Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051419\
Data File : VD062381.D
Acq On : 15 May 2019 8:37
Operator : FY/SY
Sample : K2801-04
Misc : 5.33g/5mL/MSVOA_D/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RBR-200035

Quant Time: May 15 09:54:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	593964	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	827654	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.37	117	623955	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	296455	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	282665	51.21	ug/l	0.05
Spiked Amount 50.000			Recovery = 102.42%			
35) Dibromofluoromethane	6.94	113	318726	46.41	ug/l	0.05
Spiked Amount 50.000			Recovery = 92.82%			
50) Toluene-d8	10.43	98	572709	34.59	ug/l	0.03
Spiked Amount 50.000			Recovery = 69.18%			
62) 4-Bromofluorobenzene	13.56	95	241847	36.37	ug/l	0.02
Spiked Amount 50.000			Recovery = 72.74%			
Target Compounds						Qvalue
5) Bromomethane	2.14	94	2312	2.446	ug/l #	12
11) Tert butyl alcohol	4.01	59	12813	45.476	ug/l #	76
16) Acetone	3.24	43	1194	1.031	ug/l #	50
18) Methyl Acetate	3.61	43	223	Below Cal	#	53
20) Methylene Chloride	3.84	84	29667	6.138	ug/l	92
31) Cyclohexane	7.06	56	14740	2.545	ug/l #	10
36) 1,1-Dichloropropene	7.07	75	53668	7.909	ug/l #	47
37) Ethyl Acetate	6.17	43	4286	1.489	ug/l #	1
38) Carbon Tetrachloride	7.07	117	65157	6.937	ug/l #	16
51) 4-Methyl-2-Pentanone	10.43	43	3427	1.306	ug/l #	1
76) 1,2,3-Trichloropropane	13.56	75	105956	30.074	ug/l #	45
81) trans-1,4-Dichloro-2-buten	13.56	75	113678	114.295	ug/l #	16

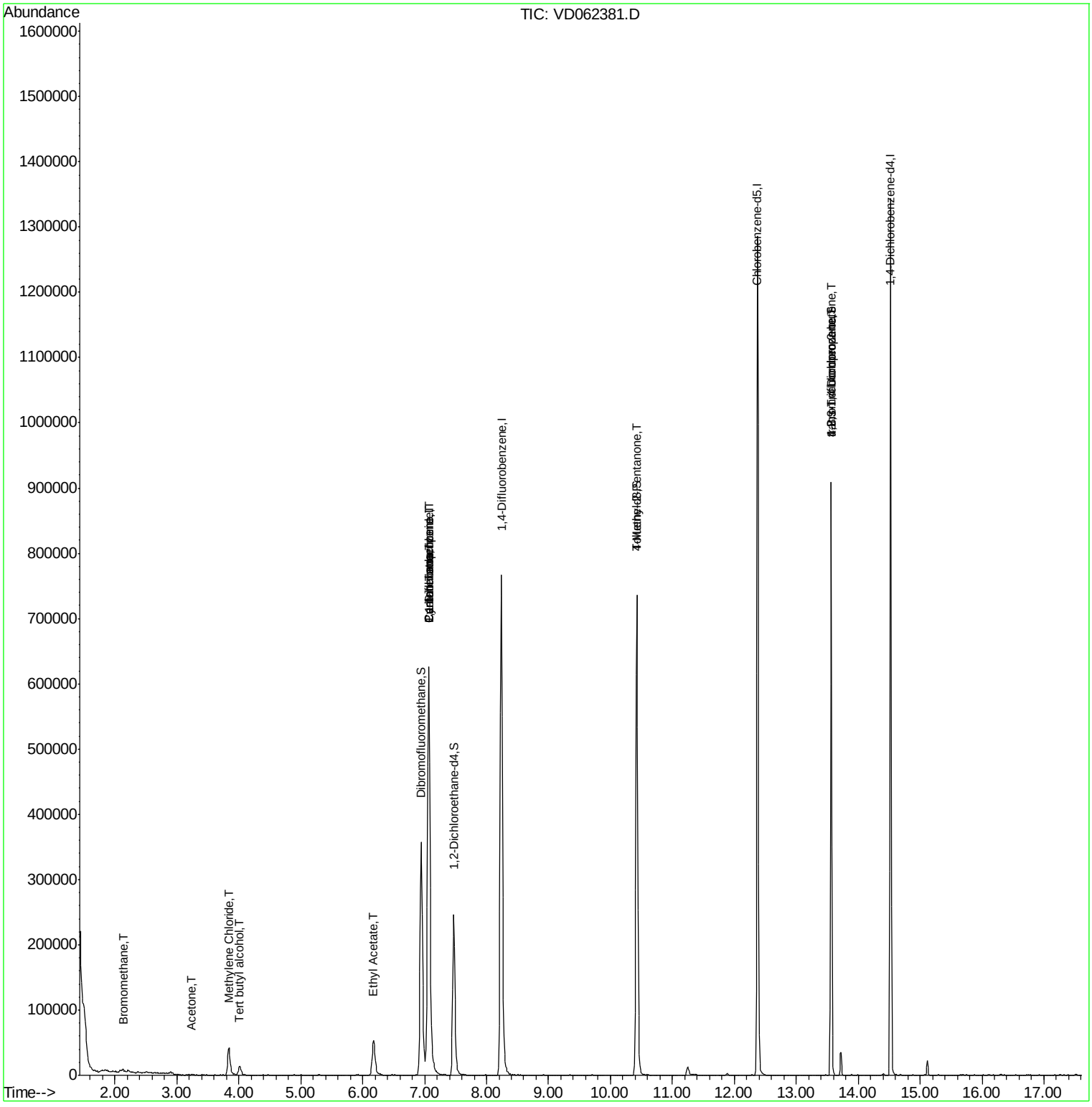
(#) = qualifier out of range (m) = manual integration (+) = signals summed

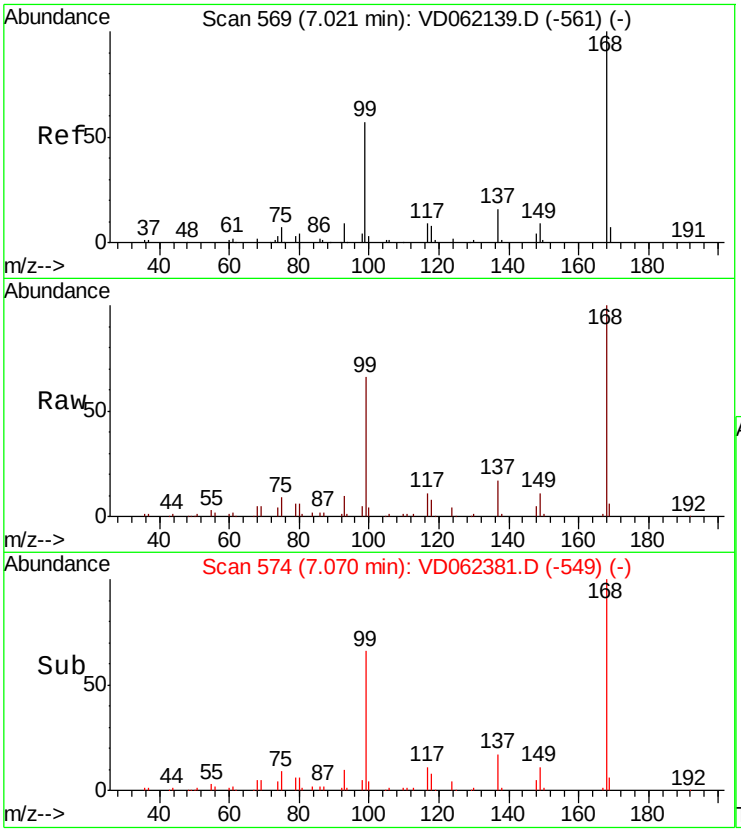
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051419\
Data File : VD062381.D
Acq On : 15 May 2019 8:37
Operator : FY/SY
Sample : K2801-04
Misc : 5.33g/5mL/MSVOA_D/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RBR-200035

Quant Time: May 15 09:54:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration



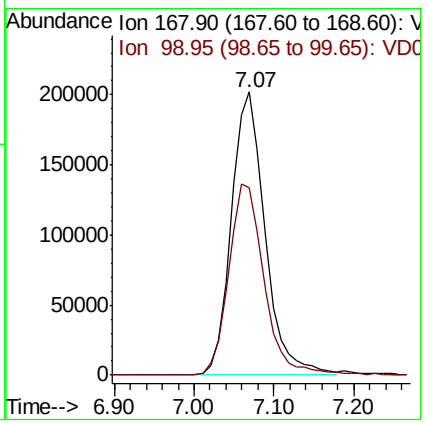


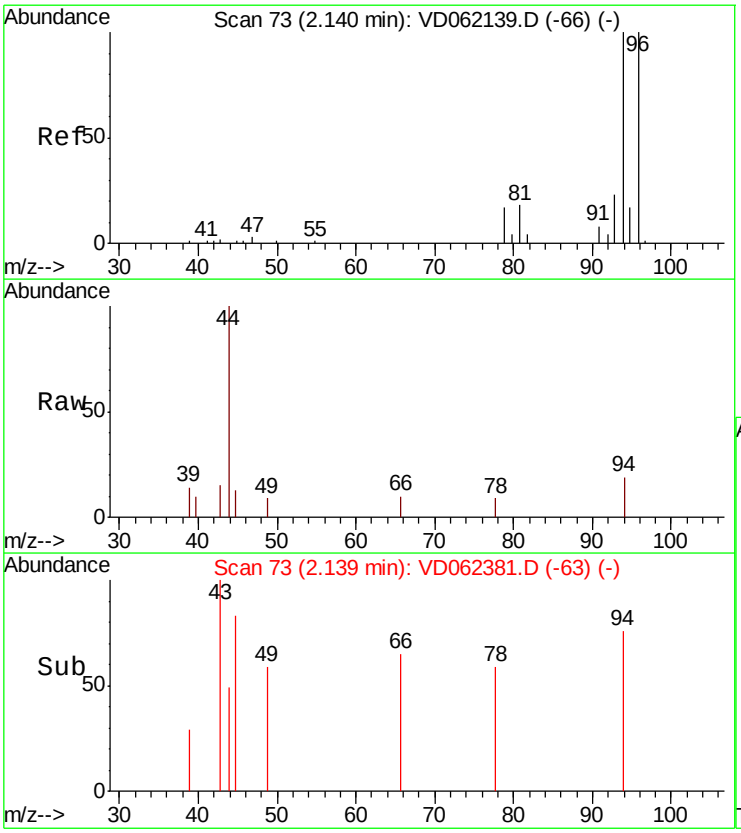
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.07 min Scan# 574
Delta R.T. 0.05 min
Lab File: VD062381.D
Acq: 15 May 2019 8:37

Instrument :
MSVOA_D
ClientSampleId :
RBR-200035

Tgt Ion:168 Resp: 593964

Ion	Ratio	Lower	Upper
168	100		
99	66.0	46.5	69.7

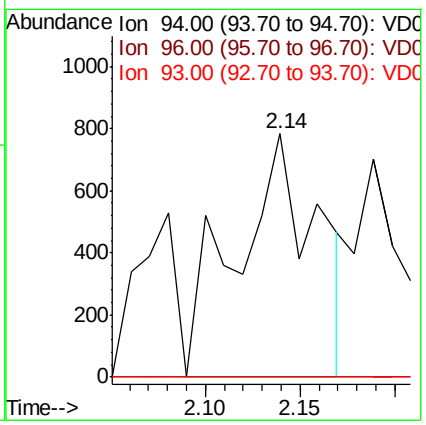


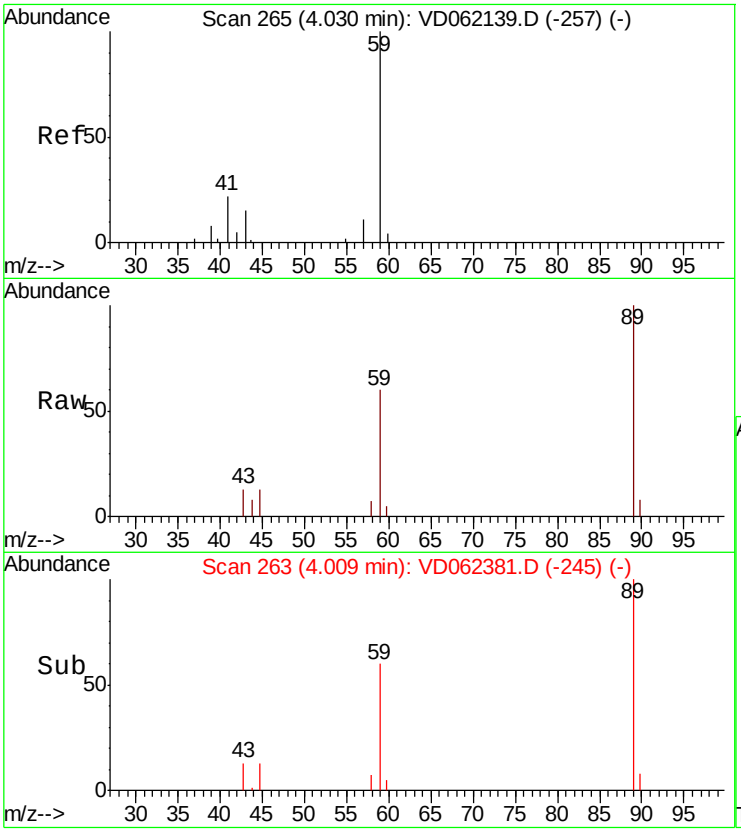


#5
Bromomethane
Concen: 2.446 ug/l
RT: 2.14 min Scan# 73
Delta R.T. -0.00 min
Lab File: VD062381.D
Acq: 15 May 2019 8:37

Tgt Ion: 94 Resp: 2312

Ion	Ratio	Lower	Upper
94	100		
96	0.0	76.6	115.0#
93	0.0	18.5	27.7#



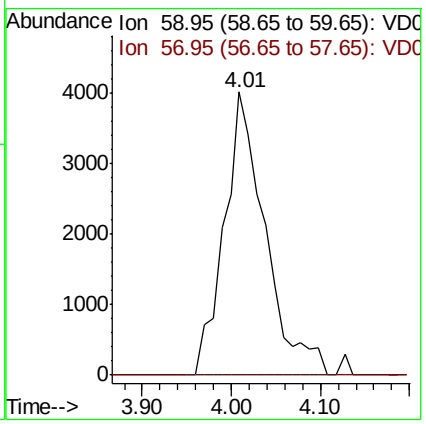


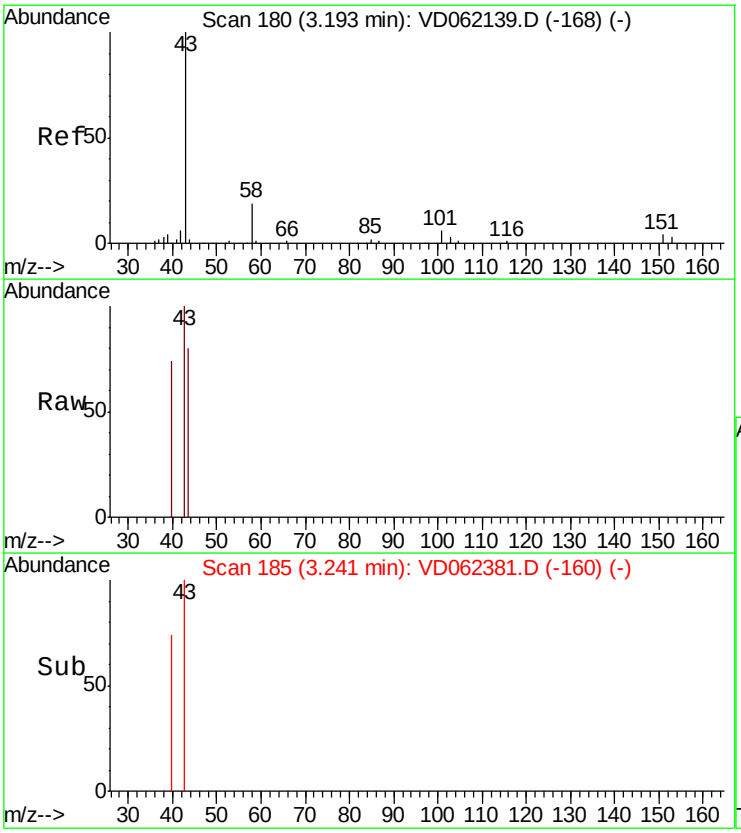
#11
Tert butyl alcohol
Concen: 45.476 ug/l
RT: 4.01 min Scan# 263
Delta R.T. -0.02 min
Lab File: VD062381.D
Acq: 15 May 2019 8:37

Instrument :
MSVOA_D
ClientSampleId :
RBR-200035

Tgt Ion: 59 Resp: 12813

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.9	10.3#

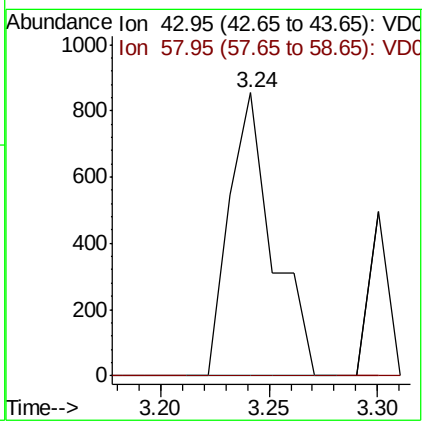


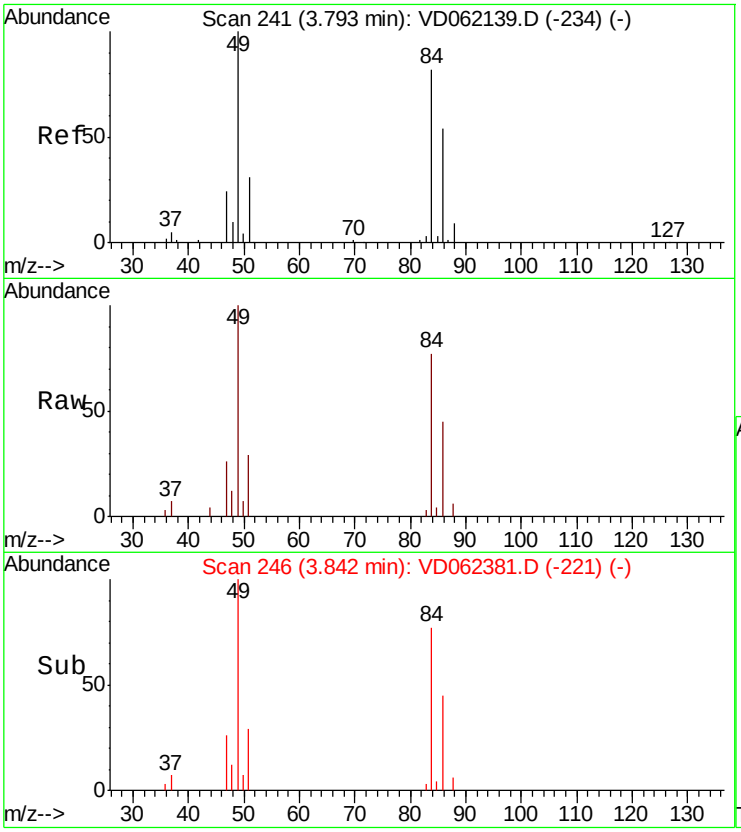


#16
Acetone
Concen: 1.031 ug/l
RT: 3.24 min Scan# 185
Delta R.T. 0.05 min
Lab File: VD062381.D
Acq: 15 May 2019 8:37

Tgt Ion: 43 Resp: 1194

Ion	Ratio	Lower	Upper
43	100		
58	0.0	19.9	29.9#



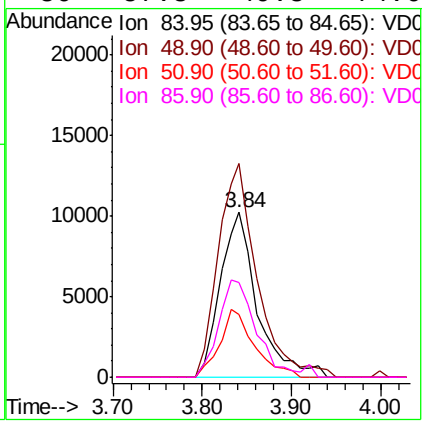


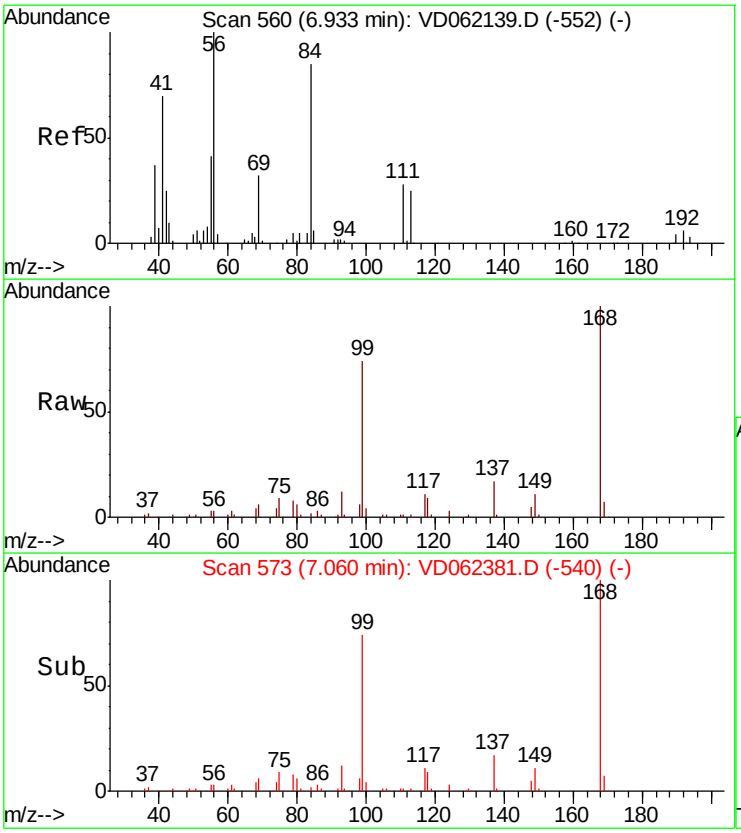
#20
Methylene Chloride
Concen: 6.138 ug/l
RT: 3.84 min Scan# 246
Delta R.T. 0.05 min
Lab File: VD062381.D
Acq: 15 May 2019 8:37

Instrument : MSVOA_D
ClientSampleId : RBR-200035

Tgt Ion: 84 Resp: 29667

Ion	Ratio	Lower	Upper
84	100		
49	129.6	94.0	141.0
51	38.0	29.0	43.4
86	57.8	49.8	74.6

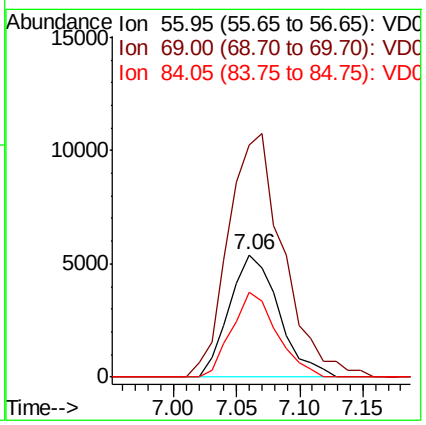


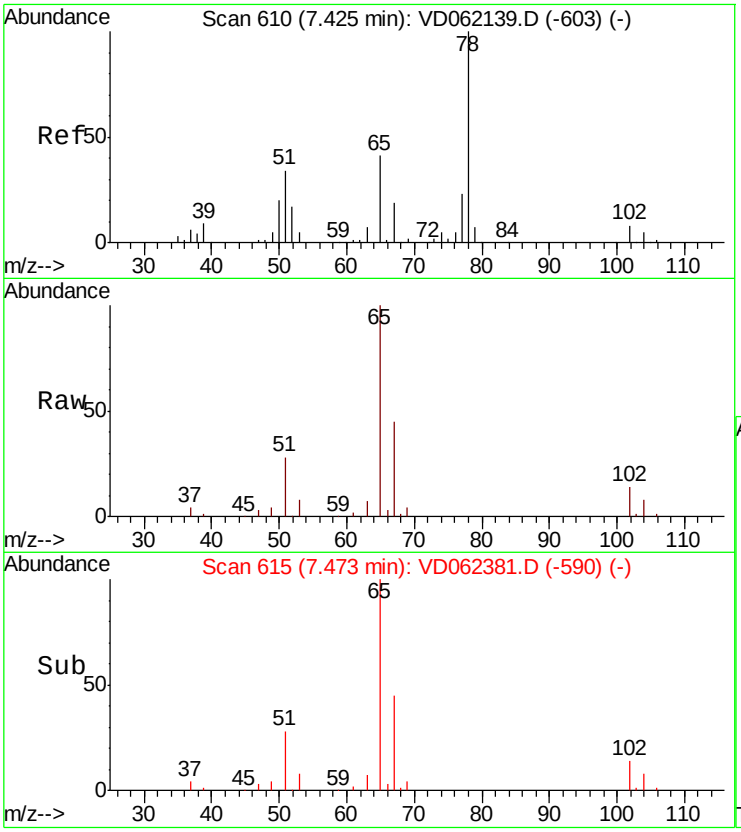


#31
Cyclohexane
Concen: 2.545 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.13 min
Lab File: VD062381.D
Acq: 15 May 2019 8:37

Tgt Ion: 56 Resp: 14740

Ion	Ratio	Lower	Upper
56	100		
69	189.3	25.8	38.6#
84	69.3	72.2	108.4#



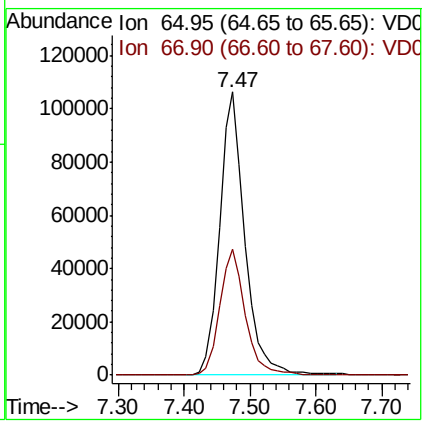


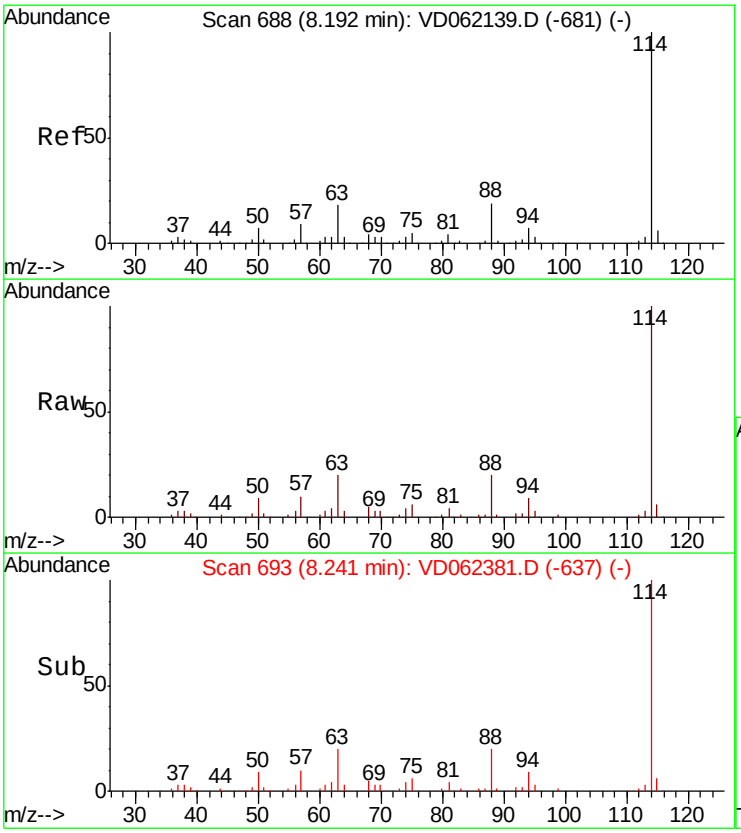
#33
1,2-Dichloroethane-d4
Concen: 51.209 ug/l
RT: 7.47 min Scan# 615
Delta R.T. 0.05 min
Lab File: VD062381.D
Acq: 15 May 2019 8:37

Instrument : MSVOA_D
ClientSampleId : RBR-200035

Tgt Ion: 65 Resp: 282665

Ion	Ratio	Lower	Upper
65	100		
67	44.6	0.0	98.0

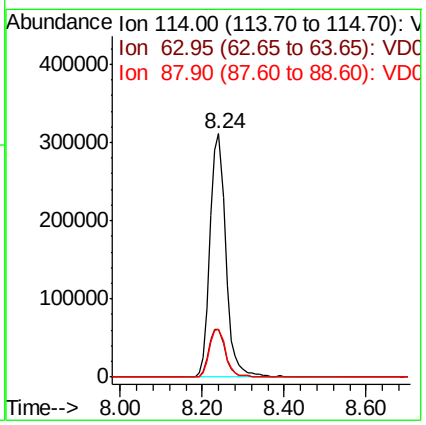


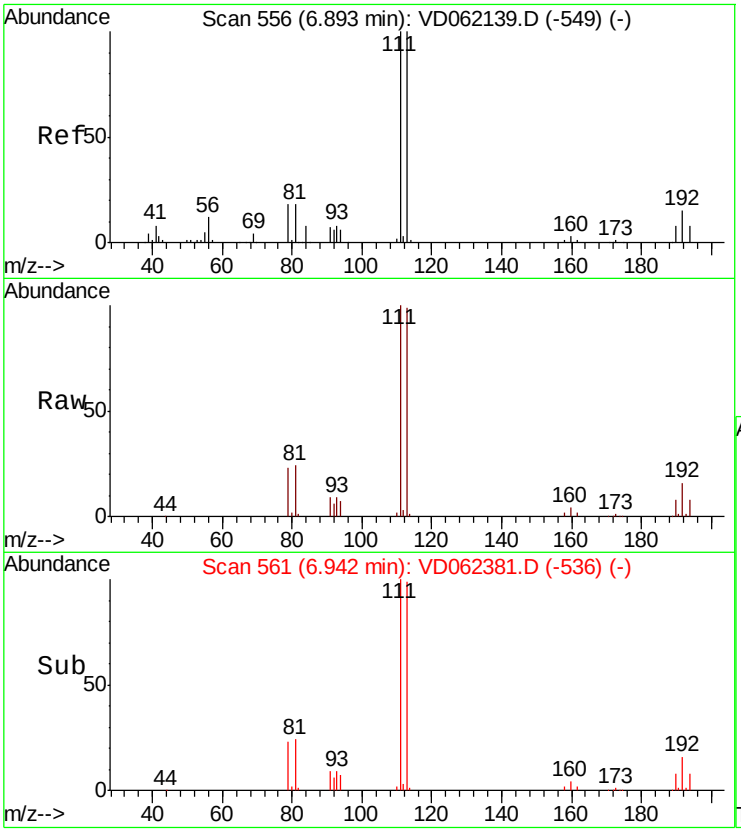


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.24 min Scan# 693
Delta R.T. 0.05 min
Lab File: VD062381.D
Acq: 15 May 2019 8:37

Tgt Ion:114 Resp: 827654

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	32.4
88	19.5	0.0	33.6



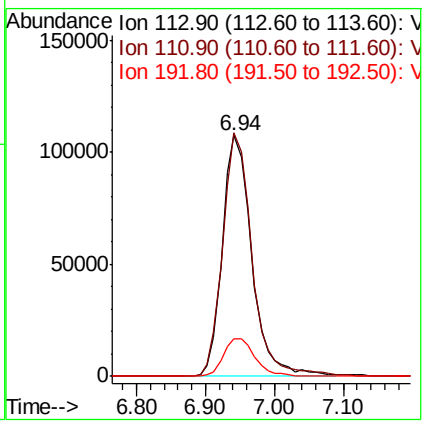


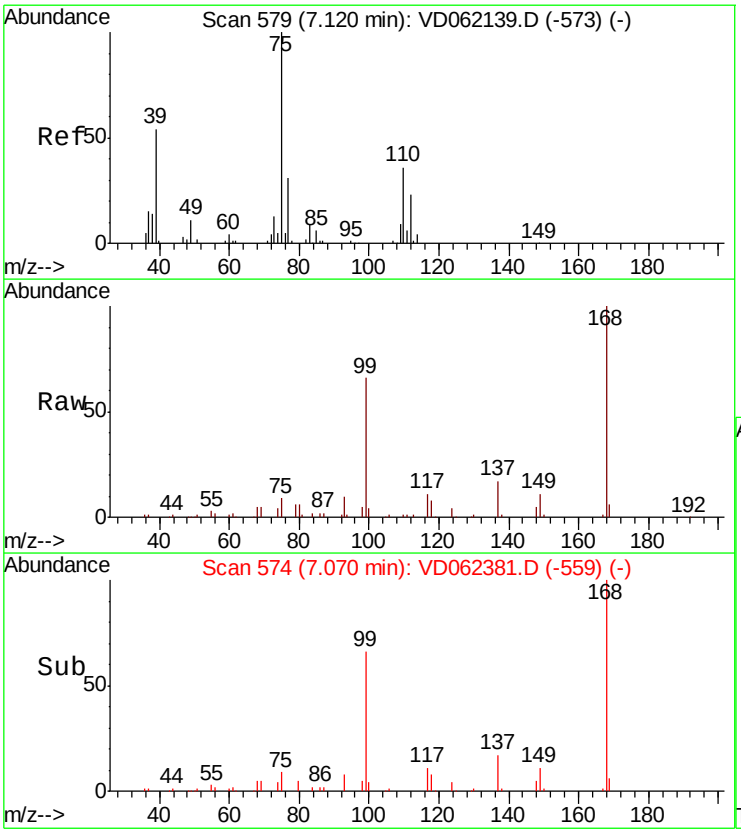
#35
Dibromofluoromethane
Concen: 46.413 ug/l
RT: 6.94 min Scan# 561
Delta R.T. 0.05 min
Lab File: VD062381.D
Acq: 15 May 2019 8:37

Instrument :
MSVOA_D
ClientSampleId :
RBR-200035

Tgt Ion:113 Resp: 318726

Ion	Ratio	Lower	Upper
113	100		
111	101.2	78.5	117.7
192	15.8	13.0	19.4

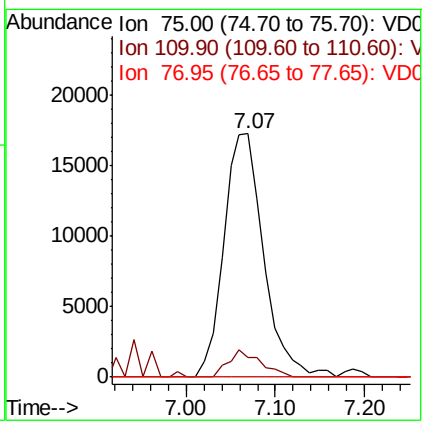


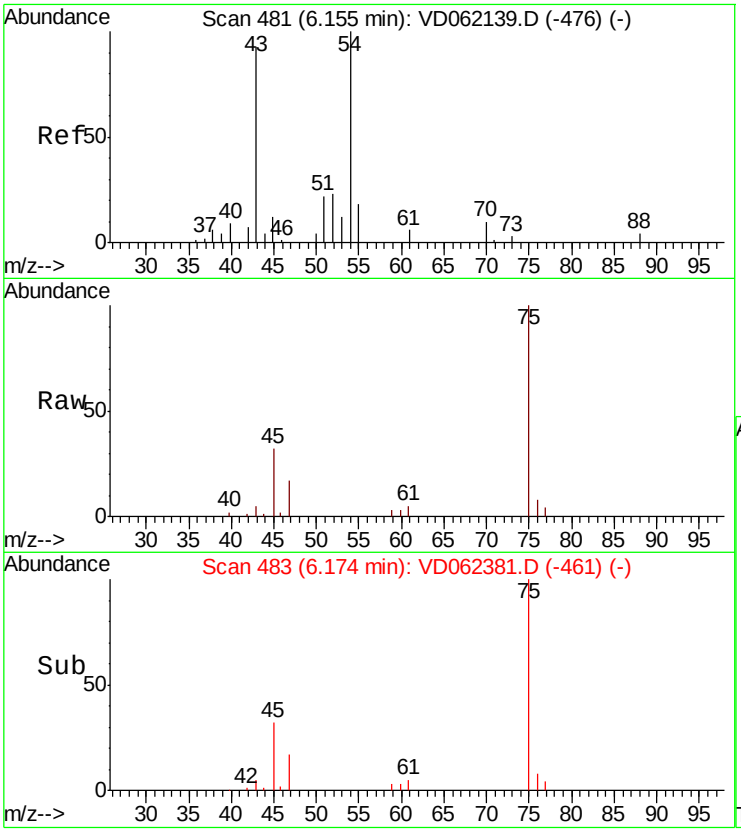


#36
1,1-Dichloropropene
Concen: 7.909 ug/l
RT: 7.07 min Scan# 574
Delta R.T. -0.05 min
Lab File: VD062381.D
Acq: 15 May 2019 8:37

Tgt Ion: 75 Resp: 53668

Ion	Ratio	Lower	Upper
75	100		
110	7.9	19.1	57.1#
77	0.0	25.6	38.4#



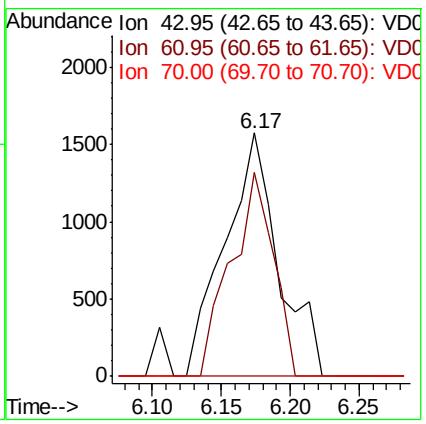


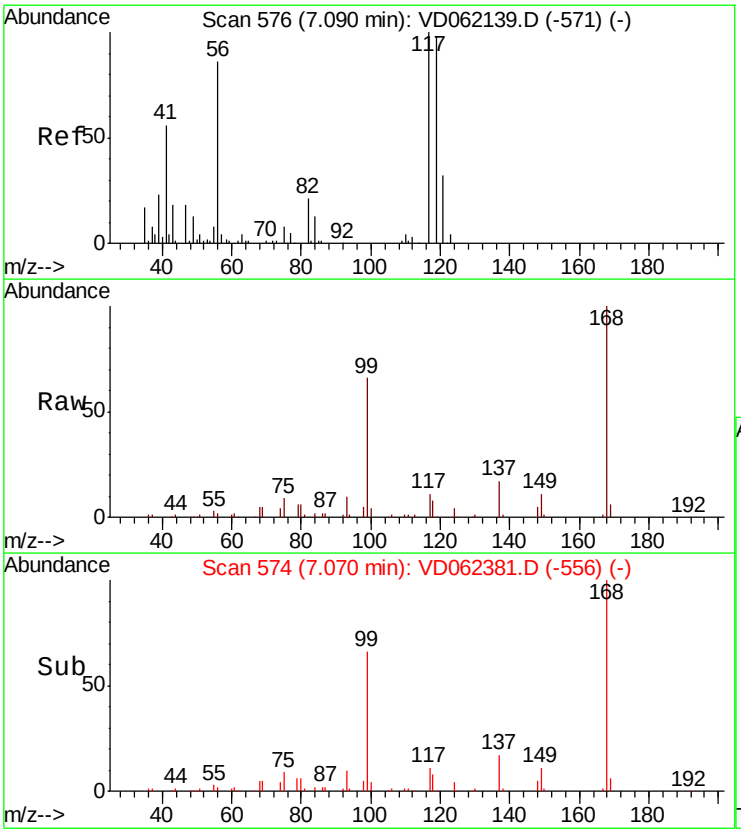
#37
Ethyl Acetate
Concen: 1.489 ug/l
RT: 6.17 min Scan# 483
Delta R.T. 0.02 min
Lab File: VD062381.D
Acq: 15 May 2019 8:37

Instrument :
MSVOA_D
ClientSampleId :
RBR-200035

Tgt Ion: 43 Resp: 4286

Ion	Ratio	Lower	Upper
43	100		
61	83.9	14.7	22.1#
70	0.0	7.8	11.6#

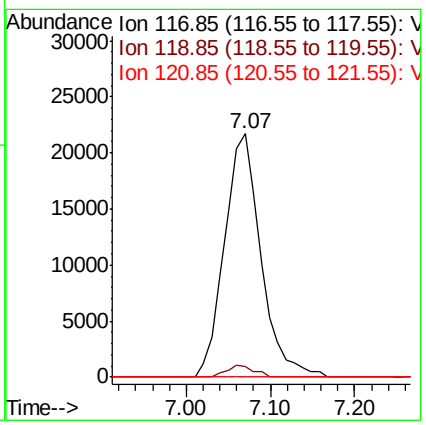


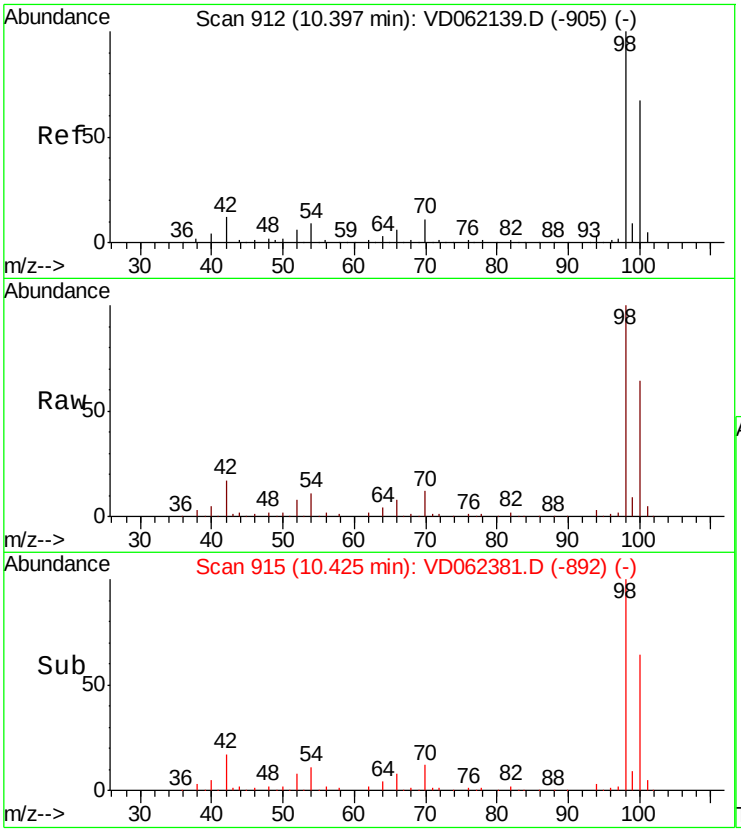


#38
Carbon Tetrachloride
Concen: 6.937 ug/l
RT: 7.07 min Scan# 574
Delta R.T. -0.02 min
Lab File: VD062381.D
Acq: 15 May 2019 8:37

Tgt Ion:117 Resp: 65157

Ion	Ratio	Lower	Upper
117	100		
119	4.3	75.8	113.8#
121	0.0	25.9	38.9#



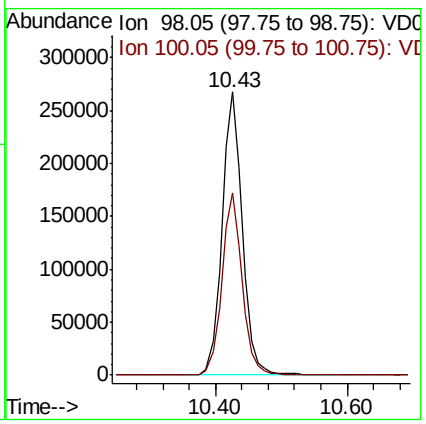


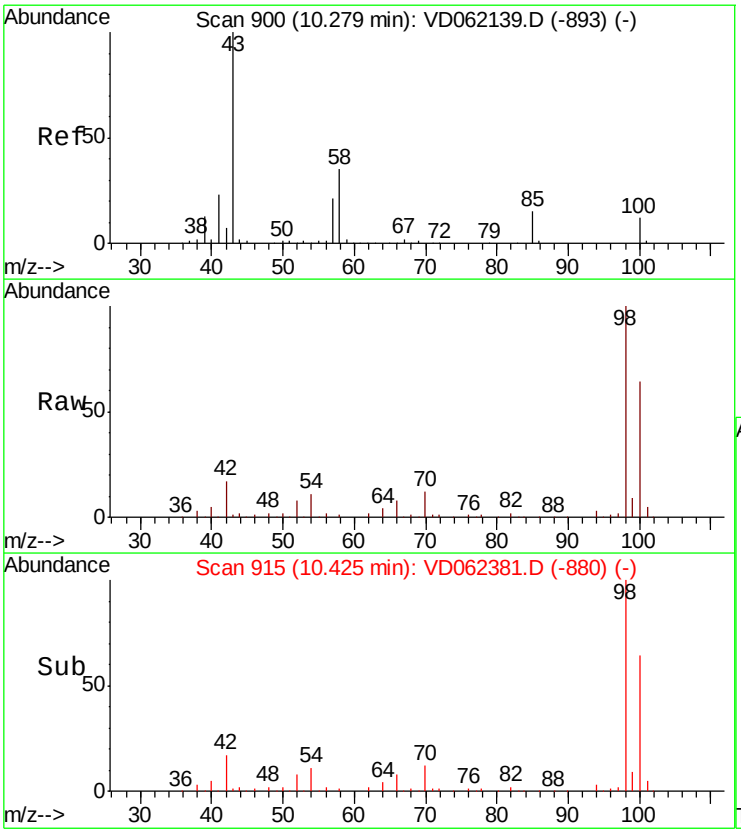
#50
Toluene-d8
Concen: 34.590 ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.03 min
Lab File: VD062381.D
Acq: 15 May 2019 8:37

Instrument : MSVOA_D
ClientSampleId : RBR-200035

Tgt Ion: 98 Resp: 572709

Ion	Ratio	Lower	Upper
98	100		
100	64.4	53.8	80.8

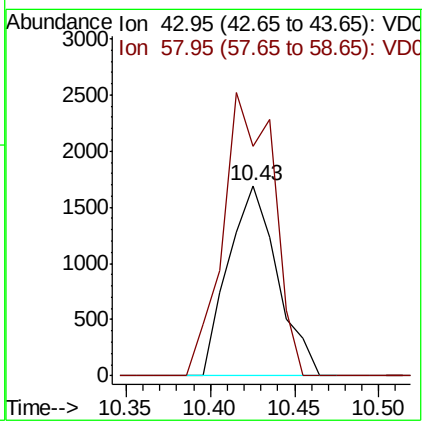


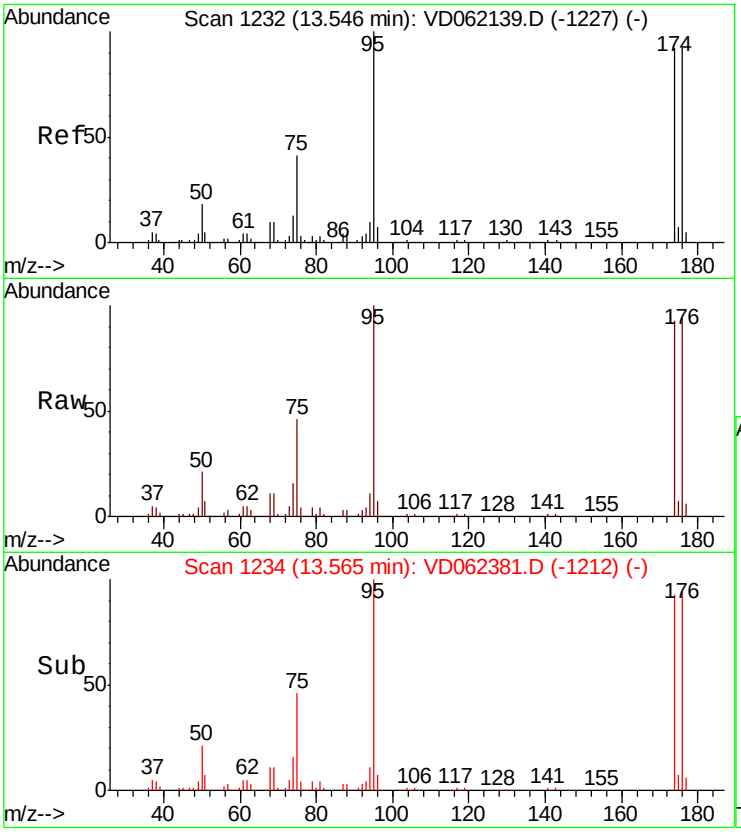


#51
4-Methyl-2-Pentanone
Concen: 1.306 ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.15 min
Lab File: VD062381.D
Acq: 15 May 2019 8:37

Tgt Ion: 43 Resp: 3427

Ion	Ratio	Lower	Upper
43	100		
58	120.5	30.4	45.6#



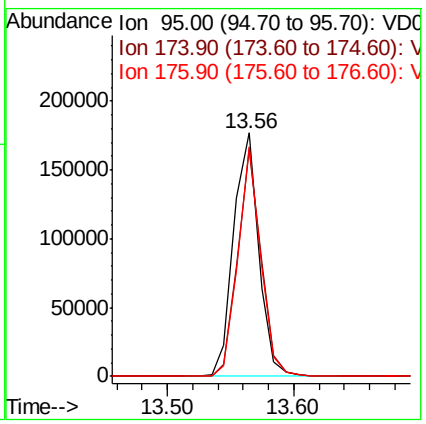


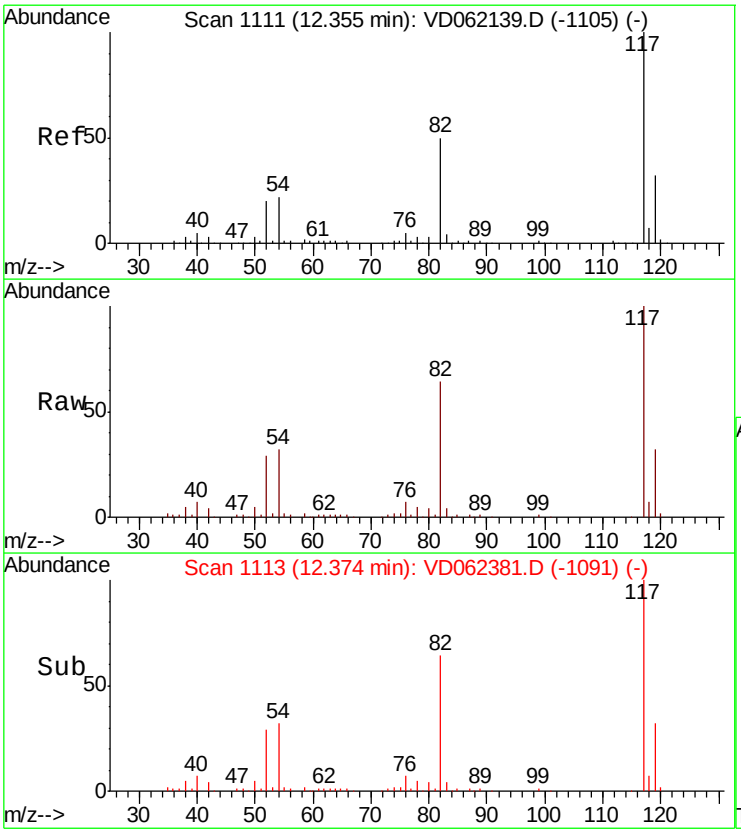
#62
4-Bromofluorobenzene
Concen: 36.375 ug/l
RT: 13.56 min Scan# 1234
Delta R.T. 0.02 min
Lab File: VD062381.D
Acq: 15 May 2019 8:37

Instrument : MSVOA_D
ClientSampleId : RBR-200035

Tgt Ion: 95 Resp: 241847

Ion	Ratio	Lower	Upper
95	100		
174	93.4	0.0	181.8
176	94.2	0.0	174.4

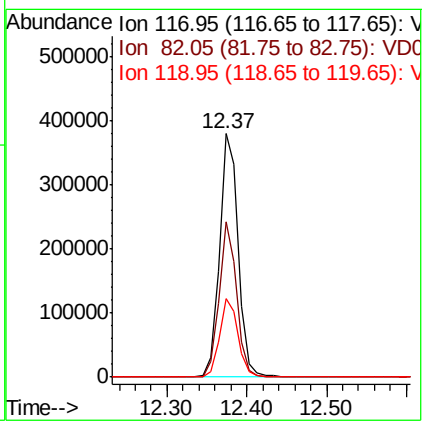


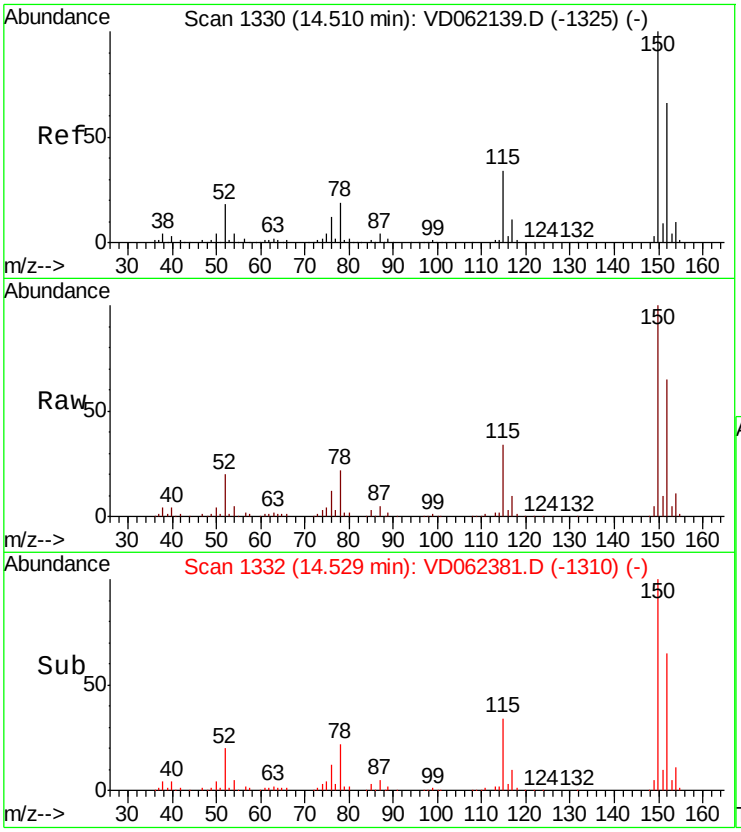


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062381.D
Acq: 15 May 2019 8:37

Tgt Ion:117 Resp: 623955

Ion	Ratio	Lower	Upper
117	100		
82	63.9	36.2	54.2#
119	32.4	26.2	39.4



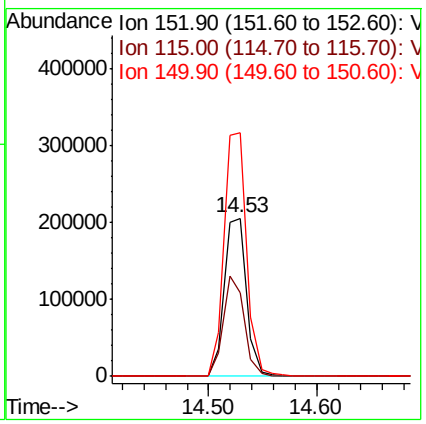


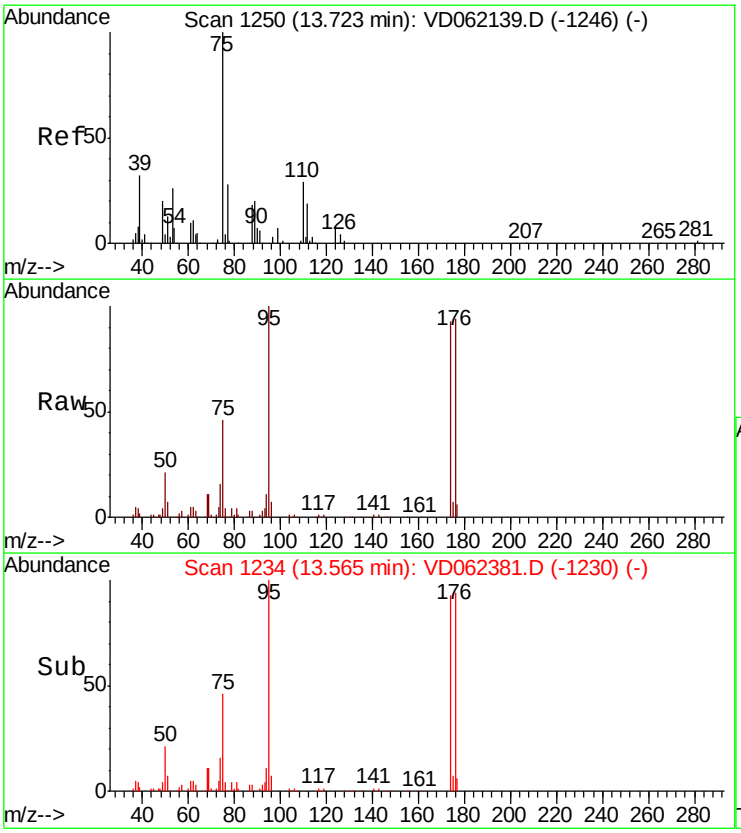
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. 0.02 min
Lab File: VD062381.D
Acq: 15 May 2019 8:37

Instrument : MSVOA_D
ClientSampleId : RBR-200035

Tgt Ion:152 Resp: 296455

Ion	Ratio	Lower	Upper
152	100		
115	52.5	30.9	92.7
150	153.7	0.0	314.8

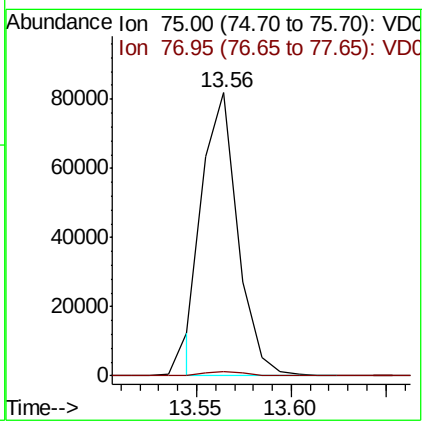


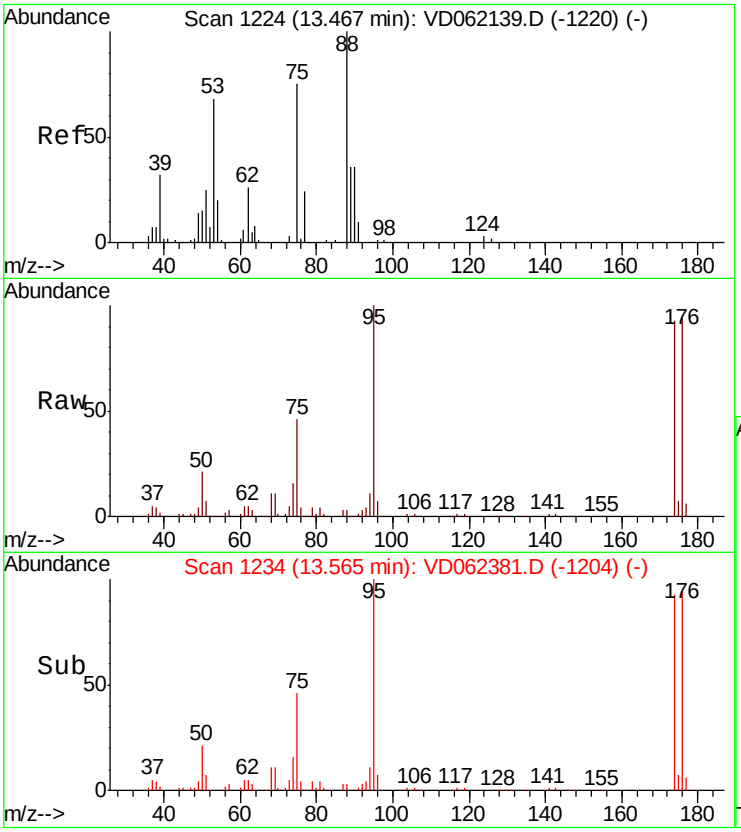


#76
1,2,3-Trichloropropane
Concen: 30.074 ug/l
RT: 13.56 min Scan# 1234
Delta R.T. -0.16 min
Lab File: VD062381.D
Acq: 15 May 2019 8:37

Tgt Ion: 75 Resp: 105956

Ion	Ratio	Lower	Upper
75	100		
77	1.7	16.4	49.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 114.295 ug/l
RT: 13.56 min Scan# 1234
Delta R.T. 0.10 min
Lab File: VD062381.D
Acq: 15 May 2019 8:37

Instrument :
MSVOA_D
ClientSampleId :
RBR-200035

Tgt Ion: 75 Resp: 113678

Ion	Ratio	Lower	Upper
75	100		
53	0.0	65.8	98.8#
89	0.0	35.0	52.6#