Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082019\
Data File : VD063688.D
Acq On : 20 Aug 2019 16:49
Operator : JC/SY
Sample : K4388-03
Misc : 5.74g/5ml/MSVOA_D/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : T4-B1-(2)

Quant Time: Aug 21 03:51:37 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	894611	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	1388279	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	962330	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	360218	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	470261	49.18	ug/l	-0.01
Spiked Amount 50.000			Recovery = 98.36%			
35) Dibromofluoromethane	6.92	113	588967	50.37	ug/l	-0.01
Spiked Amount 50.000			Recovery = 100.74%			
50) Toluene-d8	10.41	98	1315860	51.19	ug/l	-0.01
Spiked Amount 50.000			Recovery = 102.38%			
62) 4-Bromofluorobenzene	13.55	95	419962	36.05	ug/l	-0.01
Spiked Amount 50.000			Recovery = 72.10%			
Target Compounds						Qvalue
8) Diethyl Ether	2.87	74	4049	1.742	ug/l	94
11) Tert butyl alcohol	4.11	59	761	1.828	ug/l #	71
13) Acrolein	3.06	56	694	1.694	ug/l #	18
16) Acetone	3.22	43	53060	27.296	ug/l #	92
20) Methylene Chloride	3.81	84	104280	12.406	ug/l	98
29) Tetrahydrofuran	6.45	42	4929	5.510	ug/l #	65
31) Cyclohexane	7.04	56	19310	2.236	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	67930	5.535	ug/l #	48
38) Carbon Tetrachloride	7.04	117	88499	4.785	ug/l #	16
51) 4-Methyl-2-Pentanone	10.40	43	7897	1.676	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.55	75	191862	172.671	ug/l #	1

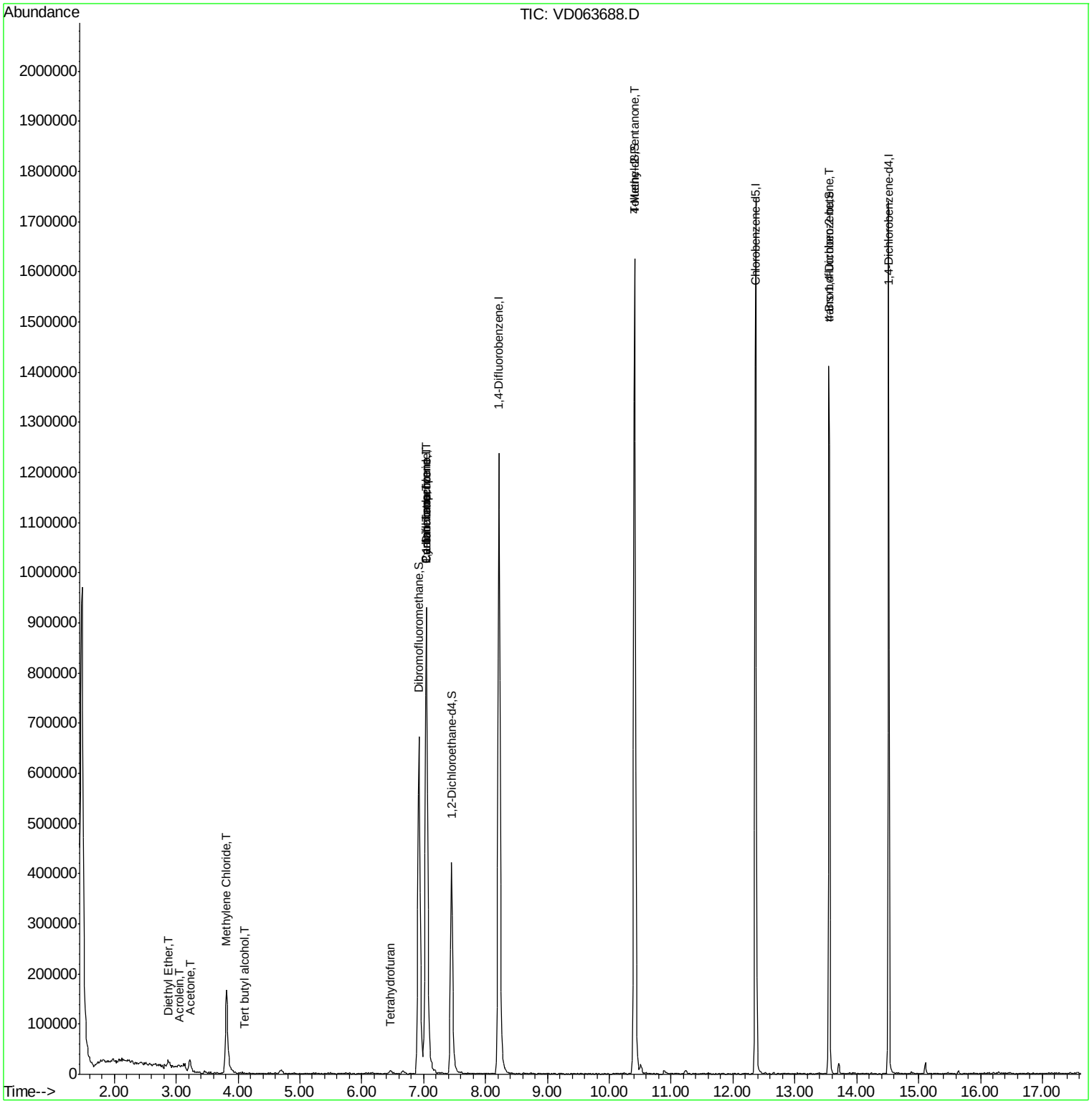
(#) = qualifier out of range (m) = manual integration (+) = signals summed

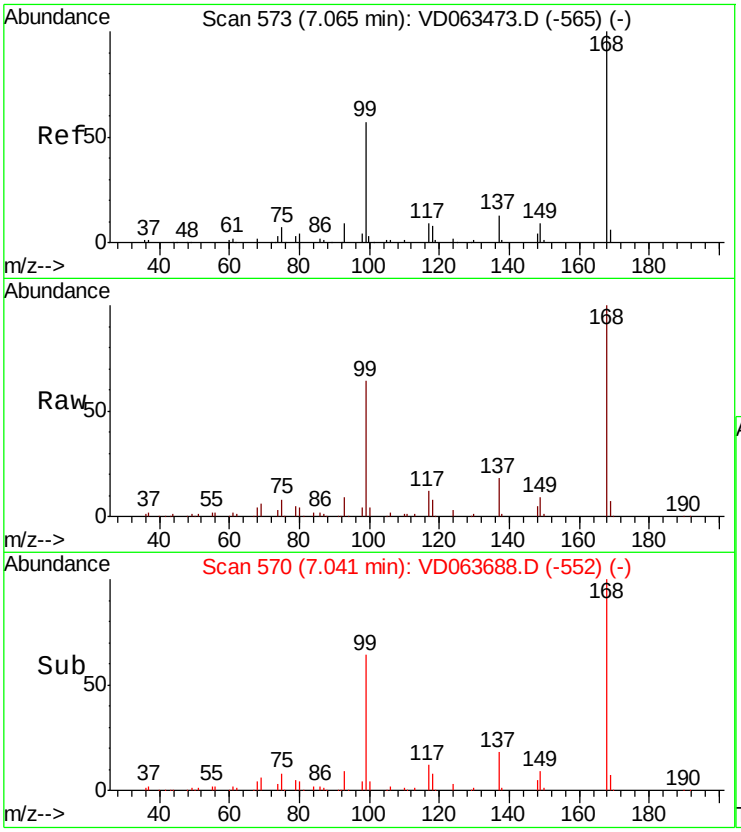
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082019\
Data File : VD063688.D
Acq On : 20 Aug 2019 16:49
Operator : JC/SY
Sample : K4388-03
Misc : 5.74g/5ml/MSVOA_D/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
T4-B1-(2)

Quant Time: Aug 21 03:51:37 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



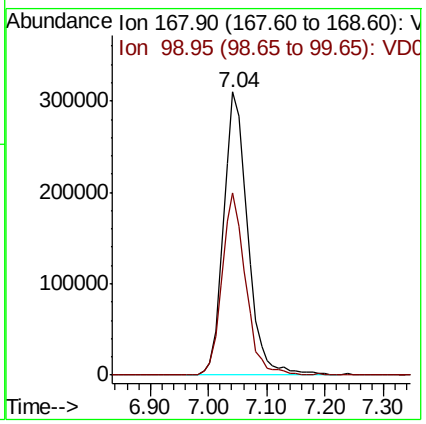


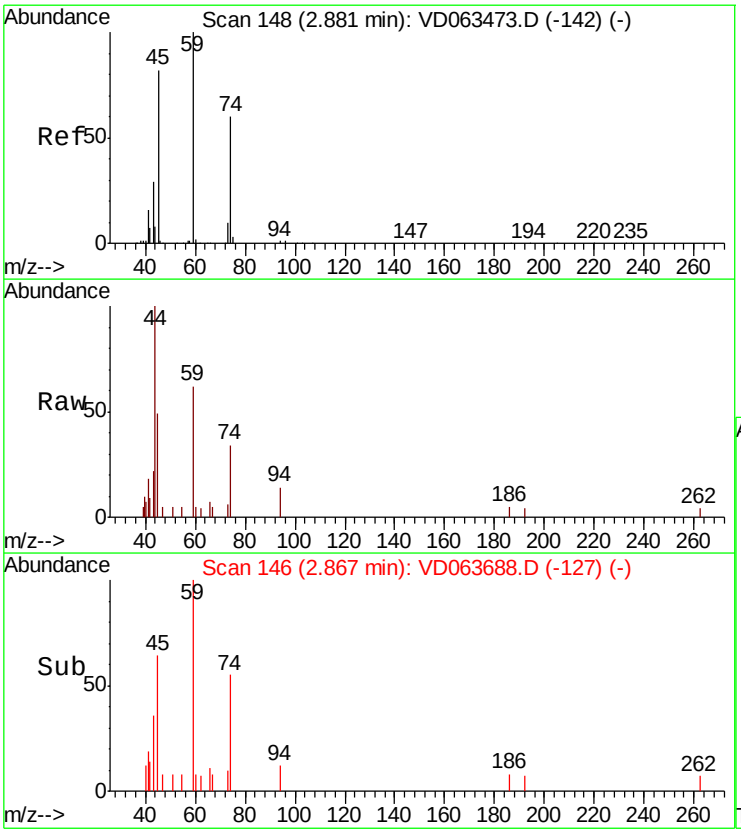
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.02 min
Lab File: VD063688.D
Acq: 20 Aug 2019 16:49

Instrument : MSVOA_D
ClientSampleId : T4-B1-(2)

Tgt Ion:168 Resp: 894611

Ion	Ratio	Lower	Upper
168	100		
99	64.3	46.7	70.1

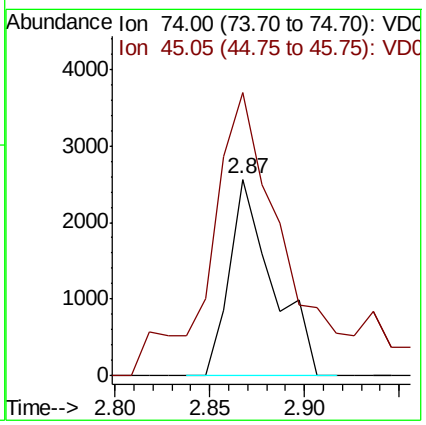


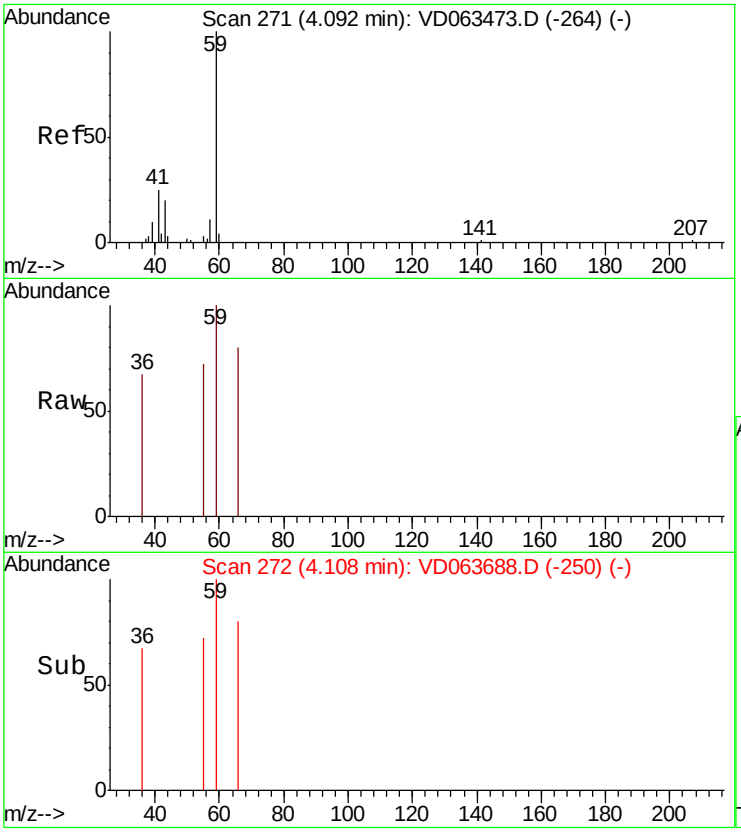


#8
Diethyl Ether
Concen: 1.742 ug/l
RT: 2.87 min Scan# 146
Delta R.T. -0.01 min
Lab File: VD063688.D
Acq: 20 Aug 2019 16:49

Tgt Ion: 74 Resp: 4049

Ion	Ratio	Lower	Upper
74	100		
45	143.8	68.5	205.5



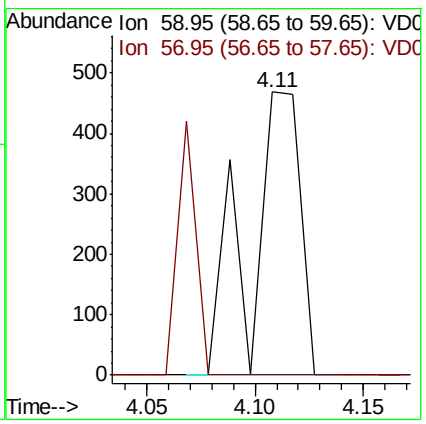


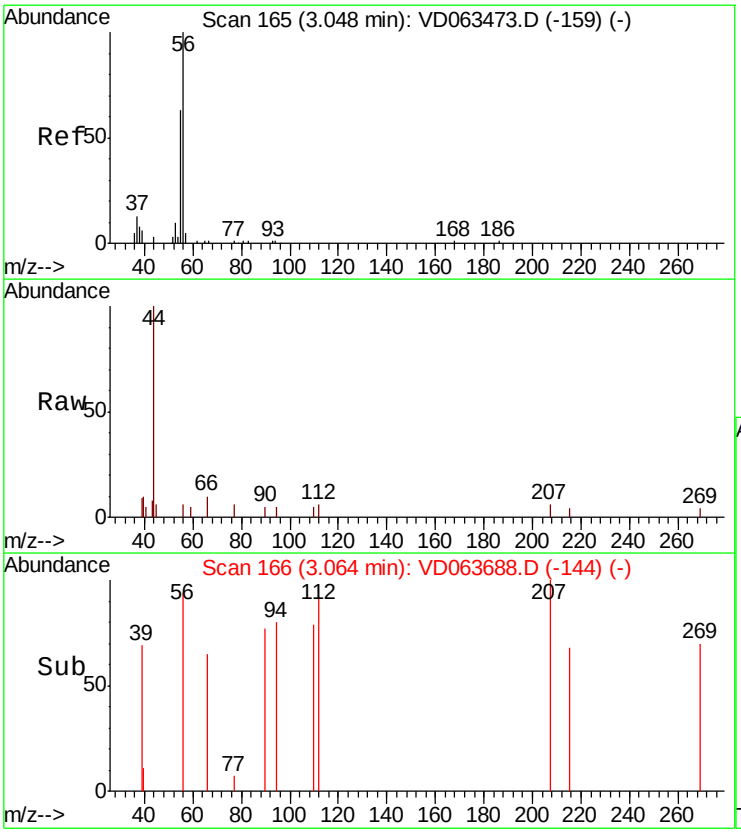
#11
Tert butyl alcohol
Concen: 1.828 ug/l
RT: 4.11 min Scan# 272
Delta R.T. 0.02 min
Lab File: VD063688.D
Acq: 20 Aug 2019 16:49

Instrument :
MSVOA_D
ClientSampleId :
T4-B1-(2)

Tgt Ion: 59 Resp: 761

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#

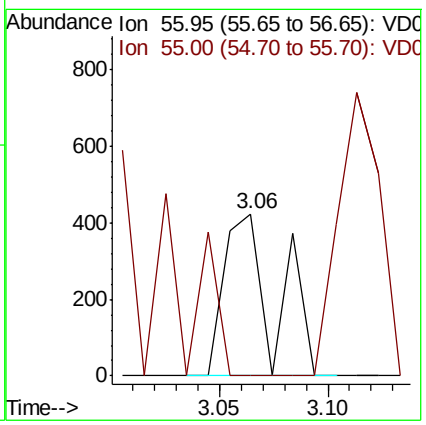


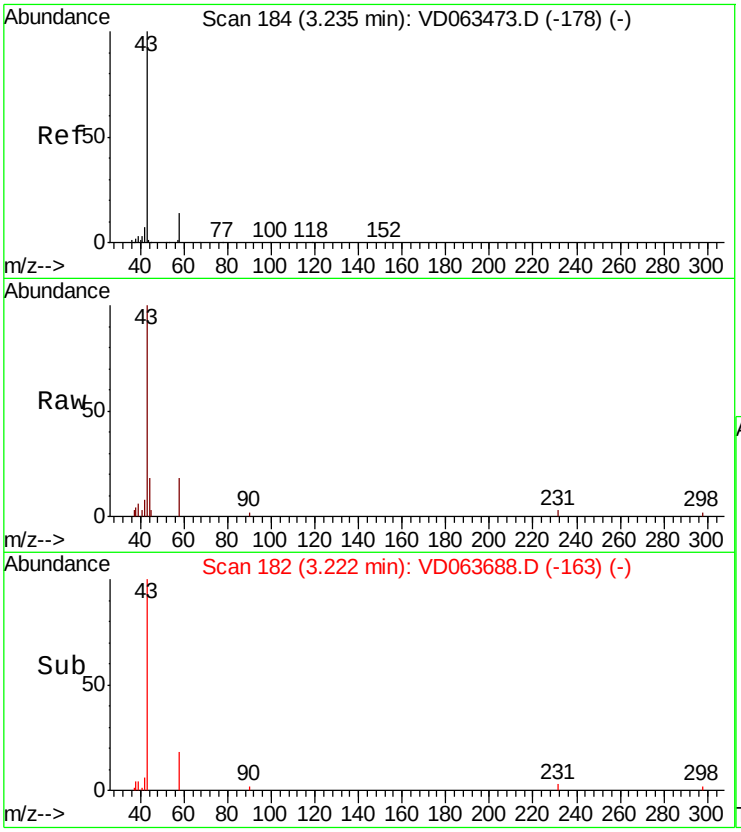


#13
Acrolein
Concen: 1.694 ug/l
RT: 3.06 min Scan# 166
Delta R.T. 0.02 min
Lab File: VD063688.D
Acq: 20 Aug 2019 16:49

Tgt Ion: 56 Resp: 694

Ion	Ratio	Lower	Upper
56	100		
55	0.0	51.3	76.9#



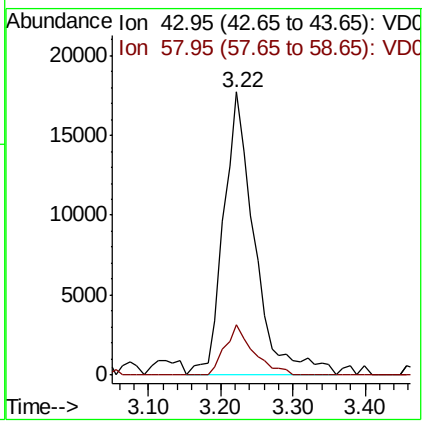


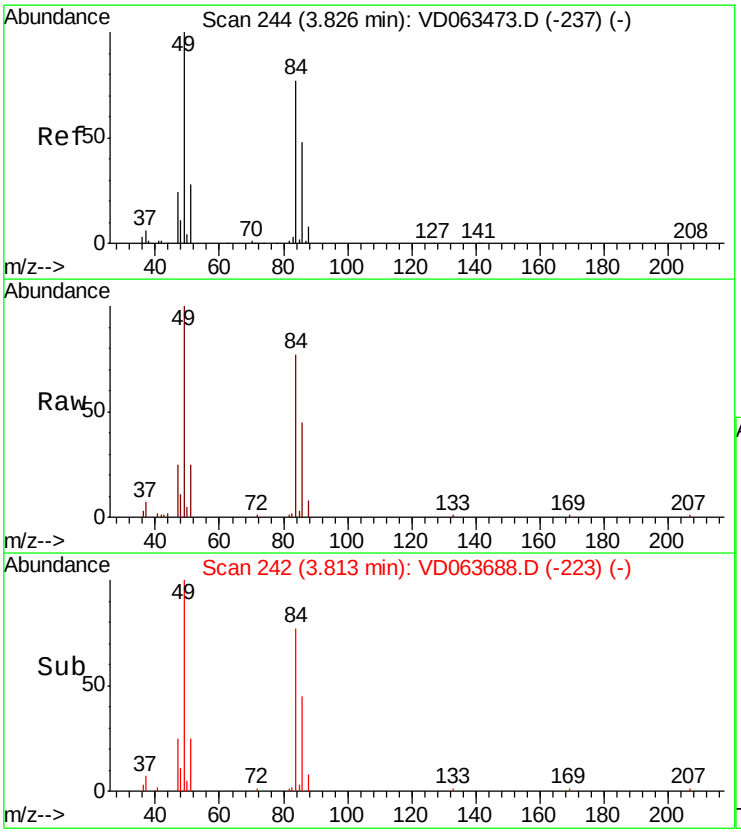
#16
Acetone
Concen: 27.296 ug/l
RT: 3.22 min Scan# 182
Delta R.T. -0.01 min
Lab File: VD063688.D
Acq: 20 Aug 2019 16:49

Instrument :
MSVOA_D
ClientSampleId :
T4-B1-(2)

Tgt Ion: 43 Resp: 53060

Ion	Ratio	Lower	Upper
43	100		
58	17.7	11.4	17.2#

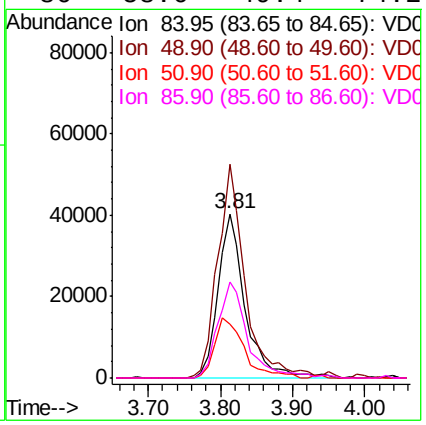


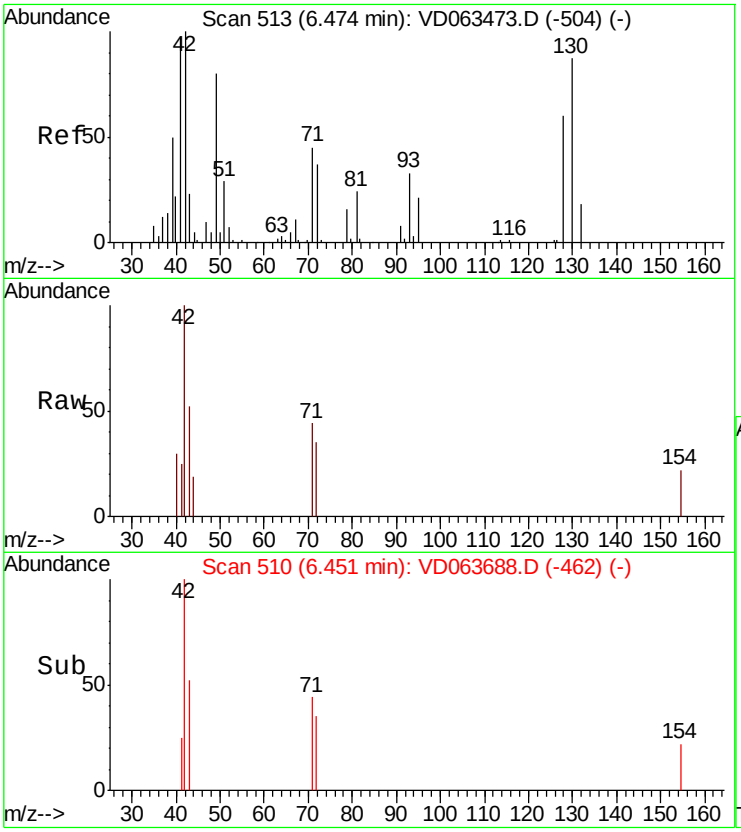


#20
Methylene Chloride
Concen: 12.406 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD063688.D
Acq: 20 Aug 2019 16:49

Tgt Ion: 84 Resp: 104280

Ion	Ratio	Lower	Upper
84	100		
49	130.2	103.4	155.2
51	32.4	28.5	42.7
86	58.6	49.4	74.2



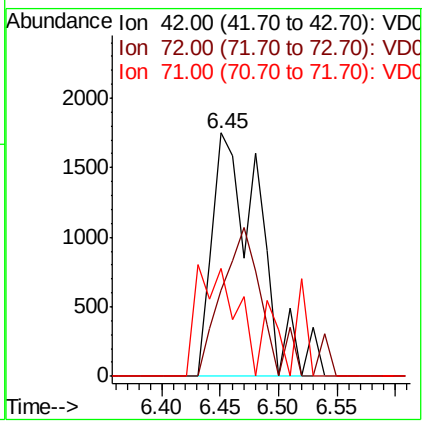


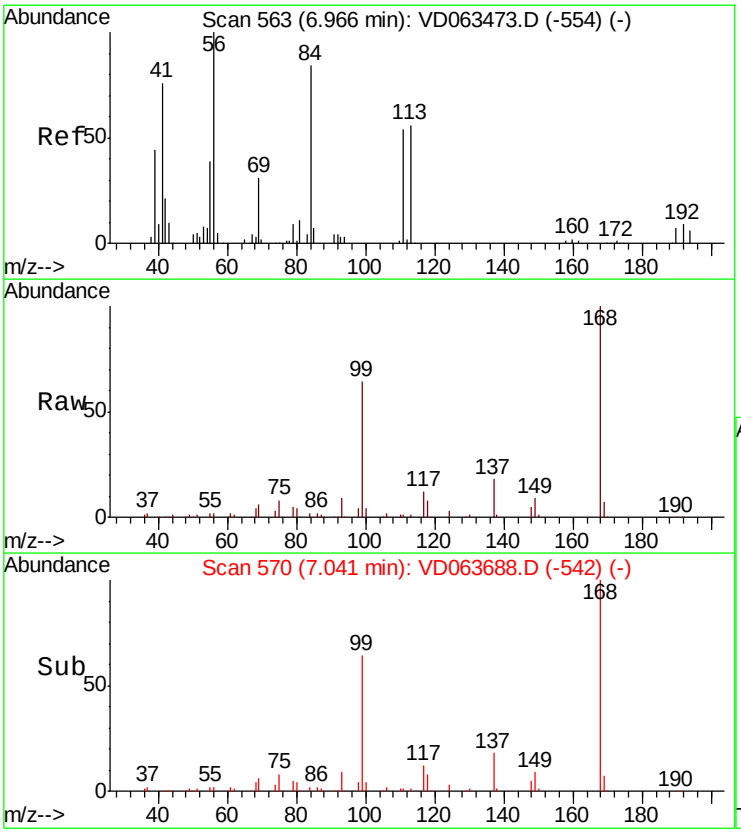
#29
Tetrahydrofuran
Concen: 5.510 ug/l
RT: 6.45 min Scan# 510
Delta R.T. -0.02 min
Lab File: VD063688.D
Acq: 20 Aug 2019 16:49

Instrument :
MSVOA_D
ClientSampleId :
T4-B1-(2)

Tgt Ion: 42 Resp: 4929

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.5	47.3#
71	37.2	33.8	50.8

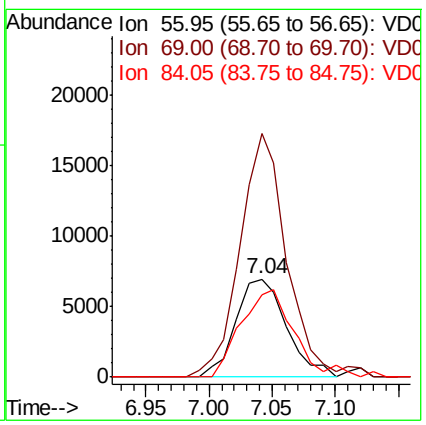


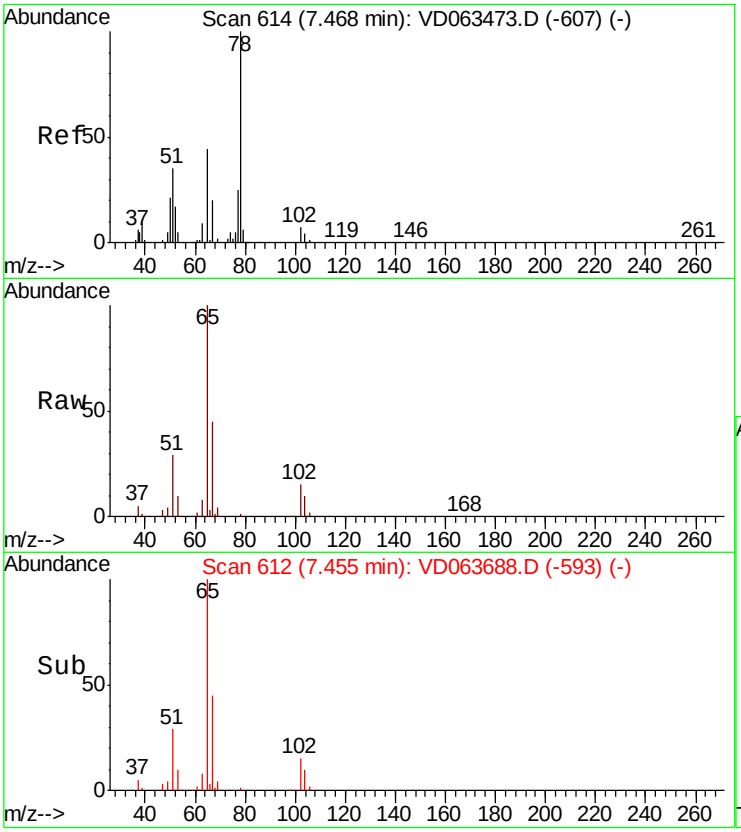


#31
Cyclohexane
Concen: 2.236 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.08 min
Lab File: VD063688.D
Acq: 20 Aug 2019 16:49

Tgt Ion: 56 Resp: 19310

Ion	Ratio	Lower	Upper
56	100		
69	247.7	25.0	37.6#
84	84.2	69.7	104.5



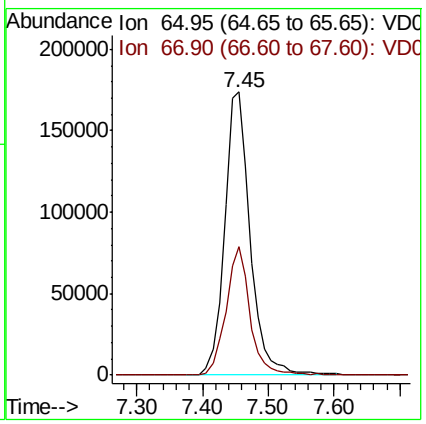


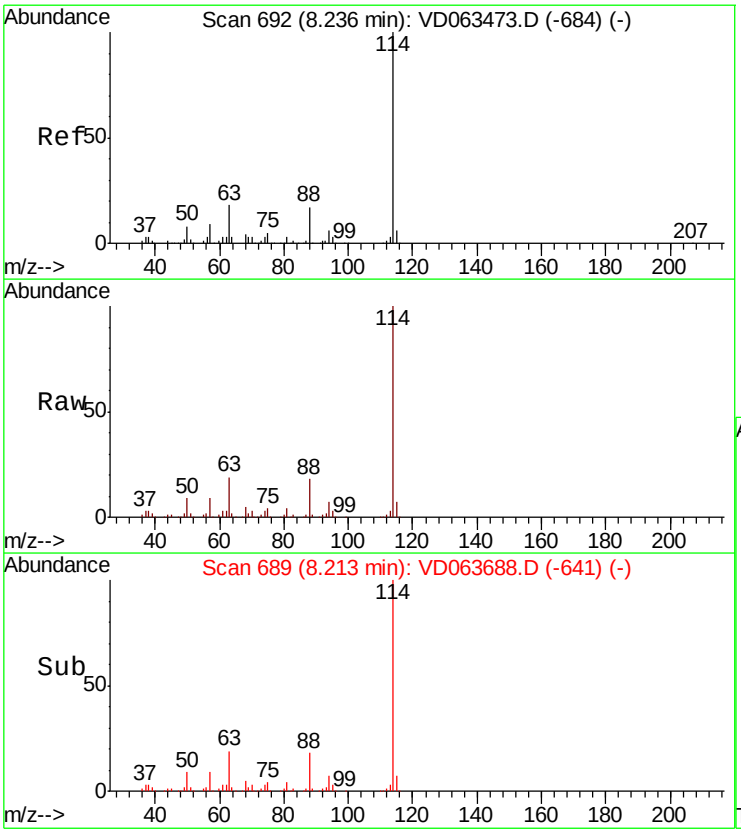
#33
1,2-Dichloroethane-d4
Concen: 49.177 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD063688.D
Acq: 20 Aug 2019 16:49

Instrument :
MSVOA_D
ClientSampleId :
T4-B1-(2)

Tgt Ion: 65 Resp: 470261

Ion	Ratio	Lower	Upper
65	100		
67	45.2	0.0	89.2

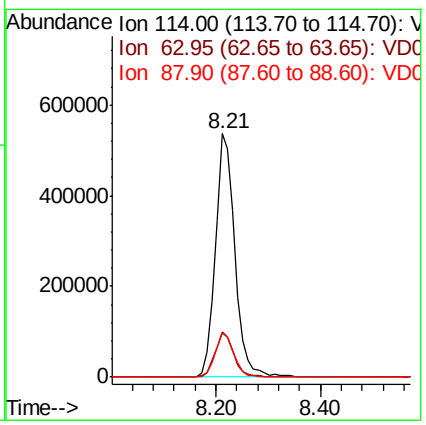


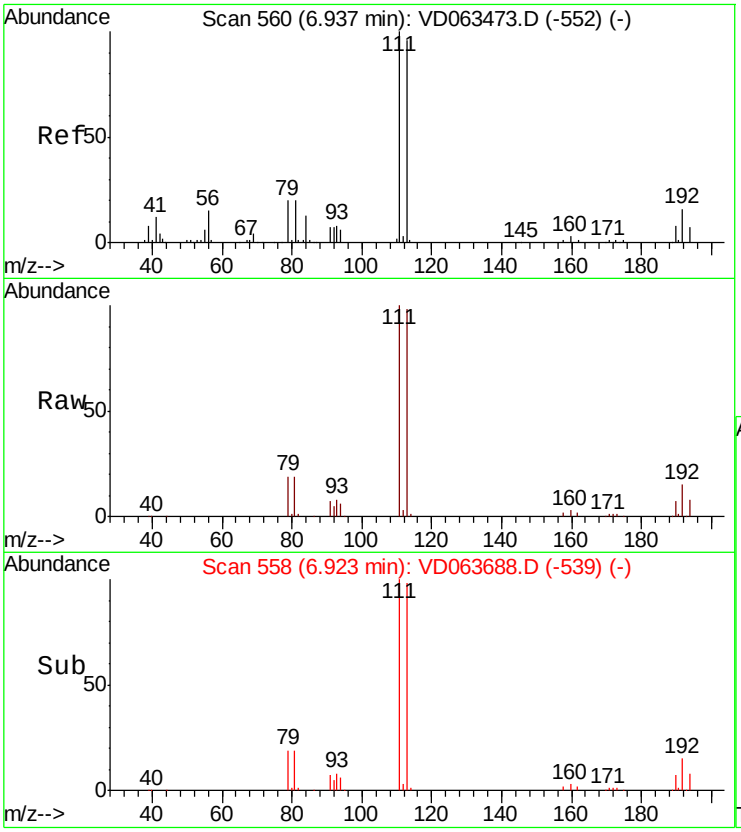


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.21 min Scan# 689
Delta R.T. -0.02 min
Lab File: VD063688.D
Acq: 20 Aug 2019 16:49

Tgt Ion:114 Resp: 1388279

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	36.2
88	18.0	0.0	35.0



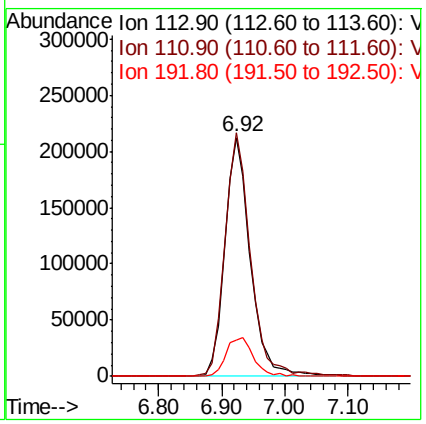


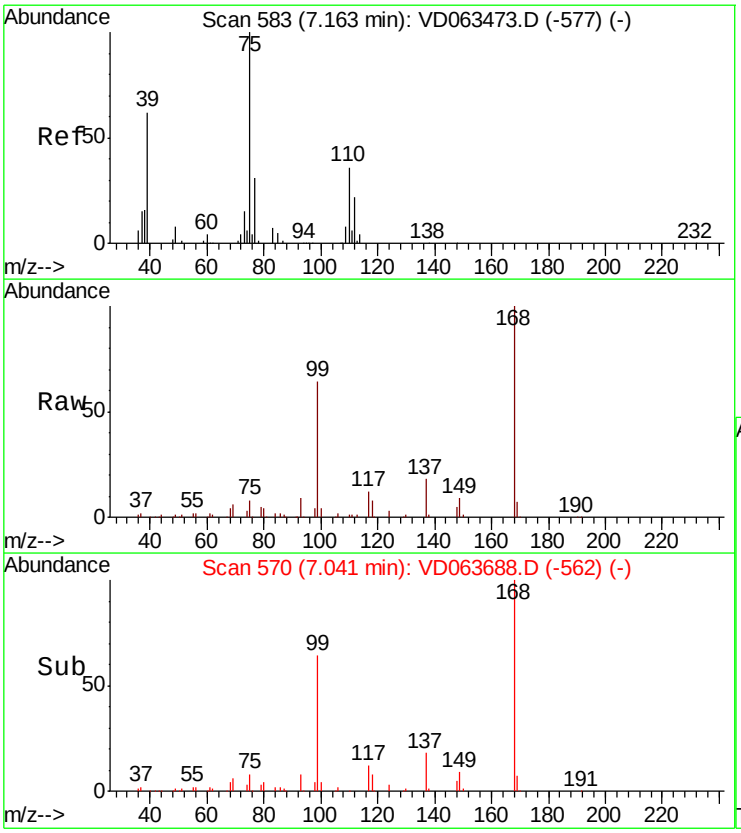
#35
Dibromofluoromethane
Concen: 50.373 ug/l
RT: 6.92 min Scan# 558
Delta R.T. -0.01 min
Lab File: VD063688.D
Acq: 20 Aug 2019 16:49

Instrument :
MSVOA_D
ClientSampleId :
T4-B1-(2)

Tgt Ion:113 Resp: 588967

Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.1	124.7
192	15.4	13.1	19.7

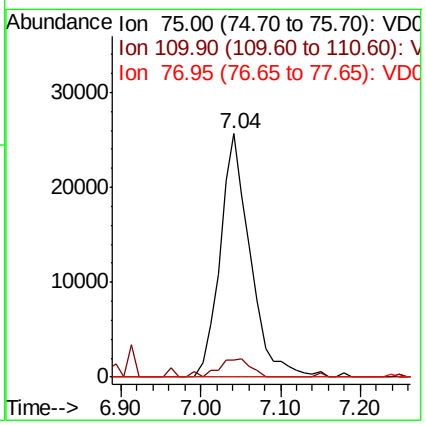


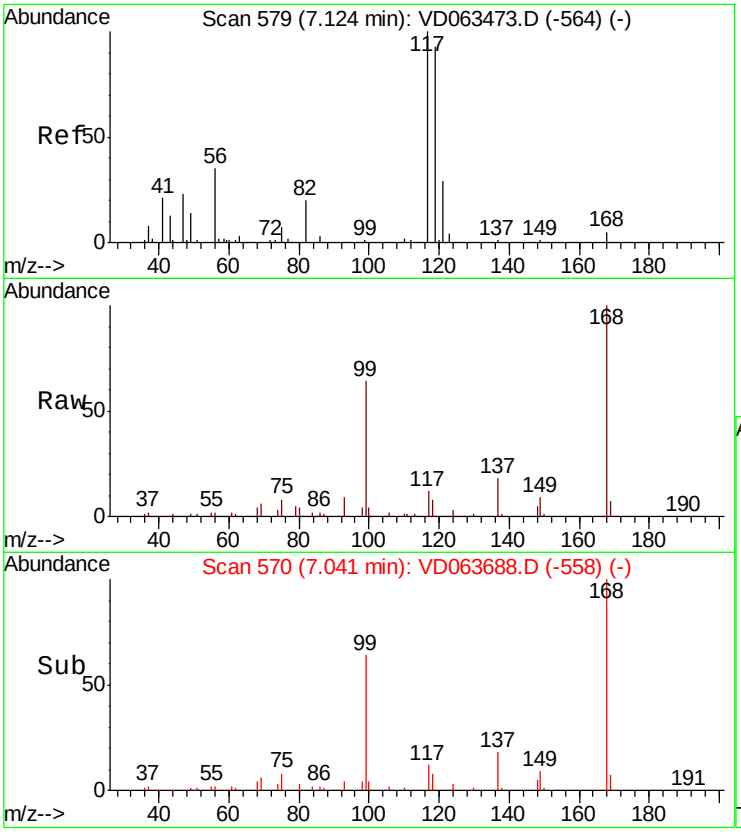


#36
1,1-Dichloropropene
Concen: 5.535 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.12 min
Lab File: VD063688.D
Acq: 20 Aug 2019 16:49

Tgt Ion: 75 Resp: 67930

Ion	Ratio	Lower	Upper
75	100		
110	7.1	17.6	52.8#
77	0.0	24.3	36.5#



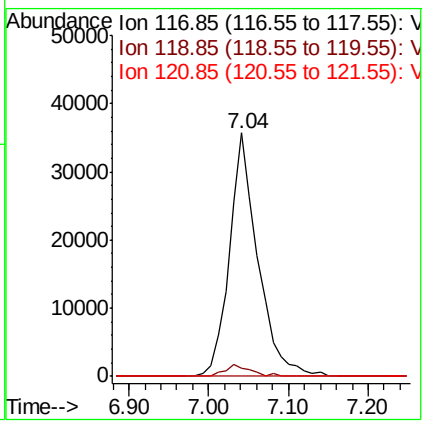


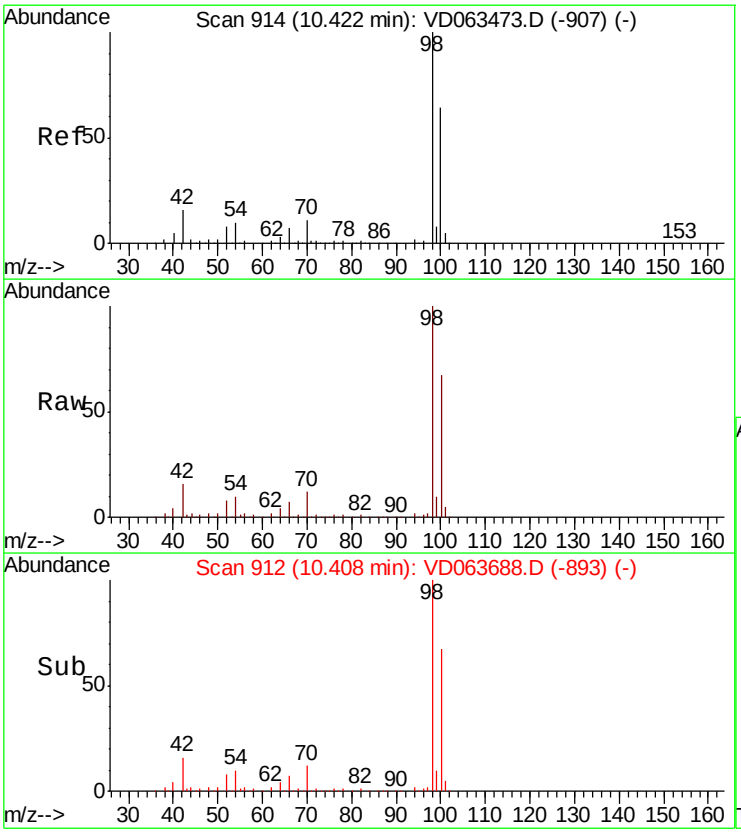
#38
Carbon Tetrachloride
Concen: 4.785 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.08 min
Lab File: VD063688.D
Acq: 20 Aug 2019 16:49

Instrument :
MSVOA_D
ClientSampleId :
T4-B1-(2)

Tgt Ion:117 Resp: 88499

Ion	Ratio	Lower	Upper
117	100		
119	3.4	74.2	111.2#
121	0.0	23.1	34.7#

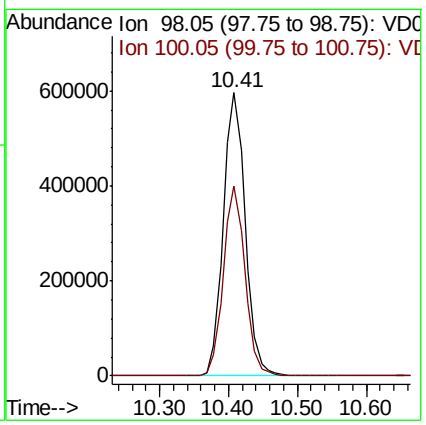


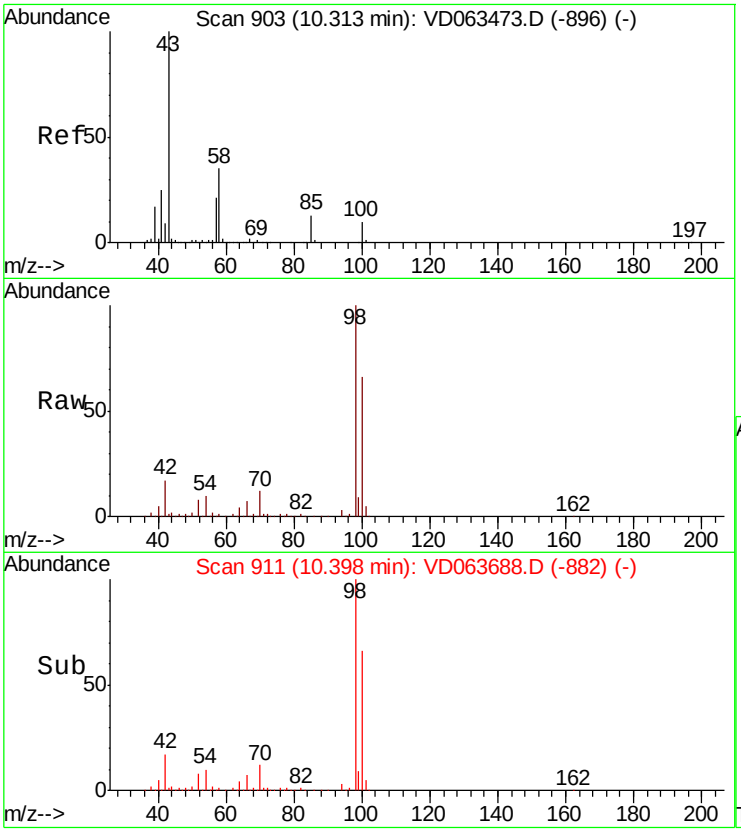


#50
Toluene-d8
Concen: 51.189 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063688.D
Acq: 20 Aug 2019 16:49

Tgt Ion: 98 Resp: 1315860

Ion	Ratio	Lower	Upper
98	100		
100	67.3	51.7	77.5



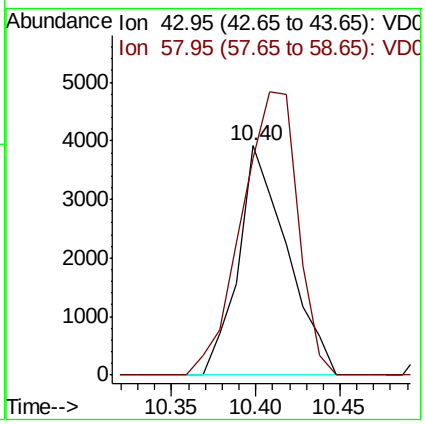


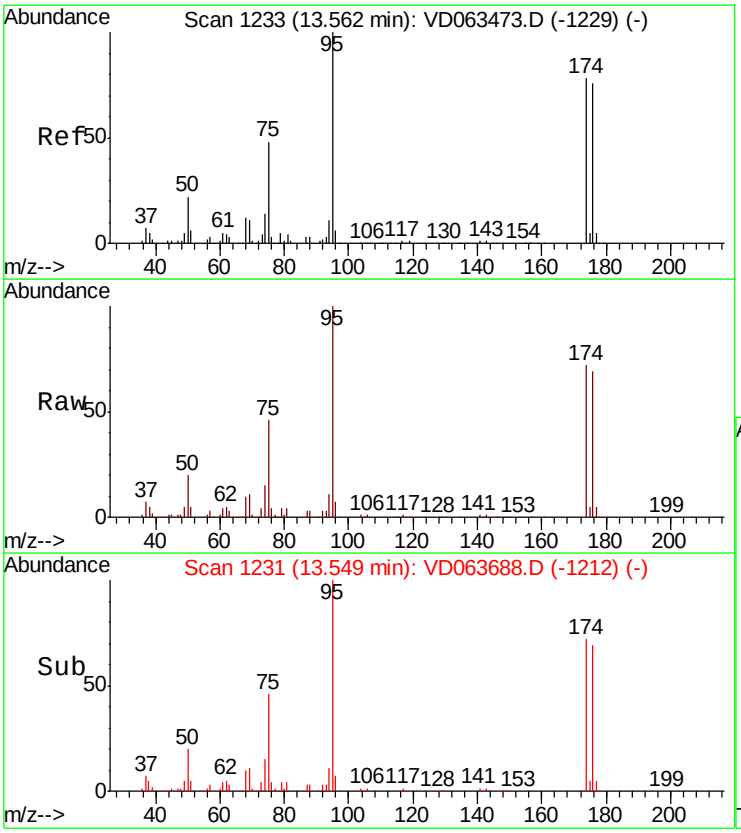
#51
4-Methyl-2-Pentanone
Concen: 1.676 ug/l
RT: 10.40 min Scan# 911
Delta R.T. 0.08 min
Lab File: VD063688.D
Acq: 20 Aug 2019 16:49

Instrument : MSVOA_D
ClientSampleId : T4-B1-(2)

Tgt Ion: 43 Resp: 7897

Ion	Ratio	Lower	Upper
43	100		
58	94.3	28.0	42.0#

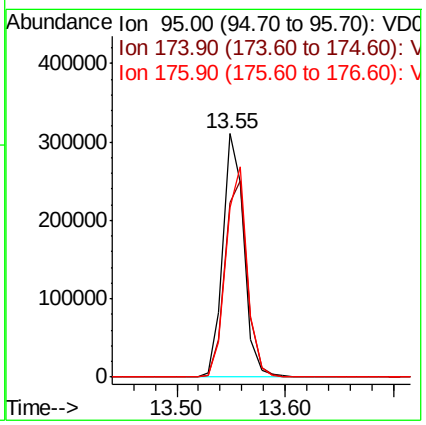


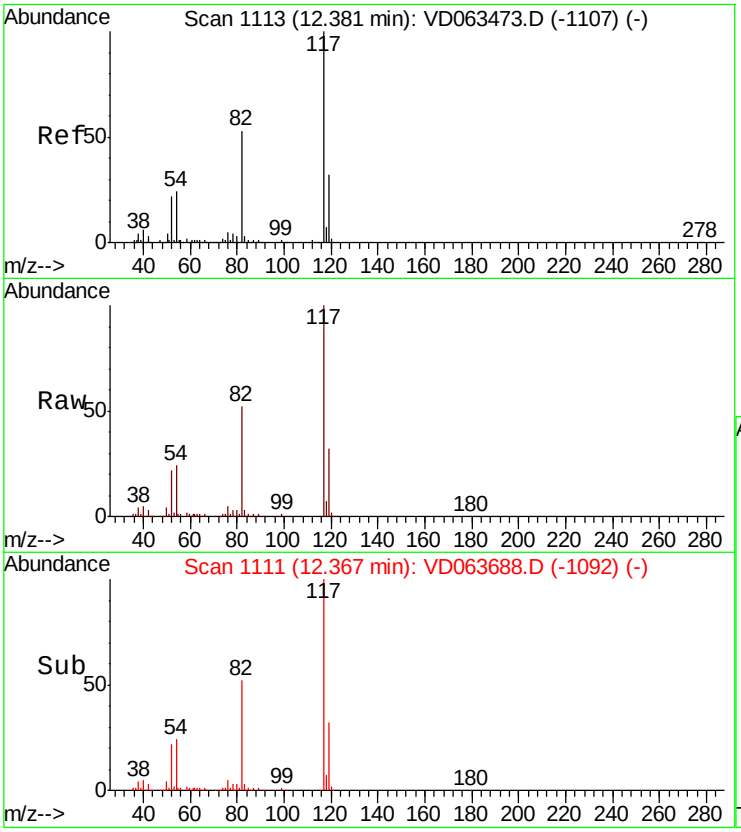


#62
4-Bromofluorobenzene
Concen: 36.045 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063688.D
Acq: 20 Aug 2019 16:49

Tgt Ion: 95 Resp: 419962

Ion	Ratio	Lower	Upper
95	100		
174	71.9	0.0	155.4
176	69.3	0.0	152.4



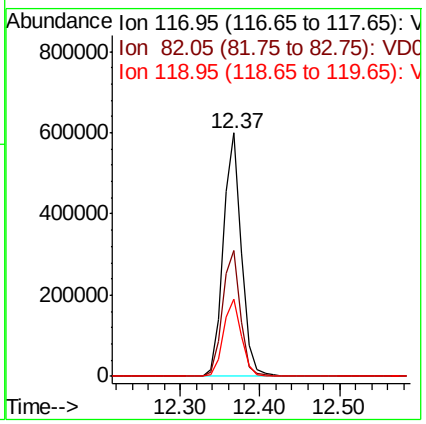


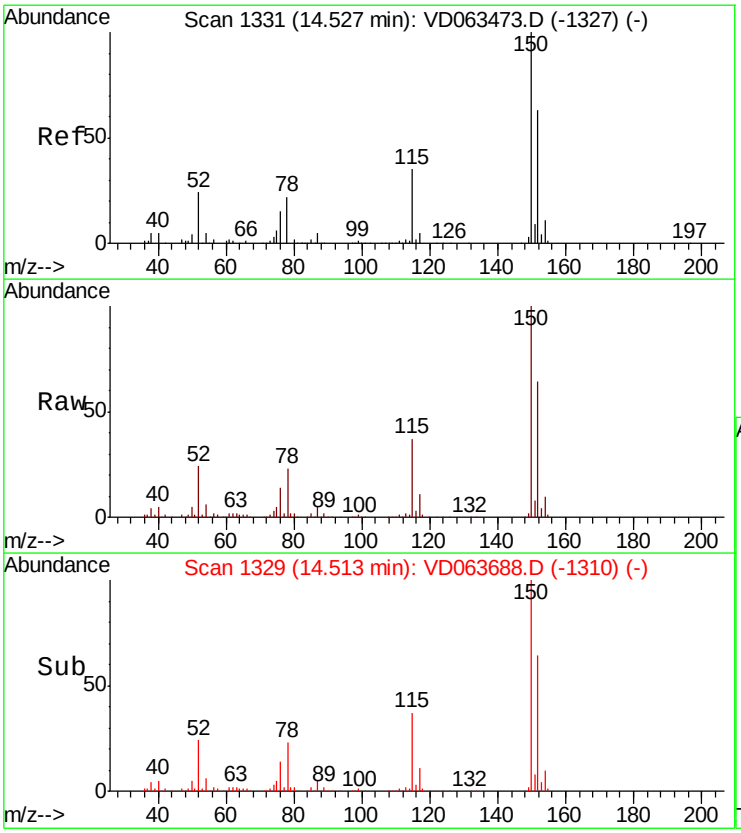
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063688.D
Acq: 20 Aug 2019 16:49

Instrument :
MSVOA_D
ClientSampleId :
T4-B1-(2)

Tgt Ion:117 Resp: 962330

Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.0	63.0
119	31.7	25.4	38.0

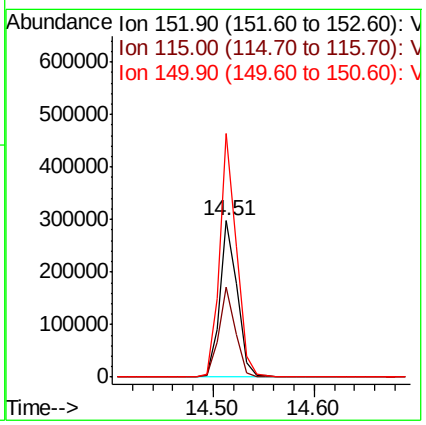


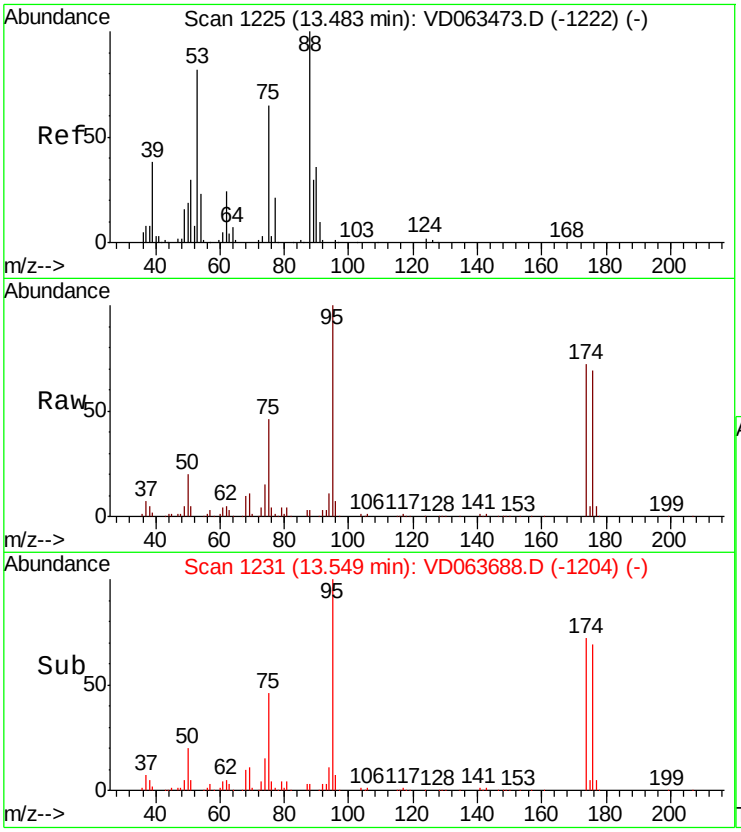


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063688.D
Acq: 20 Aug 2019 16:49

Tgt Ion:152 Resp: 360218

Ion	Ratio	Lower	Upper
152	100		
115	57.4	30.9	92.7
150	155.9	0.0	318.6





#81
trans-1,4-Dichloro-2-butene
Concen: 172.671 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. 0.07 min
Lab File: VD063688.D
Acq: 20 Aug 2019 16:49

Instrument :
MSVOA_D
ClientSampleId :
T4-B1-(2)

Tgt Ion: 75 Resp: 191862

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