Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD050719\
Data File : VD062154.D
Acq On : 8 May 2019 2:24
Operator : FY/SY
Sample : K2673-13
Misc : 5.07g/5mL/MSVOA_D/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SB-17-1.0-1.5

Quant Time: May 08 04:34:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	118938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	197337	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	159876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	58976	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	87188	78.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 157.76%			
35) Dibromofluoromethane	6.90	113	4459	2.72	ug/l	0.01
Spiked Amount 50.000			Recovery = 5.44%			
50) Toluene-d8	10.39	98	140692	35.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 71.28%			
62) 4-Bromofluorobenzene	13.55	95	59620	37.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 75.22%			
Target Compounds						Qvalue
5) Bromomethane	2.15	94	991	5.236	ug/l #	12
10) Methyl Iodide	3.31	142	2267	1.263	ug/l #	37
16) Acetone	3.20	43	47152	203.422	ug/l #	90
20) Methylene Chloride	3.80	84	4728	4.885	ug/l	98
25) 2-Butanone	6.05	43	5706	22.568	ug/l #	56
31) Cyclohexane	7.01	56	2269	1.957	ug/l #	24
36) 1,1-Dichloropropene	7.03	75	8673	5.360	ug/l #	40
38) Carbon Tetrachloride	7.02	117	10293	4.596	ug/l #	12
51) 4-Methyl-2-Pentanone	10.29	43	1463	2.339	ug/l #	37
81) trans-1,4-Dichloro-2-buten	13.55	75	22848	115.474	ug/l #	16
95) Naphthalene	16.11	128	4331	2.863	ug/l #	92

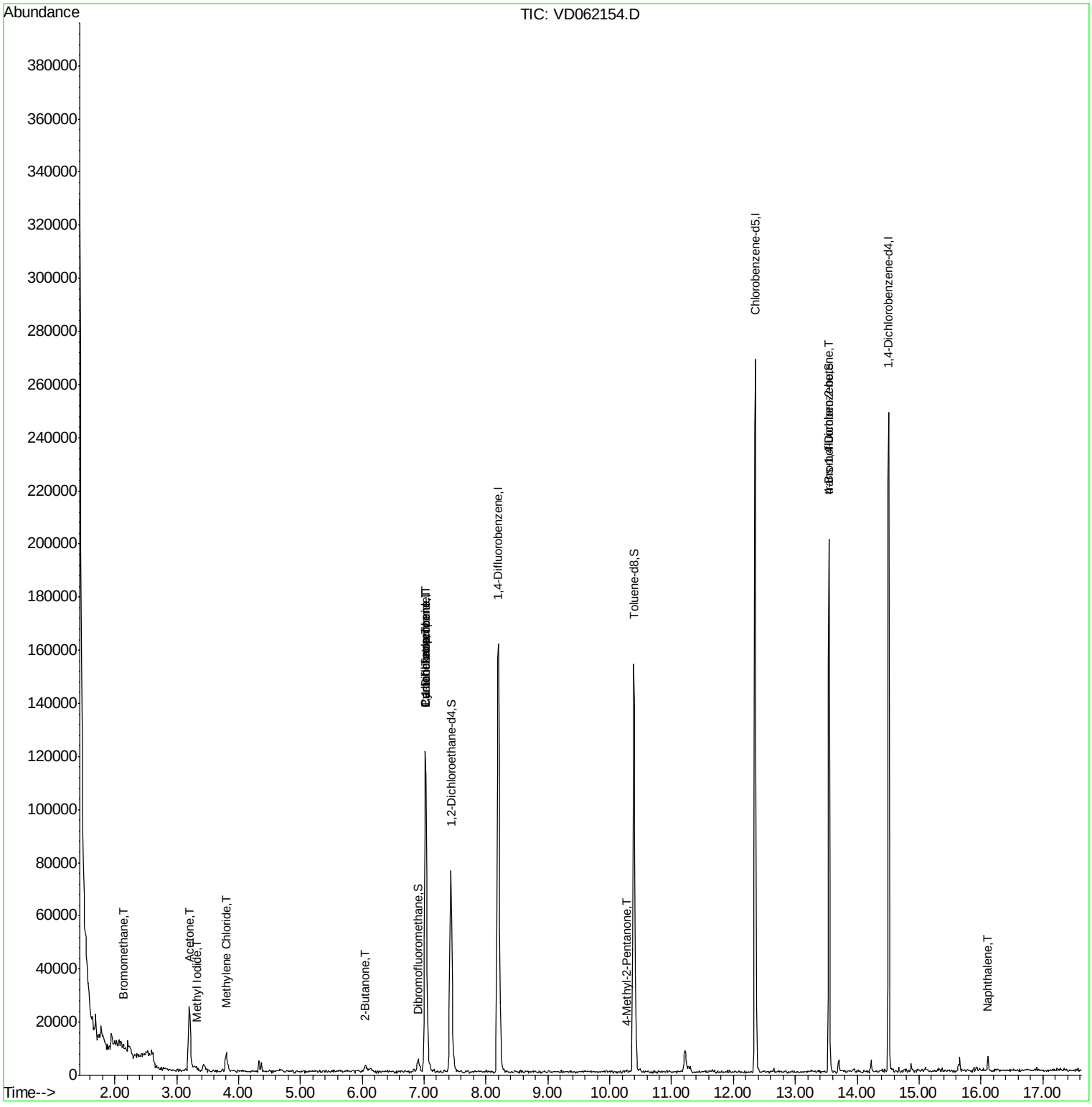
(#) = qualifier out of range (m) = manual integration (+) = signals summed

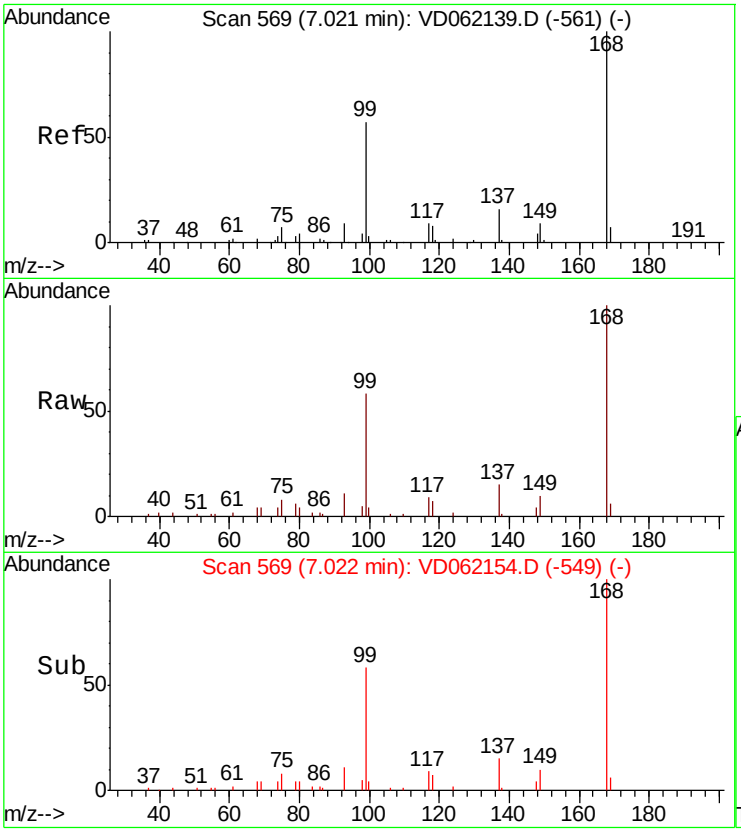
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD050719\
Data File : VD062154.D
Acq On : 8 May 2019 2:24
Operator : FY/SY
Sample : K2673-13
Misc : 5.07g/5mL/MSVOA_D/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SB-17-1.0-1.5

Quant Time: May 08 04:34:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration



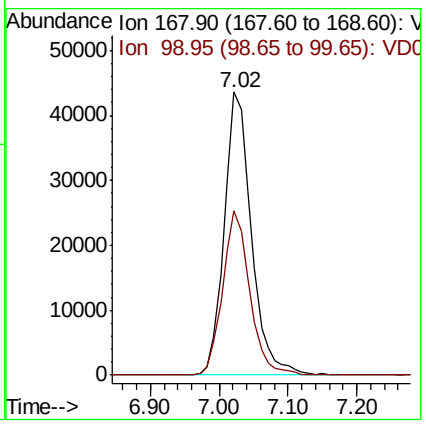


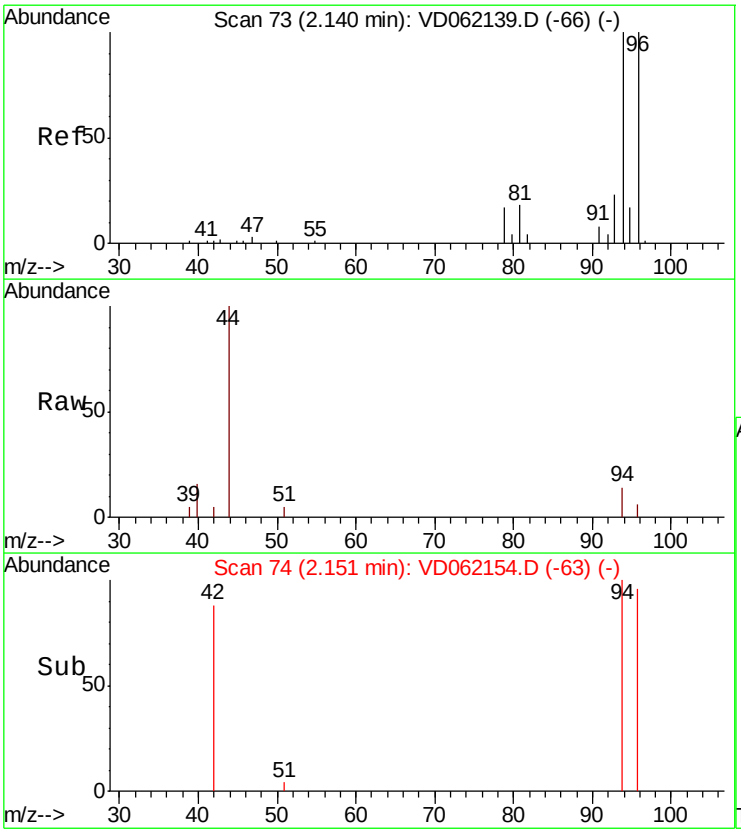
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.02 min Scan# 569
Delta R.T. 0.00 min
Lab File: VD062154.D
Acq: 8 May 2019 2:24

Instrument :
MSVOA_D
ClientSampleId :
SB-17-1.0-1.5

Tgt Ion:168 Resp: 118938

Ion	Ratio	Lower	Upper
168	100		
99	58.0	46.5	69.7

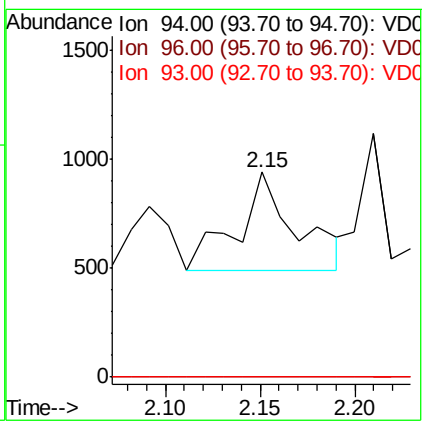


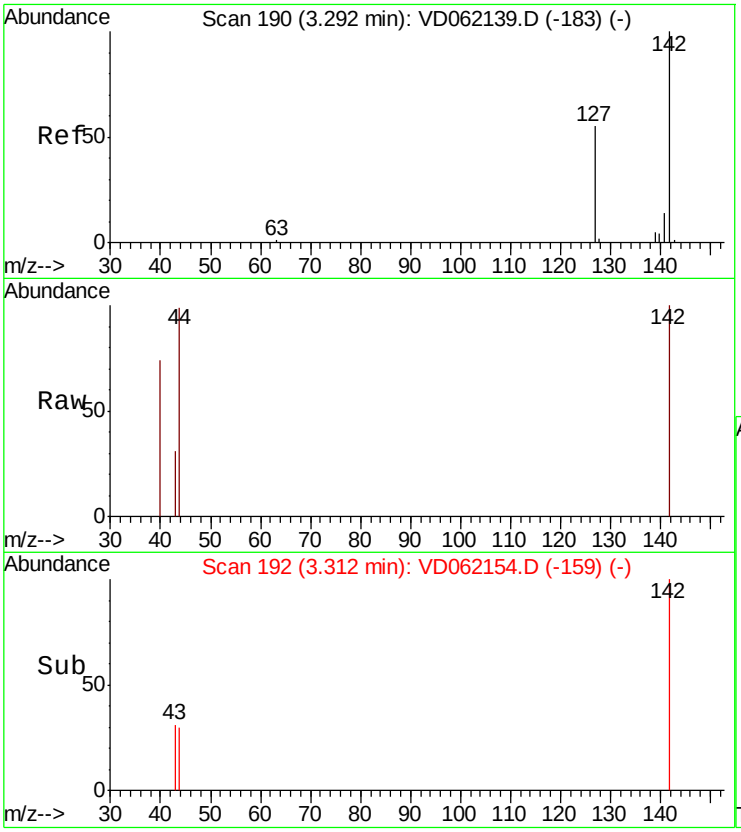


#5
Bromomethane
Concen: 5.236 ug/l
RT: 2.15 min Scan# 74
Delta R.T. 0.01 min
Lab File: VD062154.D
Acq: 8 May 2019 2:24

Tgt Ion: 94 Resp: 991

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



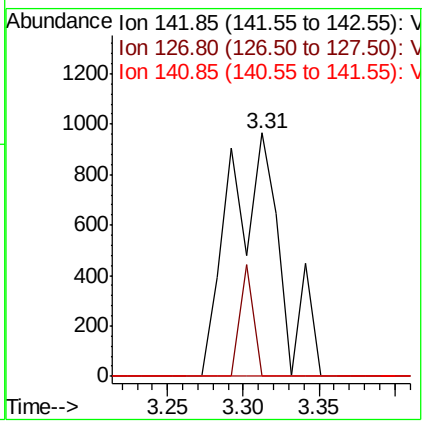


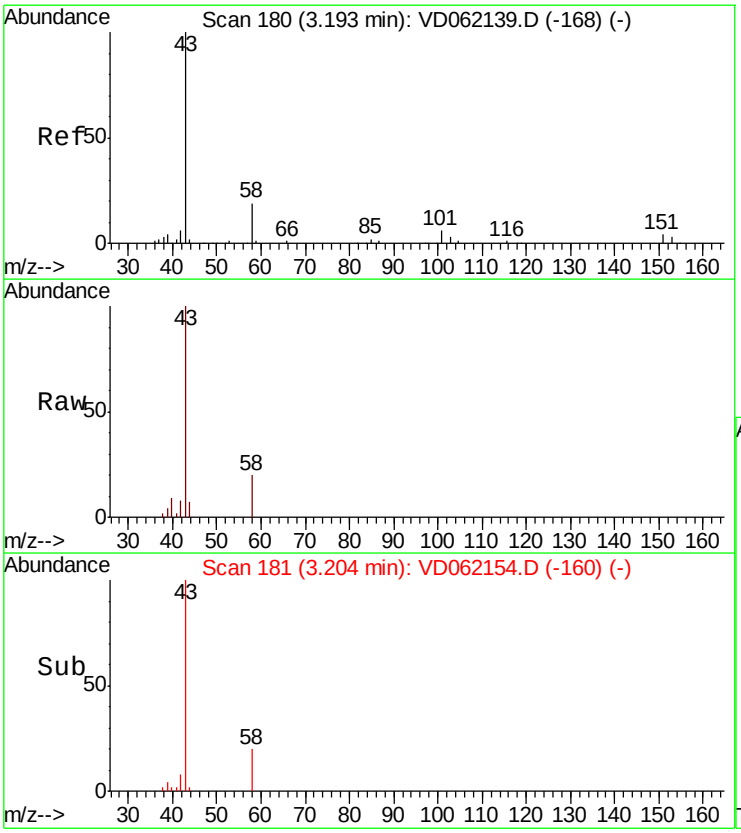
#10
Methyl Iodide
Concen: 1.263 ug/l
RT: 3.31 min Scan# 192
Delta R.T. 0.02 min
Lab File: VD062154.D
Acq: 8 May 2019 2:24

Instrument : MSVOA_D
ClientSampleId : SB-17-1.0-1.5

Tgt Ion:142 Resp: 2267

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

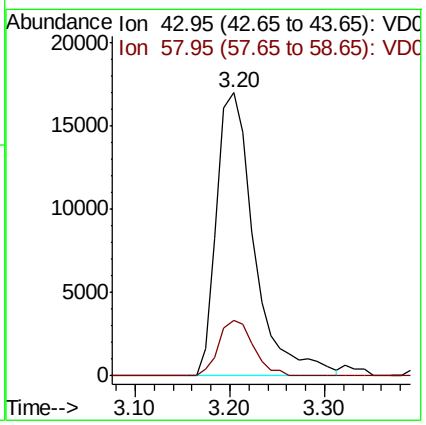


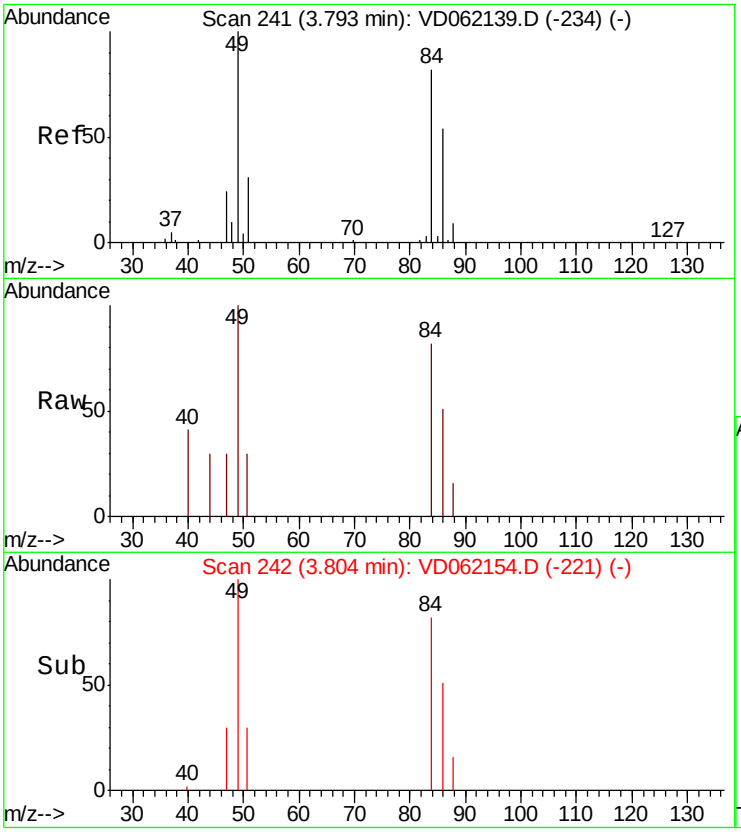


#16
Acetone
Concen: 203.422 ug/l
RT: 3.20 min Scan# 181
Delta R.T. 0.01 min
Lab File: VD062154.D
Acq: 8 May 2019 2:24

Tgt Ion: 43 Resp: 47152

Ion	Ratio	Lower	Upper
43	100		
58	19.8	19.9	29.9#



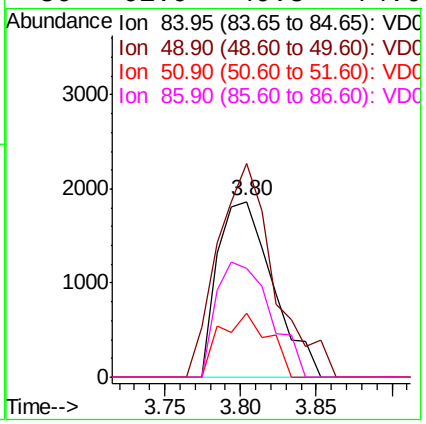


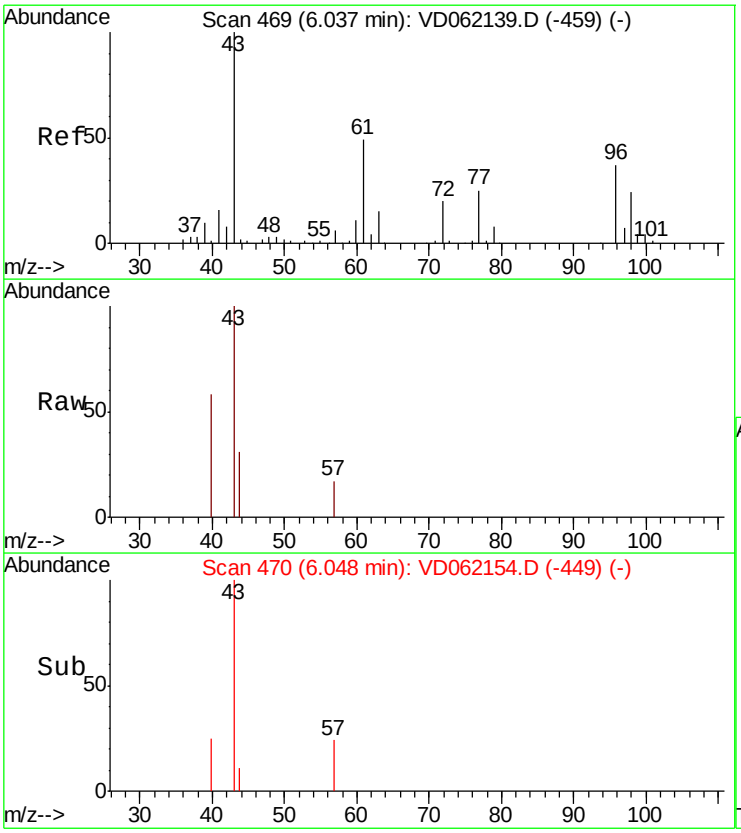
#20
Methylene Chloride
Concen: 4.885 ug/l
RT: 3.80 min Scan# 242
Delta R.T. 0.01 min
Lab File: VD062154.D
Acq: 8 May 2019 2:24

Instrument : MSVOA_D
ClientSampleId : SB-17-1.0-1.5

Tgt Ion: 84 Resp: 4728

Ion	Ratio	Lower	Upper
84	100		
49	121.4	94.0	141.0
51	36.7	29.0	43.4
86	61.9	49.8	74.6

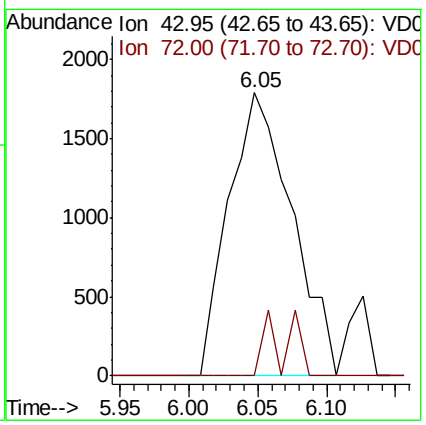


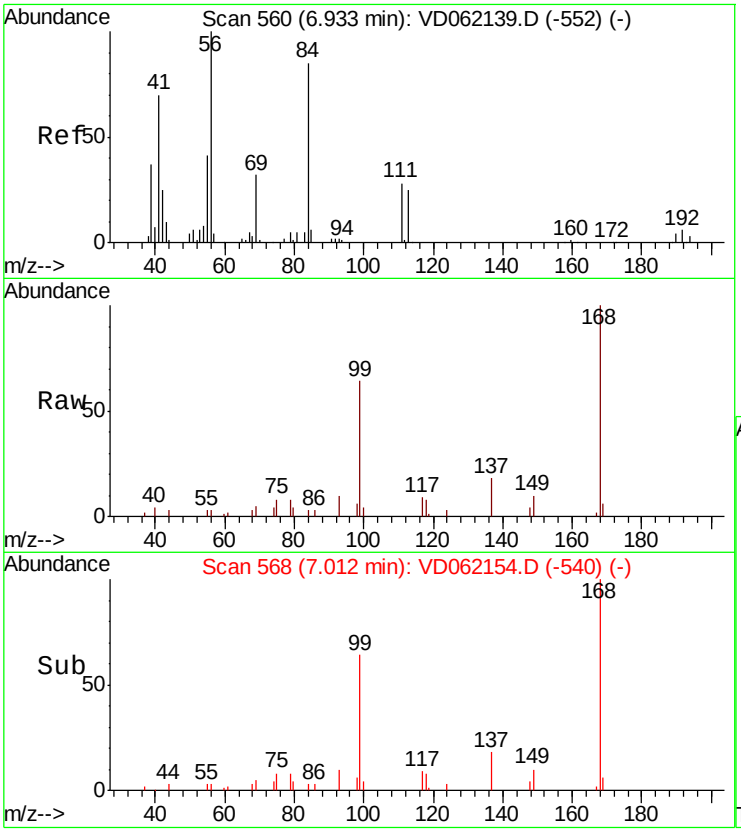


#25
2-Butanone
Concen: 22.568 ug/l
RT: 6.05 min Scan# 470
Delta R.T. 0.01 min
Lab File: VD062154.D
Acq: 8 May 2019 2:24

Tgt Ion: 43 Resp: 5706

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.2	24.4#



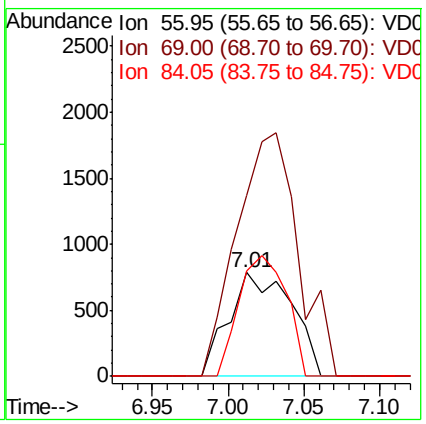


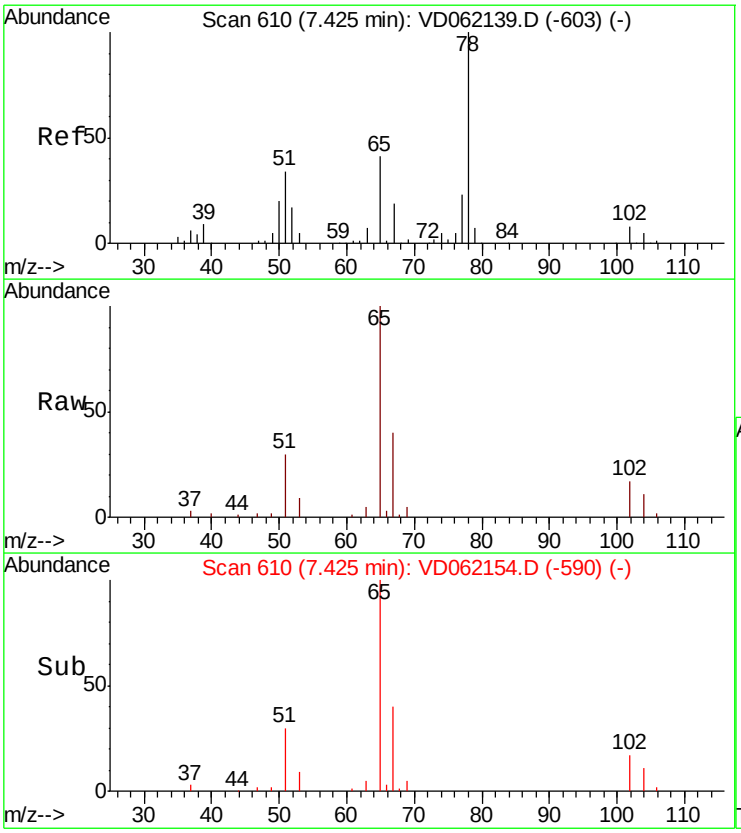
#31
Cyclohexane
Concen: 1.957 ug/l
RT: 7.01 min Scan# 568
Delta R.T. 0.08 min
Lab File: VD062154.D
Acq: 8 May 2019 2:24

Instrument : MSVOA_D
ClientSampleId : SB-17-1.0-1.5

Tgt Ion: 56 Resp: 2269

Ion	Ratio	Lower	Upper
56	100		
69	174.4	25.8	38.6#
84	101.6	72.2	108.4

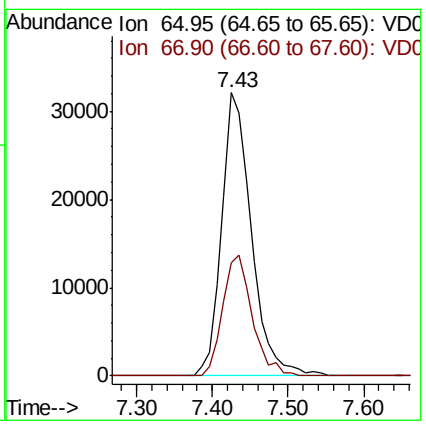


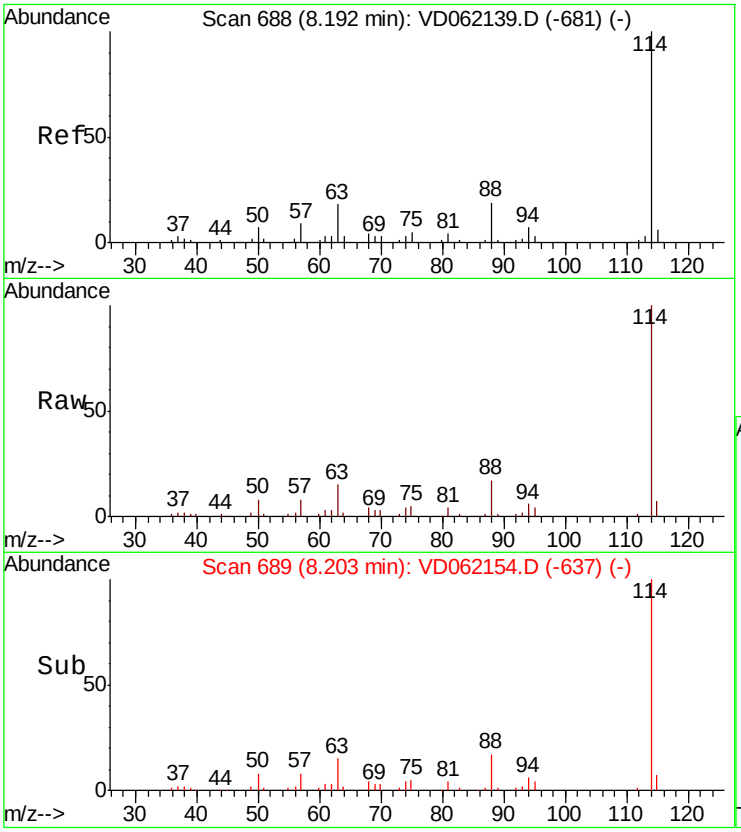


#33
1,2-Dichloroethane-d4
Concen: 78.881 ug/l
RT: 7.43 min Scan# 610
Delta R.T. 0.00 min
Lab File: VD062154.D
Acq: 8 May 2019 2:24

Tgt Ion: 65 Resp: 87188

Ion	Ratio	Lower	Upper
65	100		
67	40.1	0.0	98.0



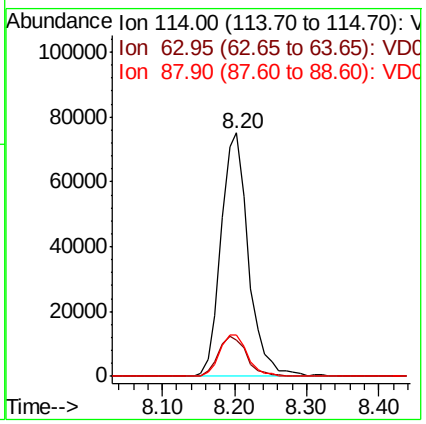


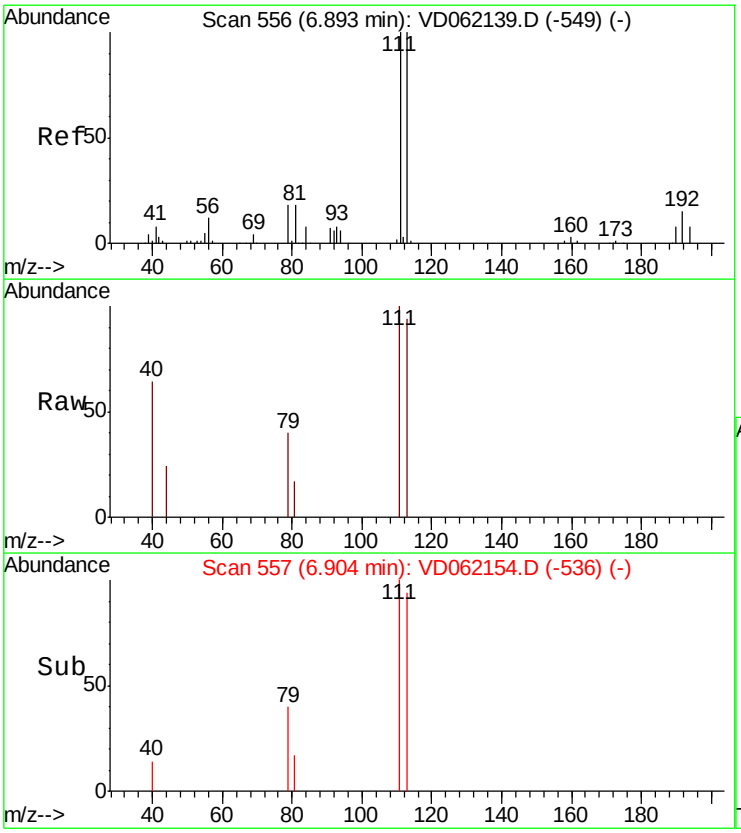
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.20 min Scan# 689
Delta R.T. 0.01 min
Lab File: VD062154.D
Acq: 8 May 2019 2:24

Instrument : MSVOA_D
ClientSampleId : SB-17-1.0-1.5

Tgt Ion:114 Resp: 197337

Ion	Ratio	Lower	Upper
114	100		
63	14.9	0.0	32.4
88	16.9	0.0	33.6

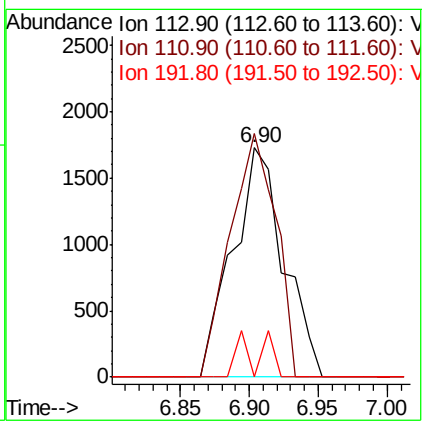


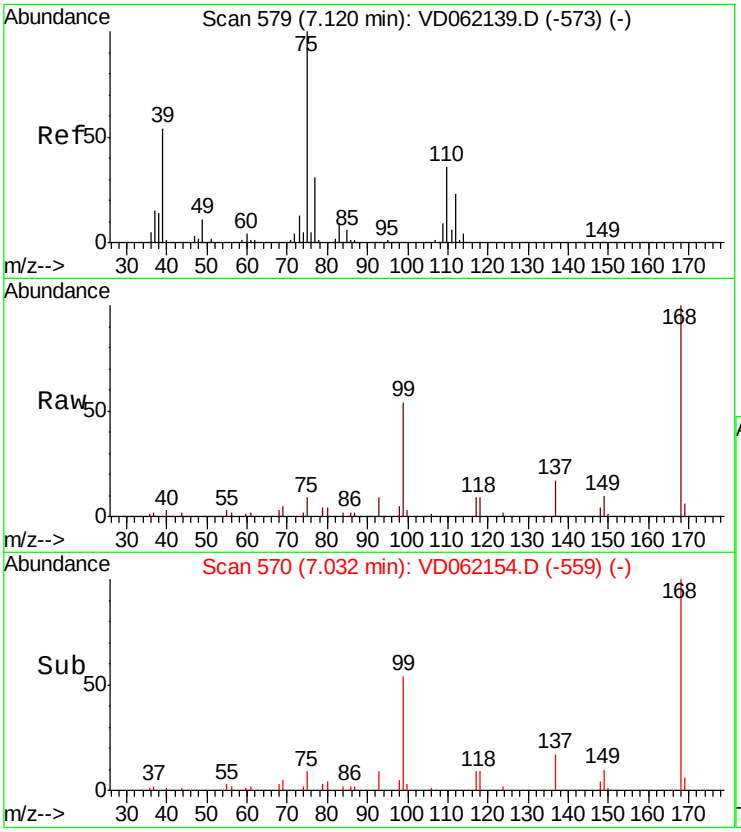


#35
Dibromofluoromethane
Concen: 2.723 ug/l
RT: 6.90 min Scan# 557
Delta R.T. 0.01 min
Lab File: VD062154.D
Acq: 8 May 2019 2:24

Tgt Ion:113 Resp: 4459

Ion	Ratio	Lower	Upper
113	100		
111	106.2	78.5	117.7
192	0.0	13.0	19.4#



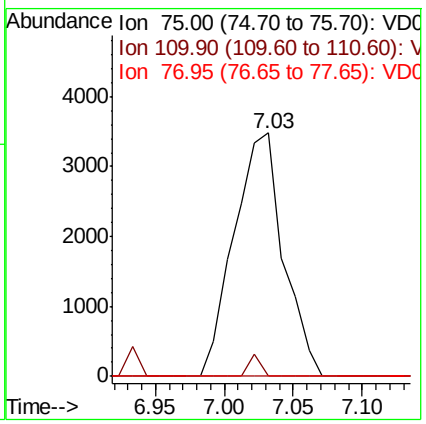


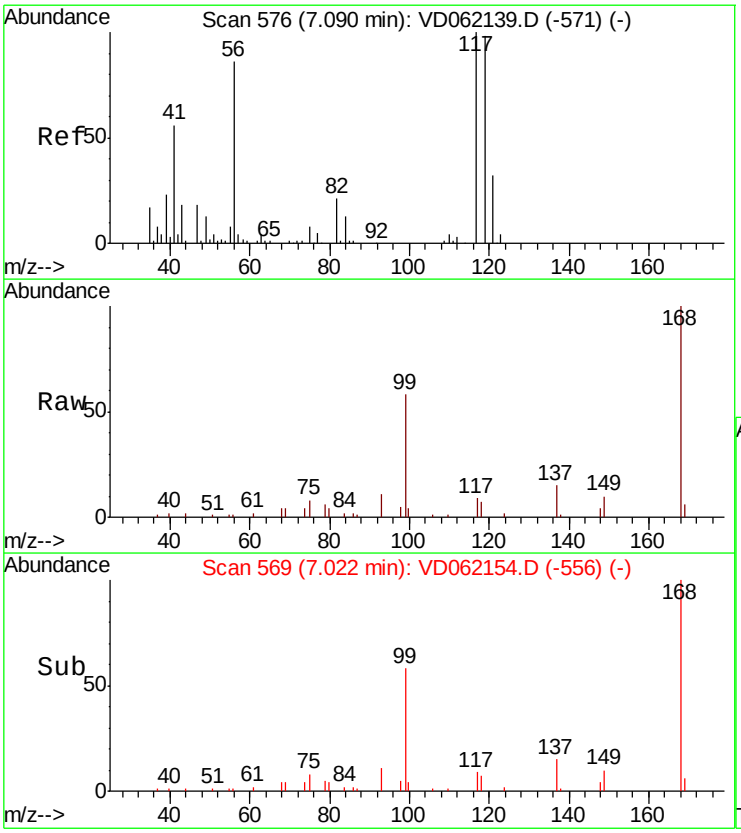
#36
1,1-Dichloropropene
Concen: 5.360 ug/l
RT: 7.03 min Scan# 570
Delta R.T. -0.09 min
Lab File: VD062154.D
Acq: 8 May 2019 2:24

Instrument : MSVOA_D
ClientSampleId : SB-17-1.0-1.5

Tgt Ion: 75 Resp: 8673

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

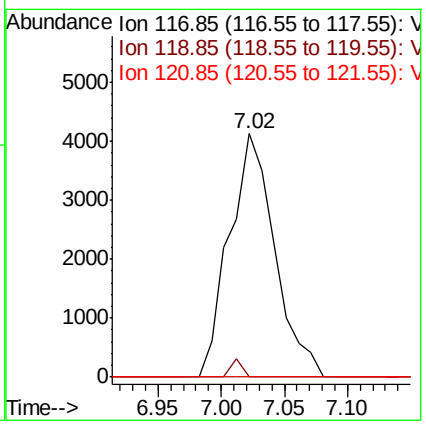


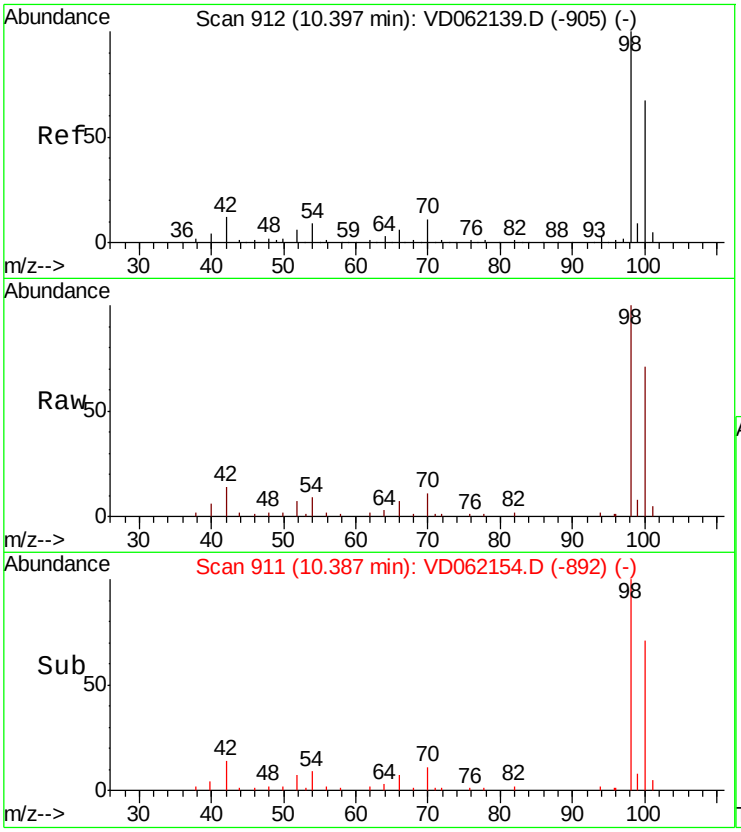


#38
Carbon Tetrachloride
Concen: 4.596 ug/l
RT: 7.02 min Scan# 569
Delta R.T. -0.07 min
Lab File: VD062154.D
Acq: 8 May 2019 2:24

Tgt Ion:117 Resp: 10293

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



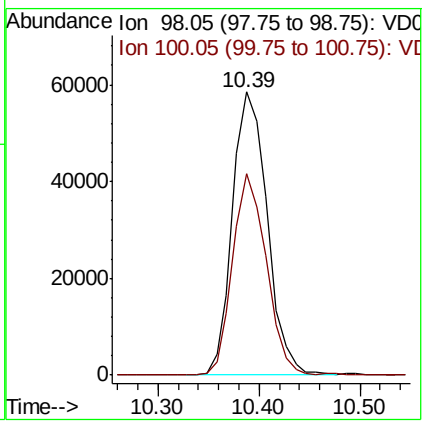


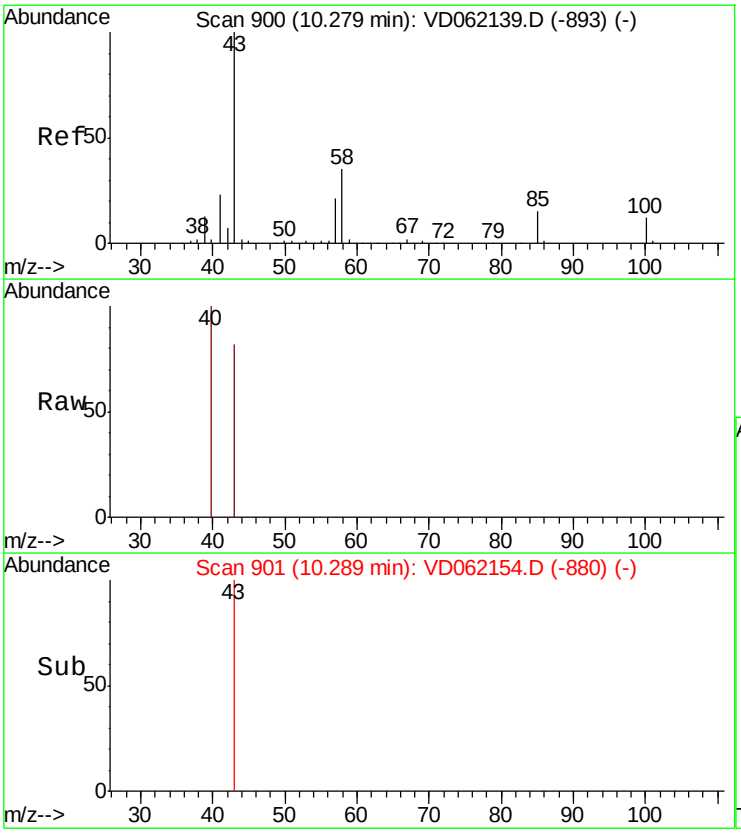
#50
Toluene-d8
Concen: 35.639 ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.01 min
Lab File: VD062154.D
Acq: 8 May 2019 2:24

Instrument : MSVOA_D
ClientSampleId : SB-17-1.0-1.5

Tgt Ion: 98 Resp: 140692

Ion	Ratio	Lower	Upper
98	100		
100	71.2	53.8	80.8

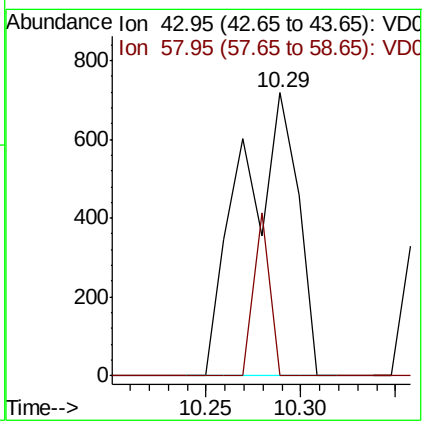


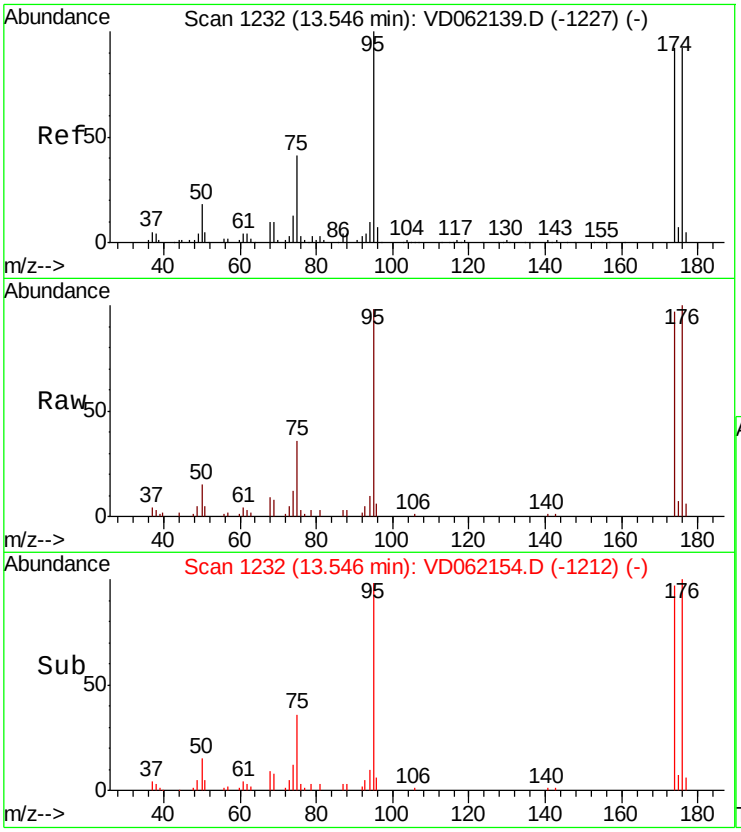


#51
4-Methyl-2-Pentanone
Concen: 2.339 ug/l
RT: 10.29 min Scan# 901
Delta R.T. 0.01 min
Lab File: VD062154.D
Acq: 8 May 2019 2:24

Tgt Ion: 43 Resp: 1463

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.4	45.6#



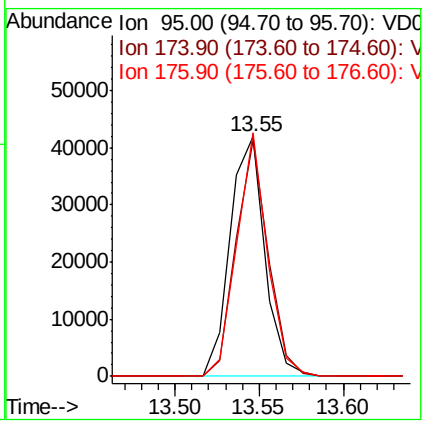


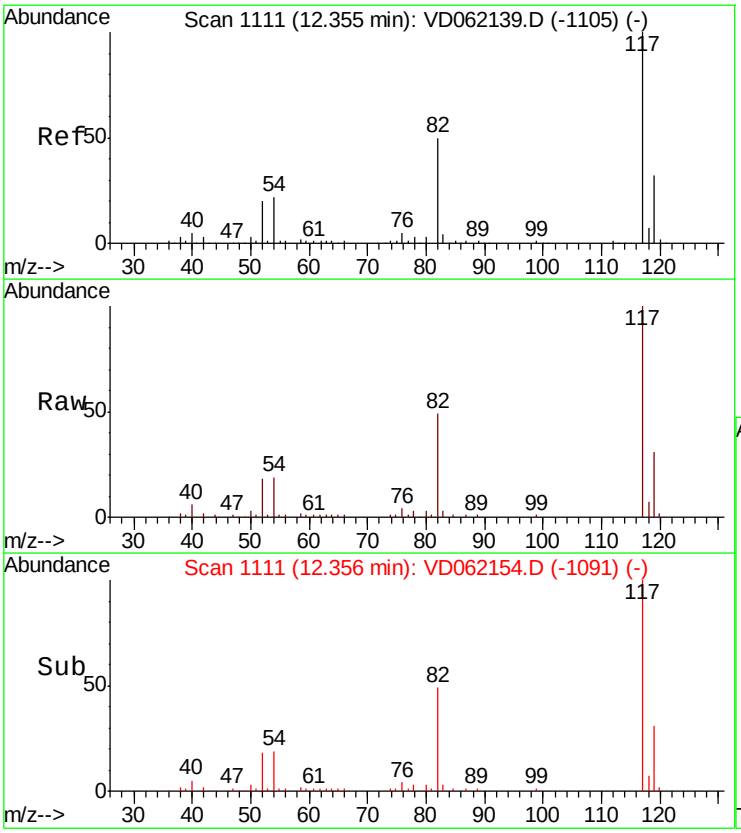
#62
4-Bromofluorobenzene
Concen: 37.609 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062154.D
Acq: 8 May 2019 2:24

Instrument :
MSVOA_D
ClientSampleId :
SB-17-1.0-1.5

Tgt Ion: 95 Resp: 59620

Ion	Ratio	Lower	Upper
95	100		
174	98.7	0.0	181.8
176	101.7	0.0	174.4

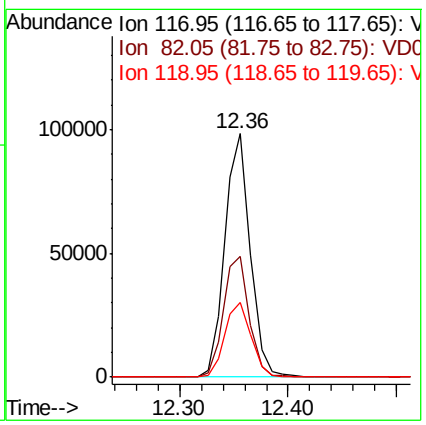


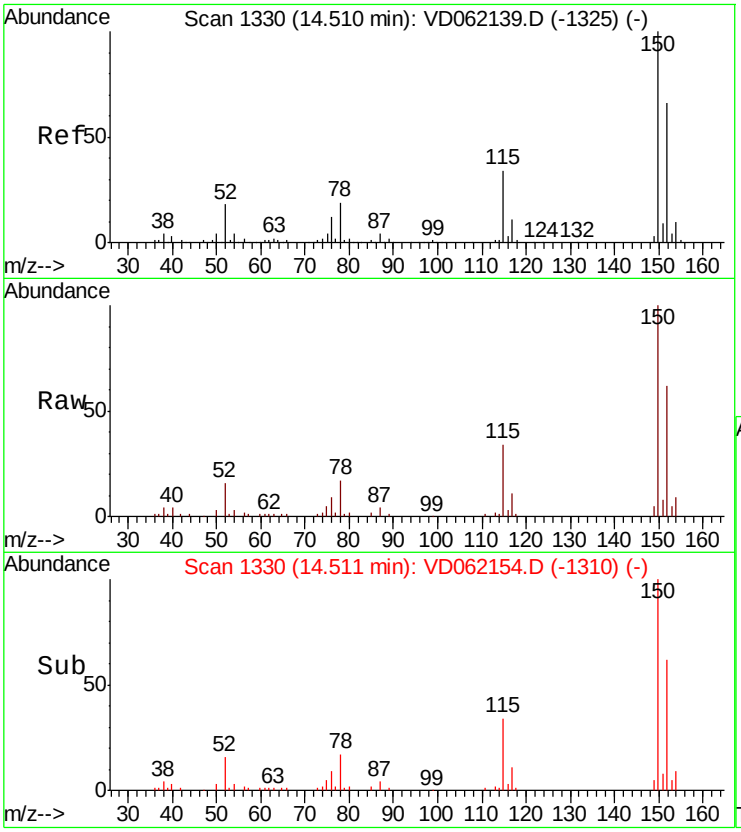


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062154.D
Acq: 8 May 2019 2:24

Tgt Ion:117 Resp: 159876

Ion	Ratio	Lower	Upper
117	100		
82	49.4	36.2	54.2
119	30.8	26.2	39.4



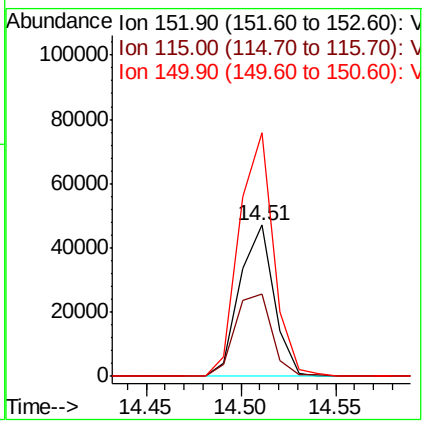


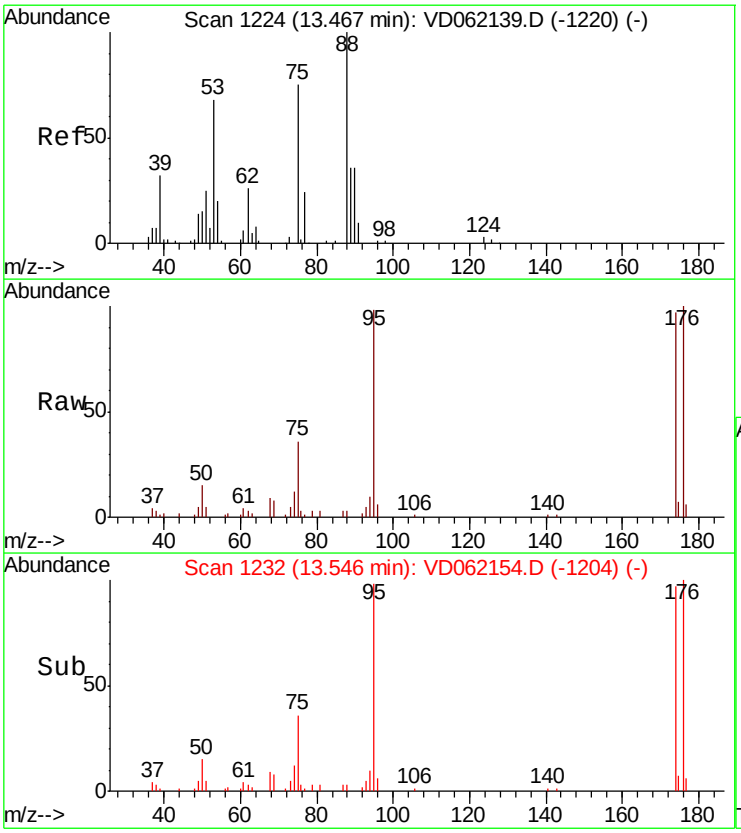
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062154.D
Acq: 8 May 2019 2:24

Instrument :
MSVOA_D
ClientSampleId :
SB-17-1.0-1.5

Tgt Ion:152 Resp: 58976

Ion	Ratio	Lower	Upper
152	100		
115	54.0	30.9	92.7
150	161.0	0.0	314.8

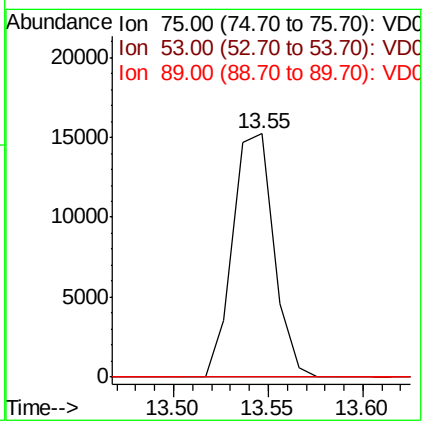


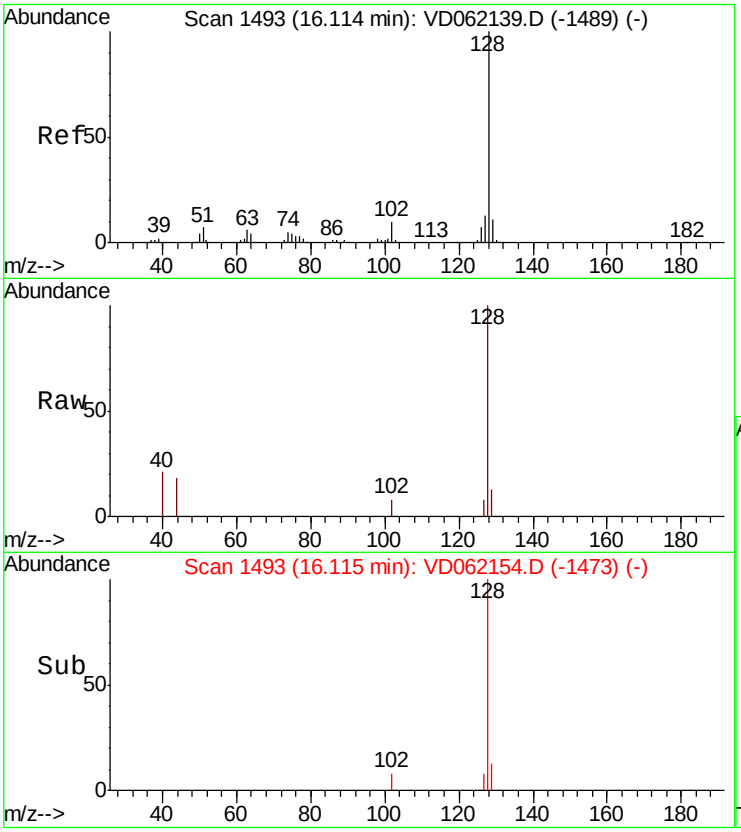


#81
trans-1,4-Dichloro-2-butene
Concen: 115.474 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.08 min
Lab File: VD062154.D
Acq: 8 May 2019 2:24

Tgt Ion: 75 Resp: 22848

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





#95
Naphthalene
Concen: 2.863 ug/l
RT: 16.11 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD062154.D
Acq: 8 May 2019 2:24

Instrument :
MSVOA_D
ClientSampleId :
SB-17-1.0-1.5

Tgt Ion:128 Resp: 4331

Ion	Ratio	Lower	Upper
128	100		
127	7.9	9.8	14.8#
129	12.6	8.8	13.2