Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062519\
Data File : VD062901.D
Acq On : 26 Jun 2019 3:57
Operator : VA/AP
Sample : K3528-05
Misc : 5.01g/5ml/MSVOA_D/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SB-08-9.5-10.0

Quant Time: Jun 26 05:39:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	426082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	612062	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	513135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	315874	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	344688	74.42	ug/l	-0.01
Spiked Amount 50.000			Recovery = 148.84%			
35) Dibromofluoromethane	6.93	113	311297	60.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 120.64%			
50) Toluene-d8	10.41	98	616645	54.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.80%			
62) 4-Bromofluorobenzene	13.55	95	307842	60.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 120.54%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.98	59	7119	33.749	ug/l #	77
13) Acrolein	3.01	56	246	1.142	ug/l #	15
16) Acetone	3.22	43	5572	Below Cal	#	64
20) Methylene Chloride	3.82	84	6560	1.857	ug/l #	73
25) 2-Butanone	6.15	43	8689	10.031	ug/l #	64
31) Cyclohexane	7.03	56	10531	2.421	ug/l #	22
36) 1,1-Dichloropropene	7.05	75	36865	6.363	ug/l #	57
37) Ethyl Acetate	6.15	43	9045	2.674	ug/l #	35
38) Carbon Tetrachloride	7.04	117	41744	4.790	ug/l #	15
51) 4-Methyl-2-Pentanone	10.29	43	2169	1.007	ug/l #	41
81) trans-1,4-Dichloro-2-buten	13.55	75	146731	153.532	ug/l #	2

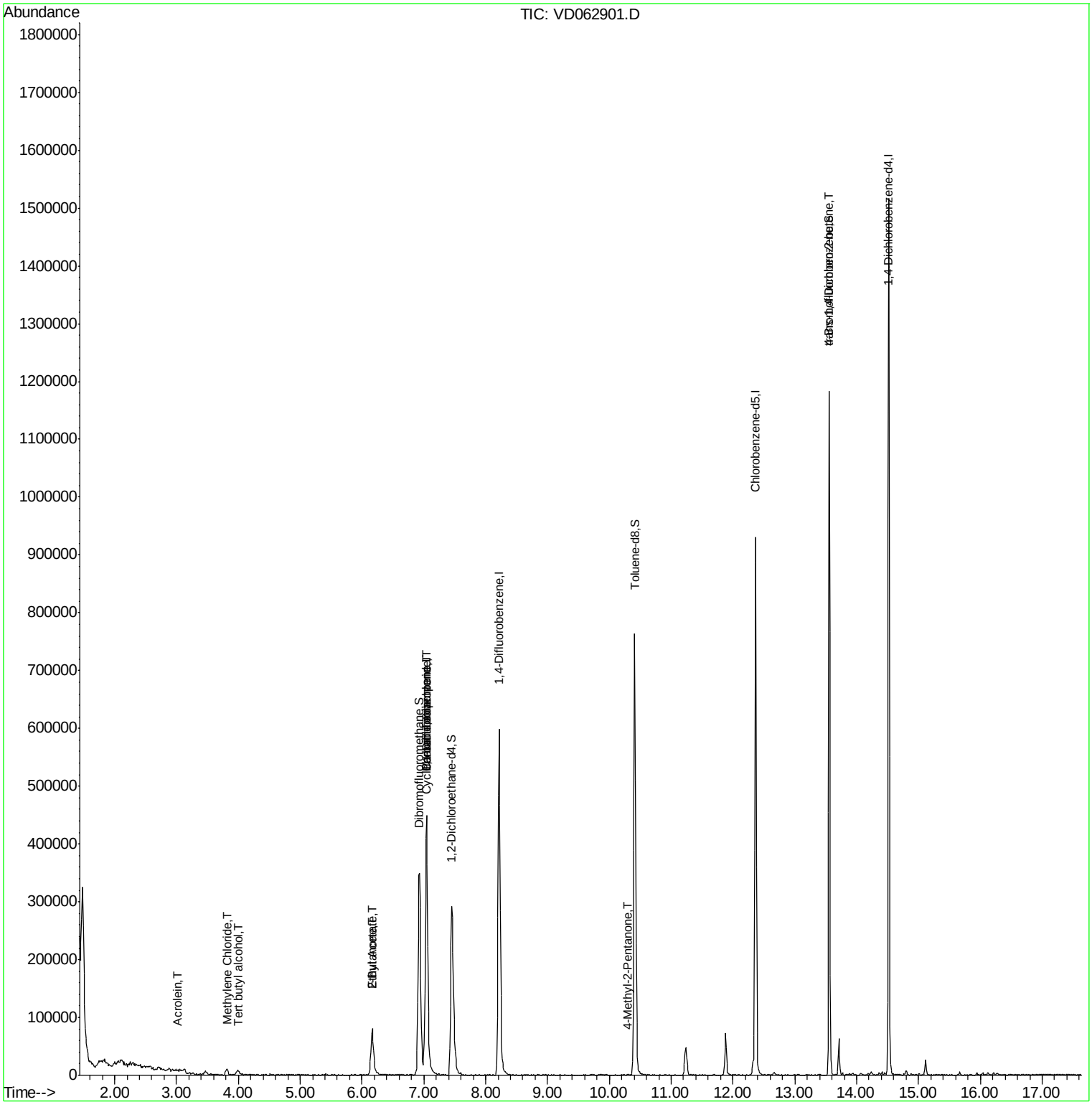
(#) = qualifier out of range (m) = manual integration (+) = signals summed

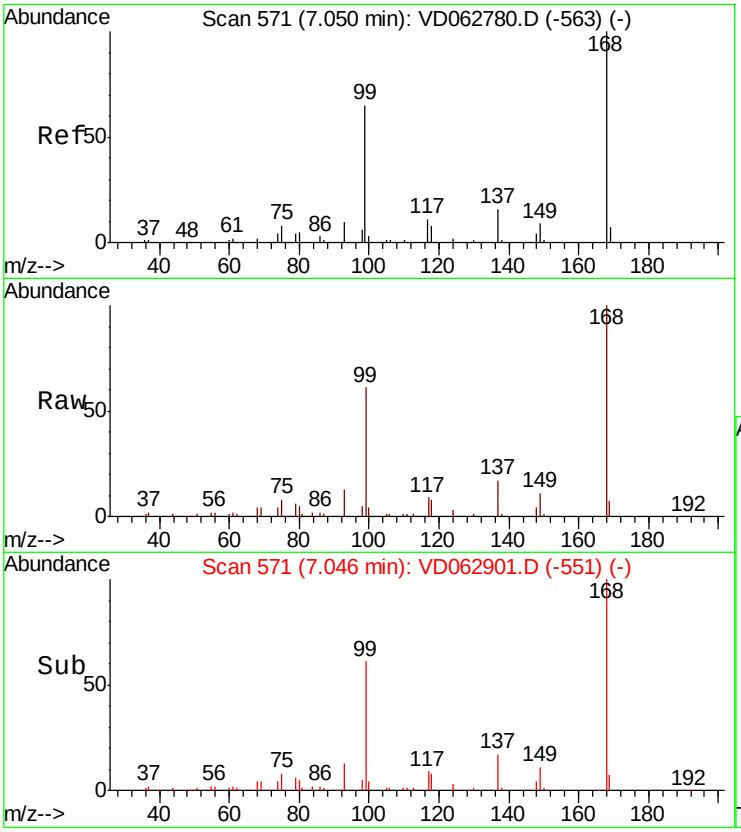
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
Data File : VD062901.D
Acq On : 26 Jun 2019 3:57
Operator : VA/AP
Sample : K3528-05
Misc : 5.01g/5ml/MSVOA D/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-08-9.5-10.0

Quant Time: Jun 26 05:39:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration



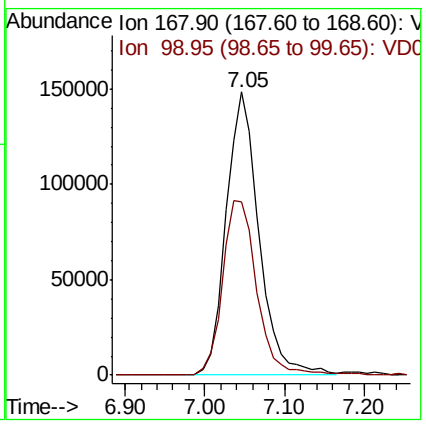


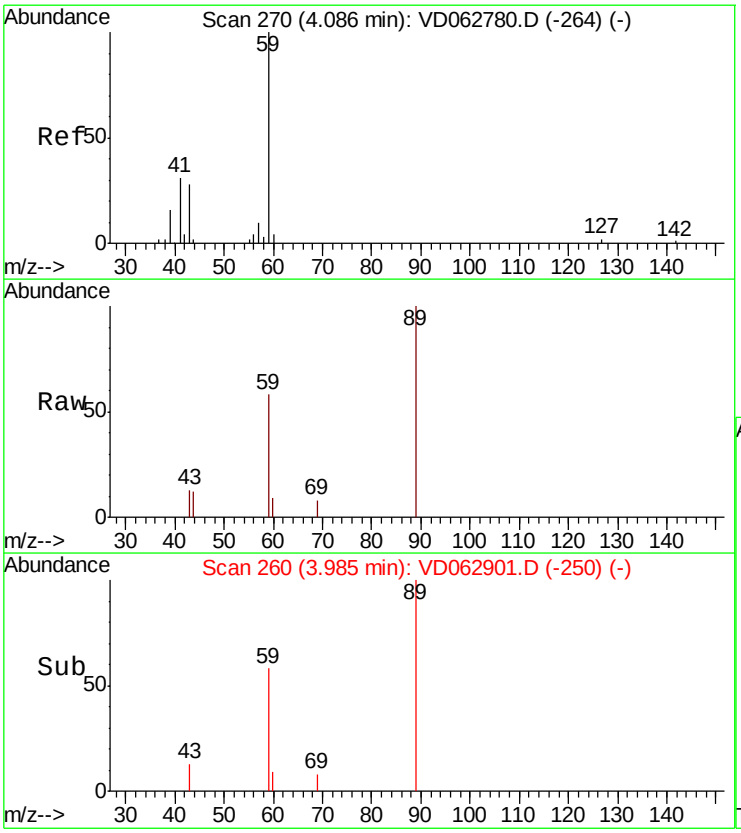
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.00 min
Lab File: VD062901.D
Acq: 26 Jun 2019 3:57

Instrument :
MSVOA_D
ClientSampleId :
SB-08-9.5-10.0

Tgt Ion:168 Resp: 426082

Ion	Ratio	Lower	Upper
168	100		
99	61.4	53.0	79.6

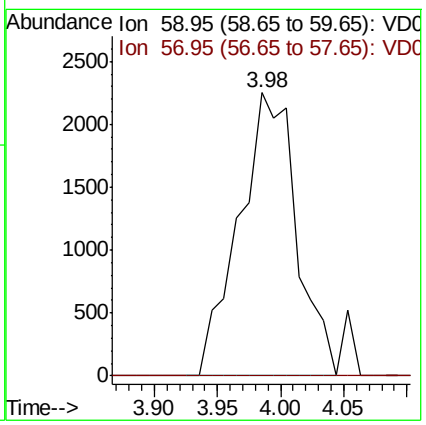


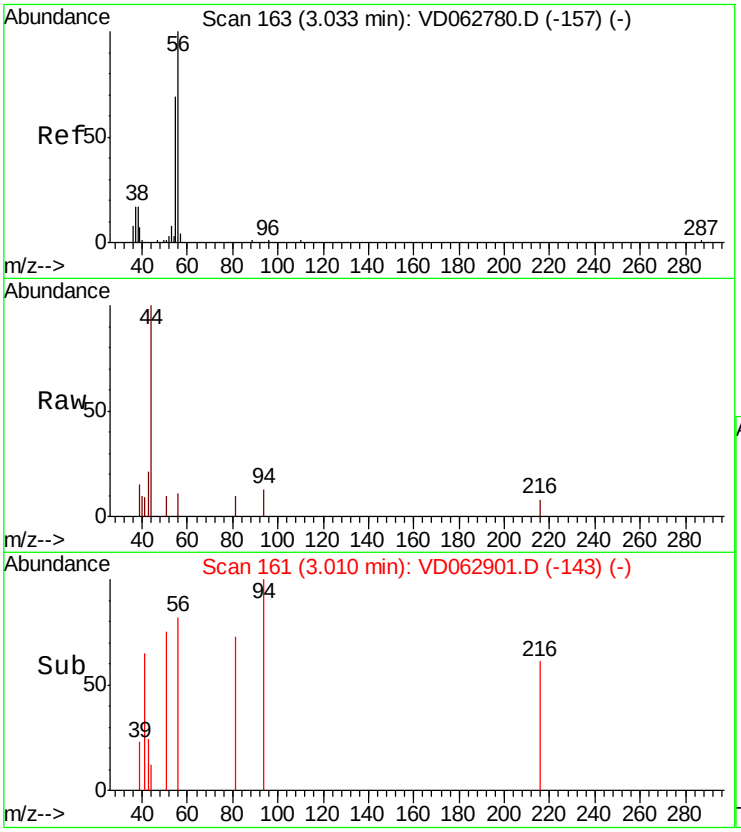


#11
Tert butyl alcohol
Concen: 33.749 ug/l
RT: 3.98 min Scan# 260
Delta R.T. -0.10 min
Lab File: VD062901.D
Acq: 26 Jun 2019 3:57

Tgt Ion: 59 Resp: 7119

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.6	10.0#



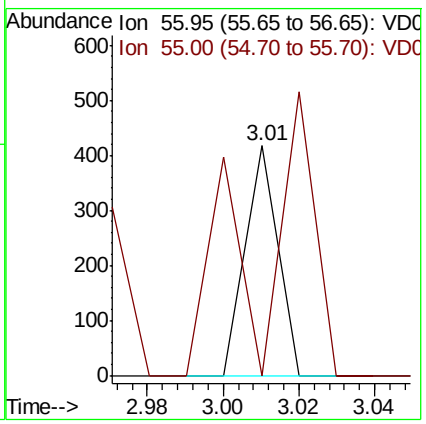


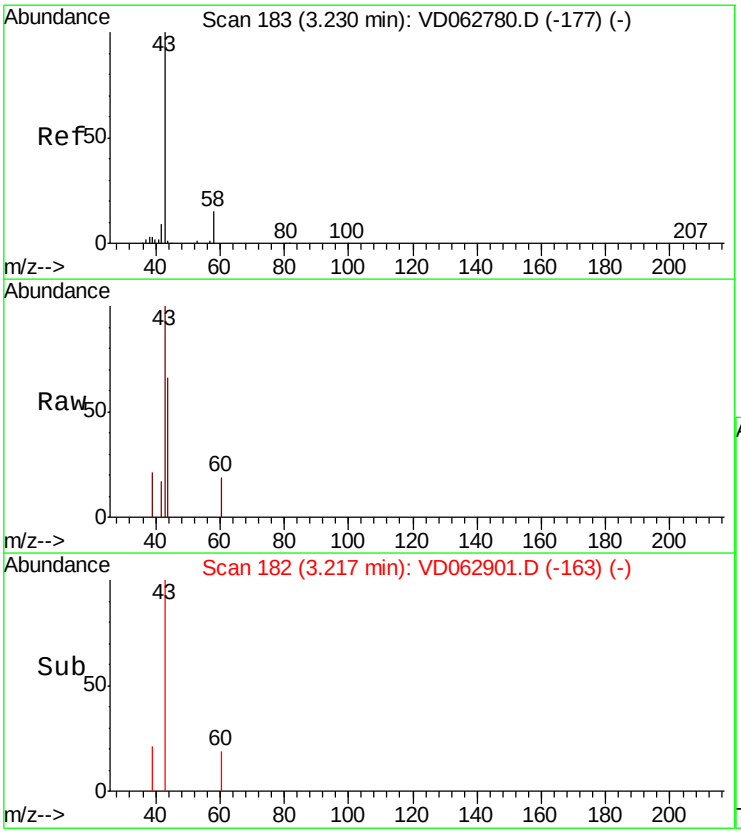
#13
Acrolein
Concen: 1.142 ug/l
RT: 3.01 min Scan# 161
Delta R.T. -0.02 min
Lab File: VD062901.D
Acq: 26 Jun 2019 3:57

Instrument : MSVOA_D
ClientSampleId : SB-08-9.5-10.0

Tgt Ion: 56 Resp: 246

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.4	83.0#

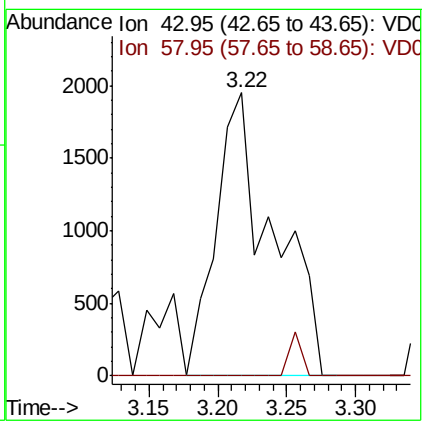


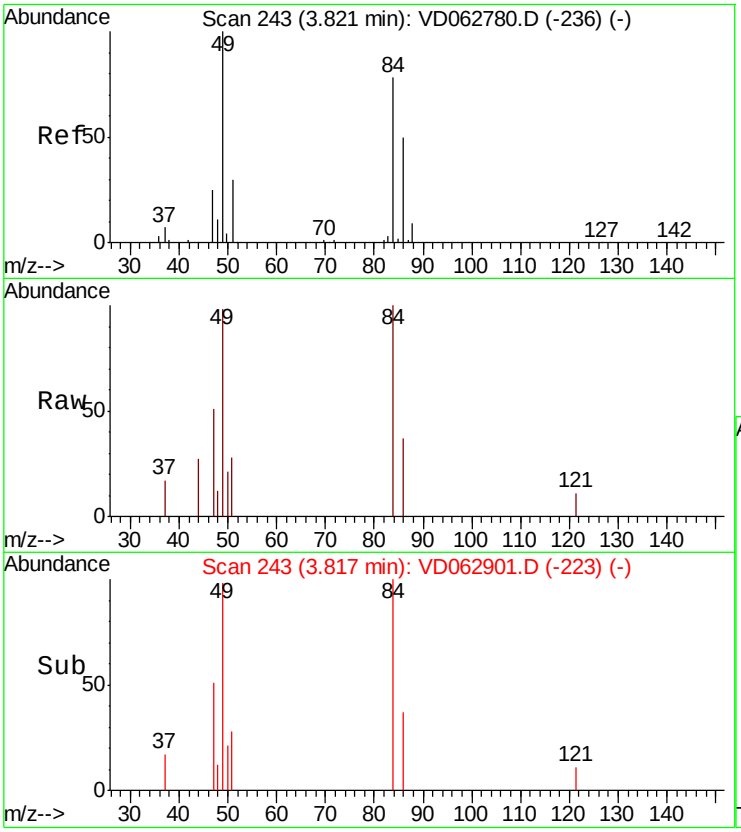


#16
Acetone
Concen: Below Cal
RT: 3.22 min Scan# 182
Delta R.T. -0.01 min
Lab File: VD062901.D
Acq: 26 Jun 2019 3:57

Tgt Ion: 43 Resp: 5572

Ion	Ratio	Lower	Upper
43	100		
58	0.0	11.9	17.9#



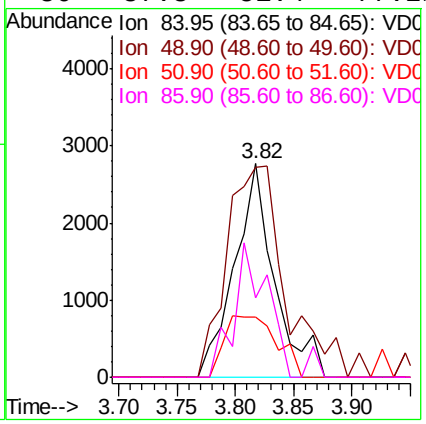


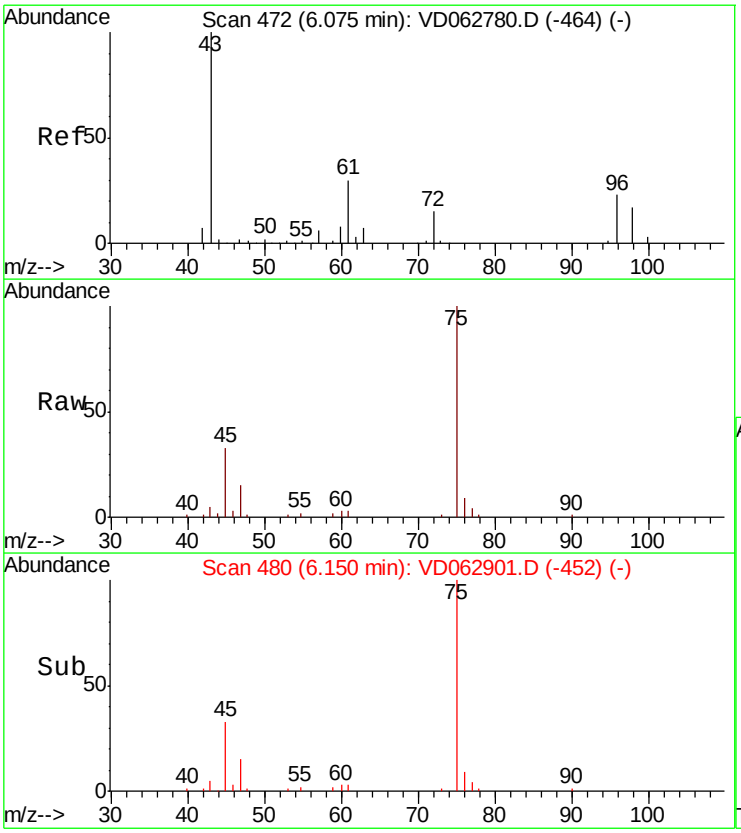
#20
Methylene Chloride
Concen: 1.857 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.00 min
Lab File: VD062901.D
Acq: 26 Jun 2019 3:57

Instrument : MSVOA_D
ClientSampleId : SB-08-9.5-10.0

Tgt Ion: 84 Resp: 6560

Ion	Ratio	Lower	Upper
84	100		
49	98.4	102.9	154.3#
51	28.3	31.2	46.8#
86	37.3	51.4	77.2#

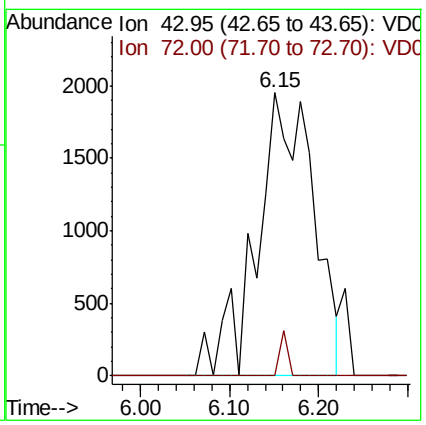


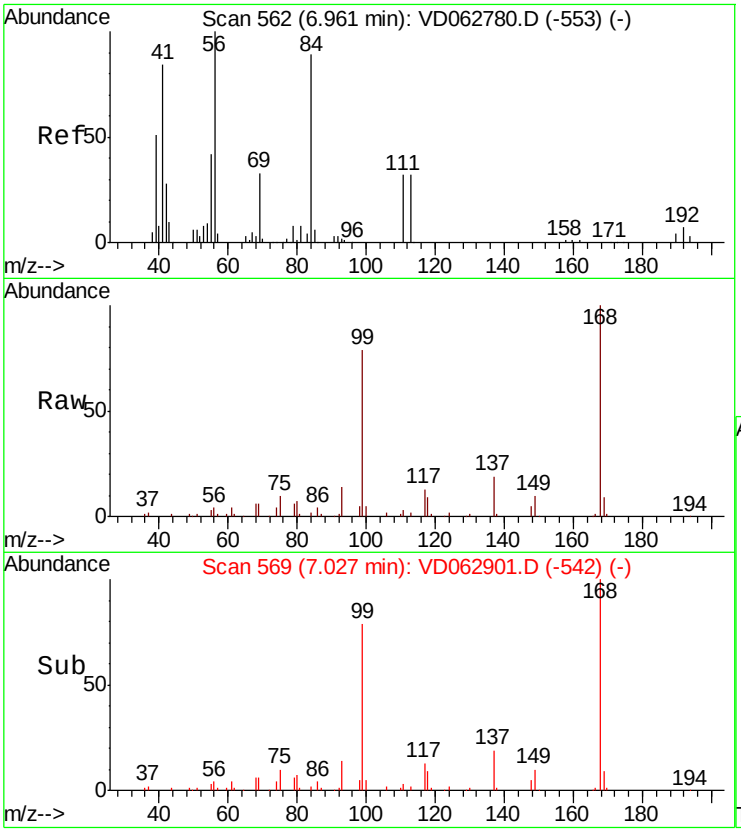


#25
2-Butanone
Concen: 10.031 ug/l
RT: 6.15 min Scan# 480
Delta R.T. 0.08 min
Lab File: VD062901.D
Acq: 26 Jun 2019 3:57

Tgt Ion: 43 Resp: 8689

Ion	Ratio	Lower	Upper
43	100		
72	0.0	11.9	17.9#



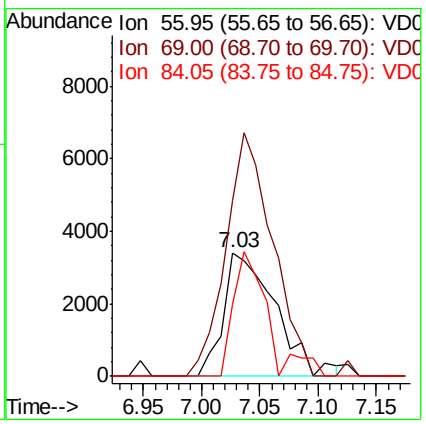


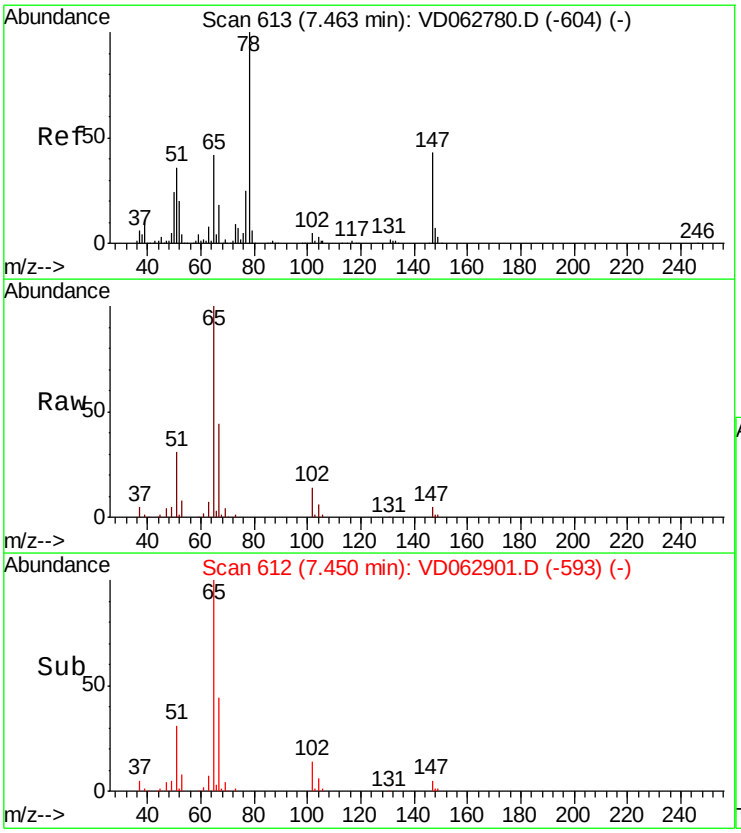
#31
Cyclohexane
Concen: 2.421 ug/l
RT: 7.03 min Scan# 569
Delta R.T. 0.07 min
Lab File: VD062901.D
Acq: 26 Jun 2019 3:57

Instrument :
MSVOA_D
ClientSampleId :
SB-08-9.5-10.0

Tgt Ion: 56 Resp: 10531

Ion	Ratio	Lower	Upper
56	100		
69	142.0	26.6	39.8#
84	58.0	75.5	113.3#

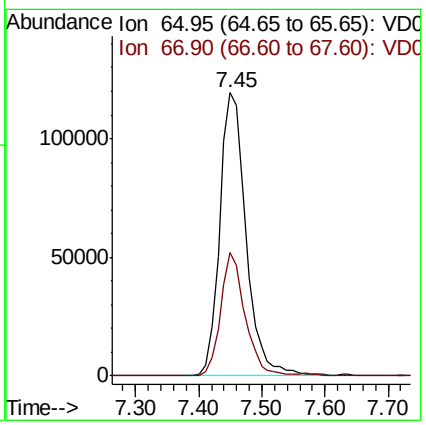


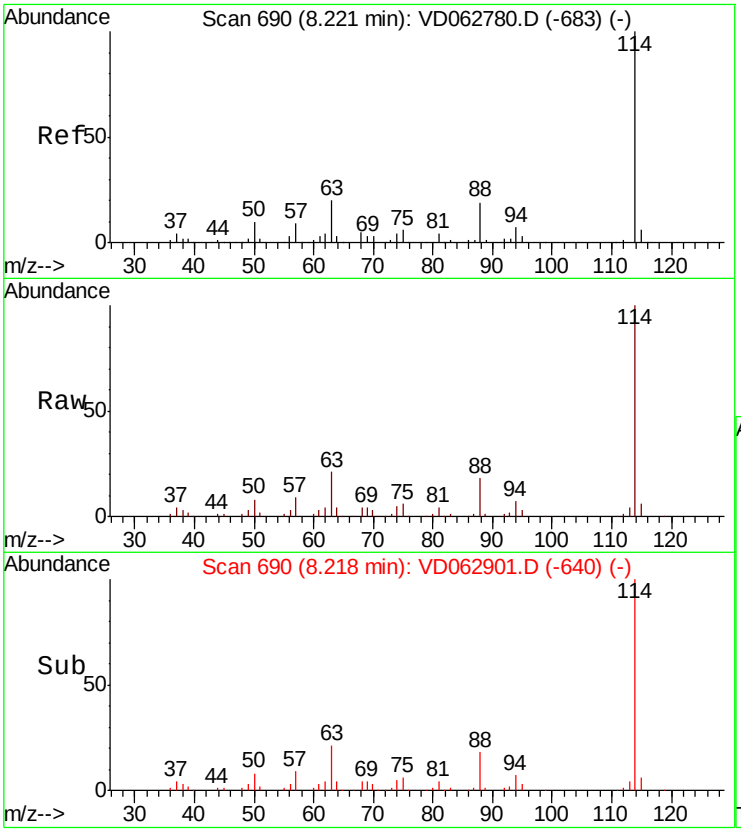


#33
1,2-Dichloroethane-d4
Concen: 74.423 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD062901.D
Acq: 26 Jun 2019 3:57

Tgt Ion: 65 Resp: 344688

Ion	Ratio	Lower	Upper
65	100		
67	43.6	0.0	87.4



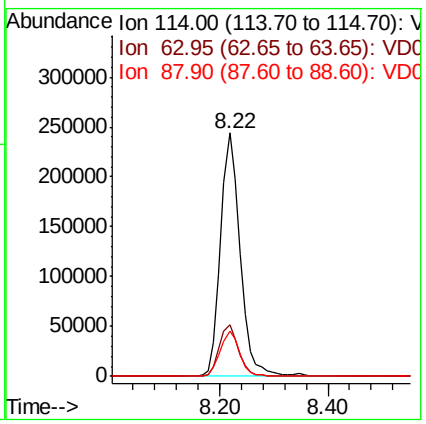


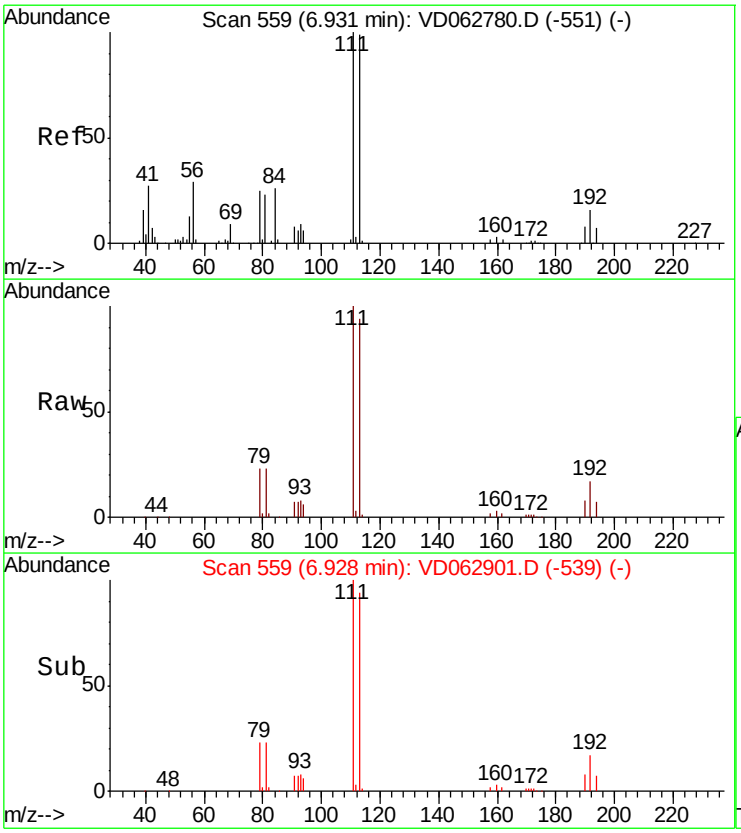
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. -0.00 min
Lab File: VD062901.D
Acq: 26 Jun 2019 3:57

Instrument :
MSVOA_D
ClientSampleId :
SB-08-9.5-10.0

Tgt Ion:114 Resp: 612062

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.0
88	18.5	0.0	38.8

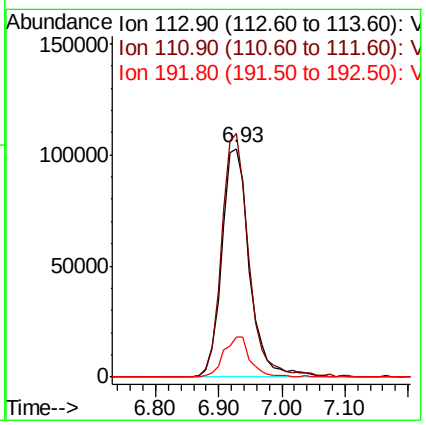


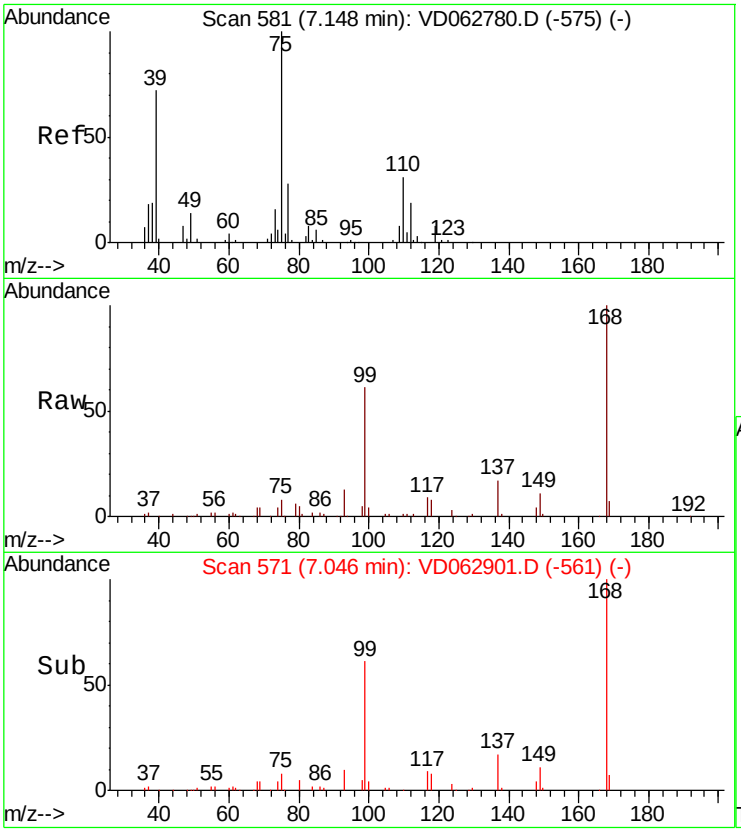


#35
Dibromofluoromethane
Concen: 60.319 ug/l
RT: 6.93 min Scan# 559
Delta R.T. -0.00 min
Lab File: VD062901.D
Acq: 26 Jun 2019 3:57

Tgt Ion:113 Resp: 311297

Ion	Ratio	Lower	Upper
113	100		
111	106.6	81.2	121.8
192	17.8	12.9	19.3



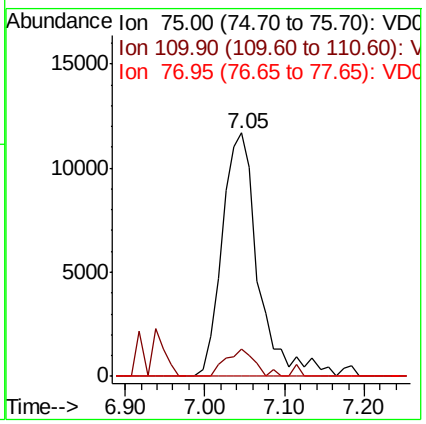


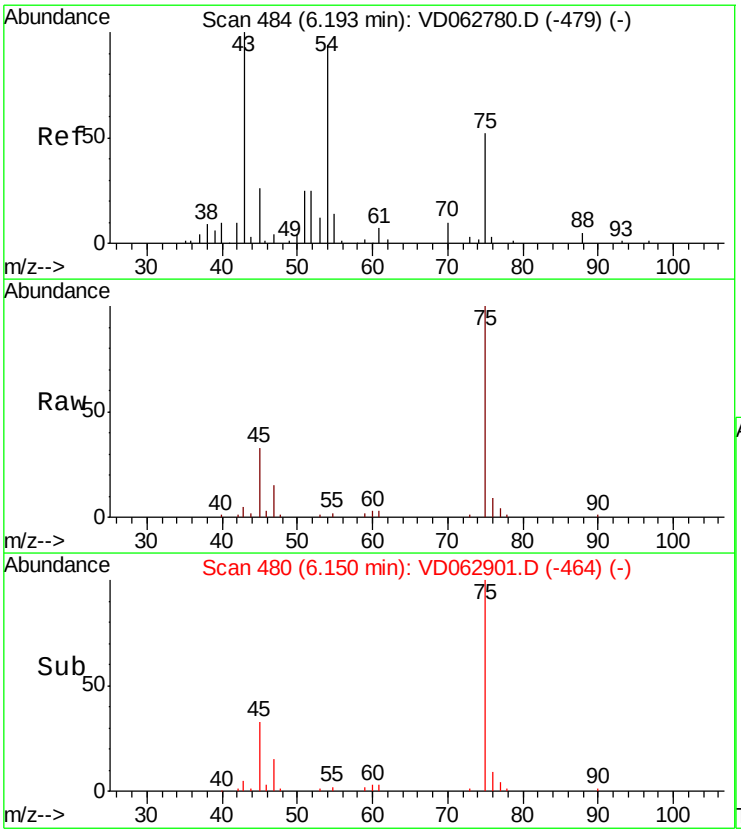
#36
1,1-Dichloropropene
Concen: 6.363 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.10 min
Lab File: VD062901.D
Acq: 26 Jun 2019 3:57

Instrument :
MSVOA_D
ClientSampleId :
SB-08-9.5-10.0

Tgt Ion: 75 Resp: 36865

Ion	Ratio	Lower	Upper
75	100		
110	11.3	15.0	45.1#
77	0.0	22.2	33.2#

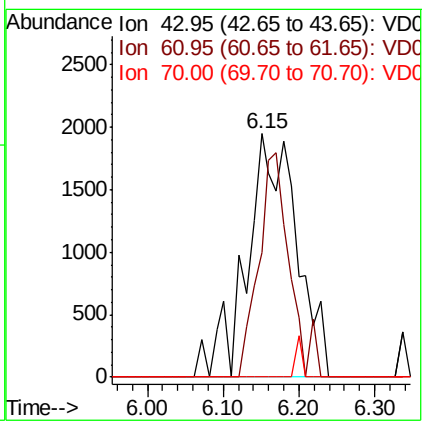


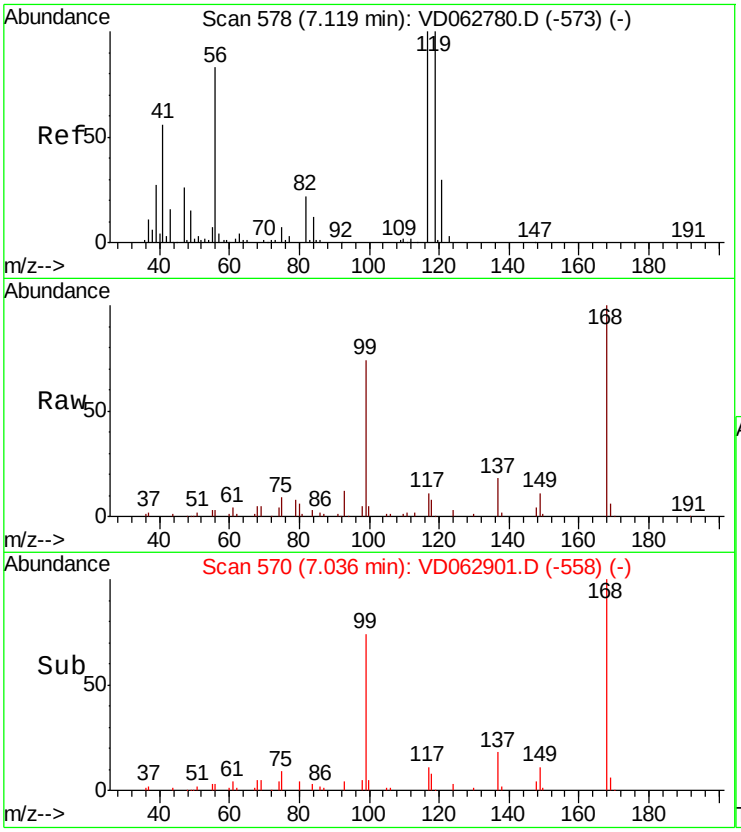


#37
Ethyl Acetate
Concen: 2.674 ug/l
RT: 6.15 min Scan# 480
Delta R.T. -0.04 min
Lab File: VD062901.D
Acq: 26 Jun 2019 3:57

Tgt Ion: 43 Resp: 9045

Ion	Ratio	Lower	Upper
43	100		
61	50.9	11.6	17.4#
70	0.0	6.4	9.6#



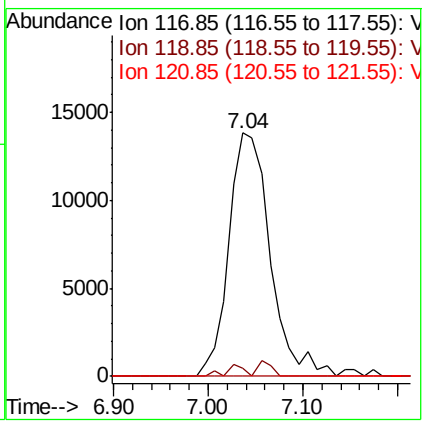


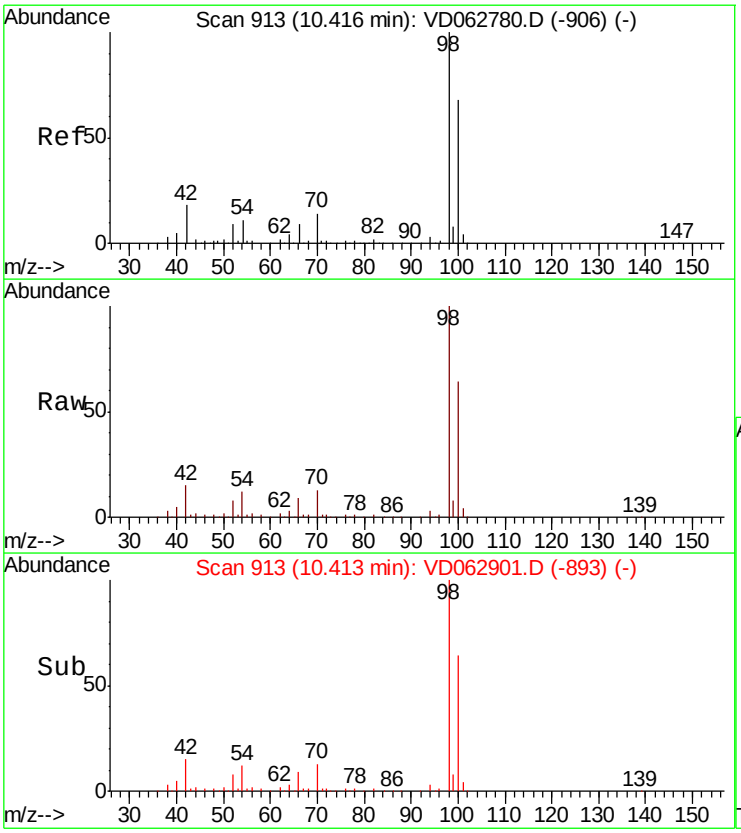
#38
Carbon Tetrachloride
Concen: 4.790 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.08 min
Lab File: VD062901.D
Acq: 26 Jun 2019 3:57

Instrument :
MSVOA_D
ClientSampleId :
SB-08-9.5-10.0

Tgt Ion:117 Resp: 41744

Ion	Ratio	Lower	Upper
117	100		
119	3.5	75.4	113.2#
121	0.0	22.3	33.5#

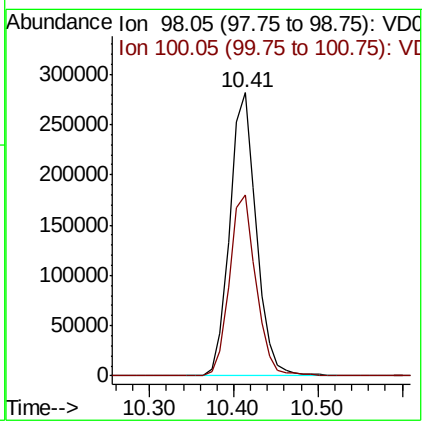


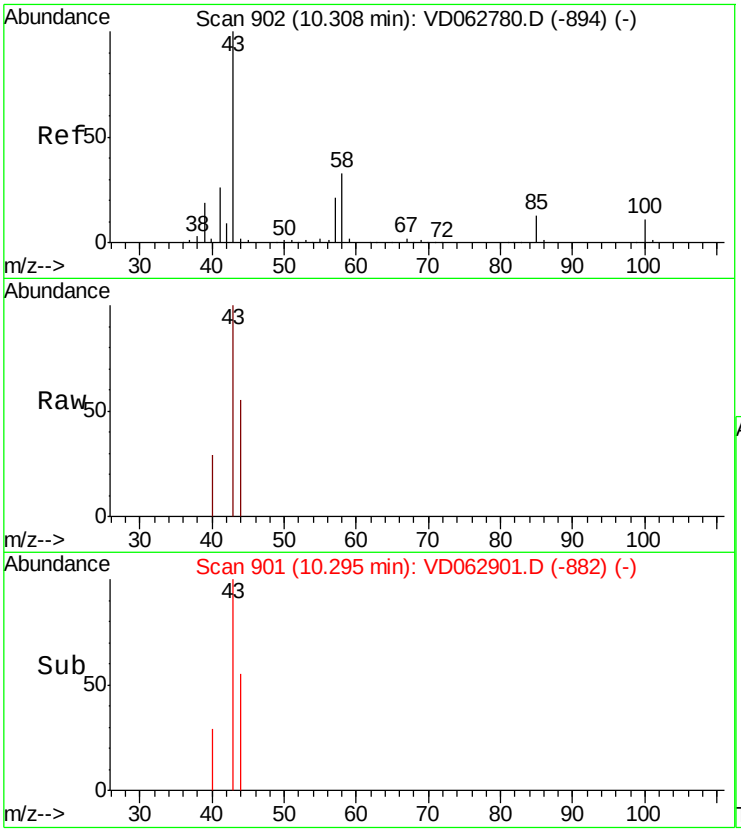


#50
Toluene-d8
Concen: 54.899 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD062901.D
Acq: 26 Jun 2019 3:57

Tgt Ion: 98 Resp: 616645

Ion	Ratio	Lower	Upper
98	100		
100	63.8	54.7	82.1



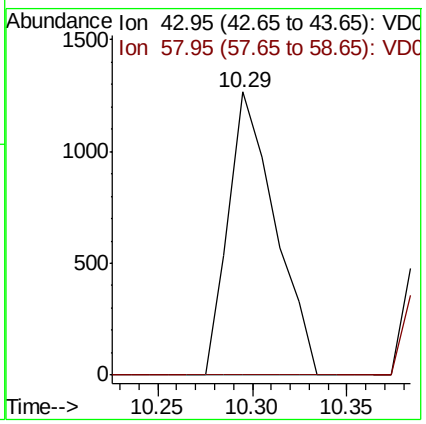


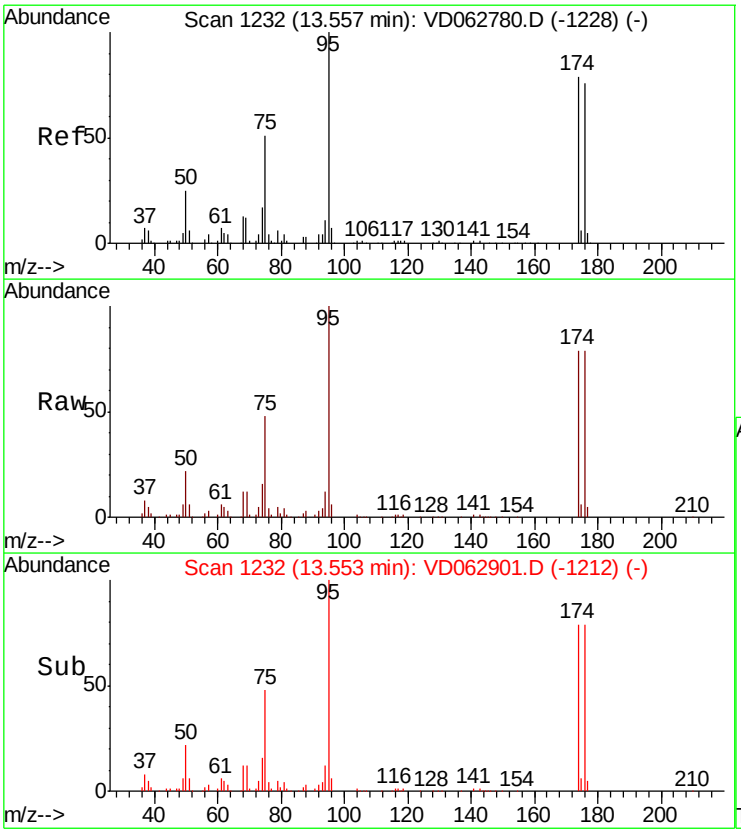
#51
4-Methyl-2-Pentanone
Concen: 1.007 ug/l
RT: 10.29 min Scan# 901
Delta R.T. -0.01 min
Lab File: VD062901.D
Acq: 26 Jun 2019 3:57

Instrument : MSVOA_D
ClientSampleId : SB-08-9.5-10.0

Tgt Ion: 43 Resp: 2169

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.6	40.0#

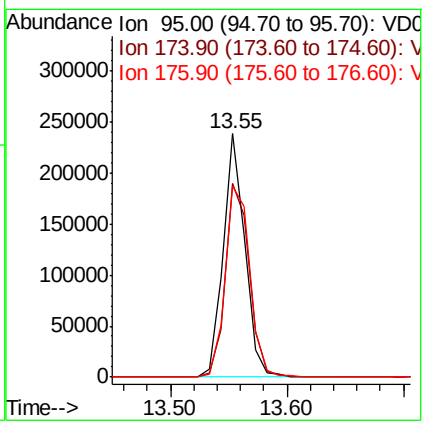


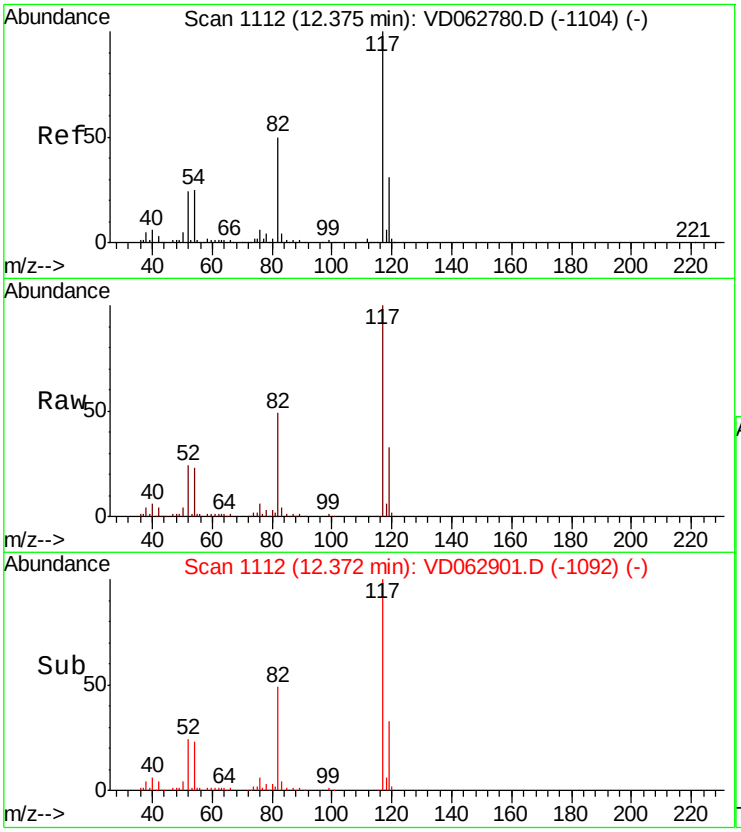


#62
4-Bromofluorobenzene
Concen: 60.273 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062901.D
Acq: 26 Jun 2019 3:57

Tgt Ion: 95 Resp: 307842

Ion	Ratio	Lower	Upper
95	100		
174	79.4	0.0	158.0
176	78.7	0.0	151.6



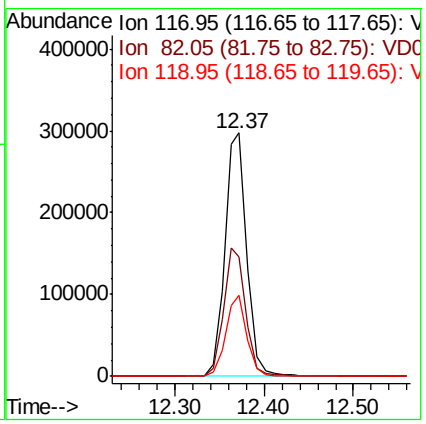


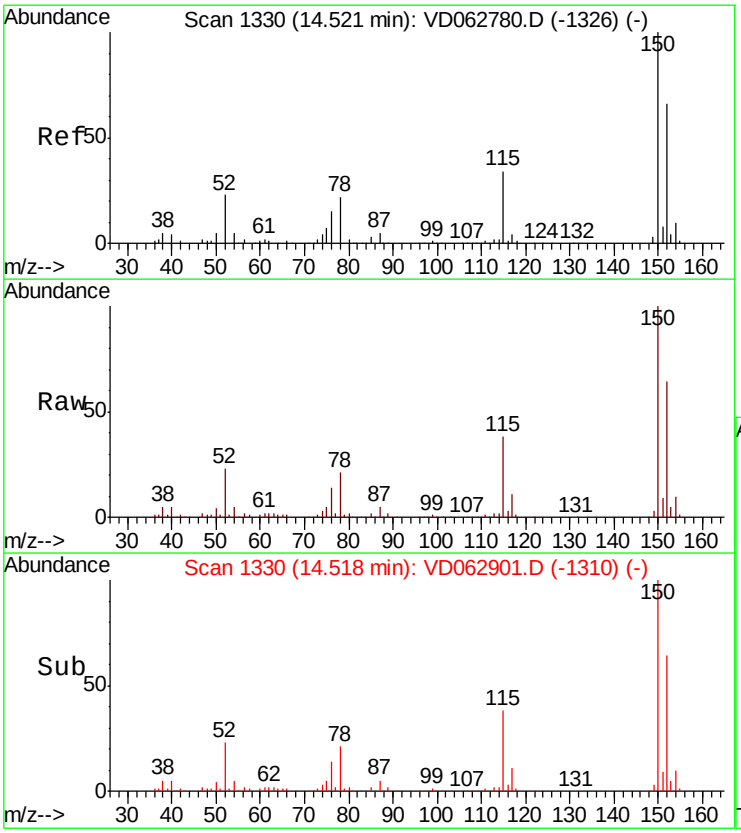
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062901.D
Acq: 26 Jun 2019 3:57

Instrument : MSVOA_D
ClientSampleId : SB-08-9.5-10.0

Tgt Ion:117 Resp: 513135

Ion	Ratio	Lower	Upper
117	100		
82	49.3	40.4	60.6
119	33.4	25.2	37.8

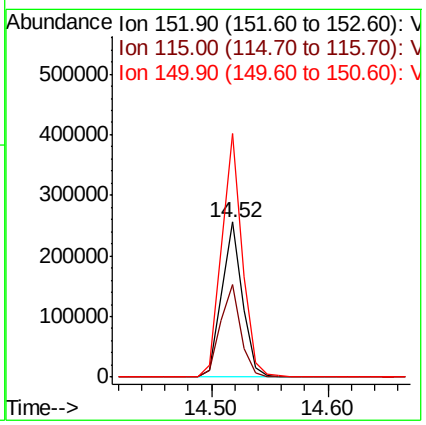


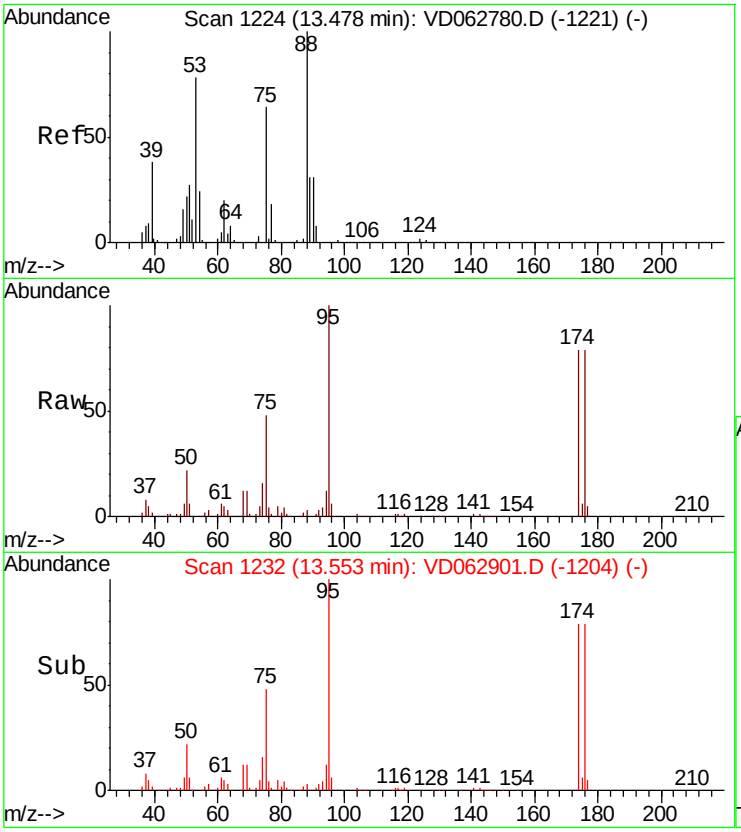


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062901.D
Acq: 26 Jun 2019 3:57

Tgt Ion:152 Resp: 315874

Ion	Ratio	Lower	Upper
152	100		
115	59.7	29.2	87.6
150	157.1	0.0	305.8





#81
trans-1,4-Dichloro-2-butene
Concen: 153.532 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.08 min
Lab File: VD062901.D
Acq: 26 Jun 2019 3:57

Instrument :
MSVOA_D
ClientSampleId :
SB-08-9.5-10.0

Tgt Ion: 75 Resp: 146731

Ion	Ratio	Lower	Upper
75	100		
53	0.0	97.8	146.8#
89	0.0	39.4	59.2#