Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051519\
Data File : VD062406.D
Acq On : 15 May 2019 23:36
Operator : FY/SY
Sample : K2637-03
Misc : 4.80g/5mL/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: May 16 04:00:56 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	7.05	168	500378	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	712864	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	525467	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	218350	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	230012	49.46	ug/l	0.03
Spiked Amount 50.000			Recovery = 98.92%			
35) Dibromofluoromethane	6.92	113	243751	41.21	ug/l	0.03
Spiked Amount 50.000			Recovery = 82.42%			
50) Toluene-d8	10.42	98	552550	38.75	ug/l	0.02
Spiked Amount 50.000			Recovery = 77.50%			
62) 4-Bromofluorobenzene	13.56	95	200720	35.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 70.10%			
Target Compounds						Qvalue
16) Acetone	3.22	43	49212	50.465	ug/l #	81
18) Methyl Acetate	3.64	43	8054	4.341	ug/l #	89
20) Methylene Chloride	3.81	84	22018	5.408	ug/l #	82
25) 2-Butanone	6.08	43	2557	2.404	ug/l #	56
31) Cyclohexane	7.04	56	10460	2.144	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	42249	7.228	ug/l #	47
38) Carbon Tetrachloride	7.05	117	52195	6.452	ug/l #	17
51) 4-Methyl-2-Pentanone	10.42	43	3265	1.445	ug/l #	1
52) Toluene	10.51	92	15861	1.847	ug/l	79
76) 1,2,3-Trichloropropane	13.56	75	70750	27.265	ug/l #	43
81) trans-1,4-Dichloro-2-buten	13.56	75	89463	122.124	ug/l #	16

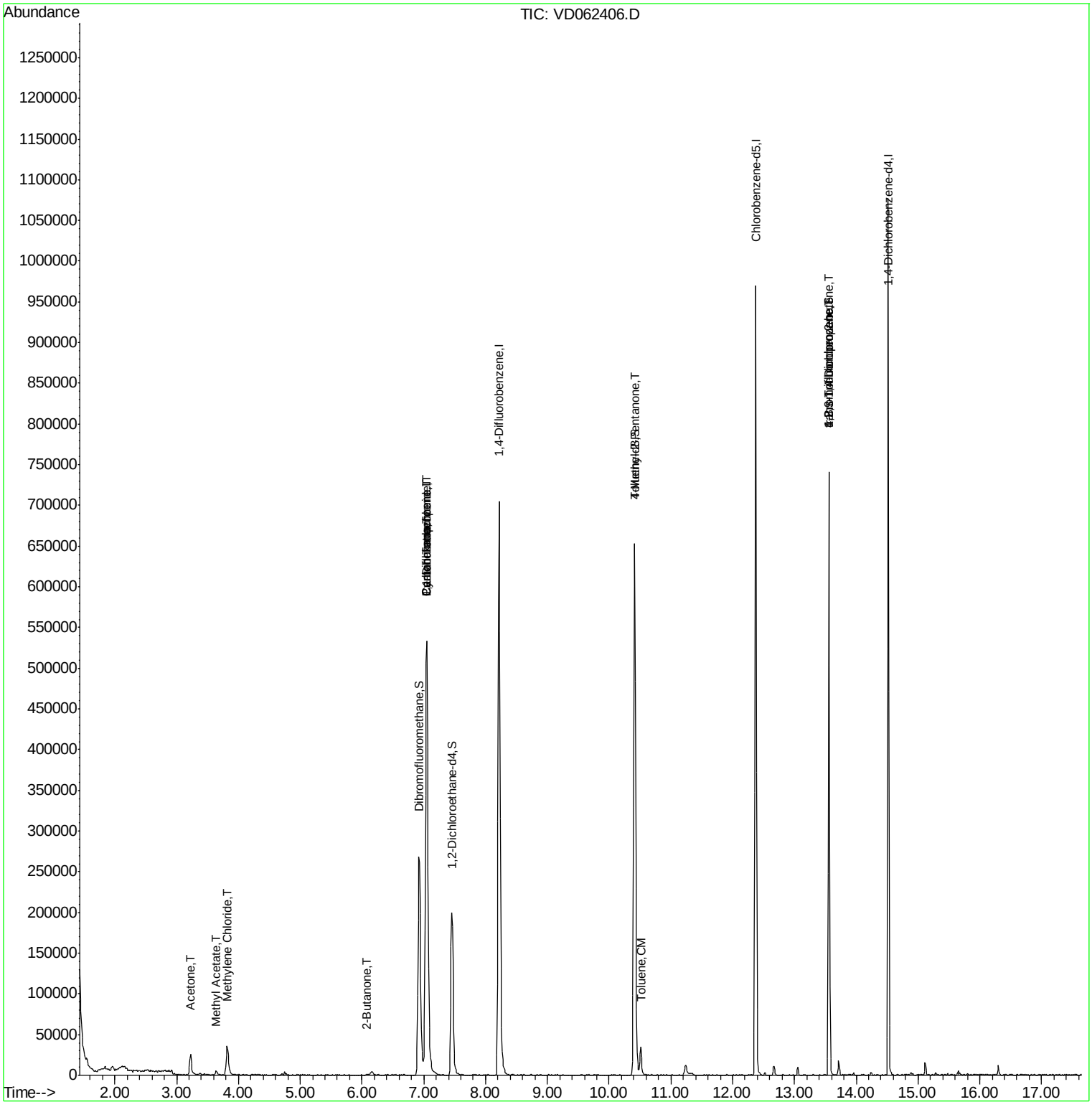
(#) = qualifier out of range (m) = manual integration (+) = signals summed

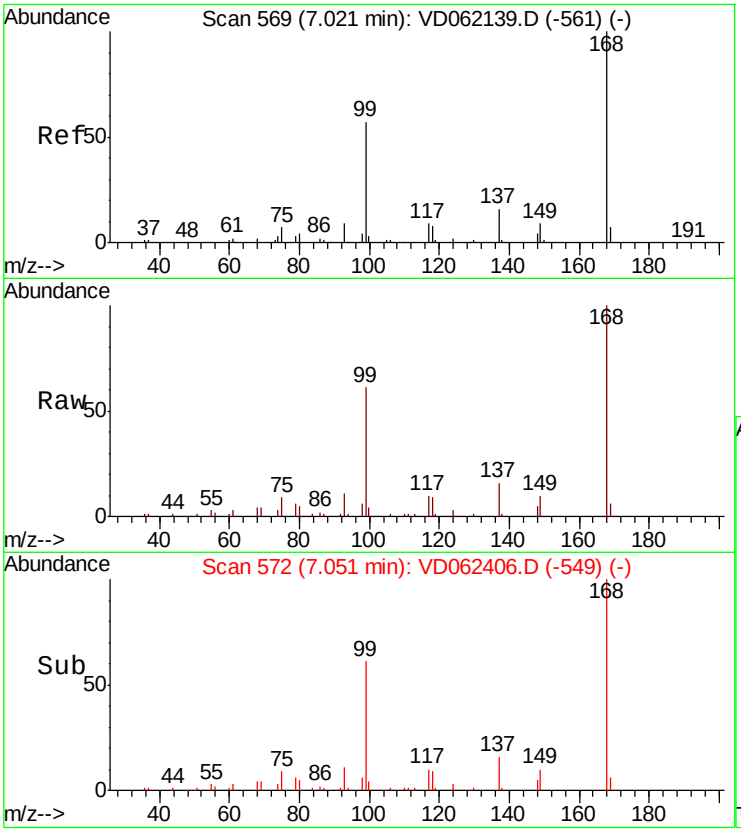
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051519\
Data File : VD062406.D
Acq On : 15 May 2019 23:36
Operator : FY/SY
Sample : K2637-03
Misc : 4.80g/5mL/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: May 16 04:00:56 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



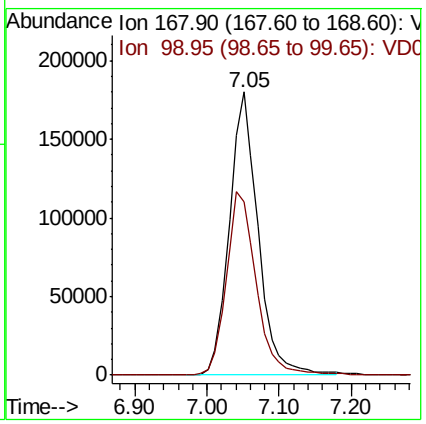


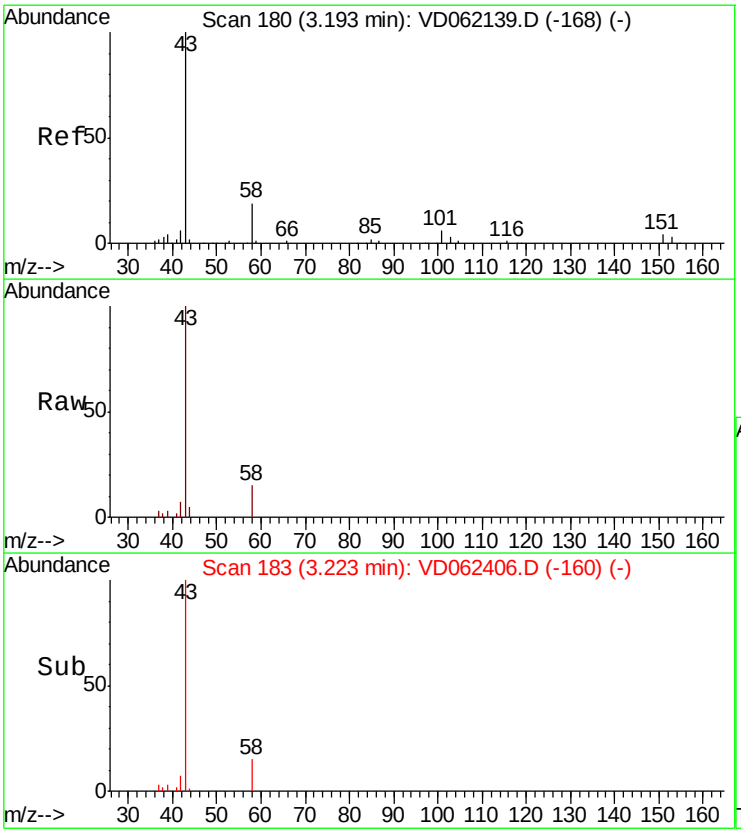
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.03 min
Lab File: VD062406.D
Acq: 15 May 2019 23:36

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 500378

Ion	Ratio	Lower	Upper
168	100		
99	61.3	46.5	69.7

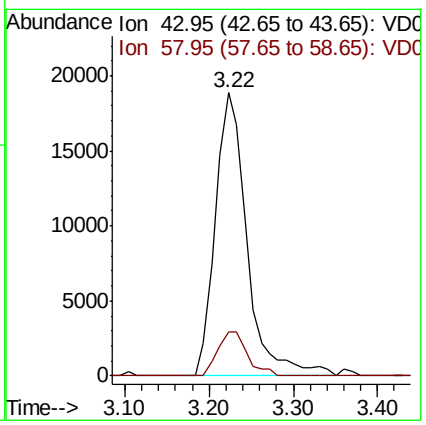


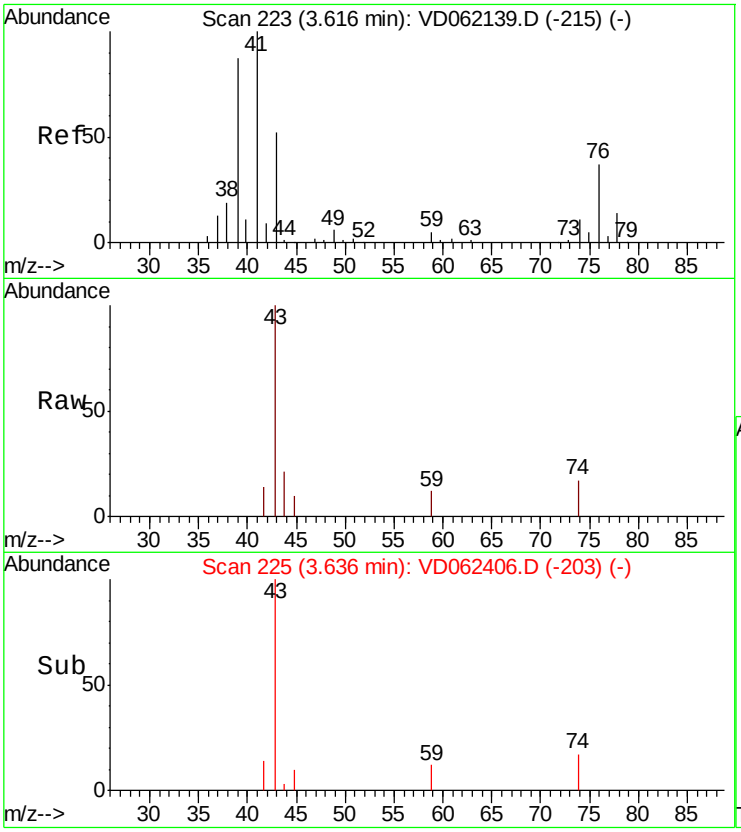


#16
Acetone
Concen: 50.465 ug/l
RT: 3.22 min Scan# 183
Delta R.T. 0.03 min
Lab File: VD062406.D
Acq: 15 May 2019 23:36

Tgt Ion: 43 Resp: 49212

Ion	Ratio	Lower	Upper
43	100		
58	15.4	19.9	29.9#



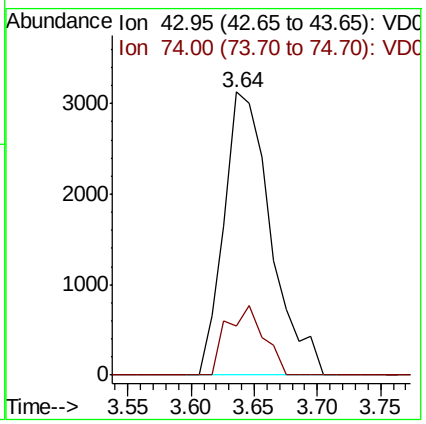


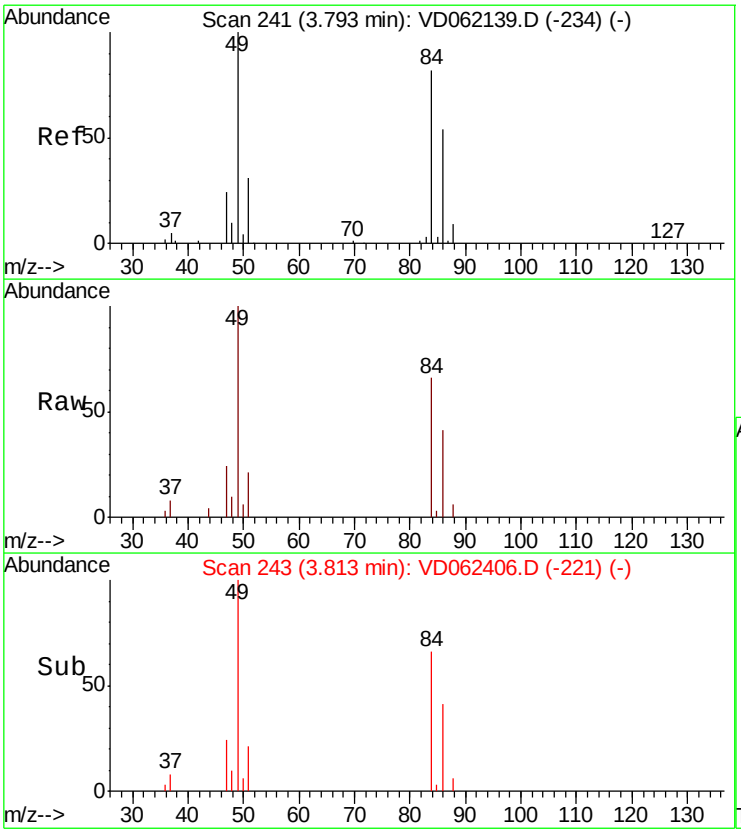
#18
Methyl Acetate
Concen: 4.341 ug/l
RT: 3.64 min Scan# 225
Delta R.T. 0.02 min
Lab File: VD062406.D
Acq: 15 May 2019 23:36

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 8054

Ion	Ratio	Lower	Upper
43	100		
74	17.3	18.0	27.0#

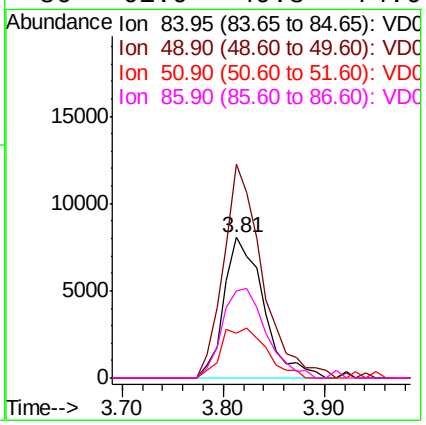


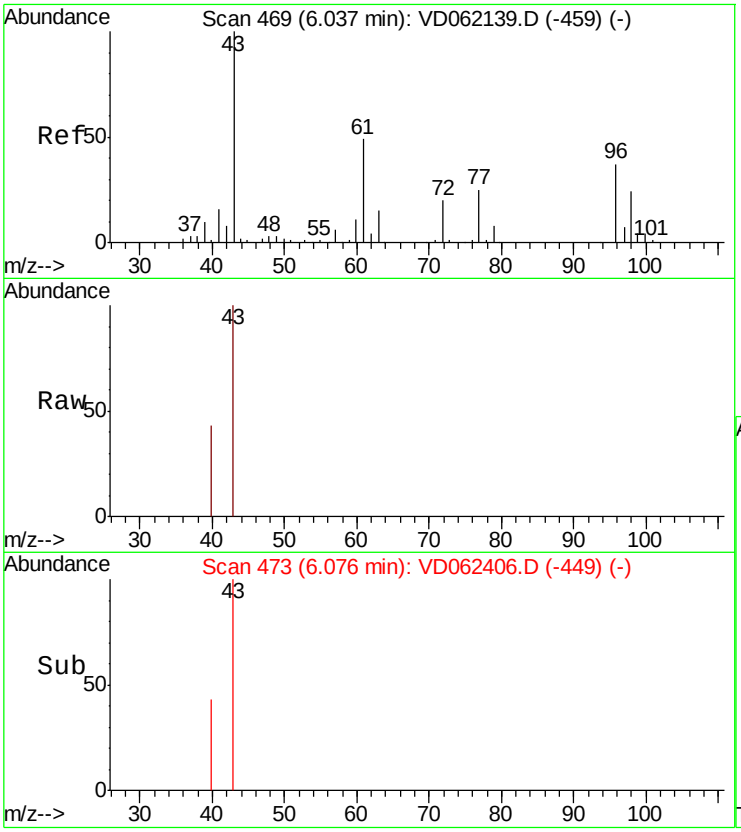


#20
Methylene Chloride
Concen: 5.408 ug/l
RT: 3.81 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD062406.D
Acq: 15 May 2019 23:36

Tgt Ion: 84 Resp: 22018

Ion	Ratio	Lower	Upper
84	100		
49	151.8	94.0	141.0#
51	31.8	29.0	43.4
86	61.9	49.8	74.6



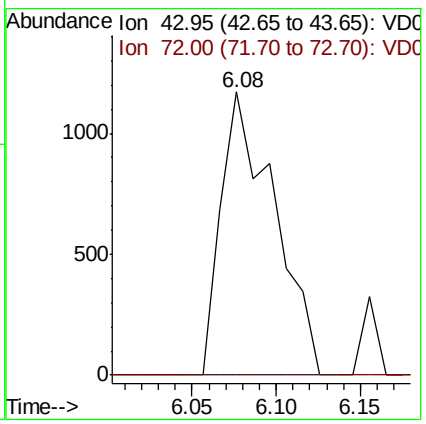


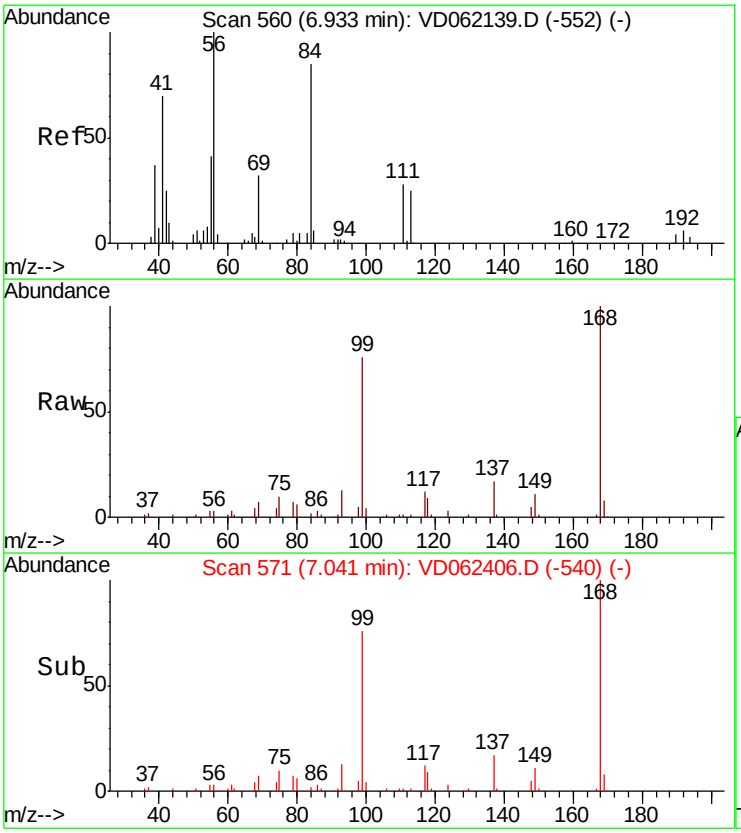
#25
2-Butanone
Concen: 2.404 ug/l
RT: 6.08 min Scan# 473
Delta R.T. 0.04 min
Lab File: VD062406.D
Acq: 15 May 2019 23:36

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 2557

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.2	24.4#

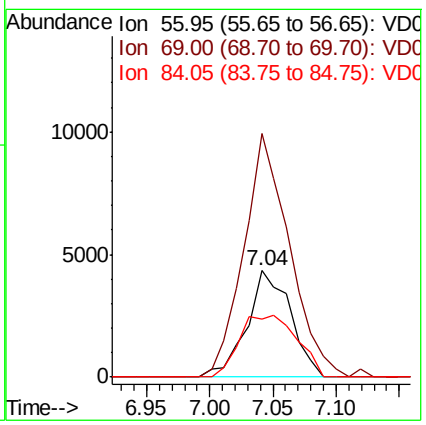


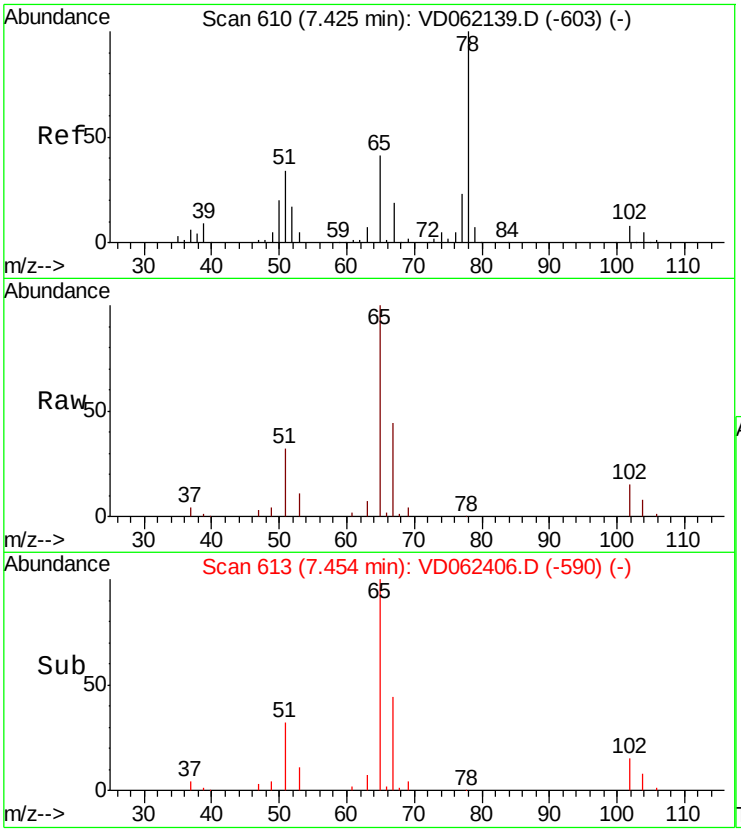


#31
Cyclohexane
Concen: 2.144 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.11 min
Lab File: VD062406.D
Acq: 15 May 2019 23:36

Tgt Ion: 56 Resp: 10460

Ion	Ratio	Lower	Upper
56	100		
69	228.6	25.8	38.6#
84	54.8	72.2	108.4#



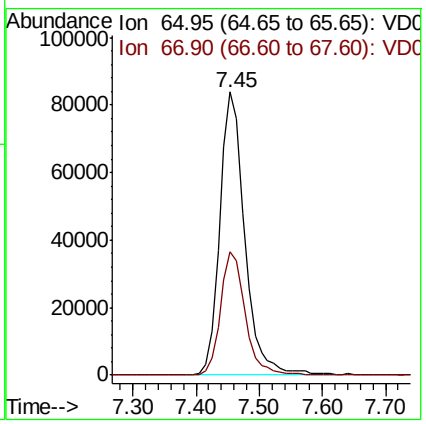


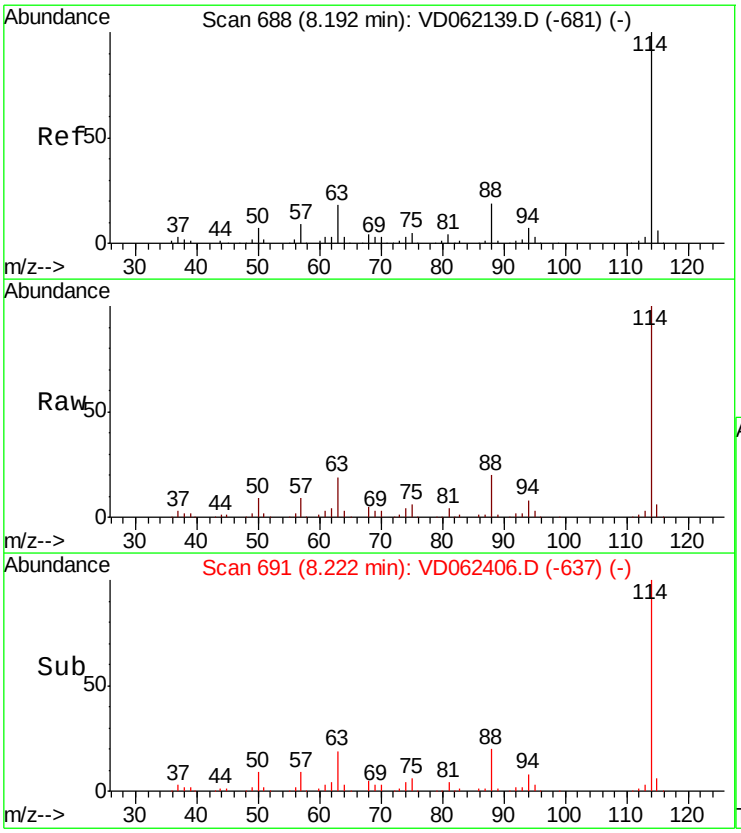
#33
1,2-Dichloroethane-d4
Concen: 49.464 ug/l
RT: 7.45 min Scan# 613
Delta R.T. 0.03 min
Lab File: VD062406.D
Acq: 15 May 2019 23:36

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 230012

Ion	Ratio	Lower	Upper
65	100		
67	43.8	0.0	98.0

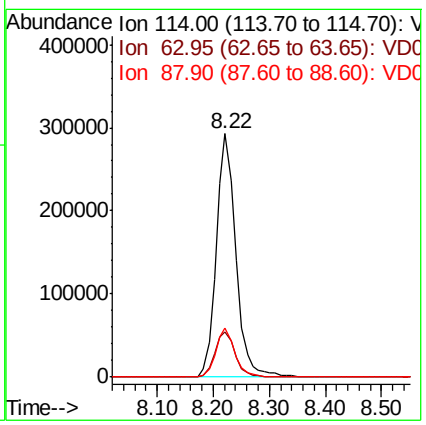


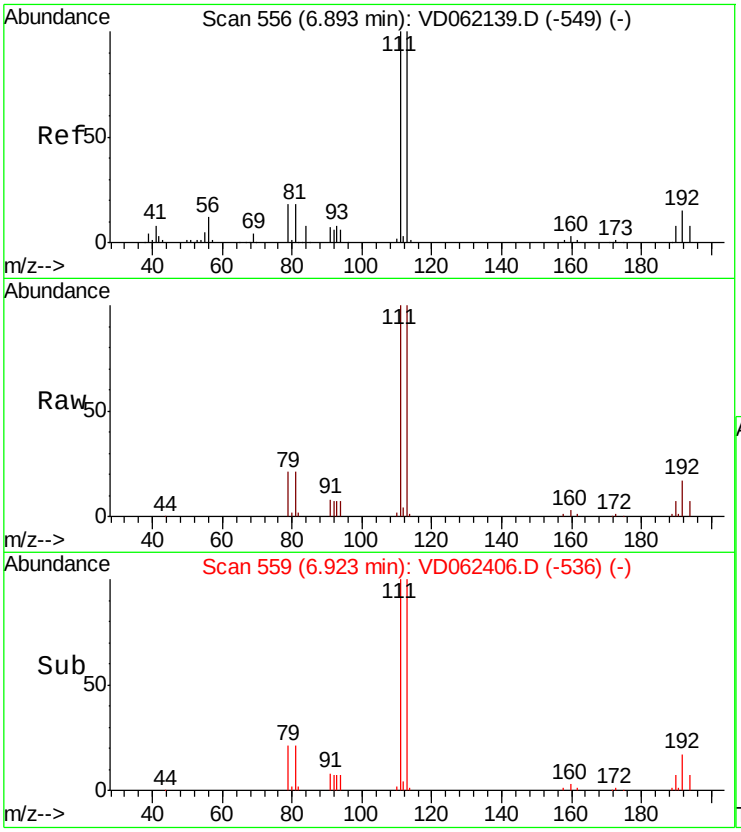


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 691
Delta R.T. 0.03 min
Lab File: VD062406.D
Acq: 15 May 2019 23:36

Tgt Ion:114 Resp: 712864

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	32.4
88	20.0	0.0	33.6



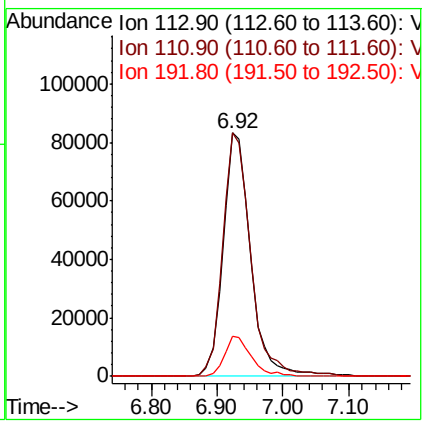


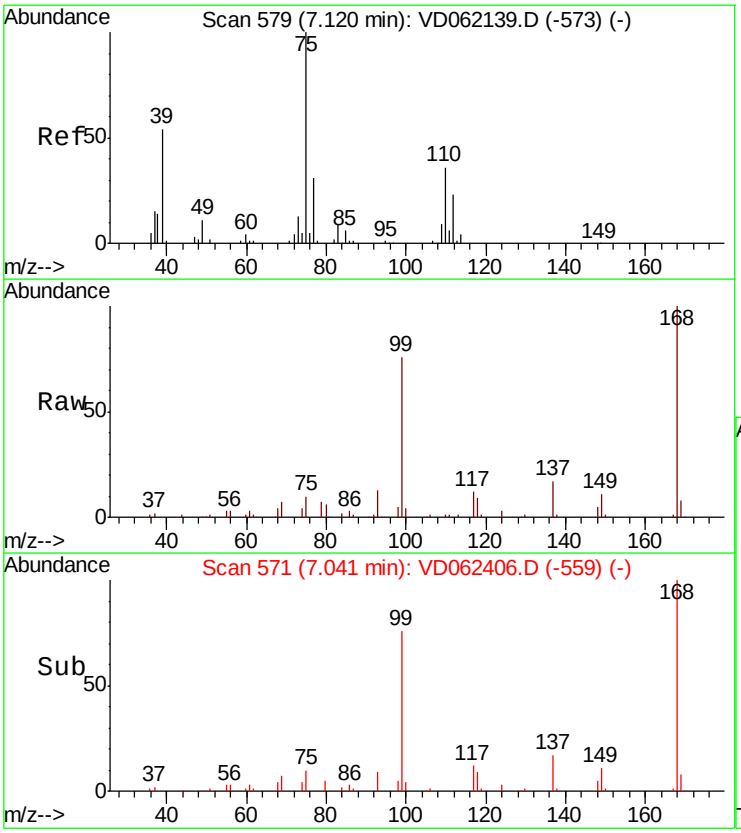
#35
Dibromofluoromethane
Concen: 41.211 ug/l
RT: 6.92 min Scan# 559
Delta R.T. 0.03 min
Lab File: VD062406.D
Acq: 15 May 2019 23:36

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 243751

Ion	Ratio	Lower	Upper
113	100		
111	100.2	78.5	117.7
192	16.6	13.0	19.4

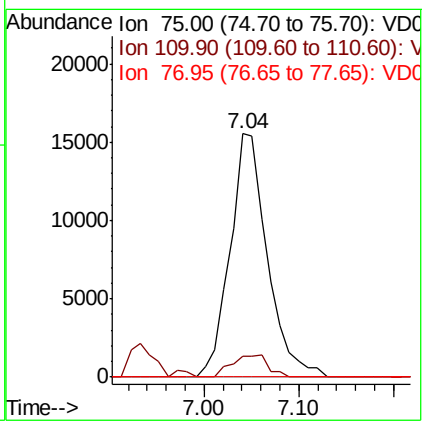


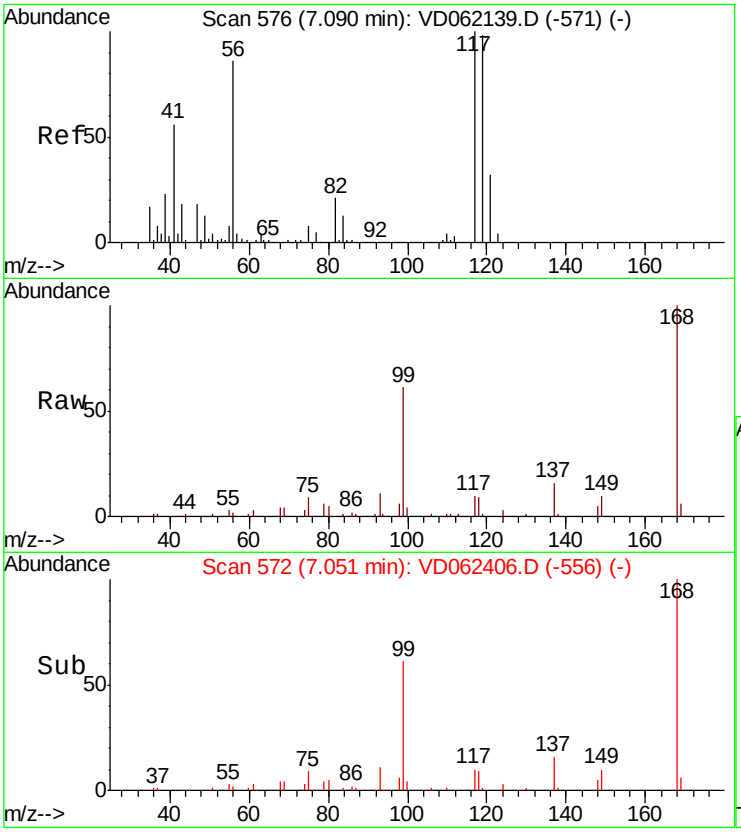


#36
1,1-Dichloropropene
Concen: 7.228 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.08 min
Lab File: VD062406.D
Acq: 15 May 2019 23:36

Tgt Ion: 75 Resp: 42249

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



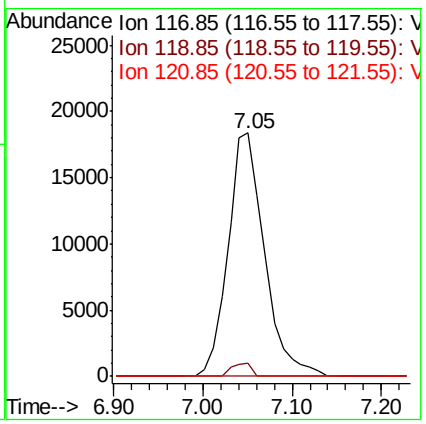


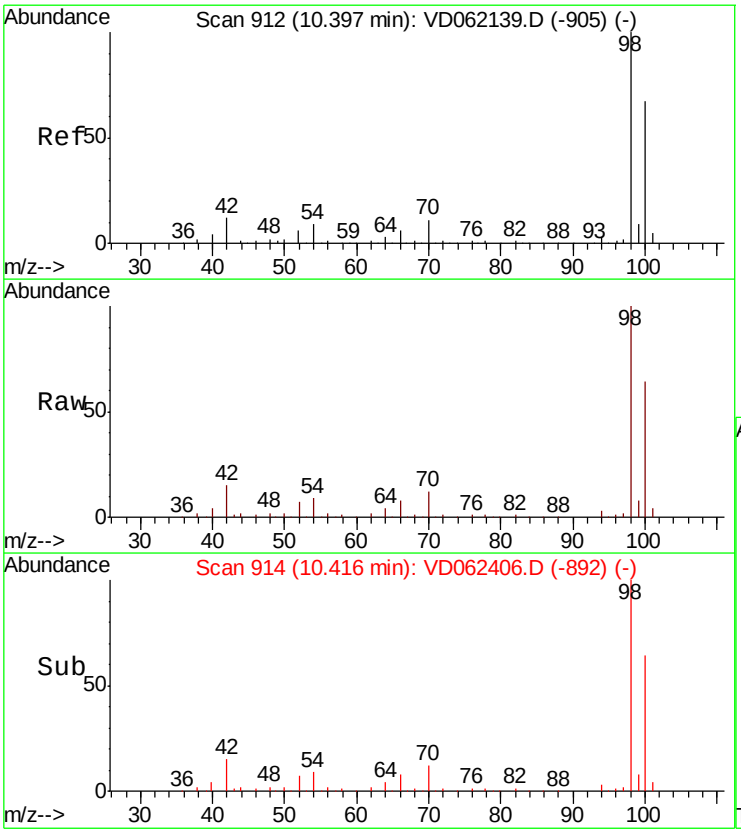
#38
Carbon Tetrachloride
Concen: 6.452 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.04 min
Lab File: VD062406.D
Acq: 15 May 2019 23:36

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 52195

Ion	Ratio	Lower	Upper
117	100		
119	5.6	75.8	113.8#
121	0.0	25.9	38.9#

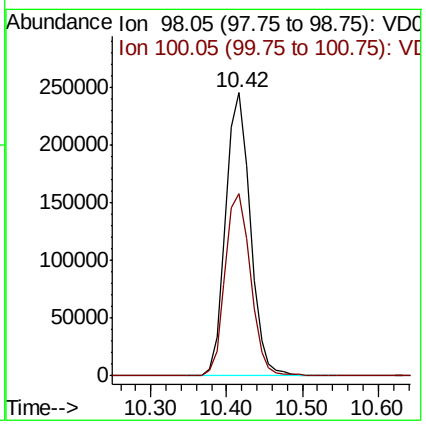


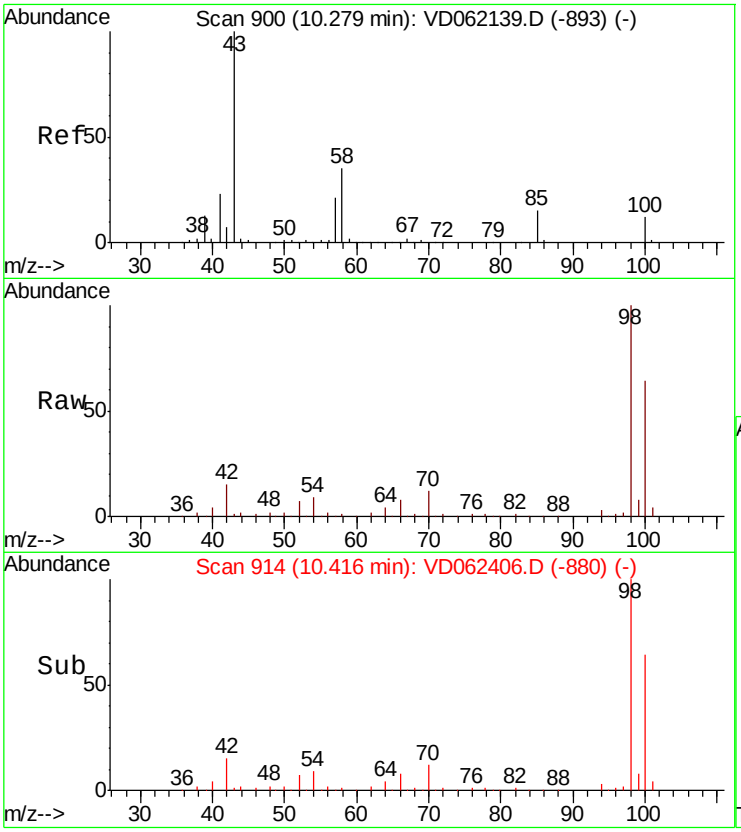


#50
Toluene-d8
Concen: 38.746 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD062406.D
Acq: 15 May 2019 23:36

Tgt Ion: 98 Resp: 552550

Ion	Ratio	Lower	Upper
98	100		
100	64.5	53.8	80.8



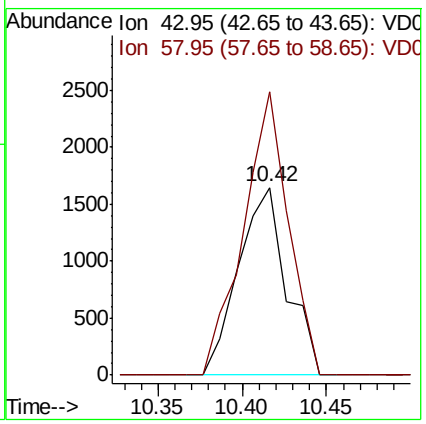


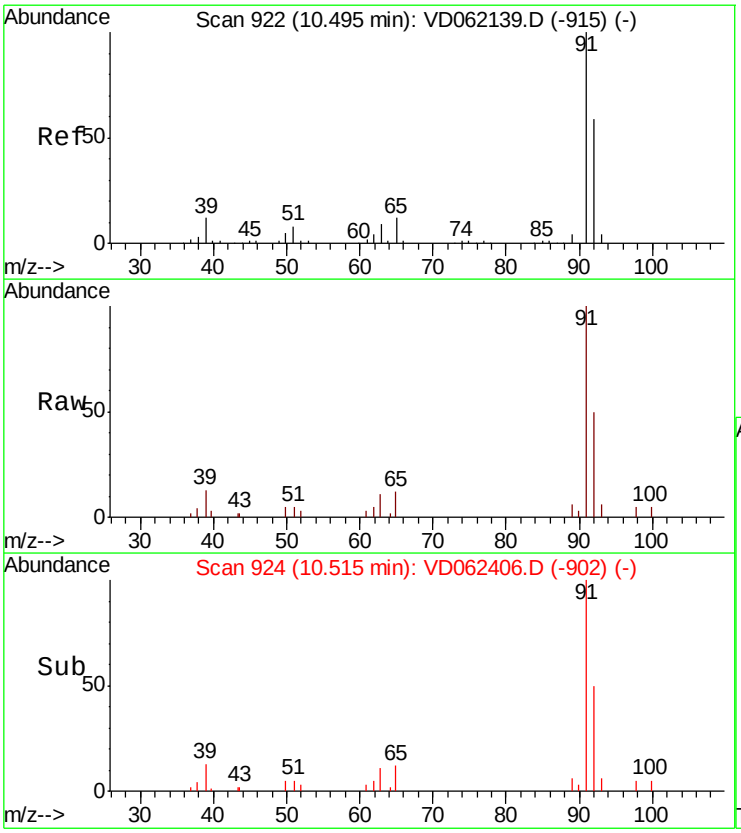
#51
4-Methyl-2-Pentanone
Concen: 1.445 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.14 min
Lab File: VD062406.D
Acq: 15 May 2019 23:36

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 3265

Ion	Ratio	Lower	Upper
43	100		
58	151.0	30.4	45.6#

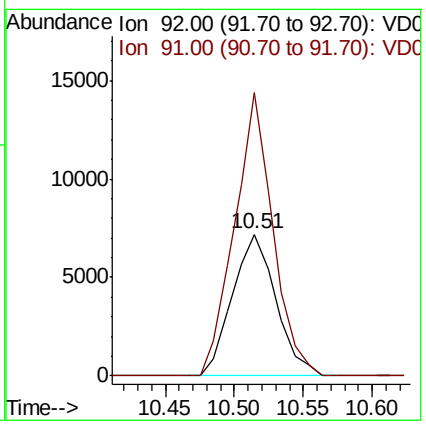


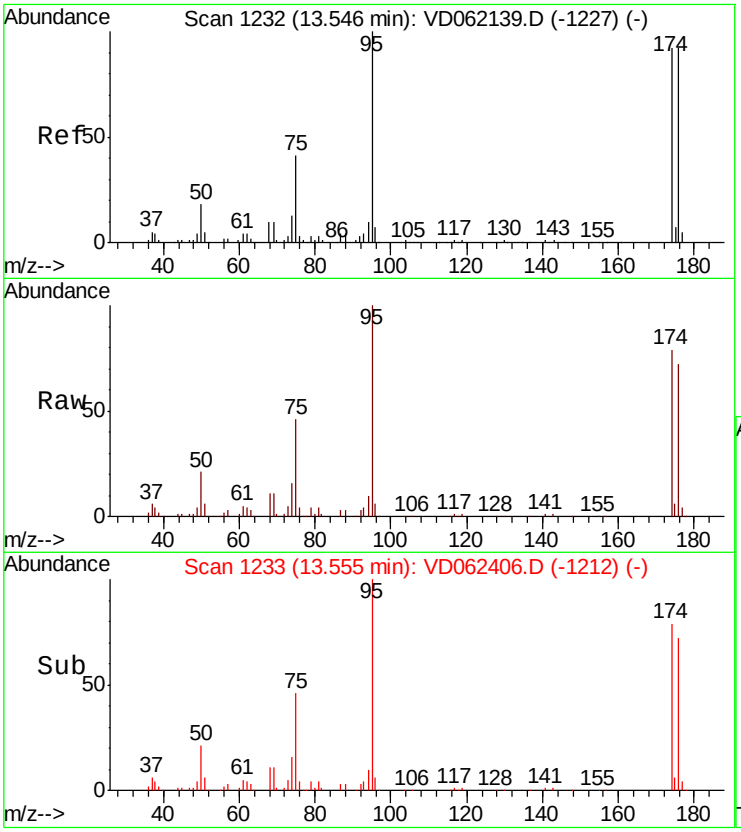


#52
Toluene
Concen: 1.847 ug/l
RT: 10.51 min Scan# 924
Delta R.T. 0.02 min
Lab File: VD062406.D
Acq: 15 May 2019 23:36

Tgt Ion: 92 Resp: 15861

Ion	Ratio	Lower	Upper
92	100		
91	199.6	136.6	204.8



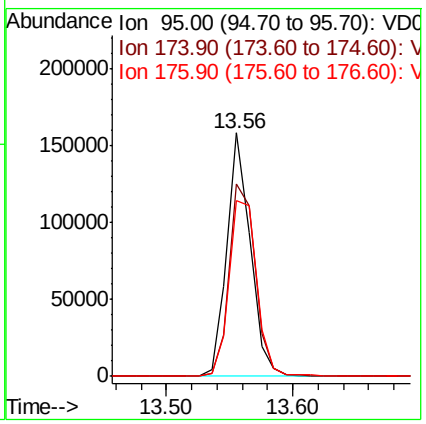


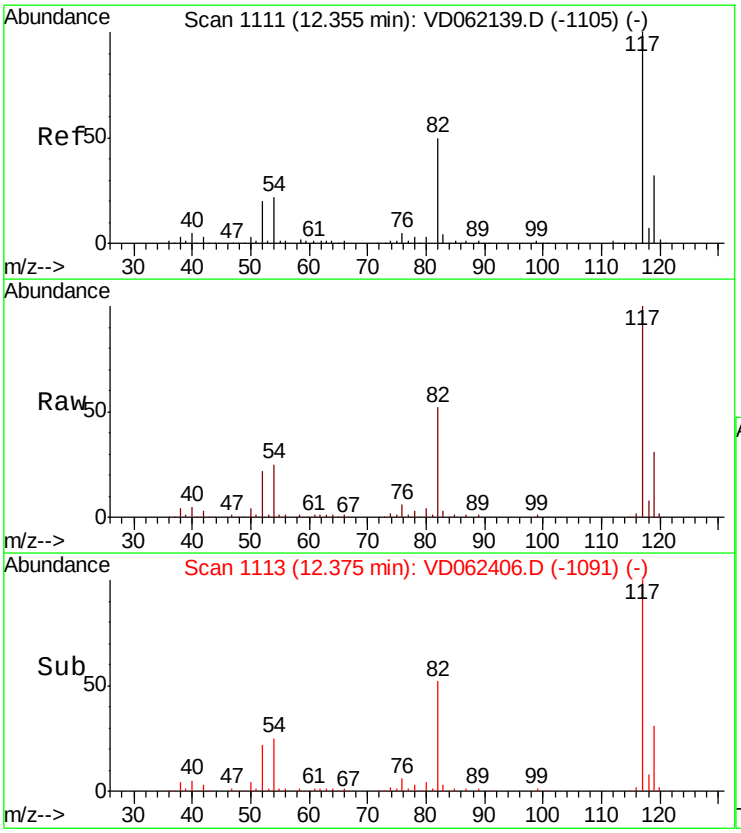
#62
4-Bromofluorobenzene
Concen: 35.050 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062406.D
Acq: 15 May 2019 23:36

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 200720

Ion	Ratio	Lower	Upper
95	100		
174	79.1	0.0	181.8
176	72.1	0.0	174.4

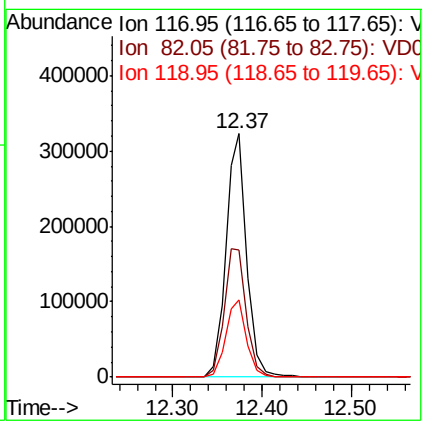


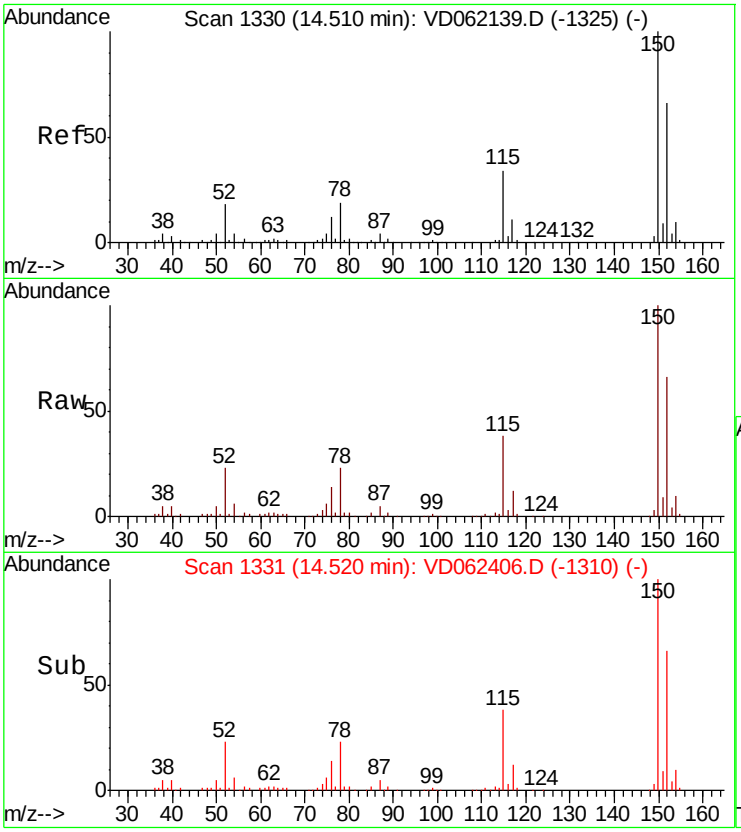


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062406.D
Acq: 15 May 2019 23:36

Tgt Ion:117 Resp: 525467

Ion	Ratio	Lower	Upper
117	100		
82	52.0	36.2	54.2
119	31.5	26.2	39.4



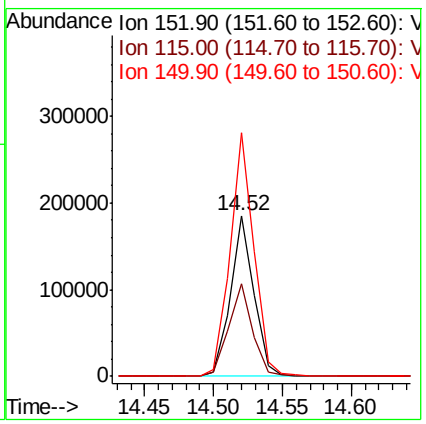


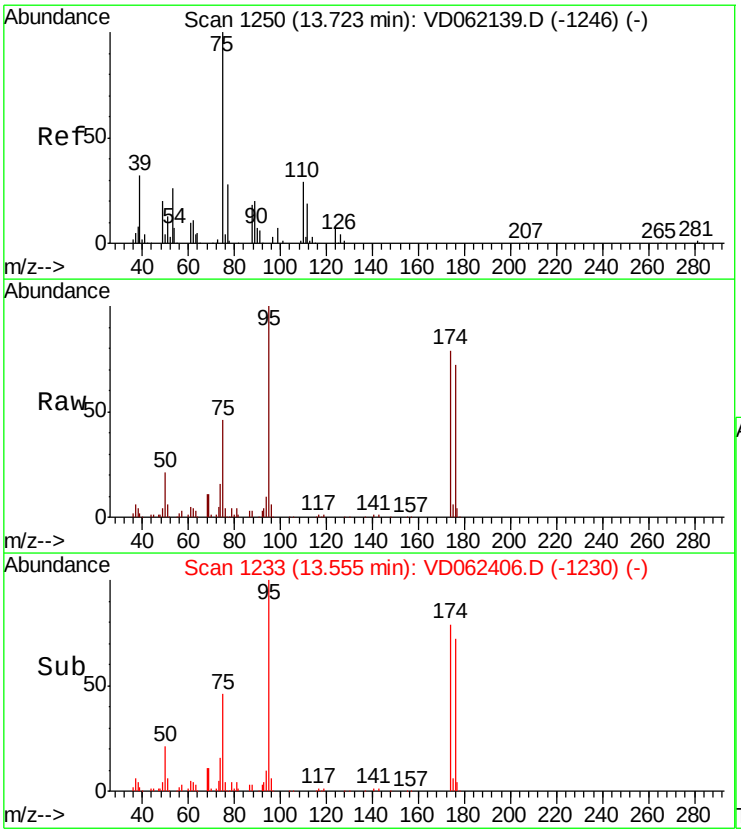
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062406.D
Acq: 15 May 2019 23:36

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 218350

Ion	Ratio	Lower	Upper
152	100		
115	58.1	30.9	92.7
150	151.7	0.0	314.8

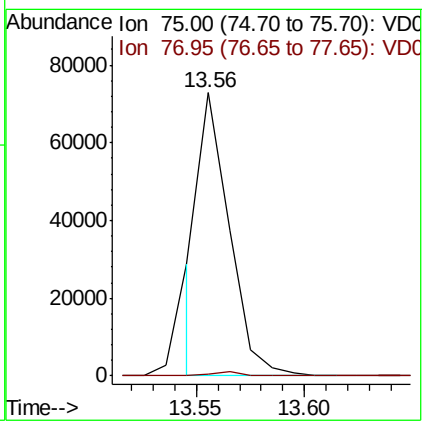


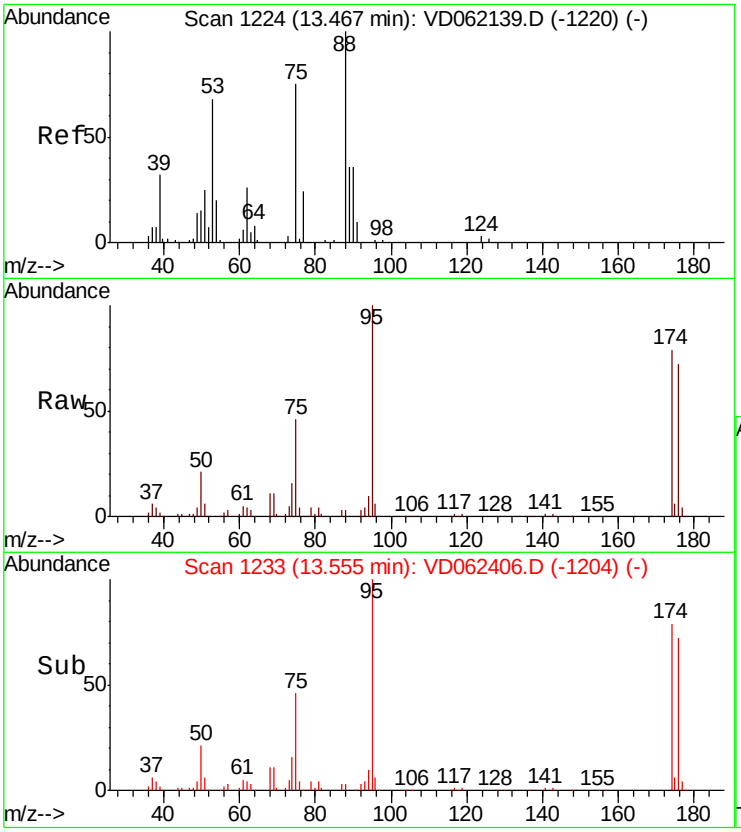


#76
1,2,3-Trichloropropane
Concen: 27.265 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.17 min
Lab File: VD062406.D
Acq: 15 May 2019 23:36

Tgt Ion: 75 Resp: 70750

Ion	Ratio	Lower	Upper
75	100		
77	0.6	16.4	49.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 122.124 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.09 min
Lab File: VD062406.D
Acq: 15 May 2019 23:36

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 89463

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