Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062519\
Data File : VD062876.D
Acq On : 25 Jun 2019 13:53
Operator : VA/AP
Sample : K3500-04RE
Misc : 5.24g/5ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : B-4(9-10)

Quant Time: Jun 26 05:34:23 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	7.06	168	846832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1210796	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	931024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	363912	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	411745	44.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.46%			
35) Dibromofluoromethane	6.94	113	438639	42.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.92%			
50) Toluene-d8	10.41	98	877042	39.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 78.94%			
62) 4-Bromofluorobenzene	13.55	95	312597	30.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 61.88%			
Target Compounds						Qvalue
13) Acrolein	3.05	56	470	1.098	ug/l	88
16) Acetone	3.22	43	3179	Below Cal	#	64
20) Methylene Chloride	3.82	84	36023	5.131	ug/l #	85
31) Cyclohexane	7.06	56	18260	2.112	ug/l #	1
36) 1,1-Dichloropropene	7.06	75	65218	5.690	ug/l #	50
37) Ethyl Acetate	6.21	43	262	Below Cal	#	69
38) Carbon Tetrachloride	7.05	117	89266	5.178	ug/l #	16
49) 1,4-Dioxane	9.00	88	220	6.192	ug/l #	1
51) 4-Methyl-2-Pentanone	10.42	43	5080	1.192	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.55	75	149625	135.894	ug/l #	2

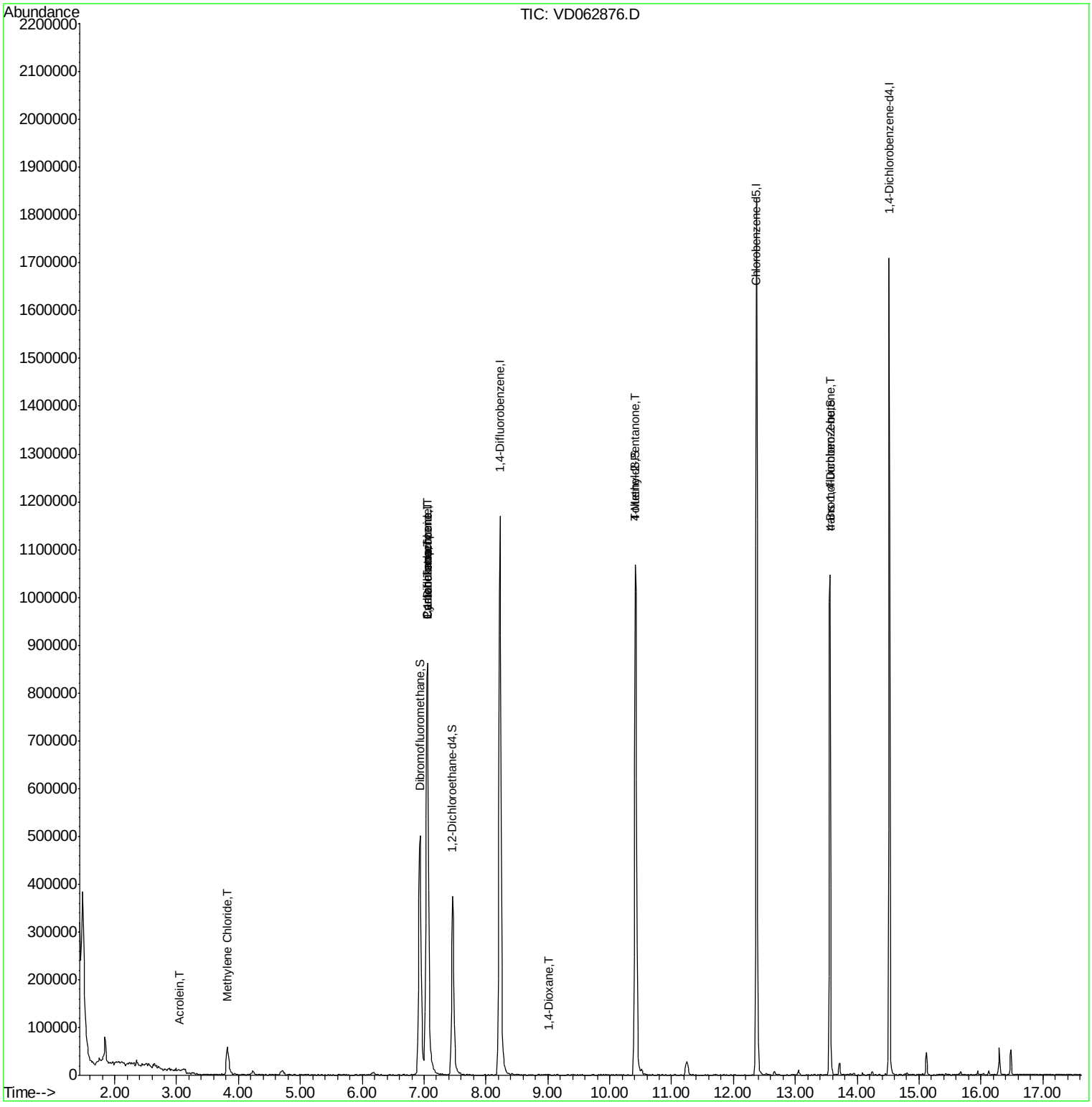
(#) = qualifier out of range (m) = manual integration (+) = signals summed

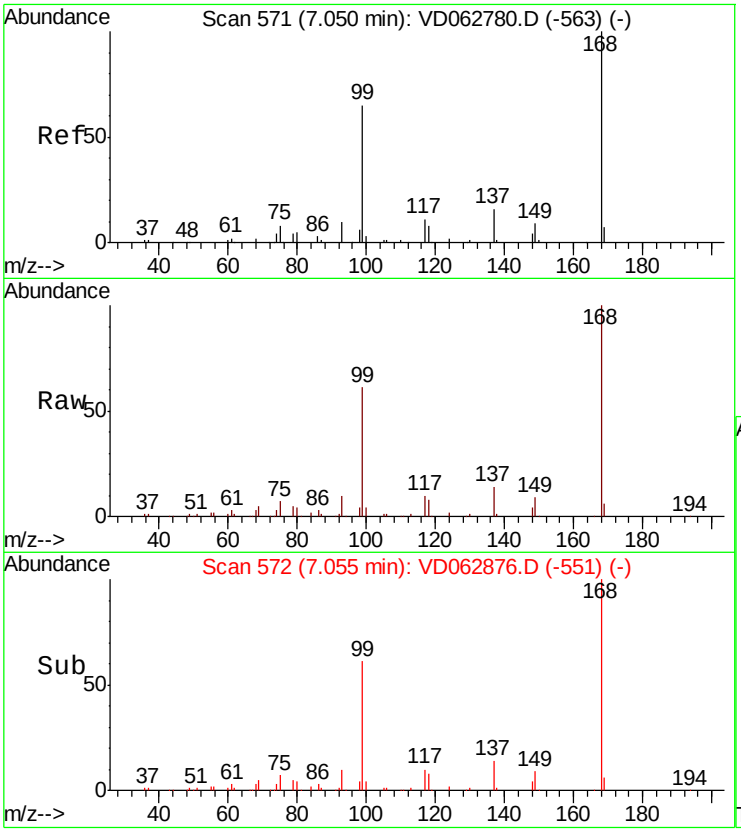
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
Data File : VD062876.D
Acq On : 25 Jun 2019 13:53
Operator : VA/AP
Sample : K3500-04RE
Misc : 5.24g/5ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-4(9-10)

Quant Time: Jun 26 05:34:23 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



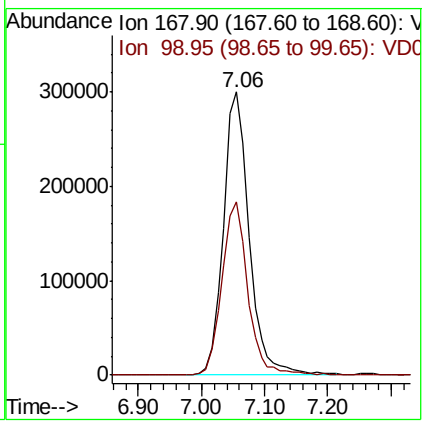


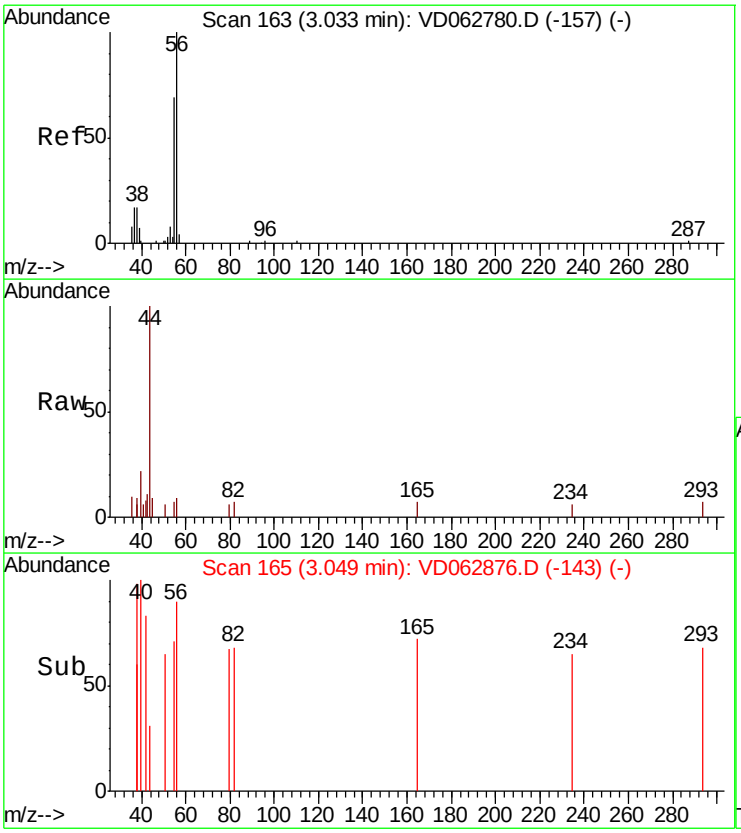
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.01 min
Lab File: VD062876.D
Acq: 25 Jun 2019 13:53

Instrument :
MSVOA_D
ClientSampleId :
B-4(9-10)

Tgt Ion:168 Resp: 846832

Ion	Ratio	Lower	Upper
168	100		
99	61.1	53.0	79.6

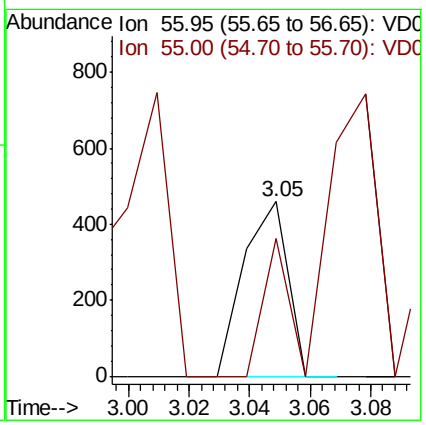


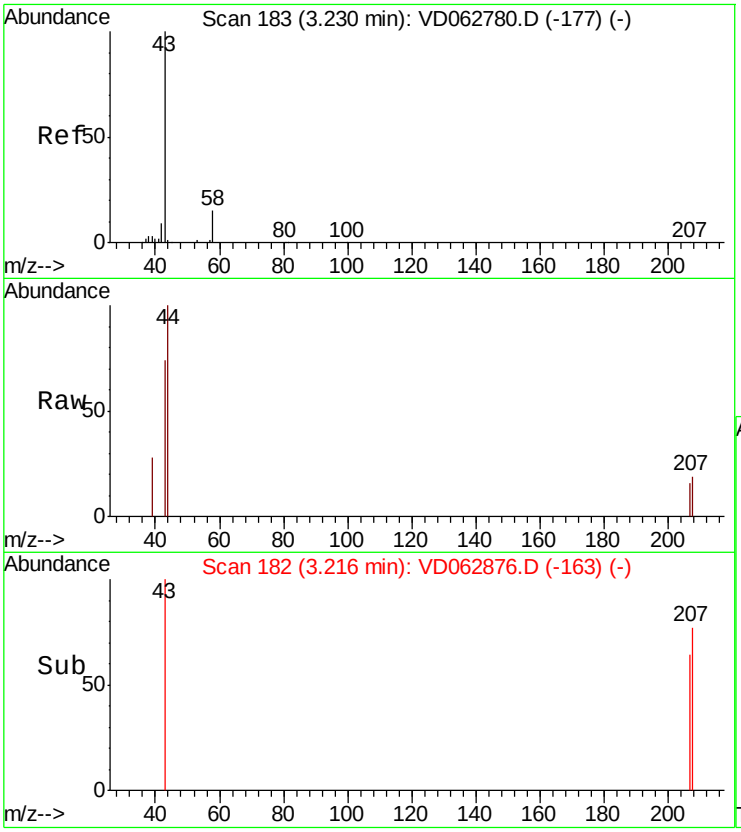


#13
Acrolein
Concen: 1.098 ug/l
RT: 3.05 min Scan# 165
Delta R.T. 0.02 min
Lab File: VD062876.D
Acq: 25 Jun 2019 13:53

Tgt Ion: 56 Resp: 470

Ion	Ratio	Lower	Upper
56	100		
55	78.9	55.4	83.0



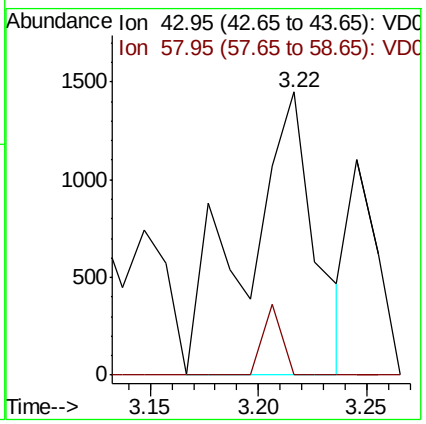


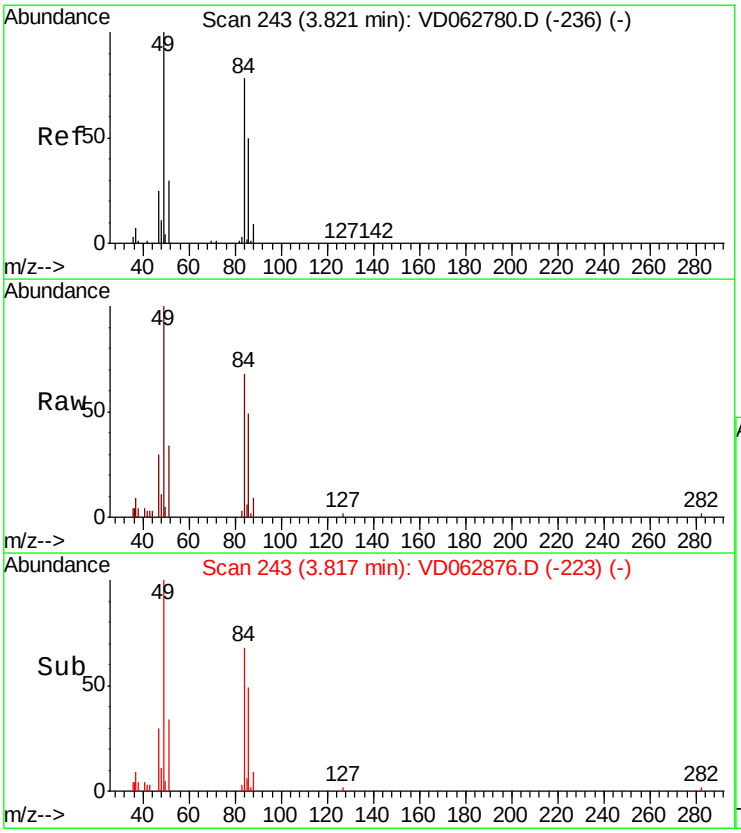
#16
Acetone
Concen: Below Cal
RT: 3.22 min Scan# 182
Delta R.T. -0.01 min
Lab File: VD062876.D
Acq: 25 Jun 2019 13:53

Instrument :
MSVOA_D
ClientSampleId :
B-4(9-10)

Tgt Ion: 43 Resp: 3179

Ion	Ratio	Lower	Upper
43	100		
58	0.0	11.9	17.9#

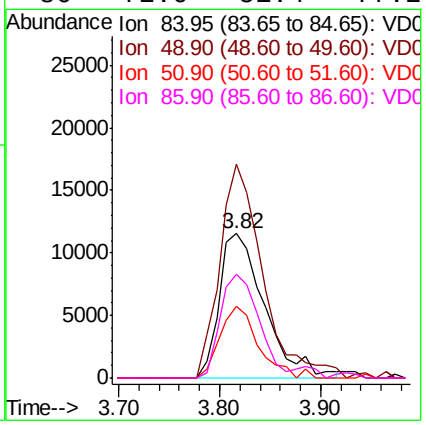


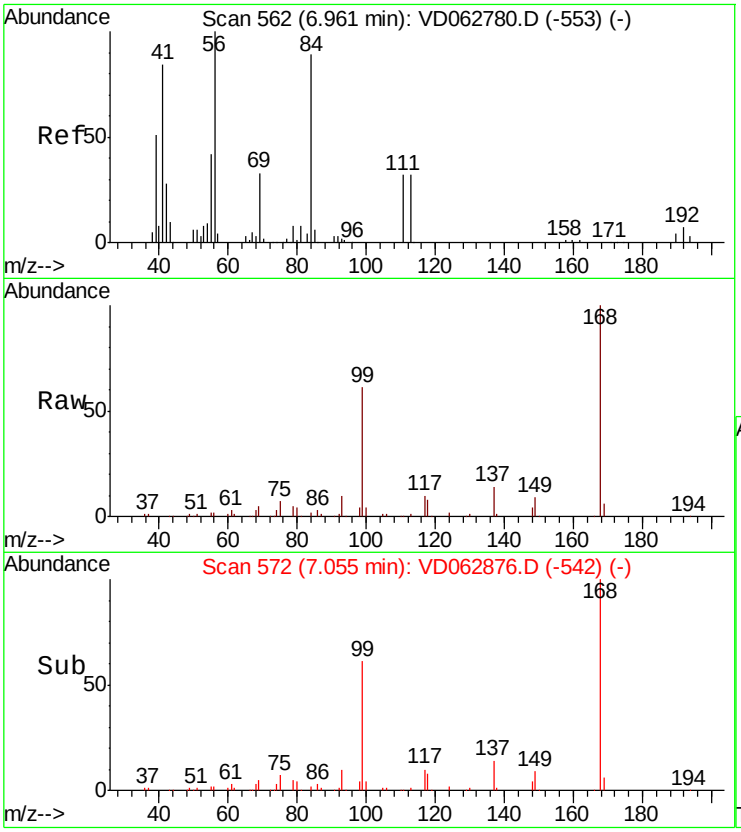


#20
Methylene Chloride
Concen: 5.131 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.00 min
Lab File: VD062876.D
Acq: 25 Jun 2019 13:53

Tgt Ion: 84 Resp: 36023

Ion	Ratio	Lower	Upper
84	100		
49	148.0	102.9	154.3
51	49.6	31.2	46.8#
86	72.0	51.4	77.2



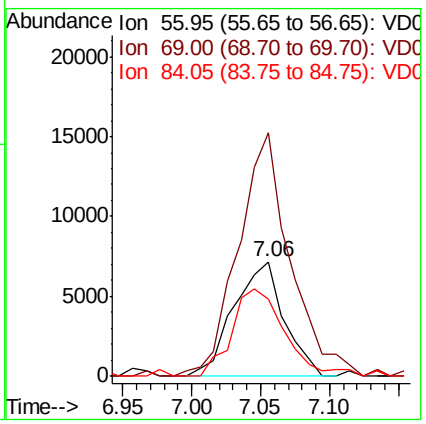


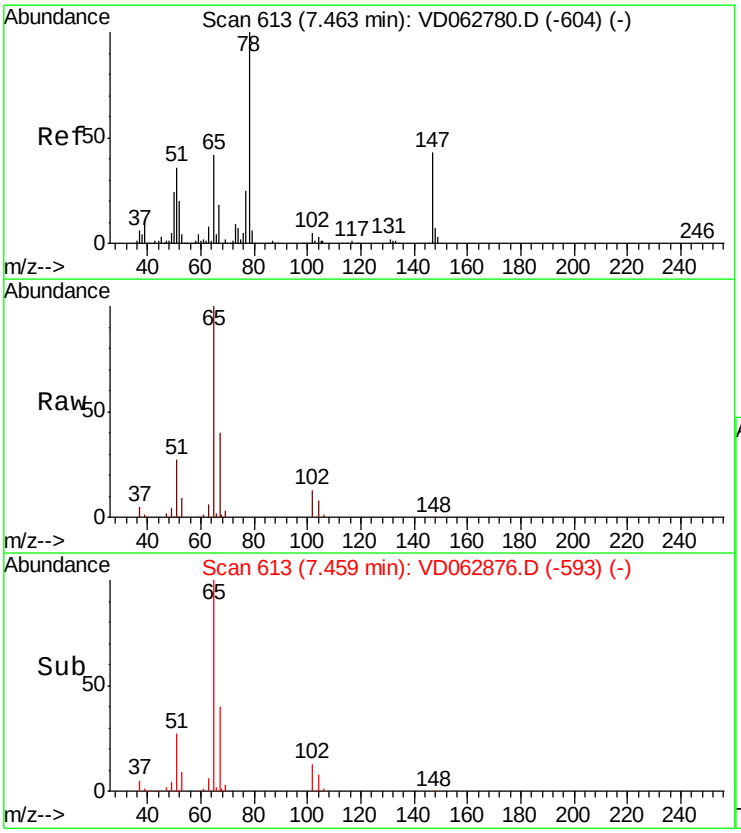
#31
Cyclohexane
Concen: 2.112 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.09 min
Lab File: VD062876.D
Acq: 25 Jun 2019 13:53

Instrument : MSVOA_D
ClientSampleId : B-4(9-10)

Tgt Ion: 56 Resp: 18260

Ion	Ratio	Lower	Upper
56	100		
69	211.8	26.6	39.8#
84	67.3	75.5	113.3#

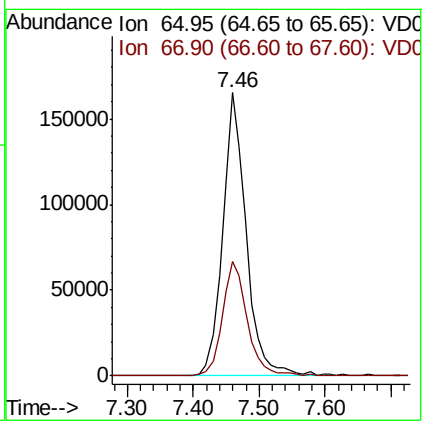


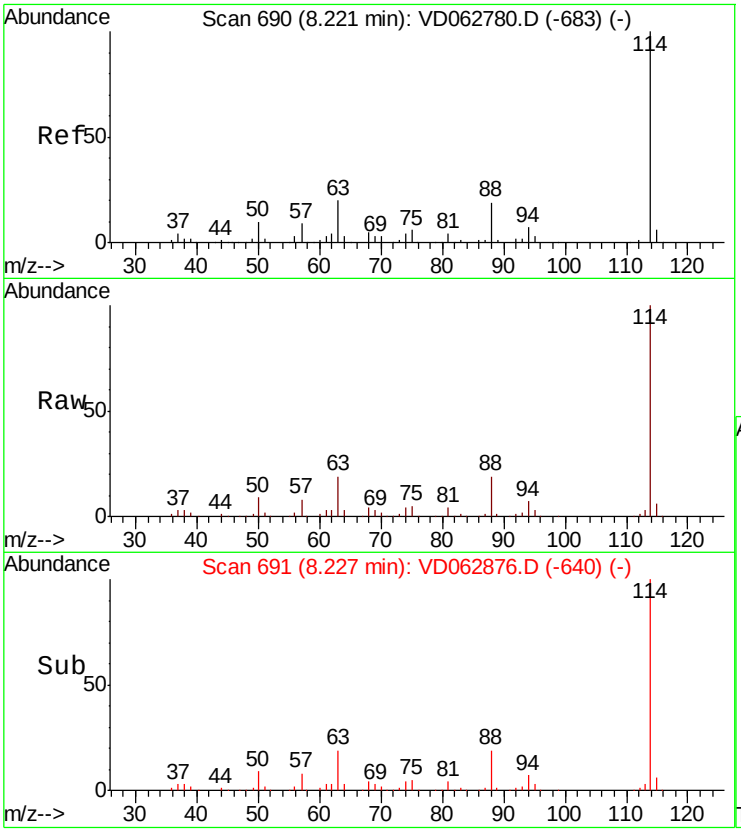


#33
1,2-Dichloroethane-d4
Concen: 44.731 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.00 min
Lab File: VD062876.D
Acq: 25 Jun 2019 13:53

Tgt Ion: 65 Resp: 411745

Ion	Ratio	Lower	Upper
65	100		
67	40.4	0.0	87.4



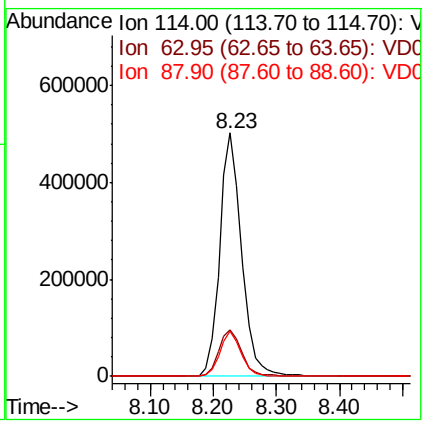


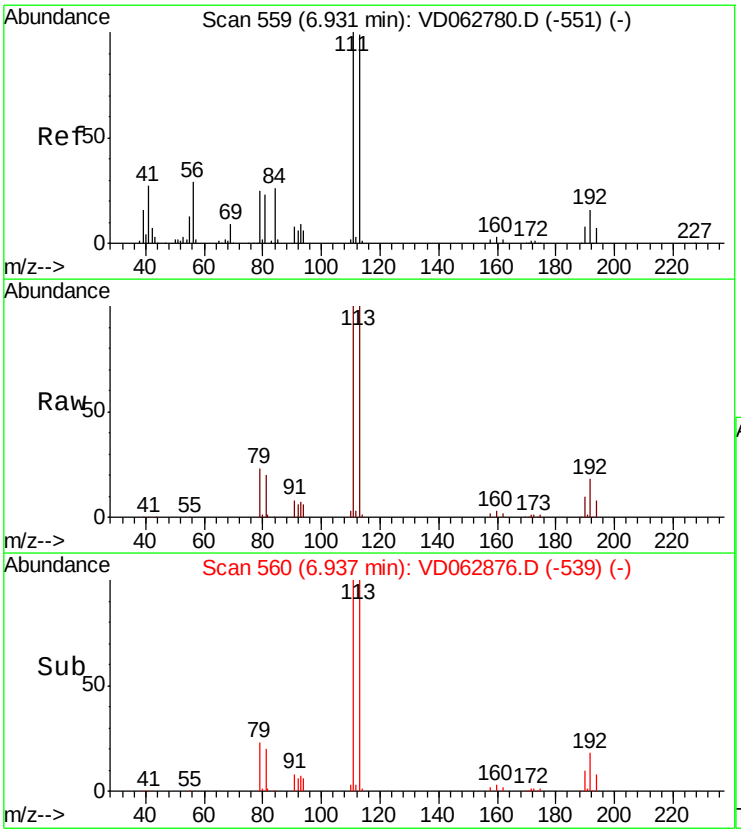
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 691
Delta R.T. 0.01 min
Lab File: VD062876.D
Acq: 25 Jun 2019 13:53

Instrument :
MSVOA_D
ClientSampleId :
B-4(9-10)

Tgt Ion:114 Resp: 1210796

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	40.0
88	18.8	0.0	38.8

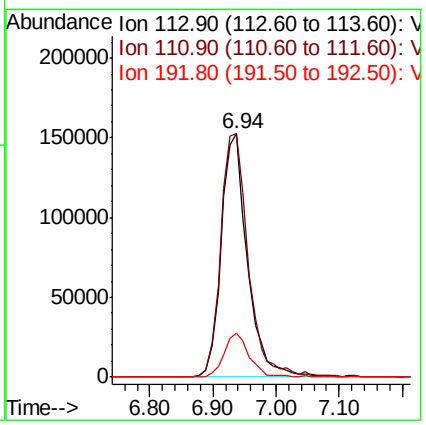


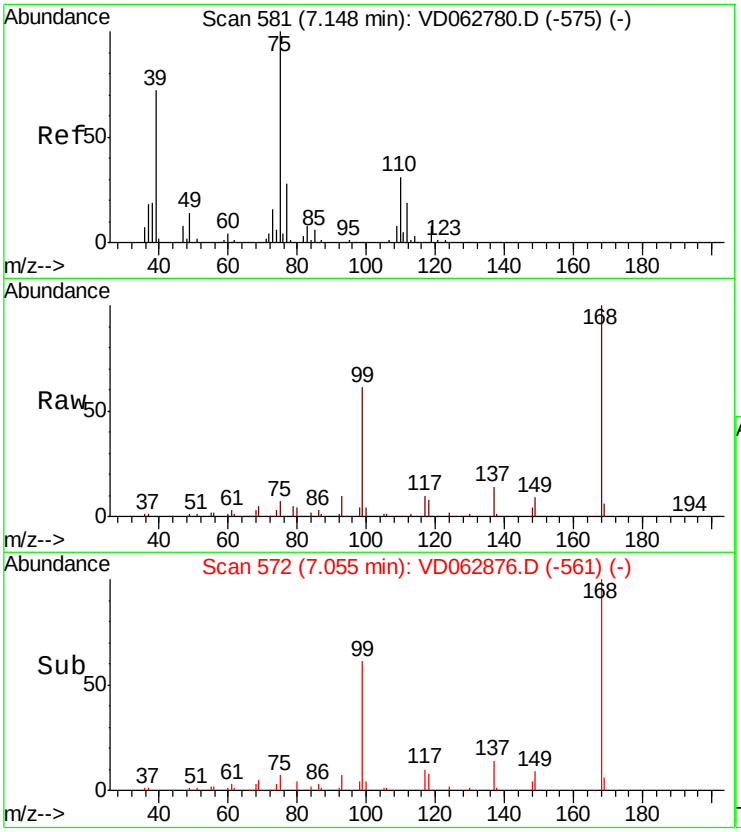


#35
Dibromofluoromethane
Concen: 42.964 ug/l
RT: 6.94 min Scan# 560
Delta R.T. 0.01 min
Lab File: VD062876.D
Acq: 25 Jun 2019 13:53

Tgt Ion:113 Resp: 438639

Ion	Ratio	Lower	Upper
113	100		
111	100.1	81.2	121.8
192	18.2	12.9	19.3



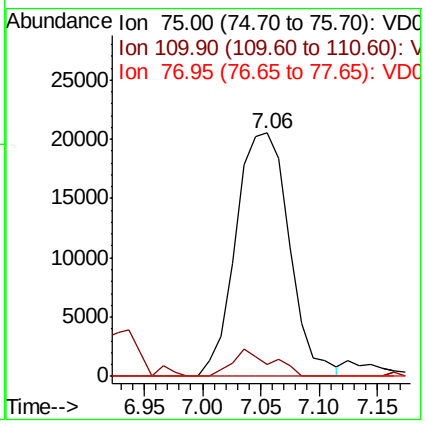


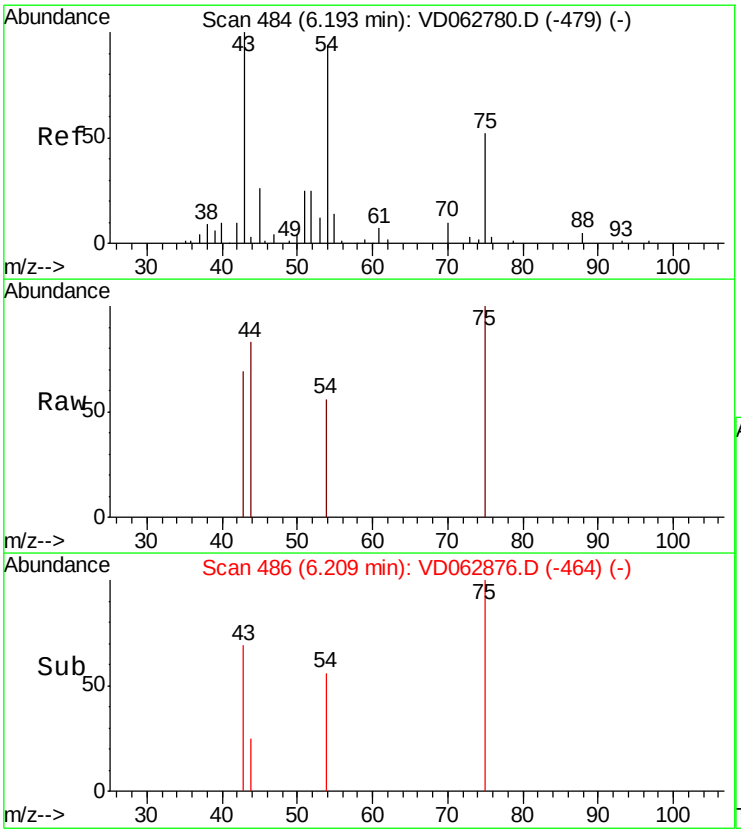
#36
1,1-Dichloropropene
Concen: 5.690 ug/l
RT: 7.06 min Scan# 572
Delta R.T. -0.09 min
Lab File: VD062876.D
Acq: 25 Jun 2019 13:53

Instrument : MSVOA_D
ClientSampleId : B-4(9-10)

Tgt Ion: 75 Resp: 65218

Ion	Ratio	Lower	Upper
75	100		
110	4.7	15.0	45.1#
77	0.0	22.2	33.2#

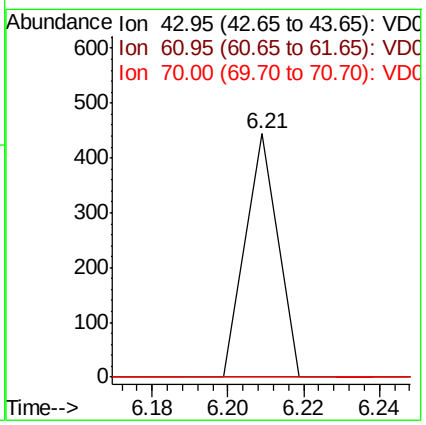


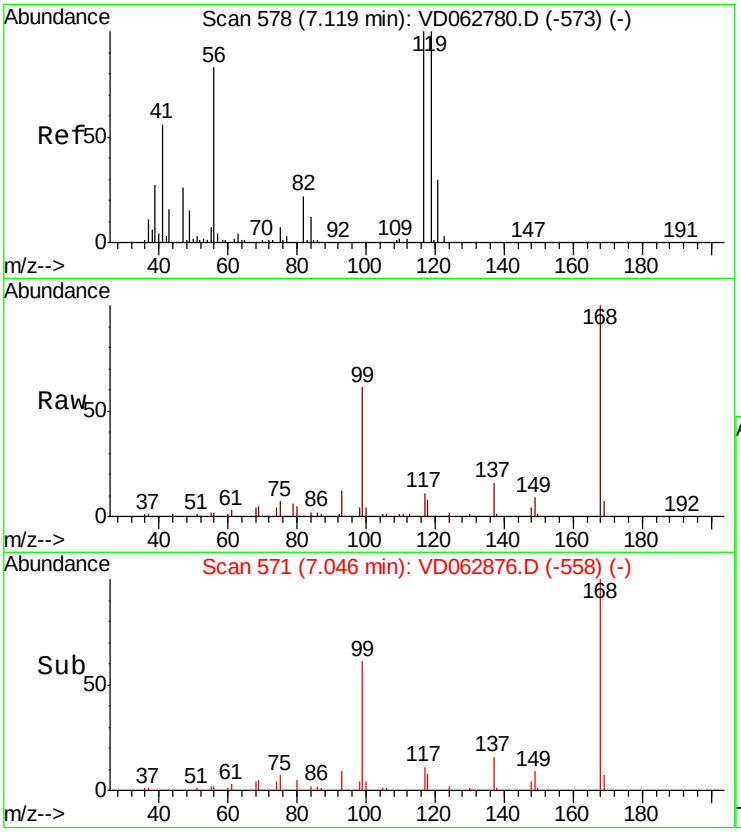


#37
Ethyl Acetate
Concen: Below Cal
RT: 6.21 min Scan# 486
Delta R.T. 0.02 min
Lab File: VD062876.D
Acq: 25 Jun 2019 13:53

Tgt Ion: 43 Resp: 262

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



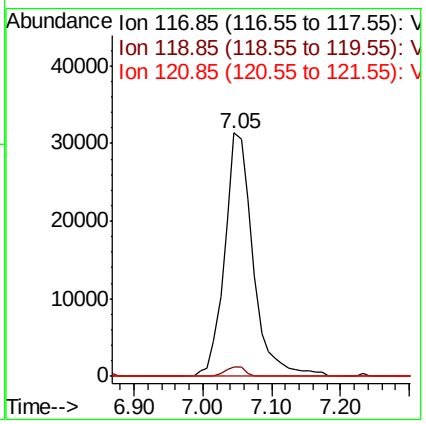


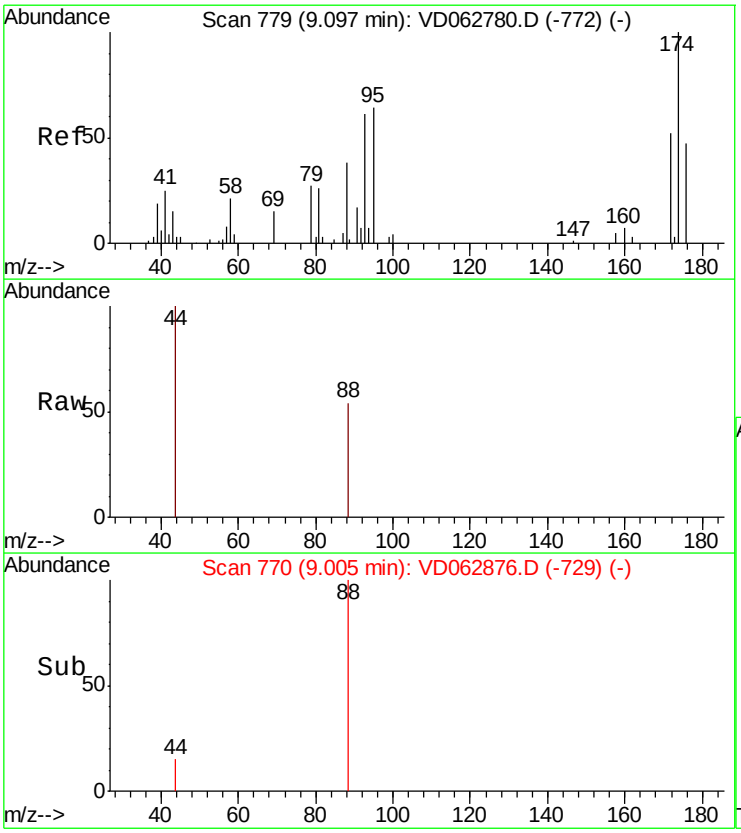
#38
Carbon Tetrachloride
Concen: 5.178 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.07 min
Lab File: VD062876.D
Acq: 25 Jun 2019 13:53

Instrument :
MSVOA_D
ClientSampleId :
B-4(9-10)

Tgt Ion:117 Resp: 89266

Ion	Ratio	Lower	Upper
117	100		
119	3.9	75.4	113.2#
121	0.0	22.3	33.5#

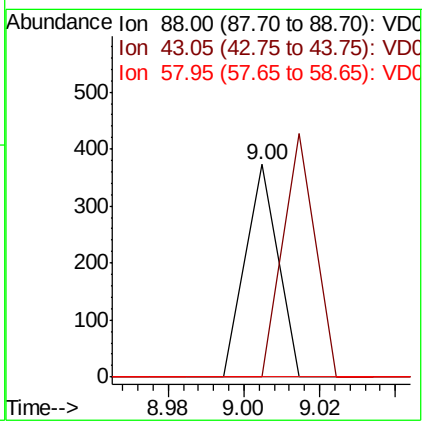


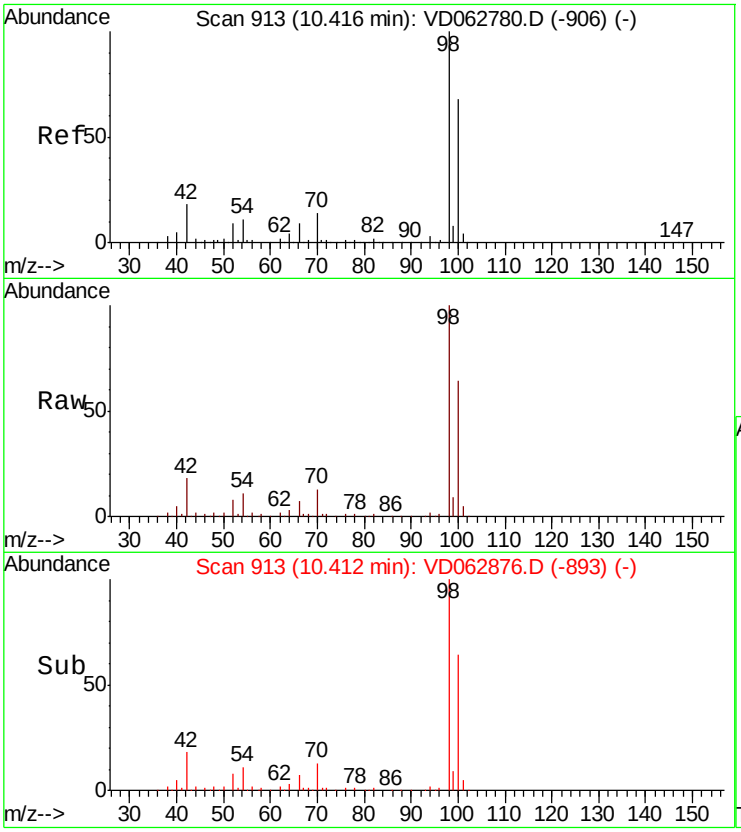


#49
1,4-Dioxane
Concen: 6.192 ug/l
RT: 9.00 min Scan# 770
Delta R.T. -0.09 min
Lab File: VD062876.D
Acq: 25 Jun 2019 13:53

Tgt Ion: 88 Resp: 220

Ion	Ratio	Lower	Upper
88	100		
43	183.9	32.1	48.1#
58	0.0	44.1	66.1#



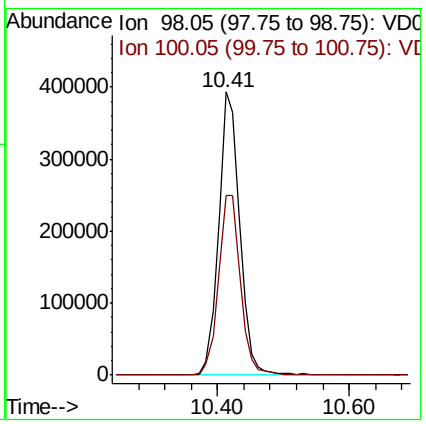


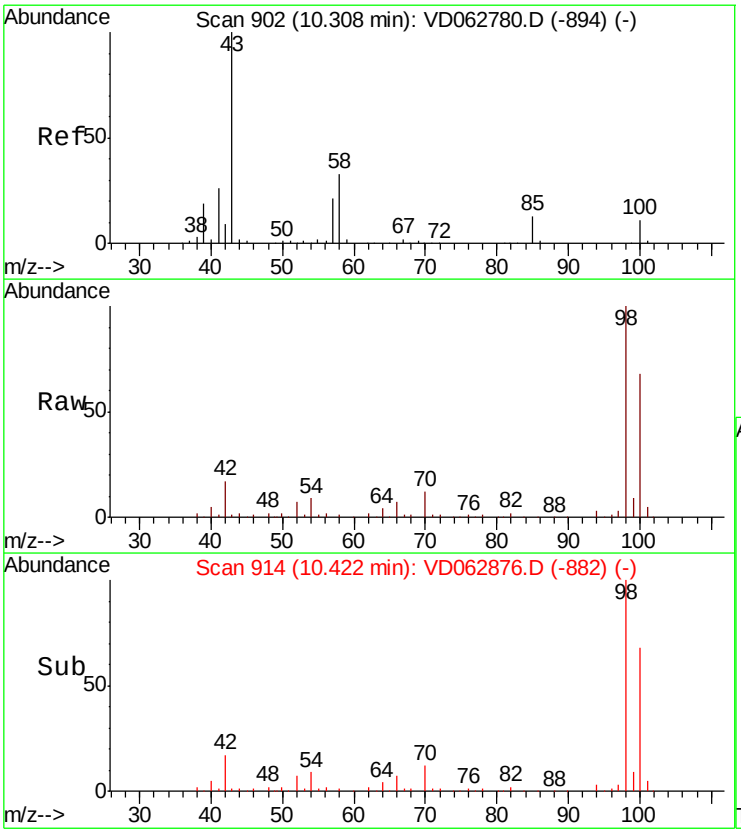
#50
Toluene-d8
Concen: 39.470 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD062876.D
Acq: 25 Jun 2019 13:53

Instrument : MSVOA_D
ClientSampleId : B-4(9-10)

Tgt Ion: 98 Resp: 877042

Ion	Ratio	Lower	Upper
98	100		
100	63.7	54.7	82.1

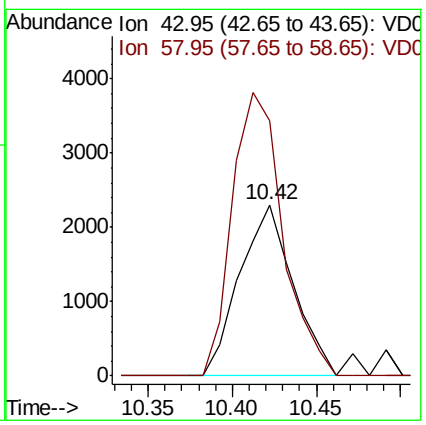


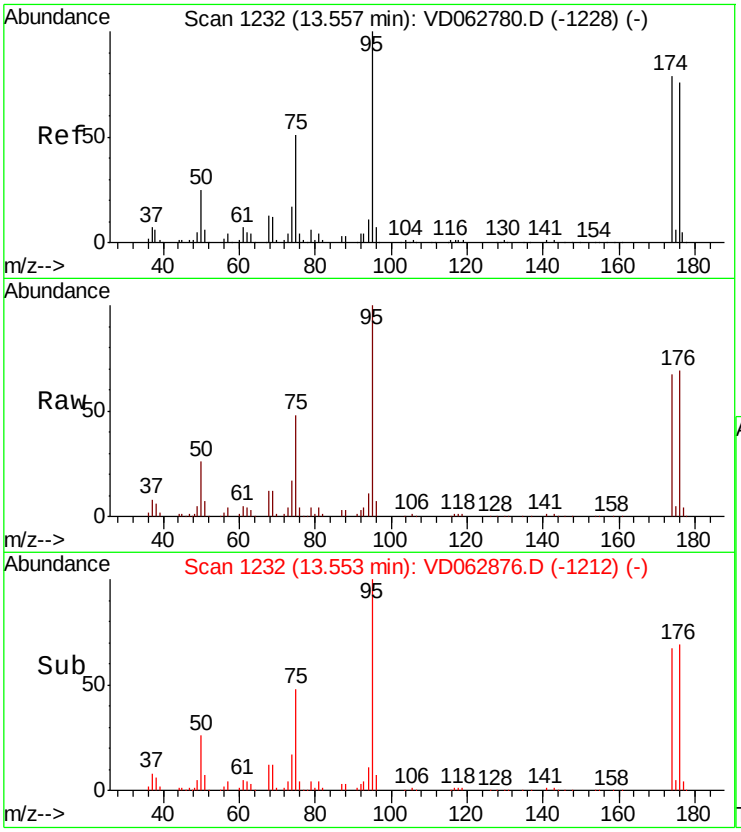


#51
4-Methyl-2-Pentanone
Concen: 1.192 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.11 min
Lab File: VD062876.D
Acq: 25 Jun 2019 13:53

Tgt Ion: 43 Resp: 5080

Ion	Ratio	Lower	Upper
43	100		
58	149.1	26.6	40.0#



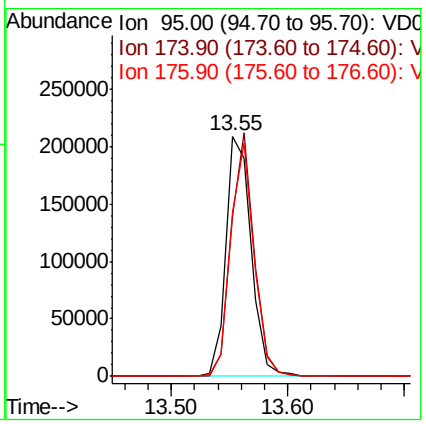


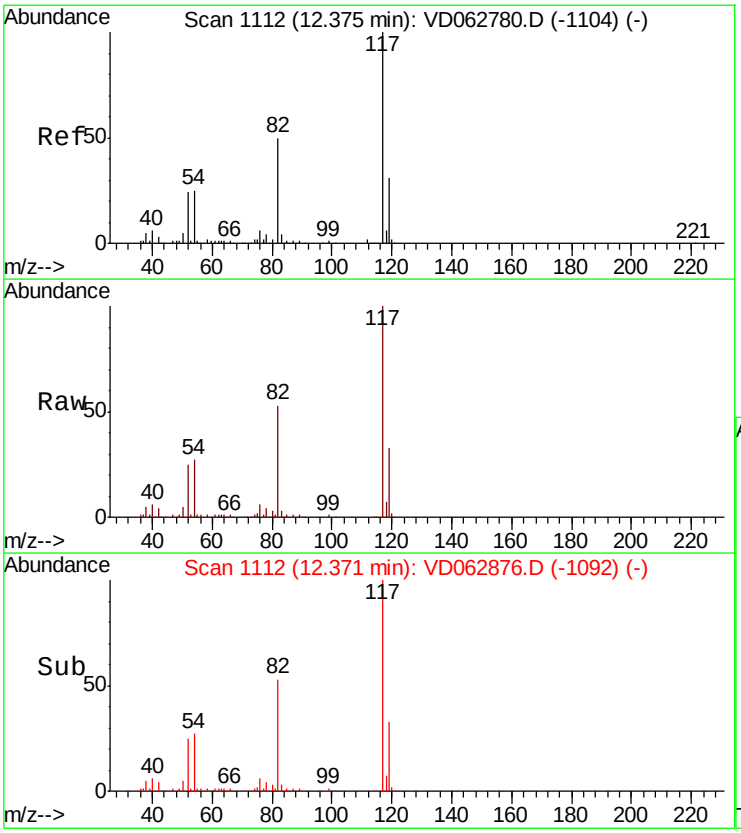
#62
4-Bromofluorobenzene
Concen: 30.939 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062876.D
Acq: 25 Jun 2019 13:53

Instrument :
MSVOA_D
ClientSampleId :
B-4(9-10)

Tgt Ion: 95 Resp: 312597

Ion	Ratio	Lower	Upper
95	100		
174	66.8	0.0	158.0
176	68.6	0.0	151.6

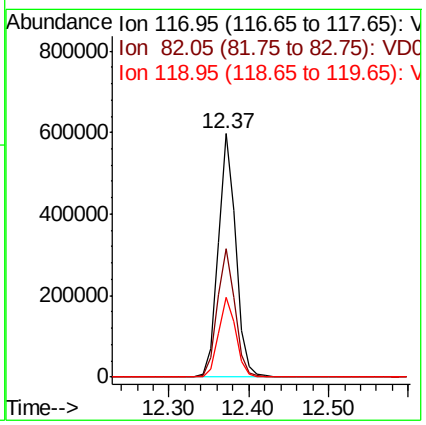


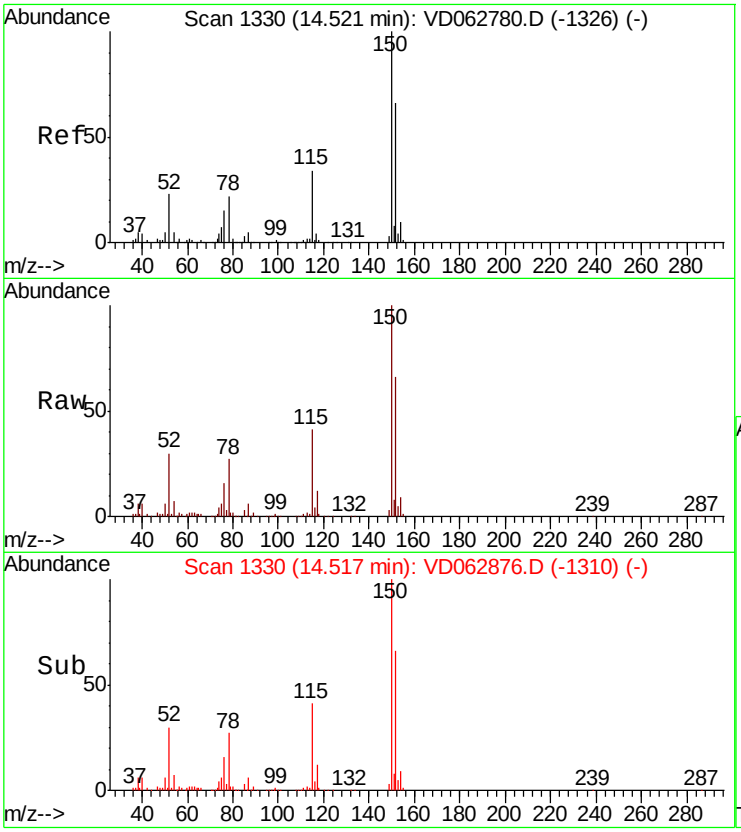


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062876.D
Acq: 25 Jun 2019 13:53

Tgt Ion:117 Resp: 931024

Ion	Ratio	Lower	Upper
117	100		
82	52.8	40.4	60.6
119	32.7	25.2	37.8



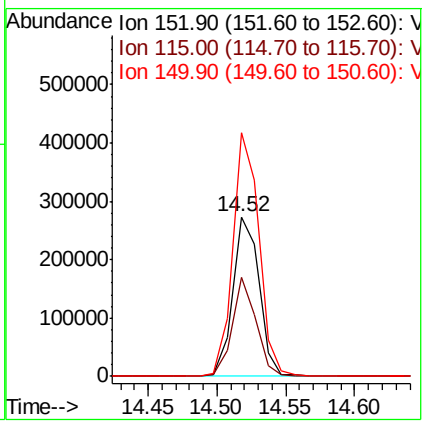


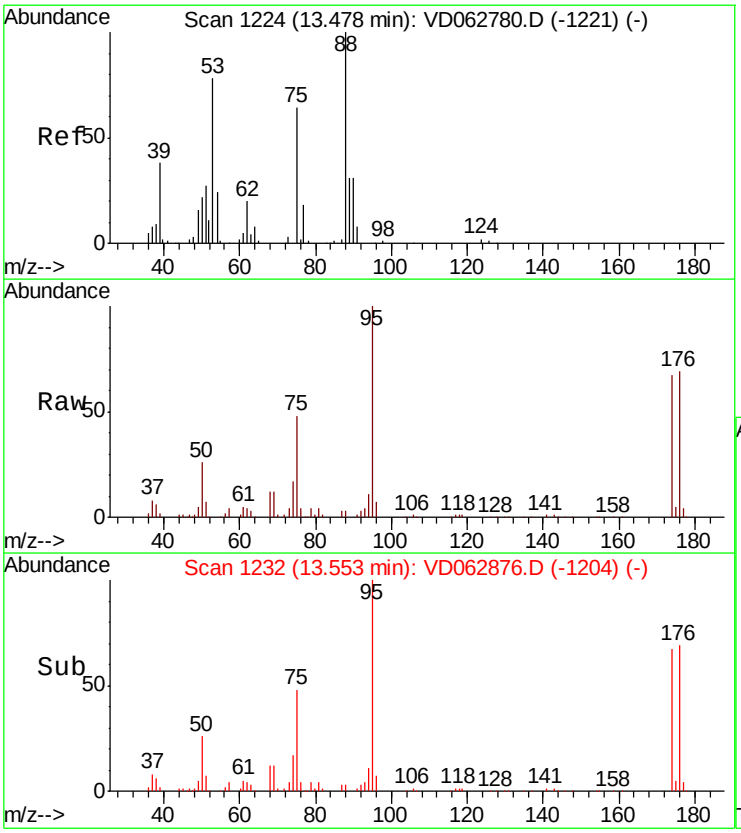
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062876.D
Acq: 25 Jun 2019 13:53

Instrument :
MSVOA_D
ClientSampleId :
B-4(9-10)

Tgt Ion:152 Resp: 363912

Ion	Ratio	Lower	Upper
152	100		
115	62.3	29.2	87.6
150	152.6	0.0	305.8





#81
trans-1,4-Dichloro-2-butene
Concen: 135.894 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.07 min
Lab File: VD062876.D
Acq: 25 Jun 2019 13:53

Tgt Ion: 75 Resp: 149625

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