Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041619\
Data File : VD061820.D
Acq On : 16 Apr 2019 19:50
Operator : VA/AP
Sample : K2377-02
Misc : 5.76g/5ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Apr 17 00:59:22 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	324670	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.23	114	668942	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.37	117	636568	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.52	152	245368	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	222181	81.65	ug/l	-0.03
Spiked Amount 50.000			Recovery = 163.30%			
35) Dibromofluoromethane	6.94	113	324769	64.26	ug/l	-0.04
Spiked Amount 50.000			Recovery = 128.52%			
50) Toluene-d8	10.41	98	604794	50.51	ug/l	-0.04
Spiked Amount 50.000			Recovery = 101.02%			
62) 4-Bromofluorobenzene	13.56	95	234905	48.40	ug/l	-0.02
Spiked Amount 50.000			Recovery = 96.80%			
Target Compounds						Qvalue
5) Bromomethane	2.18	94	1151	Below Cal	#	57
8) Diethyl Ether	2.89	74	2513	2.359	ug/l	75
10) Methyl Iodide	3.32	142	3726	4.113	ug/l #	74
16) Acetone	3.23	43	24370	36.339	ug/l	94
18) Methyl Acetate	3.65	43	9001	6.696	ug/l #	82
20) Methylene Chloride	3.83	84	118650	34.138	ug/l	99
31) Cyclohexane	7.05	56	4891	1.187	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	23406	4.282	ug/l #	47
38) Carbon Tetrachloride	7.05	117	30480	4.416	ug/l #	16
51) 4-Methyl-2-Pentanone	10.41	43	2583	1.283	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.56	75	89938	83.712	ug/l #	16

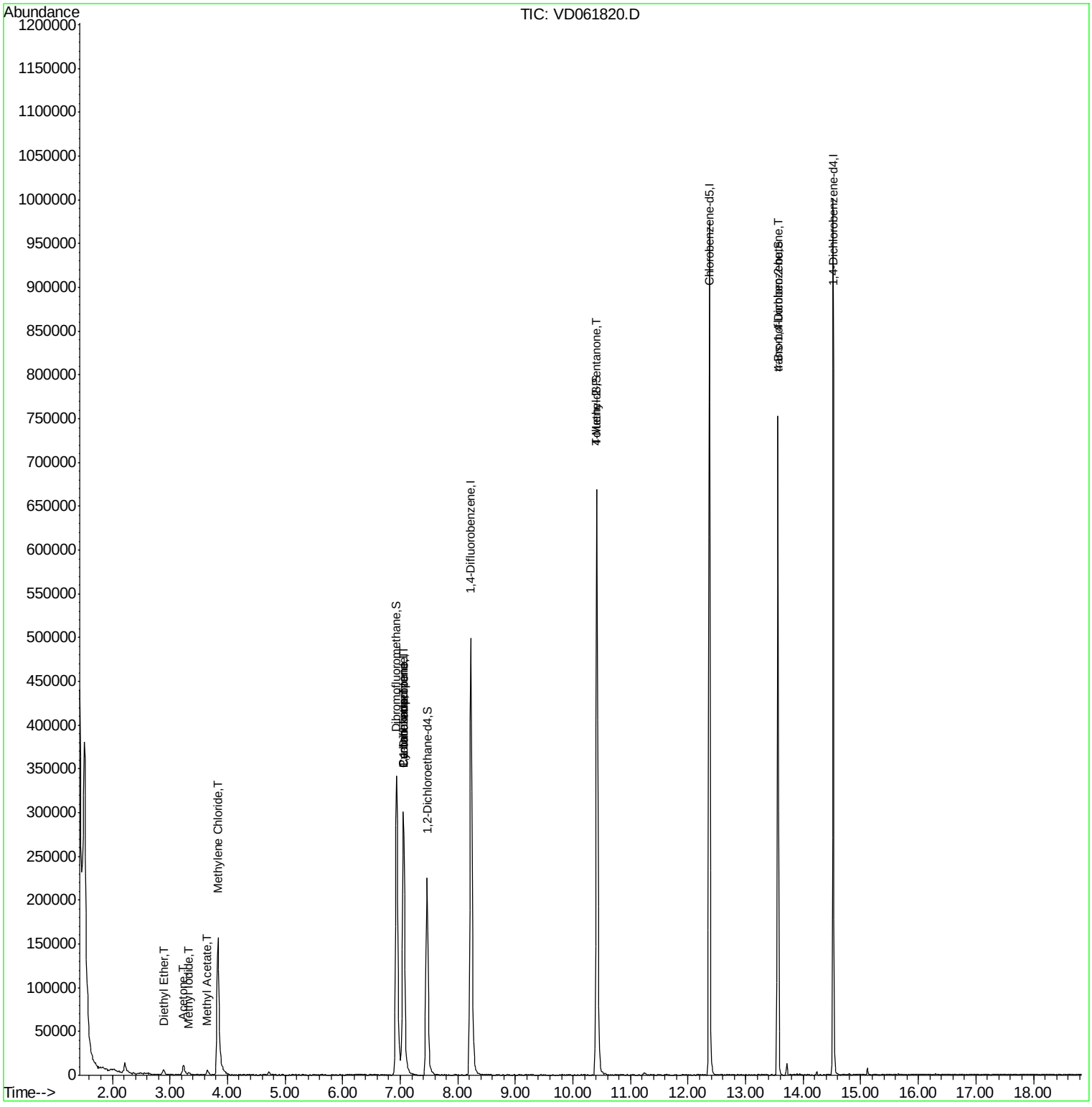
(#) = qualifier out of range (m) = manual integration (+) = signals summed

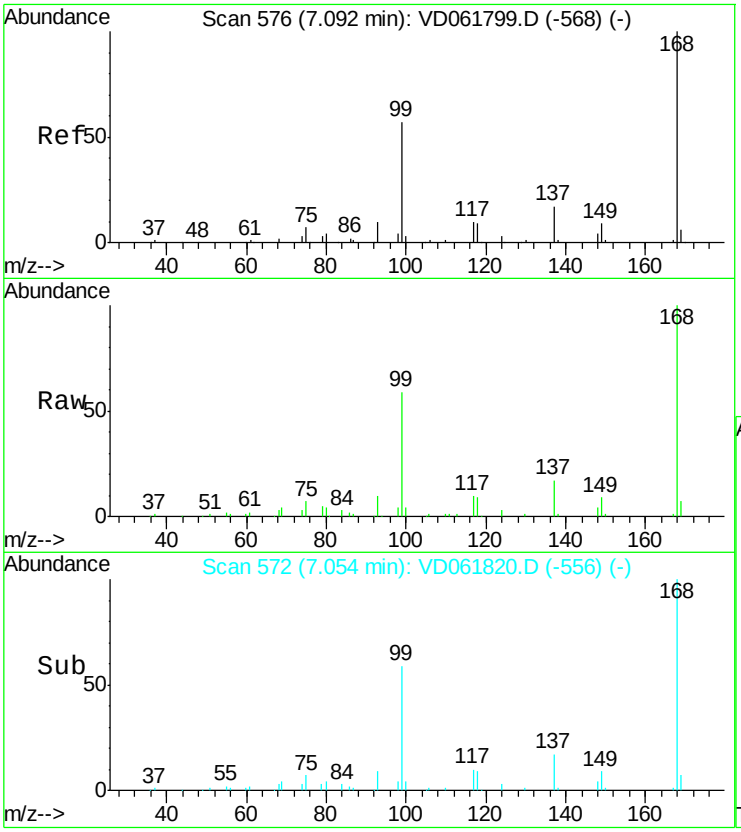
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041619\
Data File : VD061820.D
Acq On : 16 Apr 2019 19:50
Operator : VA/AP
Sample : K2377-02
Misc : 5.76g/5ml/MSVOA D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 17 00:59:22 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



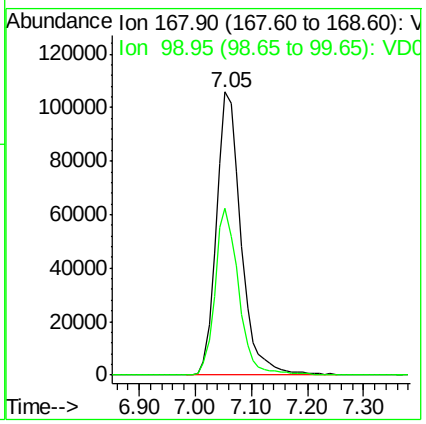


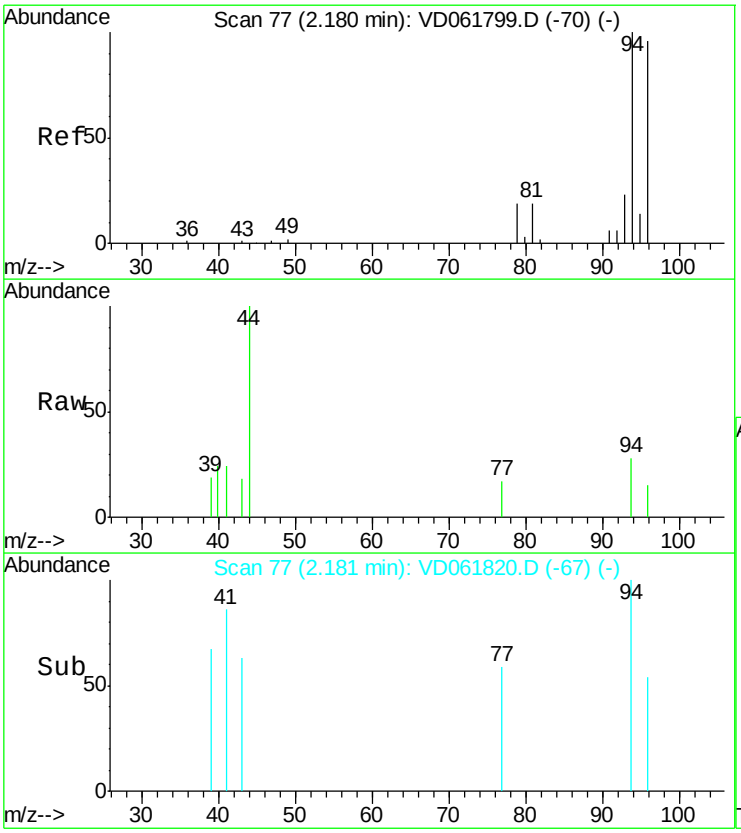
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.04 min
Lab File: VD061820.D
Acq: 16 Apr 2019 19:50

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 324670

Ion	Ratio	Lower	Upper
168	100		
99	59.0	46.5	69.7

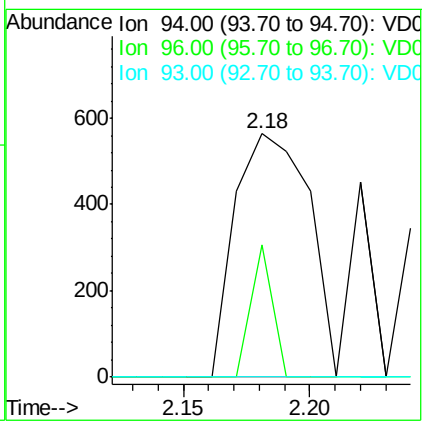


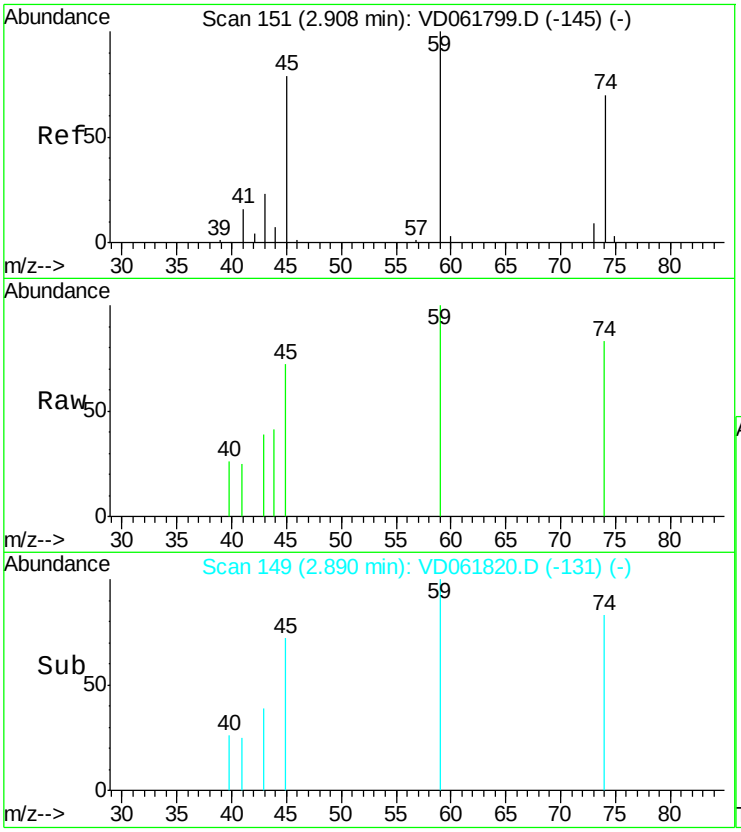


#5
Bromomethane
Concen: Below Cal
RT: 2.18 min Scan# 77
Delta R.T. 0.00 min
Lab File: VD061820.D
Acq: 16 Apr 2019 19:50

Tgt Ion: 94 Resp: 1151

Ion	Ratio	Lower	Upper
94	100		
96	54.4	76.6	115.0#
93	0.0	18.5	27.7#



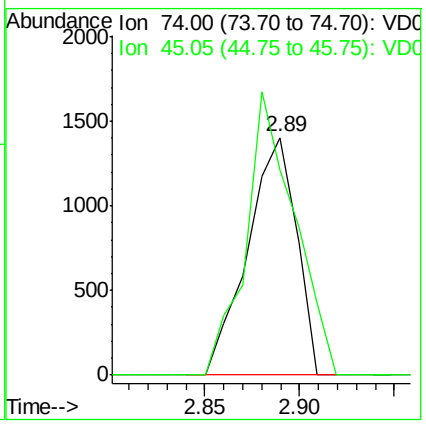


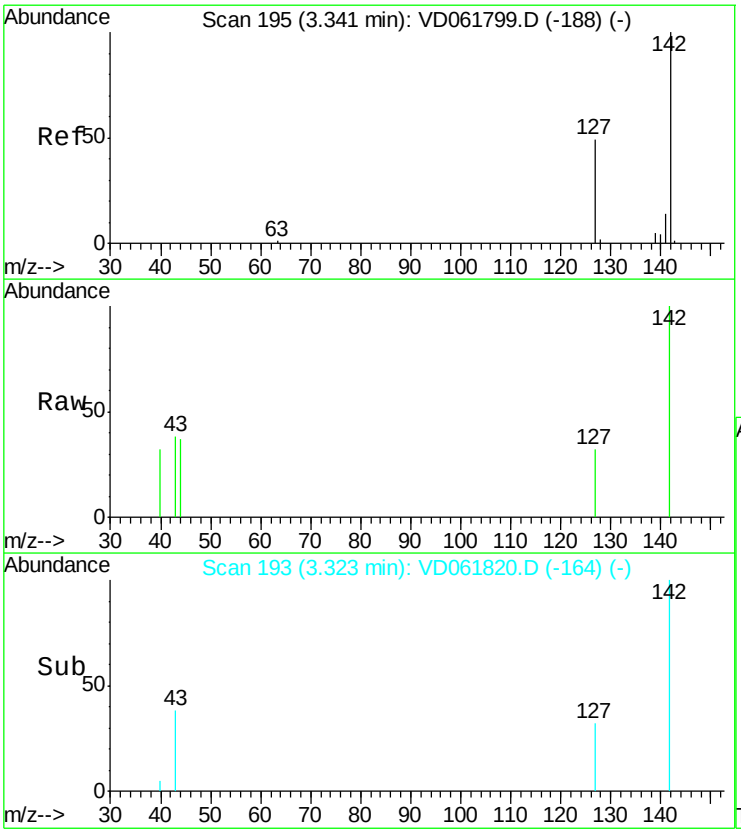
#8
Diethyl Ether
Concen: 2.359 ug/l
RT: 2.89 min Scan# 149
Delta R.T. -0.02 min
Lab File: VD061820.D
Acq: 16 Apr 2019 19:50

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 74 Resp: 2513

Ion	Ratio	Lower	Upper
74	100		
45	86.5	56.9	170.7

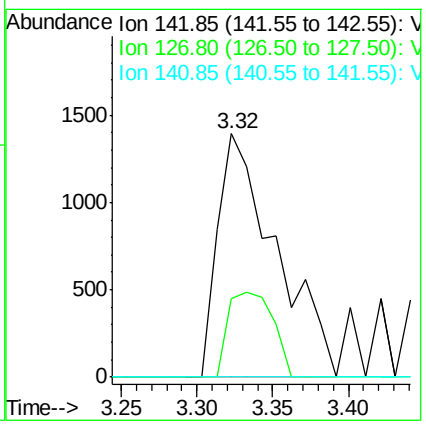


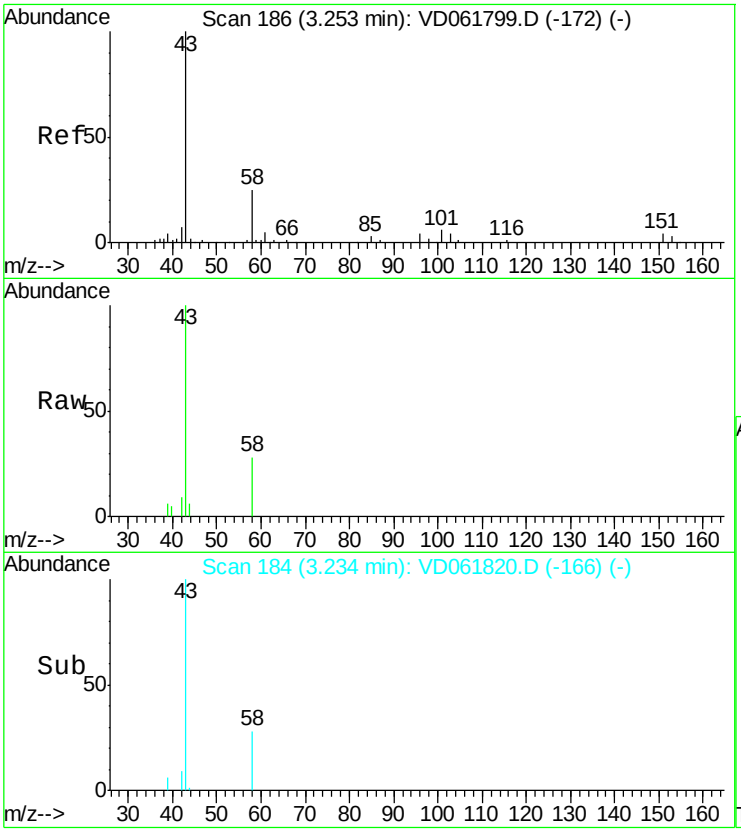


#10
Methyl Iodide
Concen: 4.113 ug/l
RT: 3.32 min Scan# 193
Delta R.T. -0.02 min
Lab File: VD061820.D
Acq: 16 Apr 2019 19:50

Tgt Ion:142 Resp: 3726

Ion	Ratio	Lower	Upper
142	100		
127	32.5	38.8	58.2#
141	0.0	11.4	17.0#



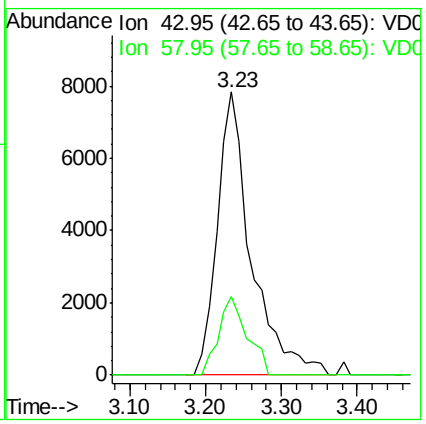


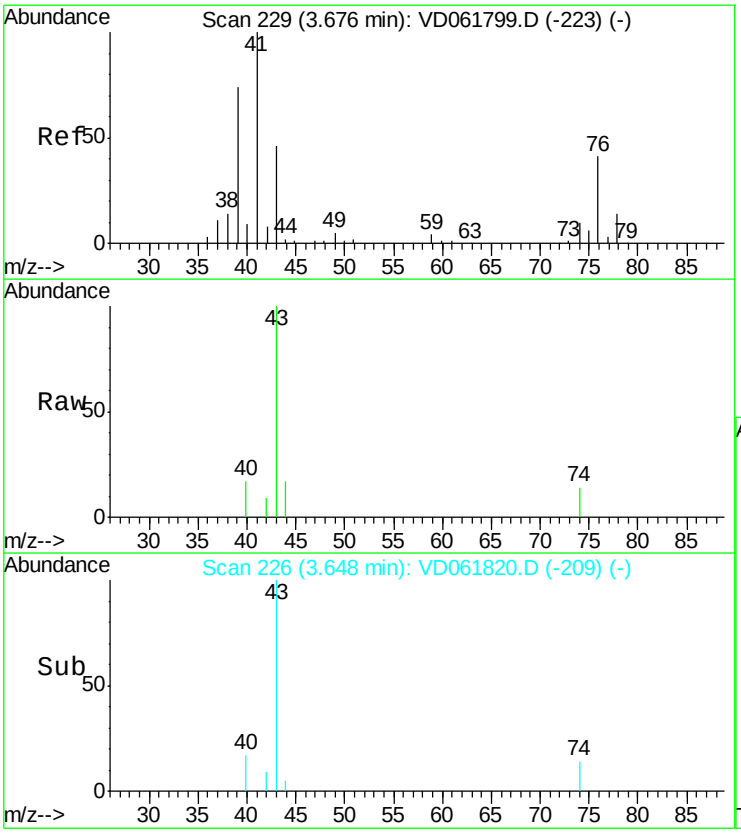
#16
Acetone
Concen: 36.339 ug/l
RT: 3.23 min Scan# 184
Delta R.T. -0.02 min
Lab File: VD061820.D
Acq: 16 Apr 2019 19:50

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 24370

Ion	Ratio	Lower	Upper
43	100		
58	27.7	19.9	29.9

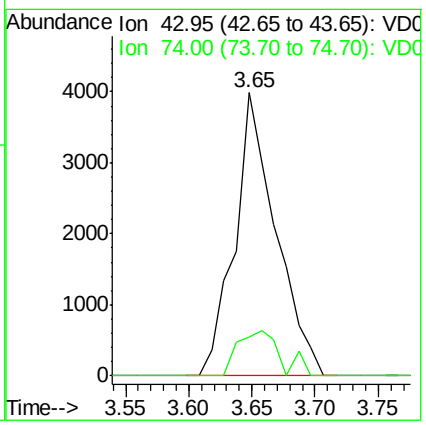


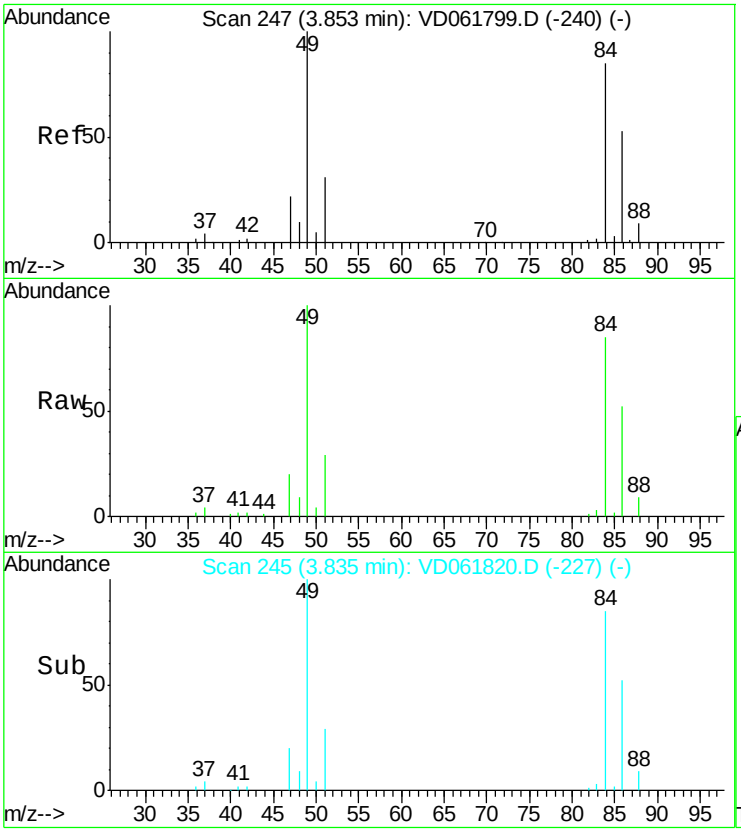


#18
Methyl Acetate
Concen: 6.696 ug/l
RT: 3.65 min Scan# 226
Delta R.T. -0.03 min
Lab File: VD061820.D
Acq: 16 Apr 2019 19:50

Tgt Ion: 43 Resp: 9001

Ion	Ratio	Lower	Upper
43	100		
74	13.9	18.0	27.0#



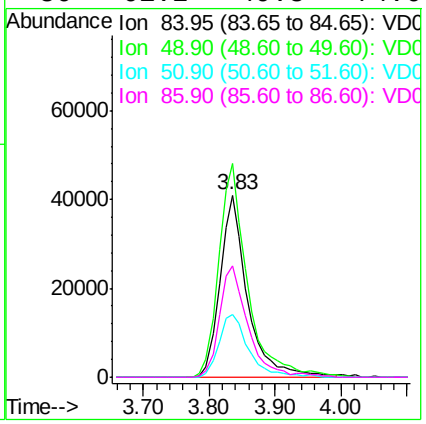


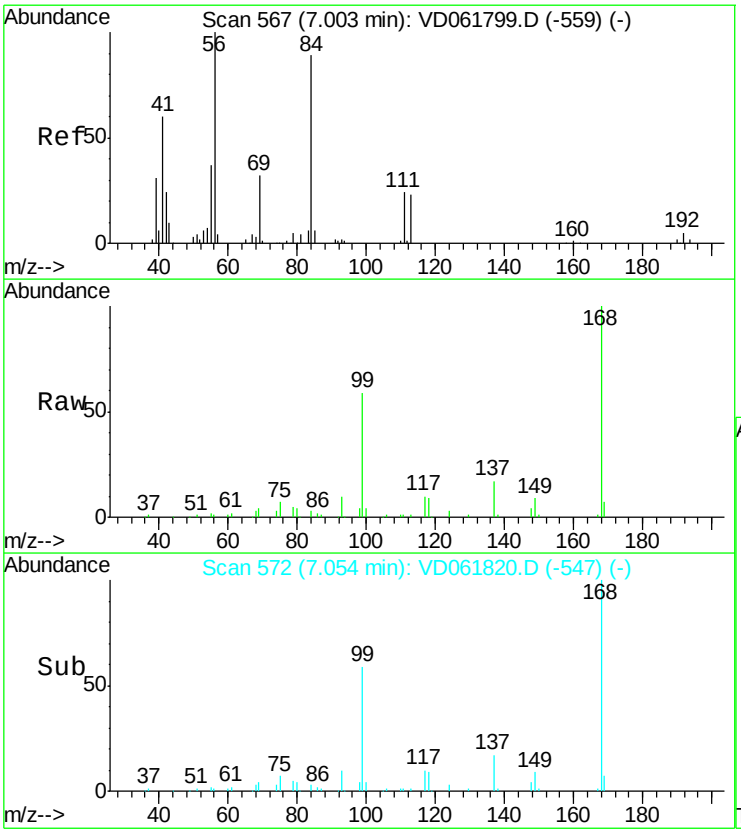
#20
Methylene Chloride
Concen: 34.138 ug/l
RT: 3.83 min Scan# 245
Delta R.T. -0.02 min
Lab File: VD061820.D
Acq: 16 Apr 2019 19:50

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 118650

Ion	Ratio	Lower	Upper
84	100		
49	117.4	94.0	141.0
51	34.6	29.0	43.4
86	61.2	49.8	74.6

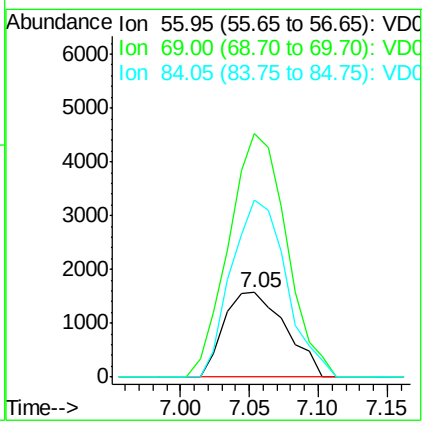


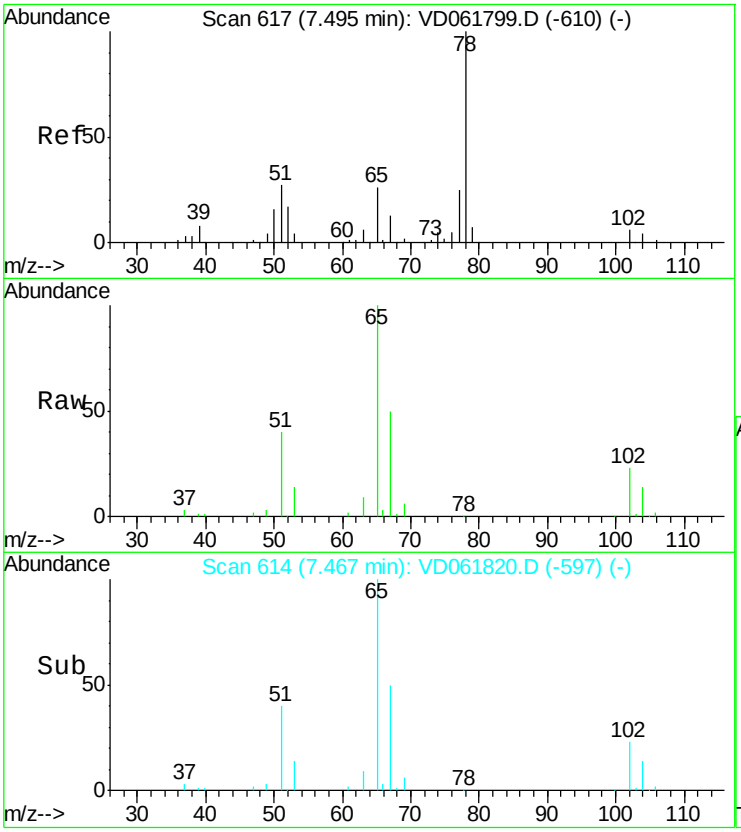


#31
Cyclohexane
Concen: 1.187 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.05 min
Lab File: VD061820.D
Acq: 16 Apr 2019 19:50

Tgt Ion: 56 Resp: 4891

Ion	Ratio	Lower	Upper
56	100		
69	287.1	25.8	38.6#
84	209.1	72.2	108.4#



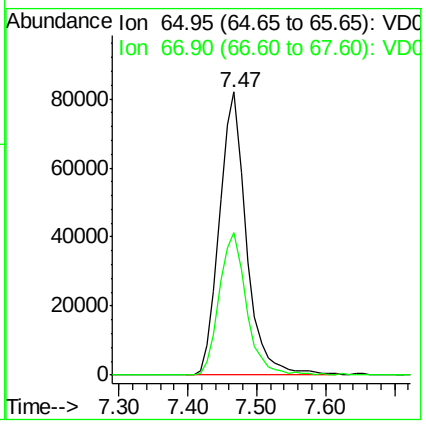


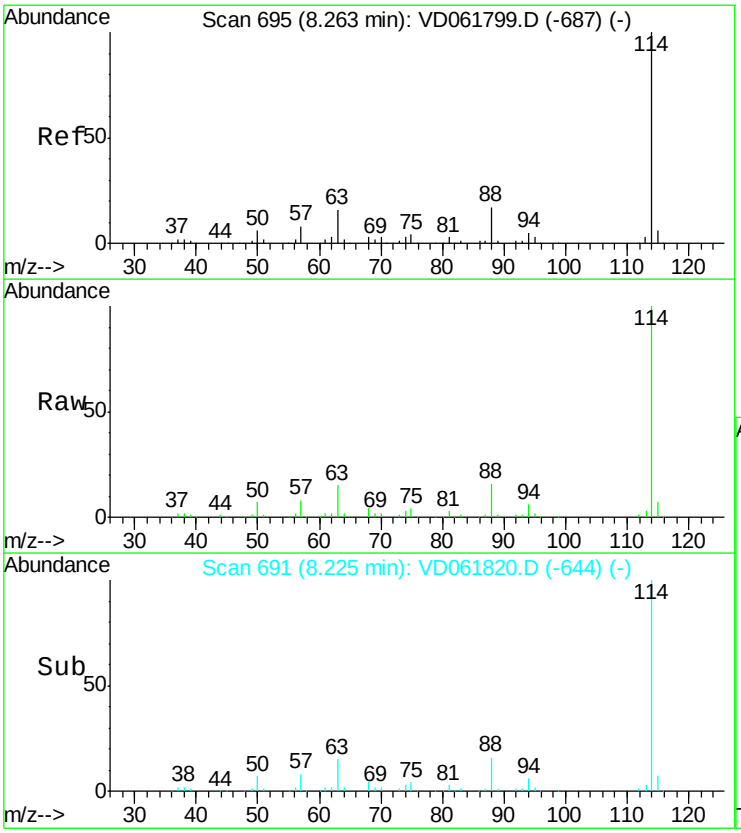
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.47 min Scan# 614
Delta R.T. -0.03 min
Lab File: VD061820.D
Acq: 16 Apr 2019 19:50

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 222181

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	98.0

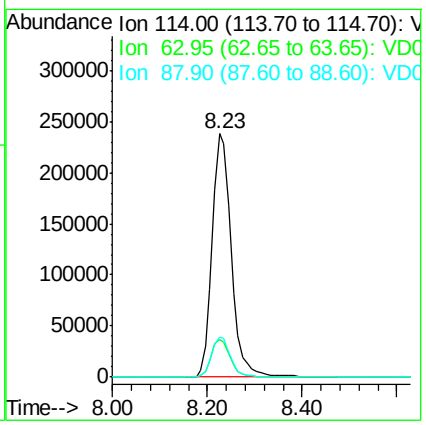


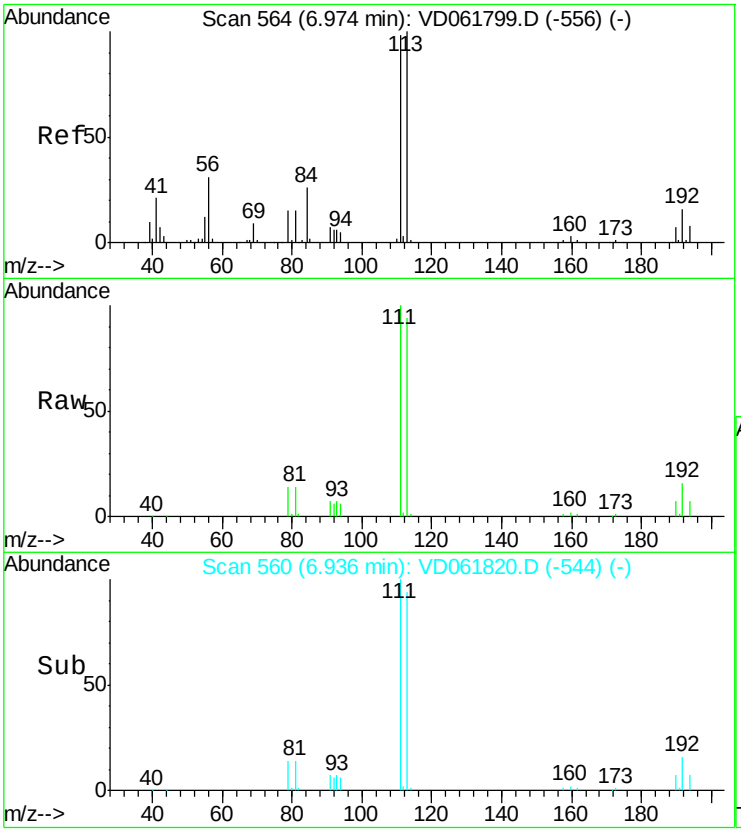


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 691
Delta R.T. -0.04 min
Lab File: VD061820.D
Acq: 16 Apr 2019 19:50

Tgt Ion:114 Resp: 668942

Ion	Ratio	Lower	Upper
114	100		
63	15.4	0.0	32.4
88	16.4	0.0	33.6



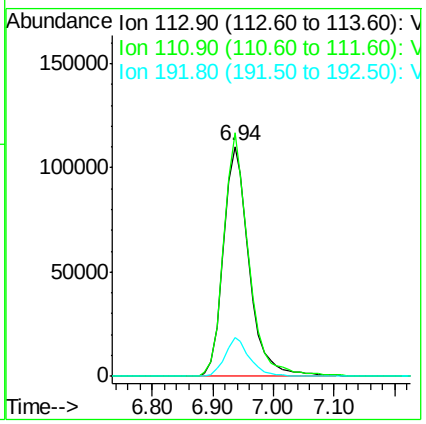


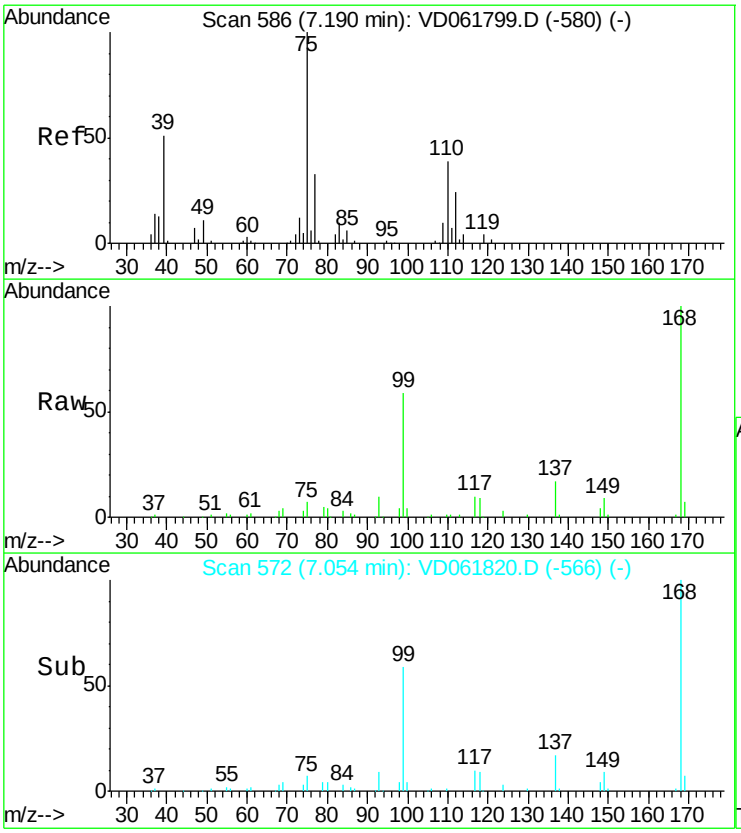
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.94 min Scan# 560
Delta R.T. -0.04 min
Lab File: VD061820.D
Acq: 16 Apr 2019 19:50

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 324769

Ion	Ratio	Lower	Upper
113	100		
111	105.8	78.5	117.7
192	16.9	13.0	19.4

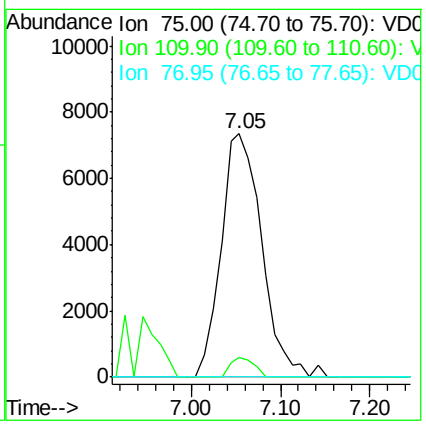


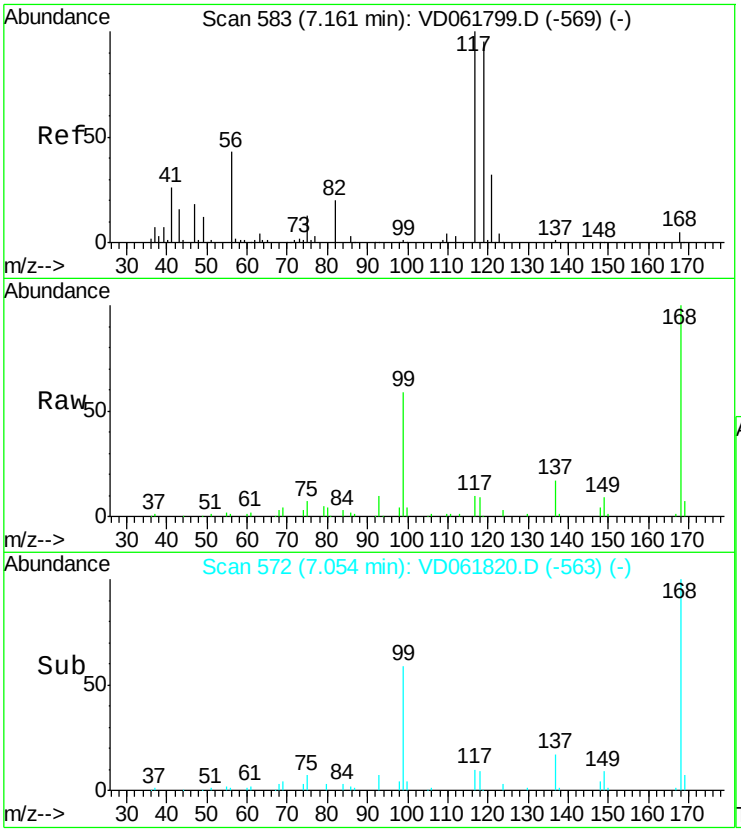


#36
1,1-Dichloropropene
Concen: 4.282 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.14 min
Lab File: VD061820.D
Acq: 16 Apr 2019 19:50

Tgt Ion: 75 Resp: 23406

Ion	Ratio	Lower	Upper
75	100		
110	7.9	19.1	57.1#
77	0.0	25.6	38.4#



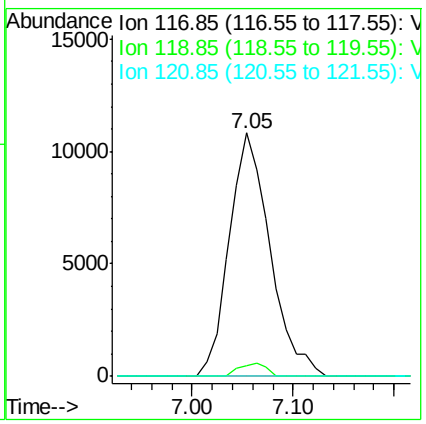


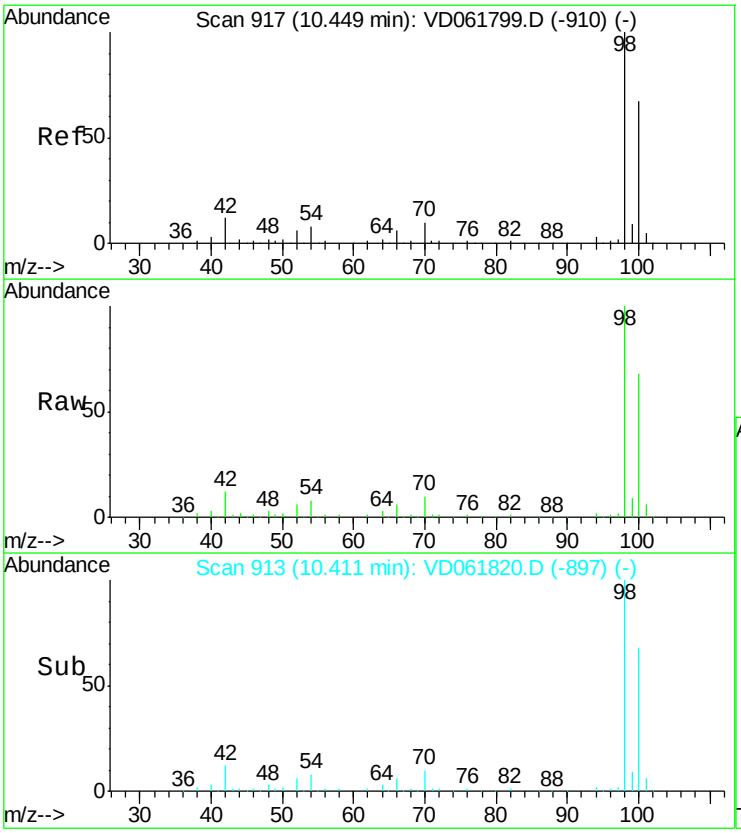
#38
Carbon Tetrachloride
Concen: 4.416 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.11 min
Lab File: VD061820.D
Acq: 16 Apr 2019 19:50

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 30480

Ion	Ratio	Lower	Upper
117	100		
119	4.2	75.8	113.8#
121	0.0	25.9	38.9#

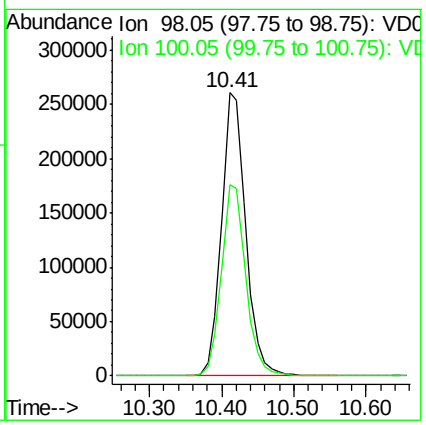


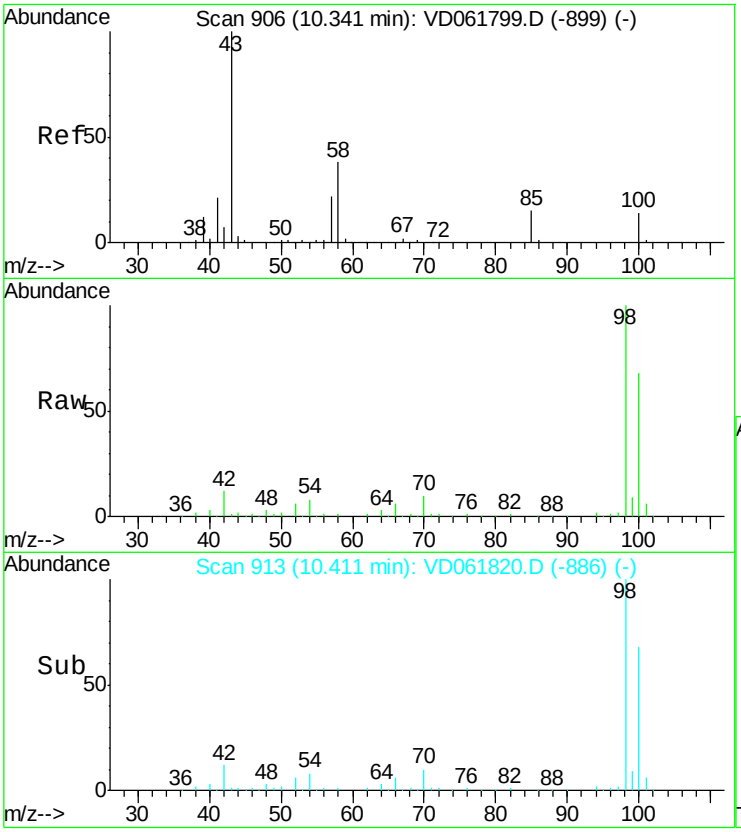


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.04 min
Lab File: VD061820.D
Acq: 16 Apr 2019 19:50

Tgt Ion: 98 Resp: 604794

Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.8	80.8



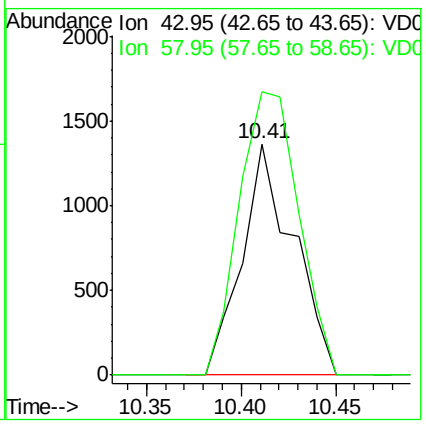


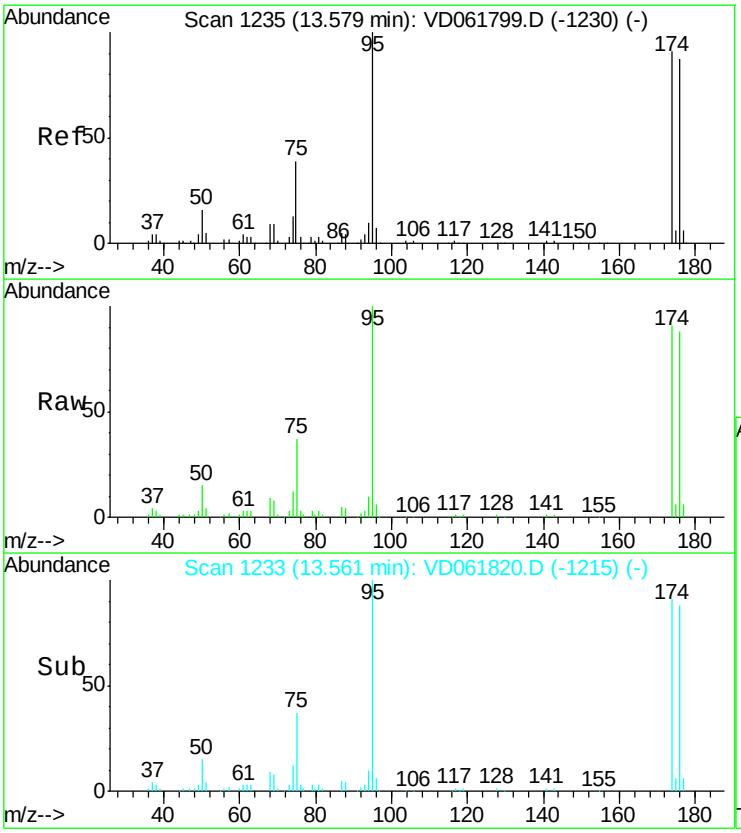
#51
4-Methyl-2-Pentanone
Concen: 1.283 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.07 min
Lab File: VD061820.D
Acq: 16 Apr 2019 19:50

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 2583

Ion	Ratio	Lower	Upper
43	100		
58	122.4	30.4	45.6#

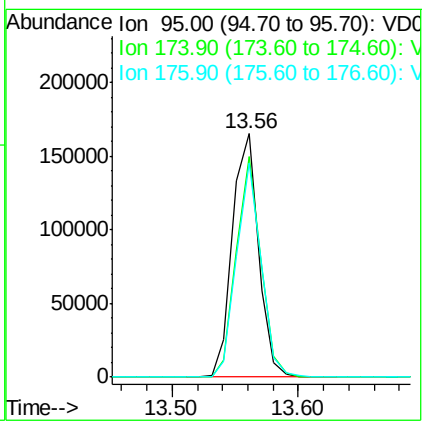


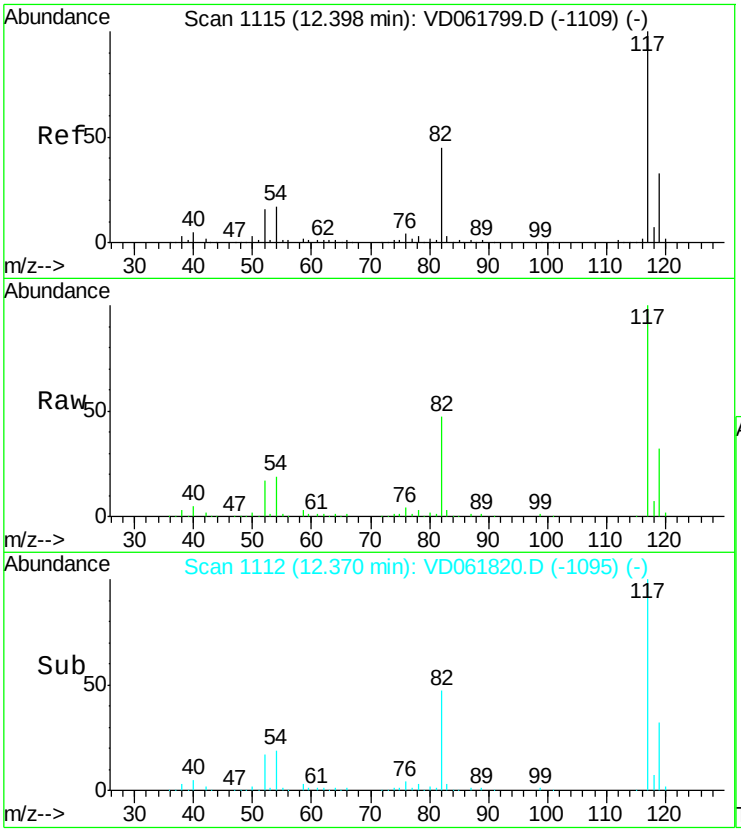


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.02 min
Lab File: VD061820.D
Acq: 16 Apr 2019 19:50

Tgt Ion: 95 Resp: 234905

Ion	Ratio	Lower	Upper
95	100		
174	90.6	0.0	181.8
176	88.2	0.0	174.4



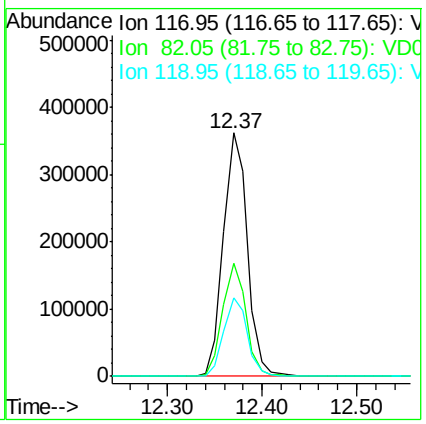


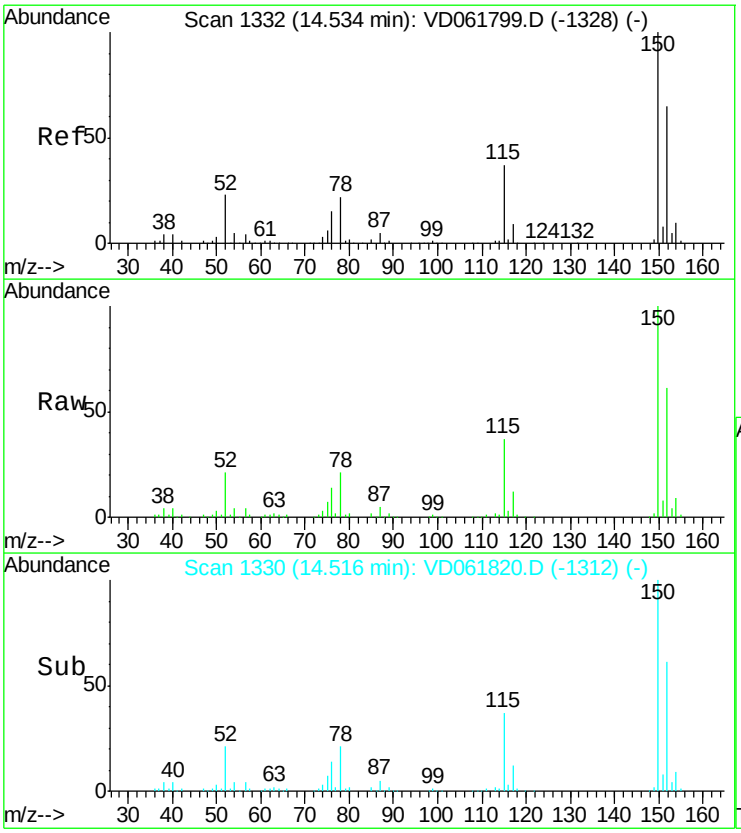
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.03 min
Lab File: VD061820.D
Acq: 16 Apr 2019 19:50

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 636568

Ion	Ratio	Lower	Upper
117	100		
82	46.7	36.2	54.2
119	32.1	26.2	39.4

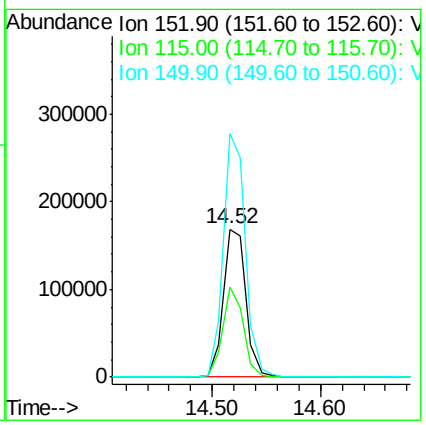


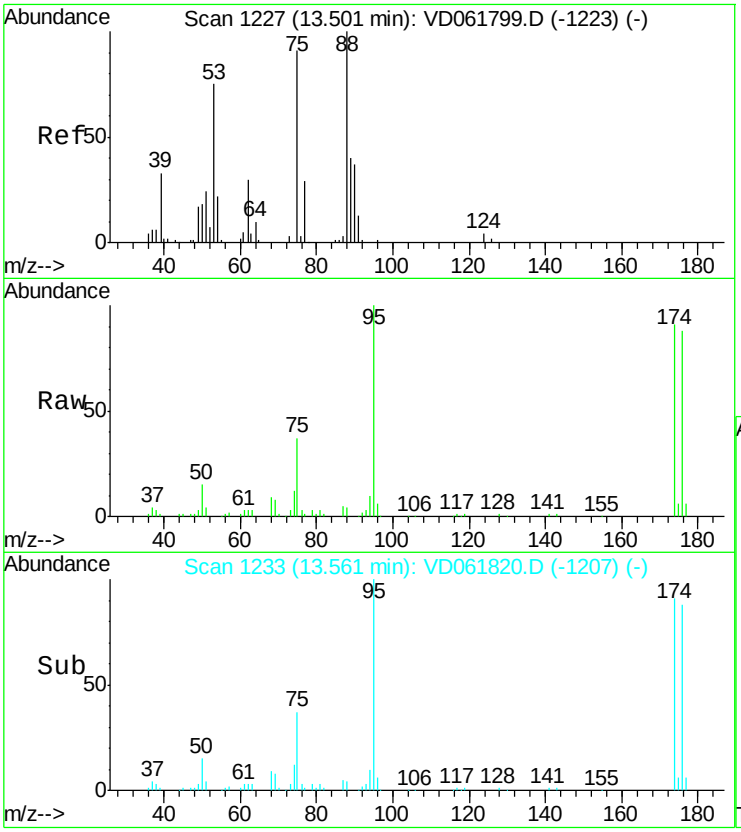


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.02 min
Lab File: VD061820.D
Acq: 16 Apr 2019 19:50

Tgt Ion:152 Resp: 245368

Ion	Ratio	Lower	Upper
152	100		
115	61.3	30.9	92.7
150	164.7	0.0	314.8





#81
trans-1,4-Dichloro-2-butene
Concen: 83.712 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.06 min
Lab File: VD061820.D
Acq: 16 Apr 2019 19:50

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 89938

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