Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041619\
Data File : VD061811.D
Acq On : 16 Apr 2019 15:11
Operator : VA/AP
Sample : K2196-03
Misc : 6.39g/5ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : HD-02-041119

Quant Time: Apr 16 15:37:49 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	607259	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.23	114	997548	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.38	117	644666	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	202715	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	213732	42.00	ug/l	-0.03
Spiked Amount 50.000			Recovery = 84.00%			
35) Dibromofluoromethane	6.94	113	309654	41.09	ug/l	-0.03
Spiked Amount 50.000			Recovery = 82.18%			
50) Toluene-d8	10.42	98	521034	29.18	ug/l	-0.03
Spiked Amount 50.000			Recovery = 58.36%			
62) 4-Bromofluorobenzene	13.56	95	177365	24.51	ug/l	-0.02
Spiked Amount 50.000			Recovery = 49.02%			
Target Compounds						Qvalue
5) Bromomethane	2.19	94	215	Below Cal	#	12
8) Diethyl Ether	2.89	74	3634	1.824	ug/l	97
10) Methyl Iodide	3.33	142	1329	3.629	ug/l #	37
11) Tert butyl alcohol	4.10	59	791	2.635	ug/l #	76
16) Acetone	3.23	43	21644	17.255	ug/l #	87
20) Methylene Chloride	3.84	84	88695	10.612	ug/l	98
36) 1,1-Dichloropropene	7.06	75	45544	5.587	ug/l #	46
38) Carbon Tetrachloride	7.06	117	59770	5.807	ug/l #	17
81) trans-1,4-Dichloro-2-buten	13.56	75	66642	75.423	ug/l #	16
95) Naphthalene	16.13	128	4675	1.017	ug/l #	88

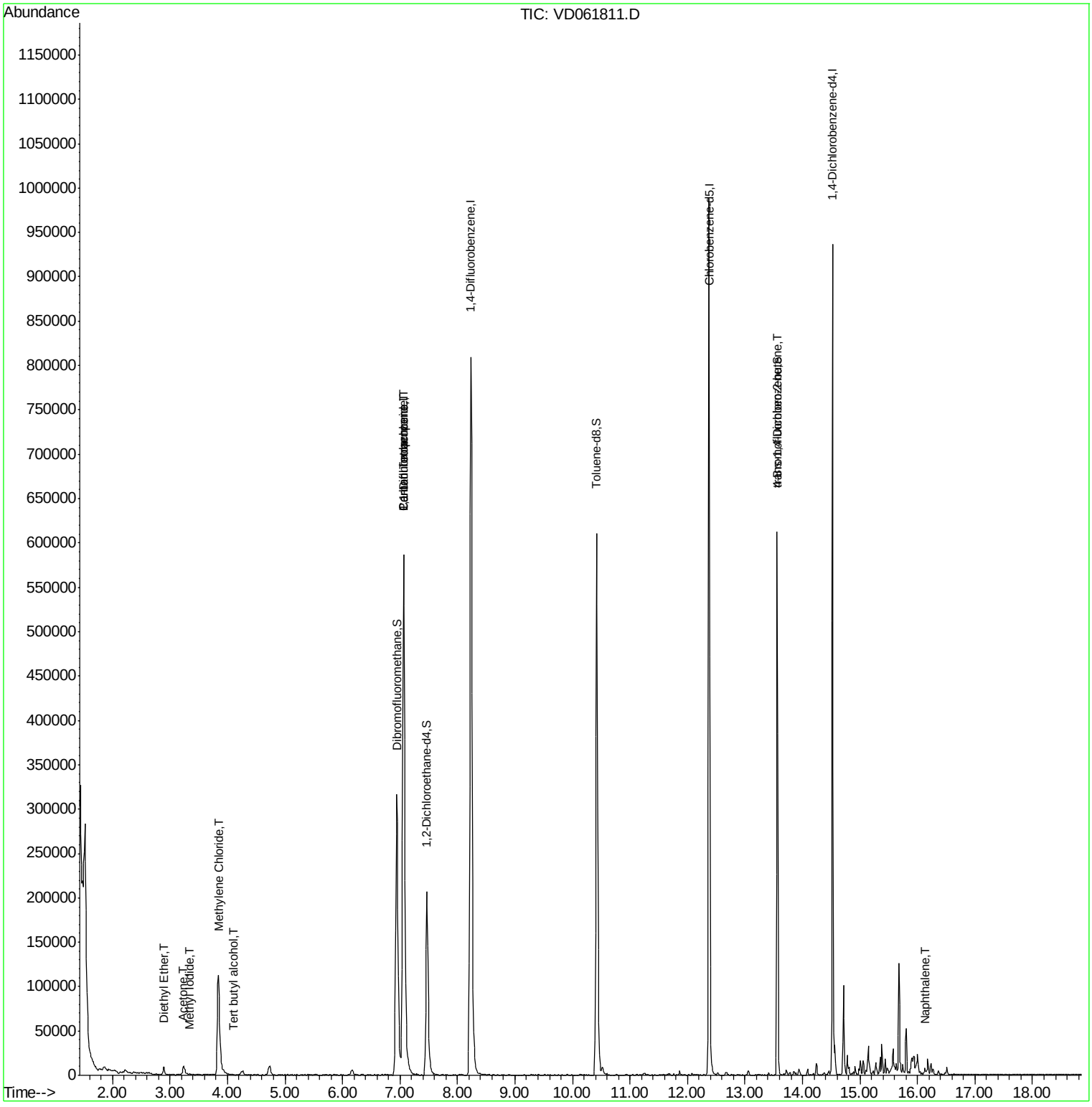
(#) = qualifier out of range (m) = manual integration (+) = signals summed

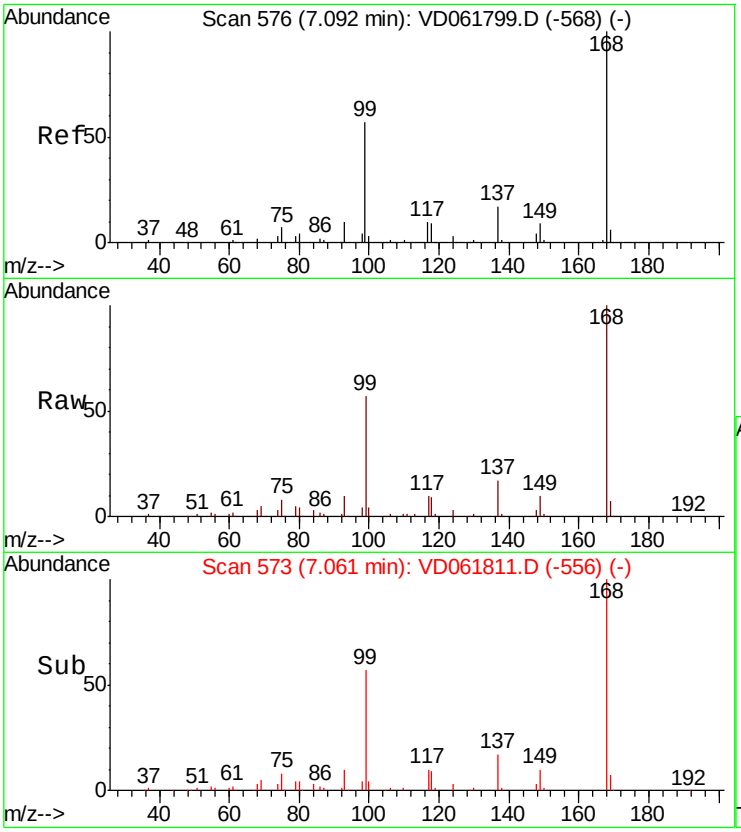
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041619\
Data File : VD061811.D
Acq On : 16 Apr 2019 15:11
Operator : VA/AP
Sample : K2196-03
Misc : 6.39g/5ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HD-02-041119

Quant Time: Apr 16 15:37:49 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



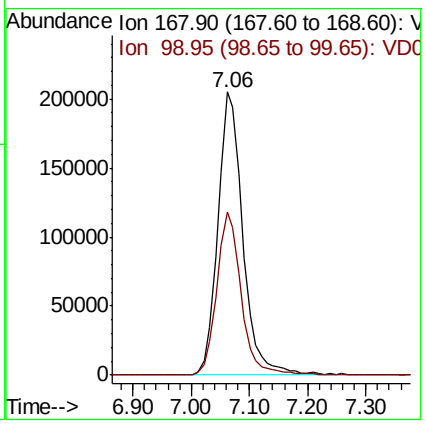


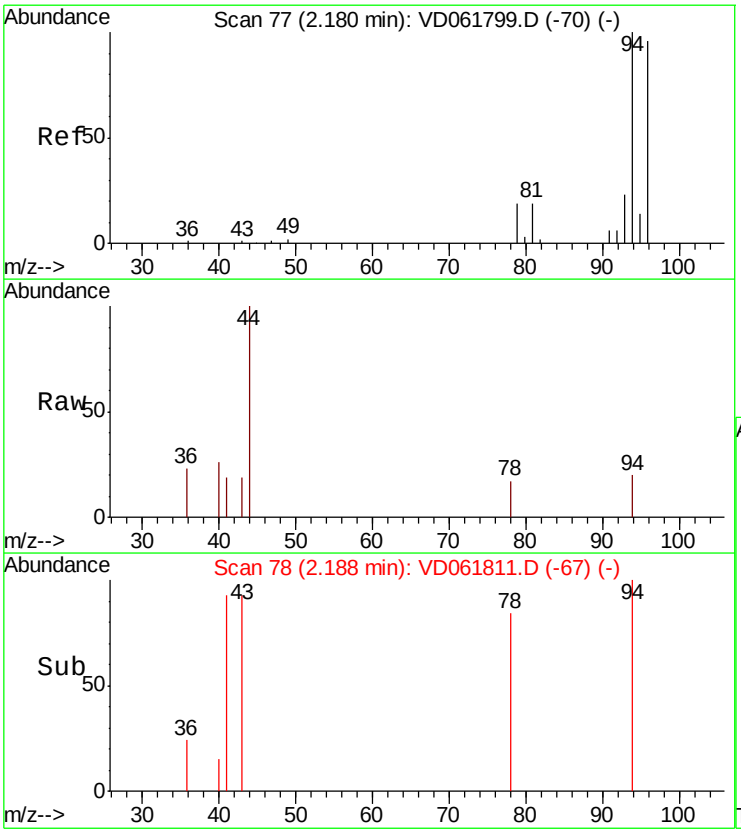
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 573
Delta R.T. -0.03 min
Lab File: VD061811.D
Acq: 16 Apr 2019 15:11

Instrument :
MSVOA_D
ClientSampleId :
HD-02-041119

Tgt Ion:168 Resp: 607259

Ion	Ratio	Lower	Upper
168	100		
99	57.4	46.5	69.7

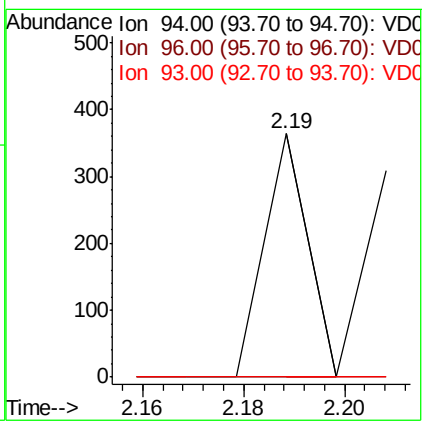


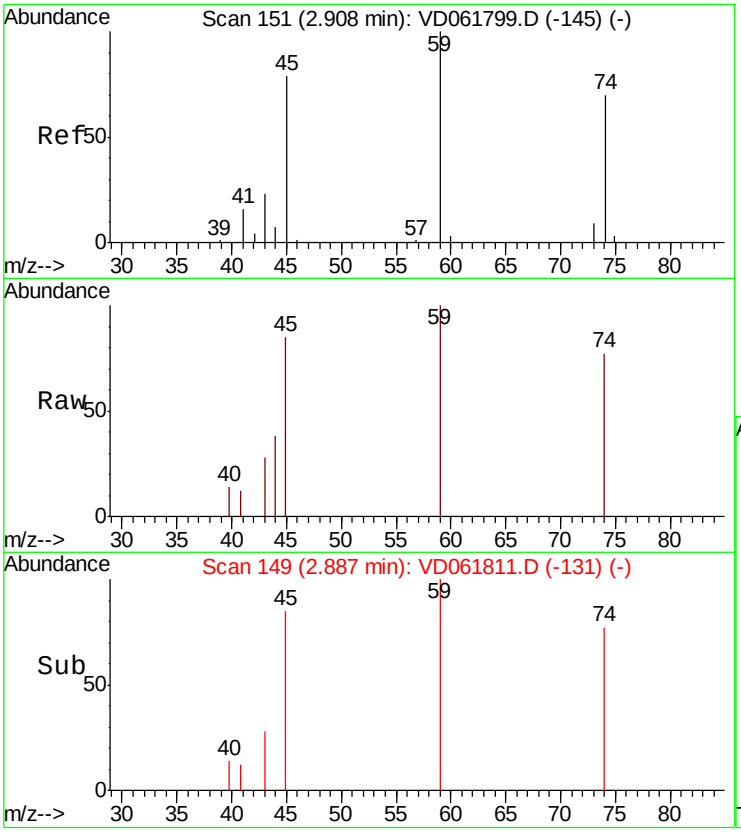


#5
Bromomethane
Concen: Below Cal
RT: 2.19 min Scan# 78
Delta R.T. 0.01 min
Lab File: VD061811.D
Acq: 16 Apr 2019 15:11

Tgt Ion: 94 Resp: 215

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



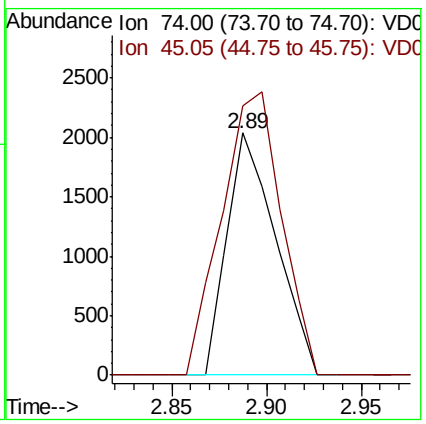


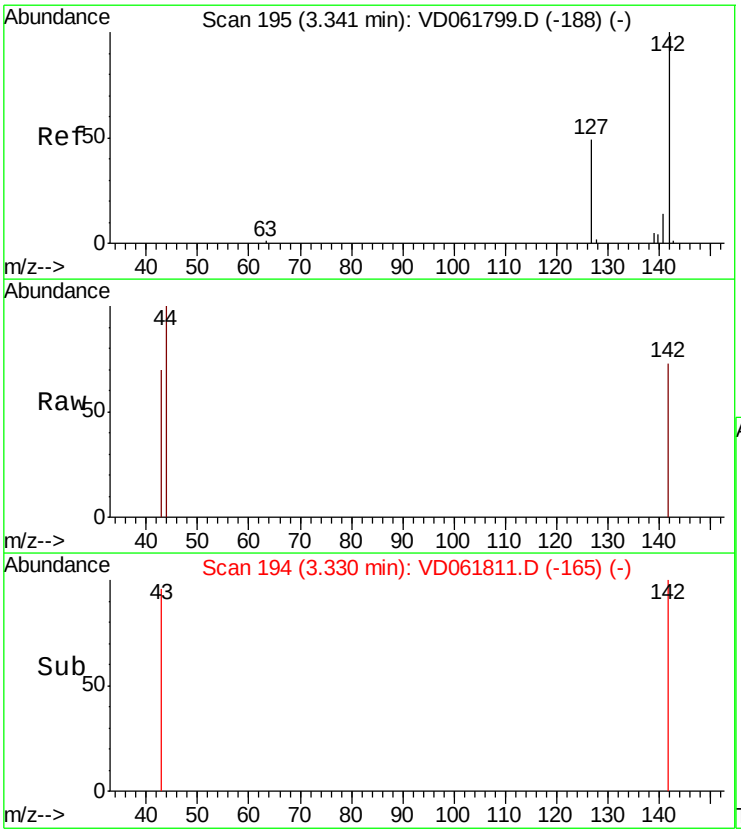
#8
Diethyl Ether
Concen: 1.824 ug/l
RT: 2.89 min Scan# 149
Delta R.T. -0.02 min
Lab File: VD061811.D
Acq: 16 Apr 2019 15:11

Instrument :
MSVOA_D
ClientSampleId :
HD-02-041119

Tgt Ion: 74 Resp: 3634

Ion	Ratio	Lower	Upper
74	100		
45	111.1	56.9	170.7

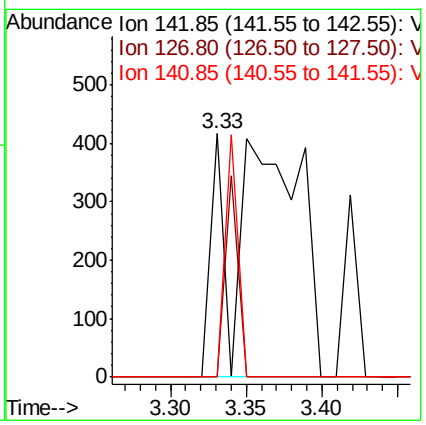


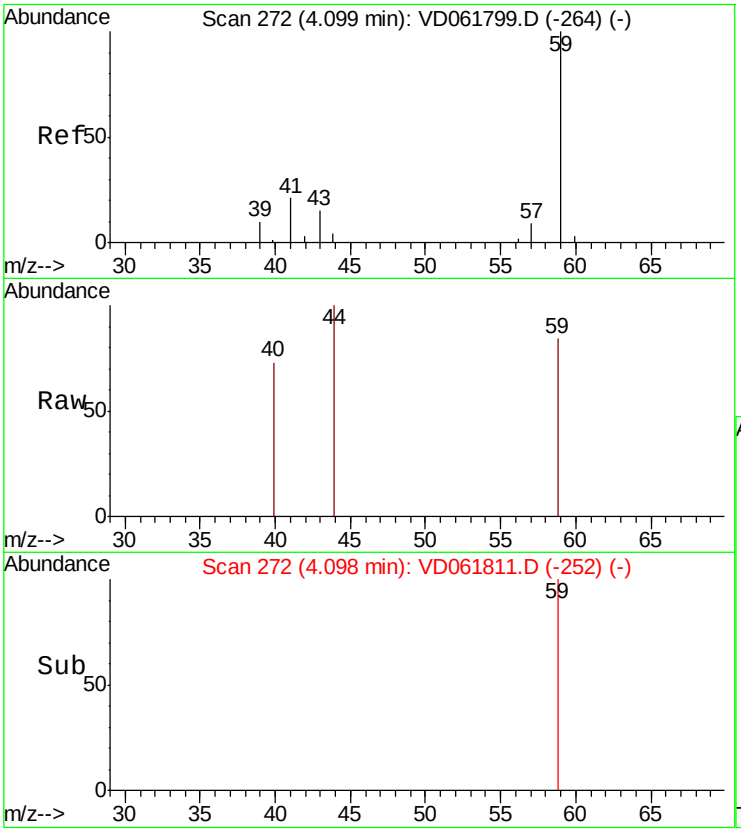


#10
Methyl Iodide
Concen: 3.629 ug/l
RT: 3.33 min Scan# 194
Delta R.T. -0.01 min
Lab File: VD061811.D
Acq: 16 Apr 2019 15:11

Tgt Ion:142 Resp: 1329

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



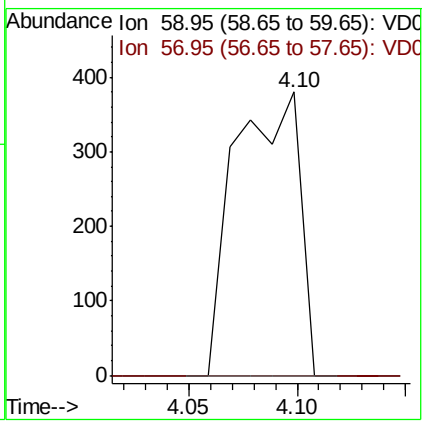


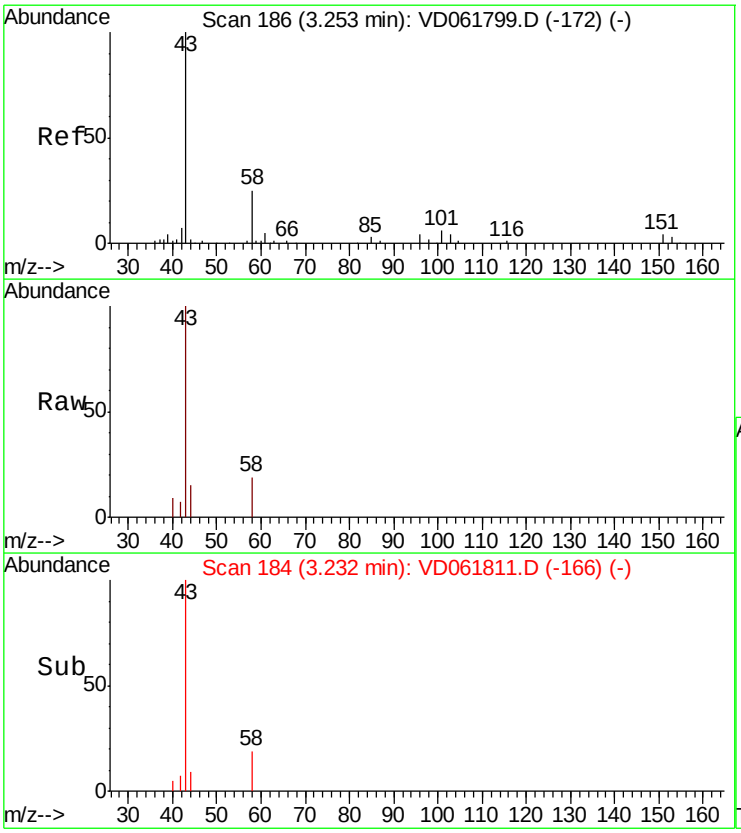
#11
Tert butyl alcohol
Concen: 2.635 ug/l
RT: 4.10 min Scan# 272
Delta R.T. -0.00 min
Lab File: VD061811.D
Acq: 16 Apr 2019 15:11

Instrument : MSVOA_D
ClientSampleId : HD-02-041119

Tgt Ion: 59 Resp: 791

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.9	10.3#

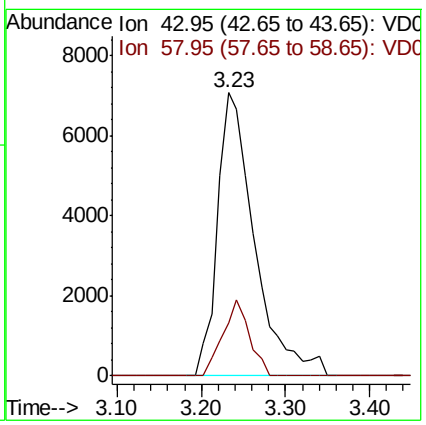


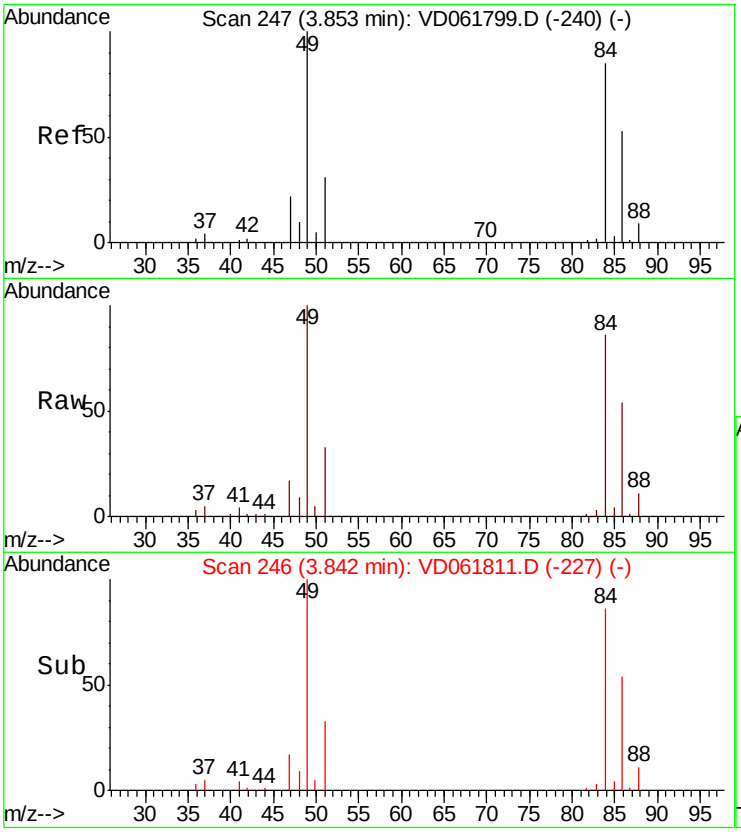


#16
Acetone
Concen: 17.255 ug/l
RT: 3.23 min Scan# 184
Delta R.T. -0.02 min
Lab File: VD061811.D
Acq: 16 Apr 2019 15:11

Tgt Ion: 43 Resp: 21644

Ion	Ratio	Lower	Upper
43	100		
58	18.5	19.9	29.9#



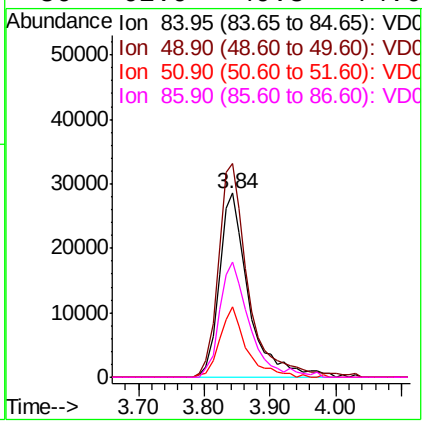


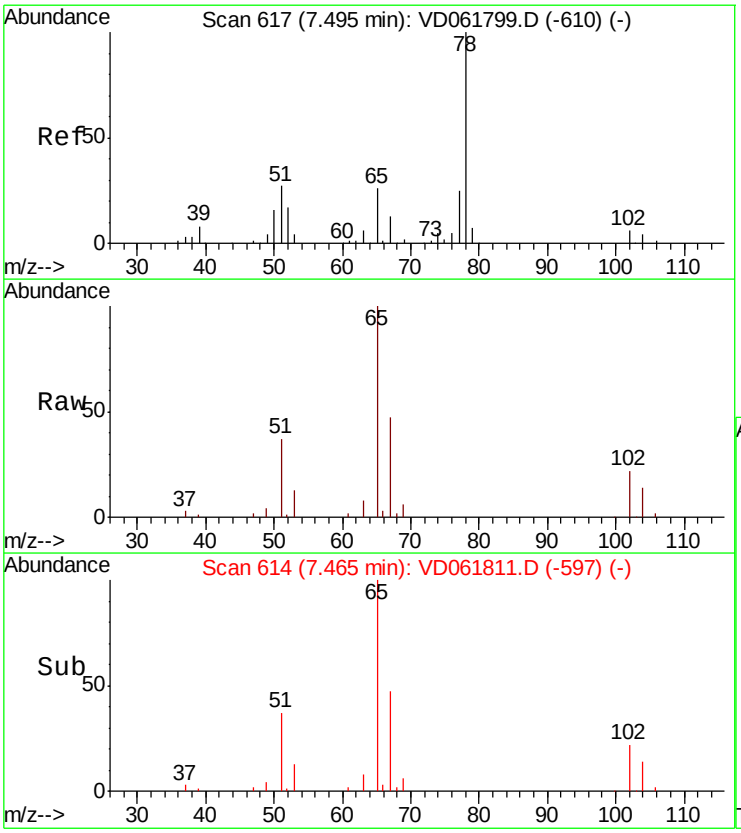
#20
Methylene Chloride
Concen: 10.612 ug/l
RT: 3.84 min Scan# 246
Delta R.T. -0.01 min
Lab File: VD061811.D
Acq: 16 Apr 2019 15:11

Instrument : MSVOA_D
ClientSampleId : HD-02-041119

Tgt Ion: 84 Resp: 88695

Ion	Ratio	Lower	Upper
84	100		
49	116.2	94.0	141.0
51	38.4	29.0	43.4
86	62.9	49.8	74.6

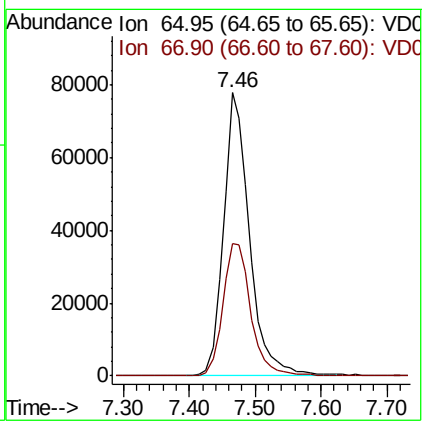


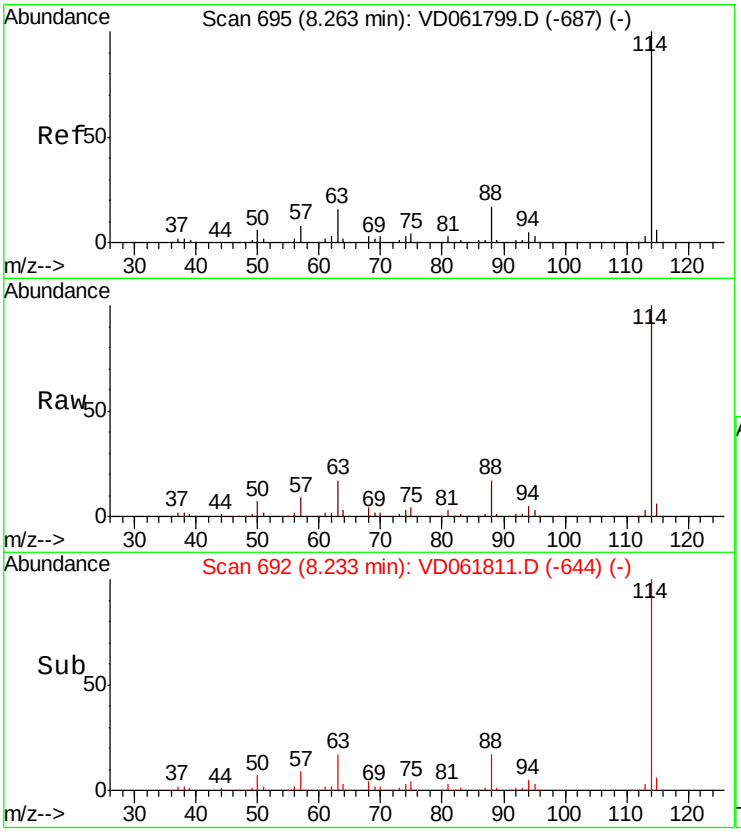


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 614
Delta R.T. -0.03 min
Lab File: VD061811.D
Acq: 16 Apr 2019 15:11

Tgt Ion: 65 Resp: 213732

Ion	Ratio	Lower	Upper
65	100		
67	46.9	0.0	98.0



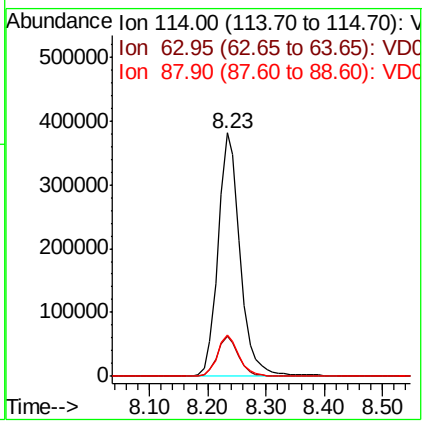


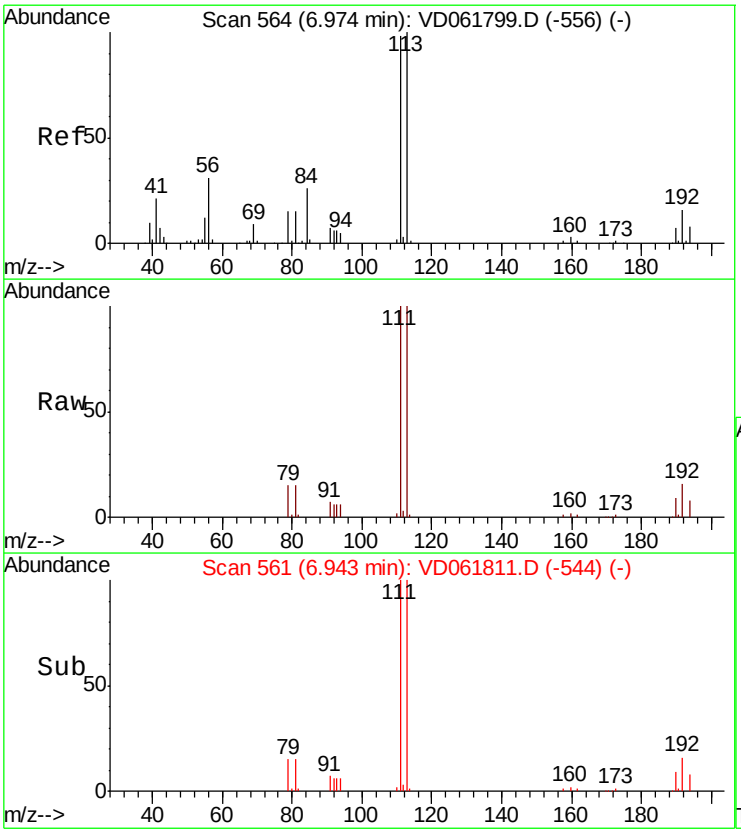
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 692
Delta R.T. -0.03 min
Lab File: VD061811.D
Acq: 16 Apr 2019 15:11

Instrument :
MSVOA_D
ClientSampleId :
HD-02-041119

Tgt Ion:114 Resp: 997548

Ion	Ratio	Lower	Upper
114	100		
63	16.6	0.0	32.4
88	17.0	0.0	33.6

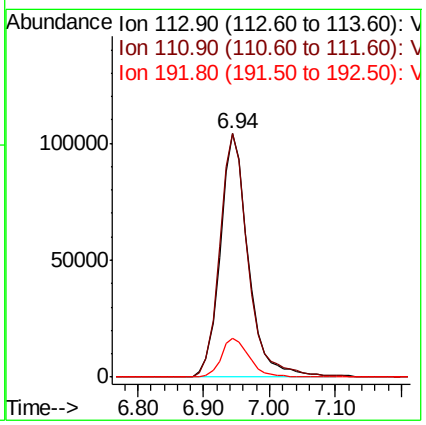


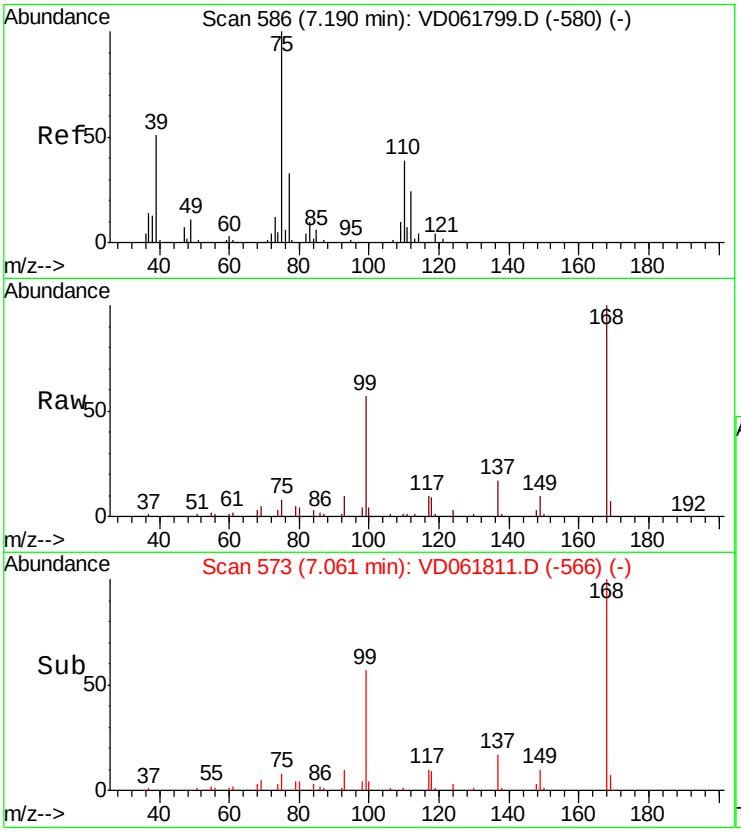


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.94 min Scan# 561
Delta R.T. -0.03 min
Lab File: VD061811.D
Acq: 16 Apr 2019 15:11

Tgt Ion:113 Resp: 309654

Ion	Ratio	Lower	Upper
113	100		
111	100.0	78.5	117.7
192	16.2	13.0	19.4



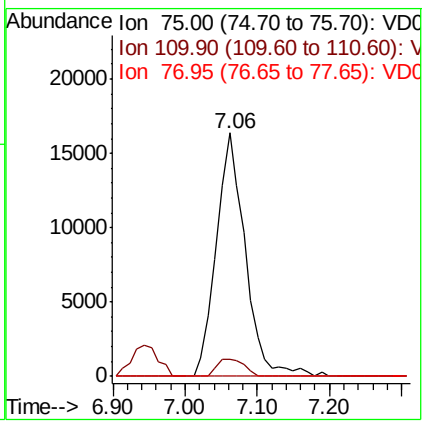


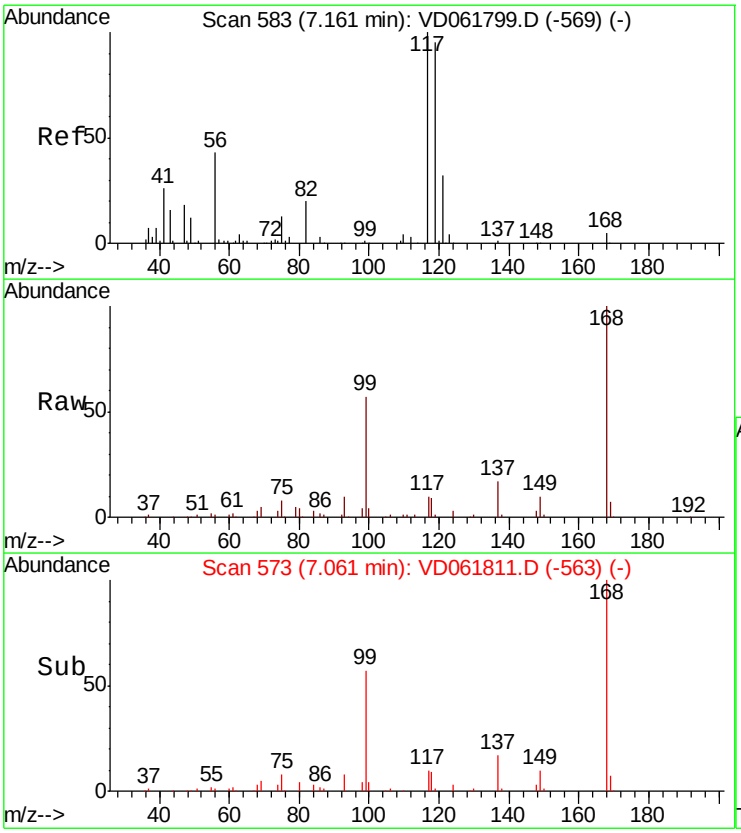
#36
1,1-Dichloropropene
Concen: 5.587 ug/l
RT: 7.06 min Scan# 573
Delta R.T. -0.13 min
Lab File: VD061811.D
Acq: 16 Apr 2019 15:11

Instrument :
MSVOA_D
ClientSampleId :
HD-02-041119

Tgt Ion: 75 Resp: 45544

Ion	Ratio	Lower	Upper
75	100		
110	6.8	19.1	57.1#
77	0.0	25.6	38.4#

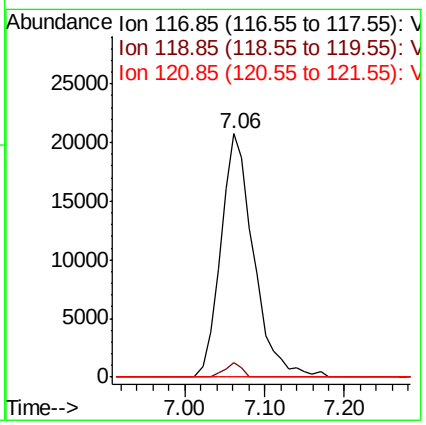


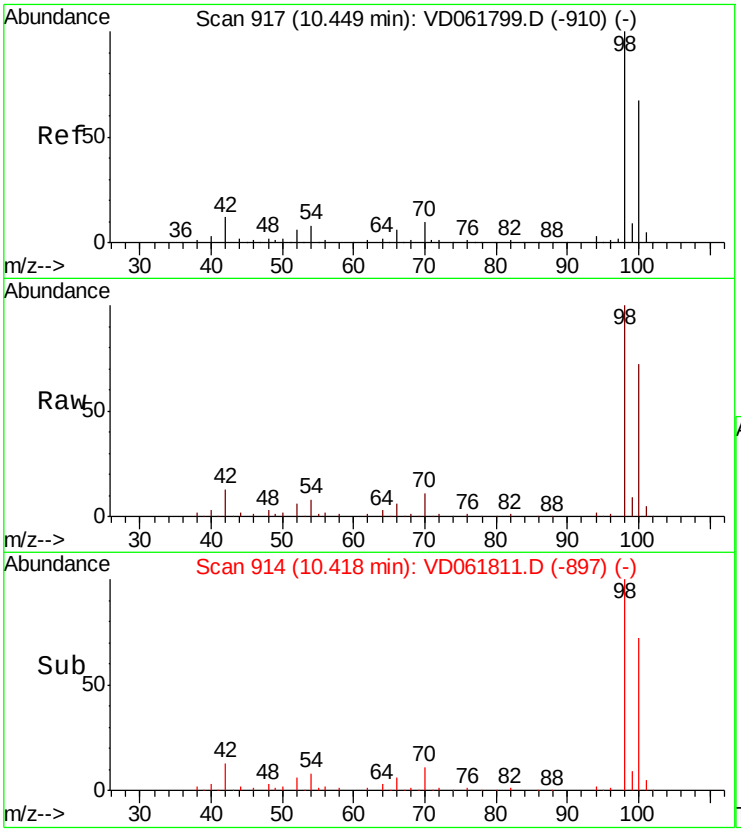


#38
Carbon Tetrachloride
Concen: 5.807 ug/l
RT: 7.06 min Scan# 573
Delta R.T. -0.10 min
Lab File: VD061811.D
Acq: 16 Apr 2019 15:11

Tgt Ion:117 Resp: 59770

Ion	Ratio	Lower	Upper
117	100		
119	6.0	75.8	113.8#
121	0.0	25.9	38.9#



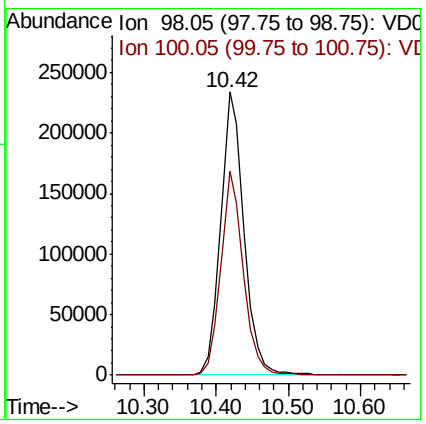


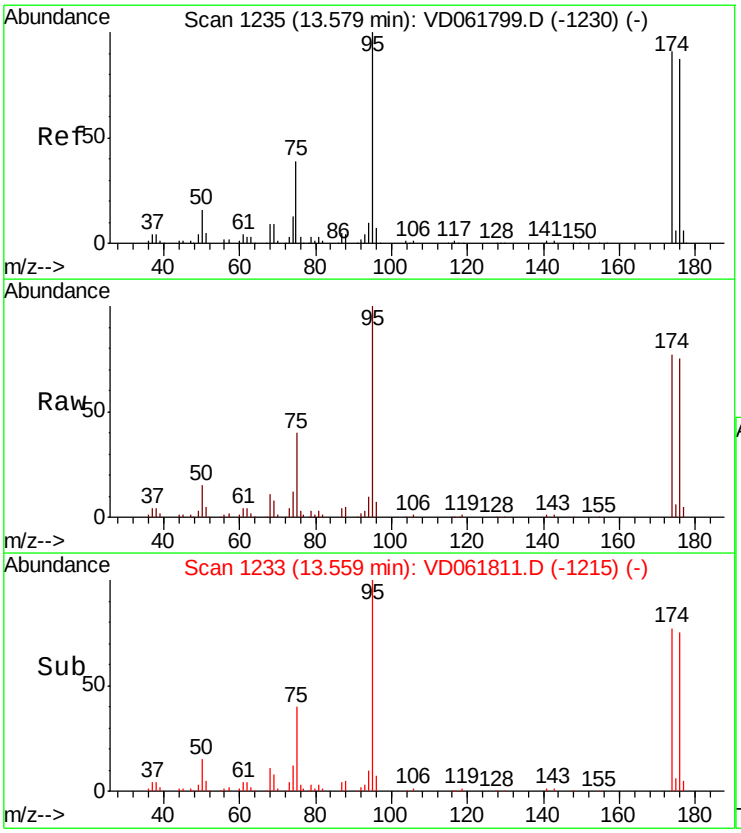
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. -0.03 min
Lab File: VD061811.D
Acq: 16 Apr 2019 15:11

Instrument :
MSVOA_D
ClientSampleId :
HD-02-041119

Tgt Ion: 98 Resp: 521034

Ion	Ratio	Lower	Upper
98	100		
100	71.9	53.8	80.8

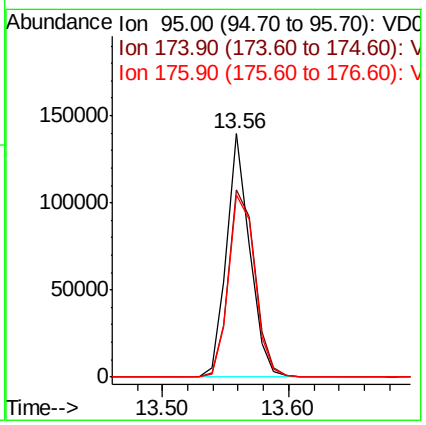


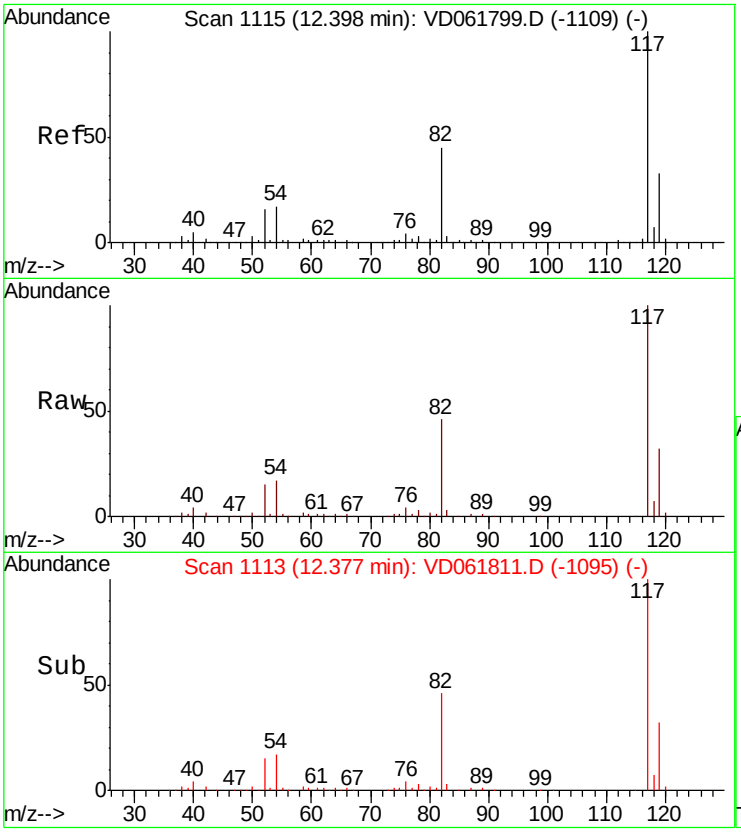


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.02 min
Lab File: VD061811.D
Acq: 16 Apr 2019 15:11

Tgt Ion: 95 Resp: 177365

Ion	Ratio	Lower	Upper
95	100		
174	76.7	0.0	181.8
176	74.9	0.0	174.4



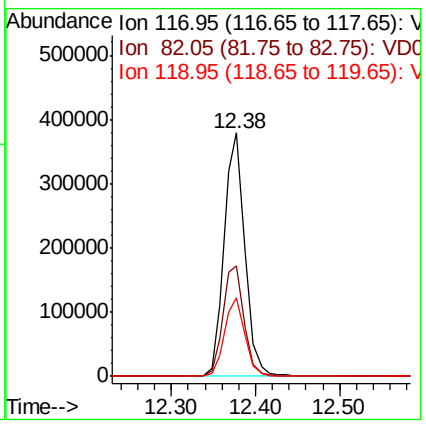


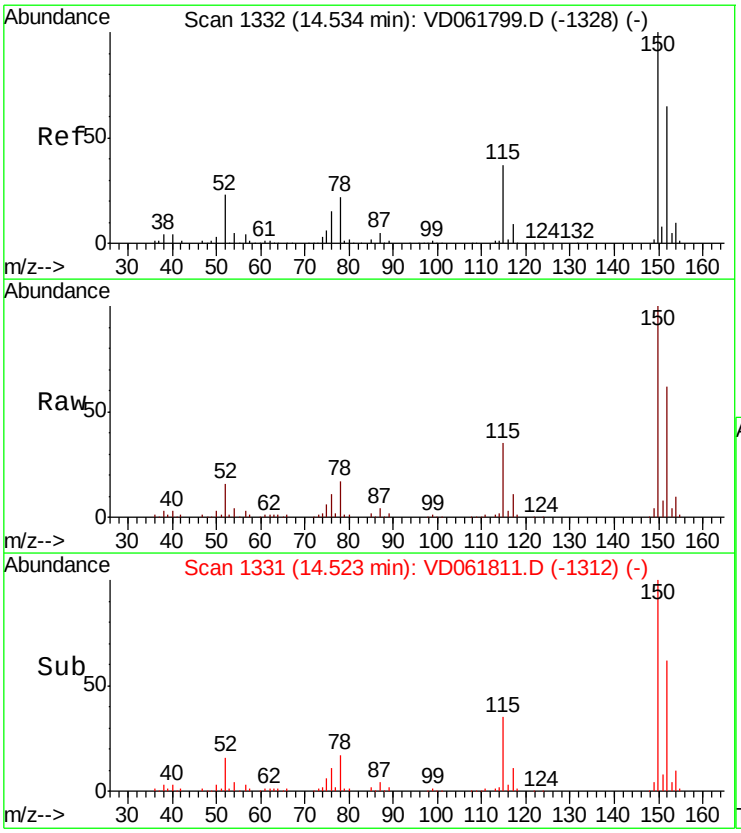
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. -0.02 min
Lab File: VD061811.D
Acq: 16 Apr 2019 15:11

Instrument : MSVOA_D
ClientSampleId : HD-02-041119

Tgt Ion:117 Resp: 644666

Ion	Ratio	Lower	Upper
117	100		
82	45.6	36.2	54.2
119	32.4	26.2	39.4

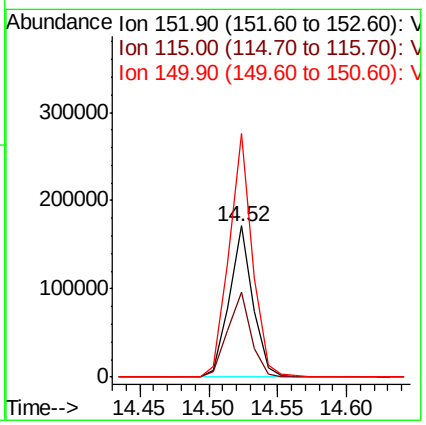


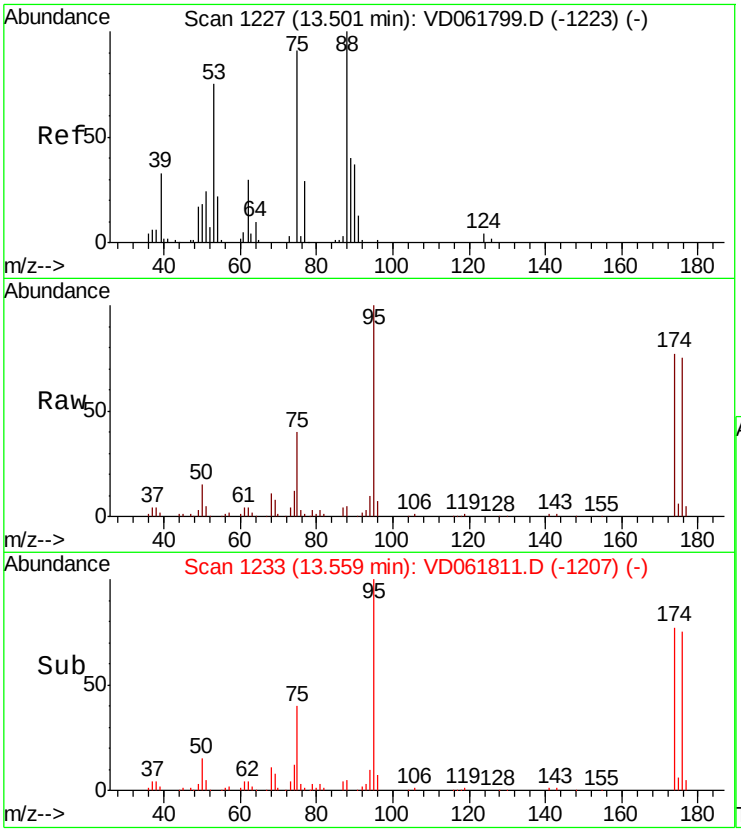


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. -0.01 min
Lab File: VD061811.D
Acq: 16 Apr 2019 15:11

Tgt Ion:152 Resp: 202715

Ion	Ratio	Lower	Upper
152	100		
115	56.3	30.9	92.7
150	161.3	0.0	314.8



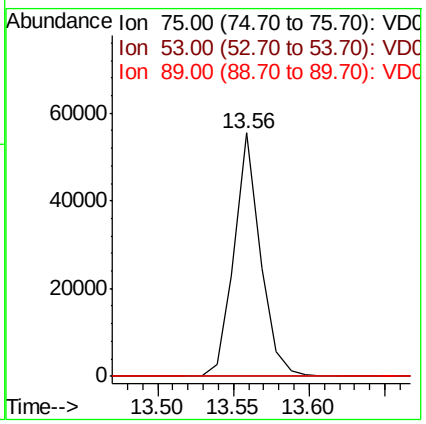


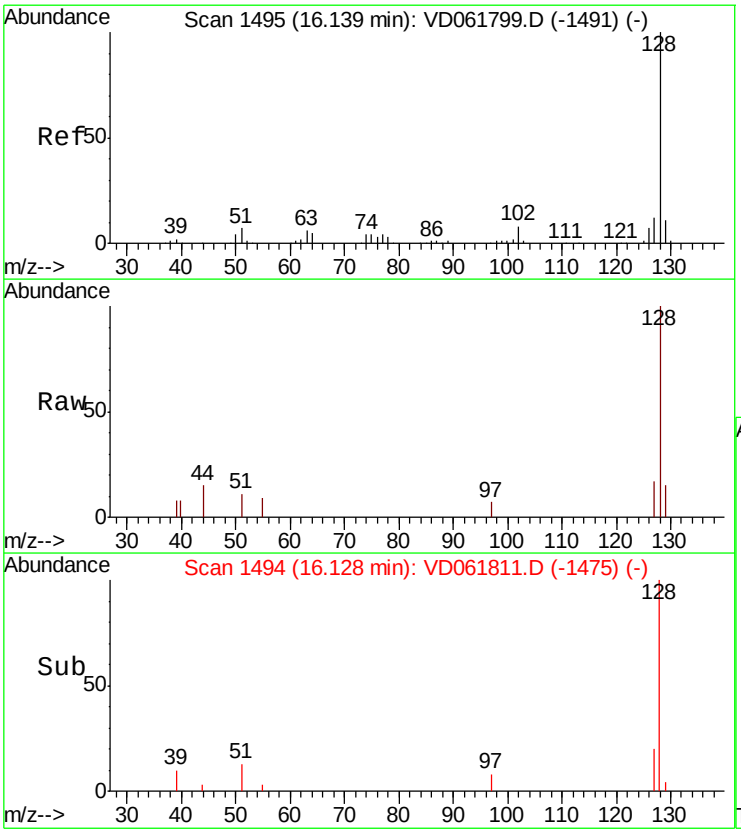
#81
trans-1,4-Dichloro-2-butene
Concen: 75.423 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.06 min
Lab File: VD061811.D
Acq: 16 Apr 2019 15:11

Instrument : MSVOA_D
ClientSampleId : HD-02-041119

Tgt Ion: 75 Resp: 66642

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





#95
Naphthalene
Concen: 1.017 ug/l
RT: 16.13 min Scan# 1494
Delta R.T. -0.01 min
Lab File: VD061811.D
Acq: 16 Apr 2019 15:11

Tgt Ion:128 Resp: 4675

Ion	Ratio	Lower	Upper
128	100		
127	17.1	9.8	14.8#
129	15.2	8.8	13.2#