Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061819\
Data File : VD062752.D
Acq On : 18 Jun 2019 16:25
Operator : VA/AP
Sample : K3382-05RE
Misc : 5.10g/5ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Jun 19 05:25:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	736712	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	1079311	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	858105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	491309	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	486611	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.54%			
35) Dibromofluoromethane	6.92	113	517738	45.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.96%			
50) Toluene-d8	10.41	98	1060948	44.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.62%			
62) 4-Bromofluorobenzene	13.56	95	497846	44.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.12%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.57	85	1778	Below Cal		82
10) Methyl Iodide	3.34	142	252	4.026	ug/l #	24
13) Acrolein	3.01	56	305	2.170	ug/l #	12
20) Methylene Chloride	3.82	84	27432	3.317	ug/l	90
31) Cyclohexane	7.04	56	18994	2.264	ug/l #	7
36) 1,1-Dichloropropene	7.04	75	59059	4.781	ug/l #	53
37) Ethyl Acetate	6.20	43	187	1.236	ug/l #	74
38) Carbon Tetrachloride	7.05	117	78276	4.009	ug/l #	16
81) trans-1,4-Dichloro-2-buten	13.56	75	243056	117.343	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.94	180	894	3.634	ug/l #	51
95) Naphthalene	16.13	128	4129	3.665	ug/l #	81

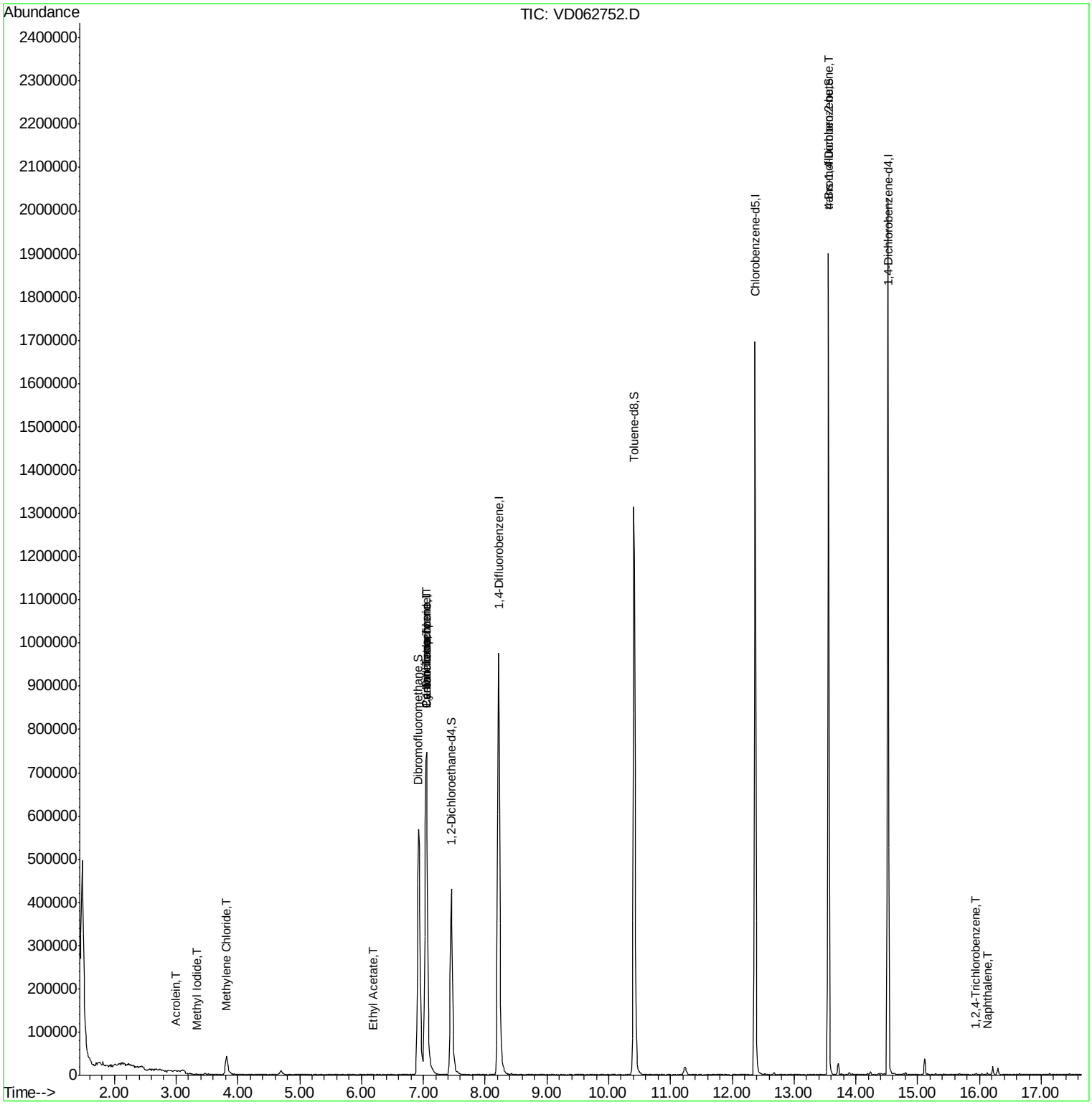
(#) = qualifier out of range (m) = manual integration (+) = signals summed

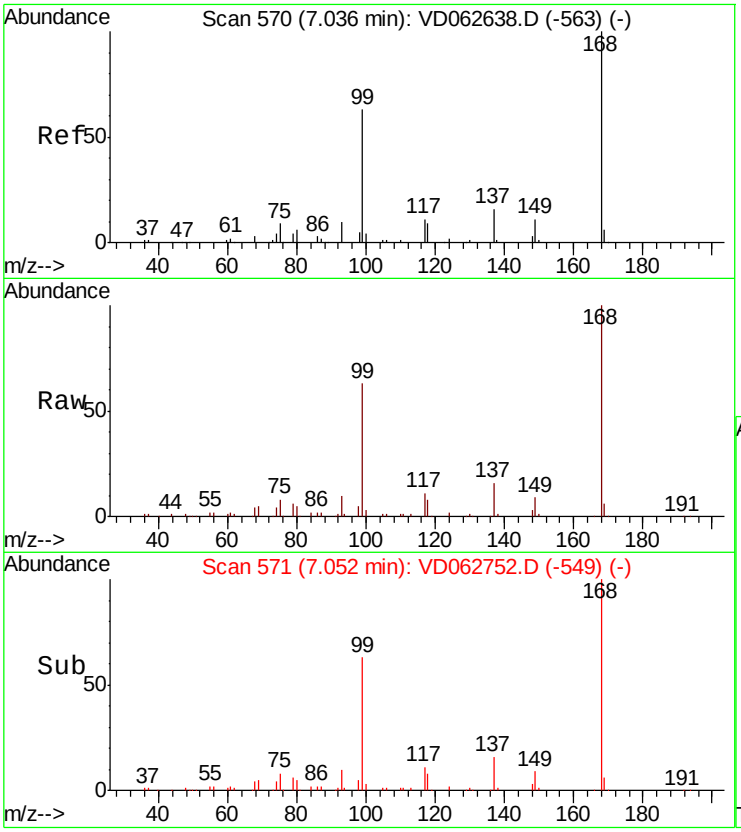
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061819\
Data File : VD062752.D
Acq On : 18 Jun 2019 16:25
Operator : VA/AP
Sample : K3382-05RE
Misc : 5.10g/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jun 19 05:25:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration



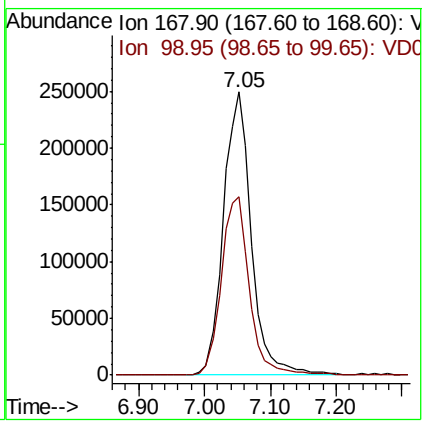


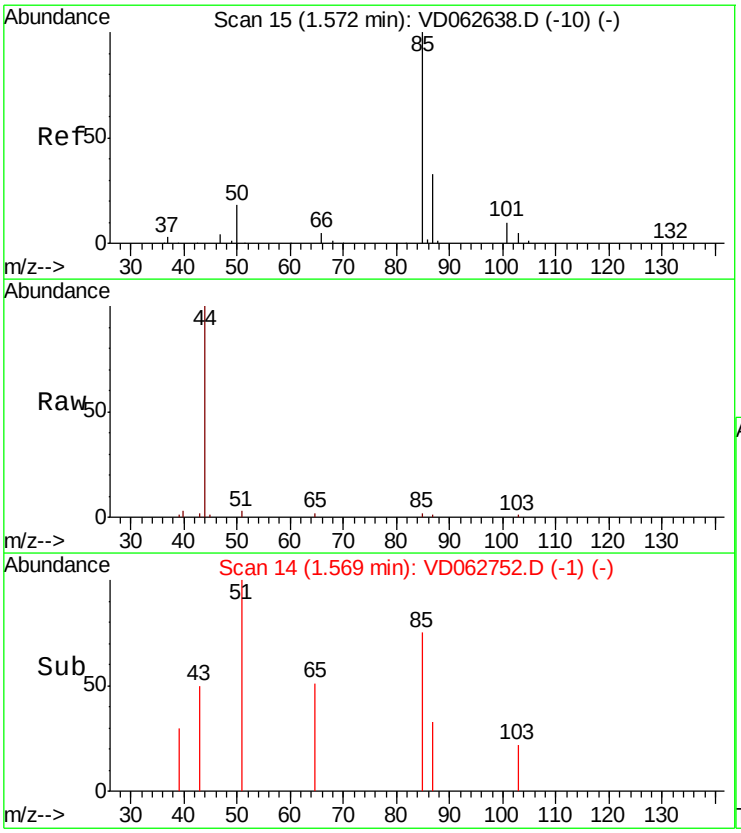
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.02 min
Lab File: VD062752.D
Acq: 18 Jun 2019 16:25

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 736712

Ion	Ratio	Lower	Upper
168	100		
99	63.2	51.4	77.2

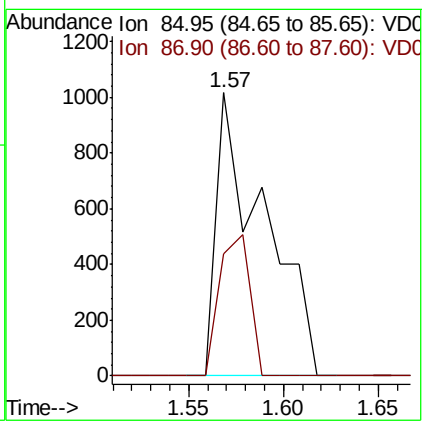


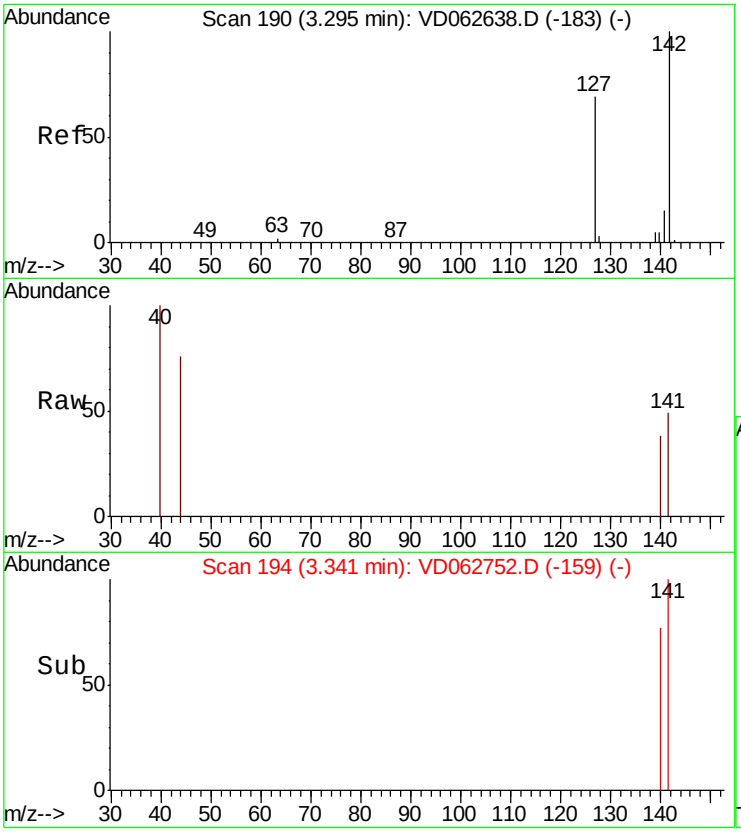


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.57 min Scan# 14
Delta R.T. -0.00 min
Lab File: VD062752.D
Acq: 18 Jun 2019 16:25

Tgt Ion: 85 Resp: 1778

Ion	Ratio	Lower	Upper
85	100		
87	43.3	16.6	49.7



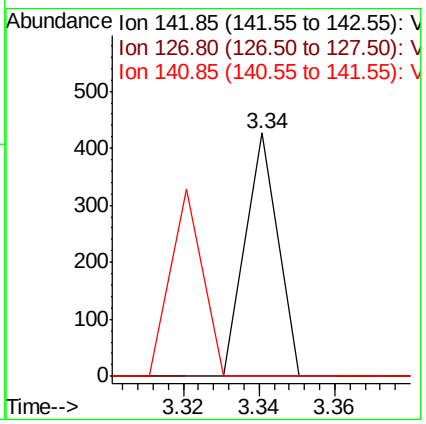


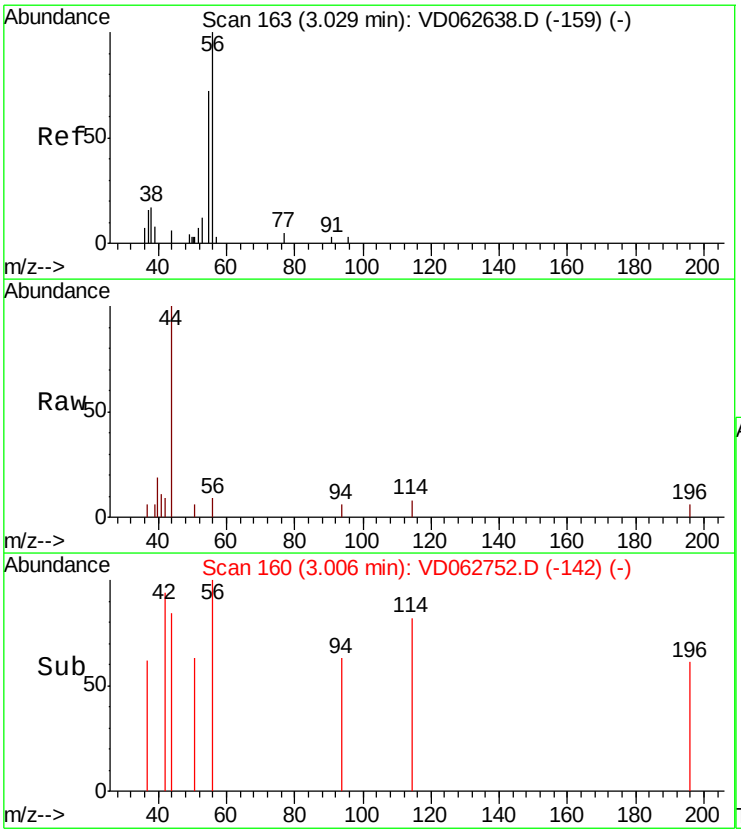
#10
Methyl Iodide
Concen: 4.026 ug/l
RT: 3.34 min Scan# 194
Delta R.T. 0.05 min
Lab File: VD062752.D
Acq: 18 Jun 2019 16:25

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:142 Resp: 252

Ion	Ratio	Lower	Upper
142	100		
127	0.0	55.2	82.8#
141	0.0	12.1	18.1#

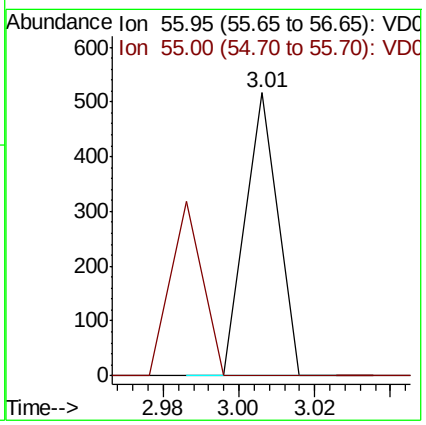


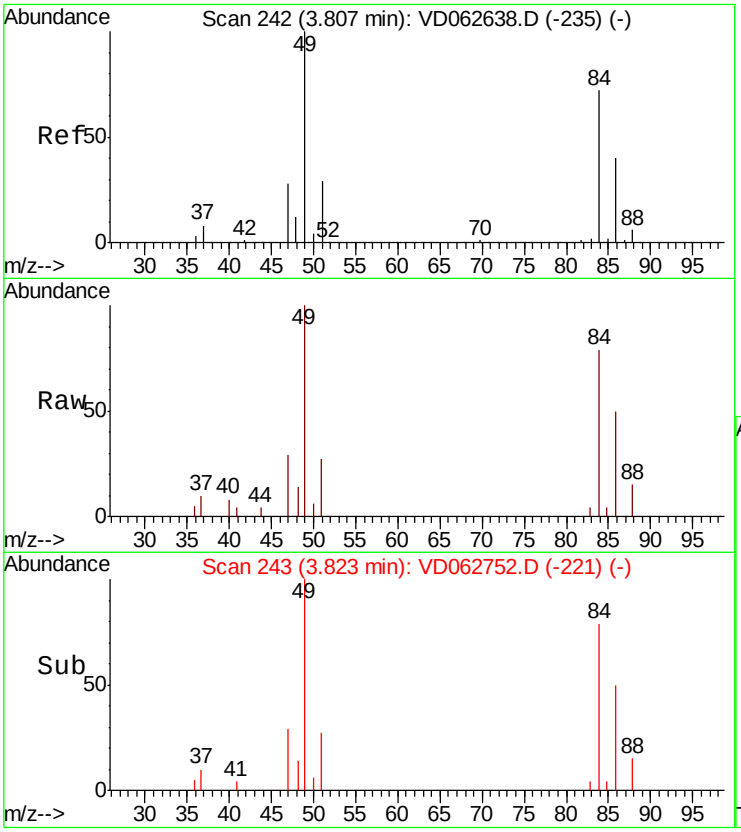


#13
Acrolein
Concen: 2.170 ug/l
RT: 3.01 min Scan# 160
Delta R.T. -0.02 min
Lab File: VD062752.D
Acq: 18 Jun 2019 16:25

Tgt Ion: 56 Resp: 305

Ion	Ratio	Lower	Upper
56	100		
55	0.0	59.4	89.0#



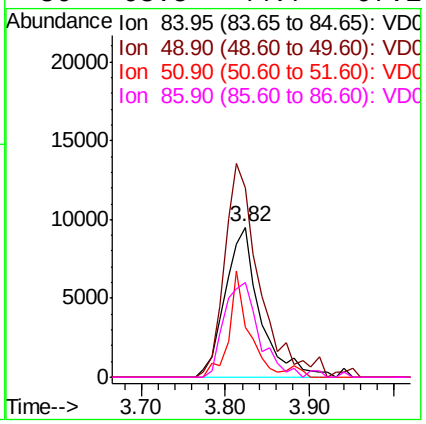


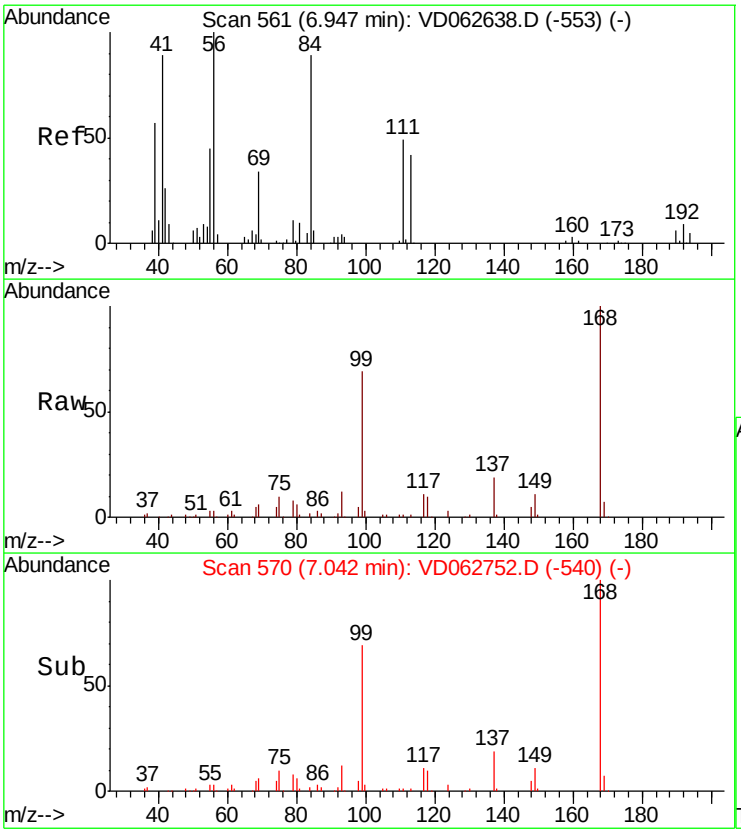
#20
Methylene Chloride
Concen: 3.317 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD062752.D
Acq: 18 Jun 2019 16:25

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 27432

Ion	Ratio	Lower	Upper
84	100		
49	126.2	111.2	166.8
51	33.7	31.9	47.9
86	63.5	44.7	67.1

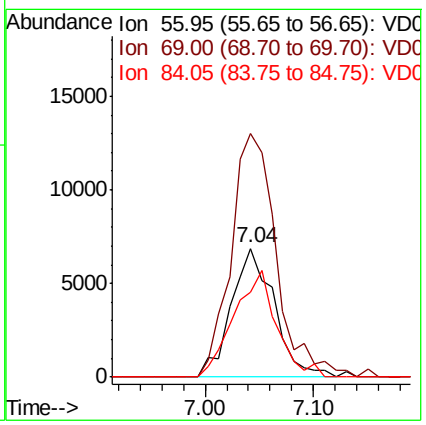


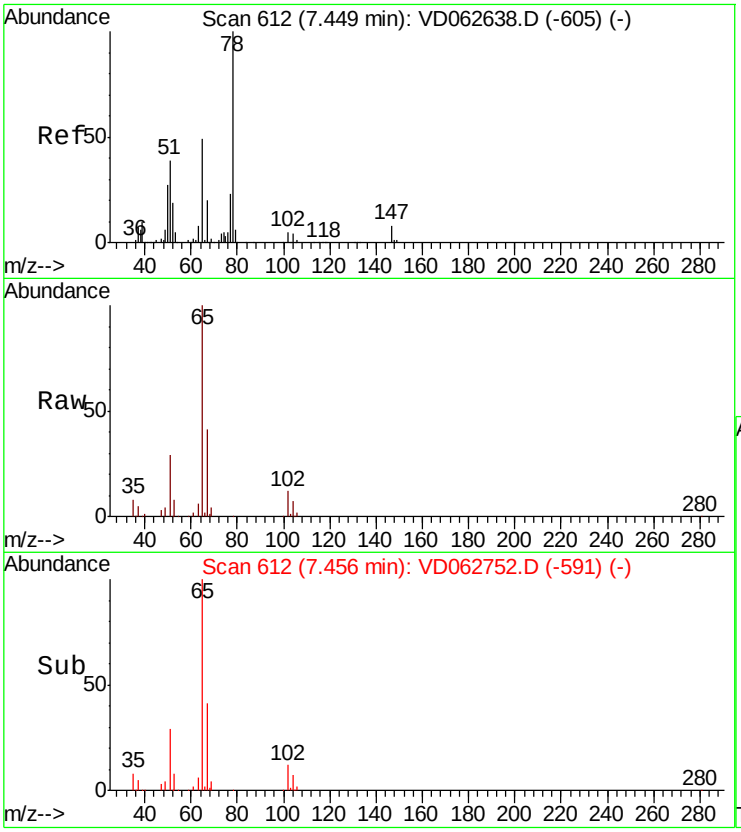


#31
Cyclohexane
Concen: 2.264 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.10 min
Lab File: VD062752.D
Acq: 18 Jun 2019 16:25

Tgt Ion: 56 Resp: 18994

Ion	Ratio	Lower	Upper
56	100		
69	189.1	26.8	40.2#
84	65.9	73.9	110.9#



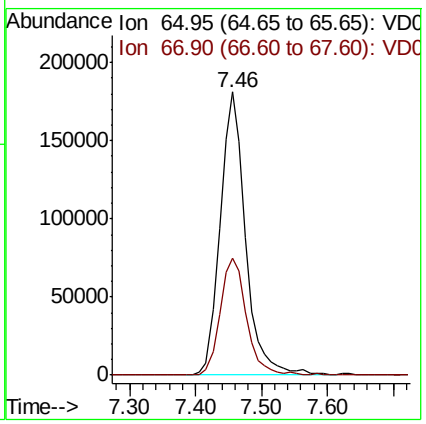


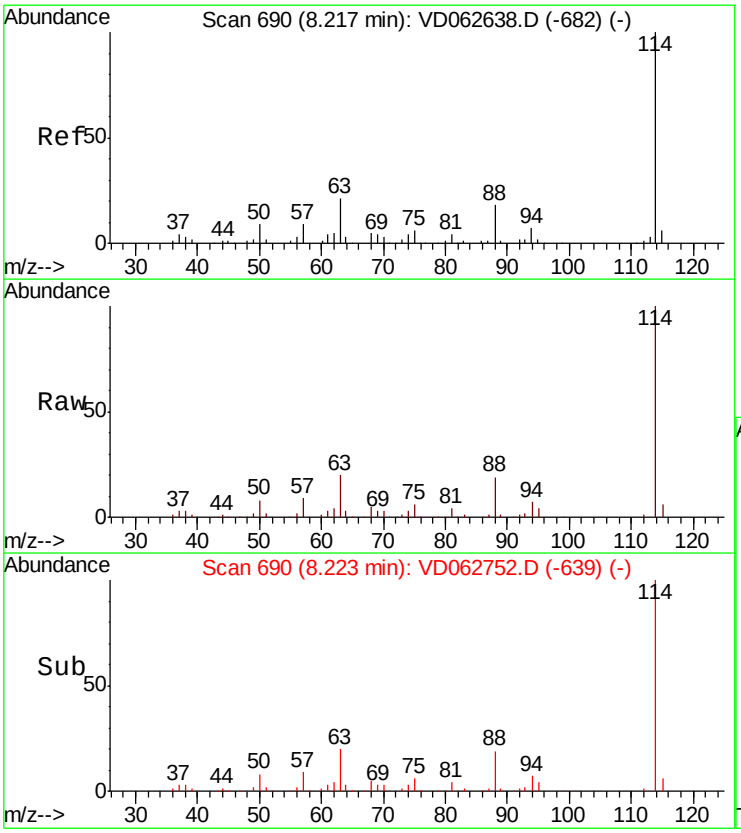
#33
1,2-Dichloroethane-d4
Concen: 45.774 ug/l
RT: 7.46 min Scan# 612
Delta R.T. 0.01 min
Lab File: VD062752.D
Acq: 18 Jun 2019 16:25

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 486611

Ion	Ratio	Lower	Upper
65	100		
67	41.2	0.0	81.8

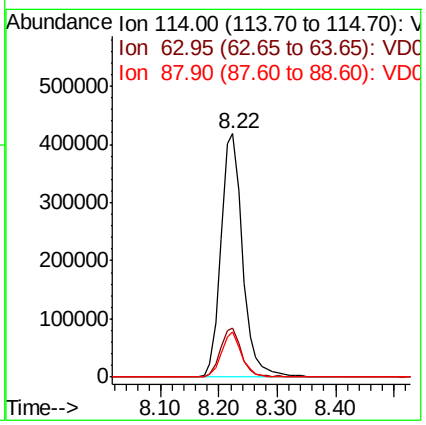


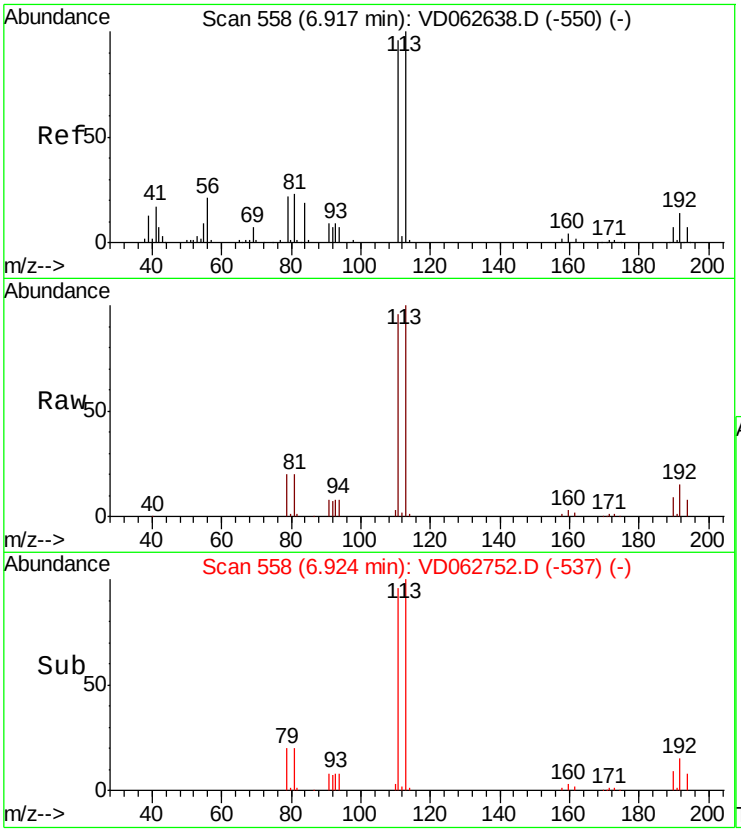


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. 0.01 min
Lab File: VD062752.D
Acq: 18 Jun 2019 16:25

Tgt Ion:114 Resp: 1079311

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.4
88	18.6	0.0	36.8



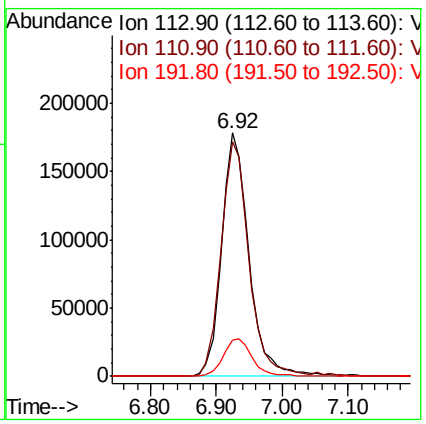


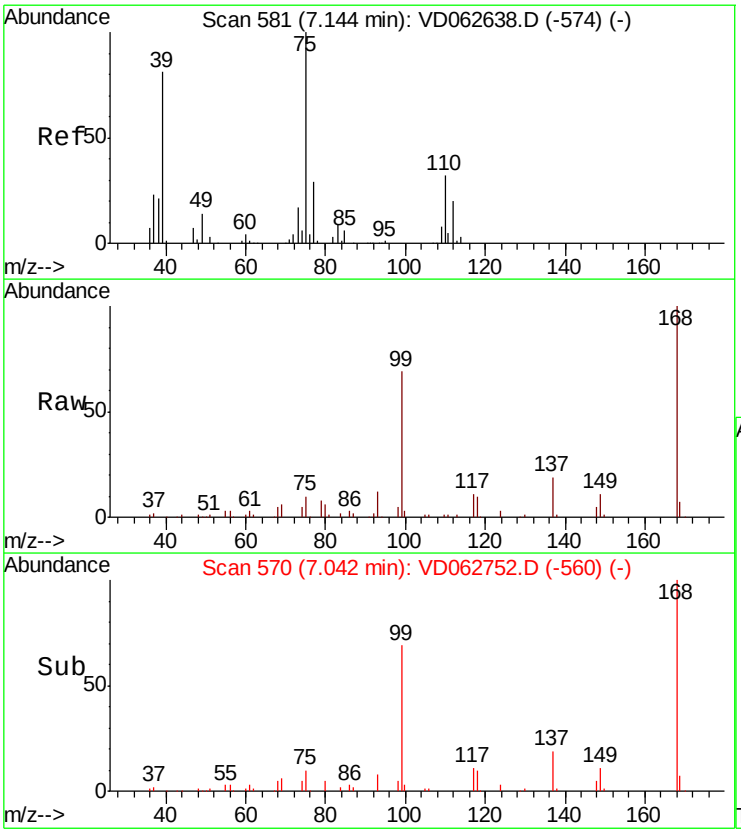
#35
Dibromofluoromethane
Concen: 45.484 ug/l
RT: 6.92 min Scan# 558
Delta R.T. 0.01 min
Lab File: VD062752.D
Acq: 18 Jun 2019 16:25

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 517738

Ion	Ratio	Lower	Upper
113	100		
111	96.2	76.4	114.6
192	15.1	11.4	17.0

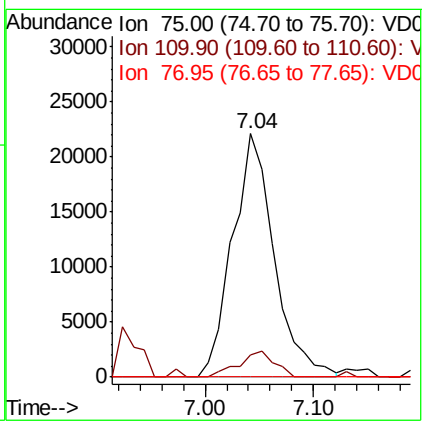


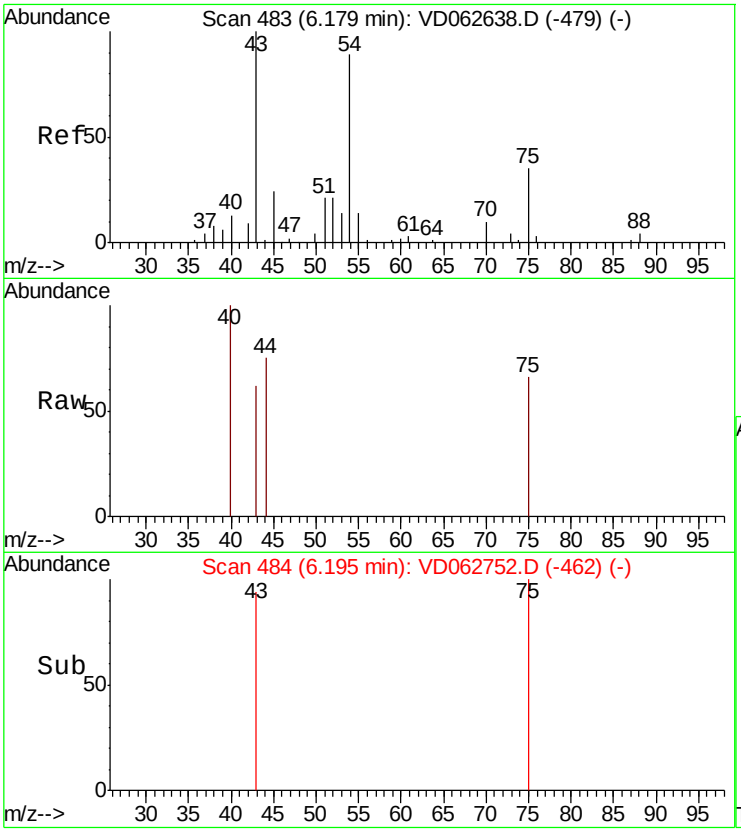


#36
1,1-Dichloropropene
Concen: 4.781 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.10 min
Lab File: VD062752.D
Acq: 18 Jun 2019 16:25

Tgt Ion: 75 Resp: 59059

Ion	Ratio	Lower	Upper
75	100		
110	9.0	15.9	47.7#
77	0.0	23.3	34.9#



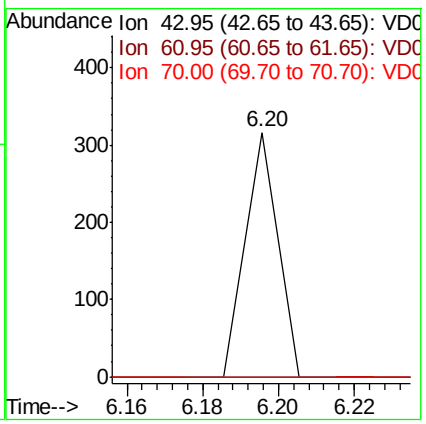


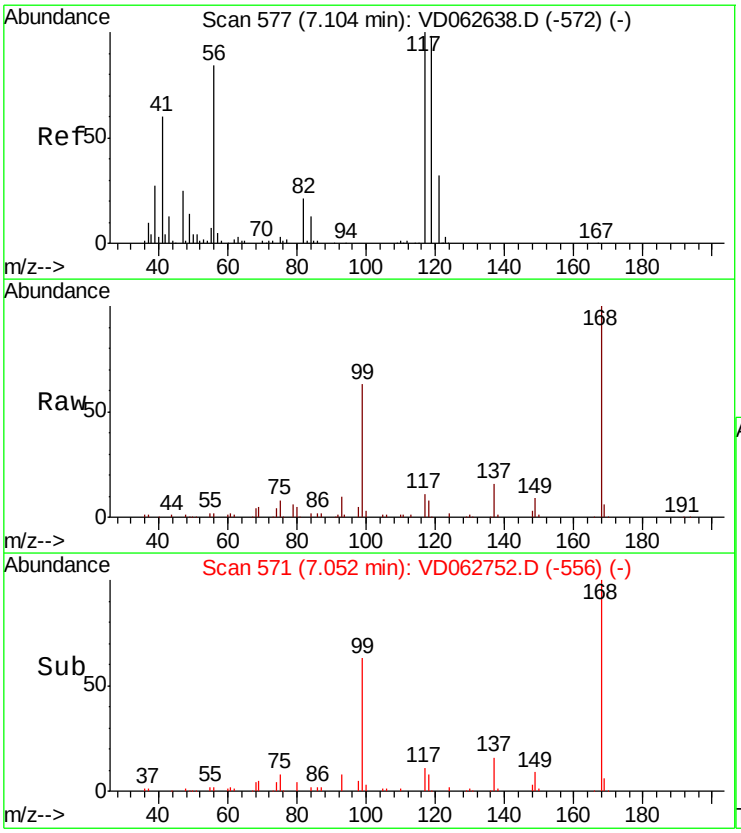
#37
Ethyl Acetate
Concen: 1.236 ug/l
RT: 6.20 min Scan# 484
Delta R.T. 0.02 min
Lab File: VD062752.D
Acq: 18 Jun 2019 16:25

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 187

Ion	Ratio	Lower	Upper
43	100		
61	0.0	8.7	13.1#
70	0.0	6.5	9.7#

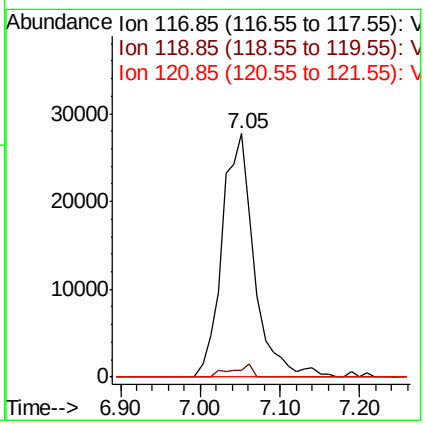


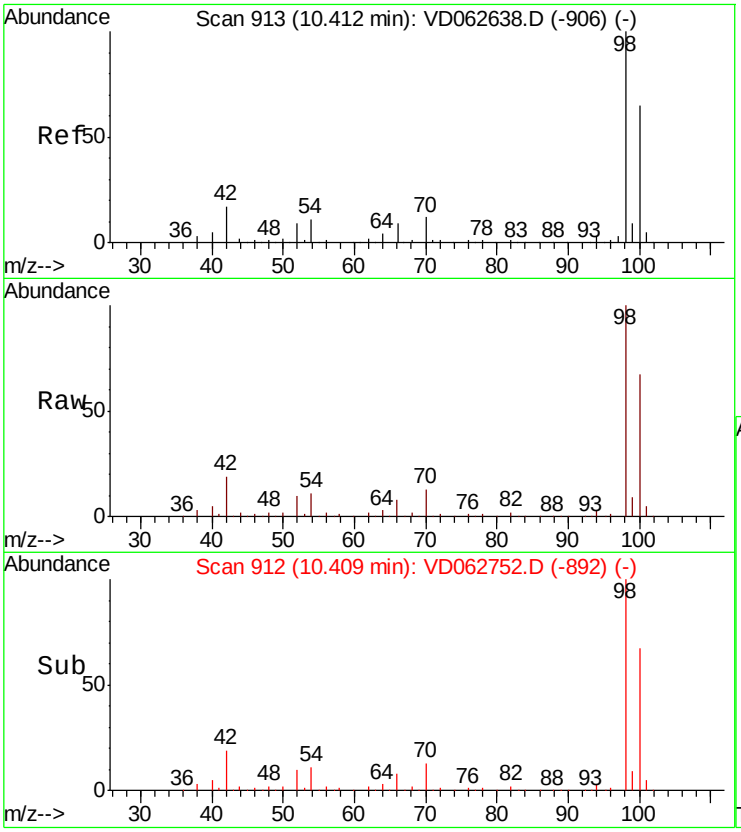


#38
Carbon Tetrachloride
Concen: 4.009 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.05 min
Lab File: VD062752.D
Acq: 18 Jun 2019 16:25

Tgt Ion:117 Resp: 78276

Ion	Ratio	Lower	Upper
117	100		
119	2.7	73.5	110.3#
121	0.0	24.2	36.4#



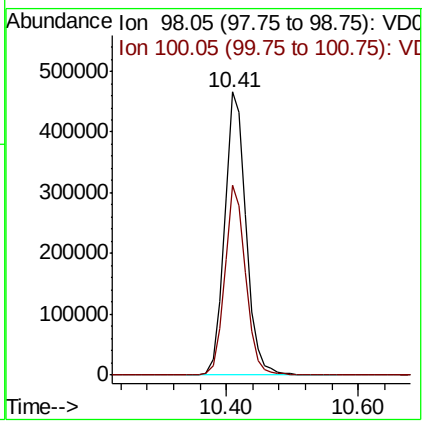


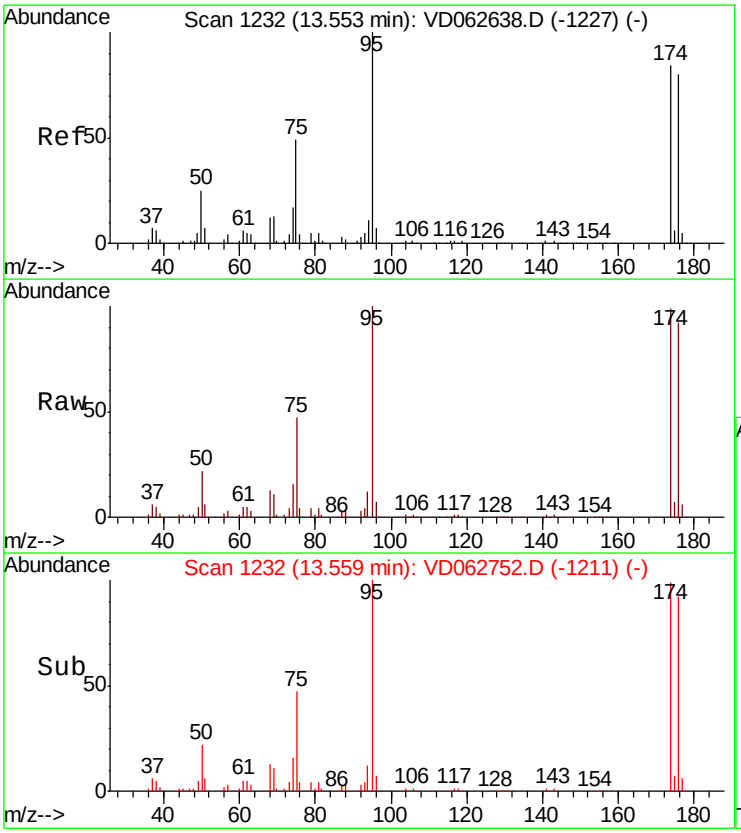
#50
Toluene-d8
Concen: 44.307 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD062752.D
Acq: 18 Jun 2019 16:25

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 98 Resp: 1060948

Ion	Ratio	Lower	Upper
98	100		
100	67.0	52.1	78.1

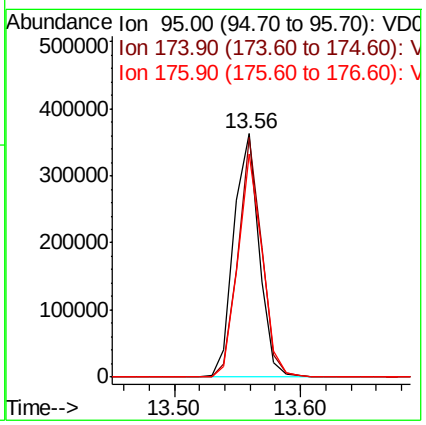


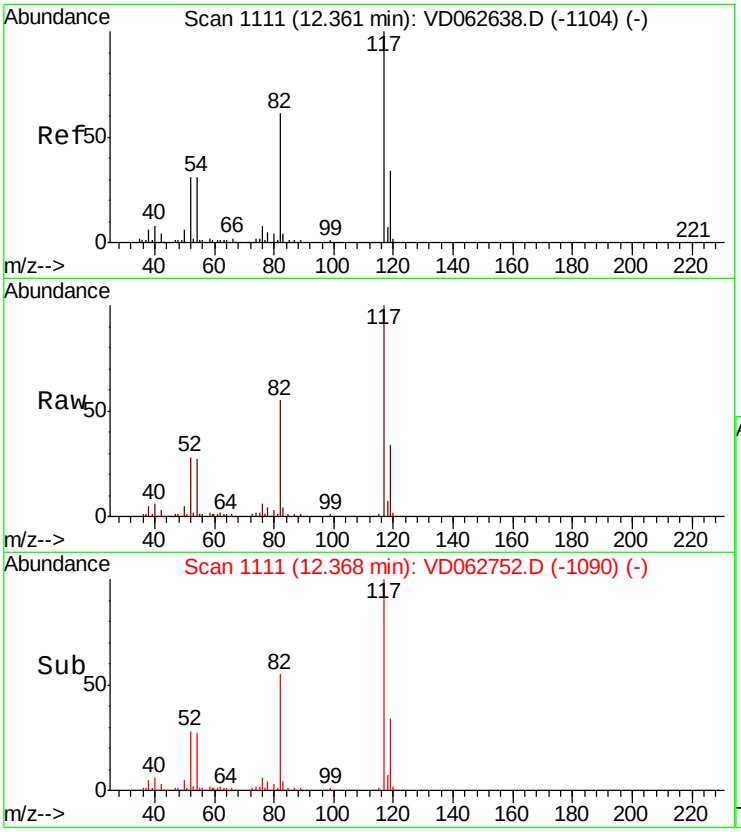


#62
4-Bromofluorobenzene
Concen: 44.565 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD062752.D
Acq: 18 Jun 2019 16:25

Tgt Ion: 95 Resp: 497846

Ion	Ratio	Lower	Upper
95	100		
174	98.6	0.0	167.0
176	91.8	0.0	159.2



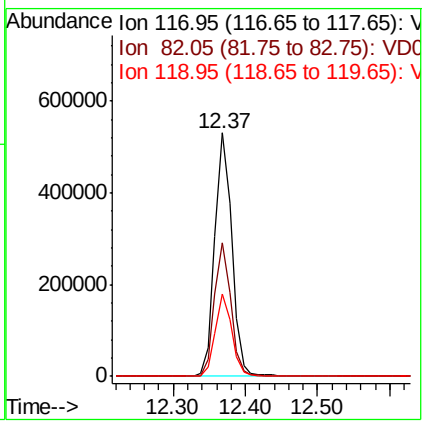


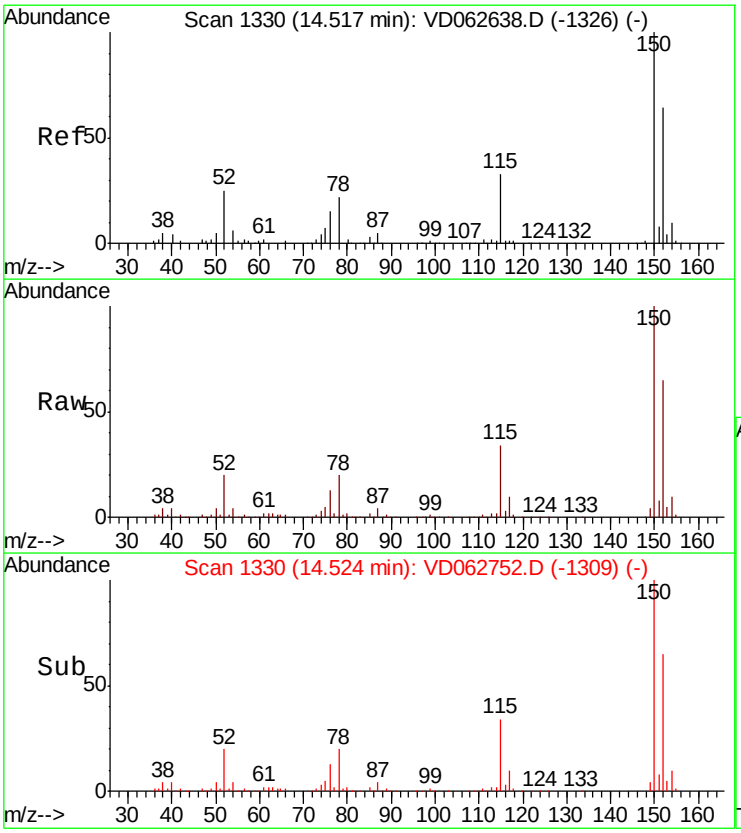
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD062752.D
Acq: 18 Jun 2019 16:25

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 858105

Ion	Ratio	Lower	Upper
117	100		
82	54.8	48.7	73.1
119	33.7	27.0	40.6

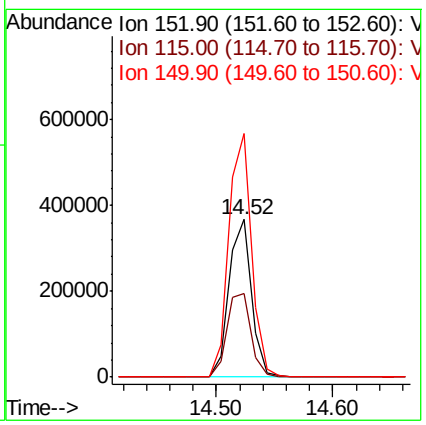


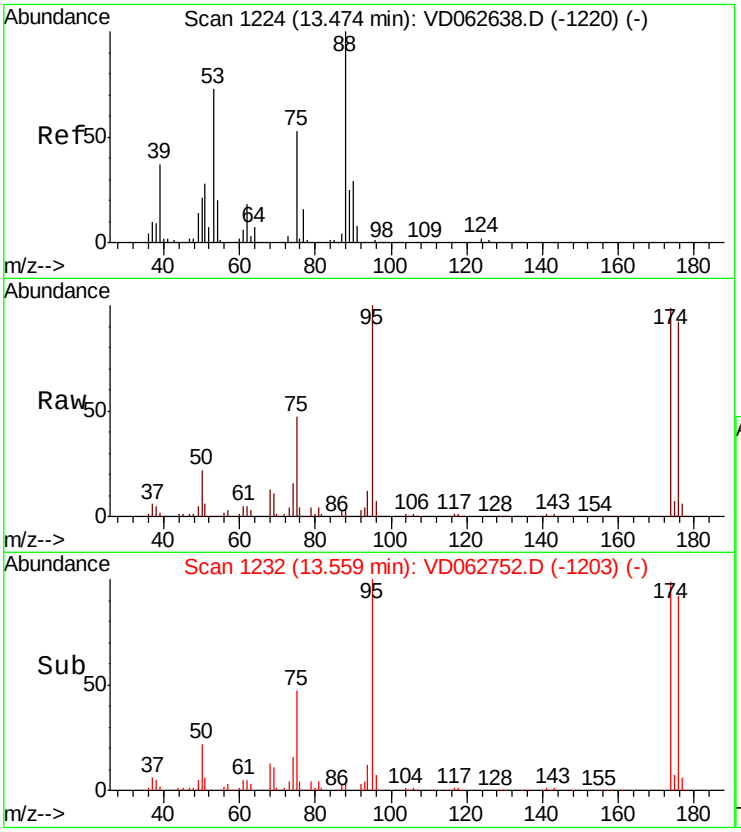


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD062752.D
Acq: 18 Jun 2019 16:25

Tgt Ion:152 Resp: 491309

Ion	Ratio	Lower	Upper
152	100		
115	53.2	30.1	90.5
150	154.7	0.0	314.0



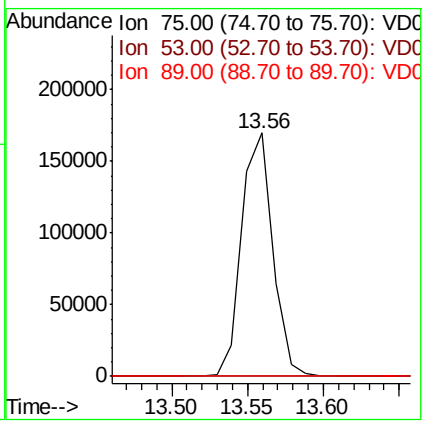


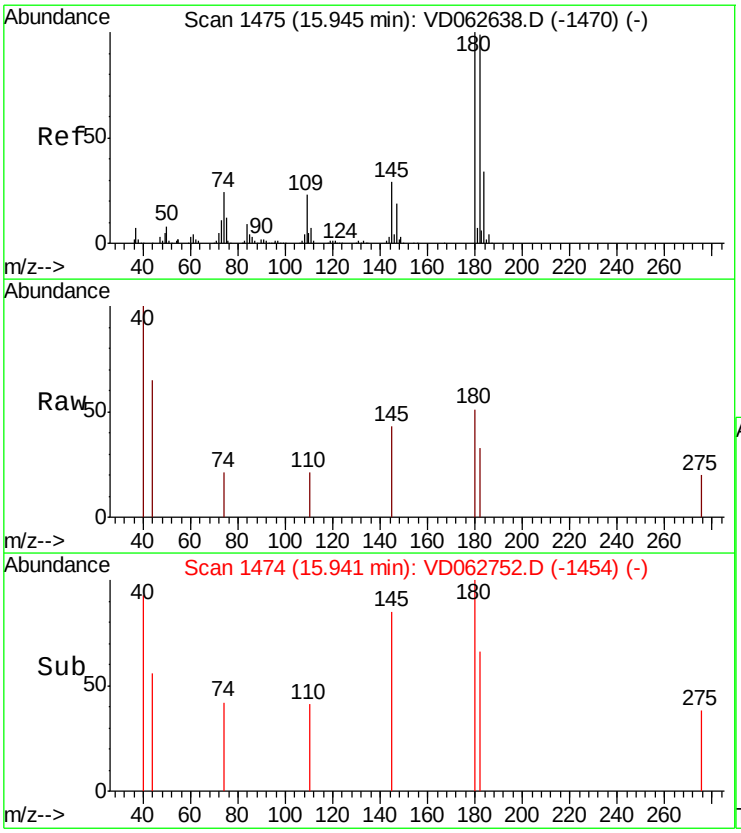
#81
trans-1,4-Dichloro-2-butene
Concen: 117.343 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.09 min
Lab File: VD062752.D
Acq: 18 Jun 2019 16:25

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 243056

Ion	Ratio	Lower	Upper
75	100		
53	0.0	109.4	164.2#
89	0.0	37.0	55.6#

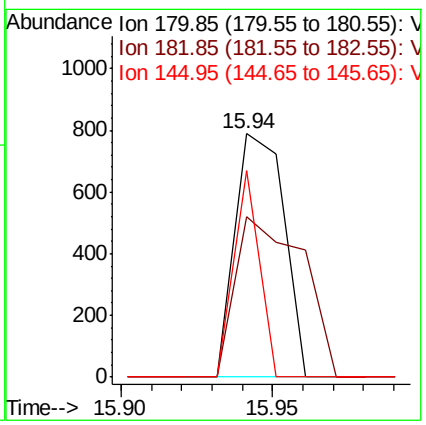


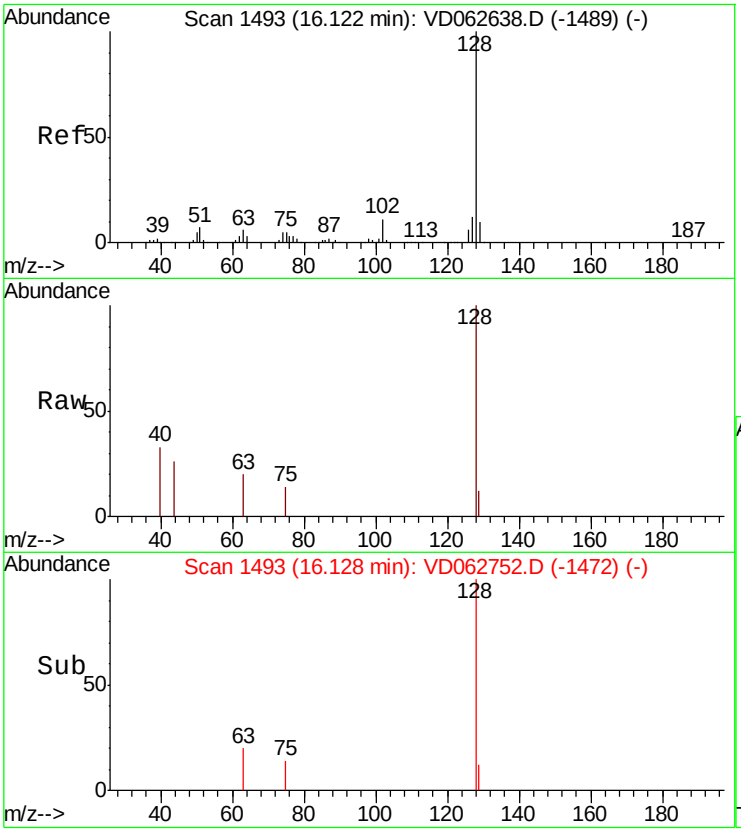


#93
1,2,4-Trichlorobenzene
Concen: 3.634 ug/l
RT: 15.94 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VD062752.D
Acq: 18 Jun 2019 16:25

Tgt Ion:180 Resp: 894

Ion	Ratio	Lower	Upper
180	100		
182	65.7	49.4	148.2
145	84.7	14.5	43.6#





#95
Naphthalene
Concen: 3.665 ug/l
RT: 16.13 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VD062752.D
Acq: 18 Jun 2019 16:25

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 4129

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.7	14.5#
129	12.2	8.1	12.1#