Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051419\
Data File : VD062377.D
Acq On : 15 May 2019 6:46
Operator : FY/SY
Sample : K2779-01
Misc : 6.84g/5mL/MSVOA_D/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RT-5124

Quant Time: May 15 08:53:59 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	643491	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.24	114	890376	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	673450	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	337844	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	288131	48.18	ug/l	0.04
Spiked Amount 50.000			Recovery = 96.36%			
35) Dibromofluoromethane	6.94	113	308078	41.70	ug/l	0.04
Spiked Amount 50.000			Recovery = 83.40%			
50) Toluene-d8	10.42	98	616312	34.60	ug/l	0.02
Spiked Amount 50.000			Recovery = 69.20%			
62) 4-Bromofluorobenzene	13.56	95	274247	38.34	ug/l	0.01
Spiked Amount 50.000			Recovery = 76.68%			
Target Compounds						Qvalue
5) Bromomethane	2.15	94	1074	1.049	ug/l #	12
11) Tert butyl alcohol	4.06	59	760	2.490	ug/l #	76
16) Acetone	3.24	43	65642	52.343	ug/l #	83
20) Methylene Chloride	3.84	84	18412	3.516	ug/l	93
31) Cyclohexane	7.07	56	15849	2.526	ug/l #	5
36) 1,1-Dichloropropene	7.06	75	53410	7.316	ug/l #	47
38) Carbon Tetrachloride	7.07	117	69700	6.898	ug/l #	15
51) 4-Methyl-2-Pentanone	10.42	43	3270	1.159	ug/l #	1
76) 1,2,3-Trichloropropane	13.56	75	122896	30.609	ug/l #	45
81) trans-1,4-Dichloro-2-buten	13.56	75	125241	110.495	ug/l #	16

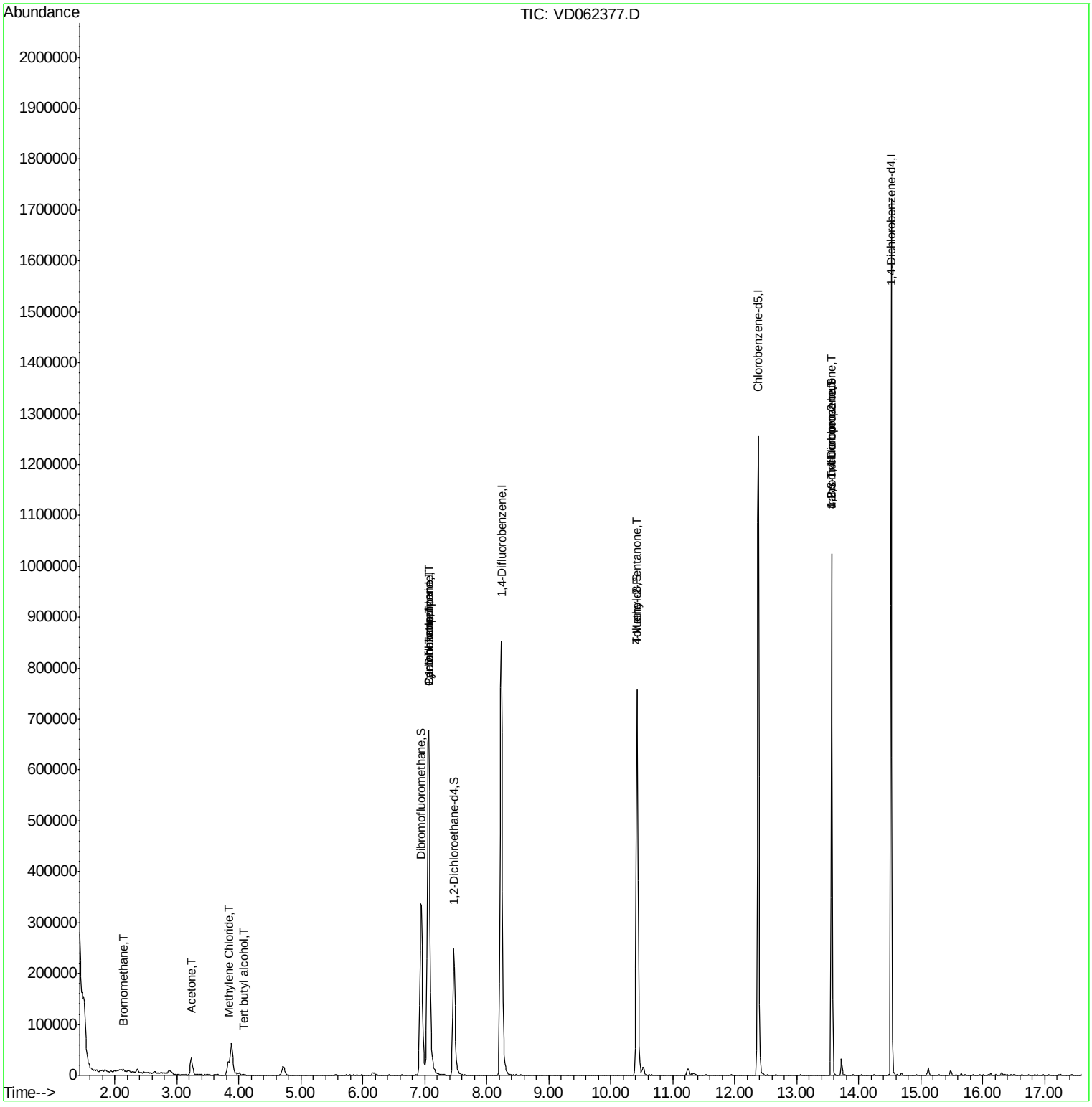
(#) = qualifier out of range (m) = manual integration (+) = signals summed

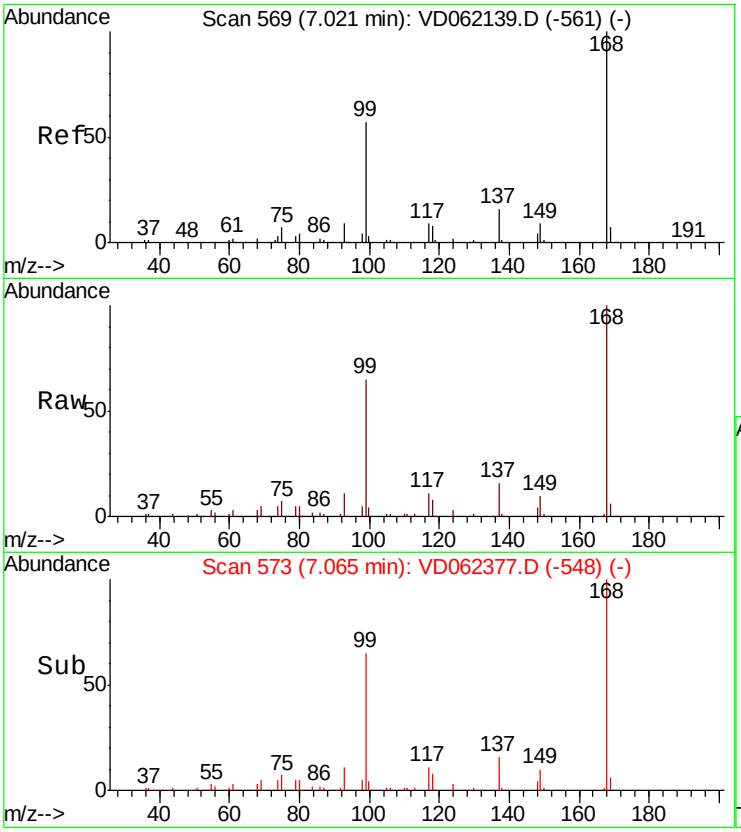
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051419\
Data File : VD062377.D
Acq On : 15 May 2019 6:46
Operator : FY/SY
Sample : K2779-01
Misc : 6.84g/5mL/MSVOA D/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RT-5124

Quant Time: May 15 08:53:59 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



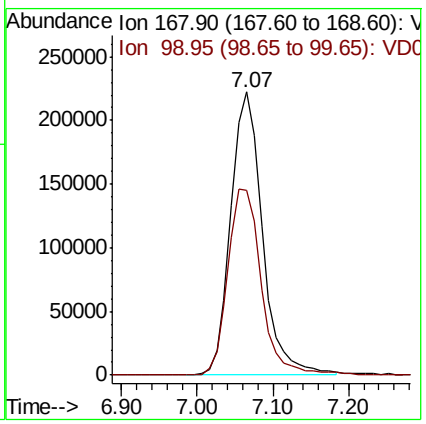


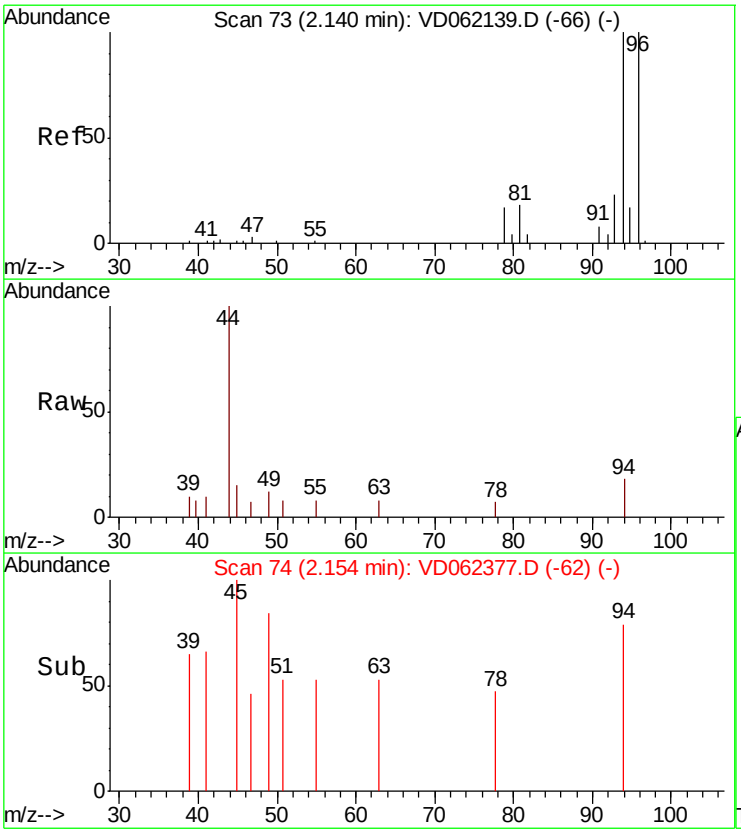
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.07 min Scan# 573
Delta R.T. 0.04 min
Lab File: VD062377.D
Acq: 15 May 2019 6:46

Instrument : MSVOA_D
ClientSampleId : RT-5124

Tgt Ion:168 Resp: 643491

Ion	Ratio	Lower	Upper
168	100		
99	65.1	46.5	69.7

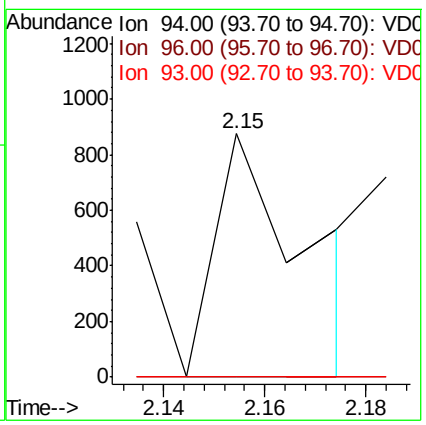


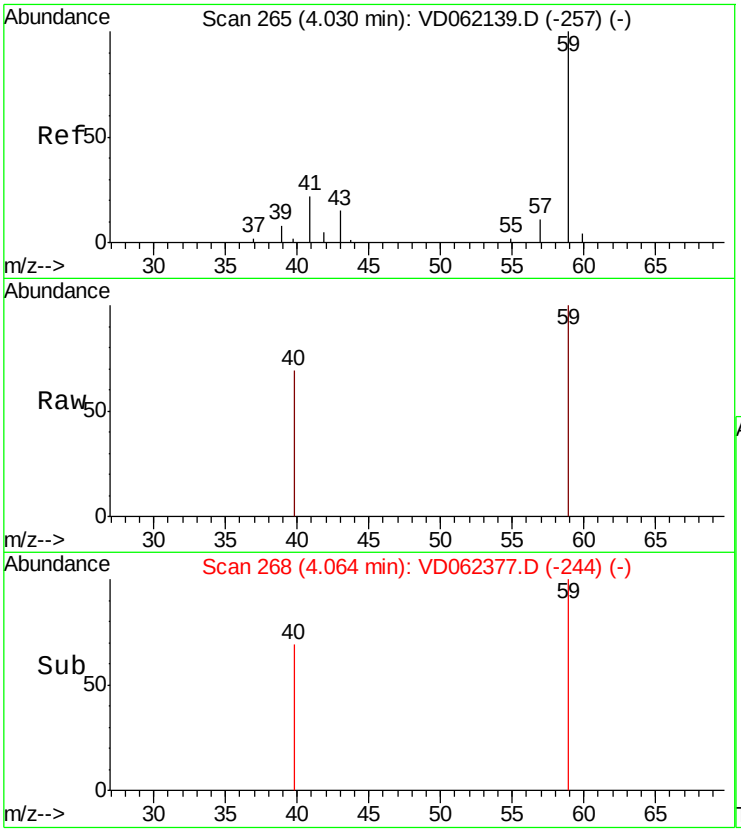


#5
Bromomethane
Concen: 1.049 ug/l
RT: 2.15 min Scan# 74
Delta R.T. 0.01 min
Lab File: VD062377.D
Acq: 15 May 2019 6:46

Tgt Ion: 94 Resp: 1074

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



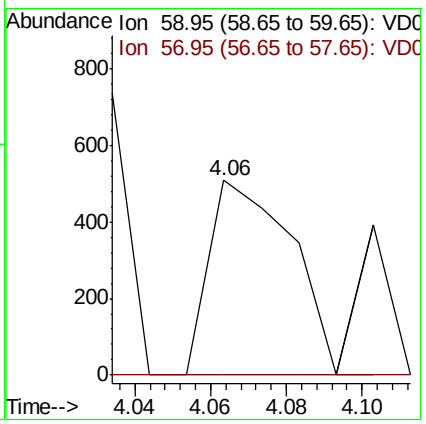


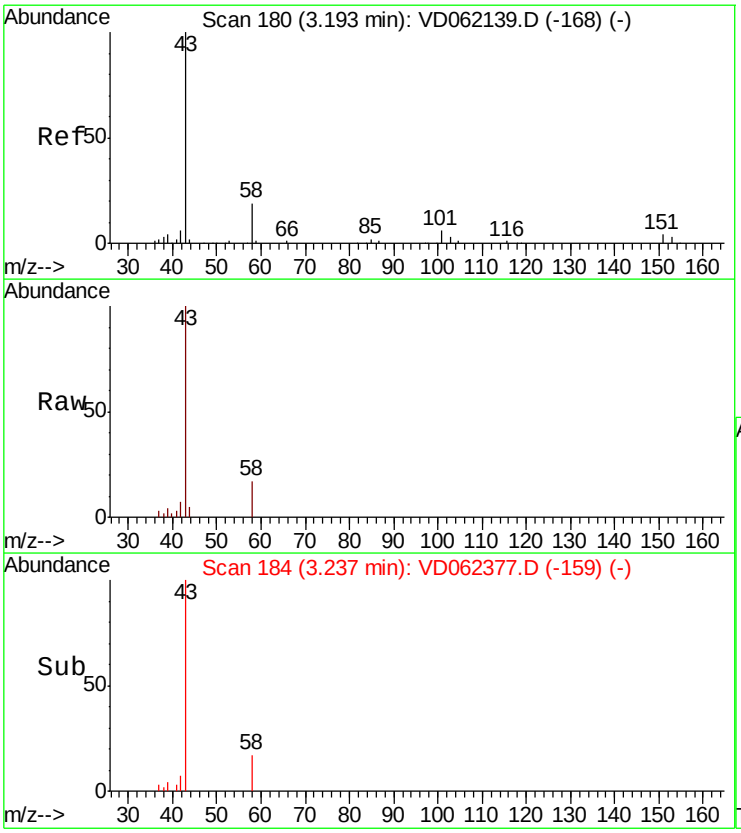
#11
Tert butyl alcohol
Concen: 2.490 ug/l
RT: 4.06 min Scan# 268
Delta R.T. 0.03 min
Lab File: VD062377.D
Acq: 15 May 2019 6:46

Instrument : MSVOA_D
ClientSampleId : RT-5124

Tgt Ion: 59 Resp: 760

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.9	10.3#

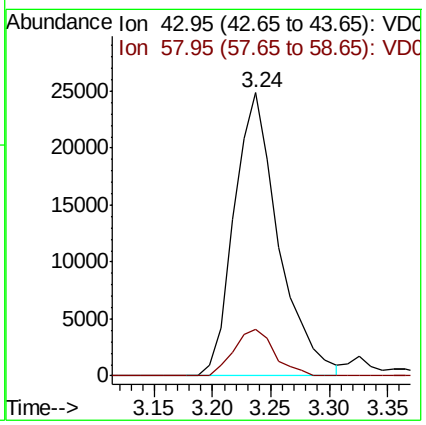


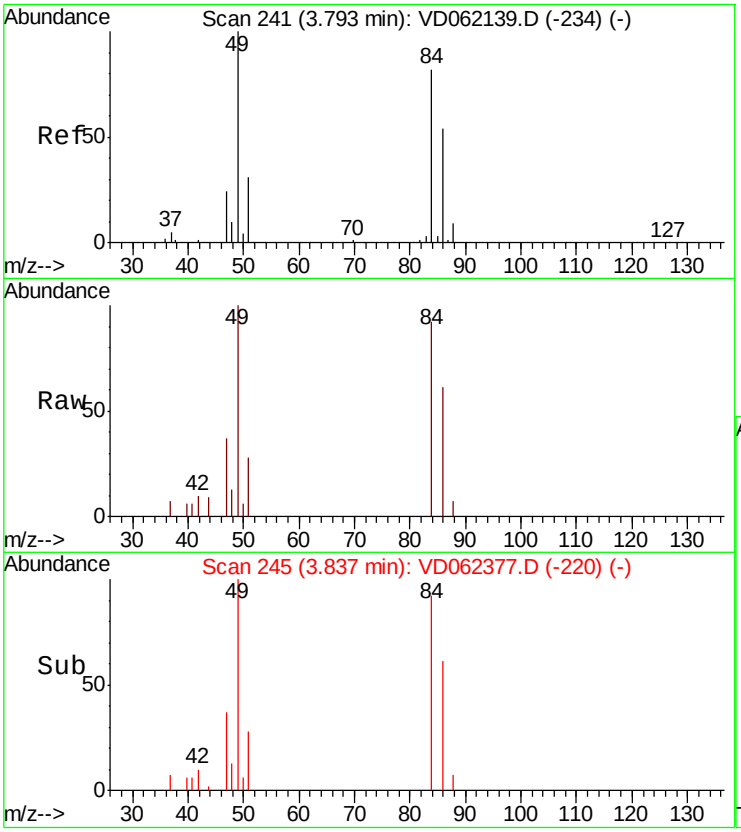


#16
Acetone
Concen: 52.343 ug/l
RT: 3.24 min Scan# 184
Delta R.T. 0.04 min
Lab File: VD062377.D
Acq: 15 May 2019 6:46

Tgt Ion: 43 Resp: 65642

Ion	Ratio	Lower	Upper
43	100		
58	16.6	19.9	29.9#



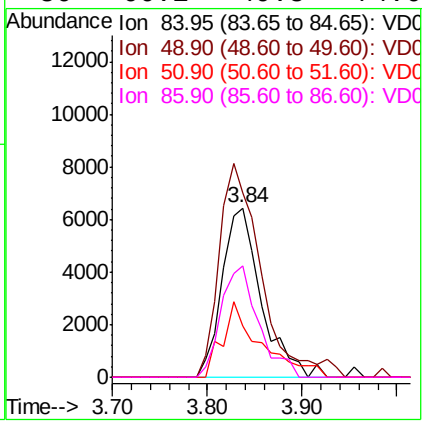


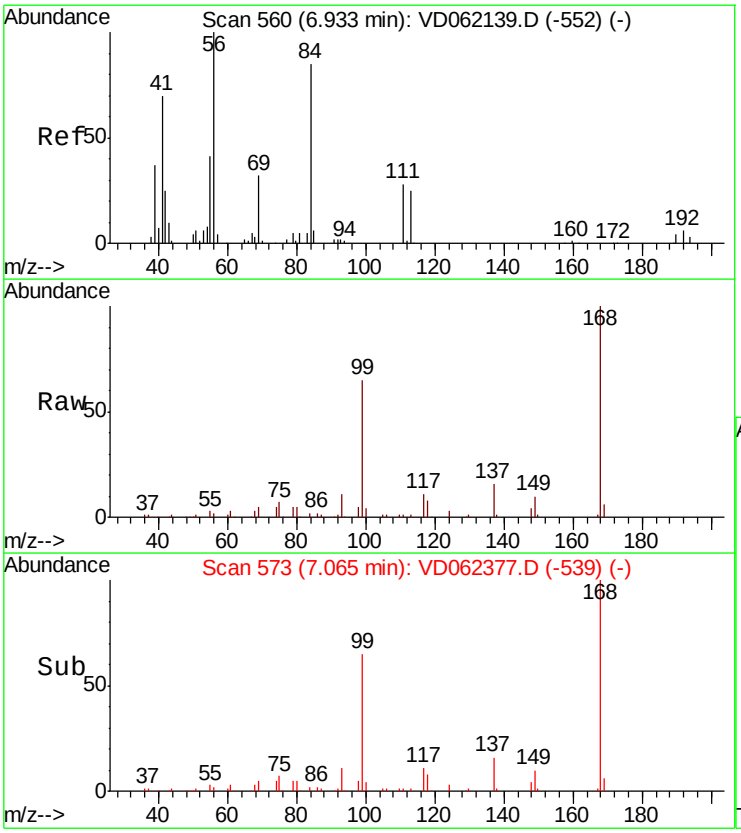
#20
Methylene Chloride
Concen: 3.516 ug/l
RT: 3.84 min Scan# 245
Delta R.T. 0.04 min
Lab File: VD062377.D
Acq: 15 May 2019 6:46

Instrument : MSVOA_D
ClientSampleId : RT-5124

Tgt Ion: 84 Resp: 18412

Ion	Ratio	Lower	Upper
84	100		
49	109.1	94.0	141.0
51	30.6	29.0	43.4
86	66.1	49.8	74.6

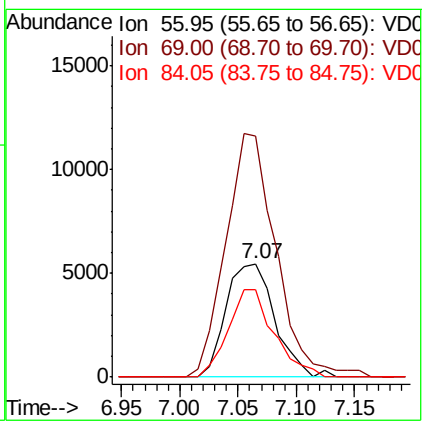


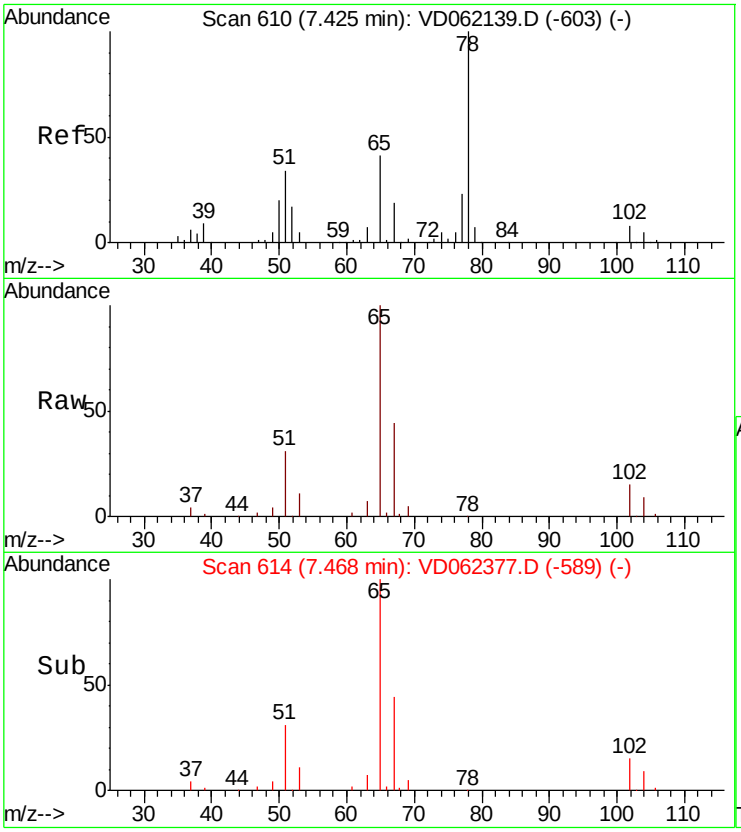


#31
Cyclohexane
Concen: 2.526 ug/l
RT: 7.07 min Scan# 573
Delta R.T. 0.13 min
Lab File: VD062377.D
Acq: 15 May 2019 6:46

Tgt Ion: 56 Resp: 15849

Ion	Ratio	Lower	Upper
56	100		
69	212.4	25.8	38.6#
84	77.4	72.2	108.4



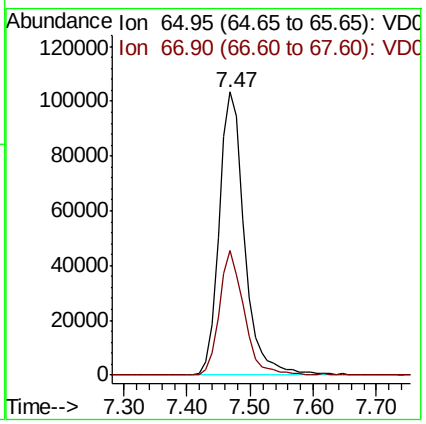


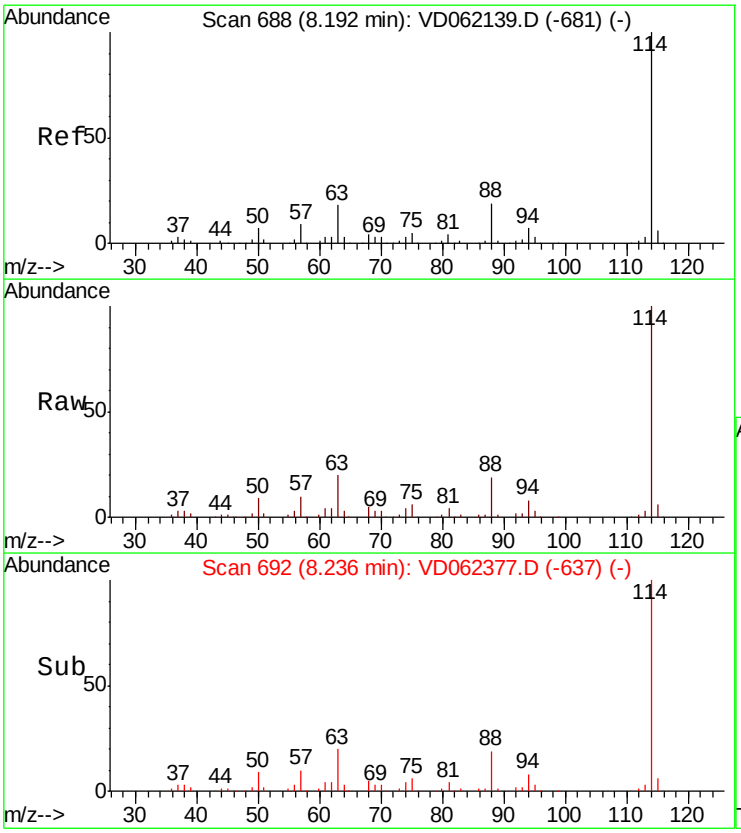
#33
1,2-Dichloroethane-d4
Concen: 48.182 ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.04 min
Lab File: VD062377.D
Acq: 15 May 2019 6:46

Instrument : MSVOA_D
ClientSampleId : RT-5124

Tgt Ion: 65 Resp: 288131

Ion	Ratio	Lower	Upper
65	100		
67	44.1	0.0	98.0

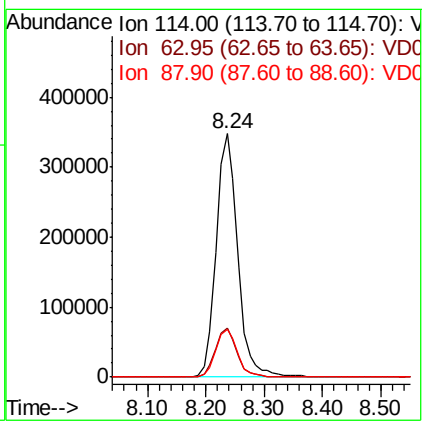


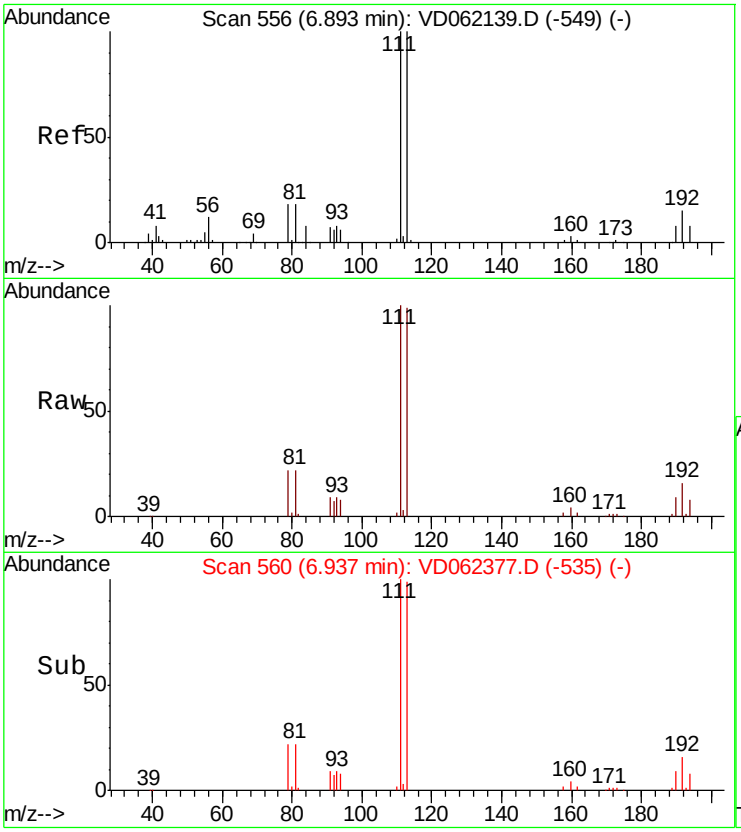


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.24 min Scan# 692
Delta R.T. 0.04 min
Lab File: VD062377.D
Acq: 15 May 2019 6:46

Tgt Ion:114 Resp: 890376

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	32.4
88	19.4	0.0	33.6



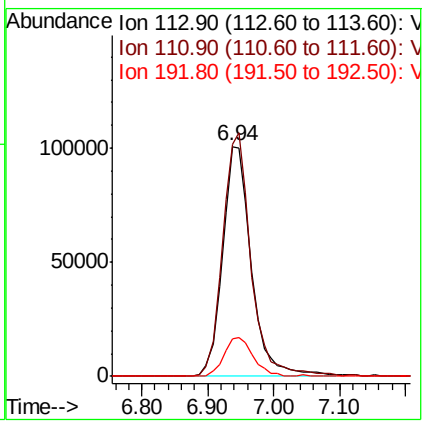


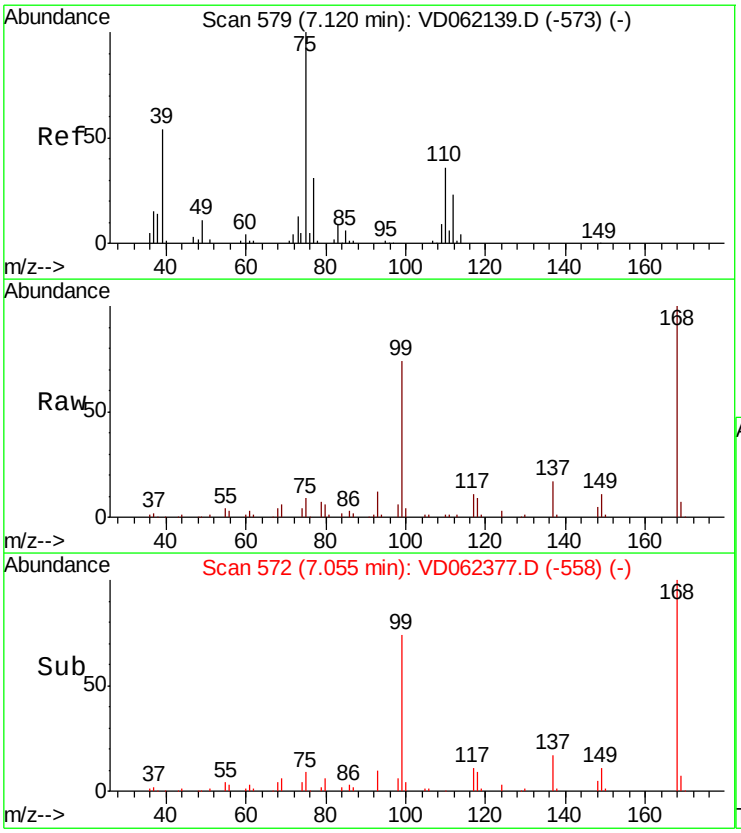
#35
Dibromofluoromethane
Concen: 41.702 ug/l
RT: 6.94 min Scan# 560
Delta R.T. 0.04 min
Lab File: VD062377.D
Acq: 15 May 2019 6:46

Instrument :
MSVOA_D
ClientSampleId :
RT-5124

Tgt Ion:113 Resp: 308078

Ion	Ratio	Lower	Upper
113	100		
111	100.8	78.5	117.7
192	16.5	13.0	19.4

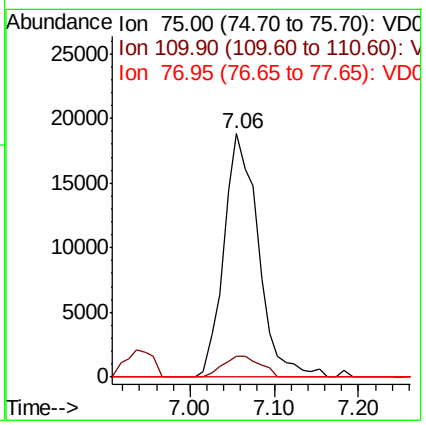


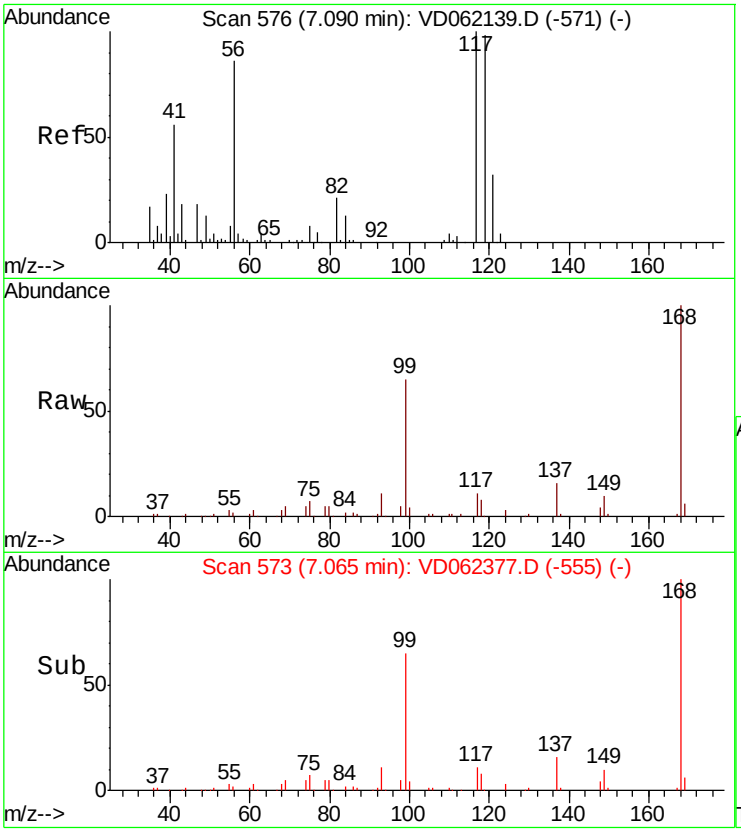


#36
1,1-Dichloropropene
Concen: 7.316 ug/l
RT: 7.06 min Scan# 572
Delta R.T. -0.06 min
Lab File: VD062377.D
Acq: 15 May 2019 6:46

Tgt Ion: 75 Resp: 53410

Ion	Ratio	Lower	Upper
75	100		
110	8.7	19.1	57.1#
77	0.0	25.6	38.4#



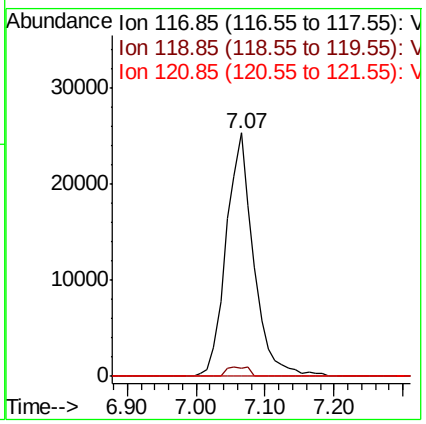


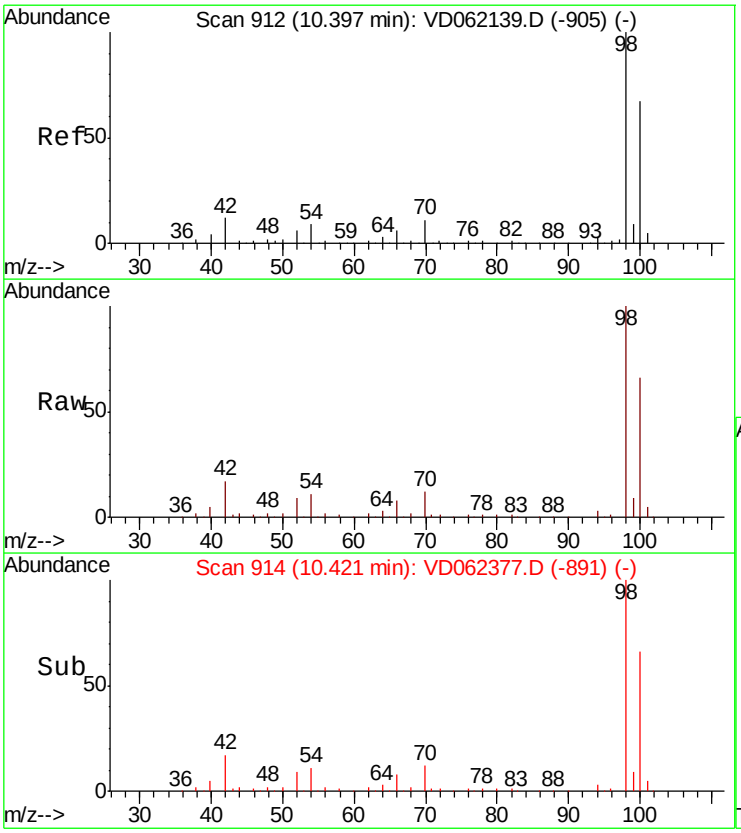
#38
Carbon Tetrachloride
Concen: 6.898 ug/l
RT: 7.07 min Scan# 573
Delta R.T. -0.03 min
Lab File: VD062377.D
Acq: 15 May 2019 6:46

Instrument : MSVOA_D
ClientSampleId : RT-5124

Tgt Ion:117 Resp: 69700

Ion	Ratio	Lower	Upper
117	100		
119	3.5	75.8	113.8#
121	0.0	25.9	38.9#

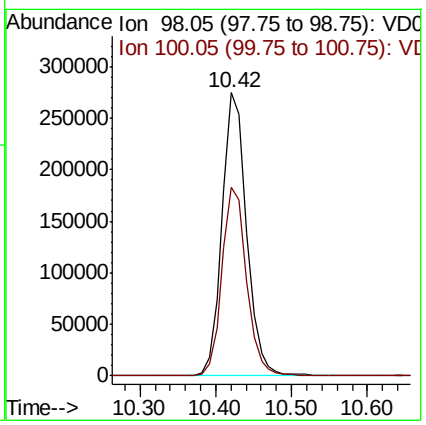


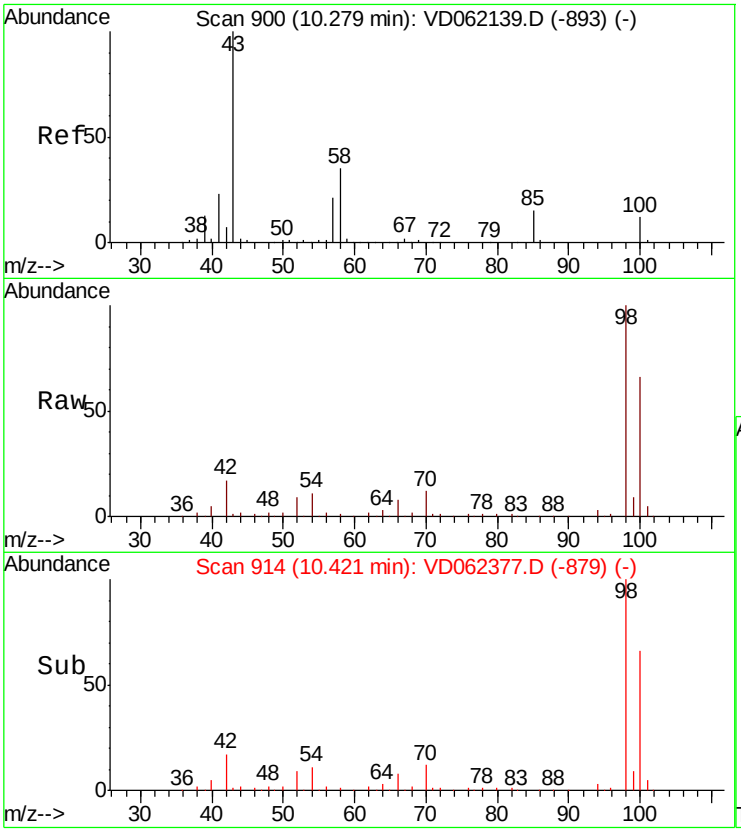


#50
Toluene-d8
Concen: 34.601 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD062377.D
Acq: 15 May 2019 6:46

Tgt Ion: 98 Resp: 616312

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.8	80.8



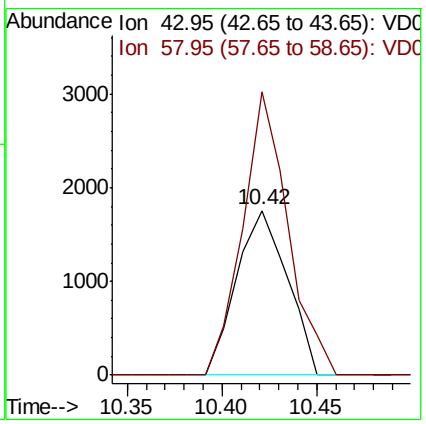


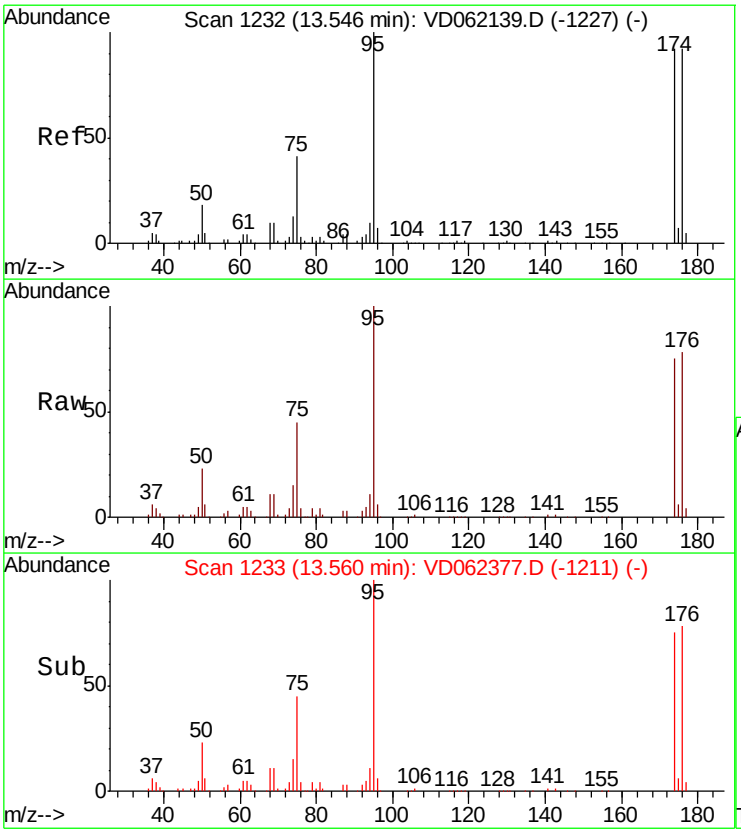
#51
4-Methyl-2-Pentanone
Concen: 1.159 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.14 min
Lab File: VD062377.D
Acq: 15 May 2019 6:46

Instrument : MSVOA_D
ClientSampleId : RT-5124

Tgt Ion: 43 Resp: 3270

Ion	Ratio	Lower	Upper
43	100		
58	172.0	30.4	45.6#

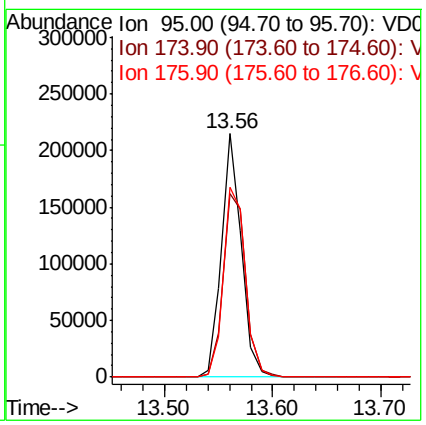


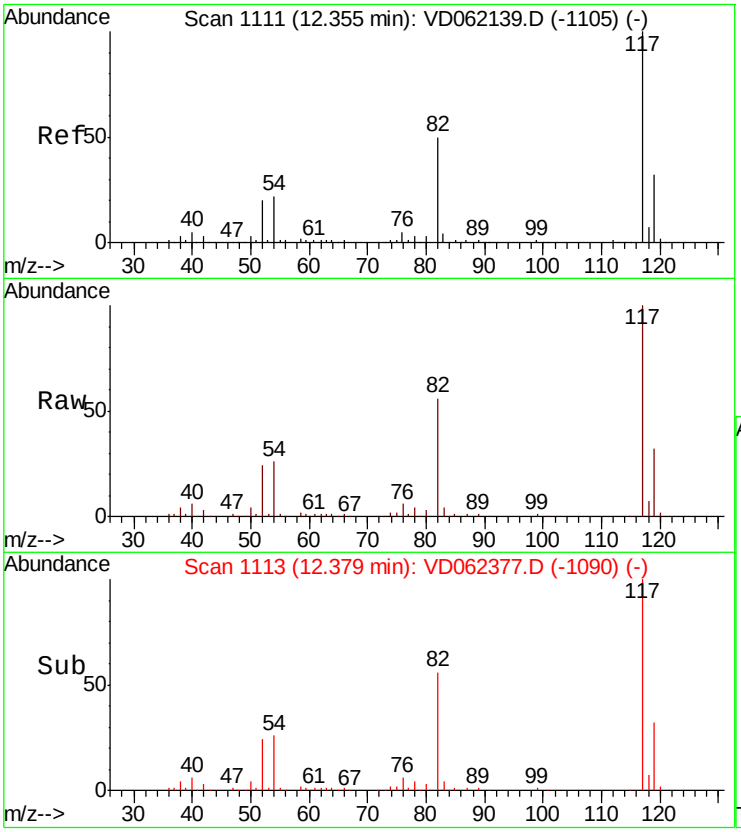


#62
4-Bromofluorobenzene
Concen: 38.342 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062377.D
Acq: 15 May 2019 6:46

Tgt Ion: 95 Resp: 274247

Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	181.8
176	78.2	0.0	174.4



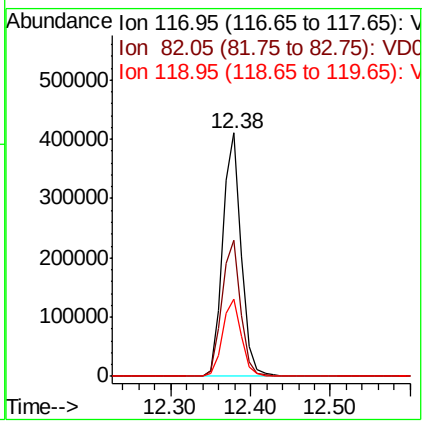


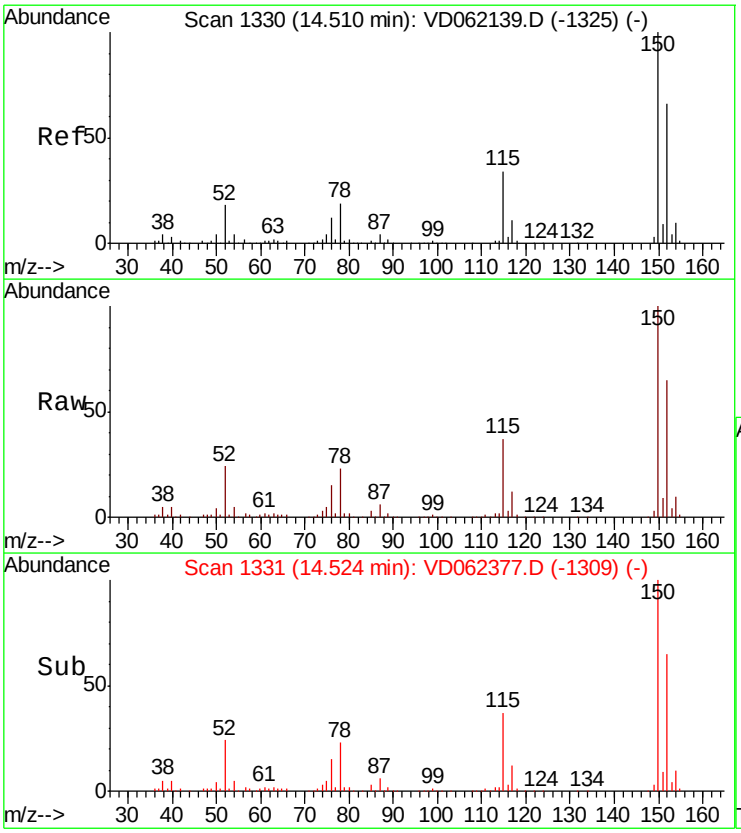
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062377.D
Acq: 15 May 2019 6:46

Instrument : MSVOA_D
ClientSampleId : RT-5124

Tgt Ion:117 Resp: 673450

Ion	Ratio	Lower	Upper
117	100		
82	55.9	36.2	54.2#
119	32.0	26.2	39.4

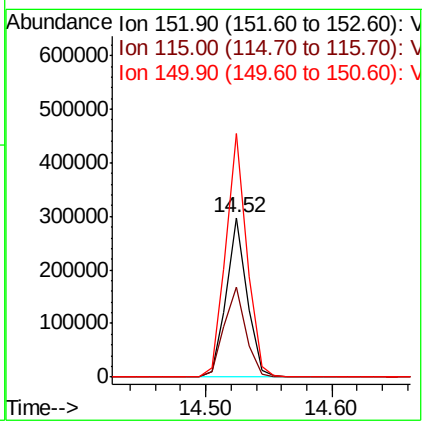


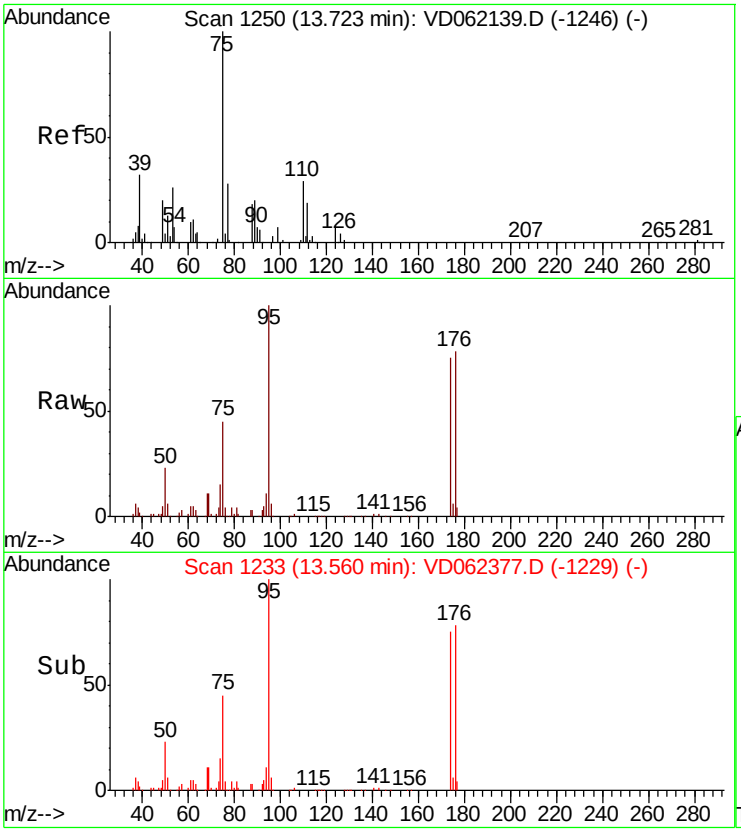


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062377.D
Acq: 15 May 2019 6:46

Tgt Ion:152 Resp: 337844

Ion	Ratio	Lower	Upper
152	100		
115	56.2	30.9	92.7
150	153.0	0.0	314.8



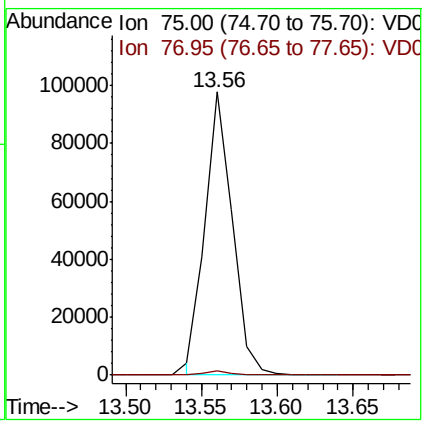


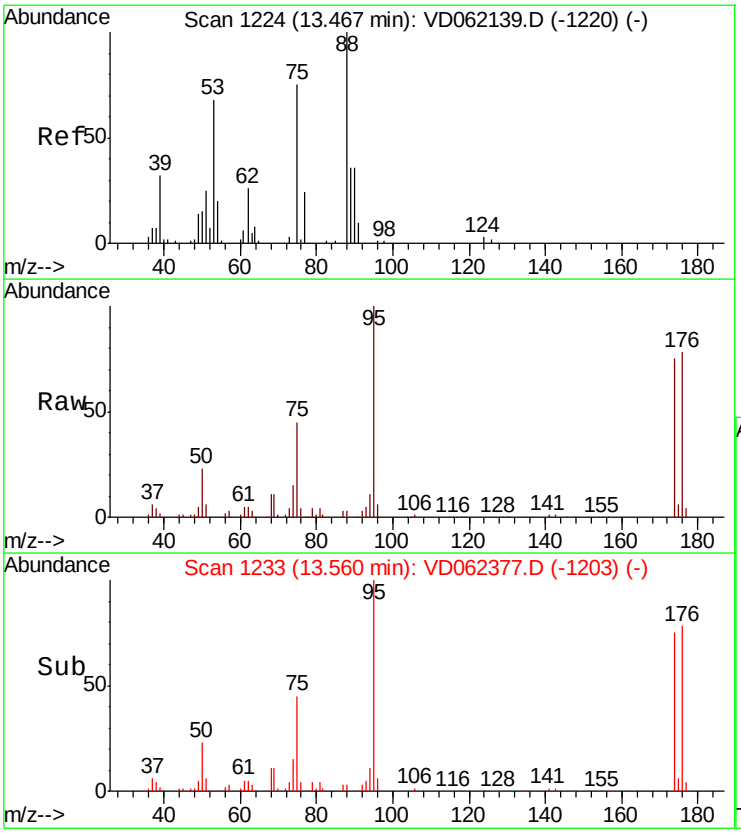
#76
1,2,3-Trichloropropane
Concen: 30.609 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.16 min
Lab File: VD062377.D
Acq: 15 May 2019 6:46

Instrument :
MSVOA_D
ClientSampleId :
RT-5124

Tgt Ion: 75 Resp: 122896

Ion	Ratio	Lower	Upper
75	100		
77	1.7	16.4	49.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 110.495 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.09 min
Lab File: VD062377.D
Acq: 15 May 2019 6:46

Tgt Ion: 75 Resp: 125241

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