Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081519\
Data File : VD063618.D
Acq On : 15 Aug 2019 21:00
Operator : JC/SY
Sample : K4340-01RE
Misc : 5.27g/5ml/MSVOA_D/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : LS-SAMPLE-1RE

Quant Time: Aug 16 01:07:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	122314	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	188364	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	150835	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	51155	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	150113	114.81	ug/l	-0.02
Spiked Amount 50.000			Recovery = 229.62%			
35) Dibromofluoromethane	6.92	113	127858	80.60	ug/l	-0.01
Spiked Amount 50.000			Recovery = 161.20%			
50) Toluene-d8	10.41	98	227440	65.21	ug/l	-0.01
Spiked Amount 50.000			Recovery = 130.42%			
62) 4-Bromofluorobenzene	13.55	95	73783	46.67	ug/l	-0.01
Spiked Amount 50.000			Recovery = 93.34%			
Target Compounds						Qvalue
5) Bromomethane	2.13	94	685	1.265	ug/l #	11
13) Acrolein	3.03	56	679	12.120	ug/l	85
16) Acetone	3.21	43	46875	176.369	ug/l	99
18) Methyl Acetate	3.64	43	810	1.609	ug/l #	1
20) Methylene Chloride	3.80	84	8497	7.393	ug/l #	85
25) 2-Butanone	6.07	43	1716	6.537	ug/l #	23
29) Tetrahydrofuran	6.45	42	4731	38.679	ug/l #	89
31) Cyclohexane	7.02	56	3390	2.872	ug/l #	75
36) 1,1-Dichloropropene	7.04	75	9909	5.951	ug/l #	42
38) Carbon Tetrachloride	7.03	117	10783	4.297	ug/l #	22
41) Methacrylonitrile	6.44	41	1665	1.895	ug/l #	69
81) trans-1,4-Dichloro-2-buten	13.55	75	33392	211.617	ug/l #	1

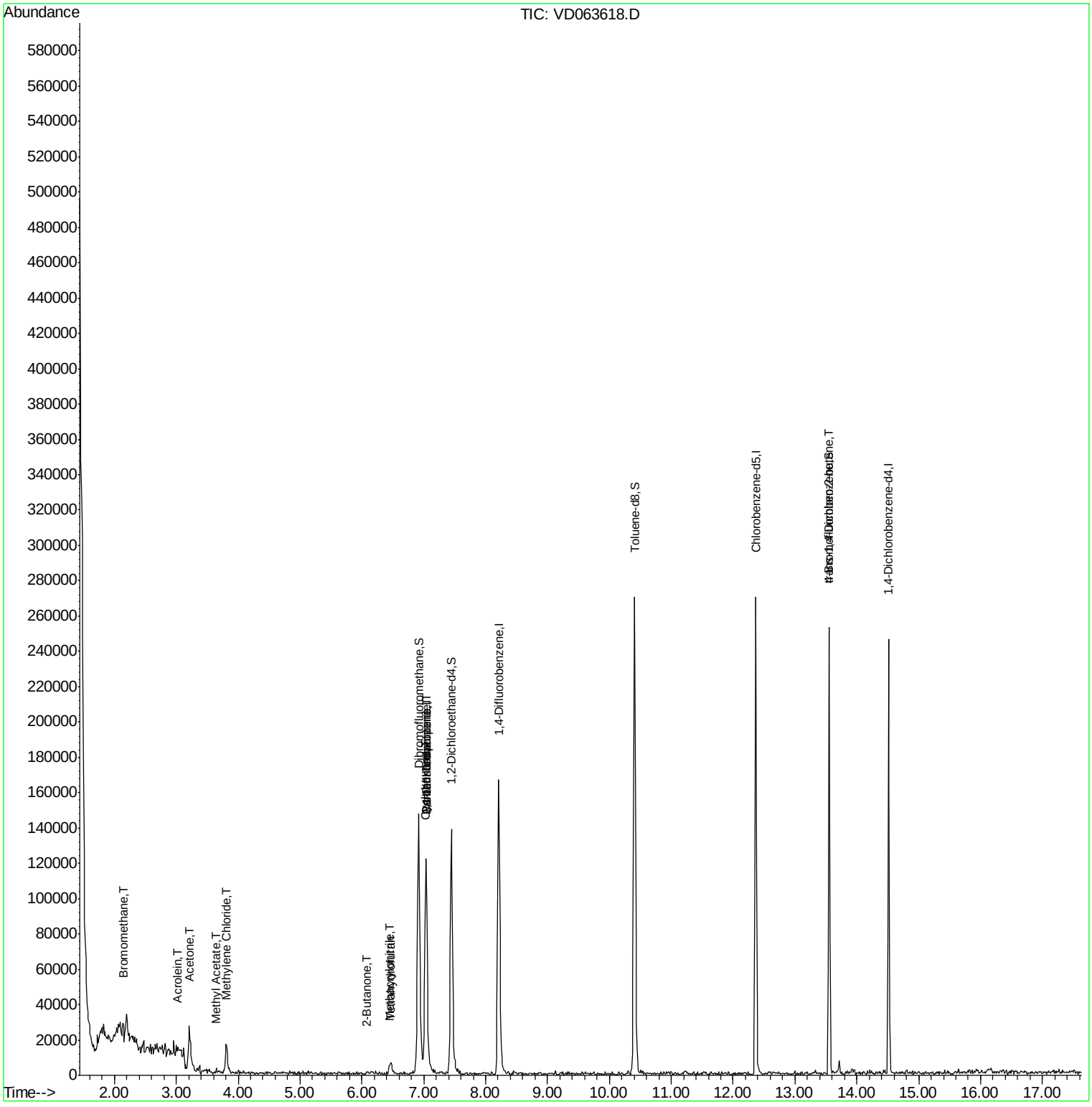
(#) = qualifier out of range (m) = manual integration (+) = signals summed

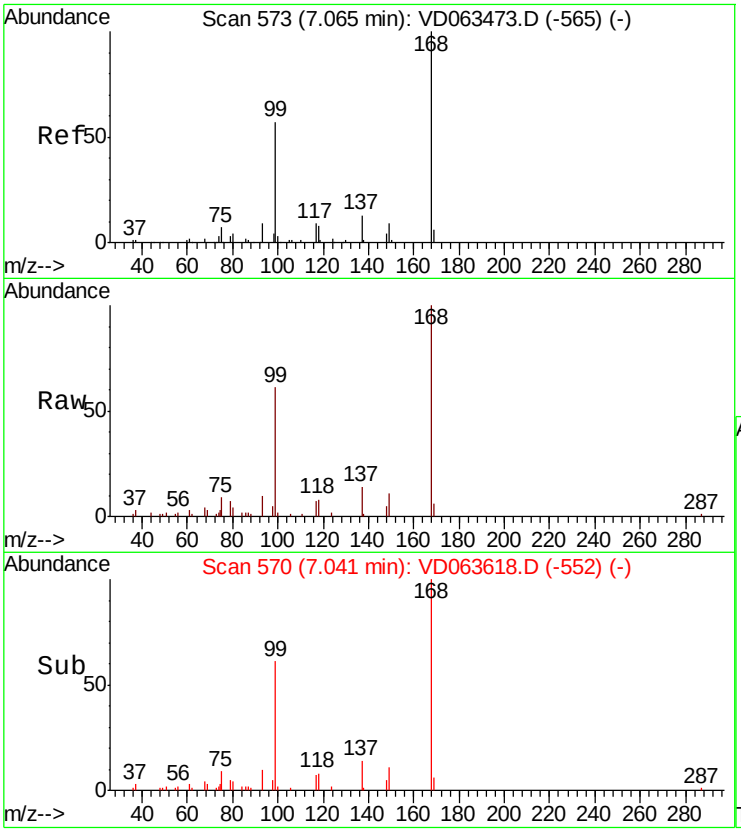
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081519\
Data File : VD063618.D
Acq On : 15 Aug 2019 21:00
Operator : JC/SY
Sample : K4340-01RE
Misc : 5.27g/5ml/MSVOA_D/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
LS-SAMPLE-1RE

Quant Time: Aug 16 01:07:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration



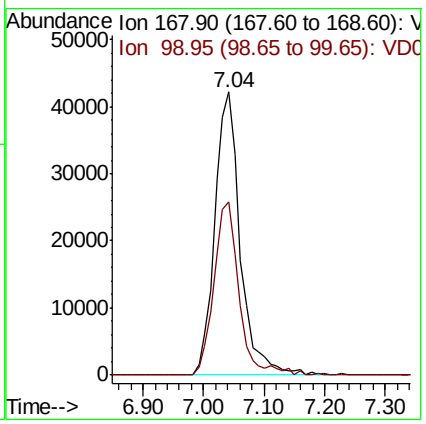


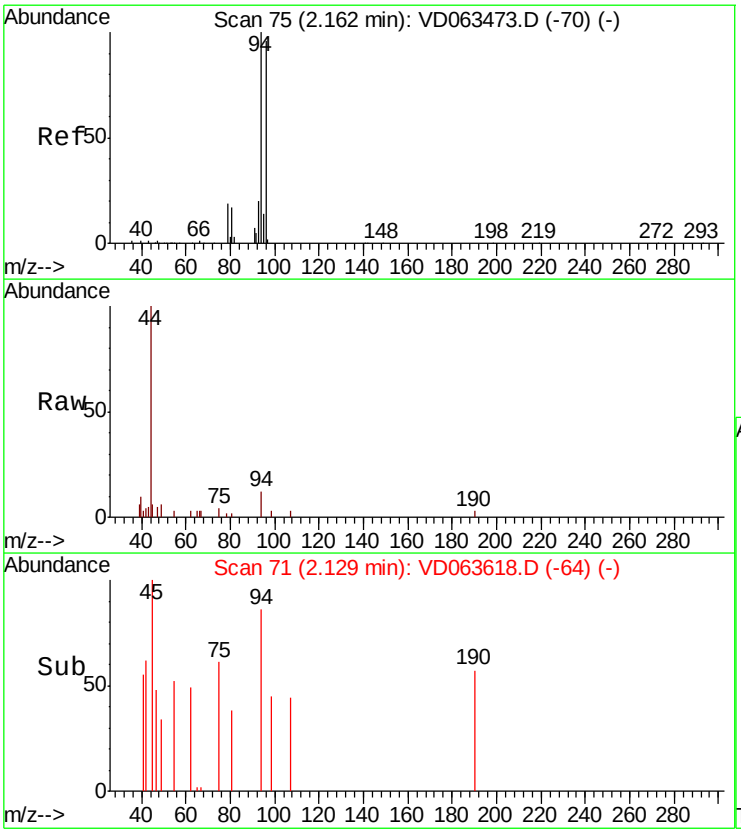
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.02 min
Lab File: VD063618.D
Acq: 15 Aug 2019 21:00

Instrument : MSVOA_D
ClientSampleId : LS-SAMPLE-1RE

Tgt Ion:168 Resp: 122314

Ion	Ratio	Lower	Upper
168	100		
99	61.4	46.7	70.1

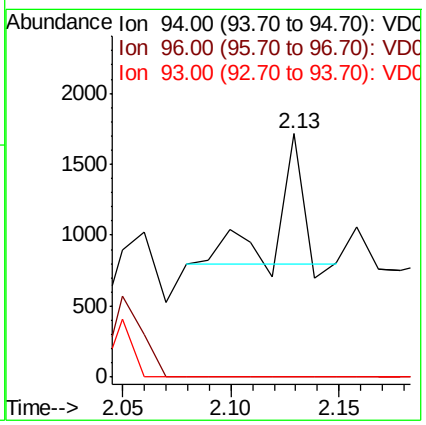


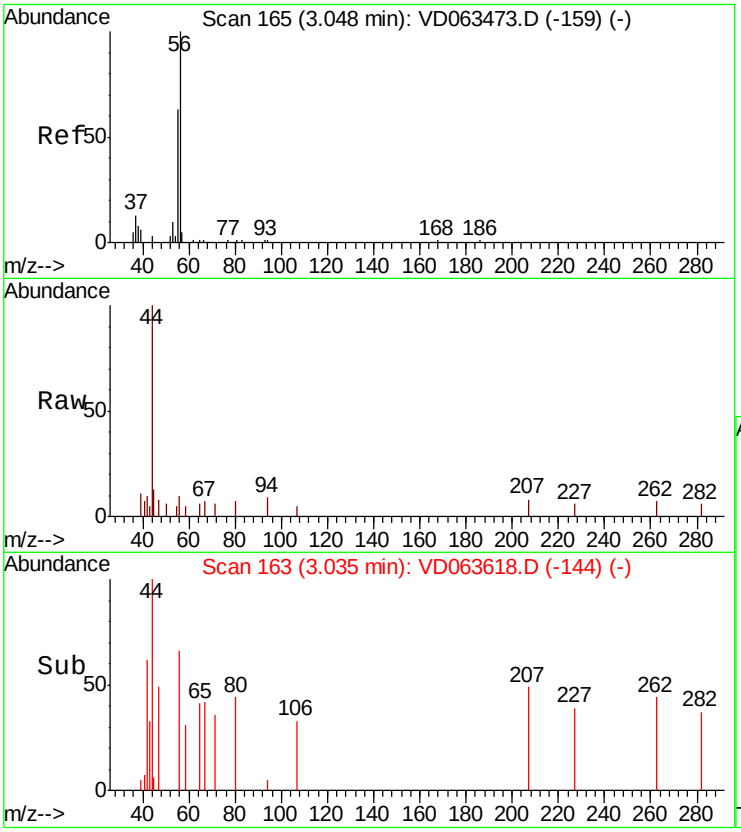


#5
Bromomethane
Concen: 1.265 ug/l
RT: 2.13 min Scan# 71
Delta R.T. -0.03 min
Lab File: VD063618.D
Acq: 15 Aug 2019 21:00

Tgt Ion: 94 Resp: 685

Ion	Ratio	Lower	Upper
94	100		
96	0.0	76.5	114.7#
93	0.0	15.8	23.8#



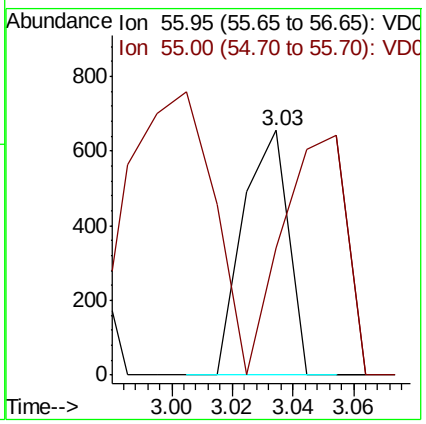


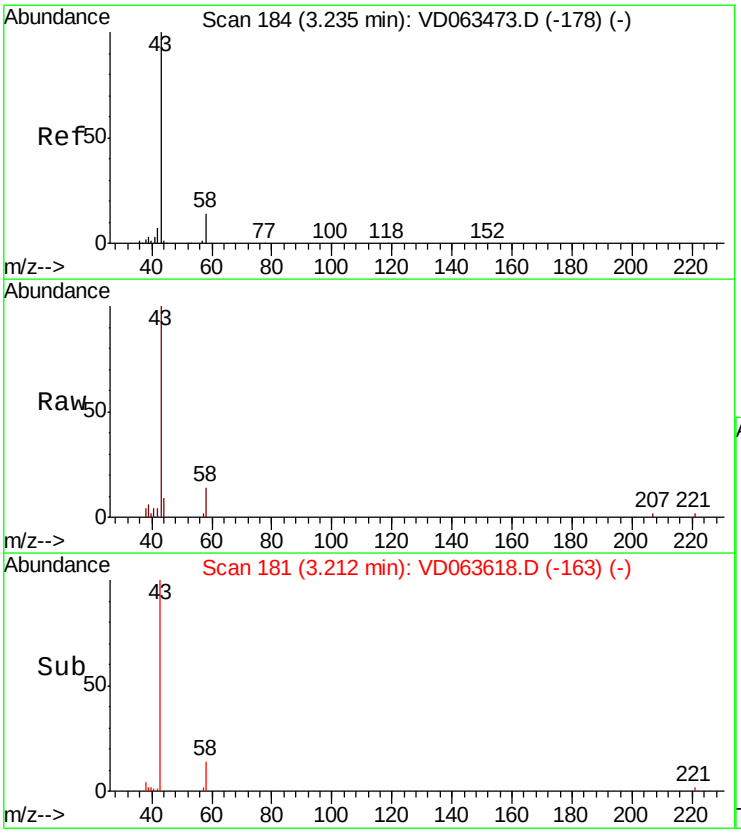
#13
Acrolein
Concen: 12.120 ug/l
RT: 3.03 min Scan# 163
Delta R.T. -0.01 min
Lab File: VD063618.D
Acq: 15 Aug 2019 21:00

Instrument : MSVOA_D
ClientSampleId : LS-SAMPLE-1RE

Tgt Ion: 56 Resp: 679

Ion	Ratio	Lower	Upper
56	100		
55	52.0	51.3	76.9

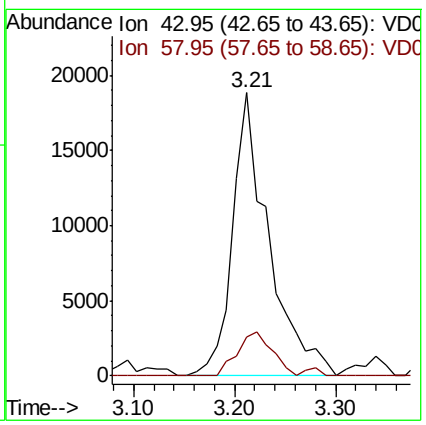


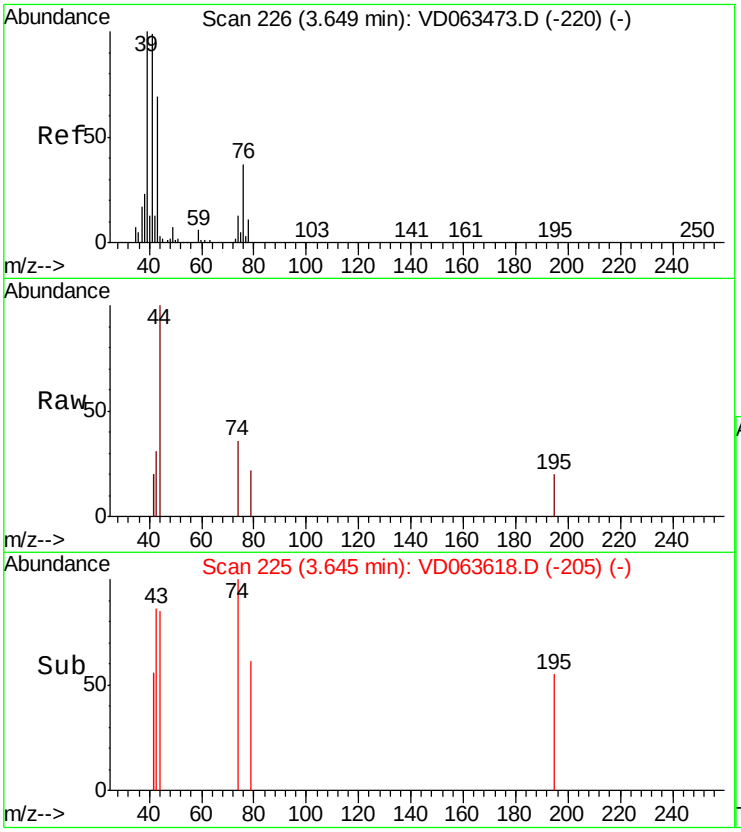


#16
Acetone
Concen: 176.369 ug/l
RT: 3.21 min Scan# 181
Delta R.T. -0.02 min
Lab File: VD063618.D
Acq: 15 Aug 2019 21:00

Tgt Ion: 43 Resp: 46875

Ion	Ratio	Lower	Upper
43	100		
58	13.7	11.4	17.2



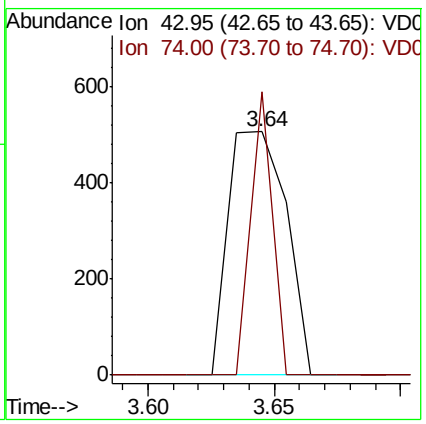


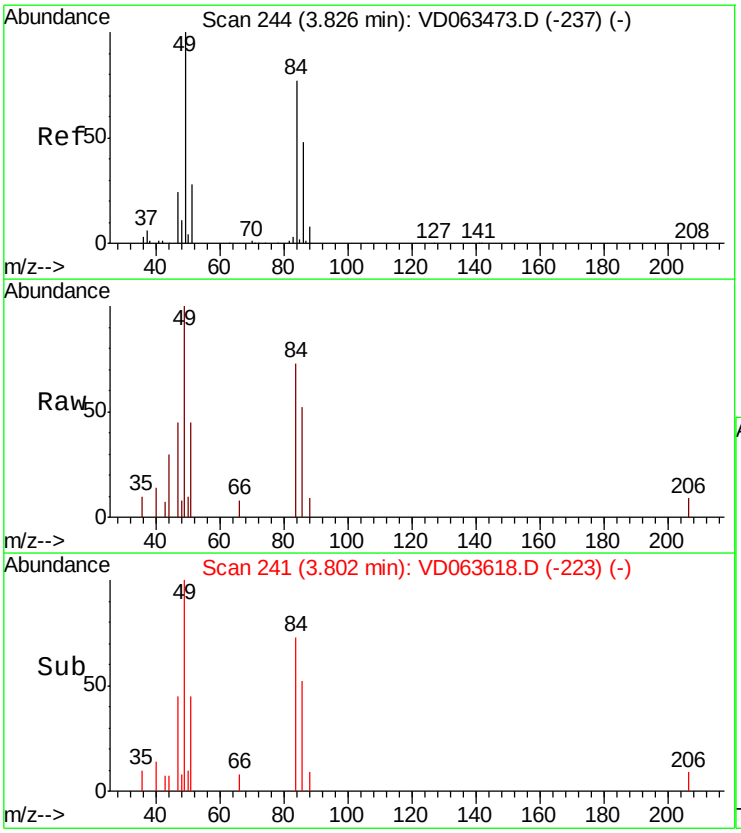
#18
Methyl Acetate
Concen: 1.609 ug/l
RT: 3.64 min Scan# 225
Delta R.T. -0.00 min
Lab File: VD063618.D
Acq: 15 Aug 2019 21:00

Instrument : MSVOA_D
ClientSampleId : LS-SAMPLE-1RE

Tgt Ion: 43 Resp: 810

Ion	Ratio	Lower	Upper
43	100		
74	116.4	15.4	23.2#

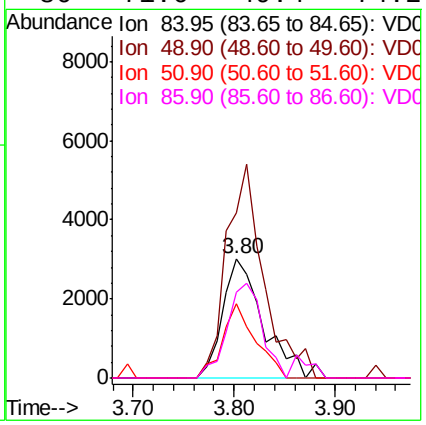


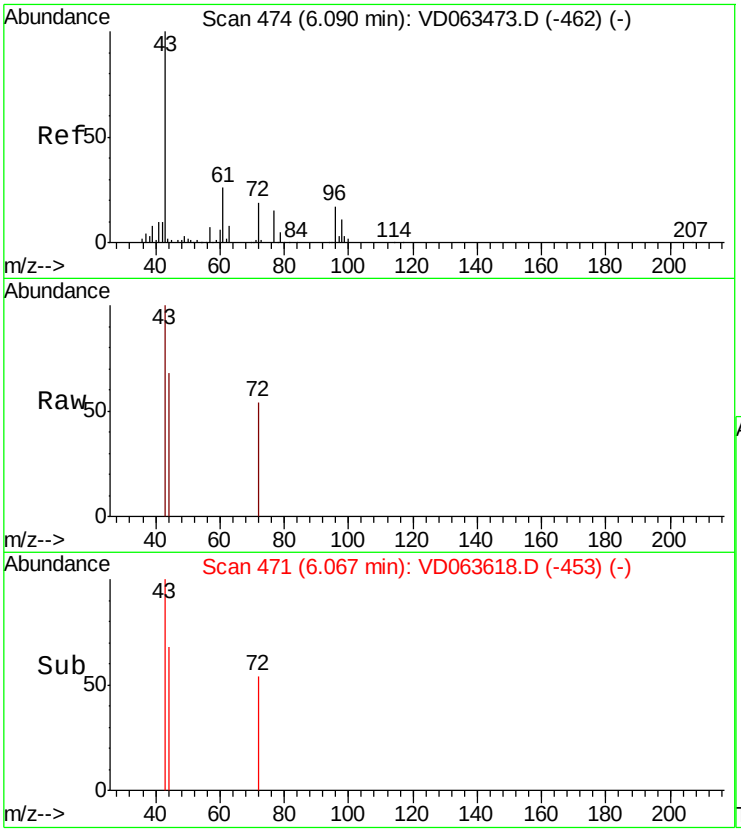


#20
Methylene Chloride
Concen: 7.393 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.02 min
Lab File: VD063618.D
Acq: 15 Aug 2019 21:00

Tgt Ion: 84 Resp: 8497

Ion	Ratio	Lower	Upper
84	100		
49	137.7	103.4	155.2
51	62.3	28.5	42.7#
86	71.6	49.4	74.2



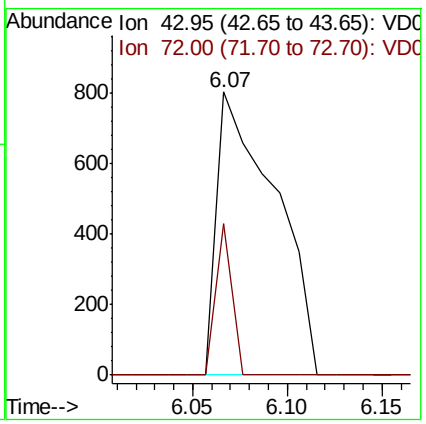


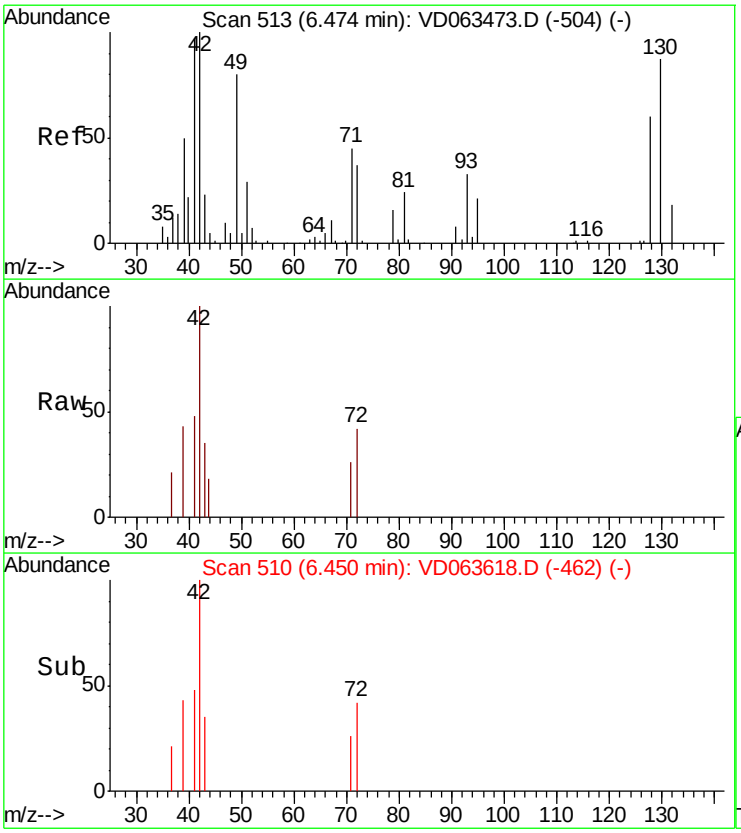
#25
2-Butanone
Concen: 6.537 ug/l
RT: 6.07 min Scan# 471
Delta R.T. -0.02 min
Lab File: VD063618.D
Acq: 15 Aug 2019 21:00

Instrument :
MSVOA_D
ClientSampleId :
LS-SAMPLE-1RE

Tgt Ion: 43 Resp: 1716

Ion	Ratio	Lower	Upper
43	100		
72	53.6	15.1	22.7#

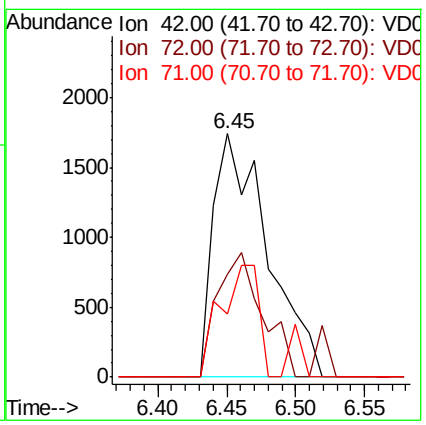


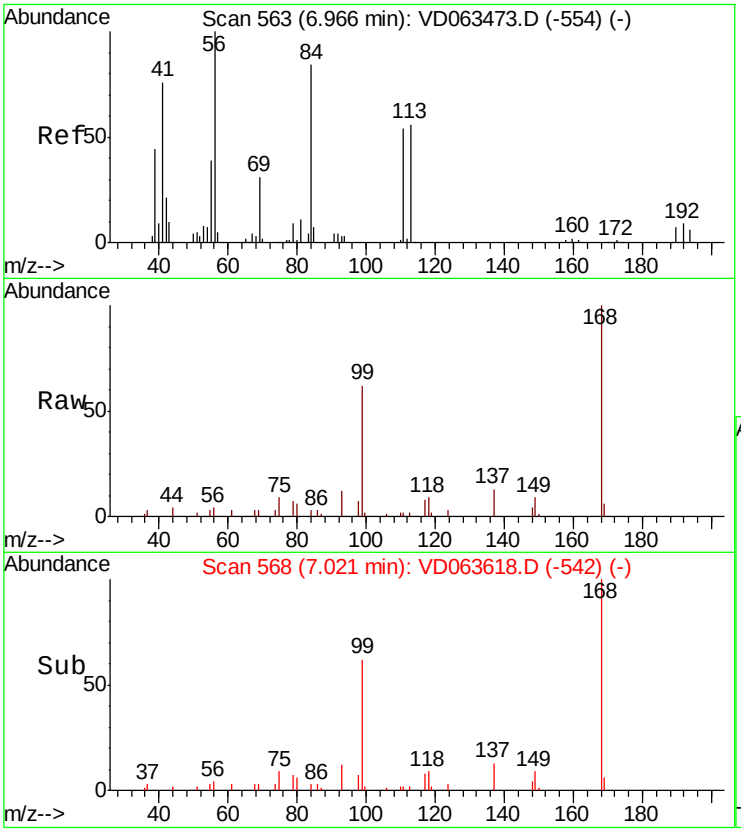


#29
Tetrahydrofuran
Concen: 38.679 ug/l
RT: 6.45 min Scan# 510
Delta R.T. -0.02 min
Lab File: VD063618.D
Acq: 15 Aug 2019 21:00

Tgt Ion: 42 Resp: 4731

Ion	Ratio	Lower	Upper
42	100		
72	43.1	31.5	47.3
71	32.4	33.8	50.8#



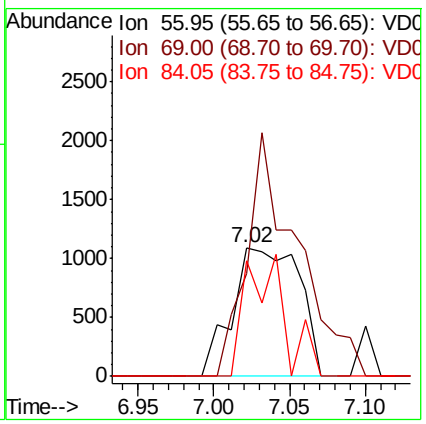


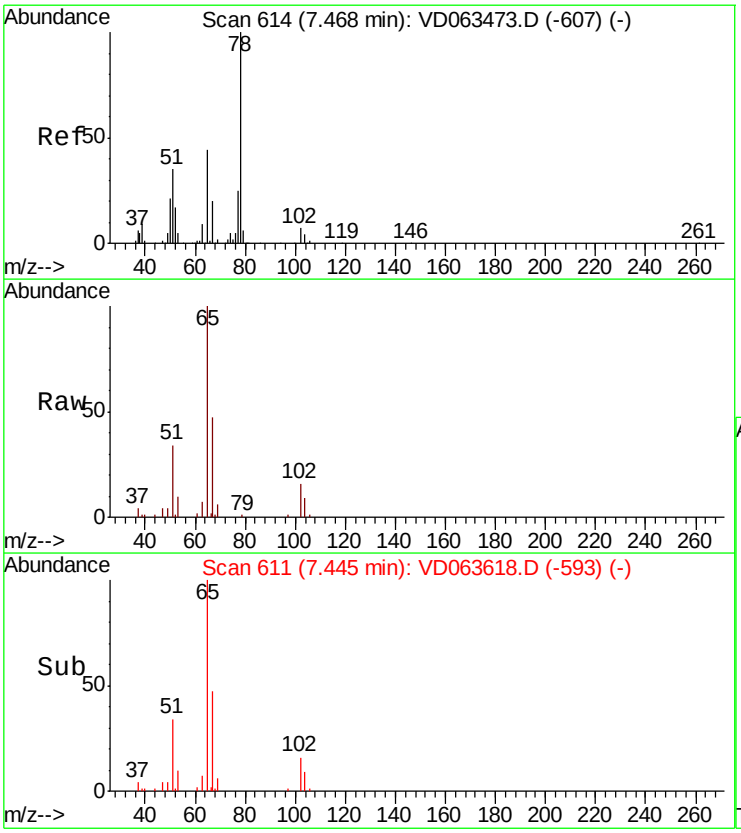
#31
Cyclohexane
Concen: 2.872 ug/l
RT: 7.02 min Scan# 568
Delta R.T. 0.06 min
Lab File: VD063618.D
Acq: 15 Aug 2019 21:00

Instrument :
MSVOA_D
ClientSampleId :
LS-SAMPLE-1RE

Tgt Ion: 56 Resp: 3390

Ion	Ratio	Lower	Upper
56	100		
69	80.0	25.0	37.6#
84	89.7	69.7	104.5

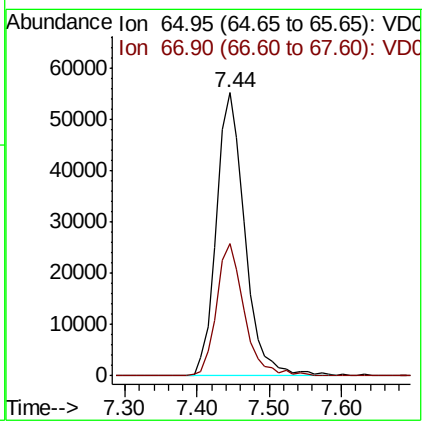


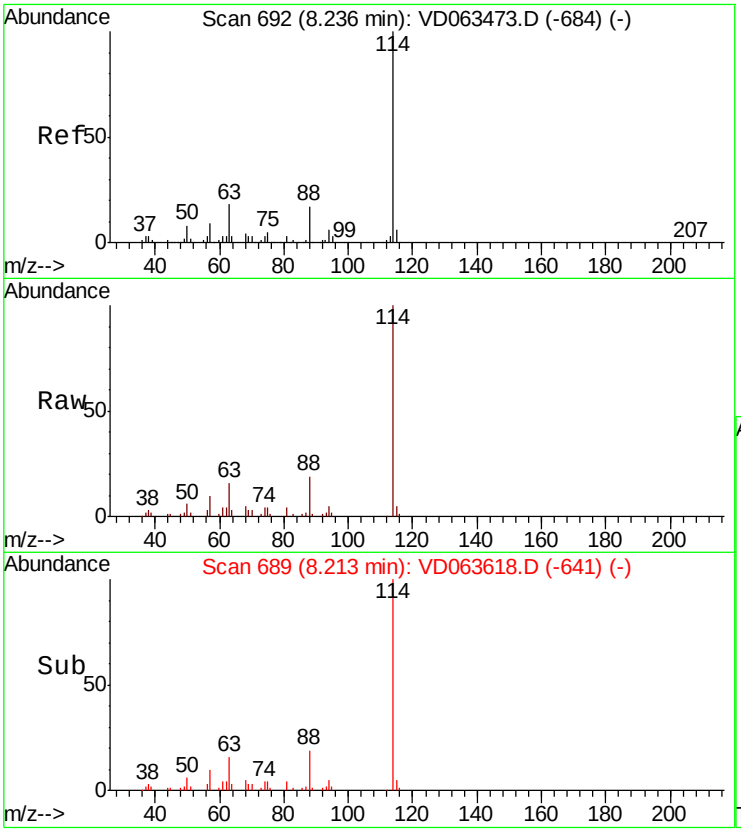


#33
1,2-Dichloroethane-d4
Concen: 114.814 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.02 min
Lab File: VD063618.D
Acq: 15 Aug 2019 21:00

Tgt Ion: 65 Resp: 150113

Ion	Ratio	Lower	Upper
65	100		
67	46.8	0.0	89.2



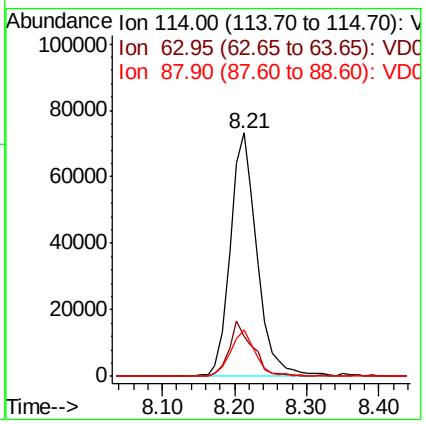


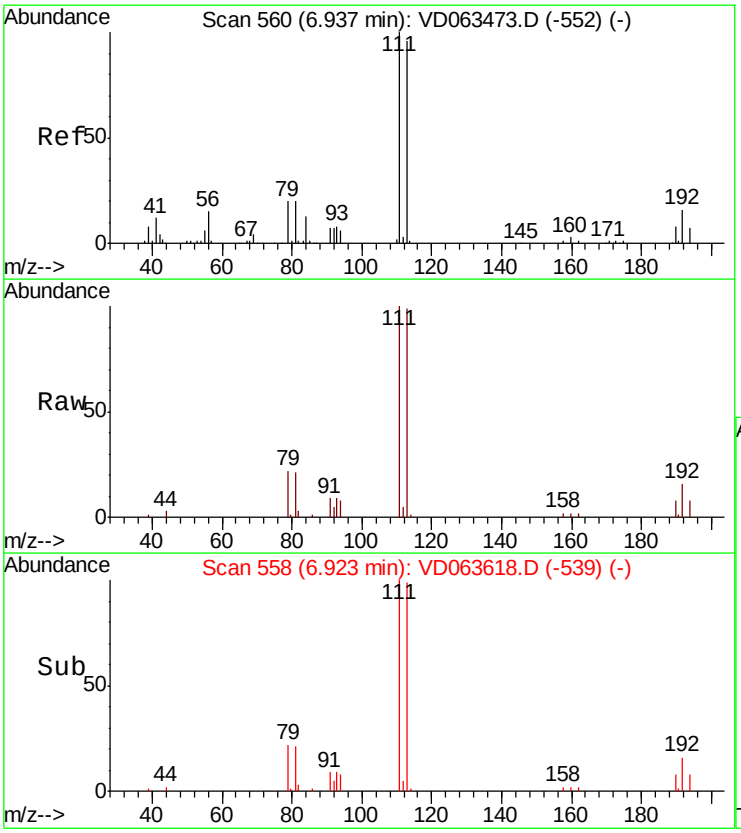
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.21 min Scan# 689
Delta R.T. -0.02 min
Lab File: VD063618.D
Acq: 15 Aug 2019 21:00

Instrument :
MSVOA_D
ClientSampleId :
LS-SAMPLE-1RE

Tgt Ion:114 Resp: 188364

Ion	Ratio	Lower	Upper
114	100		
63	16.4	0.0	36.2
88	19.1	0.0	35.0

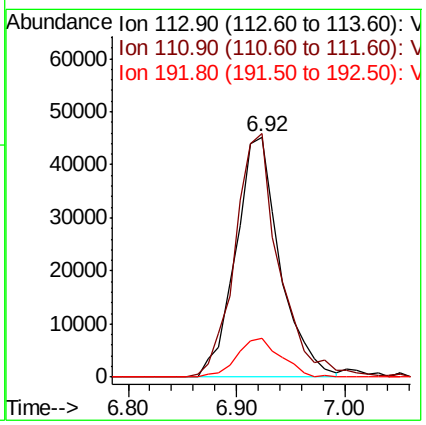


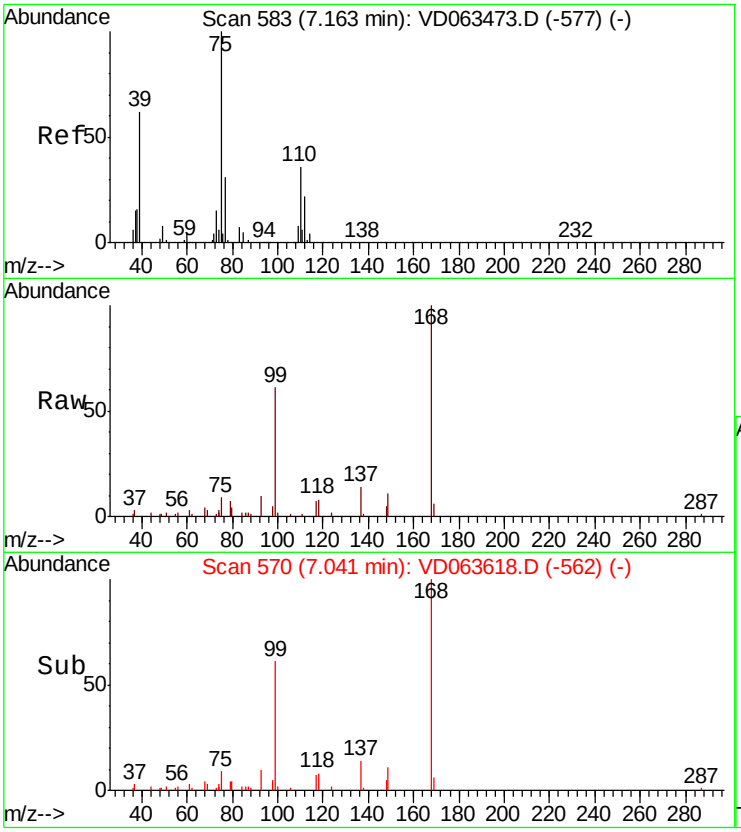


#35
Dibromofluoromethane
Concen: 80.596 ug/l
RT: 6.92 min Scan# 558
Delta R.T. -0.01 min
Lab File: VD063618.D
Acq: 15 Aug 2019 21:00

Tgt Ion:113 Resp: 127858

Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.1	124.7
192	16.3	13.1	19.7



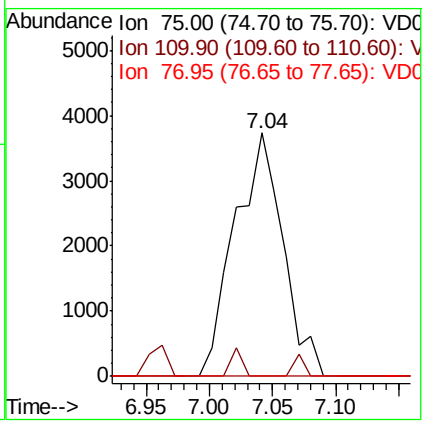


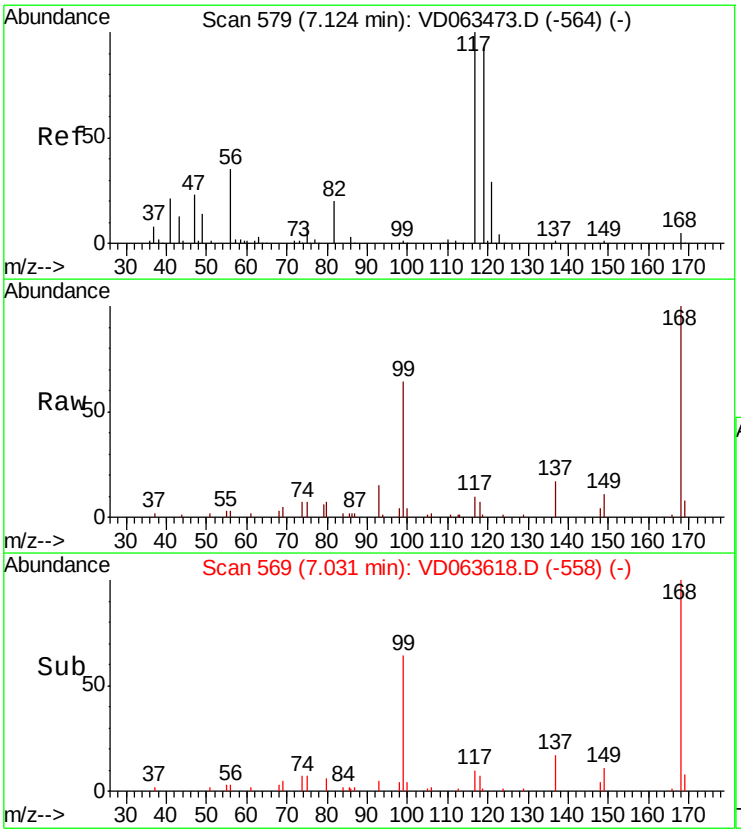
#36
1,1-Dichloropropene
Concen: 5.951 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.12 min
Lab File: VD063618.D
Acq: 15 Aug 2019 21:00

Instrument : MSVOA_D
ClientSampleId : LS-SAMPLE-1RE

Tgt Ion: 75 Resp: 9909

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.6	52.8#
77	0.0	24.3	36.5#

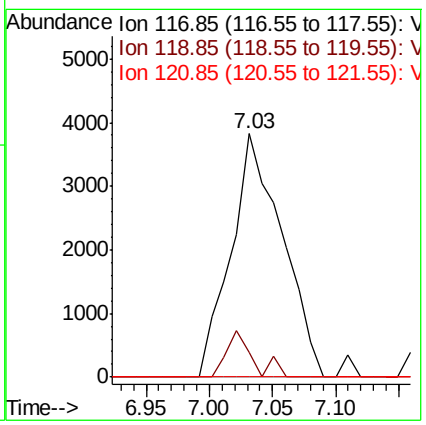


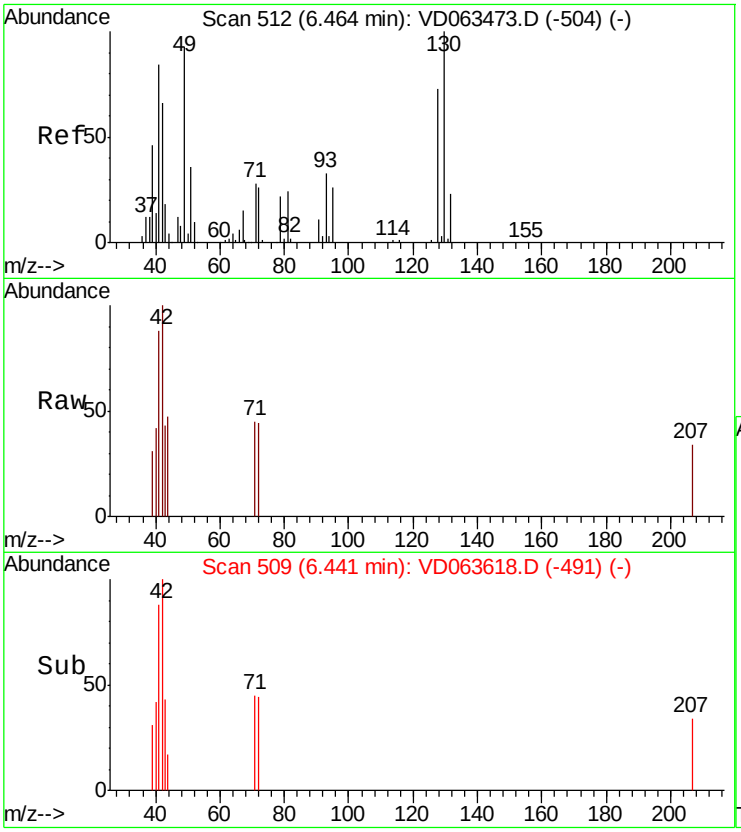


#38
Carbon Tetrachloride
Concen: 4.297 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.09 min
Lab File: VD063618.D
Acq: 15 Aug 2019 21:00

Tgt Ion:117 Resp: 10783

Ion	Ratio	Lower	Upper
117	100		
119	10.3	74.2	111.2#
121	0.0	23.1	34.7#



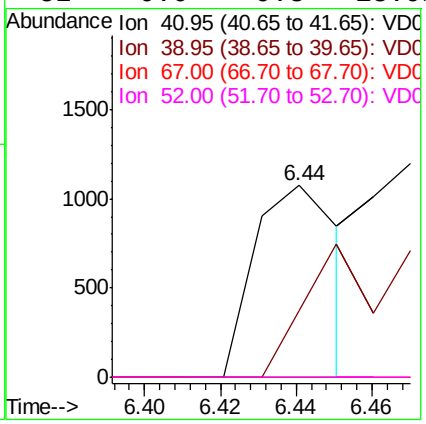


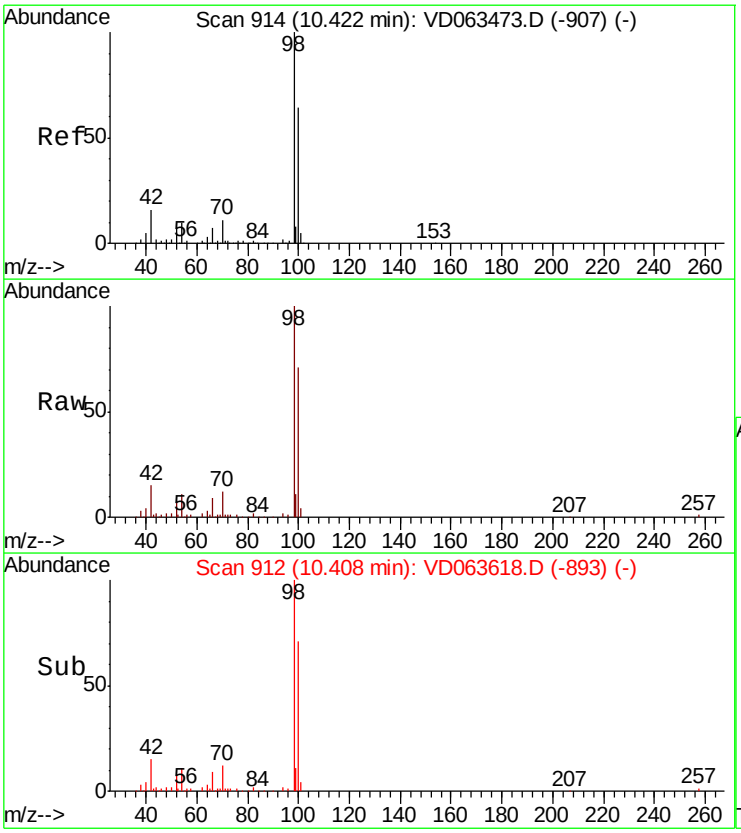
#41
Methacrylonitrile
Concen: 1.895 ug/l
RT: 6.44 min Scan# 509
Delta R.T. -0.02 min
Lab File: VD063618.D
Acq: 15 Aug 2019 21:00

Instrument :
MSVOA_D
ClientSampleId :
LS-SAMPLE-1RE

Tgt Ion: 41 Resp: 1665

Ion	Ratio	Lower	Upper
41	100		
39	35.0	44.6	66.8#
67	0.0	14.4	21.6#
52	0.0	9.3	13.9#

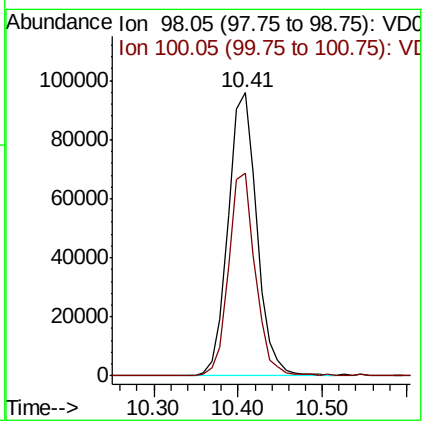


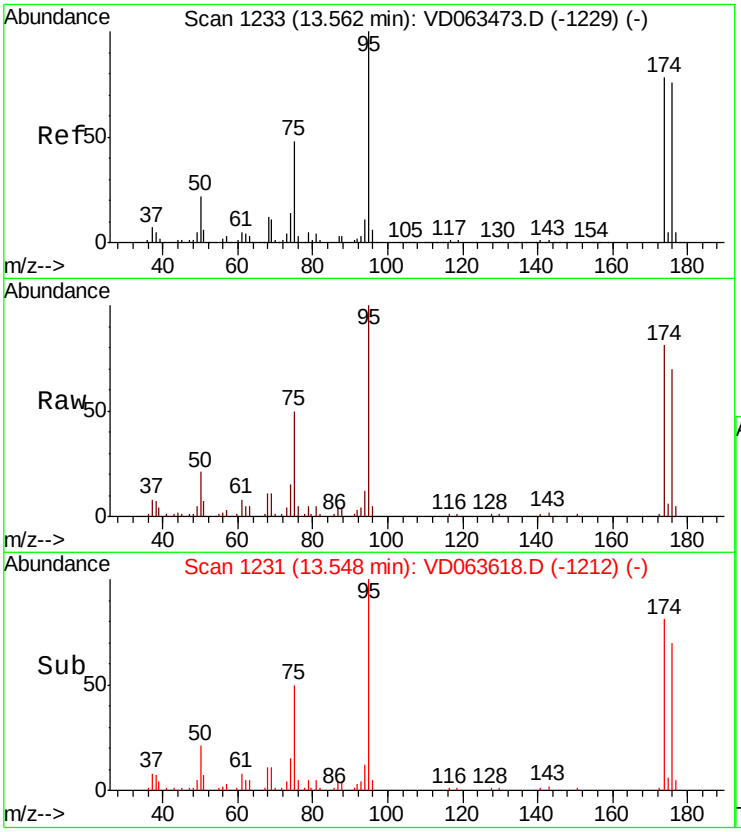


#50
Toluene-d8
Concen: 65.210 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063618.D
Acq: 15 Aug 2019 21:00

Tgt Ion: 98 Resp: 227440

Ion	Ratio	Lower	Upper
98	100		
100	71.4	51.7	77.5



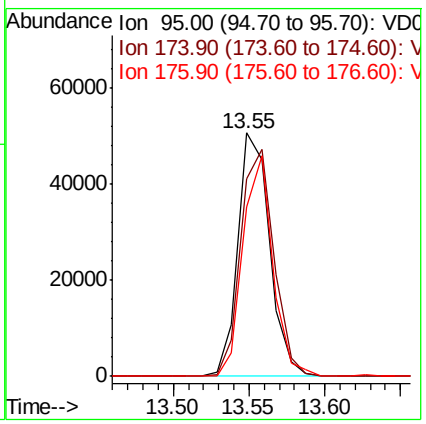


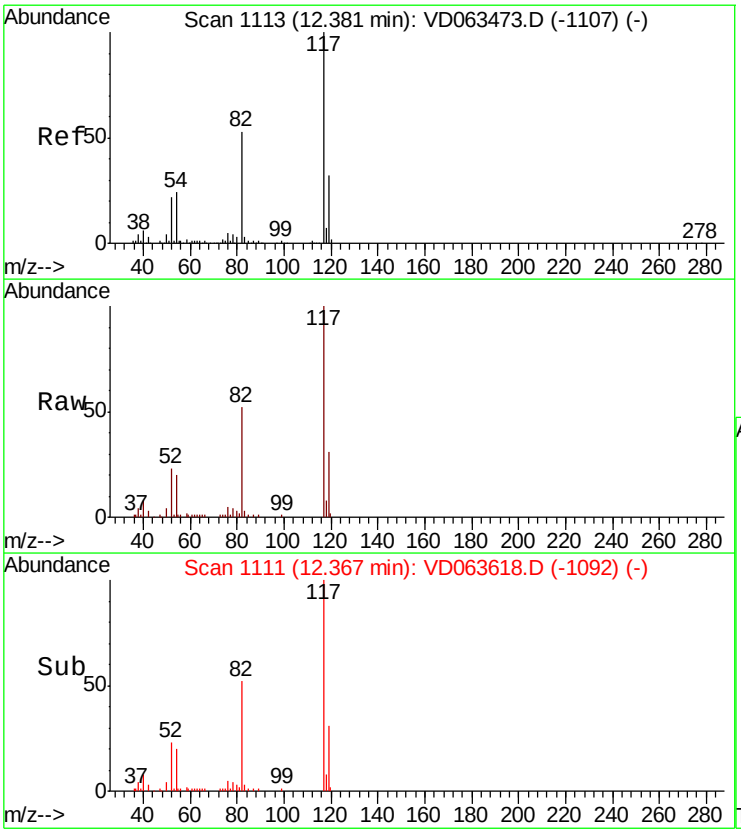
#62
4-Bromofluorobenzene
Concen: 46.674 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063618.D
Acq: 15 Aug 2019 21:00

Instrument :
MSVOA_D
ClientSampleId :
LS-SAMPLE-1RE

Tgt Ion: 95 Resp: 73783

Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	155.4
176	69.6	0.0	152.4

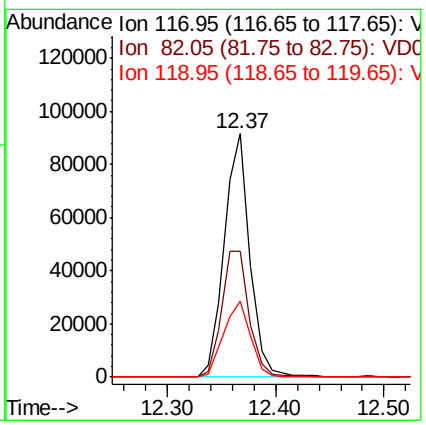


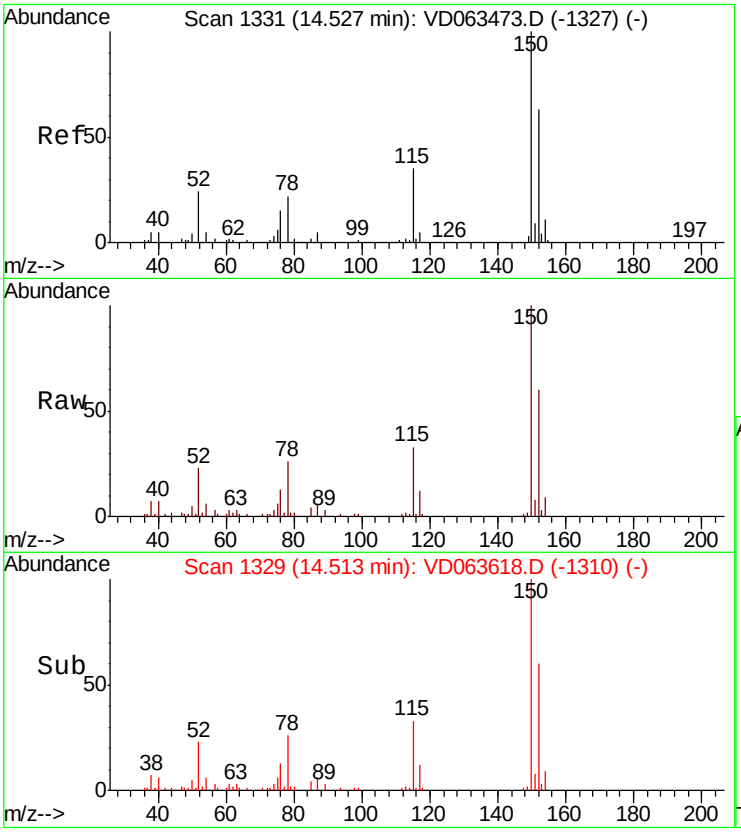


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063618.D
Acq: 15 Aug 2019 21:00

Tgt Ion:117 Resp: 150835

Ion	Ratio	Lower	Upper
117	100		
82	51.7	42.0	63.0
119	31.0	25.4	38.0



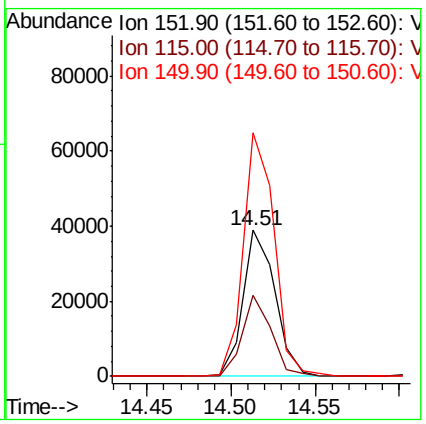


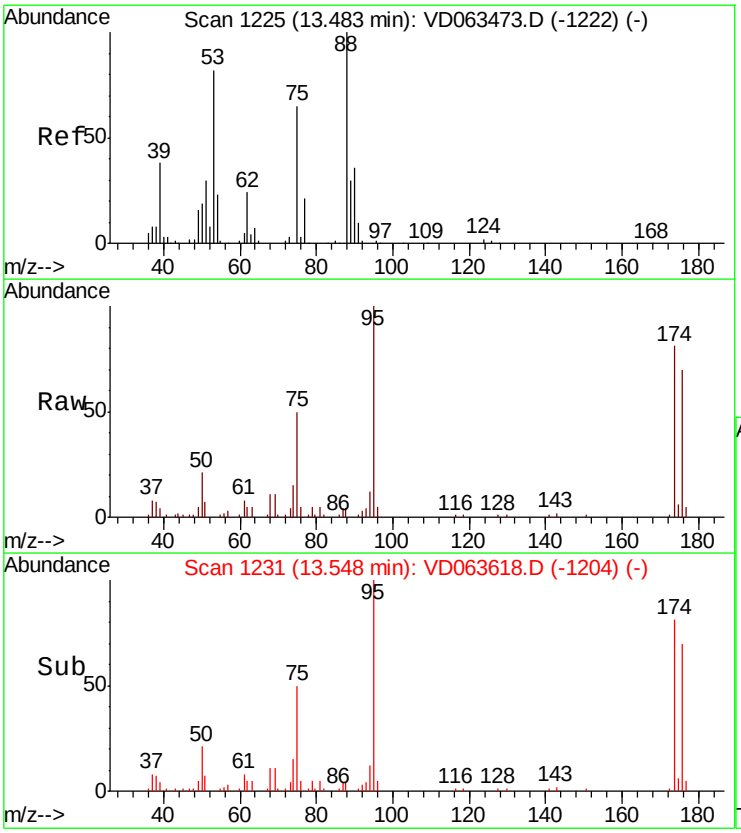
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063618.D
Acq: 15 Aug 2019 21:00

Instrument :
MSVOA_D
ClientSampleId :
LS-SAMPLE-1RE

Tgt Ion:152 Resp: 51155

Ion	Ratio	Lower	Upper
152	100		
115	55.4	30.9	92.7
150	167.0	0.0	318.6





#81
trans-1,4-Dichloro-2-butene
Concen: 211.617 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. 0.06 min
Lab File: VD063618.D
Acq: 15 Aug 2019 21:00

Tgt Ion: 75 Resp: 33392

Ion	Ratio	Lower	Upper
75	100		
53	0.0	101.0	151.4#
89	0.0	37.0	55.6#