Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080319\
Data File : VD063372.D
Acq On : 3 Aug 2019 20:06
Operator : VA/AP
Sample : K4135-10
Misc : 5.81g/5ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 1S-A4-(30)

Quant Time: Aug 04 06:09:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	881192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1253585	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	959861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	471866	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	453472	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.76%			
35) Dibromofluoromethane	6.93	113	481504	44.99	ug/l	0.02
Spiked Amount 50.000			Recovery = 89.98%			
50) Toluene-d8	10.40	98	947383	39.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 79.10%			
62) 4-Bromofluorobenzene	13.55	95	414108	37.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 75.88%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.05	59	1230	2.867	ug/l #	69
16) Acetone	3.23	43	8782	4.610	ug/l #	62
20) Methylene Chloride	3.82	84	31558	4.098	ug/l	92
25) 2-Butanone	6.16	43	3416	1.787	ug/l #	56
29) Tetrahydrofuran	6.46	42	1575	1.740	ug/l #	50
31) Cyclohexane	7.04	56	22174	2.546	ug/l #	31
36) 1,1-Dichloropropene	7.05	75	68900	6.022	ug/l #	52
38) Carbon Tetrachloride	7.05	117	86800	5.040	ug/l #	15
52) Toluene	10.51	92	16374	1.027	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.55	75	191298	121.551	ug/l #	3

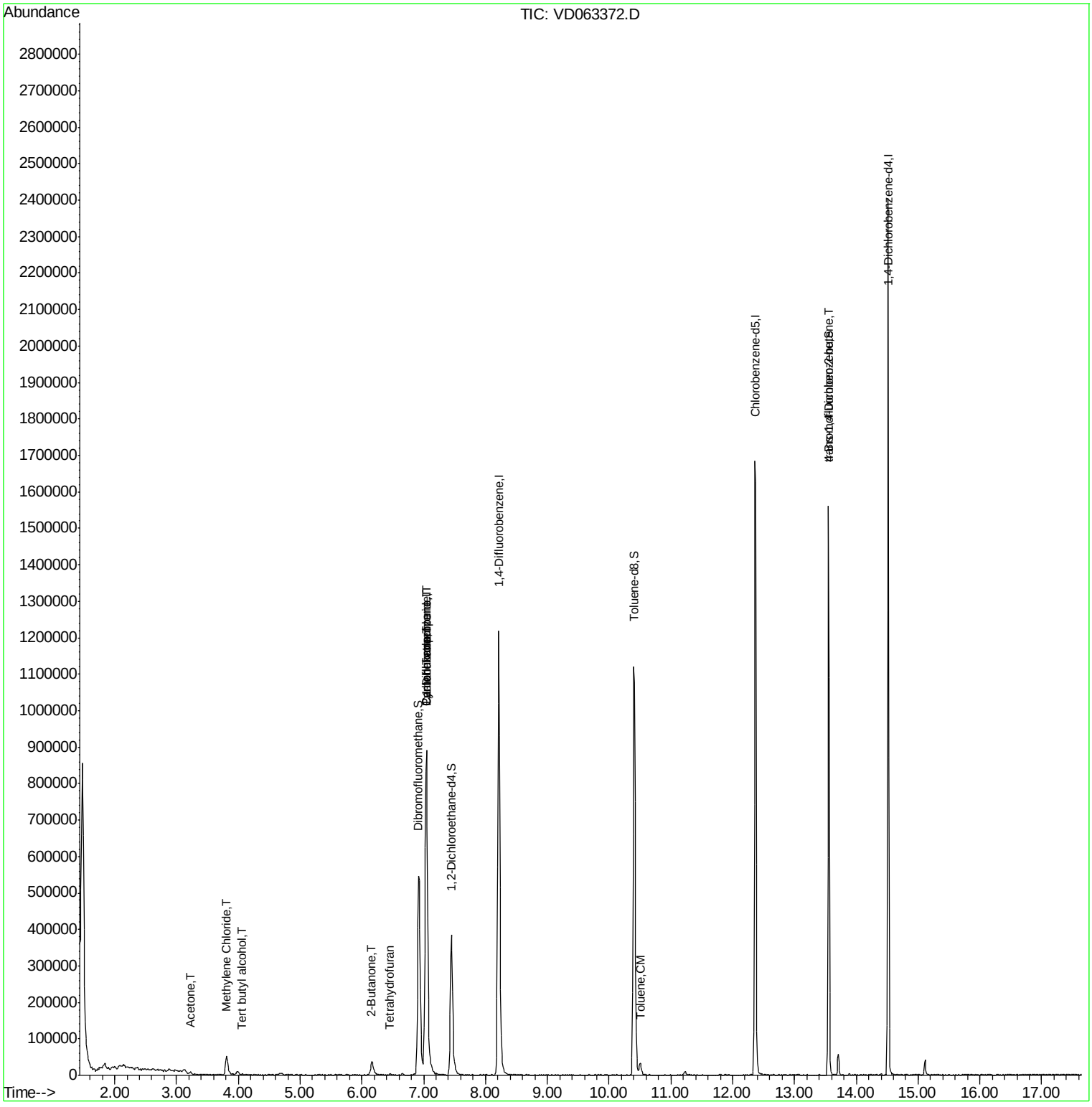
(#) = qualifier out of range (m) = manual integration (+) = signals summed

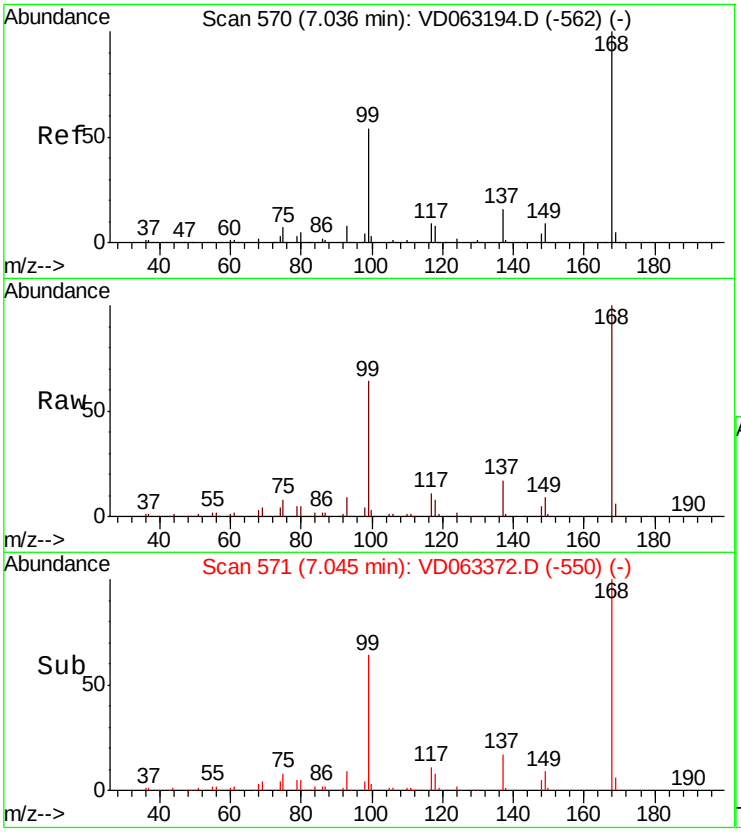
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080319\
Data File : VD063372.D
Acq On : 3 Aug 2019 20:06
Operator : VA/AP
Sample : K4135-10
Misc : 5.81g/5ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
1S-A4-(30)

Quant Time: Aug 04 06:09:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration



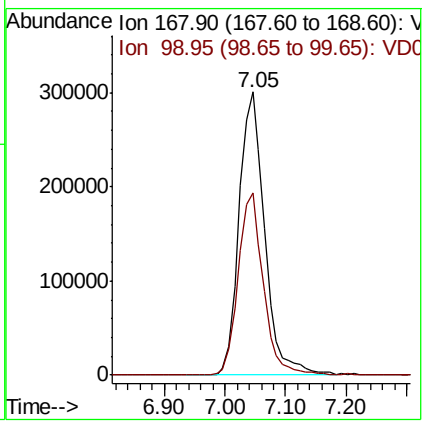


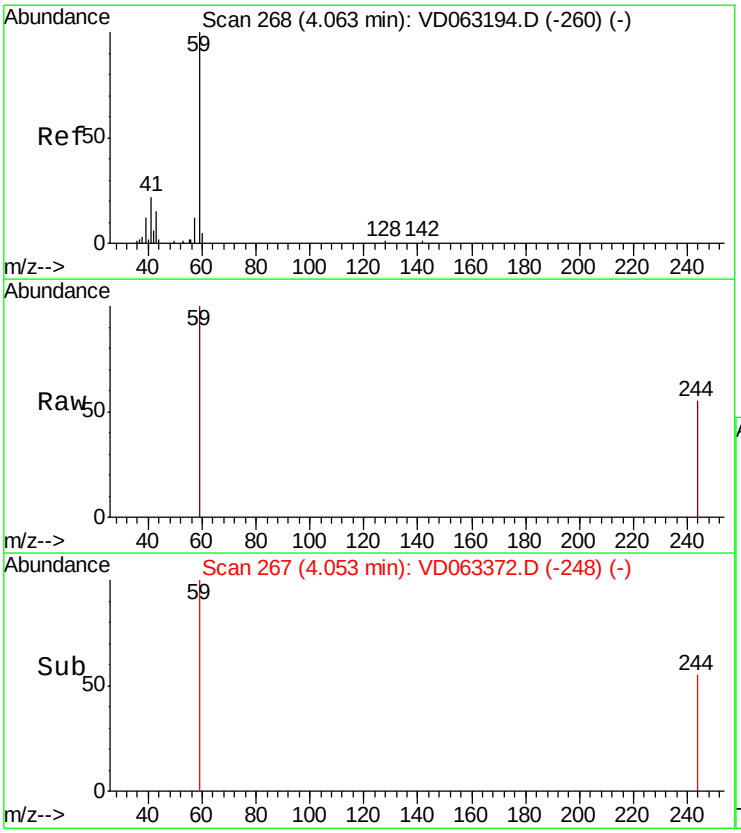
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.01 min
Lab File: VD063372.D
Acq: 3 Aug 2019 20:06

Instrument :
MSVOA_D
ClientSampleId :
1S-A4-(30)

Tgt Ion:168 Resp: 881192

Ion	Ratio	Lower	Upper
168	100		
99	64.4	43.7	65.5

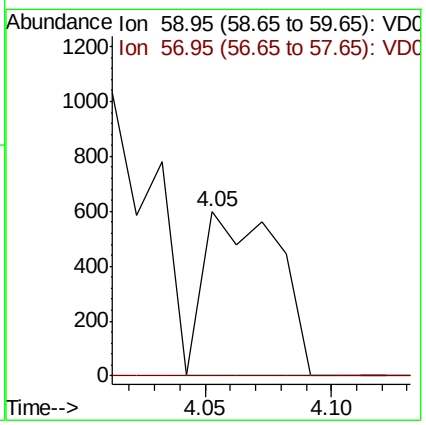


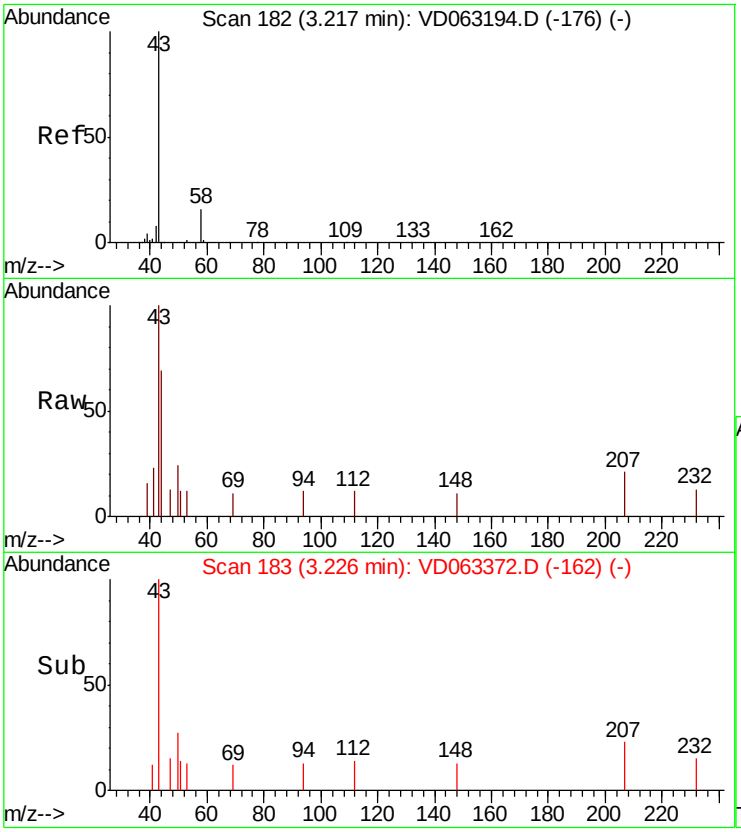


#11
Tert butyl alcohol
Concen: 2.867 ug/l
RT: 4.05 min Scan# 267
Delta R.T. -0.01 min
Lab File: VD063372.D
Acq: 3 Aug 2019 20:06

Tgt Ion: 59 Resp: 1230

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.6	14.4#



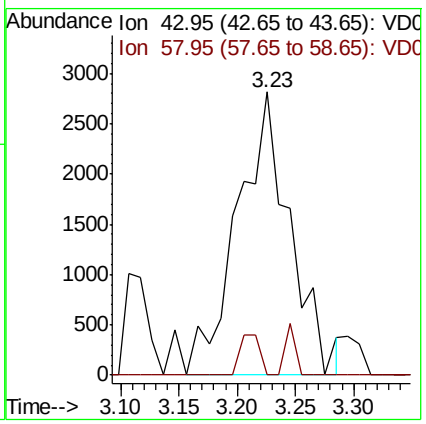


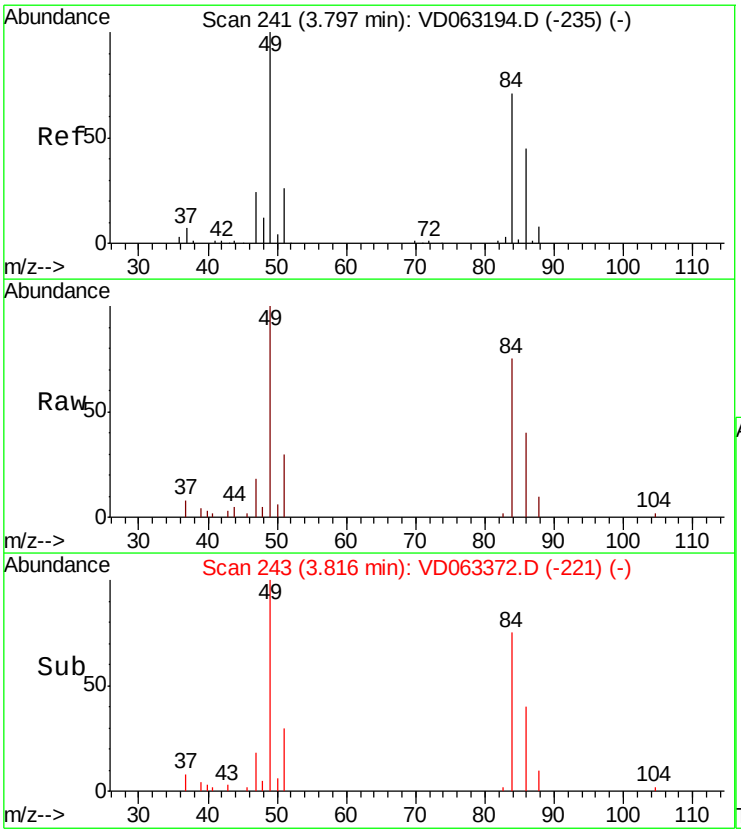
#16
Acetone
Concen: 4.610 ug/l
RT: 3.23 min Scan# 183
Delta R.T. 0.01 min
Lab File: VD063372.D
Acq: 3 Aug 2019 20:06

Instrument :
MSVOA_D
ClientSampleId :
1S-A4-(30)

Tgt Ion: 43 Resp: 8782

Ion	Ratio	Lower	Upper
43	100		
58	0.0	13.0	19.4#

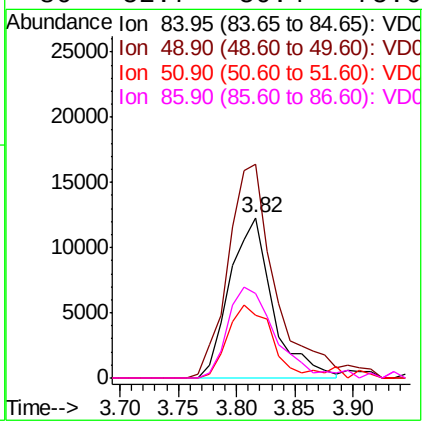


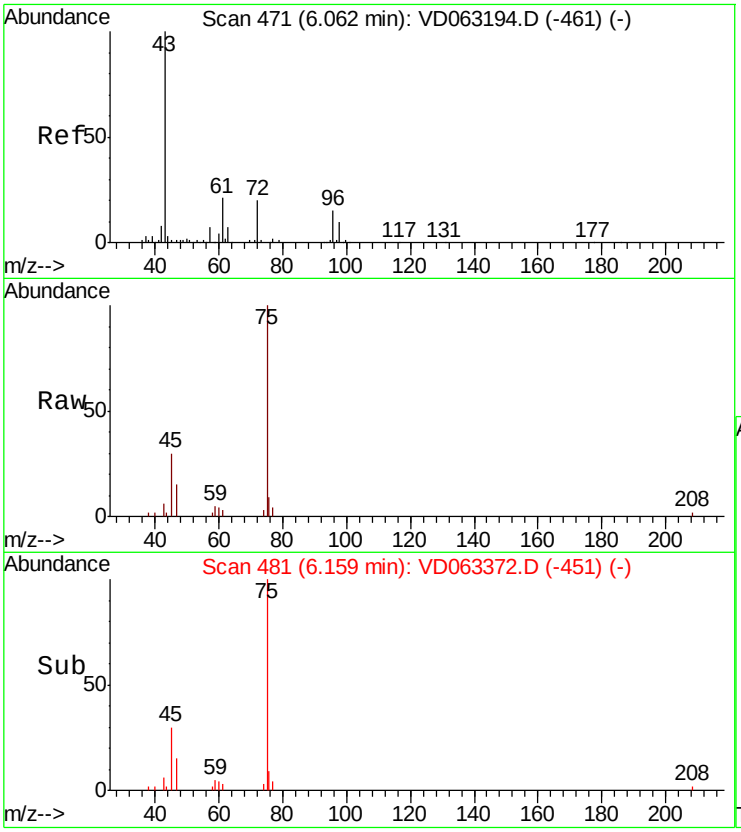


#20
Methylene Chloride
Concen: 4.098 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD063372.D
Acq: 3 Aug 2019 20:06

Tgt Ion: 84 Resp: 31558

Ion	Ratio	Lower	Upper
84	100		
49	133.1	112.5	168.7
51	39.3	29.6	44.4
86	52.7	50.4	75.6



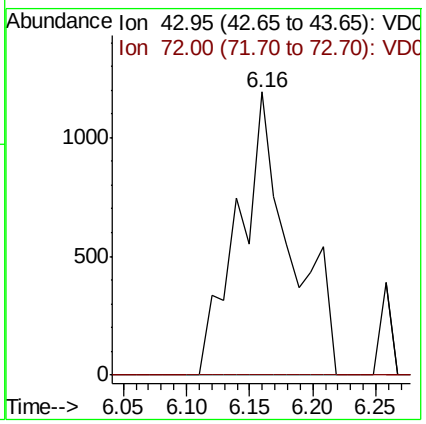


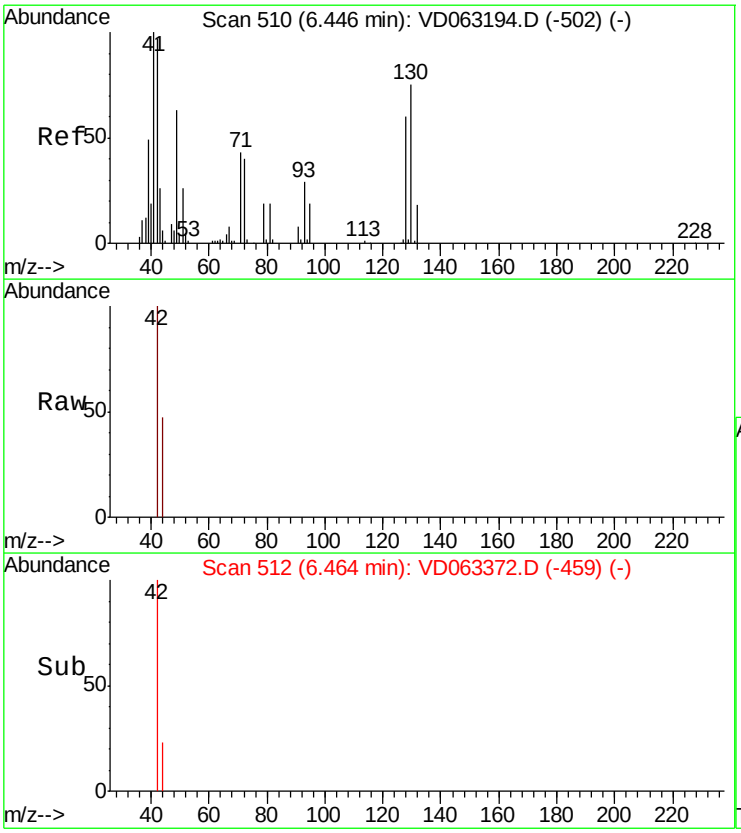
#25
2-Butanone
Concen: 1.787 ug/l
RT: 6.16 min Scan# 481
Delta R.T. 0.10 min
Lab File: VD063372.D
Acq: 3 Aug 2019 20:06

Instrument :
MSVOA_D
ClientSampleId :
1S-A4-(30)

Tgt Ion: 43 Resp: 3416

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.3	24.5#

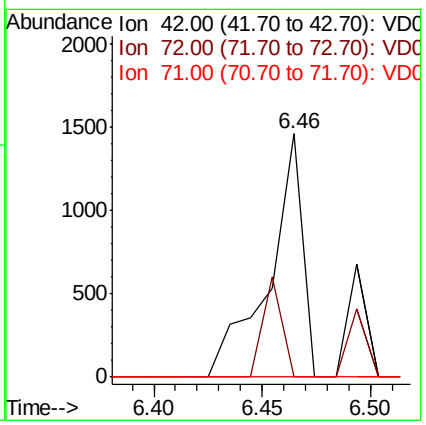


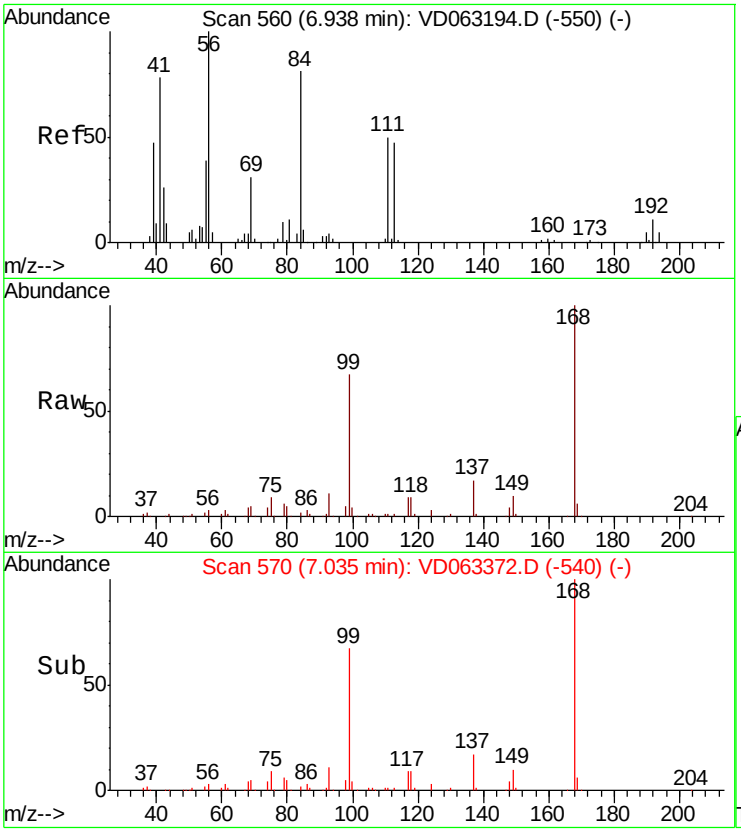


#29
Tetrahydrofuran
Concen: 1.740 ug/l
RT: 6.46 min Scan# 512
Delta R.T. 0.02 min
Lab File: VD063372.D
Acq: 3 Aug 2019 20:06

Tgt Ion: 42 Resp: 1575

Ion	Ratio	Lower	Upper
42	100		
72	22.5	33.4	50.2#
71	0.0	35.7	53.5#



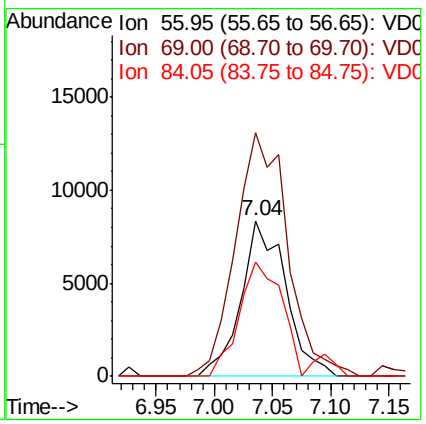


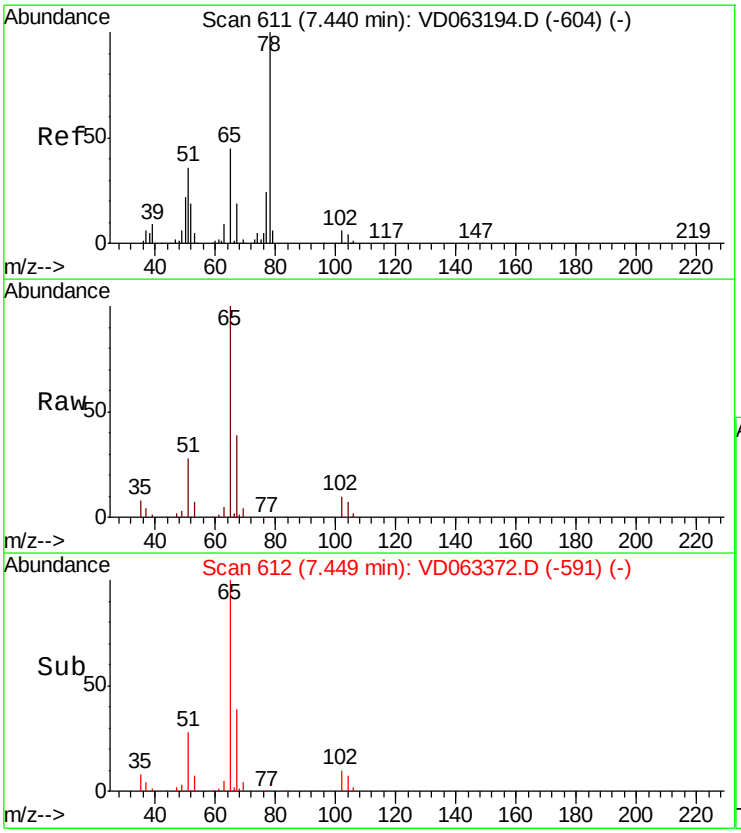
#31
Cyclohexane
Concen: 2.546 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.10 min
Lab File: VD063372.D
Acq: 3 Aug 2019 20:06

Instrument :
MSVOA_D
ClientSampleId :
1S-A4-(30)

Tgt Ion: 56 Resp: 22174

Ion	Ratio	Lower	Upper
56	100		
69	156.5	24.5	36.7#
84	73.7	64.9	97.3

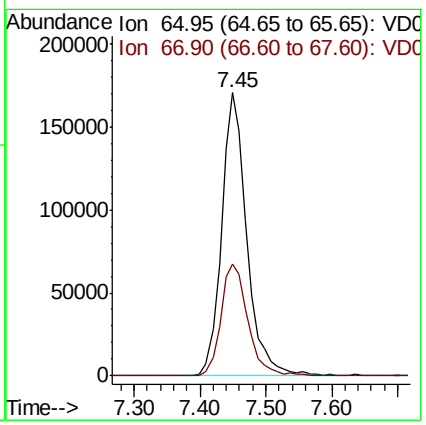


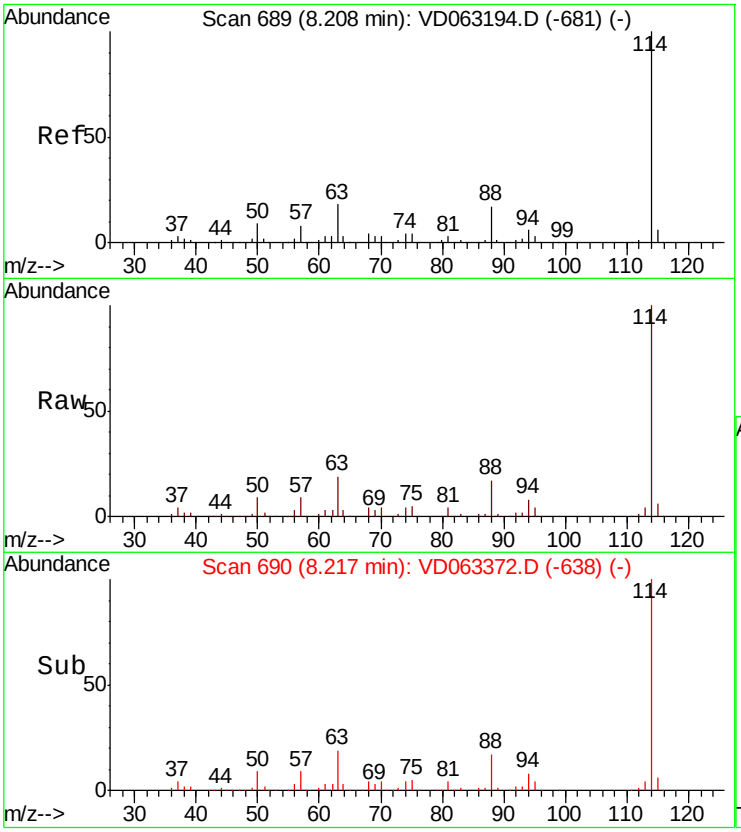


#33
1,2-Dichloroethane-d4
Concen: 46.378 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.01 min
Lab File: VD063372.D
Acq: 3 Aug 2019 20:06

Tgt Ion: 65 Resp: 453472

Ion	Ratio	Lower	Upper
65	100		
67	39.5	0.0	85.8



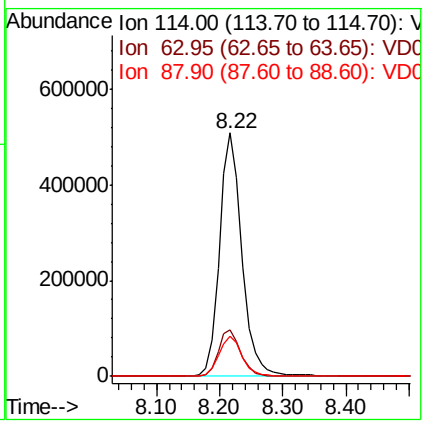


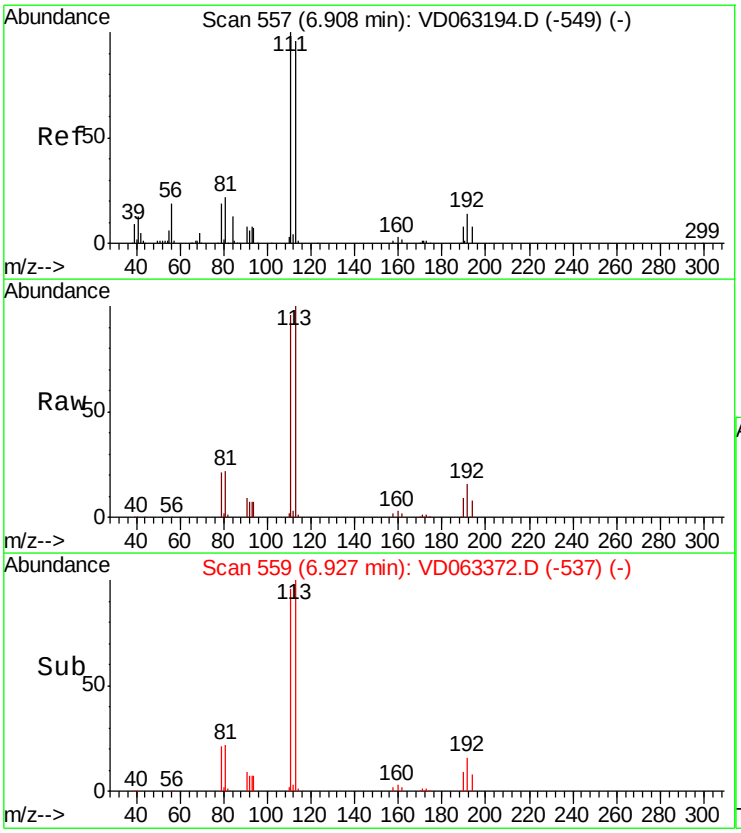
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. 0.01 min
Lab File: VD063372.D
Acq: 3 Aug 2019 20:06

Instrument :
MSVOA_D
ClientSampleId :
1S-A4-(30)

Tgt Ion:114 Resp: 1253585

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	35.2
88	16.7	0.0	34.6

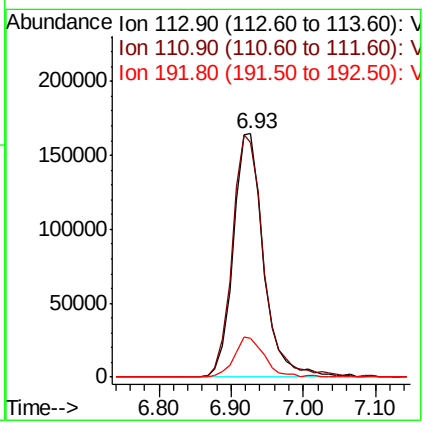


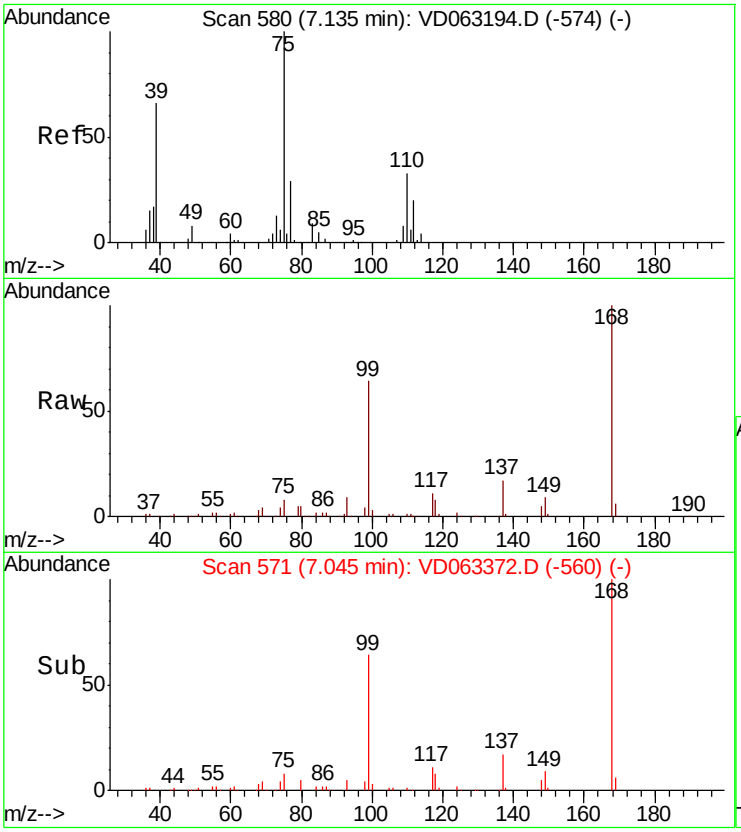


#35
Dibromofluoromethane
Concen: 44.988 ug/l
RT: 6.93 min Scan# 559
Delta R.T. 0.02 min
Lab File: VD063372.D
Acq: 3 Aug 2019 20:06

Tgt Ion:113 Resp: 481504

Ion	Ratio	Lower	Upper
113	100		
111	96.2	83.2	124.8
192	16.1	11.8	17.8



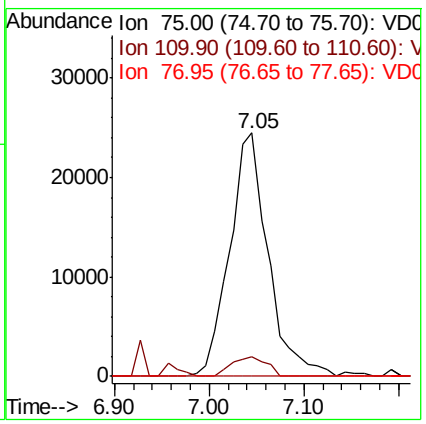


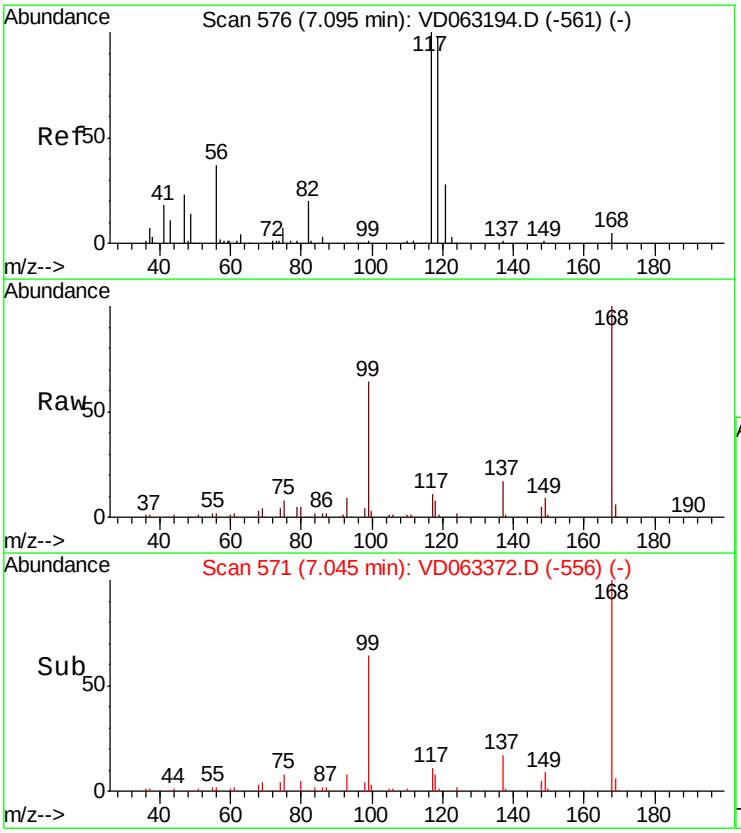
#36
1,1-Dichloropropene
Concen: 6.022 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.09 min
Lab File: VD063372.D
Acq: 3 Aug 2019 20:06

Instrument :
MSVOA_D
ClientSampleId :
1S-A4-(30)

Tgt Ion: 75 Resp: 68900

Ion	Ratio	Lower	Upper
75	100		
110	7.9	16.1	48.2#
77	0.0	22.7	34.1#

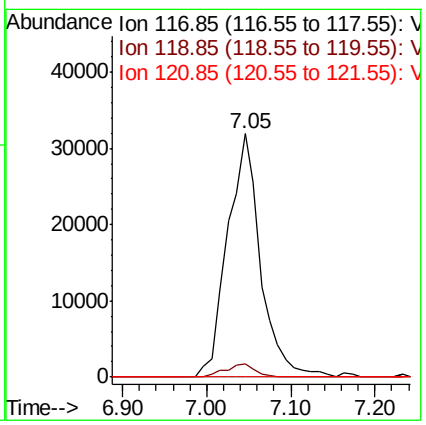


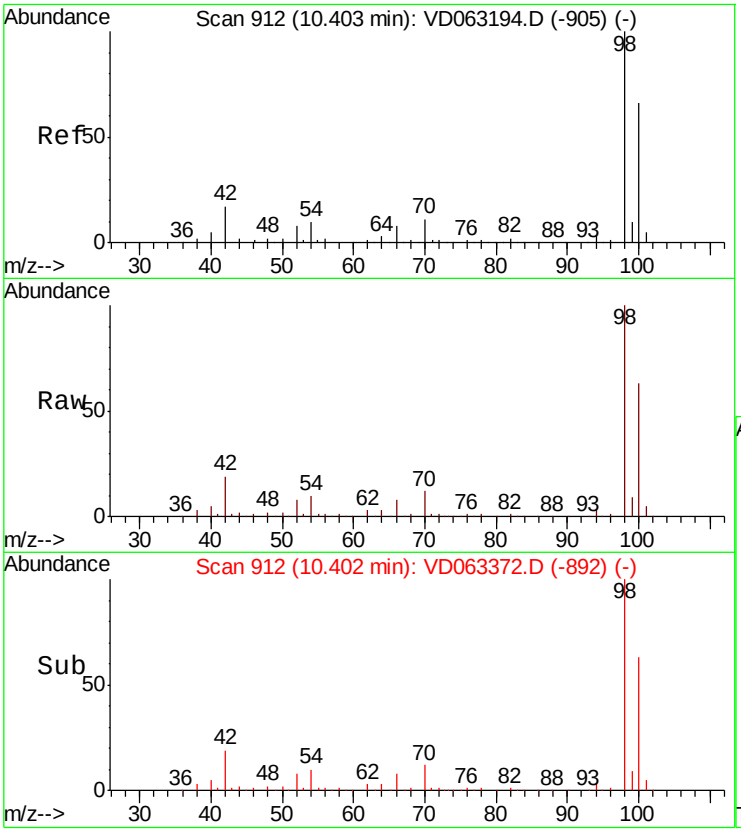


#38
Carbon Tetrachloride
Concen: 5.040 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.05 min
Lab File: VD063372.D
Acq: 3 Aug 2019 20:06

Tgt Ion:117 Resp: 86800

Ion	Ratio	Lower	Upper
117	100		
119	5.2	78.2	117.2#
121	0.0	22.1	33.1#



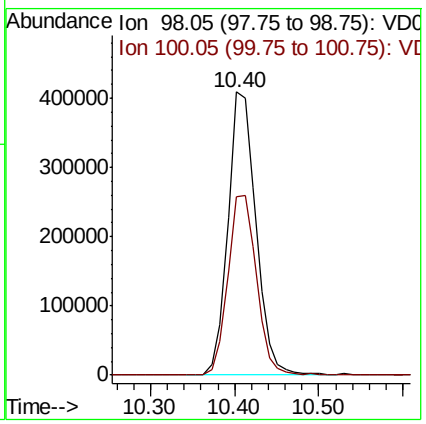


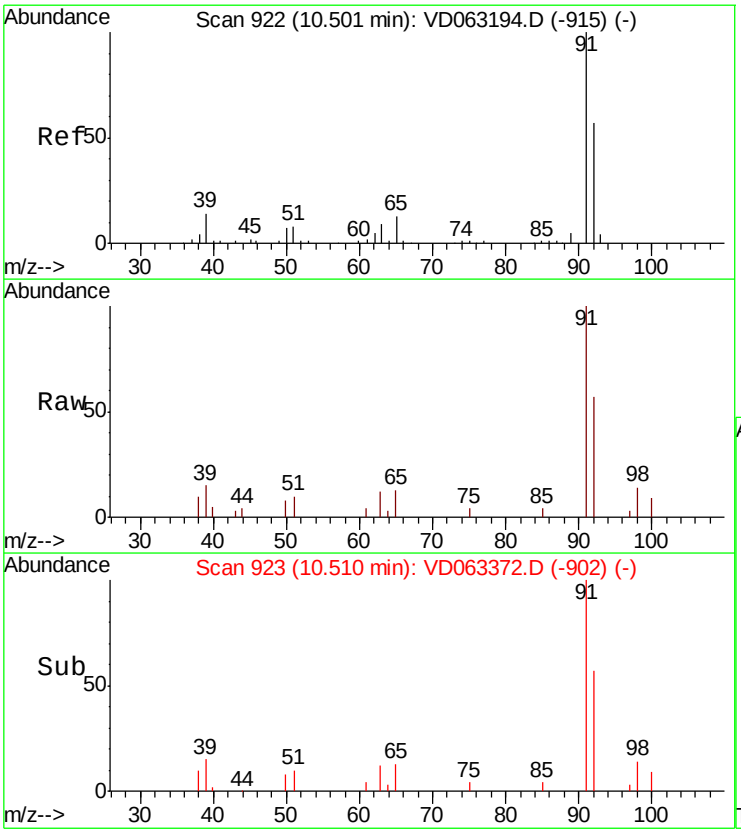
#50
Toluene-d8
Concen: 39.552 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD063372.D
Acq: 3 Aug 2019 20:06

Instrument :
MSVOA_D
ClientSampleId :
1S-A4-(30)

Tgt Ion: 98 Resp: 947383

Ion	Ratio	Lower	Upper
98	100		
100	63.2	53.2	79.8

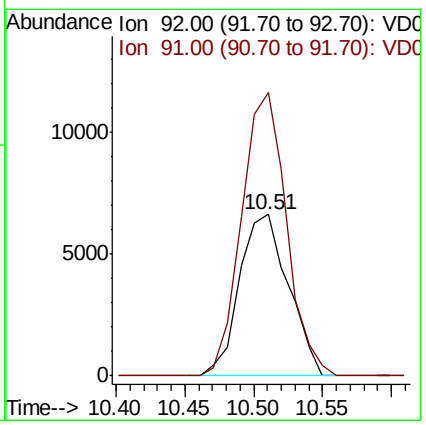


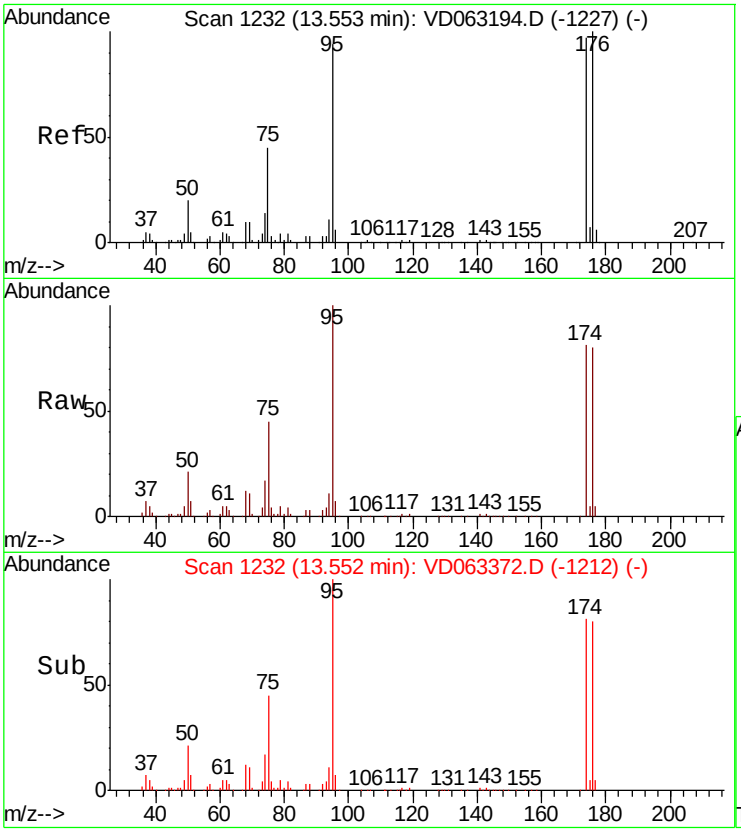


#52
Toluene
Concen: 1.027 ug/l
RT: 10.51 min Scan# 923
Delta R.T. 0.01 min
Lab File: VD063372.D
Acq: 3 Aug 2019 20:06

Tgt Ion: 92 Resp: 16374

Ion	Ratio	Lower	Upper
92	100		
91	175.2	140.8	211.2



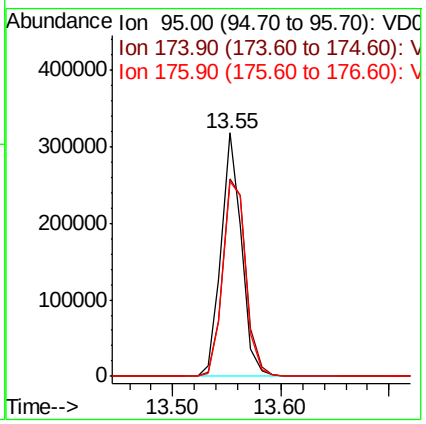


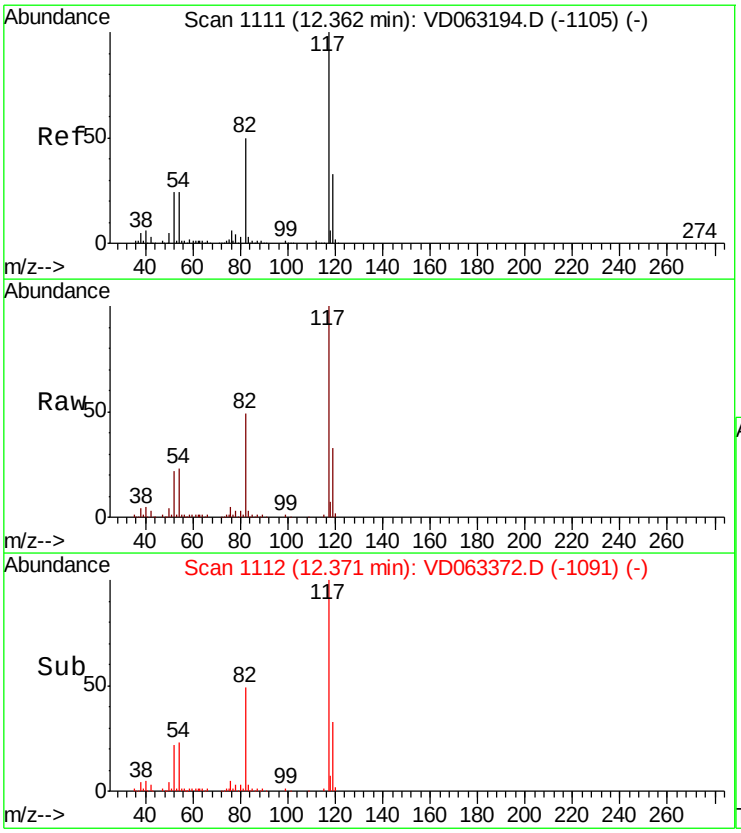
#62
4-Bromofluorobenzene
Concen: 37.938 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063372.D
Acq: 3 Aug 2019 20:06

Instrument : MSVOA_D
ClientSampleId : 1S-A4-(30)

Tgt Ion: 95 Resp: 414108

Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	205.4
176	80.2	0.0	211.8

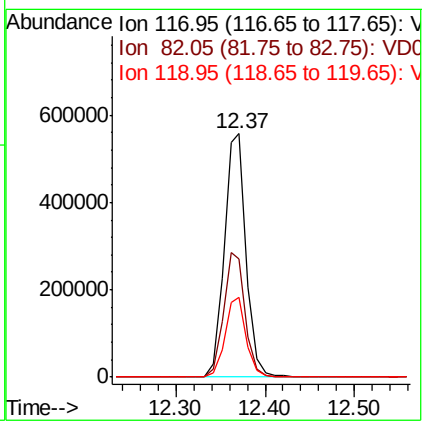


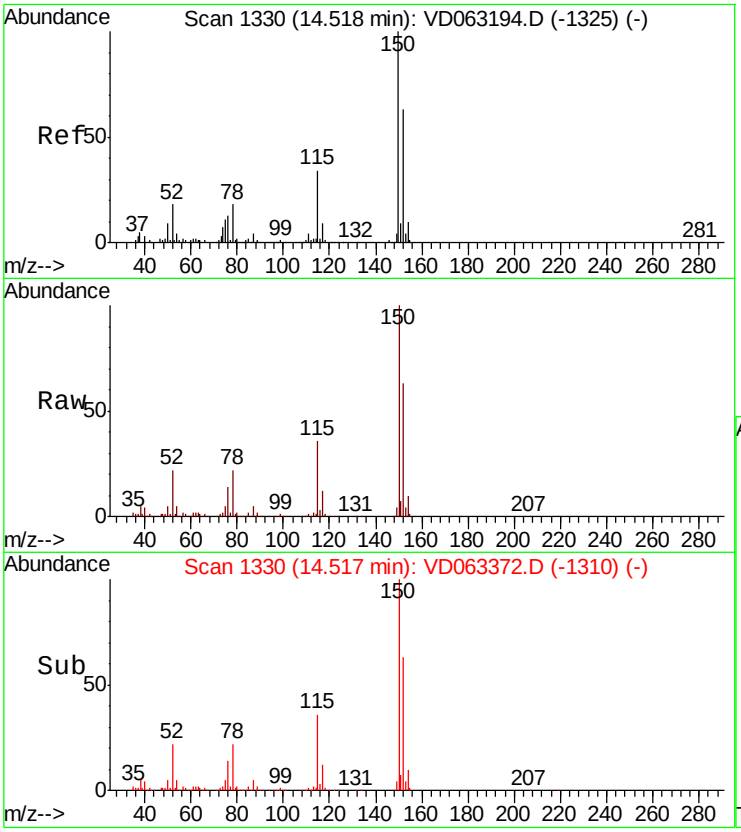


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063372.D
Acq: 3 Aug 2019 20:06

Tgt Ion:117 Resp: 959861

Ion	Ratio	Lower	Upper
117	100		
82	48.7	40.1	60.1
119	32.8	26.5	39.7



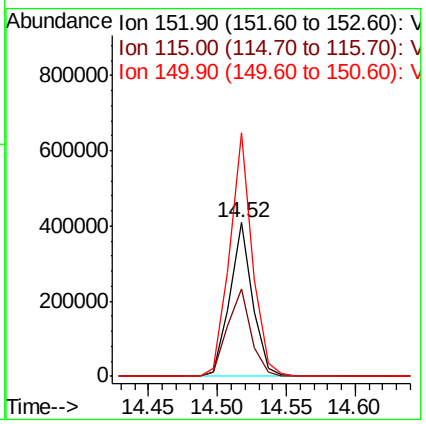


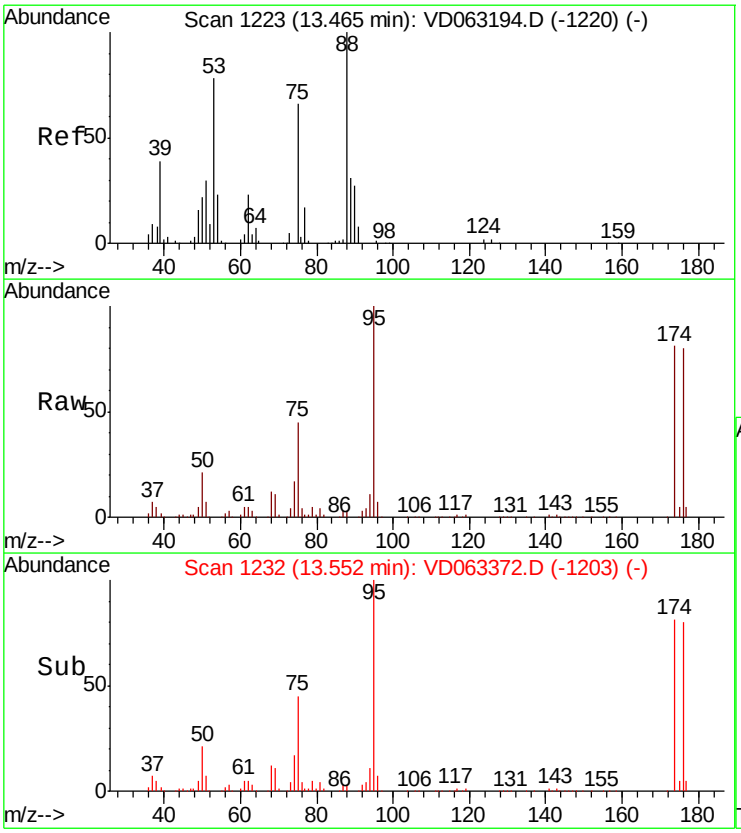
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063372.D
Acq: 3 Aug 2019 20:06

Instrument :
MSVOA_D
ClientSampleId :
1S-A4-(30)

Tgt Ion:152 Resp: 471866

Ion	Ratio	Lower	Upper
152	100		
115	56.6	27.5	82.4
150	158.4	0.0	320.6





#81
trans-1,4-Dichloro-2-butene
Concen: 121.551 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.09 min
Lab File: VD063372.D
Acq: 3 Aug 2019 20:06

Tgt Ion: 75 Resp: 191298

Ion	Ratio	Lower	Upper
75	100		
53	0.0	94.9	142.3#
89	0.0	37.4	56.0#