Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081319\
Data File : VD063562.D
Acq On : 14 Aug 2019 8:55
Operator : JC/SY
Sample : K4292-01RE
Misc : 5.24g/5ml/MSVOA_D/SOIL
ALS Vial : 54 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Aug 14 10:14:49 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	7.05	168	676957	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.23	114	963170	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	671532	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	232851	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	356208	49.23	ug/l	-0.01
Spiked Amount 50.000			Recovery = 98.46%			
35) Dibromofluoromethane	6.94	113	395759	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.58%			
50) Toluene-d8	10.41	98	733334	41.12	ug/l	-0.01
Spiked Amount 50.000			Recovery = 82.24%			
62) 4-Bromofluorobenzene	13.56	95	238375	29.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 58.98%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.06	59	3067	9.736	ug/l #	71
13) Acrolein	2.93	56	493	1.590	ug/l	97
16) Acetone	3.23	43	48383	32.892	ug/l #	91
18) Methyl Acetate	3.66	43	5113	1.835	ug/l #	57
20) Methylene Chloride	3.83	84	61964	9.742	ug/l	97
25) 2-Butanone	6.11	43	1476	1.016	ug/l #	58
29) Tetrahydrofuran	6.48	42	6728	9.939	ug/l #	59
31) Cyclohexane	7.04	56	12900	1.974	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	48740	5.724	ug/l #	49
38) Carbon Tetrachloride	7.05	117	64876	5.056	ug/l #	16
41) Methacrylonitrile	6.49	41	6022	1.340	ug/l #	52
81) trans-1,4-Dichloro-2-buten	13.55	75	106962	148.918	ug/l #	1

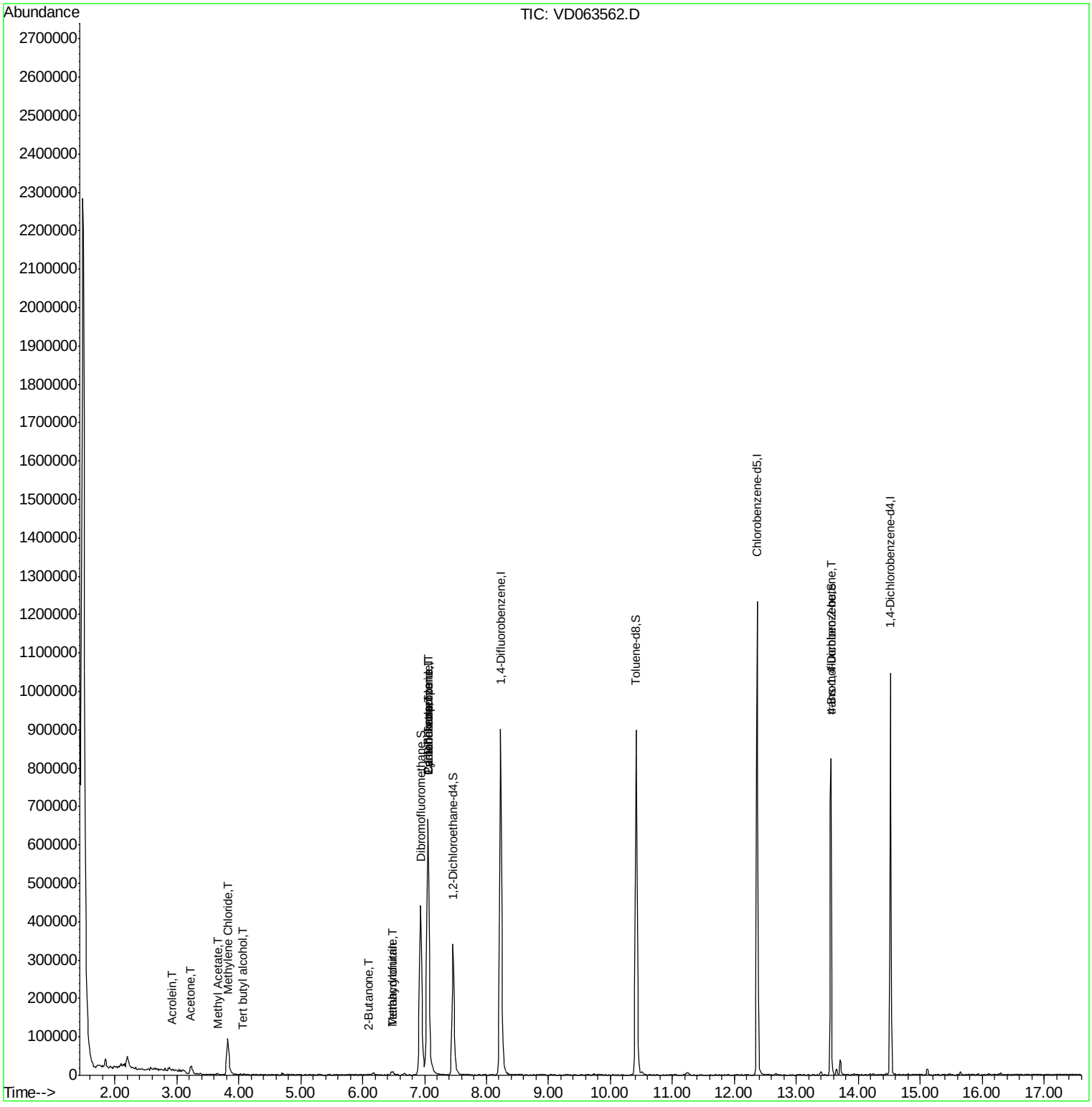
(#) = qualifier out of range (m) = manual integration (+) = signals summed

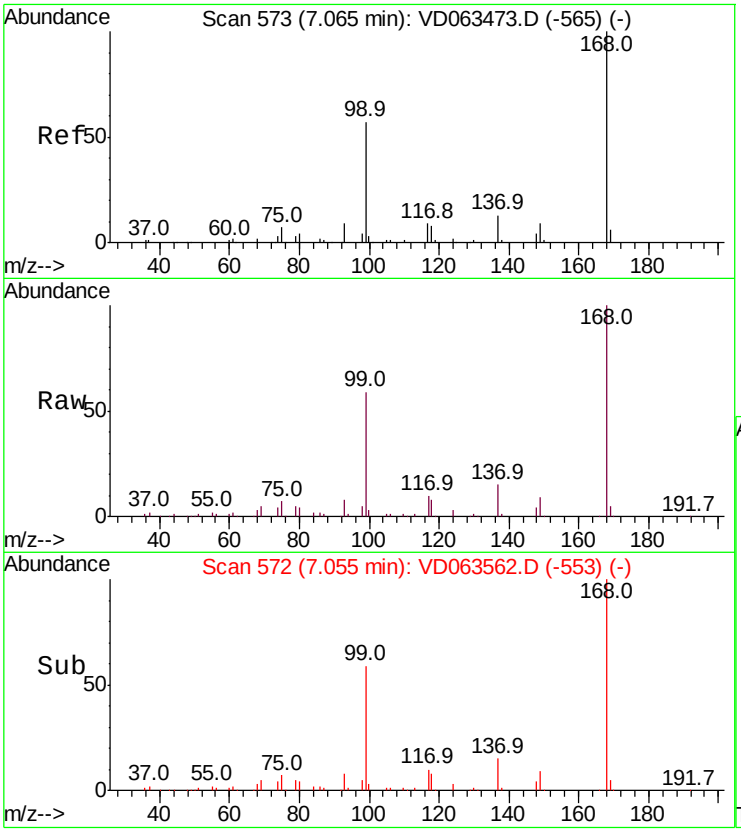
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
Data File : VD063562.D
Acq On : 14 Aug 2019 8:55
Operator : JC/SY
Sample : K4292-01RE
Misc : 5.24g/5ml/MSVOA D/SOIL
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Aug 14 10:14:49 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



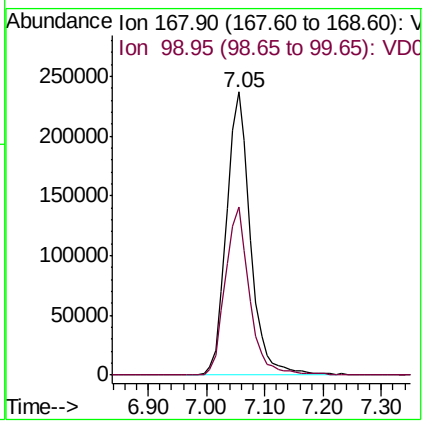


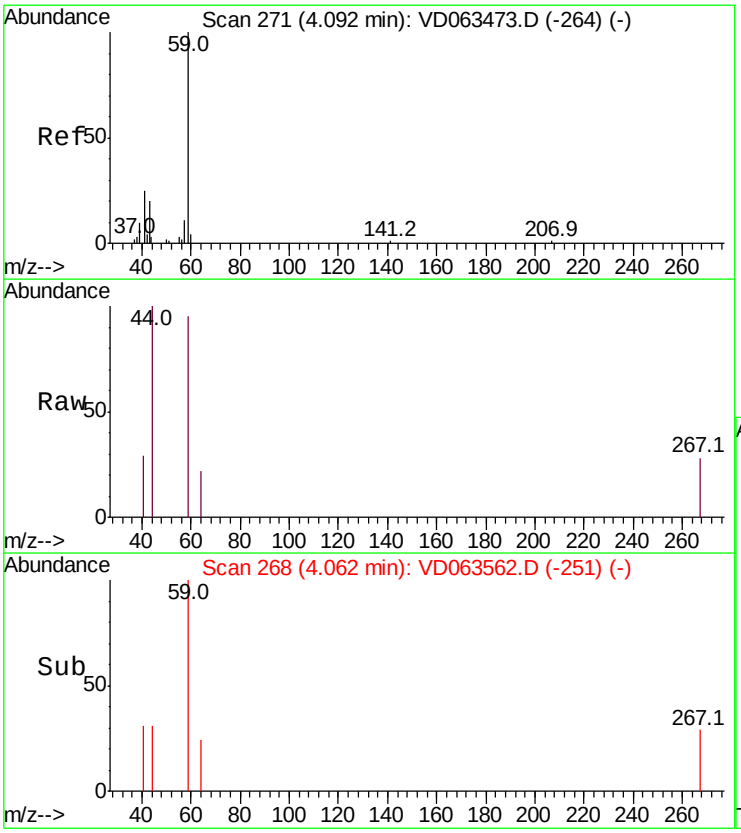
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.01 min
Lab File: VD063562.D
Acq: 14 Aug 2019 8:55

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 676957

Ion	Ratio	Lower	Upper
168	100		
99	59.3	46.7	70.1

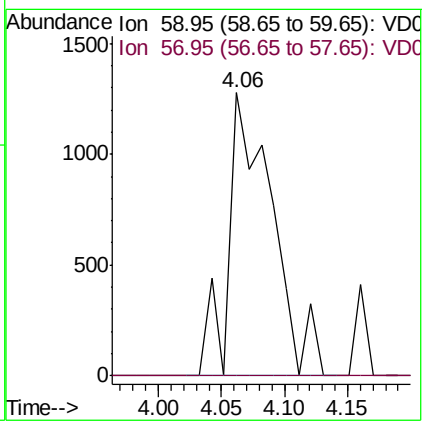


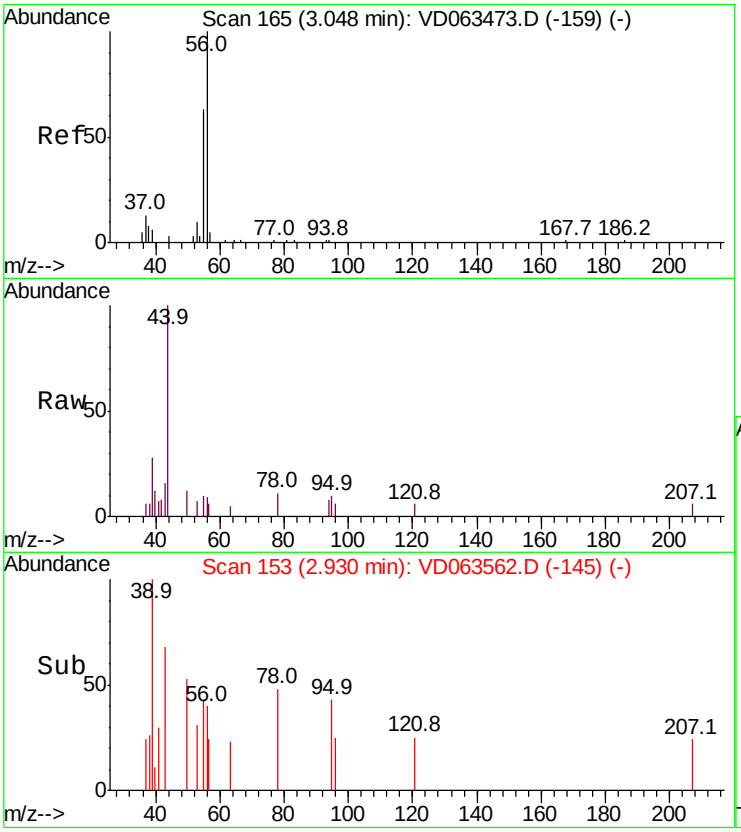


#11
Tert butyl alcohol
Concen: 9.736 ug/l
RT: 4.06 min Scan# 268
Delta R.T. -0.03 min
Lab File: VD063562.D
Acq: 14 Aug 2019 8:55

Tgt Ion: 59 Resp: 3067

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#



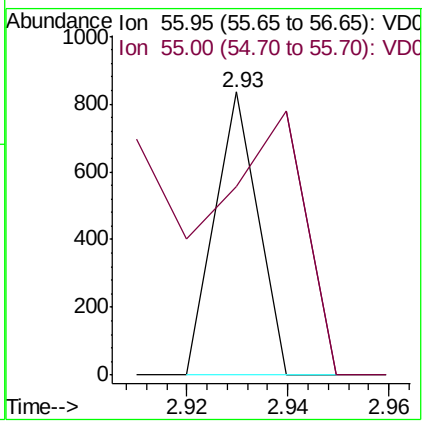


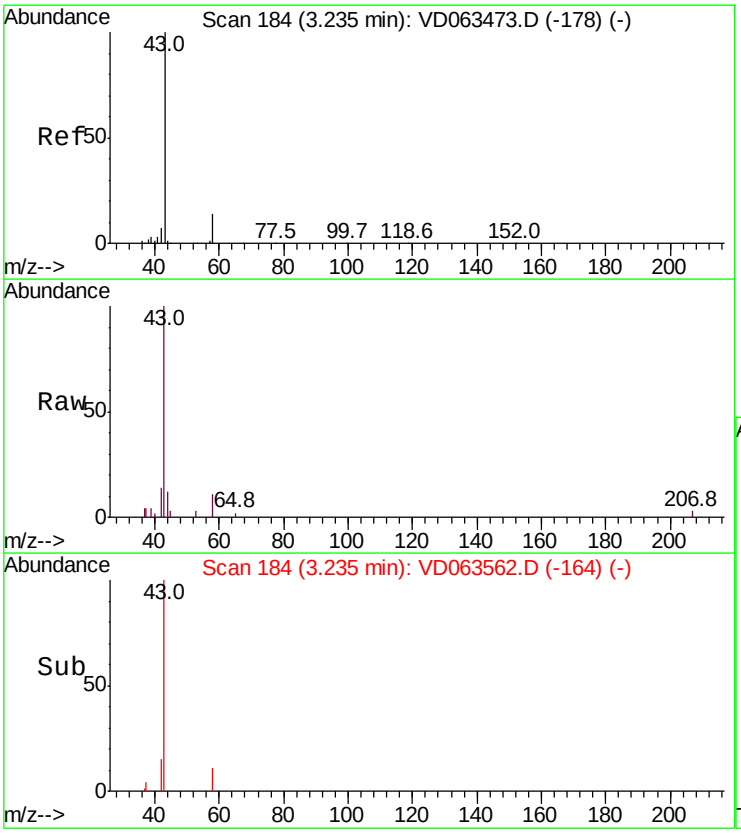
#13
Acrolein
Concen: 1.590 ug/l
RT: 2.93 min Scan# 153
Delta R.T. -0.12 min
Lab File: VD063562.D
Acq: 14 Aug 2019 8:55

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 493

Ion	Ratio	Lower	Upper
56	100		
55	66.7	51.3	76.9

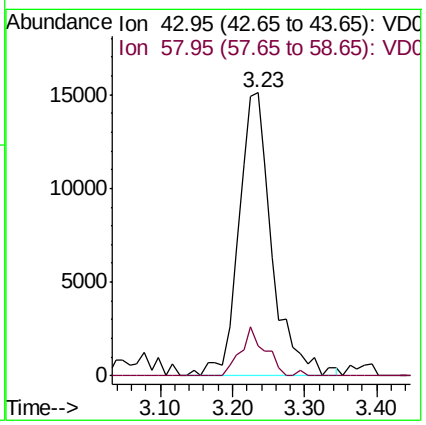


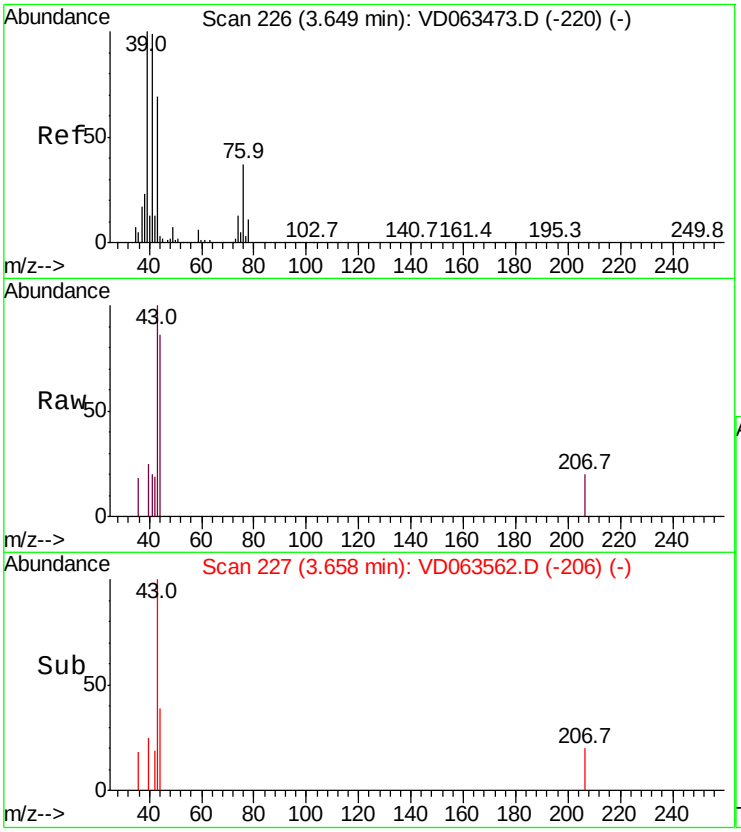


#16
Acetone
Concen: 32.892 ug/l
RT: 3.23 min Scan# 184
Delta R.T. -0.00 min
Lab File: VD063562.D
Acq: 14 Aug 2019 8:55

Tgt Ion: 43 Resp: 48383

Ion	Ratio	Lower	Upper
43	100		
58	10.6	11.4	17.2#



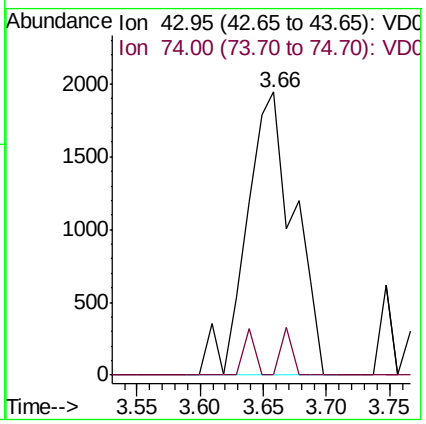


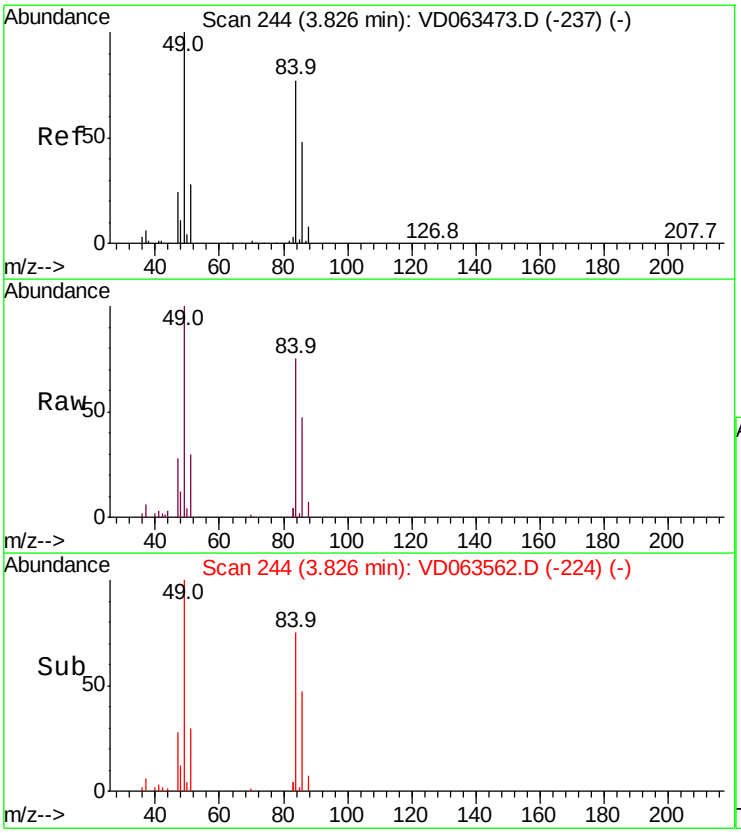
#18
Methyl Acetate
Concen: 1.835 ug/l
RT: 3.66 min Scan# 227
Delta R.T. 0.01 min
Lab File: VD063562.D
Acq: 14 Aug 2019 8:55

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 5113

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.4	23.2#

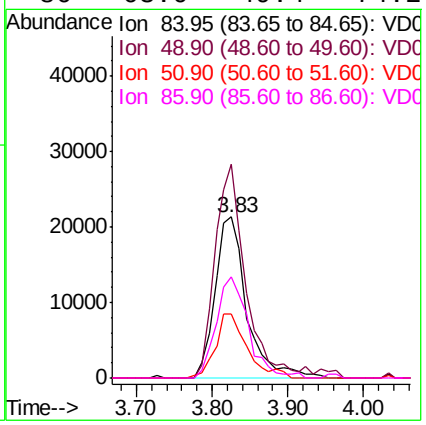


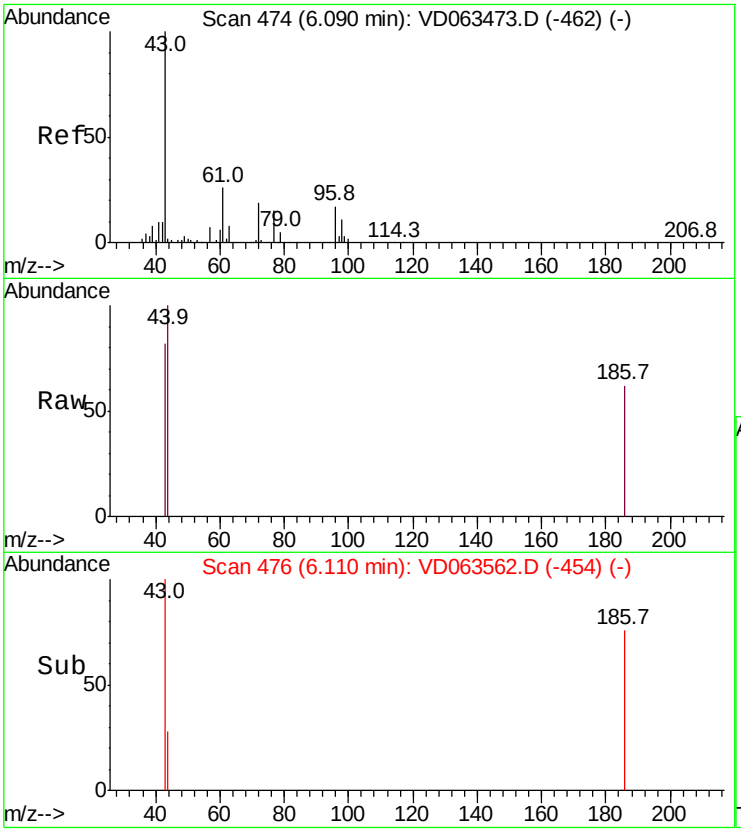


#20
Methylene Chloride
Concen: 9.742 ug/l
RT: 3.83 min Scan# 244
Delta R.T. -0.00 min
Lab File: VD063562.D
Acq: 14 Aug 2019 8:55

Tgt Ion: 84 Resp: 61964

Ion	Ratio	Lower	Upper
84	100		
49	132.6	103.4	155.2
51	39.7	28.5	42.7
86	63.0	49.4	74.2



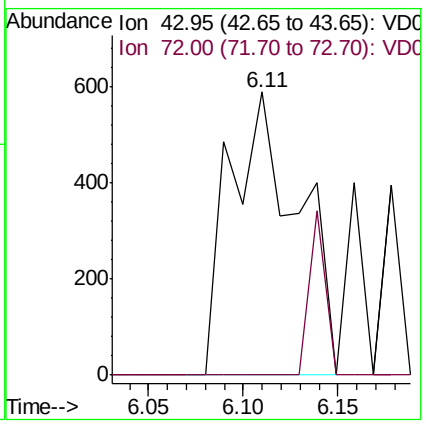


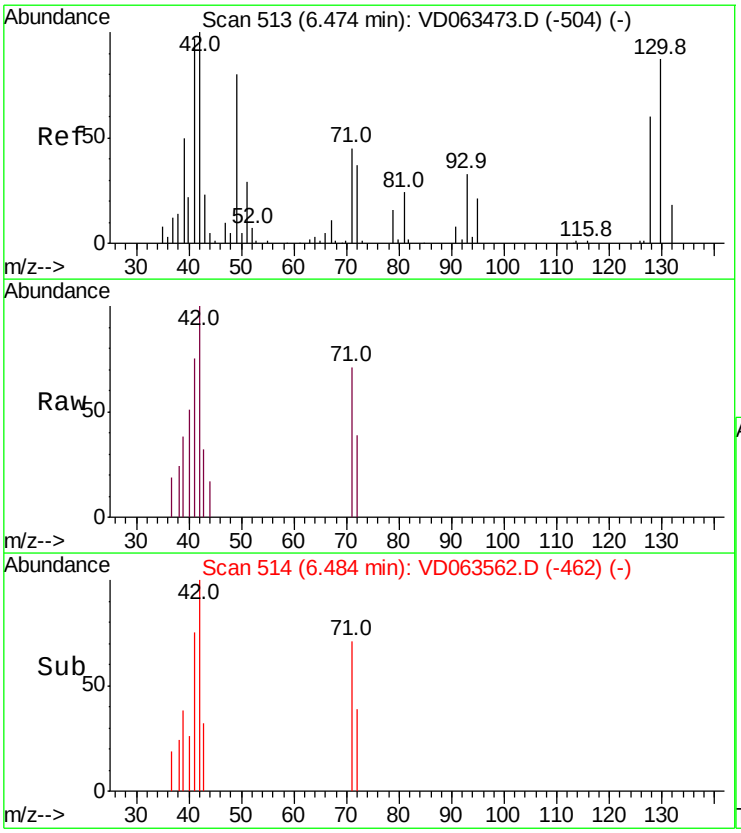
#25
2-Butanone
Concen: 1.016 ug/l
RT: 6.11 min Scan# 476
Delta R.T. 0.02 min
Lab File: VD063562.D
Acq: 14 Aug 2019 8:55

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 1476

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.1	22.7#

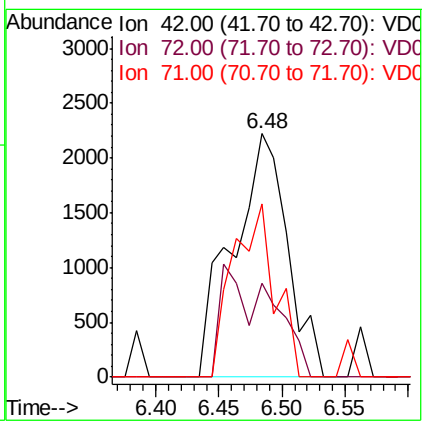


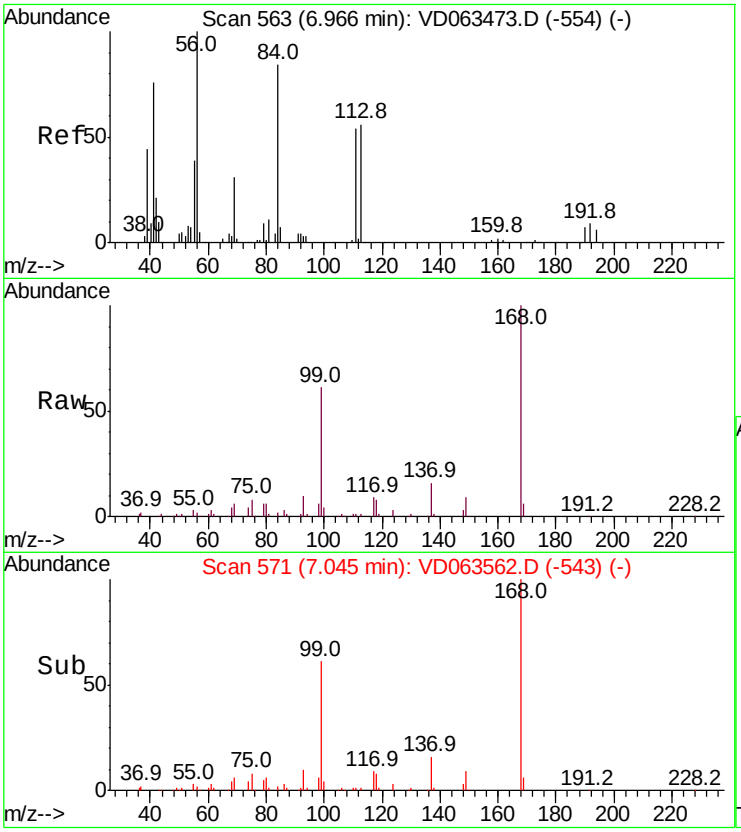


#29
Tetrahydrofuran
Concen: 9.939 ug/l
RT: 6.48 min Scan# 514
Delta R.T. 0.01 min
Lab File: VD063562.D
Acq: 14 Aug 2019 8:55

Tgt Ion: 42 Resp: 6728

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.5	47.3#
71	54.4	33.8	50.8#



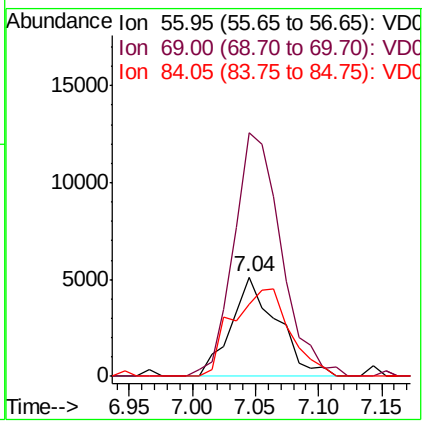


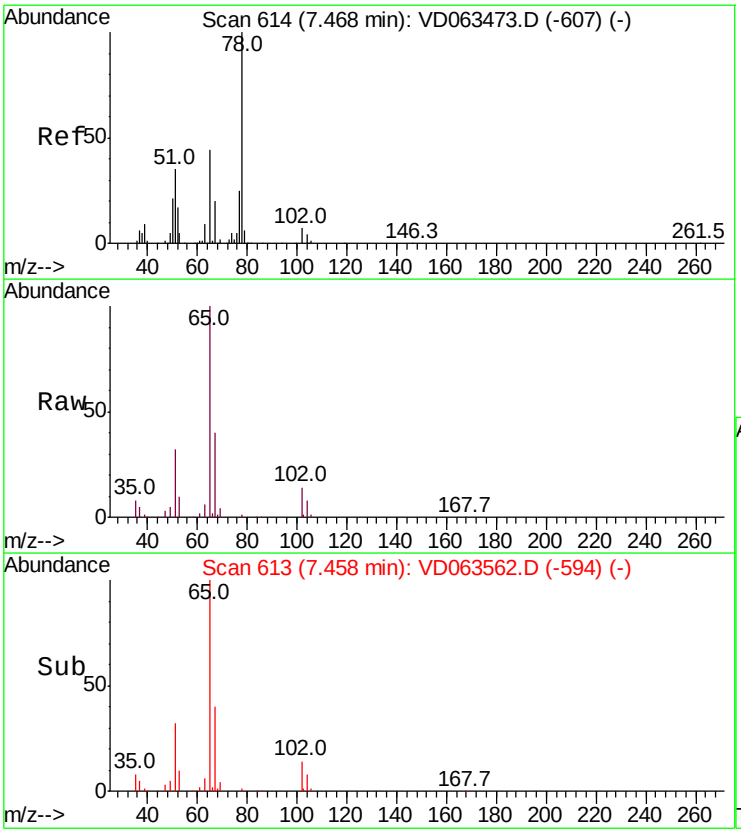
#31
Cyclohexane
Concen: 1.974 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.08 min
Lab File: VD063562.D
Acq: 14 Aug 2019 8:55

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 12900

Ion	Ratio	Lower	Upper
56	100		
69	245.6	25.0	37.6#
84	73.0	69.7	104.5

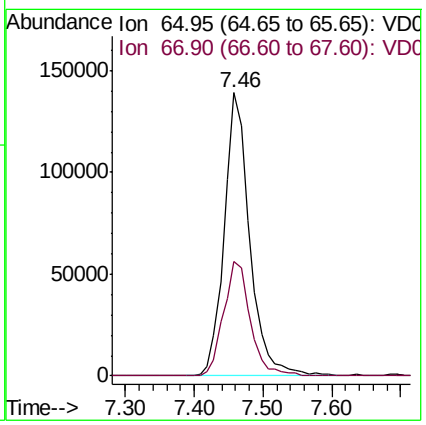


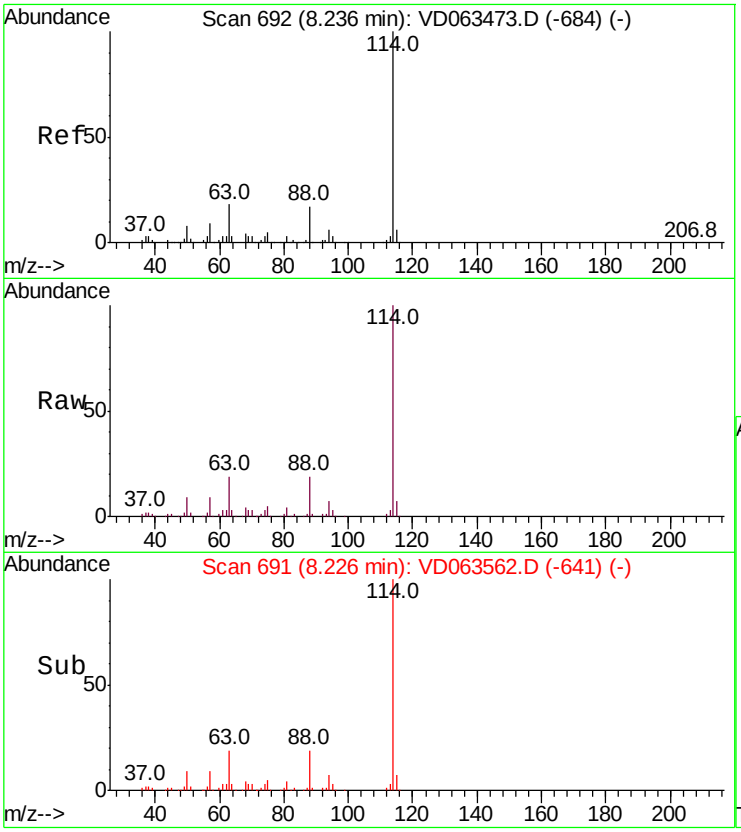


#33
1,2-Dichloroethane-d4
Concen: 49.226 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.01 min
Lab File: VD063562.D
Acq: 14 Aug 2019 8:55

Tgt Ion: 65 Resp: 356208

Ion	Ratio	Lower	Upper
65	100		
67	40.4	0.0	89.2



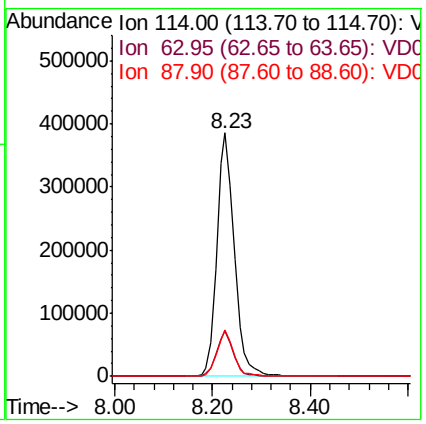


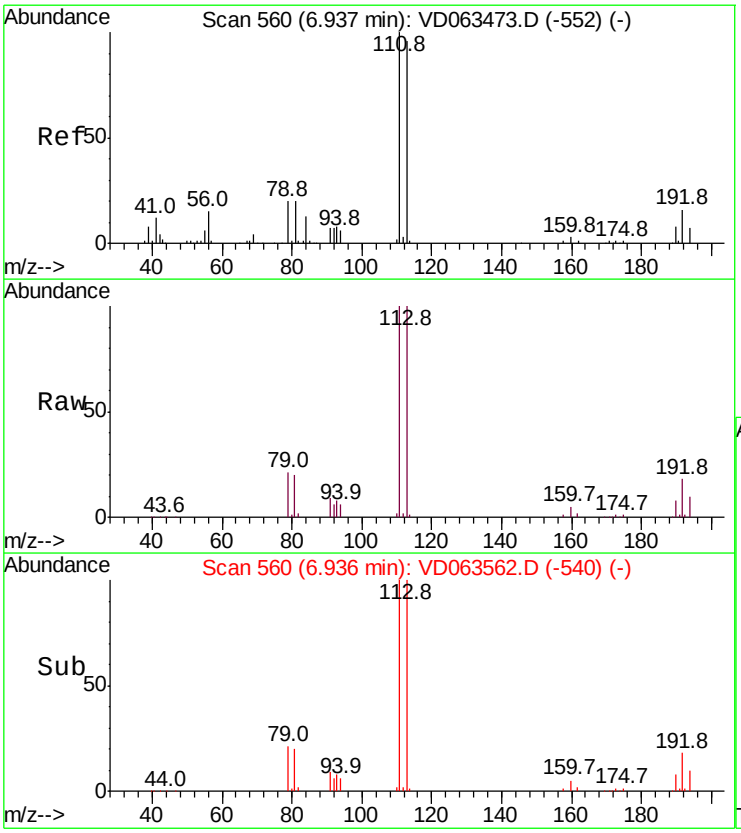
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 691
Delta R.T. -0.01 min
Lab File: VD063562.D
Acq: 14 Aug 2019 8:55

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 963170

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	36.2
88	18.9	0.0	35.0

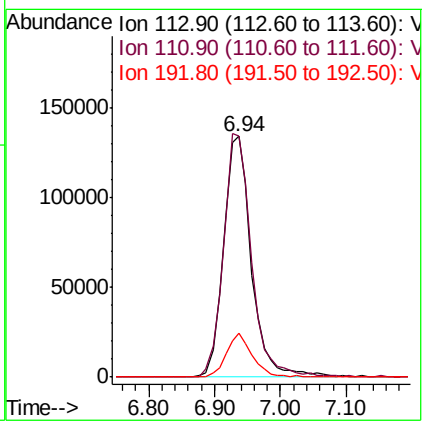


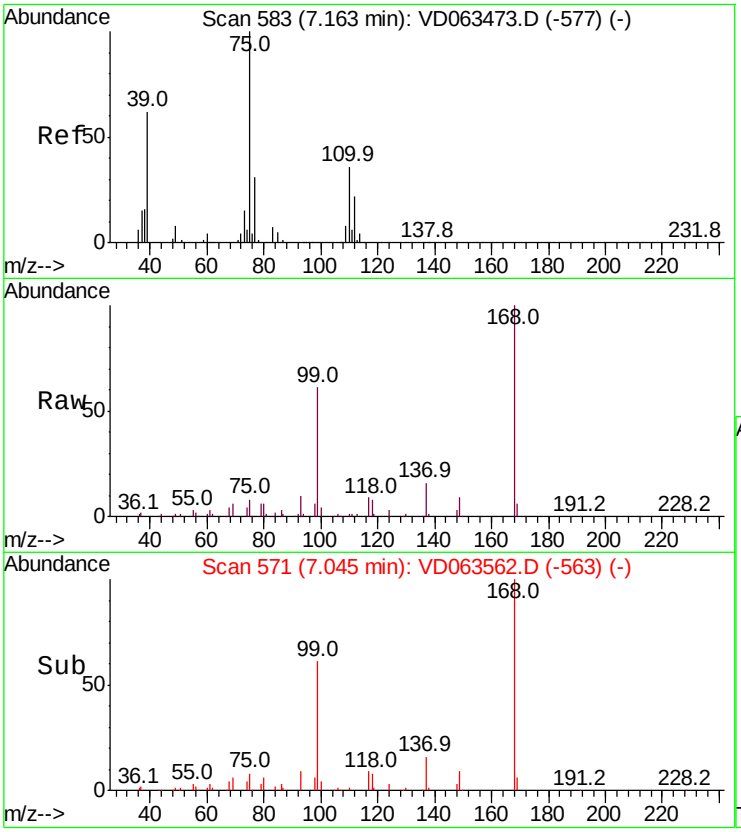


#35
Dibromofluoromethane
Concen: 48.788 ug/l
RT: 6.94 min Scan# 560
Delta R.T. -0.00 min
Lab File: VD063562.D
Acq: 14 Aug 2019 8:55

Tgt Ion:113 Resp: 395759

Ion	Ratio	Lower	Upper
113	100		
111	100.1	83.1	124.7
192	18.3	13.1	19.7



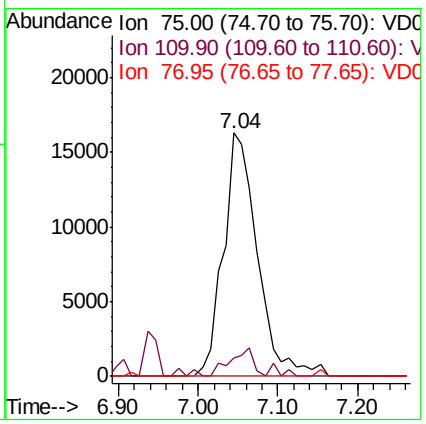


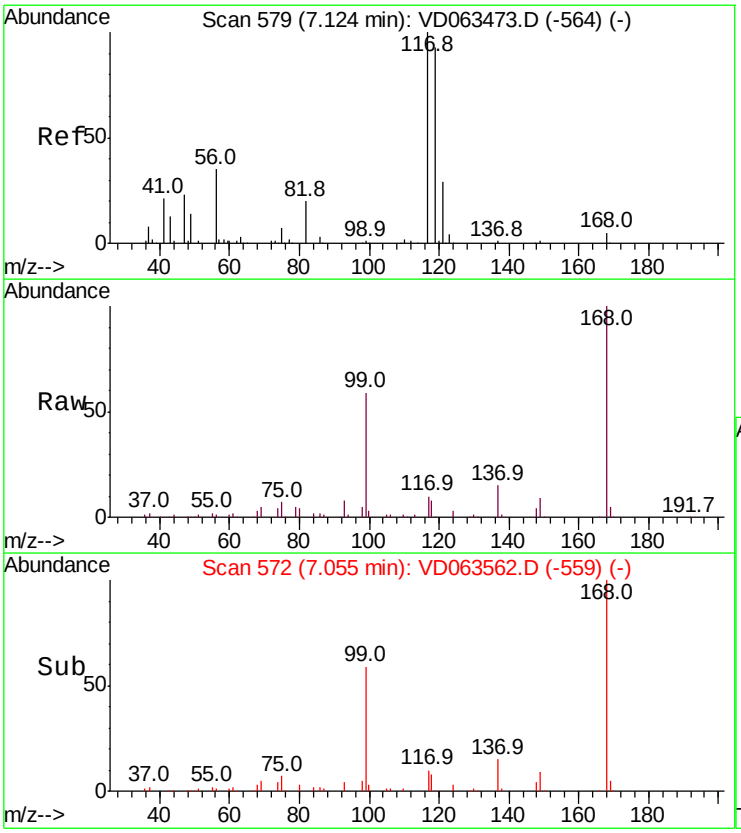
#36
1,1-Dichloropropene
Concen: 5.724 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.12 min
Lab File: VD063562.D
Acq: 14 Aug 2019 8:55

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 48740

Ion	Ratio	Lower	Upper
75	100		
110	7.5	17.6	52.8#
77	0.0	24.3	36.5#

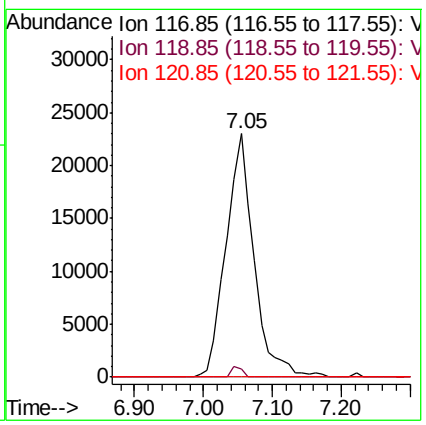


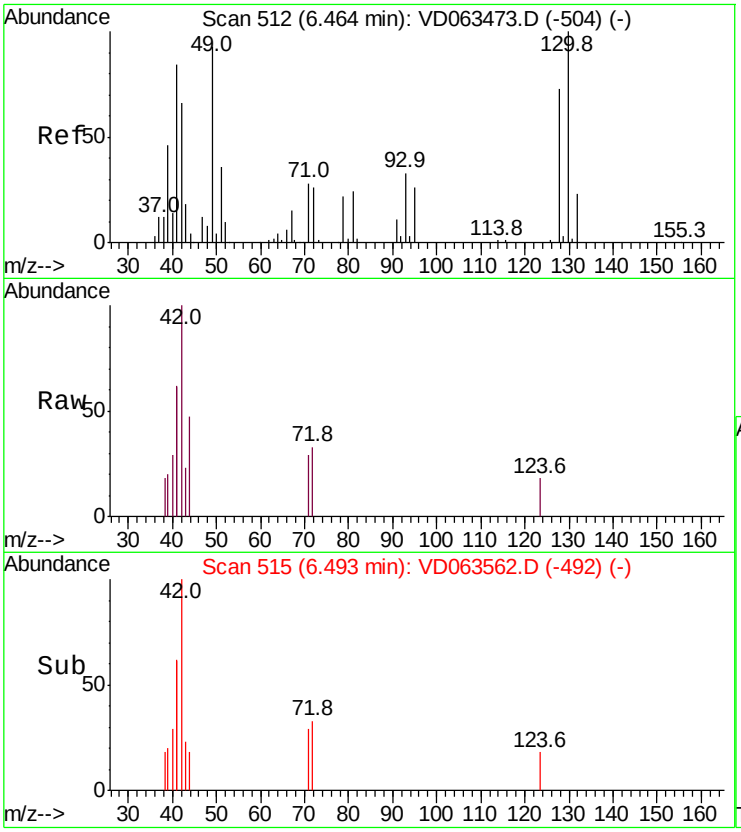


#38
Carbon Tetrachloride
Concen: 5.056 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.07 min
Lab File: VD063562.D
Acq: 14 Aug 2019 8:55

Tgt Ion:117 Resp: 64876

Ion	Ratio	Lower	Upper
117	100		
119	3.1	74.2	111.2#
121	0.0	23.1	34.7#



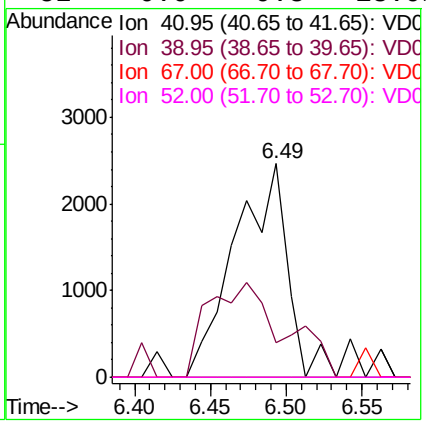


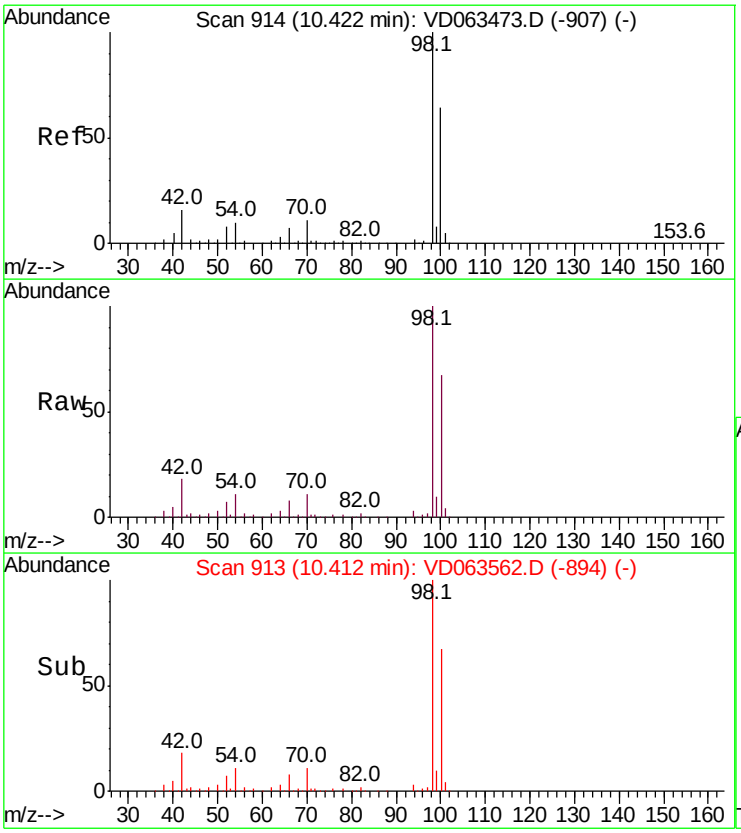
#41
Methacrylonitrile
Concen: 1.340 ug/l
RT: 6.49 min Scan# 515
Delta R.T. 0.03 min
Lab File: VD063562.D
Acq: 14 Aug 2019 8:55

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 41 Resp: 6022

Ion	Ratio	Lower	Upper
41	100		
39	16.4	44.6	66.8#
67	0.0	14.4	21.6#
52	0.0	9.3	13.9#

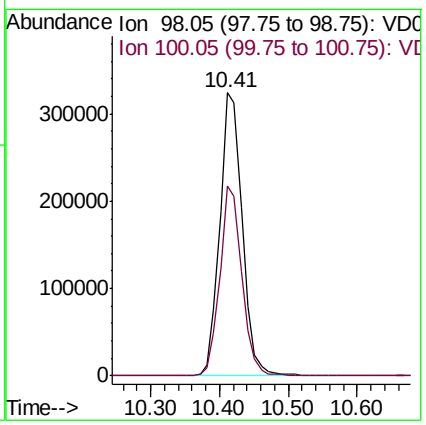


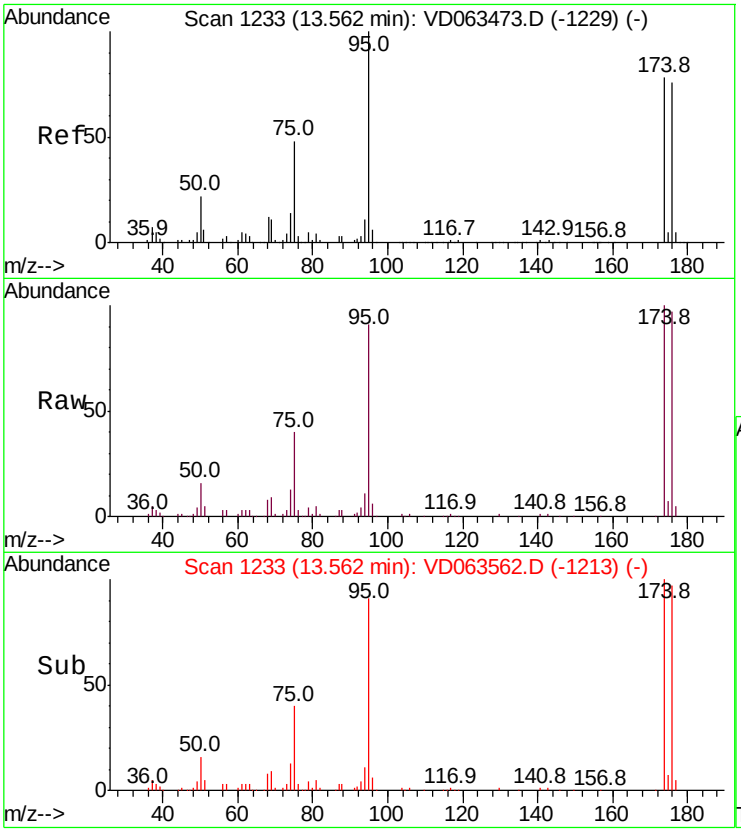


#50
Toluene-d8
Concen: 41.119 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063562.D
Acq: 14 Aug 2019 8:55

Tgt Ion: 98 Resp: 733334

Ion	Ratio	Lower	Upper
98	100		
100	67.2	51.7	77.5



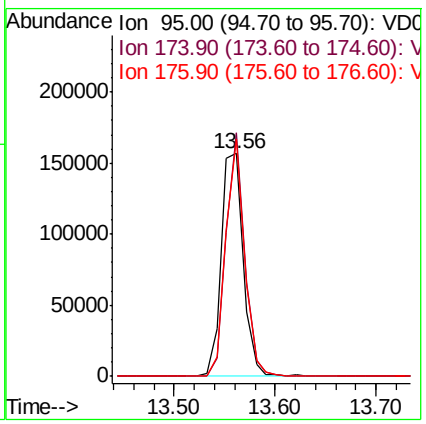


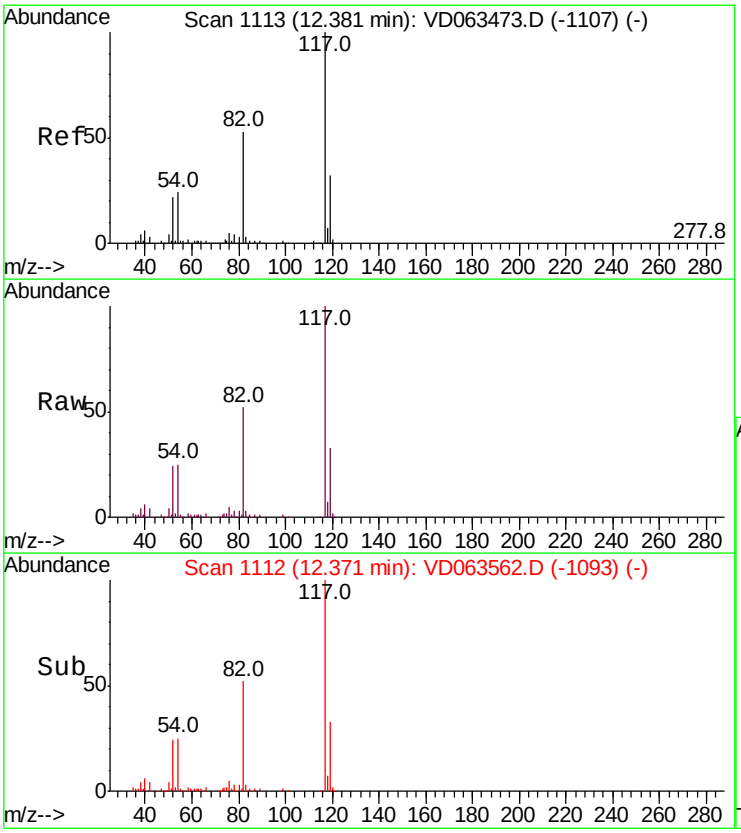
#62
4-Bromofluorobenzene
Concen: 29.490 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VD063562.D
Acq: 14 Aug 2019 8:55

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 238375

Ion	Ratio	Lower	Upper
95	100		
174	109.3	0.0	155.4
176	106.4	0.0	152.4

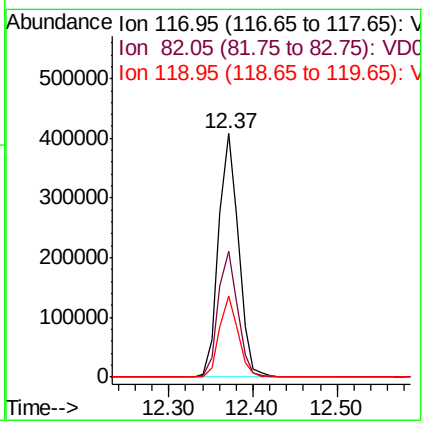


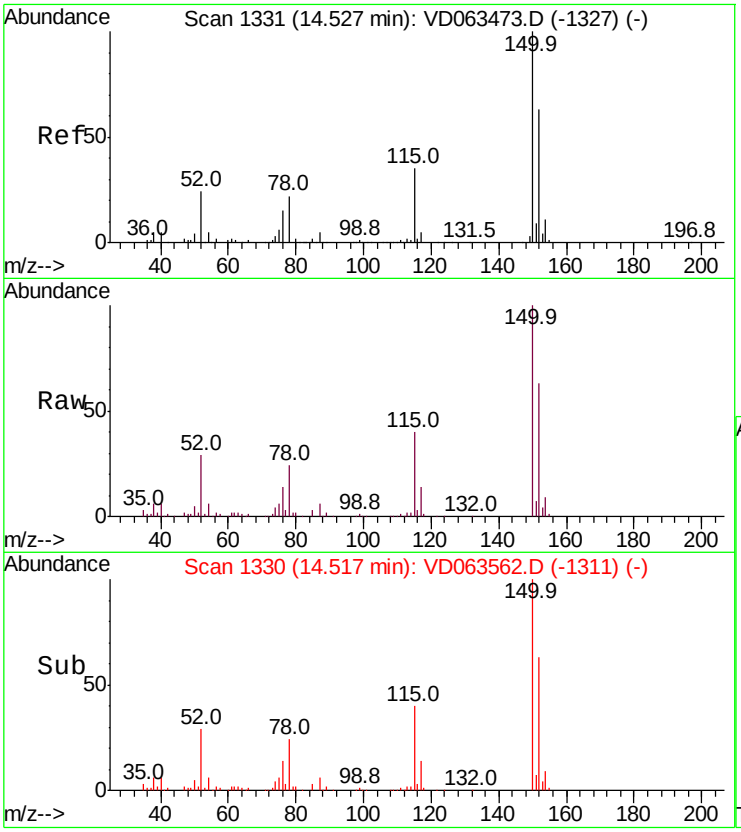


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063562.D
Acq: 14 Aug 2019 8:55

Tgt Ion:117 Resp: 671532

Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.0	63.0
119	33.3	25.4	38.0



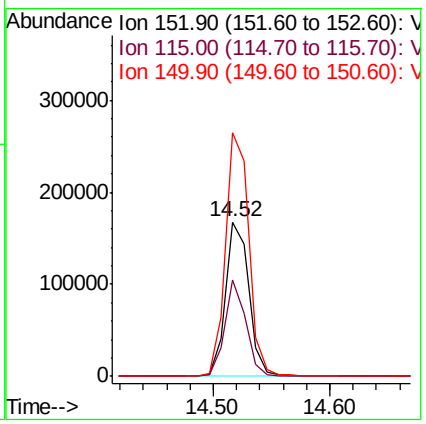


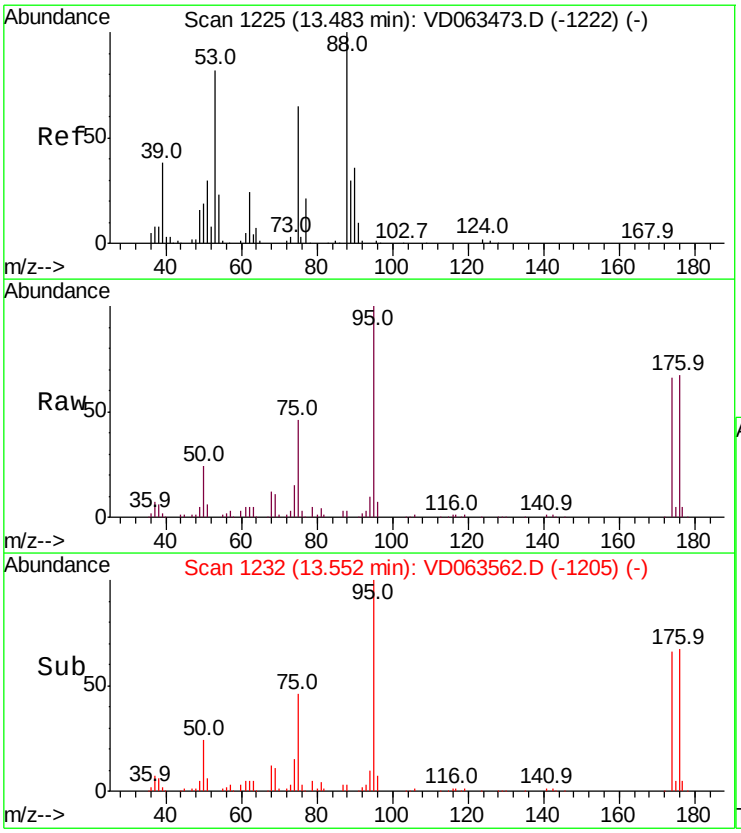
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063562.D
Acq: 14 Aug 2019 8:55

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 232851

Ion	Ratio	Lower	Upper
152	100		
115	62.7	30.9	92.7
150	157.6	0.0	318.6





#81
trans-1,4-Dichloro-2-butene
Concen: 148.918 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.07 min
Lab File: VD063562.D
Acq: 14 Aug 2019 8:55

Tgt Ion: 75 Resp: 106962

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