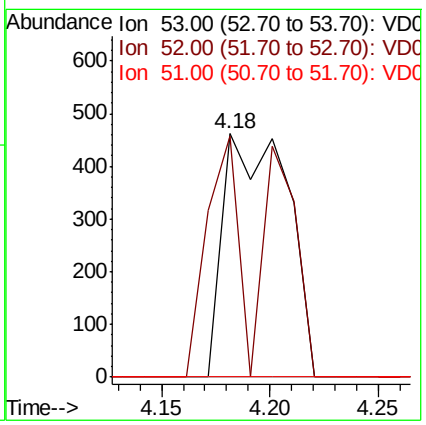


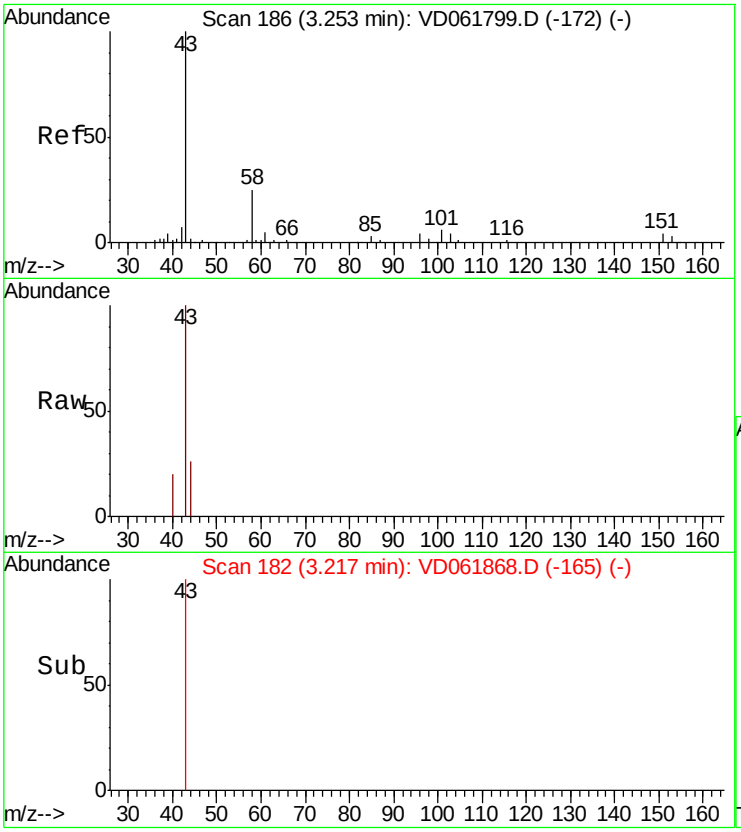


#15
Acrylonitrile
Concen: 1.015 ug/l
RT: 4.18 min Scan# 280
Delta R.T. -0.06 min
Lab File: VD061868.D
Acq: 18 Apr 2019 12:10

Tgt Ion: 53 Resp: 956

Ion	Ratio	Lower	Upper
53	100		
52	98.9	65.0	97.4#
51	0.0	32.6	48.8#



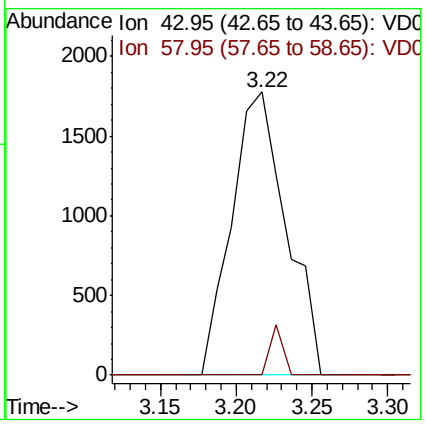


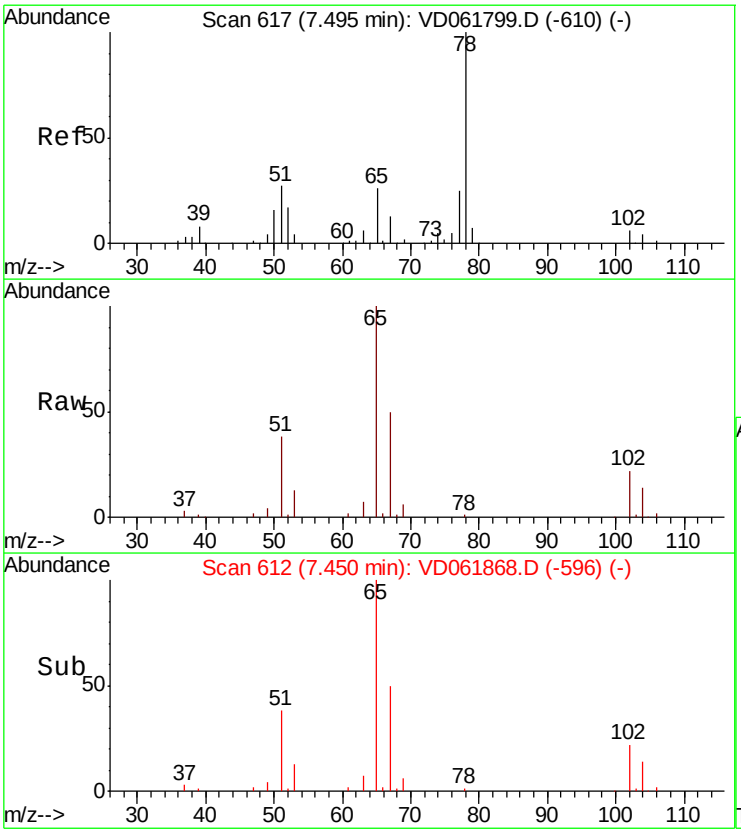
#16
Acetone
Concen: 3.568 ug/l
RT: 3.22 min Scan# 182
Delta R.T. -0.04 min
Lab File: VD061868.D
Acq: 18 Apr 2019 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0418SBL01

Tgt Ion: 43 Resp: 4473

Ion	Ratio	Lower	Upper
43	100		
58	0.0	19.9	29.9#

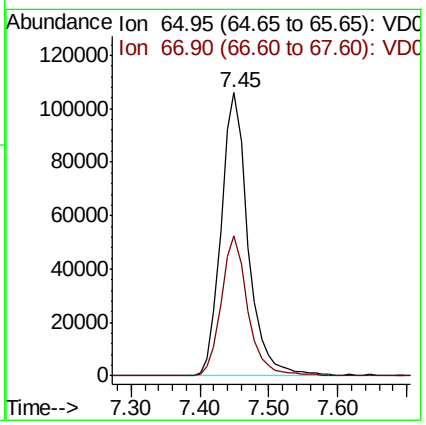


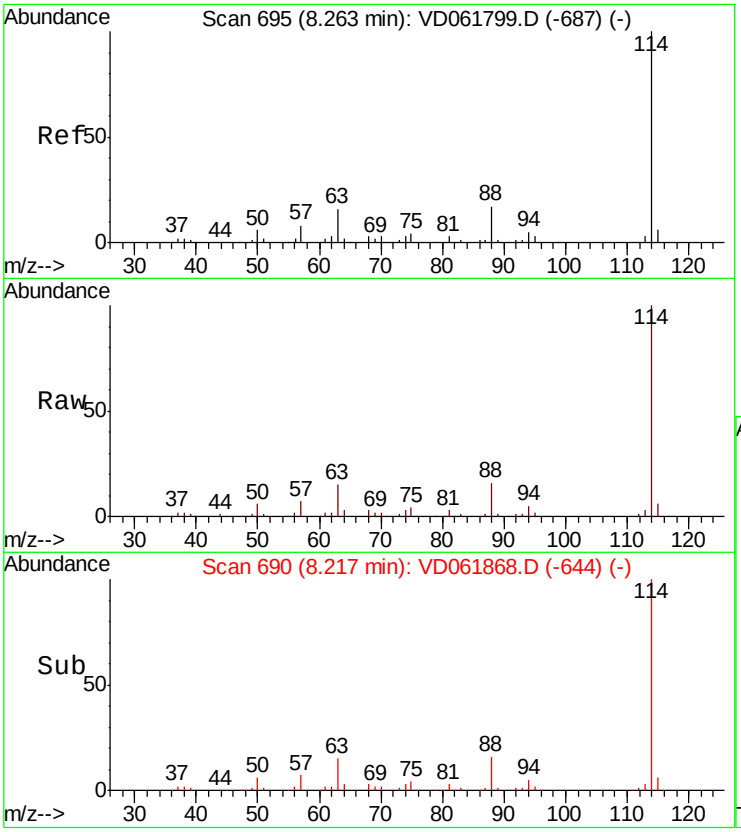


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.05 min
Lab File: VD061868.D
Acq: 18 Apr 2019 12:10

Tgt Ion: 65 Resp: 287084

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	98.0



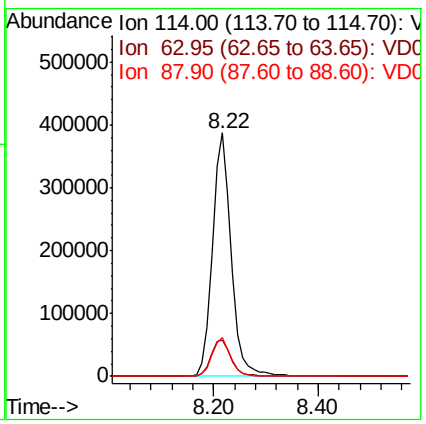


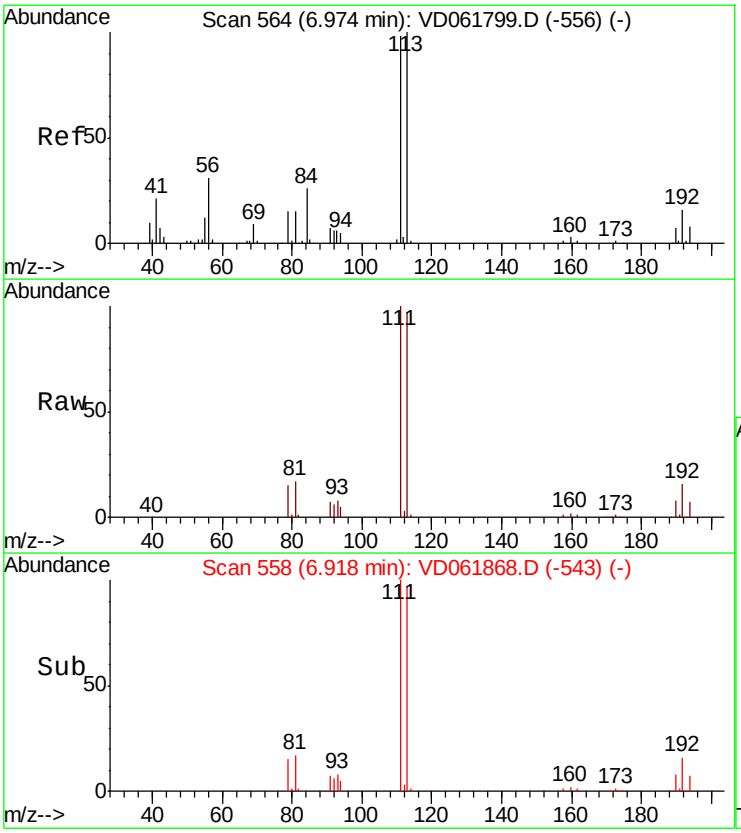
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. -0.05 min
Lab File: VD061868.D
Acq: 18 Apr 2019 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0418SBL01

Tgt Ion:114 Resp: 962946

Ion	Ratio	Lower	Upper
114	100		
63	15.1	0.0	32.4
88	16.0	0.0	33.6

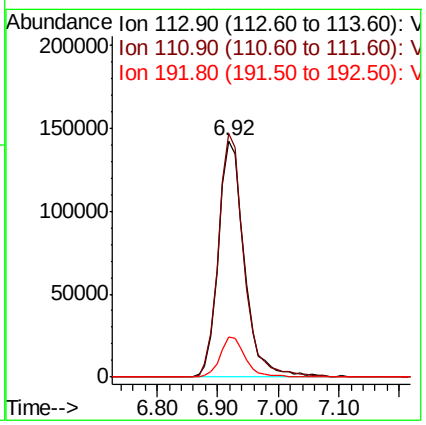


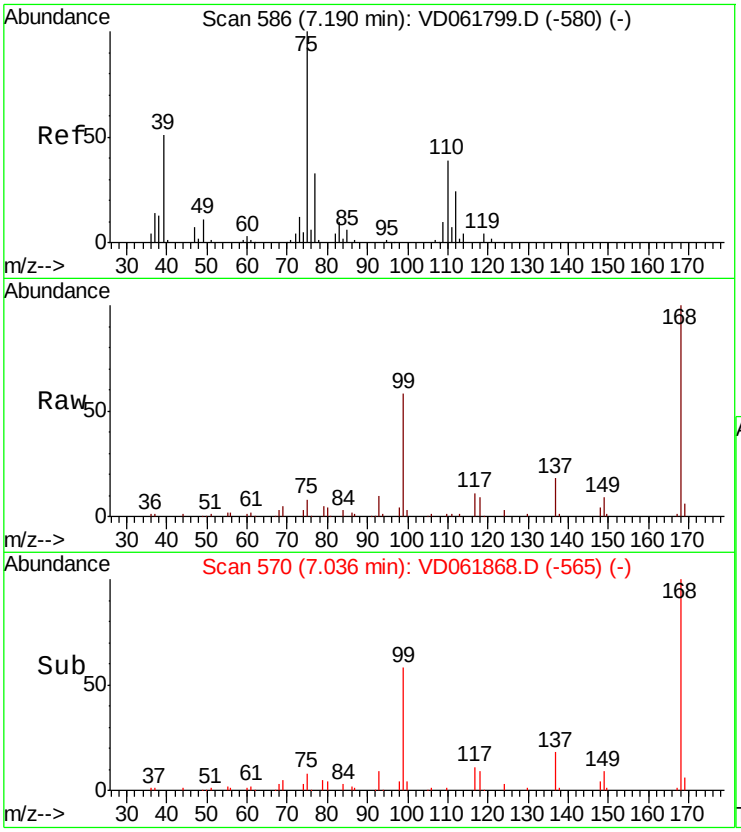


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.92 min Scan# 558
Delta R.T. -0.06 min
Lab File: VD061868.D
Acq: 18 Apr 2019 12:10

Tgt Ion:113 Resp: 424622

Ion	Ratio	Lower	Upper
113	100		
111	103.2	78.5	117.7
192	16.8	13.0	19.4



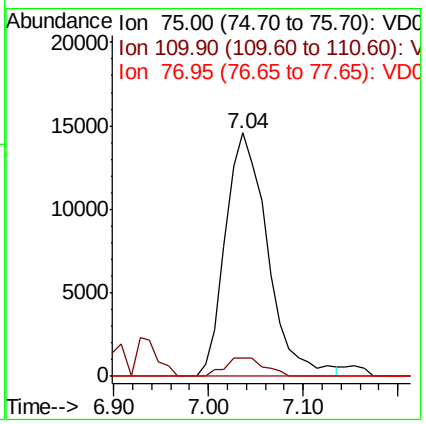


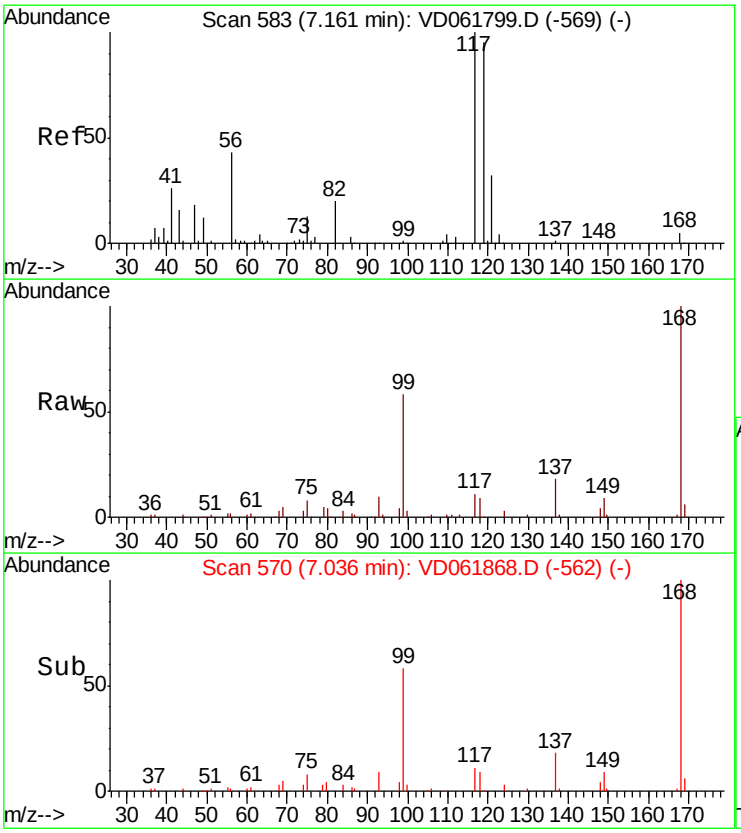
#36
1,1-Dichloropropene
Concen: 5.737 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.15 min
Lab File: VD061868.D
Acq: 18 Apr 2019 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0418SBL01

Tgt Ion: 75 Resp: 45140

Ion	Ratio	Lower	Upper
75	100		
110	7.7	19.1	57.1#
77	0.0	25.6	38.4#

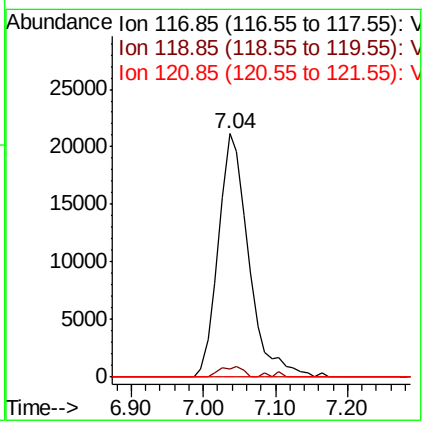


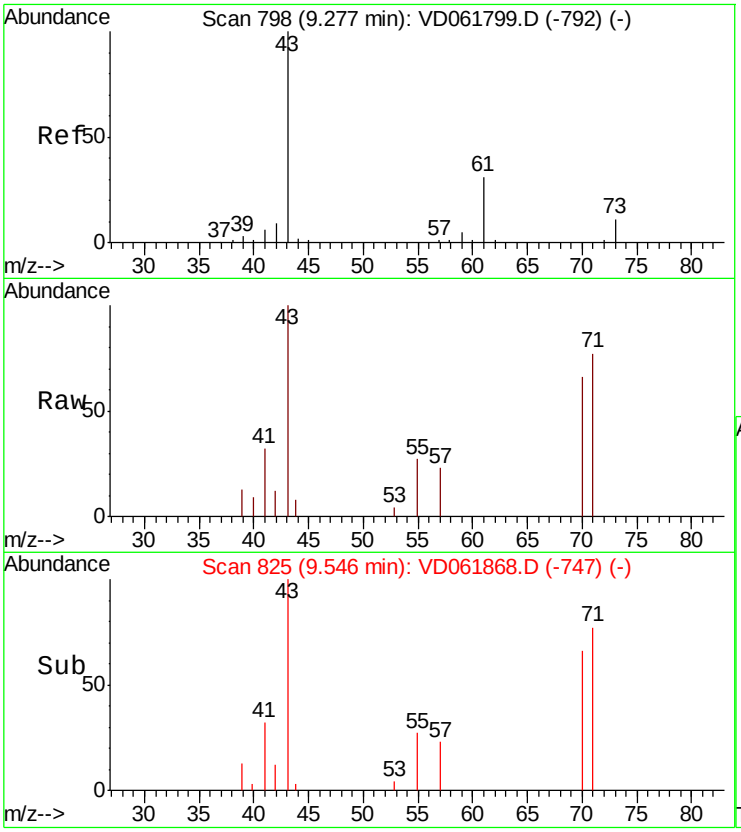


#38
Carbon Tetrachloride
Concen: 6.200 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.12 min
Lab File: VD061868.D
Acq: 18 Apr 2019 12:10

Tgt Ion:117 Resp: 61601

Ion	Ratio	Lower	Upper
117	100		
119	3.1	75.8	113.8#
121	0.0	25.9	38.9#



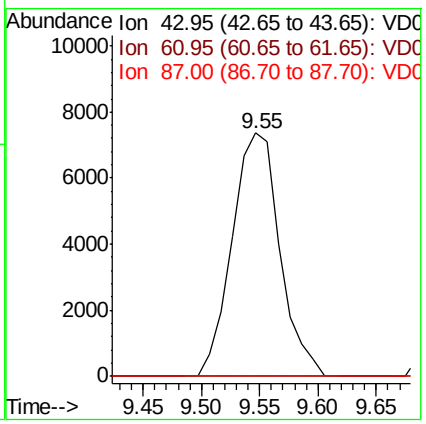


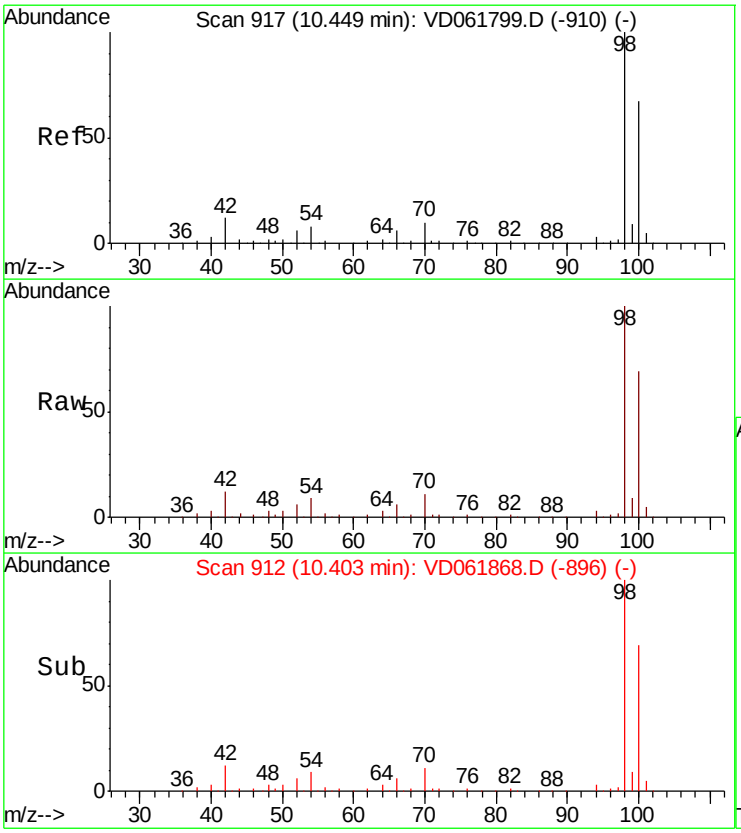
#43
Isopropyl Acetate
Concen: 4.407 ug/l
RT: 9.55 min Scan# 825
Delta R.T. 0.27 min
Lab File: VD061868.D
Acq: 18 Apr 2019 12:10

Instrument : MSVOA_D
ClientSampleId : VD0418SBL01

Tgt Ion: 43 Resp: 20885

Ion	Ratio	Lower	Upper
43	100		
61	0.0	25.1	37.7#
87	0.0	0.0	0.0

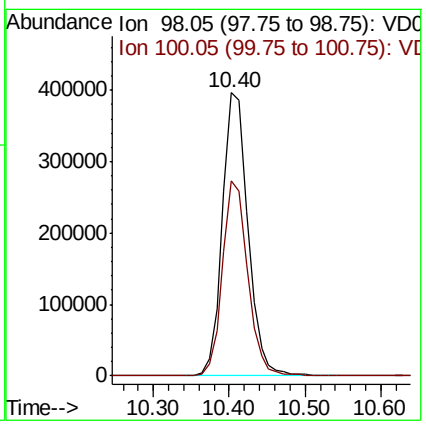


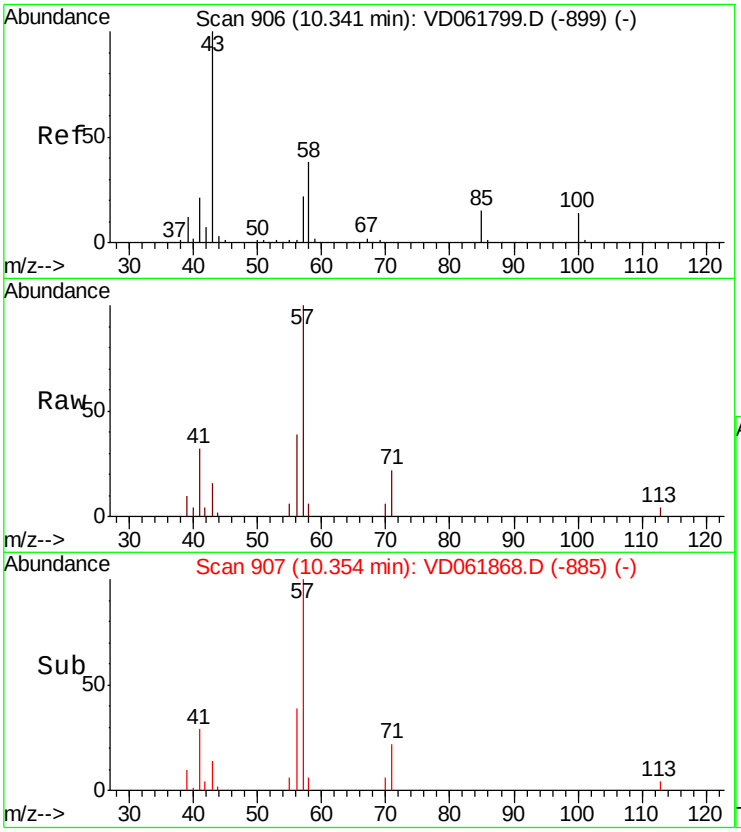


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.05 min
Lab File: VD061868.D
Acq: 18 Apr 2019 12:10

Tgt Ion: 98 Resp: 932220

Ion	Ratio	Lower	Upper
98	100		
100	69.0	53.8	80.8



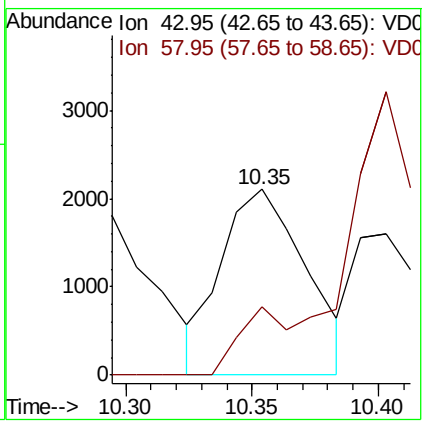


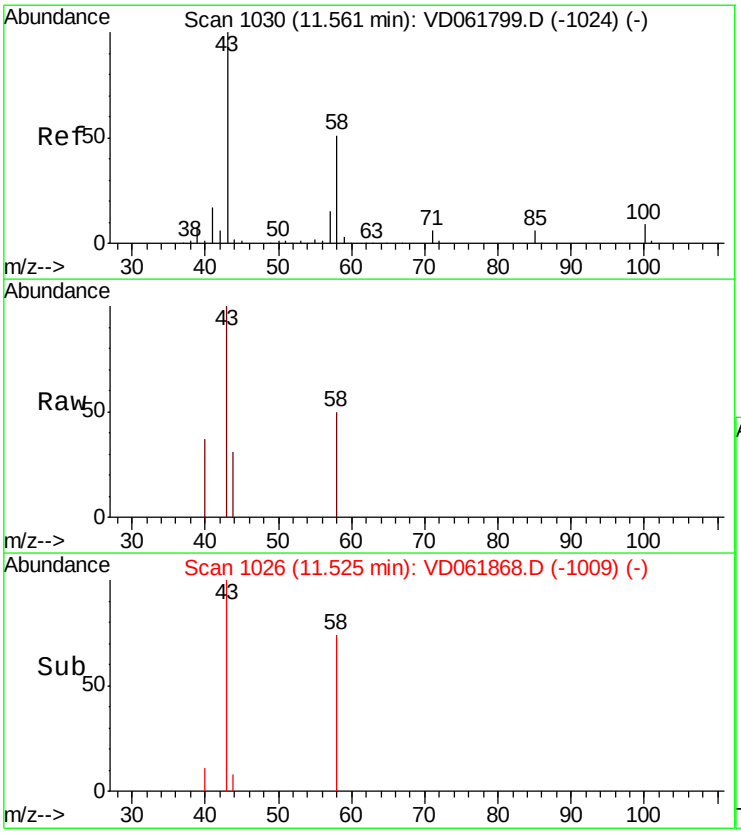
#51
4-Methyl-2-Pentanone
Concen: 1.698 ug/l
RT: 10.35 min Scan# 907
Delta R.T. 0.01 min
Lab File: VD061868.D
Acq: 18 Apr 2019 12:10

Instrument : MSVOA_D
ClientSampleId : VD0418SBL01

Tgt Ion: 43 Resp: 4920

Ion	Ratio	Lower	Upper
43	100		
58	36.6	30.4	45.6

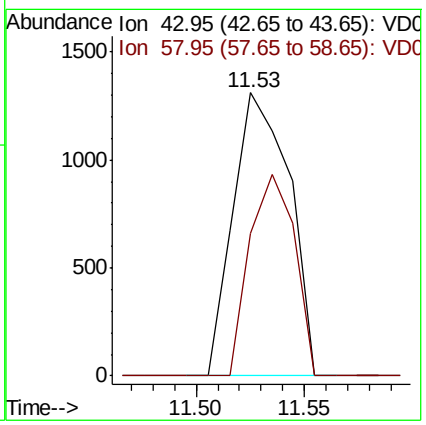


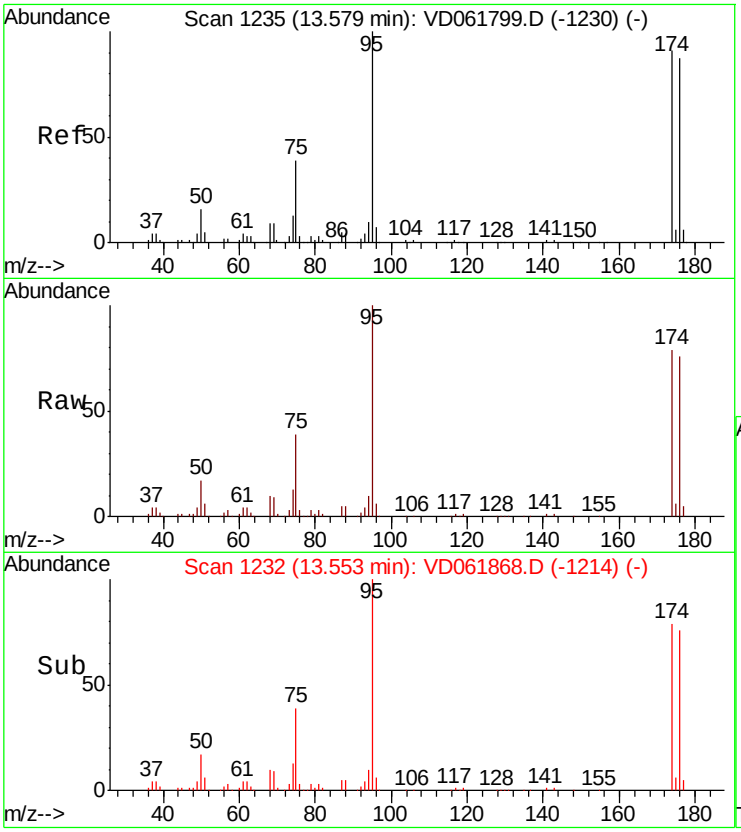


#59
2-Hexanone
Concen: 1.104 ug/l
RT: 11.53 min Scan# 1026
Delta R.T. -0.04 min
Lab File: VD061868.D
Acq: 18 Apr 2019 12:10

Tgt Ion: 43 Resp: 2376

Ion	Ratio	Lower	Upper
43	100		
58	50.3	25.4	76.4



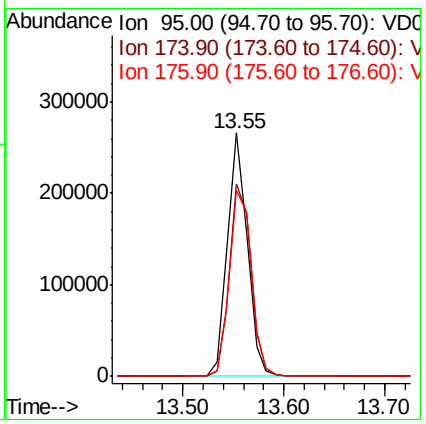


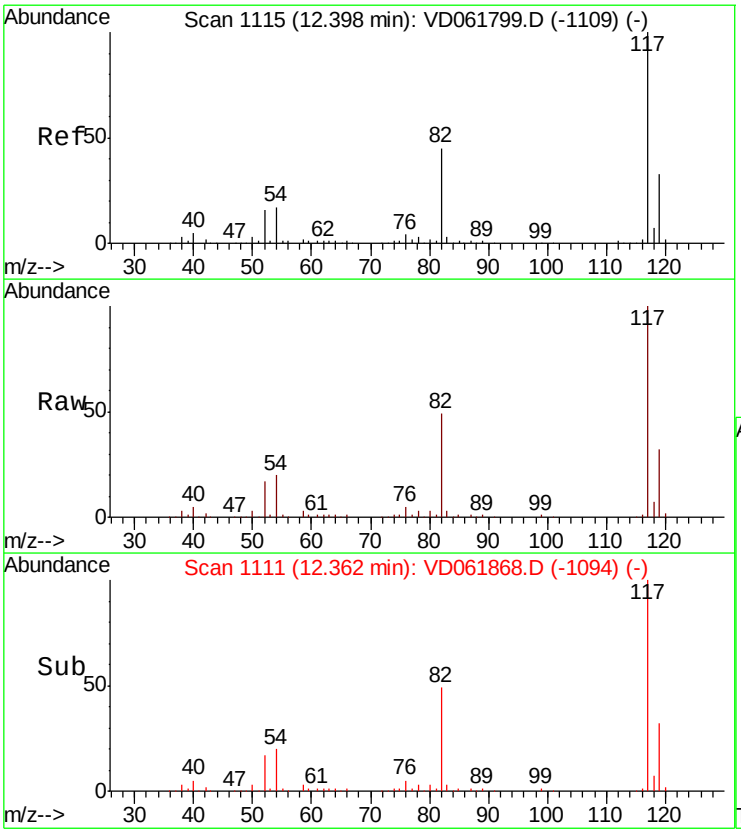
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.03 min
Lab File: VD061868.D
Acq: 18 Apr 2019 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0418SBL01

Tgt Ion: 95 Resp: 361458

Ion	Ratio	Lower	Upper
95	100		
174	78.8	0.0	181.8
176	76.3	0.0	174.4

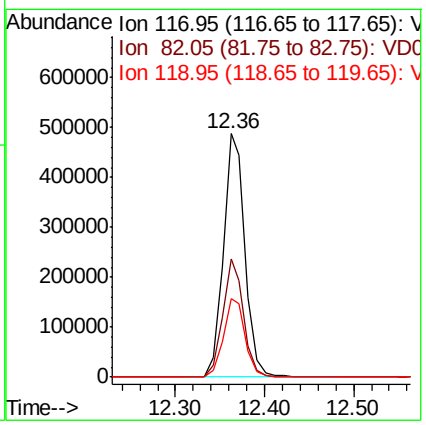


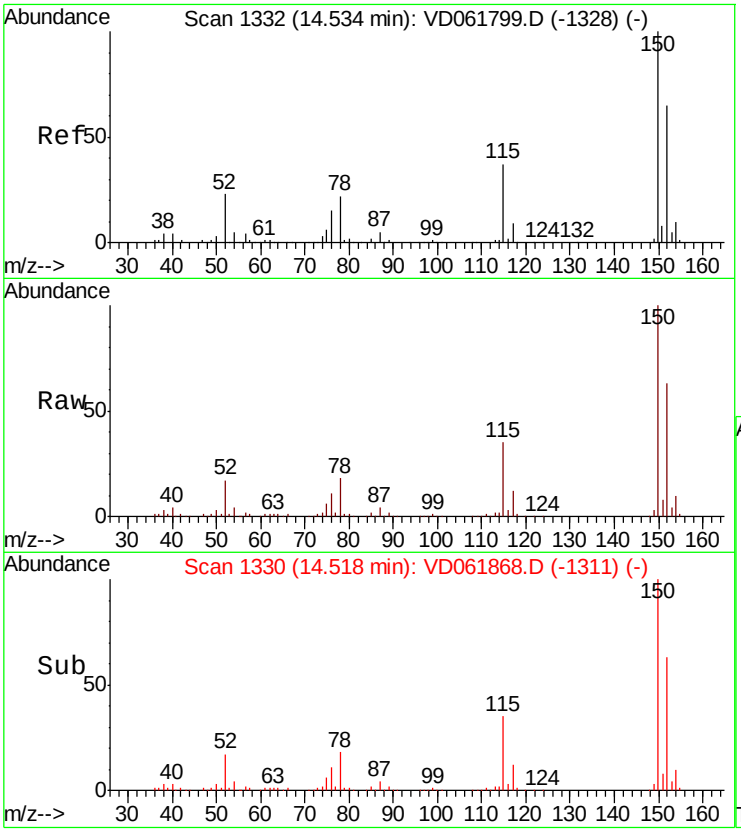


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.04 min
Lab File: VD061868.D
Acq: 18 Apr 2019 12:10

Tgt Ion:117 Resp: 831945

Ion	Ratio	Lower	Upper
117	100		
82	48.7	36.2	54.2
119	32.3	26.2	39.4



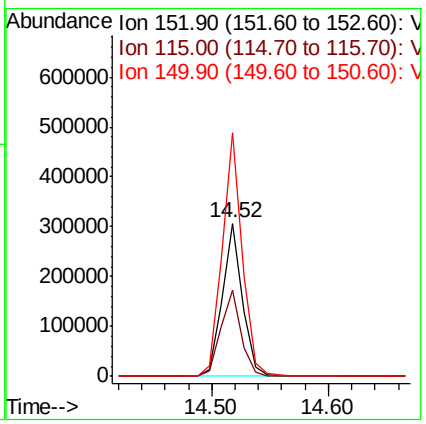


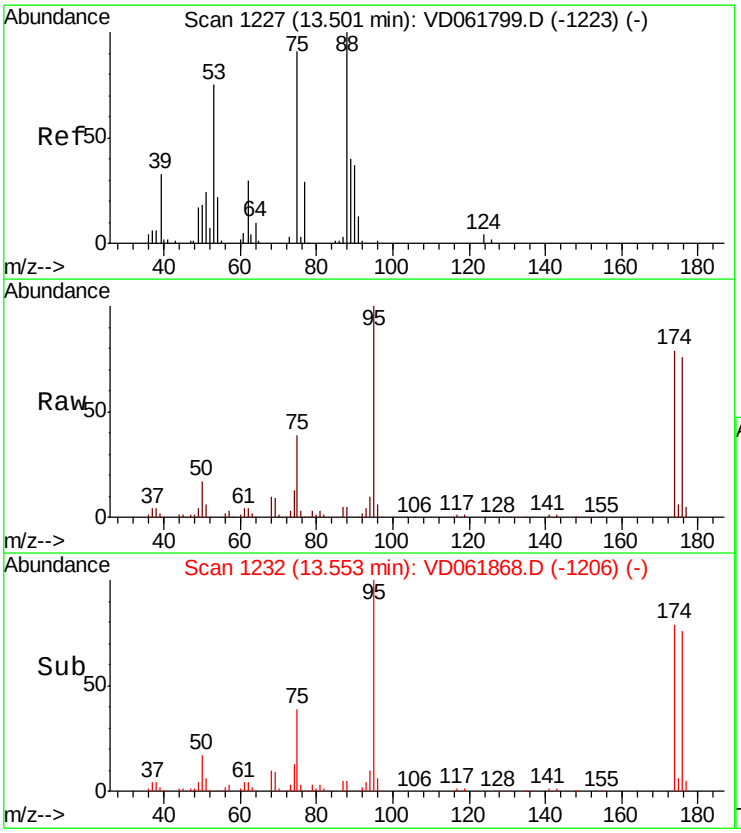
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.02 min
Lab File: VD061868.D
Acq: 18 Apr 2019 12:10

Instrument : MSVOA_D
ClientSampleId : VD0418SBL01

Tgt Ion:152 Resp: 365630

Ion	Ratio	Lower	Upper
152	100		
115	56.3	30.9	92.7
150	158.8	0.0	314.8

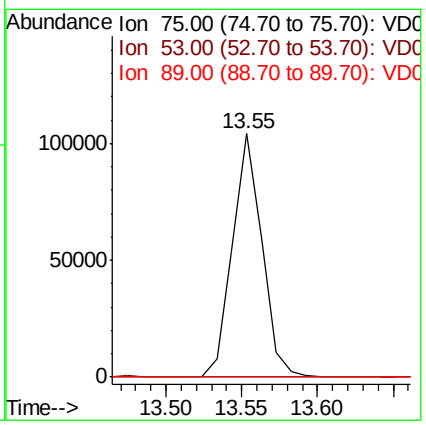


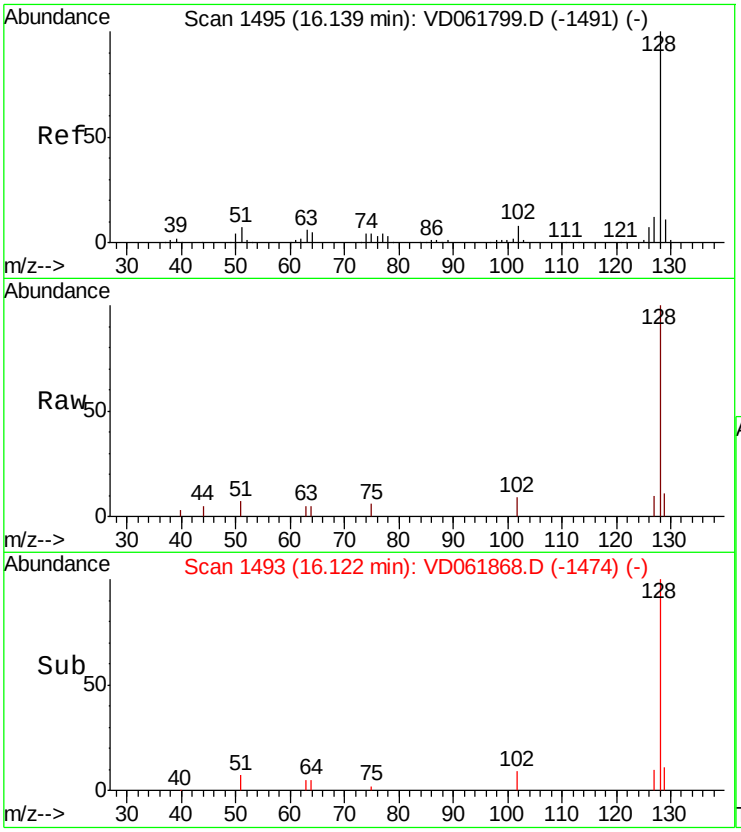


#81
trans-1,4-Dichloro-2-butene
Concen: 87.550 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.05 min
Lab File: VD061868.D
Acq: 18 Apr 2019 12:10

Tgt Ion: 75 Resp: 140417

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





#95
Naphthalene
Concen: 1.070 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. -0.02 min
Lab File: VD061868.D
Acq: 18 Apr 2019 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0418SBL01

Tgt Ion:128 Resp: 8871

Ion	Ratio	Lower	Upper
128	100		
127	9.6	9.8	14.8#
129	11.4	8.8	13.2