Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121318\
Data File : VD060553.D
Acq On : 13 Dec 2018 11:21
Operator : VA/AP
Sample : VD1213SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD1213SBL01

Quant Time: Dec 14 01:03:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1593897	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.43	114	2173331	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.26	117	1759237	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	862626	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	552282	48.89	ug/l	-0.03
Spiked Amount 50.000			Recovery = 97.78%			
35) Dibromofluoromethane	6.31	113	801982	50.24	ug/l	-0.02
Spiked Amount 50.000			Recovery = 100.48%			
50) Toluene-d8	9.43	98	2310883	50.02	ug/l	-0.03
Spiked Amount 50.000			Recovery = 100.04%			
62) 4-Bromofluorobenzene	12.42	95	776159	46.96	ug/l	-0.02
Spiked Amount 50.000			Recovery = 93.92%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.61	85	2116	Below Cal	#	41
11) Tert butyl alcohol	3.94	59	674	1.468	ug/l #	73
16) Acetone	3.16	43	10931	6.036	ug/l #	84
18) Methyl Acetate	3.56	43	5020	1.166	ug/l #	64
20) Methylene Chloride	3.73	84	49220	Below Cal		96
25) 2-Butanone	5.62	43	7006	1.966	ug/l #	59
29) Tetrahydrofuran	5.94	42	2995	1.484	ug/l #	60
31) Cyclohexane	6.39	56	32715	Below Cal	#	1
36) 1,1-Dichloropropene	6.39	75	116546	5.486	ug/l #	48
38) Carbon Tetrachloride	6.39	117	124588	6.533	ug/l #	16
81) trans-1,4-Dichloro-2-buten	12.42	75	313887	115.144	ug/l #	14
89) n-Butylbenzene	13.64	91	6583	Below Cal		89

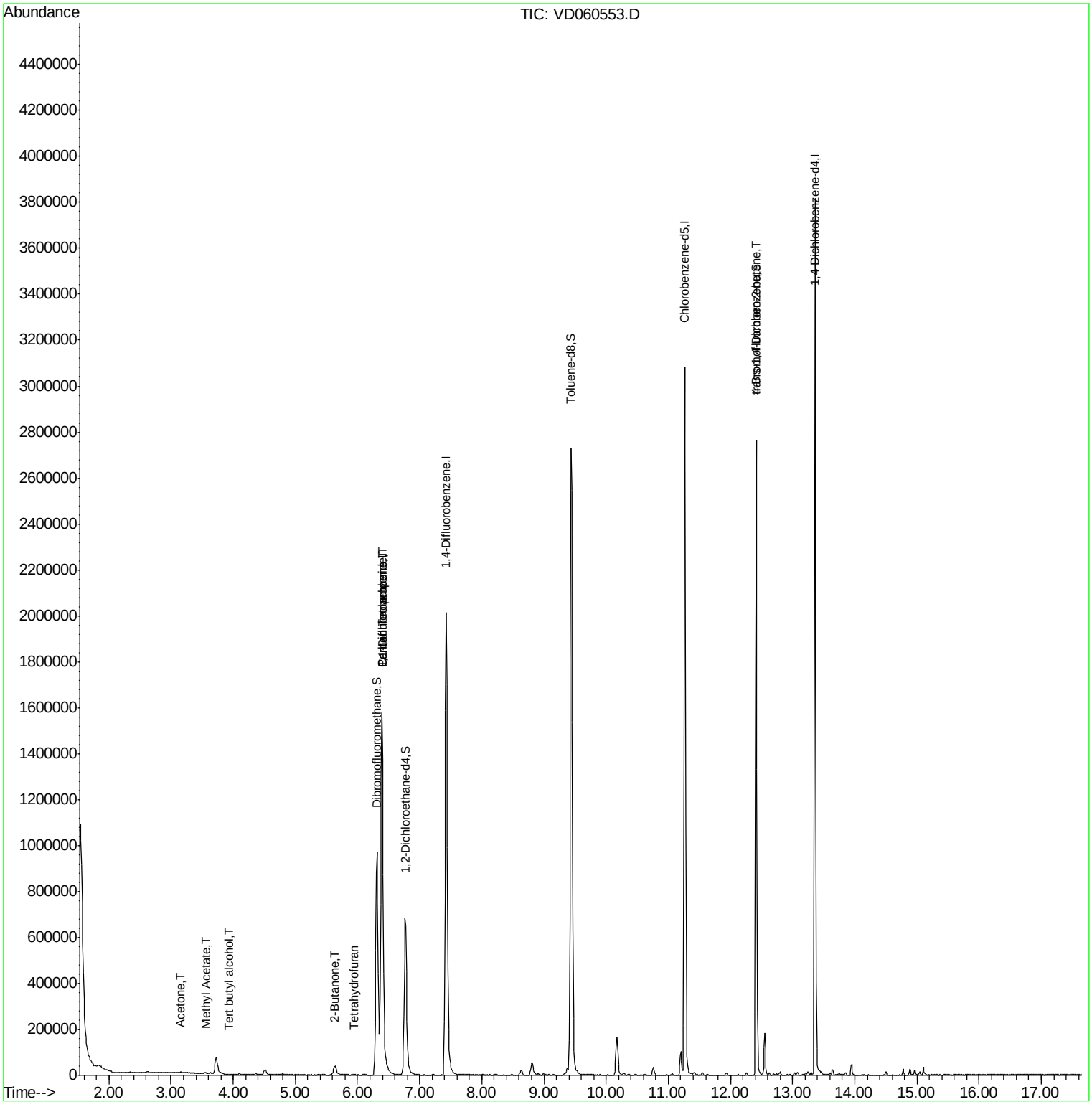
(#) = qualifier out of range (m) = manual integration (+) = signals summed

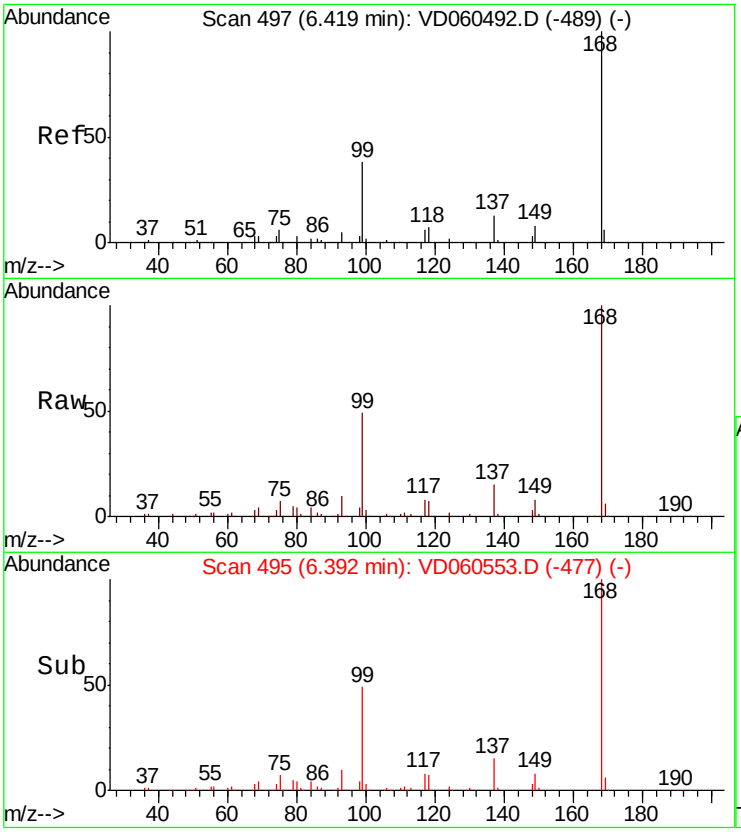
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121318\
Data File : VD060553.D
Acq On : 13 Dec 2018 11:21
Operator : VA/AP
Sample : VD1213SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBL01

Quant Time: Dec 14 01:03:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration



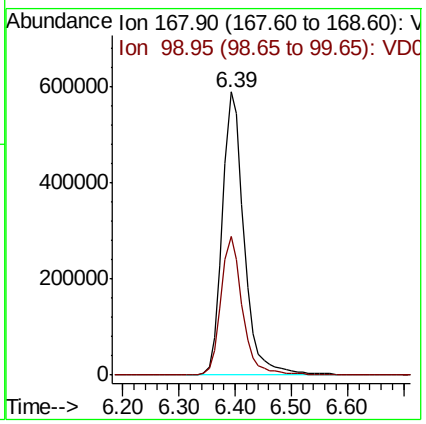


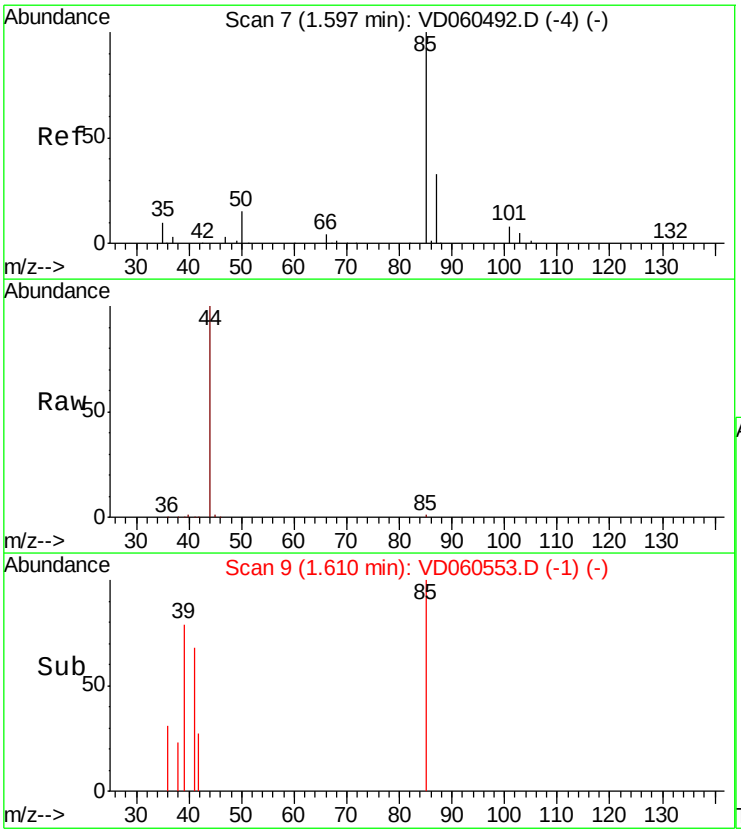
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.39 min Scan# 495
Delta R.T. -0.03 min
Lab File: VD060553.D
Acq: 13 Dec 2018 11:21

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBL01

Tgt Ion:168 Resp: 1593897

Ion	Ratio	Lower	Upper
168	100		
99	49.0	35.6	53.4

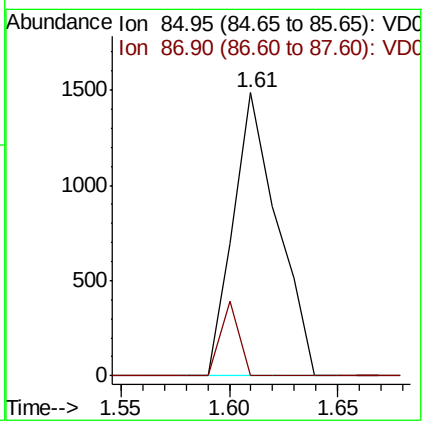


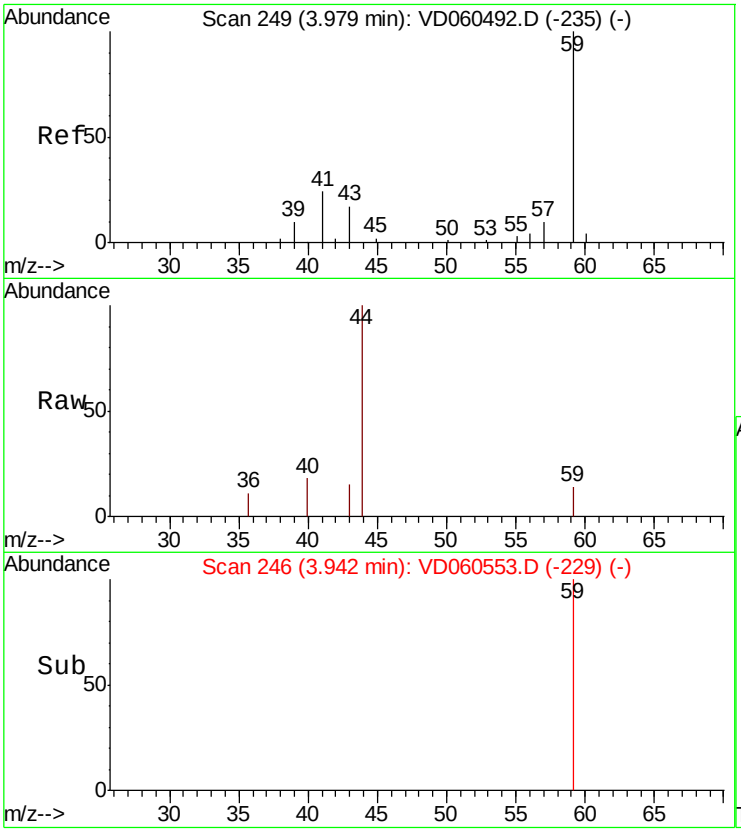


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.61 min Scan# 9
Delta R.T. 0.01 min
Lab File: VD060553.D
Acq: 13 Dec 2018 11:21

Tgt Ion: 85 Resp: 2116

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.7	50.0#



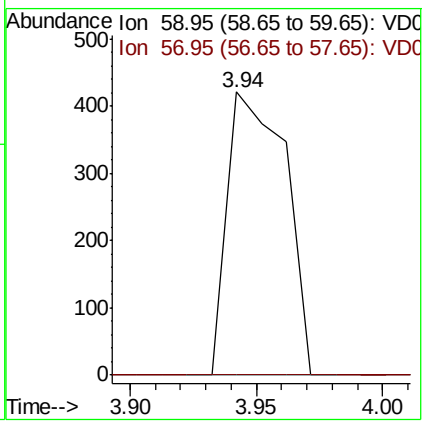


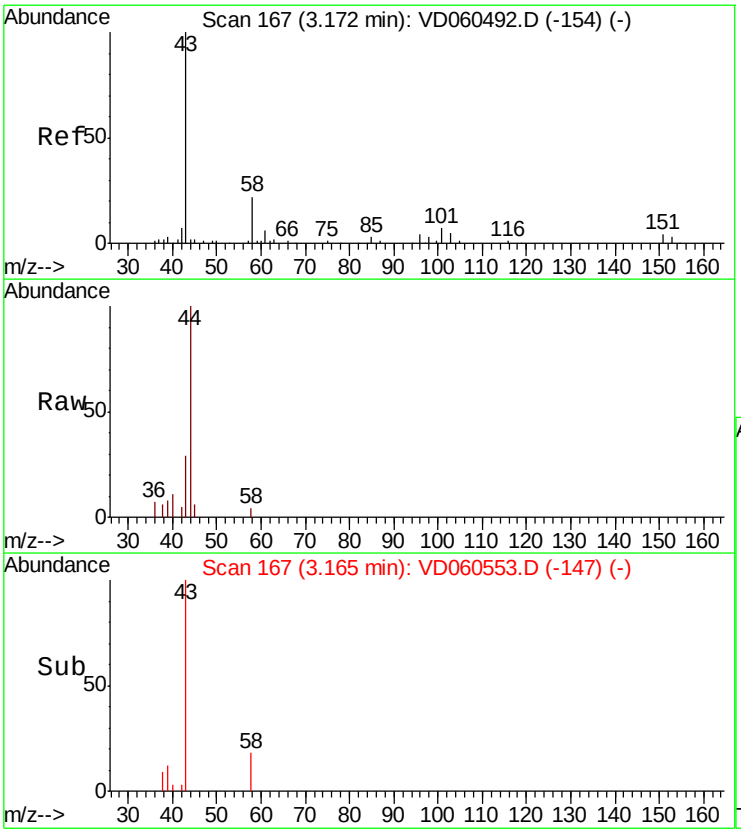
#11
Tert butyl alcohol
Concen: 1.468 ug/l
RT: 3.94 min Scan# 246
Delta R.T. -0.04 min
Lab File: VD060553.D
Acq: 13 Dec 2018 11:21

Instrument : MSVOA_D
ClientSampleId : VD1213SBL01

Tgt Ion: 59 Resp: 674

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.1	12.1#

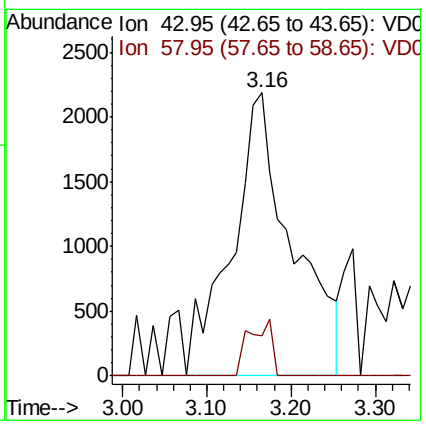


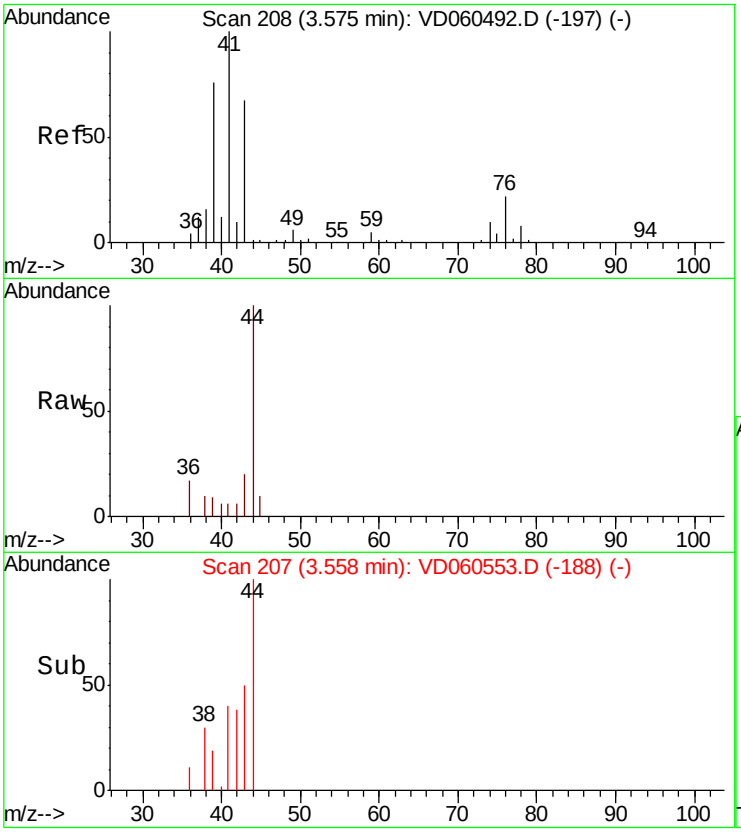


#16
Acetone
Concen: 6.036 ug/l
RT: 3.16 min Scan# 167
Delta R.T. -0.01 min
Lab File: VD060553.D
Acq: 13 Dec 2018 11:21

Tgt Ion: 43 Resp: 10931

Ion	Ratio	Lower	Upper
43	100		
58	14.0	17.3	25.9#



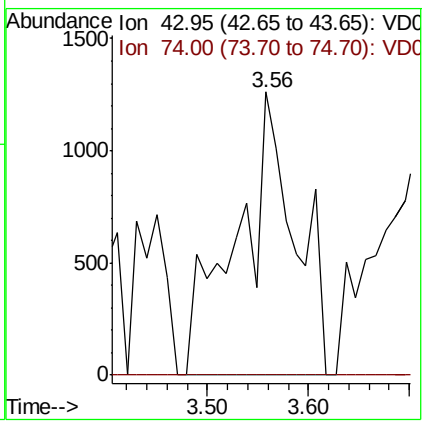


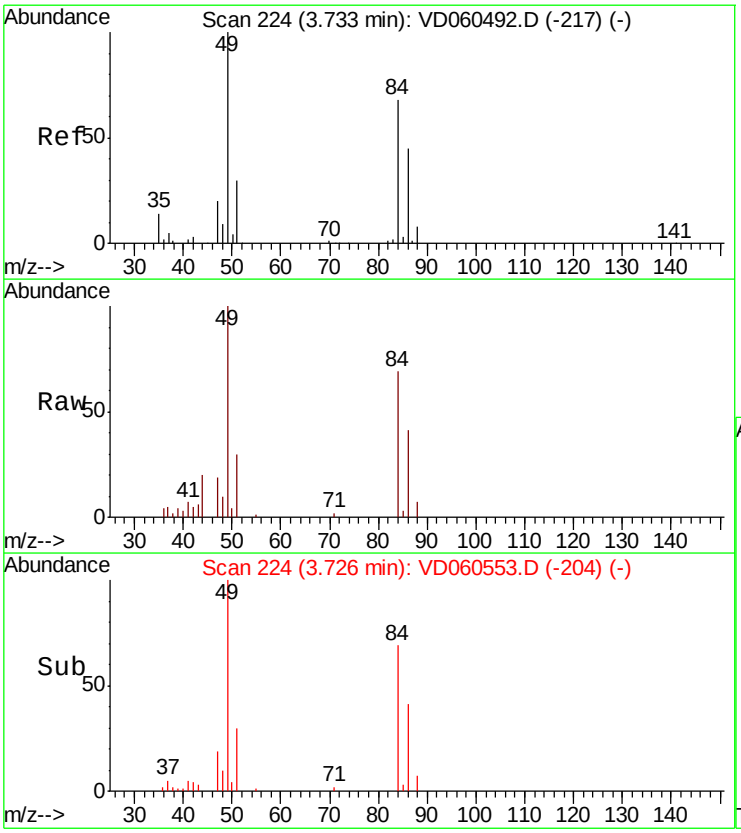
#18
Methyl Acetate
Concen: 1.166 ug/l
RT: 3.56 min Scan# 207
Delta R.T. -0.02 min
Lab File: VD060553.D
Acq: 13 Dec 2018 11:21

Instrument : MSVOA_D
ClientSampleId : VD1213SBL01

Tgt Ion: 43 Resp: 5020

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.0	18.0#

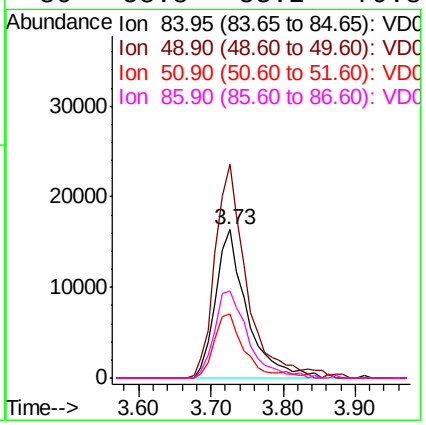


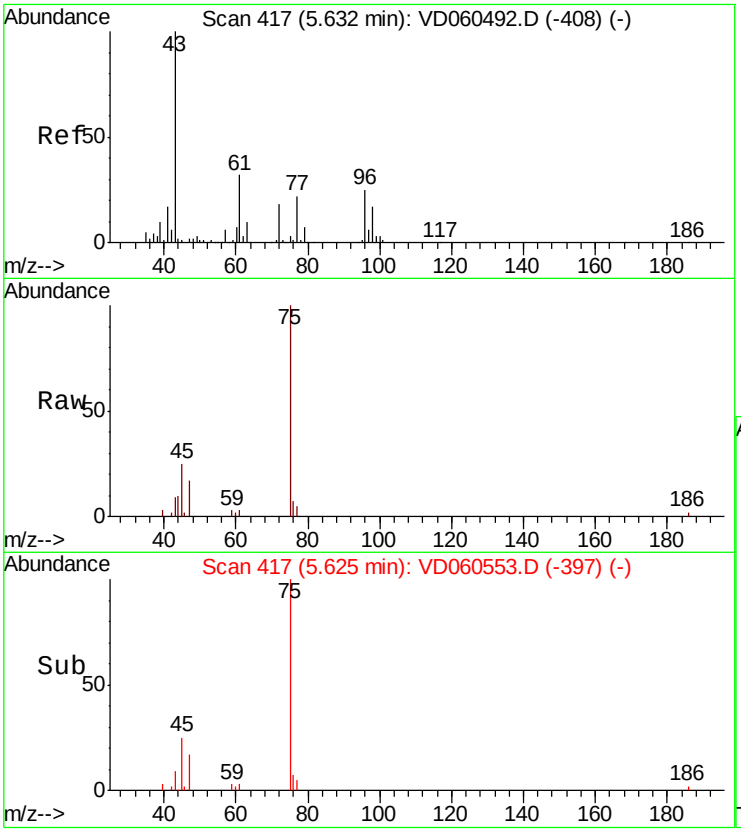


#20
Methylene Chloride
Concen: Below Cal
RT: 3.73 min Scan# 224
Delta R.T. -0.01 min
Lab File: VD060553.D
Acq: 13 Dec 2018 11:21

Tgt Ion: 84 Resp: 49220

Ion	Ratio	Lower	Upper
84	100		
49	144.0	117.2	175.8
51	43.1	35.3	52.9
86	58.8	53.2	79.8



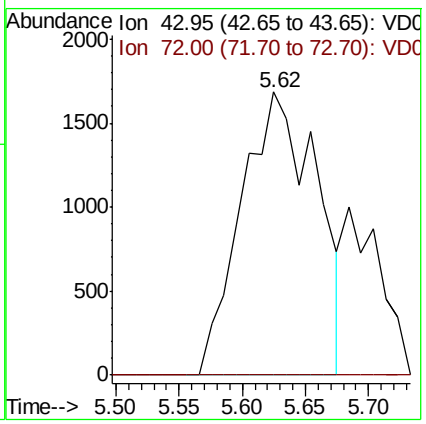


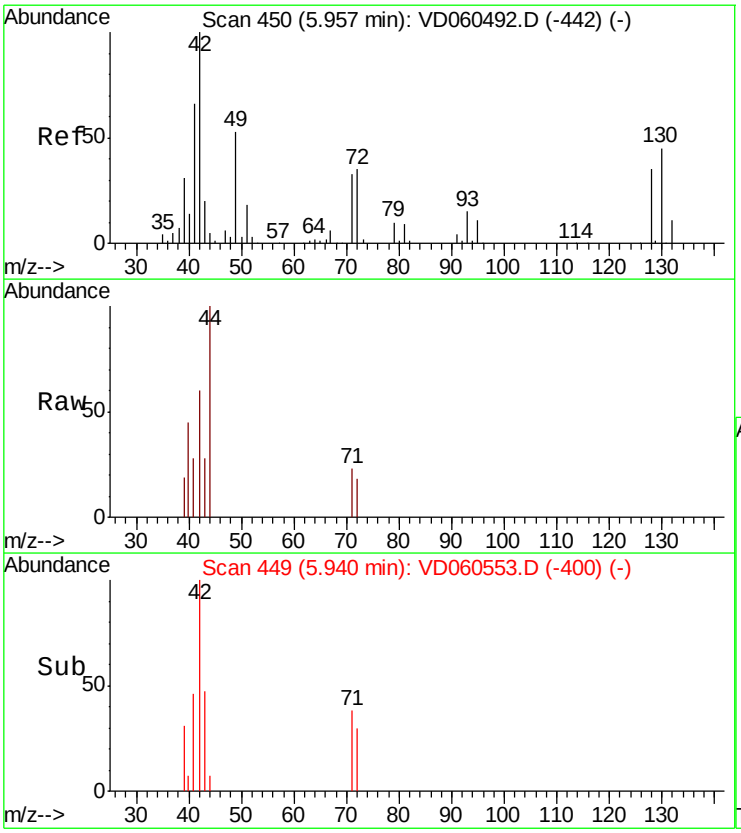
#25
2-Butanone
Concen: 1.966 ug/l
RT: 5.62 min Scan# 417
Delta R.T. -0.01 min
Lab File: VD060553.D
Acq: 13 Dec 2018 11:21

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBL01

Tgt Ion: 43 Resp: 7006

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.6	21.8#

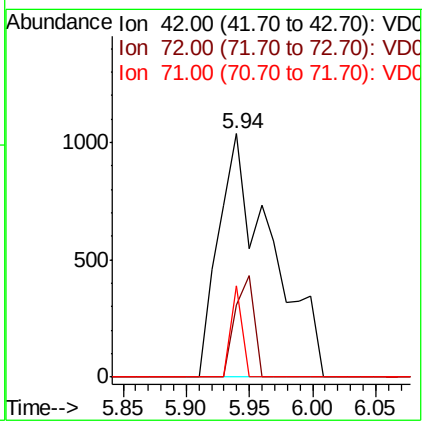


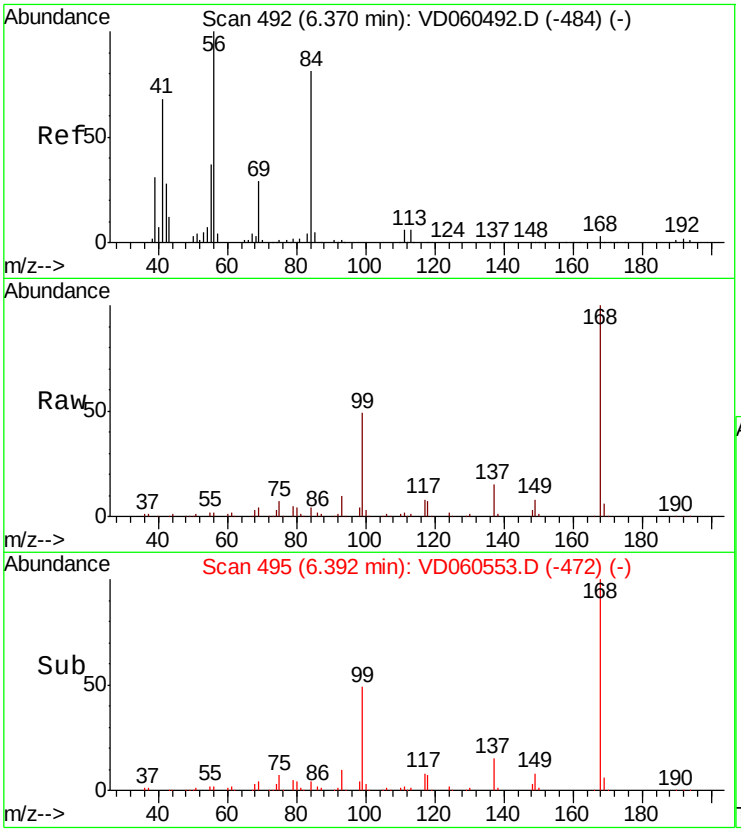


#29
Tetrahydrofuran
Concen: 1.484 ug/l
RT: 5.94 min Scan# 449
Delta R.T. -0.02 min
Lab File: VD060553.D
Acq: 13 Dec 2018 11:21

Tgt Ion: 42 Resp: 2995

Ion	Ratio	Lower	Upper
42	100		
72	14.6	28.0	42.0#
71	7.7	27.2	40.8#



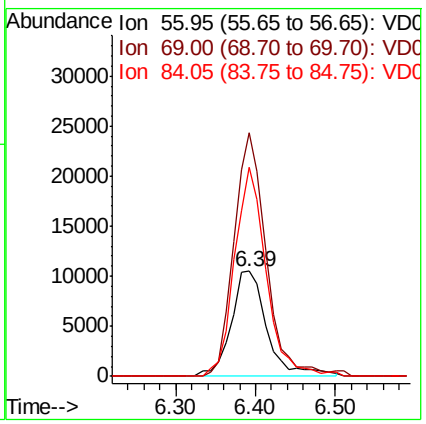


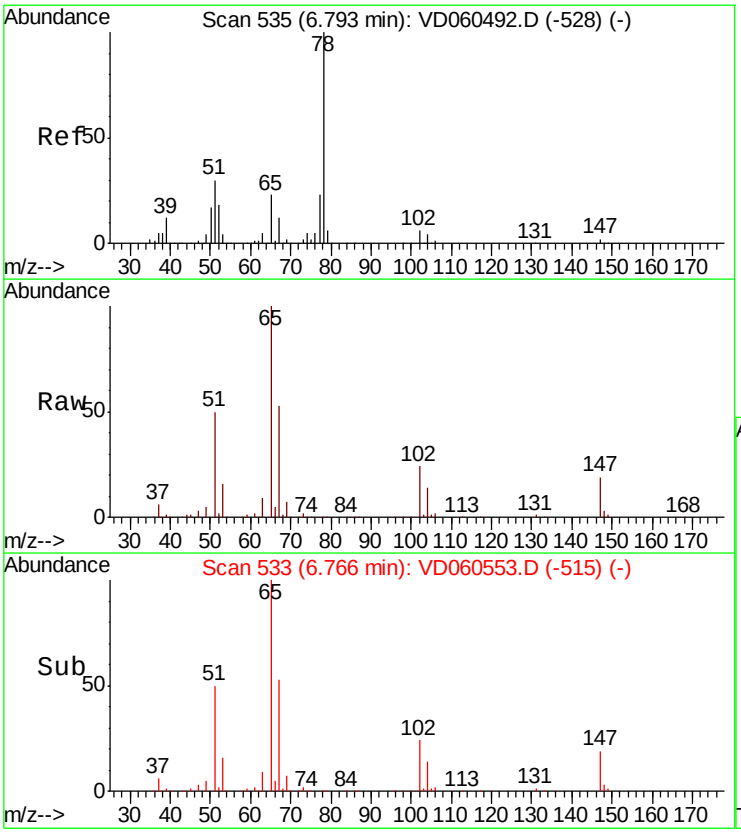
#31
Cyclohexane
Concen: Below Cal
RT: 6.39 min Scan# 495
Delta R.T. 0.02 min
Lab File: VD060553.D
Acq: 13 Dec 2018 11:21

Instrument : MSVOA_D
ClientSampleId : VD1213SBL01

Tgt Ion: 56 Resp: 32715

Ion	Ratio	Lower	Upper
56	100		
69	231.9	22.8	34.2#
84	199.3	65.1	97.7#

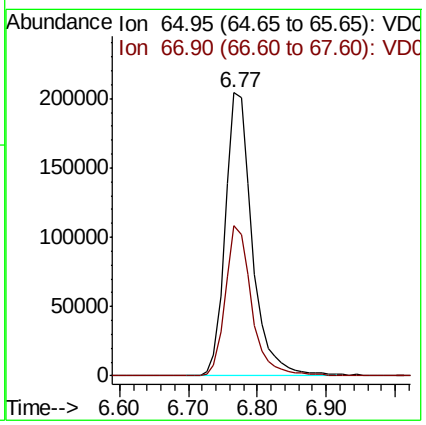


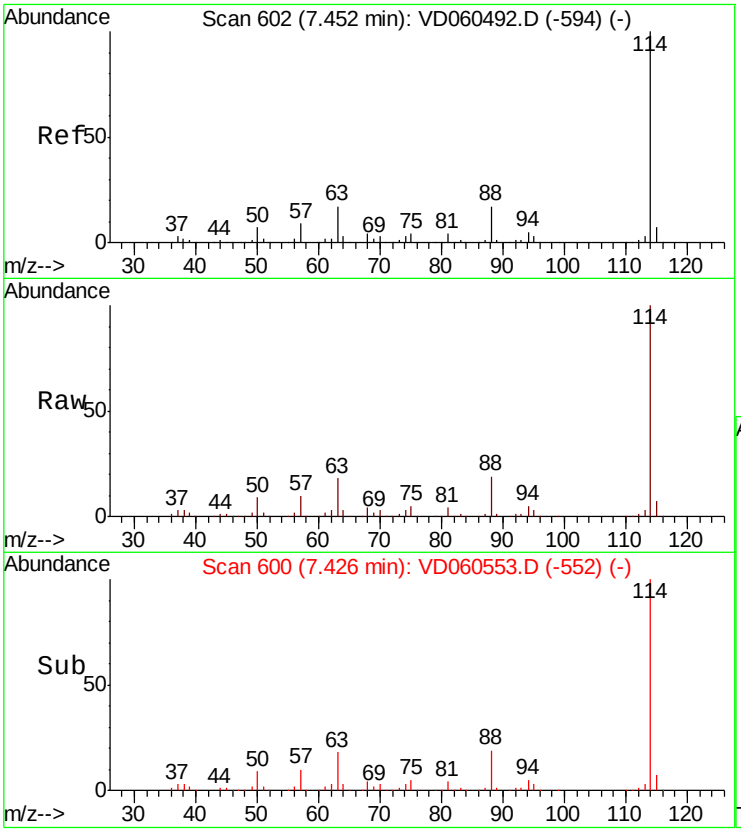


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 6.77 min Scan# 533
Delta R.T. -0.03 min
Lab File: VD060553.D
Acq: 13 Dec 2018 11:21

Tgt Ion: 65 Resp: 552282

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	106.8



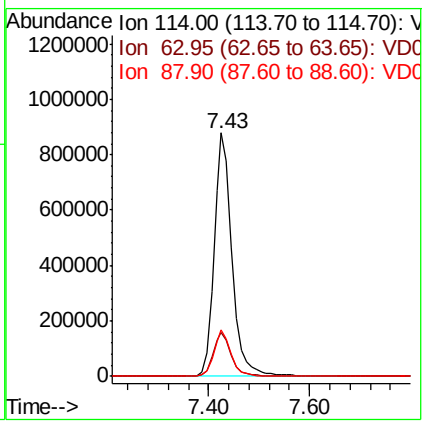


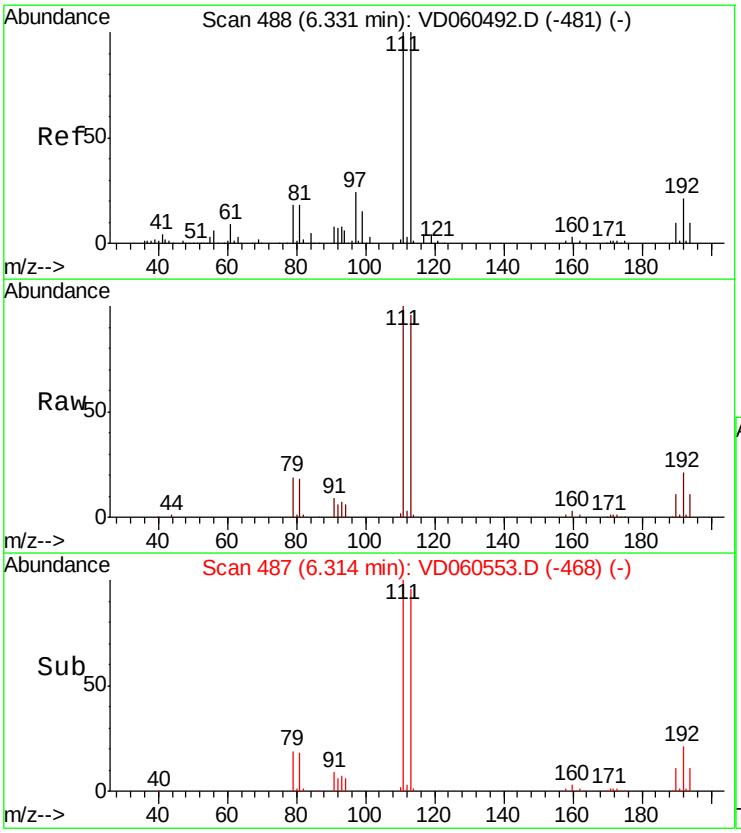
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.43 min Scan# 600
Delta R.T. -0.03 min
Lab File: VD060553.D
Acq: 13 Dec 2018 11:21

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBL01

Tgt Ion:114 Resp: 2173331

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	34.2
88	18.9	0.0	35.0

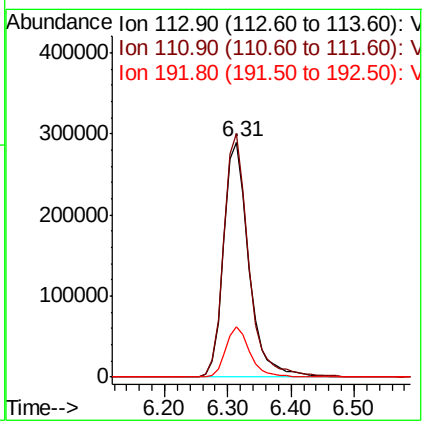


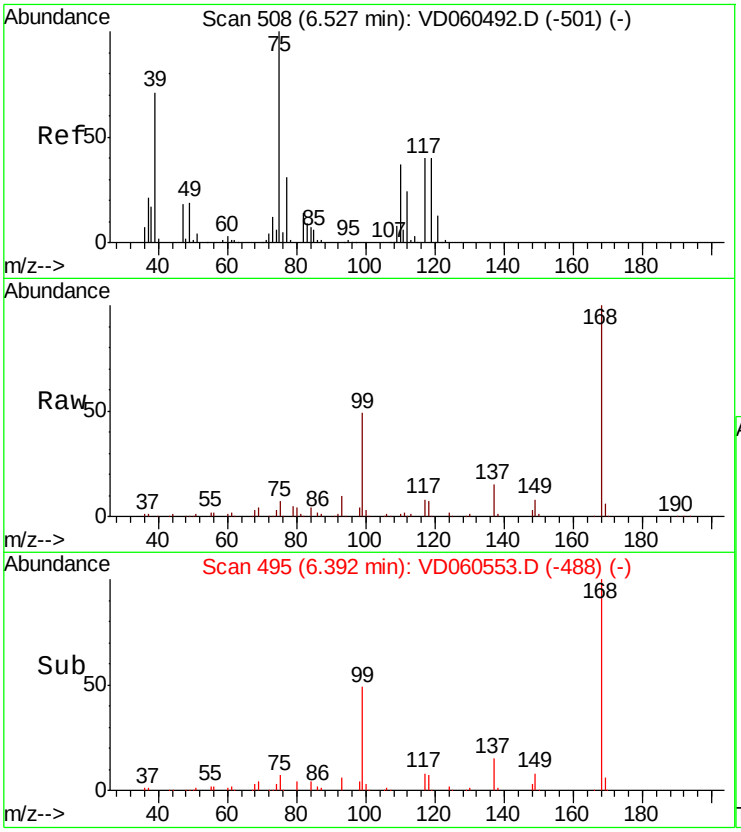


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.31 min Scan# 487
Delta R.T. -0.02 min
Lab File: VD060553.D
Acq: 13 Dec 2018 11:21

Tgt Ion:113 Resp: 801982

Ion	Ratio	Lower	Upper
113	100		
111	103.7	80.2	120.4
192	21.5	16.6	24.8



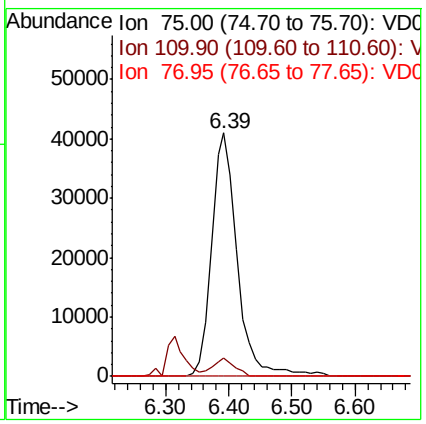


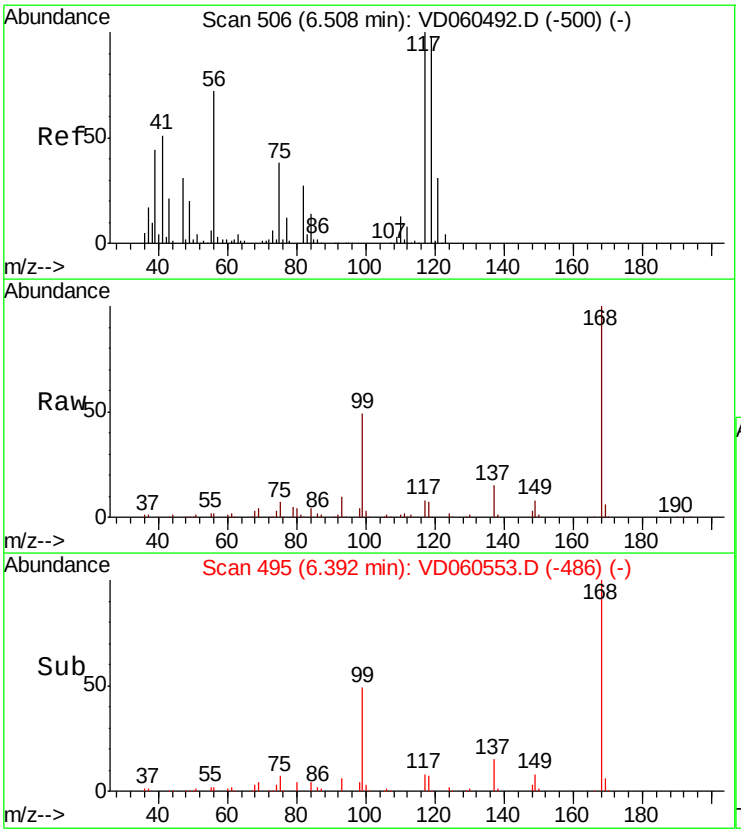
#36
1,1-Dichloropropene
Concen: 5.486 ug/l
RT: 6.39 min Scan# 495
Delta R.T. -0.13 min
Lab File: VD060553.D
Acq: 13 Dec 2018 11:21

Instrument : MSVOA_D
ClientSampleId : VD1213SBL01

Tgt Ion: 75 Resp: 116546

Ion	Ratio	Lower	Upper
75	100		
110	7.4	18.3	54.8#
77	0.0	24.6	37.0#

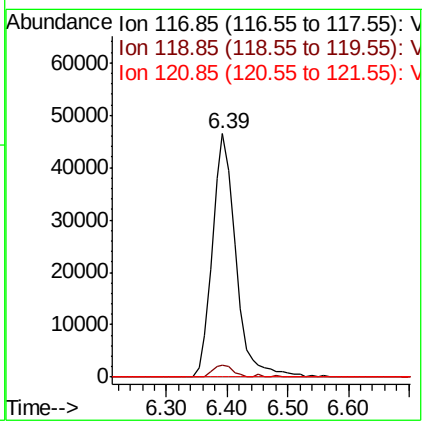


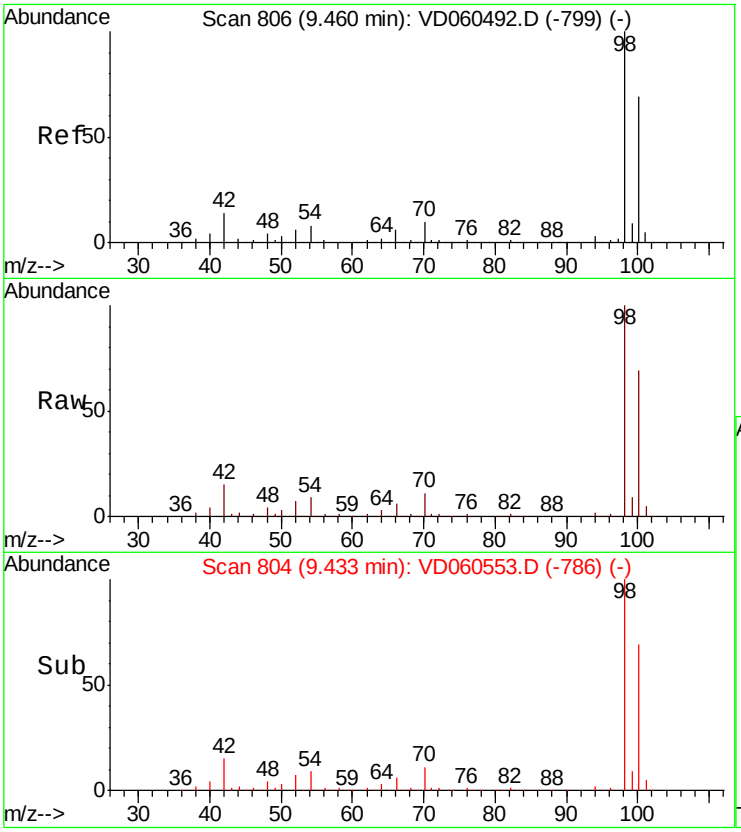


#38
Carbon Tetrachloride
Concen: 6.533 ug/l
RT: 6.39 min Scan# 495
Delta R.T. -0.12 min
Lab File: VD060553.D
Acq: 13 Dec 2018 11:21

Tgt Ion:117 Resp: 124588

Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.8	115.2#
121	0.0	24.4	36.6#



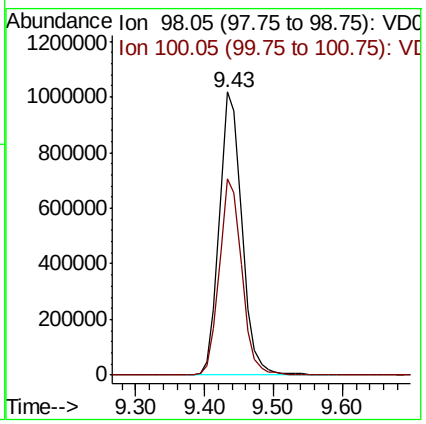


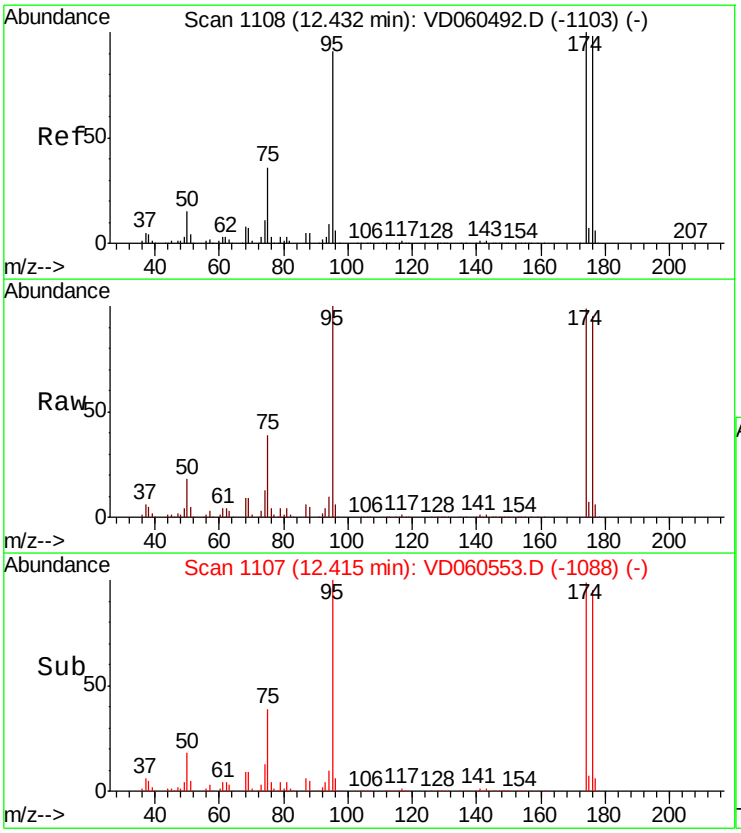
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 804
Delta R.T. -0.03 min
Lab File: VD060553.D
Acq: 13 Dec 2018 11:21

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBL01

Tgt Ion: 98 Resp: 2310883

Ion	Ratio	Lower	Upper
98	100		
100	69.4	55.7	83.5

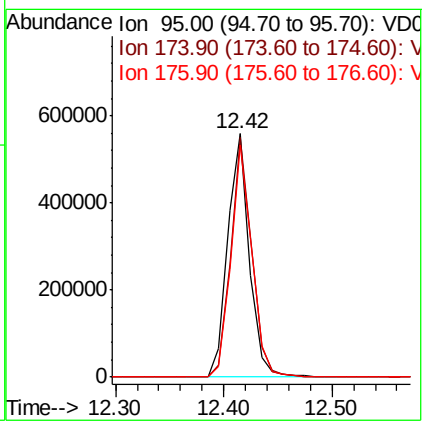


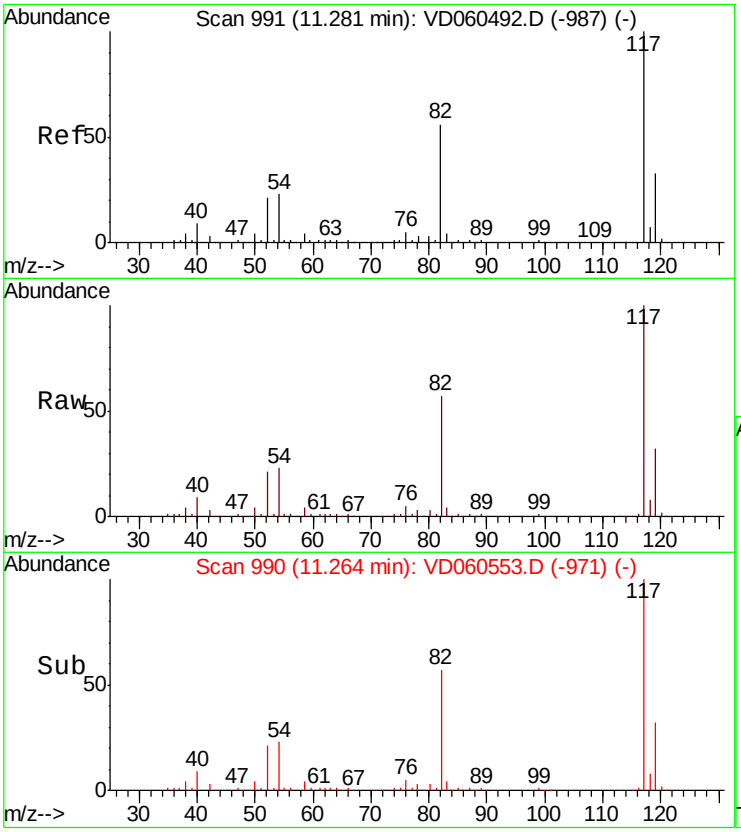


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.02 min
Lab File: VD060553.D
Acq: 13 Dec 2018 11:21

Tgt Ion: 95 Resp: 776159

Ion	Ratio	Lower	Upper
95	100		
174	98.7	0.0	219.4
176	95.5	0.0	214.6



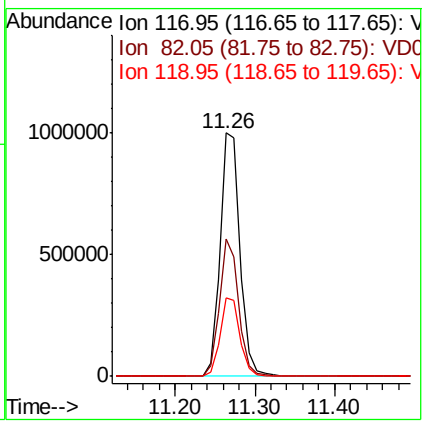


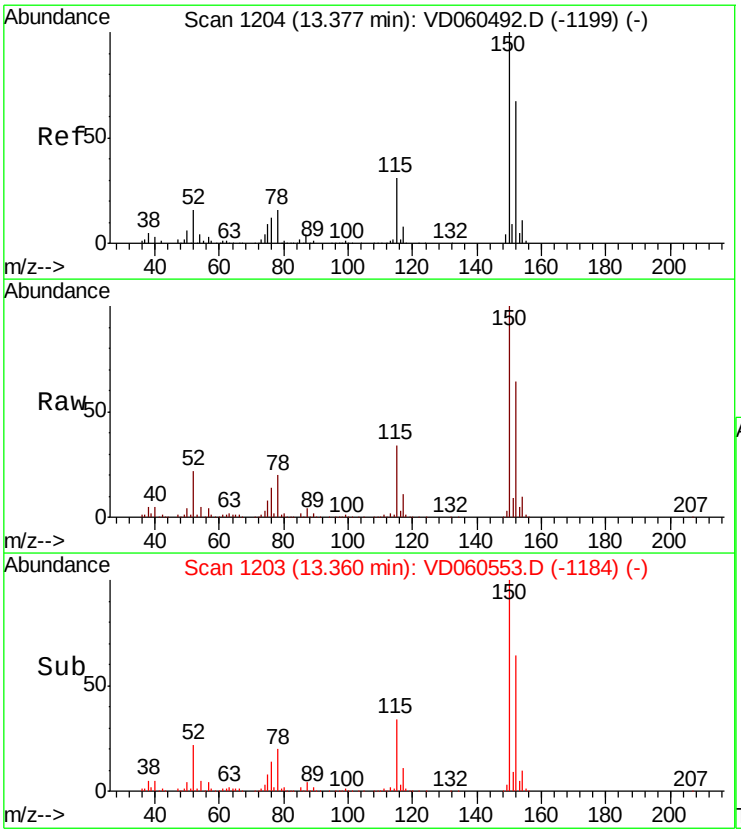
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.26 min Scan# 990
Delta R.T. -0.02 min
Lab File: VD060553.D
Acq: 13 Dec 2018 11:21

Instrument : MSVOA_D
ClientSampleId : VD1213SBL01

Tgt Ion:117 Resp: 1759237

Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.2	67.8
119	32.0	26.1	39.1

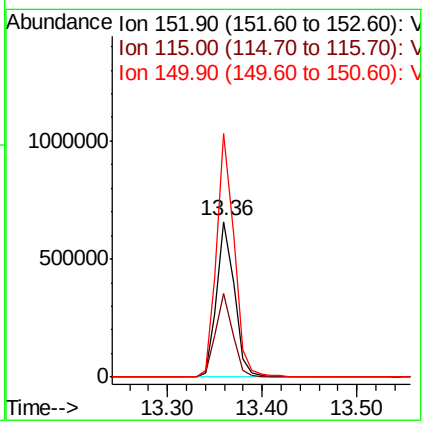


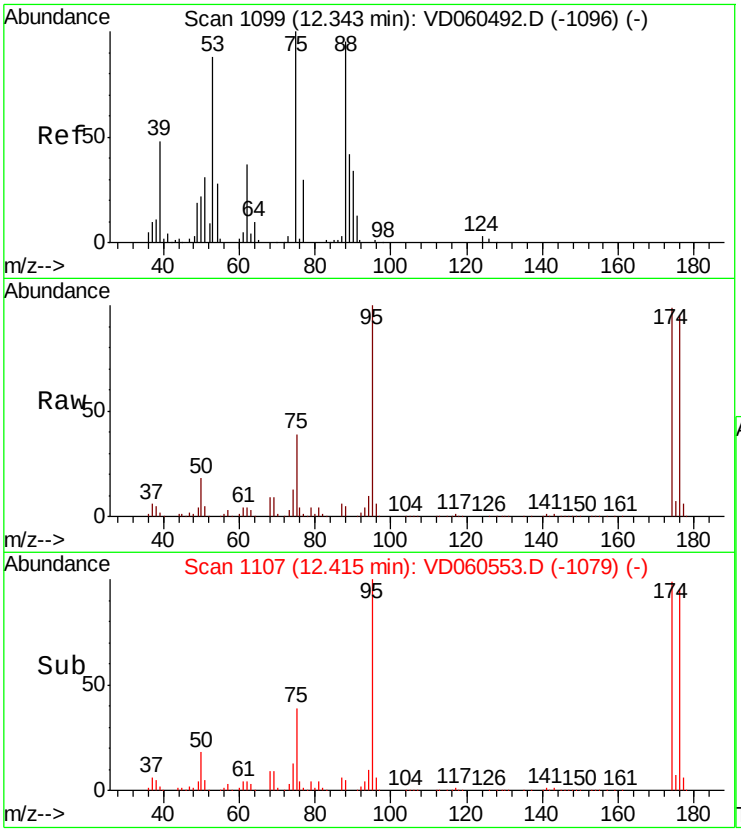


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.02 min
Lab File: VD060553.D
Acq: 13 Dec 2018 11:21

Tgt Ion:152 Resp: 862626

Ion	Ratio	Lower	Upper
152	100		
115	53.6	24.6	74.0
150	156.3	0.0	309.0





#81
trans-1,4-Dichloro-2-butene
Concen: 115.144 ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.07 min
Lab File: VD060553.D
Acq: 13 Dec 2018 11:21

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBL01

Tgt Ion: 75 Resp: 313887

Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.5	105.7#
89	0.0	33.6	50.4#