Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD110918\
Data File : VD060315.D
Acq On : 9 Nov 2018 16:37
Operator : VA/AP
Sample : J5269-17
Misc : 5.41g/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SB-13-D

Quant Time: Nov 12 01:35:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	544267	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.44	114	811488	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.28	117	756782	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	418702	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	338574	86.88	ug/l	-0.01
Spiked Amount 50.000			Recovery = 173.76%			
35) Dibromofluoromethane	6.32	113	375163	62.00	ug/l	-0.01
Spiked Amount 50.000			Recovery = 124.00%			
50) Toluene-d8	9.45	98	959097	54.16	ug/l	-0.01
Spiked Amount 50.000			Recovery = 108.32%			
62) 4-Bromofluorobenzene	12.43	95	393947	61.39	ug/l	-0.01
Spiked Amount 50.000			Recovery = 122.78%			
Target Compounds						Qvalue
8) Diethyl Ether	2.82	74	1537	1.710	ug/l	95
11) Tert butyl alcohol	3.96	59	1145	7.155	ug/l #	70
13) Acrolein	2.88	56	195	1.031	ug/l #	14
16) Acetone	3.16	43	36529	54.038	ug/l	94
18) Methyl Acetate	3.55	43	6835	4.742	ug/l #	63
20) Methylene Chloride	3.72	84	47893	7.987	ug/l	96
25) 2-Butanone	5.64	43	1889	1.344	ug/l #	60
29) Tetrahydrofuran	5.96	42	2121	2.863	ug/l #	59
31) Cyclohexane	6.40	56	9820	1.055	ug/l #	1
36) 1,1-Dichloropropene	6.40	75	39833	4.968	ug/l #	46
38) Carbon Tetrachloride	6.40	117	42996	5.781	ug/l #	15
52) Toluene	9.54	92	127921	9.786	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.43	75	166477	116.748	ug/l #	15
89) n-Butylbenzene	13.65	91	425	Below Cal	#	74

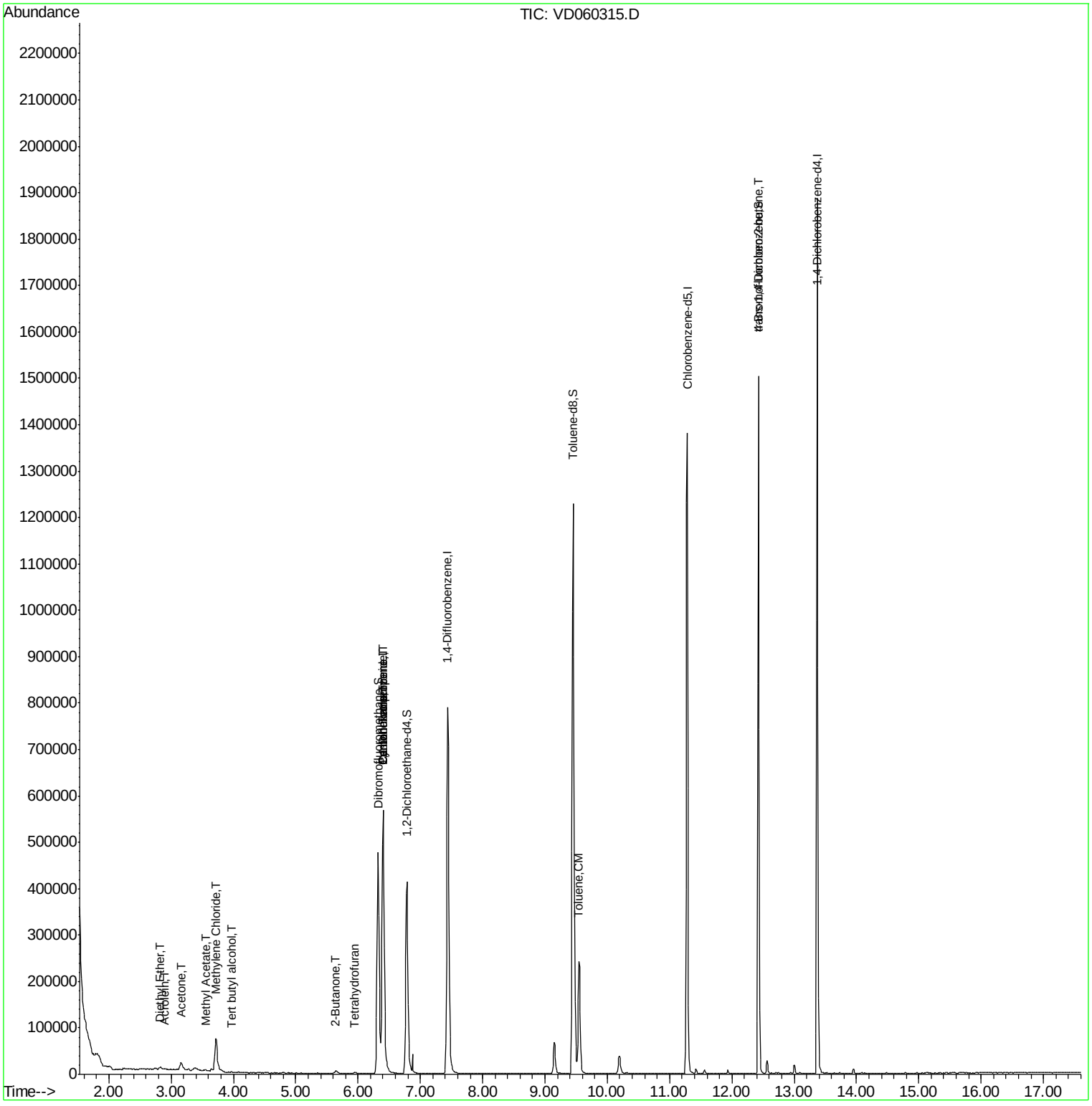
(#) = qualifier out of range (m) = manual integration (+) = signals summed

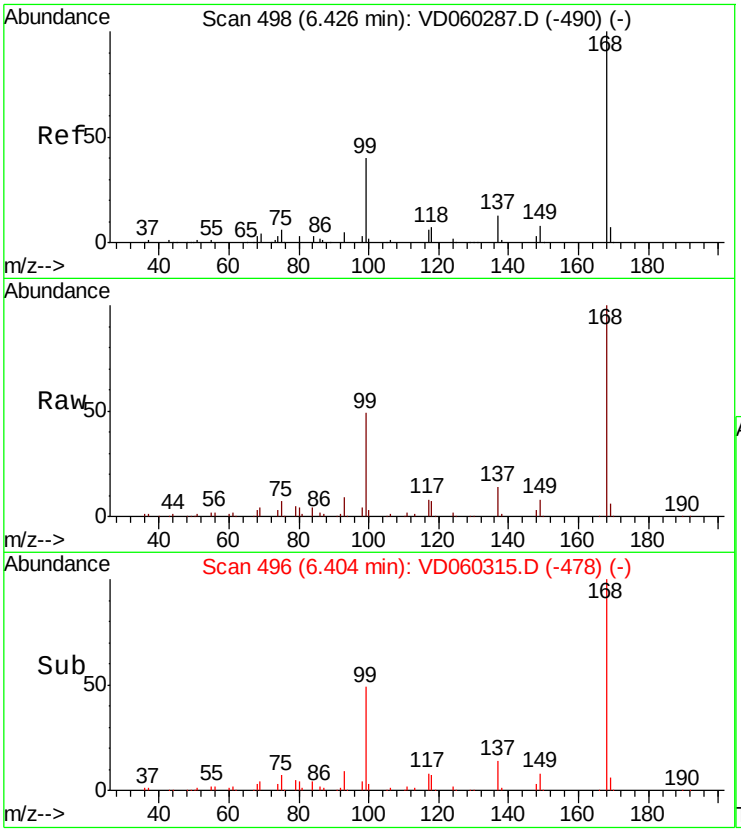
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD110918\
Data File : VD060315.D
Acq On : 9 Nov 2018 16:37
Operator : VA/AP
Sample : J5269-17
Misc : 5.41g/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-13-D

Quant Time: Nov 12 01:35:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration



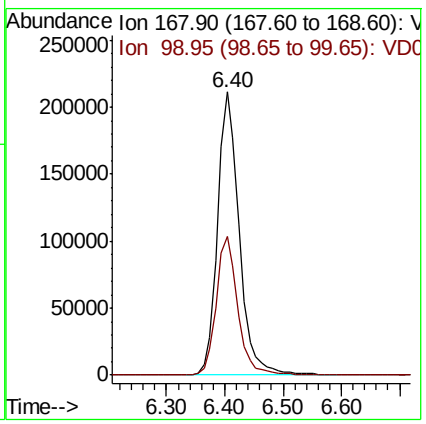


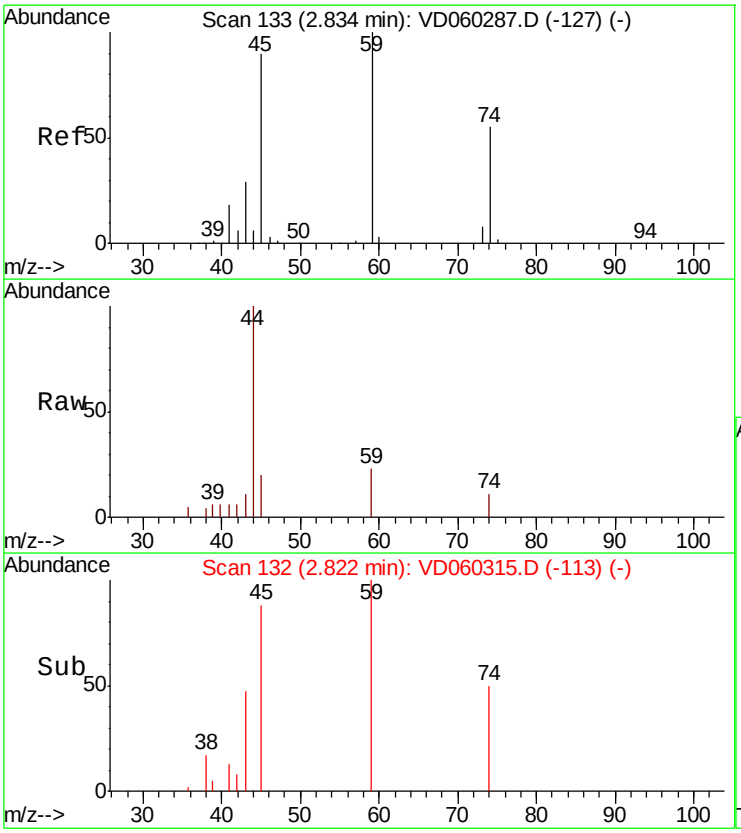
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.40 min Scan# 496
Delta R.T. -0.02 min
Lab File: VD060315.D
Acq: 9 Nov 2018 16:37

Instrument :
MSVOA_D
ClientSampleId :
SB-13-D

Tgt Ion:168 Resp: 544267

Ion	Ratio	Lower	Upper
168	100		
99	48.9	39.8	59.8

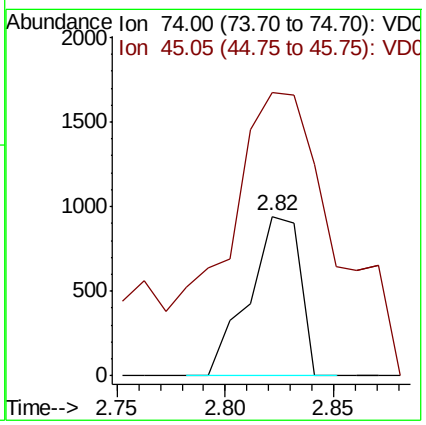


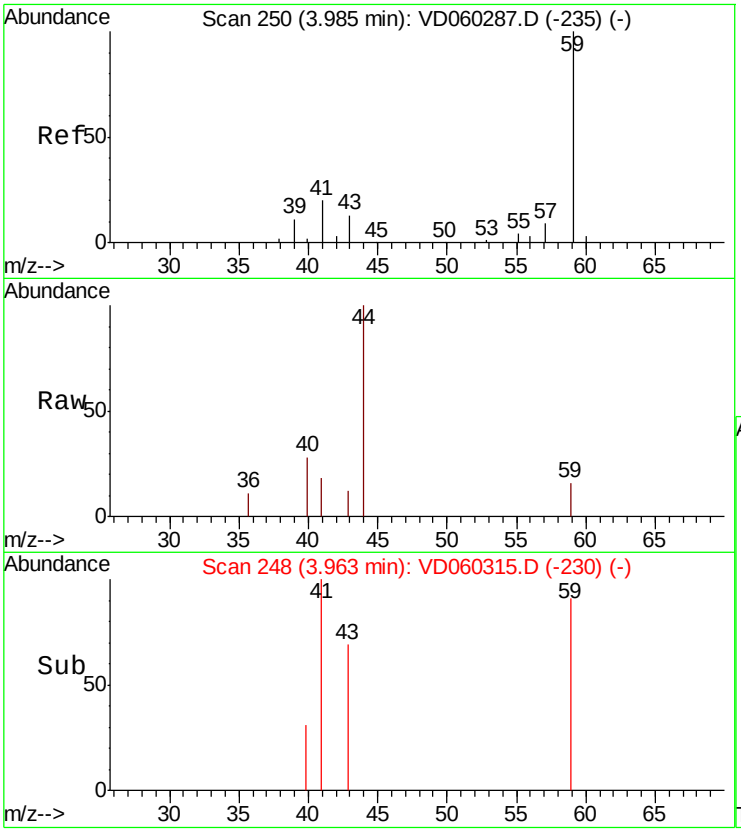


#8
Diethyl Ether
Concen: 1.710 ug/l
RT: 2.82 min Scan# 132
Delta R.T. -0.01 min
Lab File: VD060315.D
Acq: 9 Nov 2018 16:37

Tgt Ion: 74 Resp: 1537

Ion	Ratio	Lower	Upper
74	100		
45	177.1	84.8	254.4



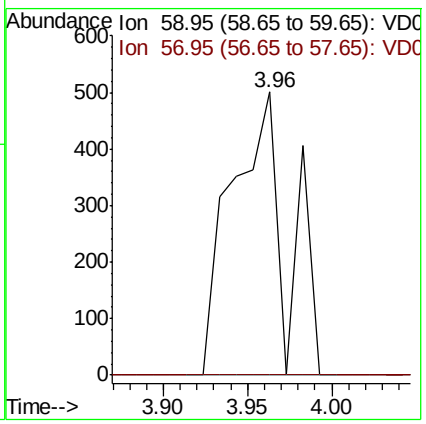


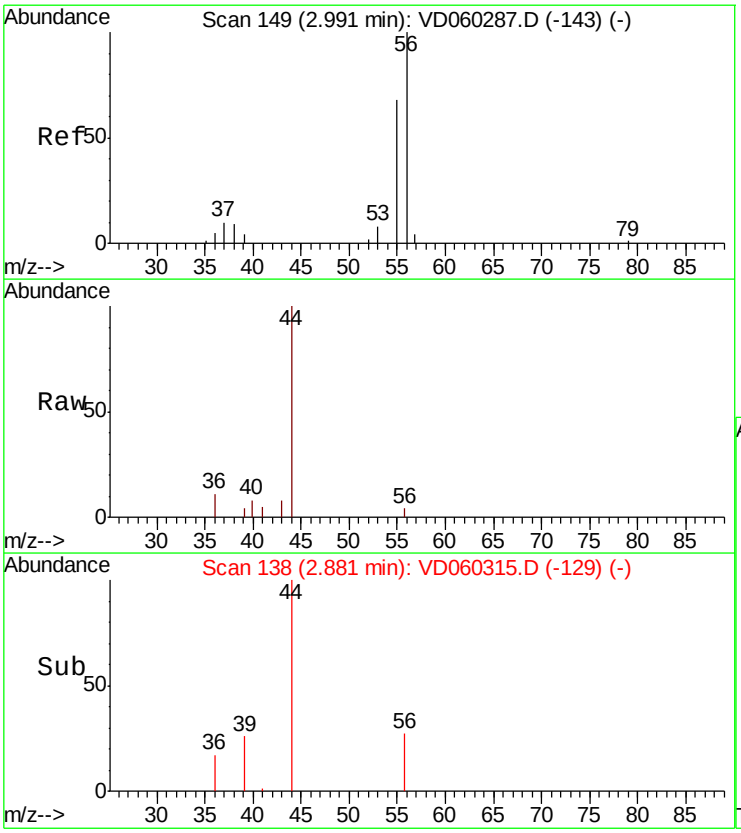
#11
Tert butyl alcohol
Concen: 7.155 ug/l
RT: 3.96 min Scan# 248
Delta R.T. -0.02 min
Lab File: VD060315.D
Acq: 9 Nov 2018 16:37

Instrument : MSVOA_D
ClientSampleId : SB-13-D

Tgt Ion: 59 Resp: 1145

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.3	13.9#

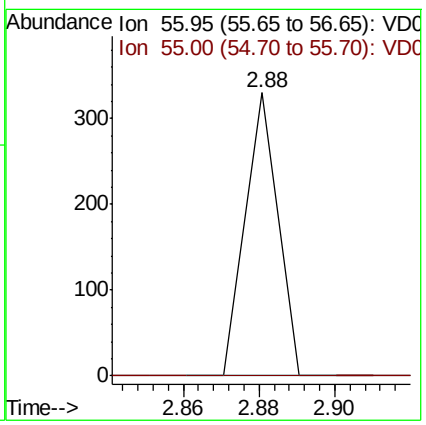


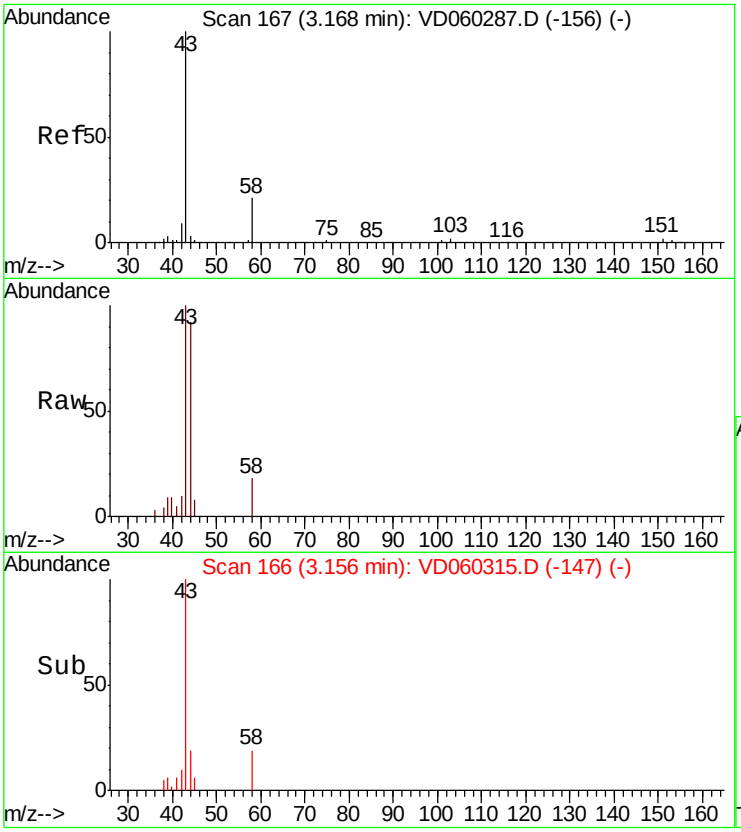


#13
Acrolein
Concen: 1.031 ug/l
RT: 2.88 min Scan# 138
Delta R.T. -0.11 min
Lab File: VD060315.D
Acq: 9 Nov 2018 16:37

Tgt Ion: 56 Resp: 195

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.0	85.6#



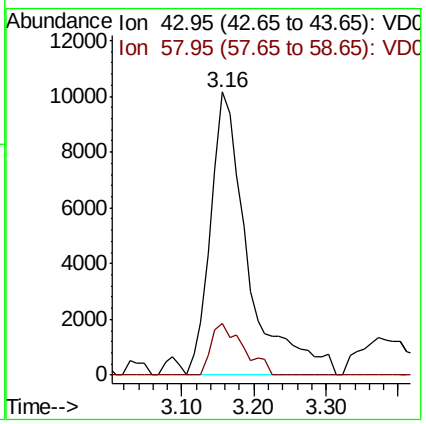


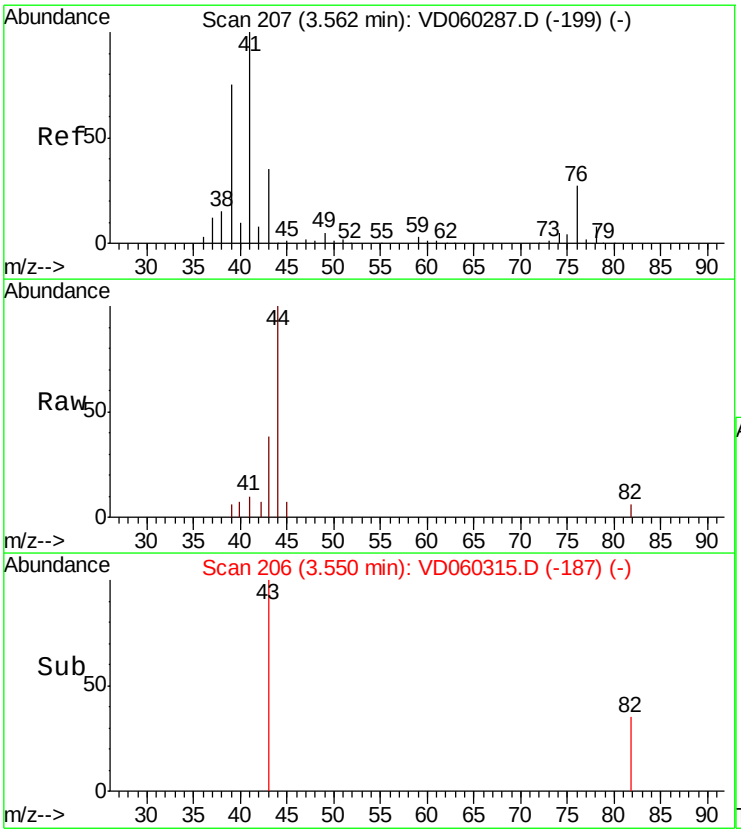
#16
Acetone
Concen: 54.038 ug/l
RT: 3.16 min Scan# 166
Delta R.T. -0.01 min
Lab File: VD060315.D
Acq: 9 Nov 2018 16:37

Instrument : MSVOA_D
ClientSampleId : SB-13-D

Tgt Ion: 43 Resp: 36529

Ion	Ratio	Lower	Upper
43	100		
58	18.3	16.9	25.3

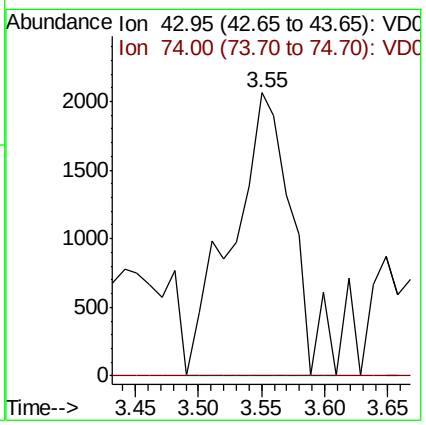


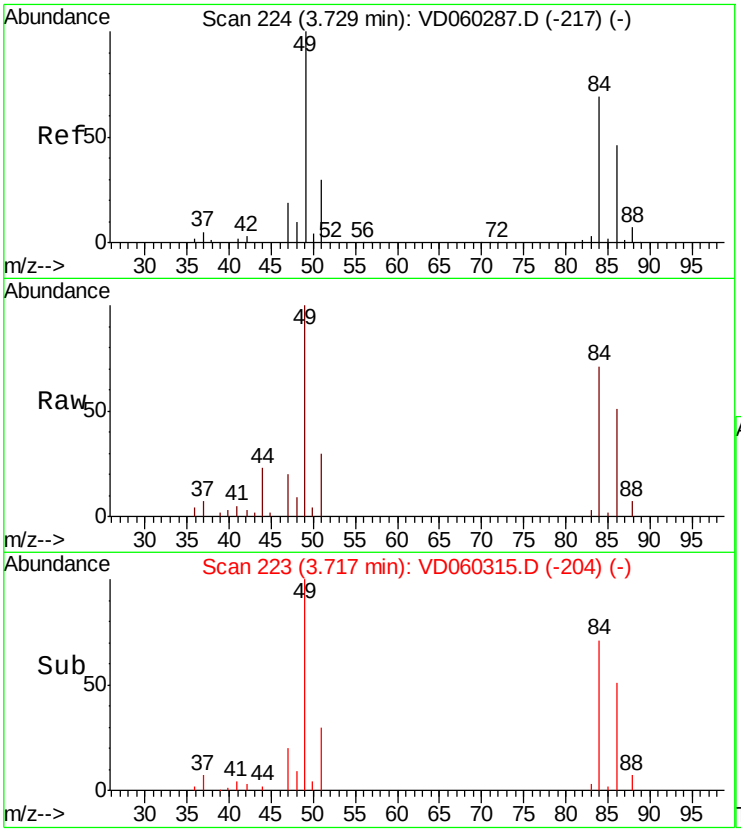


#18
Methyl Acetate
Concen: 4.742 ug/l
RT: 3.55 min Scan# 206
Delta R.T. -0.01 min
Lab File: VD060315.D
Acq: 9 Nov 2018 16:37

Tgt Ion: 43 Resp: 6835

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.4	18.6#



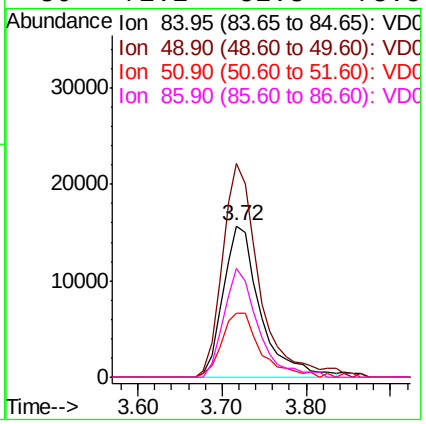


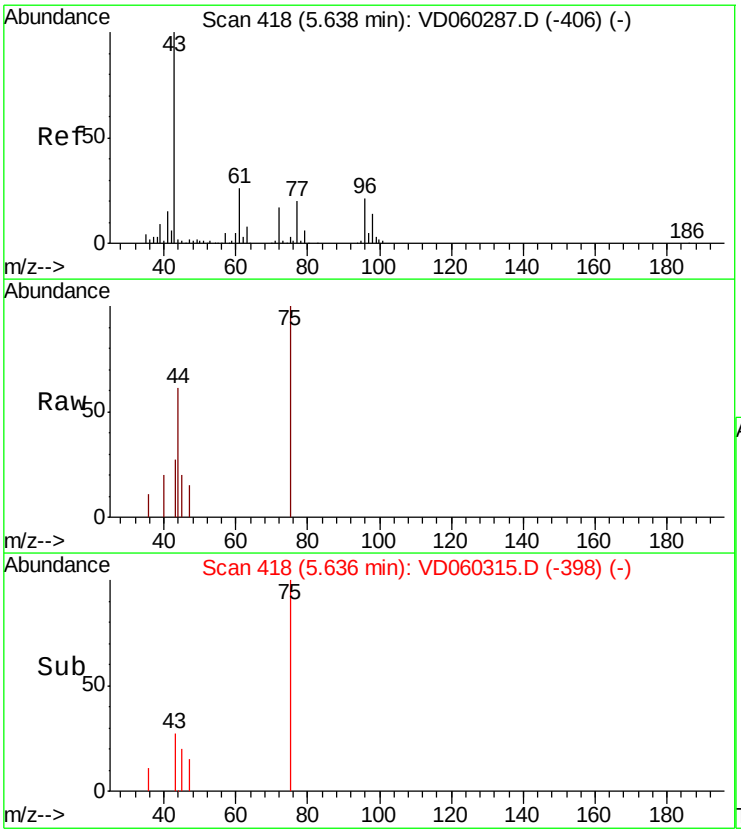
#20
Methylene Chloride
Concen: 7.987 ug/l
RT: 3.72 min Scan# 223
Delta R.T. -0.01 min
Lab File: VD060315.D
Acq: 9 Nov 2018 16:37

Instrument : MSVOA_D
ClientSampleId : SB-13-D

Tgt Ion: 84 Resp: 47893

Ion	Ratio	Lower	Upper
84	100		
49	141.1	115.6	173.4
51	42.3	35.6	53.4
86	72.2	52.3	78.5

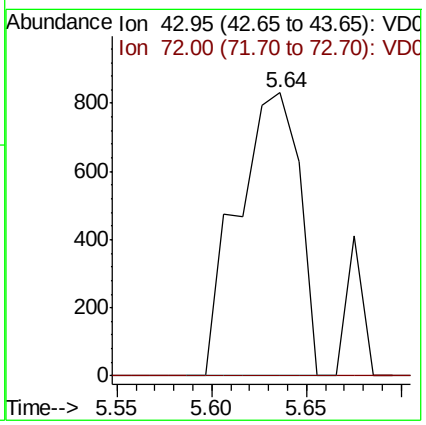


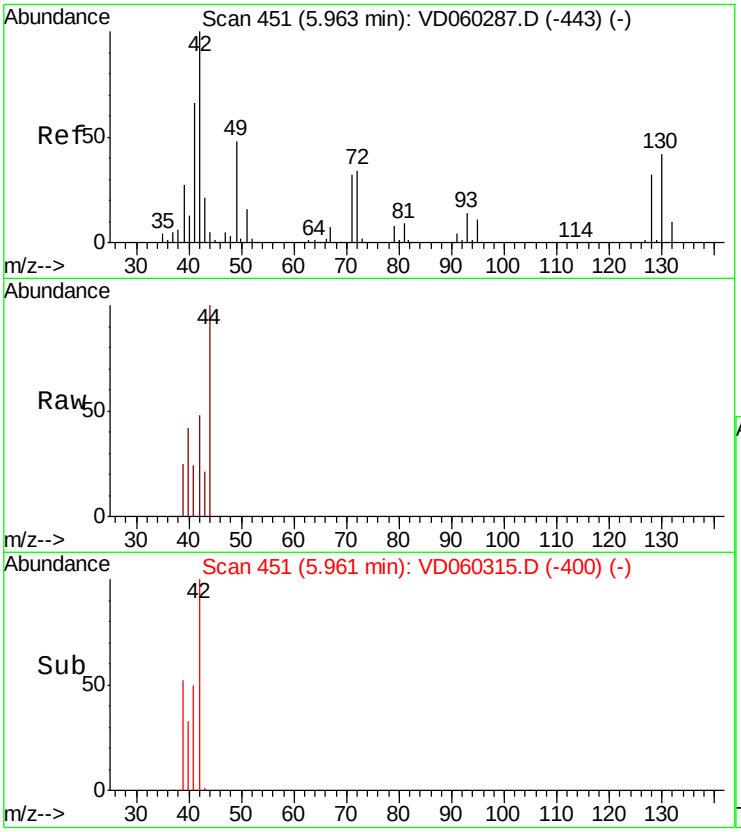


#25
2-Butanone
Concen: 1.344 ug/l
RT: 5.64 min Scan# 418
Delta R.T. -0.00 min
Lab File: VD060315.D
Acq: 9 Nov 2018 16:37

Tgt Ion: 43 Resp: 1889

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.8	20.8#



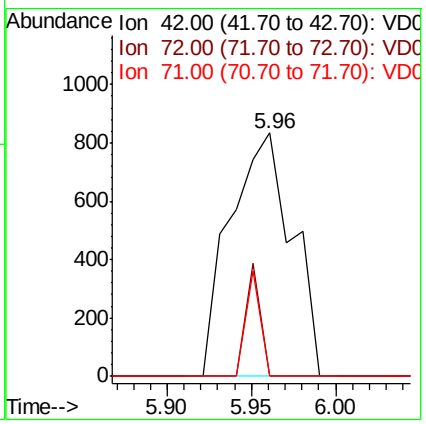


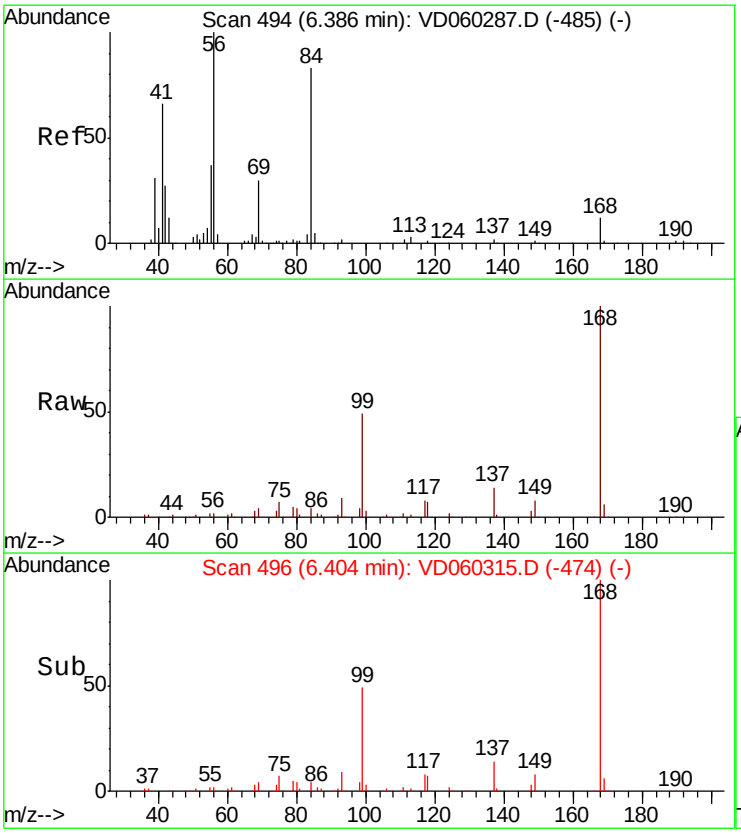
#29
Tetrahydrofuran
Concen: 2.863 ug/l
RT: 5.96 min Scan# 451
Delta R.T. -0.00 min
Lab File: VD060315.D
Acq: 9 Nov 2018 16:37

Instrument :
MSVOA_D
ClientSampleId :
SB-13-D

Tgt Ion: 42 Resp: 2121

Ion	Ratio	Lower	Upper
42	100		
72	10.8	27.6	41.4#
71	10.0	26.5	39.7#

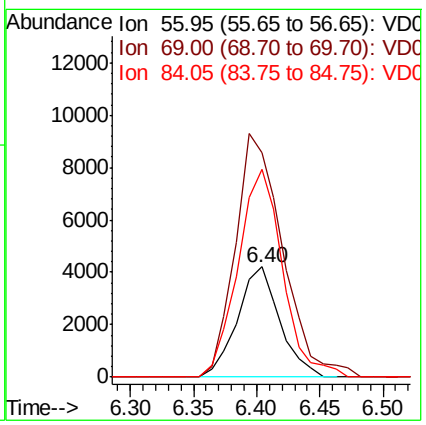


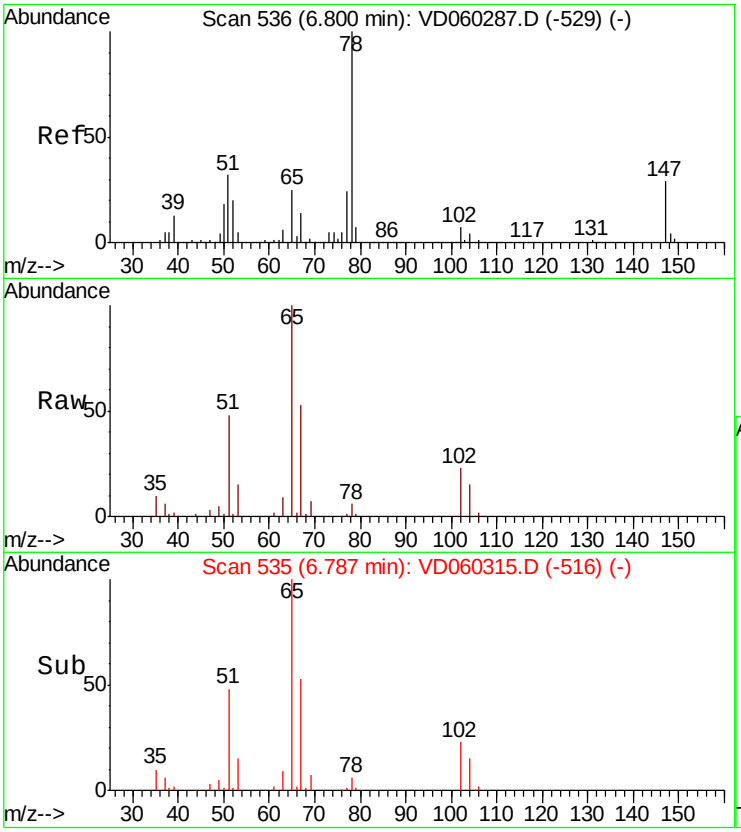


#31
Cyclohexane
Concen: 1.055 ug/l
RT: 6.40 min Scan# 496
Delta R.T. 0.02 min
Lab File: VD060315.D
Acq: 9 Nov 2018 16:37

Tgt Ion: 56 Resp: 9820

Ion	Ratio	Lower	Upper
56	100		
69	203.7	22.2	33.2#
84	188.0	63.0	94.4#



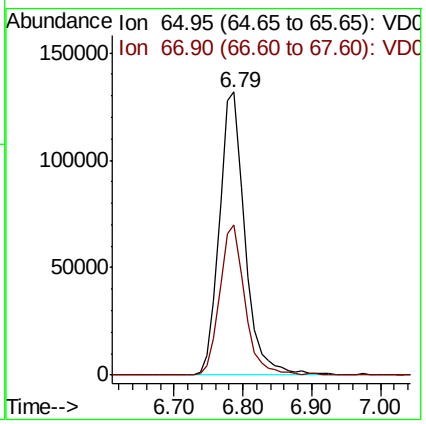


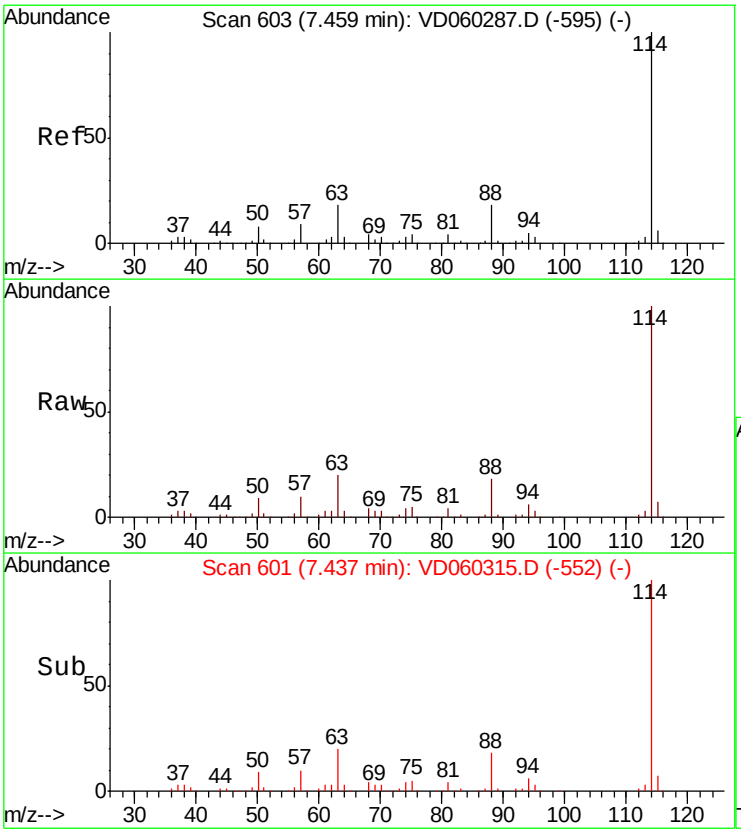
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.01 min
Lab File: VD060315.D
Acq: 9 Nov 2018 16:37

Instrument : MSVOA_D
ClientSampleId : SB-13-D

Tgt Ion: 65 Resp: 338574

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	109.8

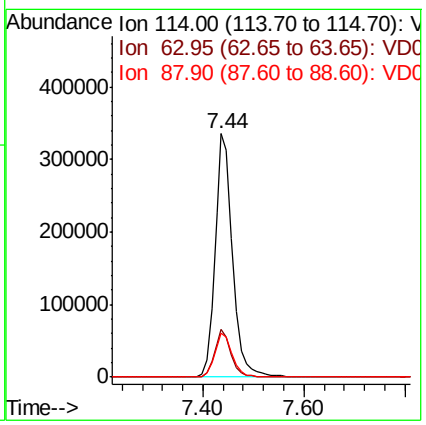


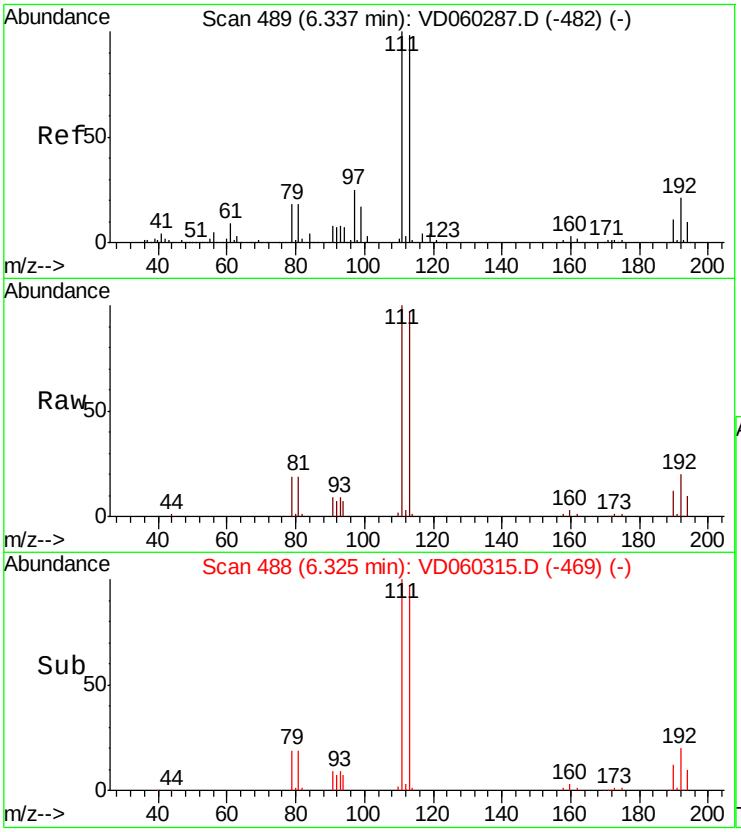


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.44 min Scan# 601
Delta R.T. -0.02 min
Lab File: VD060315.D
Acq: 9 Nov 2018 16:37

Tgt Ion:114 Resp: 811488

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	34.0
88	18.0	0.0	35.4



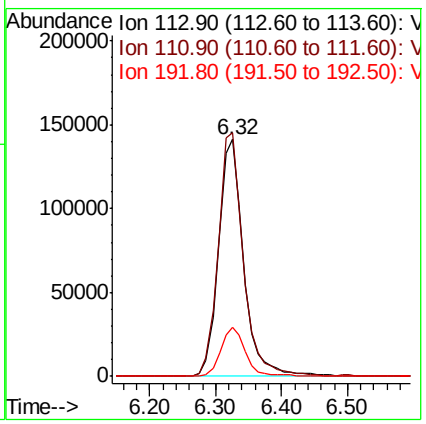


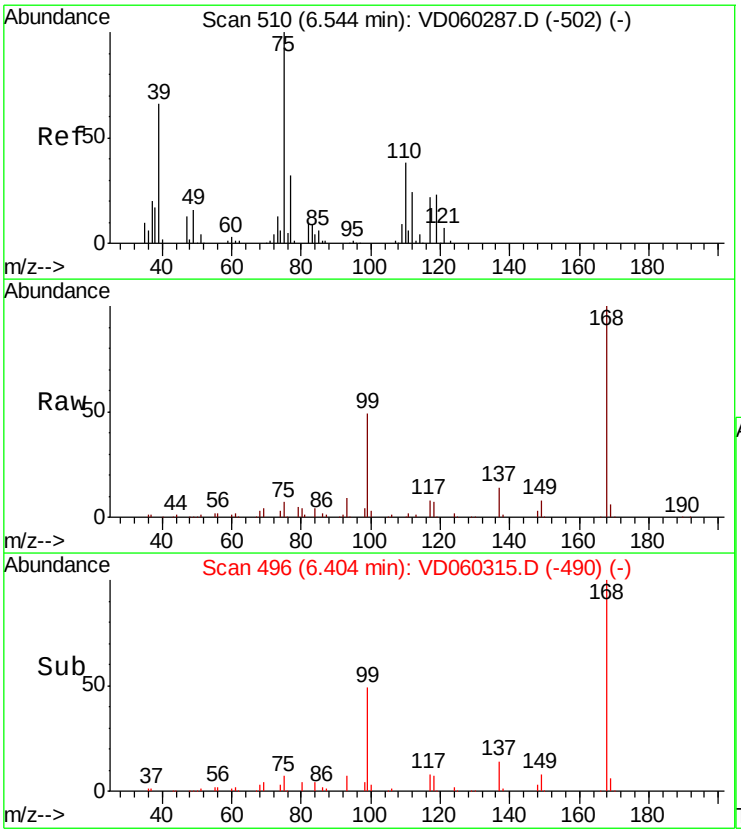
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.32 min Scan# 488
Delta R.T. -0.01 min
Lab File: VD060315.D
Acq: 9 Nov 2018 16:37

Instrument :
MSVOA_D
ClientSampleId :
SB-13-D

Tgt Ion:113 Resp: 375163

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.6	122.4
192	20.6	16.5	24.7

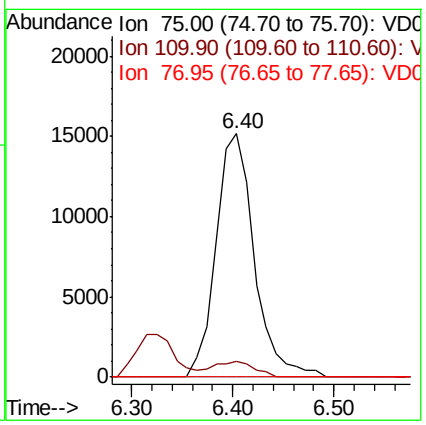


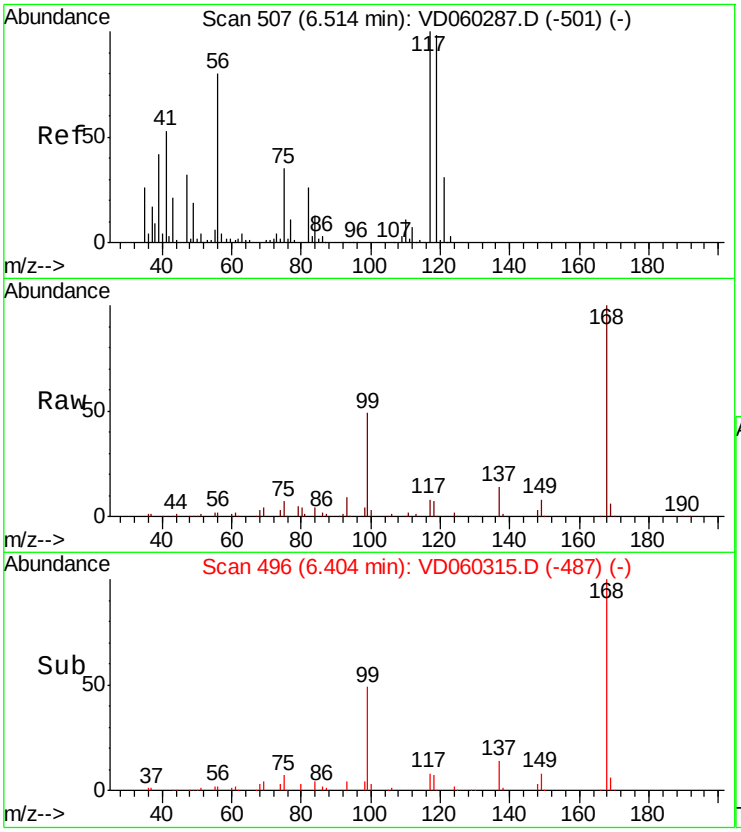


#36
1,1-Dichloropropene
Concen: 4.968 ug/l
RT: 6.40 min Scan# 496
Delta R.T. -0.14 min
Lab File: VD060315.D
Acq: 9 Nov 2018 16:37

Tgt Ion: 75 Resp: 39833

Ion	Ratio	Lower	Upper
75	100		
110	6.4	18.0	54.0#
77	0.0	25.6	38.4#



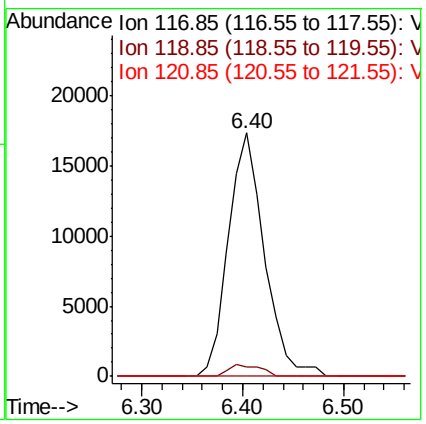


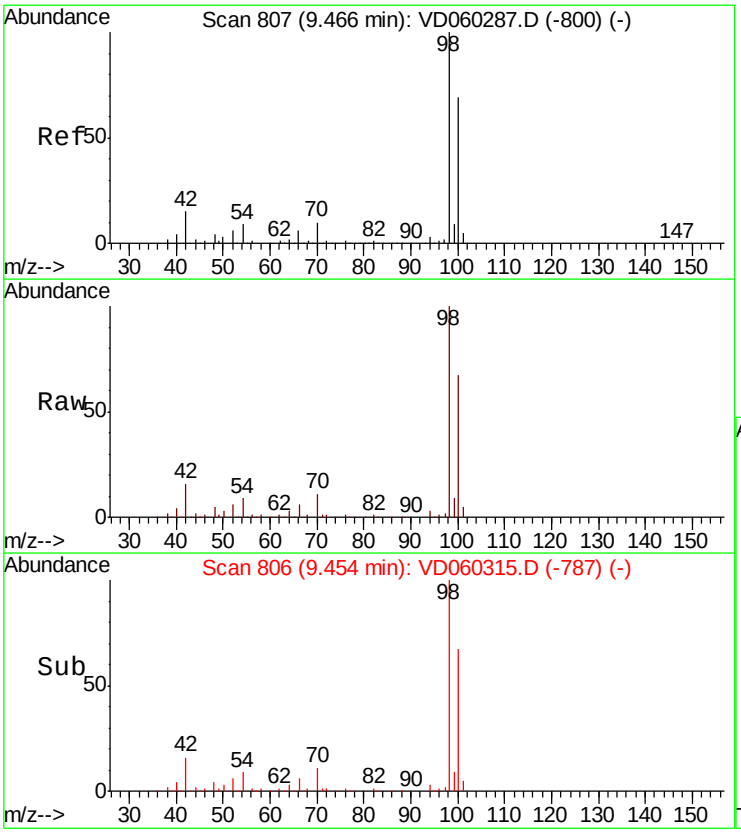
#38
Carbon Tetrachloride
Concen: 5.781 ug/l
RT: 6.40 min Scan# 496
Delta R.T. -0.11 min
Lab File: VD060315.D
Acq: 9 Nov 2018 16:37

Instrument :
MSVOA_D
ClientSampleId :
SB-13-D

Tgt Ion:117 Resp: 42996

Ion	Ratio	Lower	Upper
117	100		
119	4.0	76.6	115.0#
121	0.0	24.3	36.5#

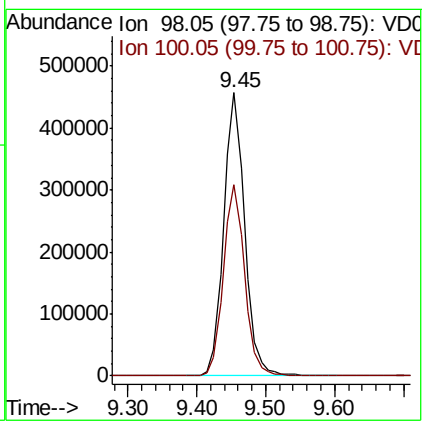


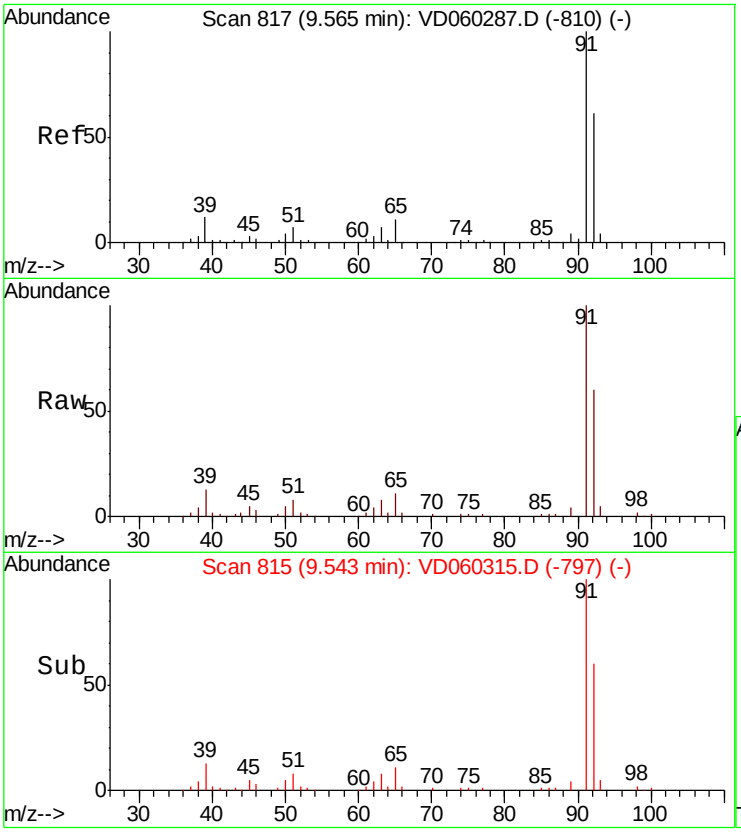


#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. -0.01 min
Lab File: VD060315.D
Acq: 9 Nov 2018 16:37

Tgt Ion: 98 Resp: 959097

Ion	Ratio	Lower	Upper
98	100		
100	67.4	55.2	82.8



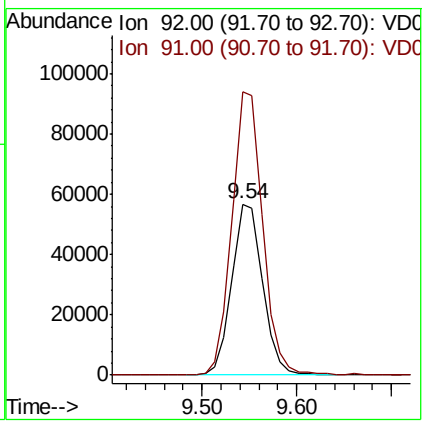


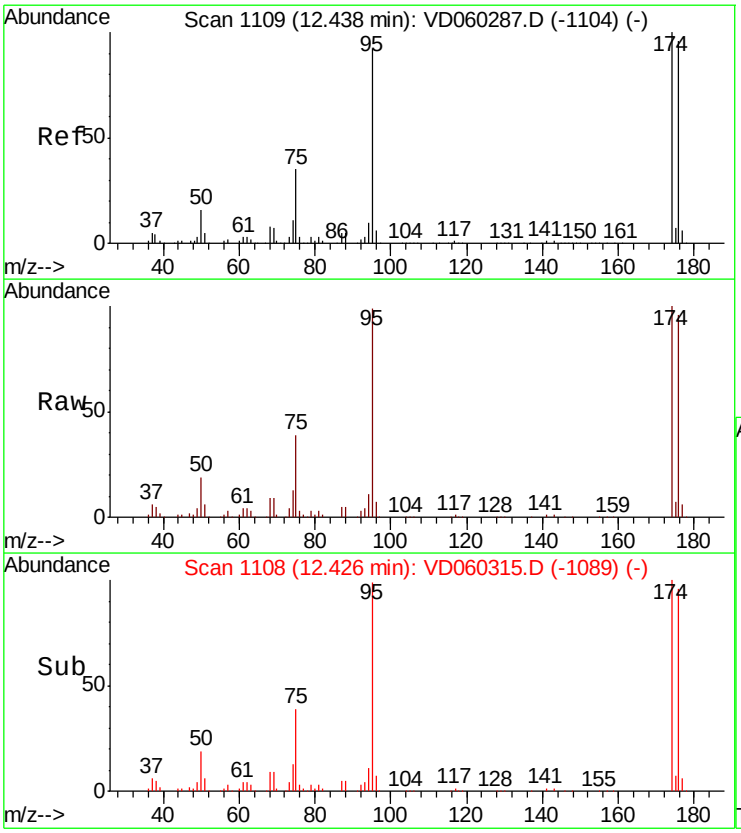
#52
Toluene
Concen: 9.786 ug/l
RT: 9.54 min Scan# 815
Delta R.T. -0.02 min
Lab File: VD060315.D
Acq: 9 Nov 2018 16:37

Instrument : MSVOA_D
ClientSampleId : SB-13-D

Tgt Ion: 92 Resp: 127921

Ion	Ratio	Lower	Upper
92	100		
91	165.4	131.9	197.9

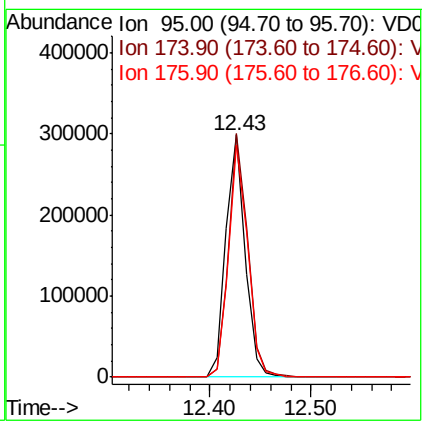


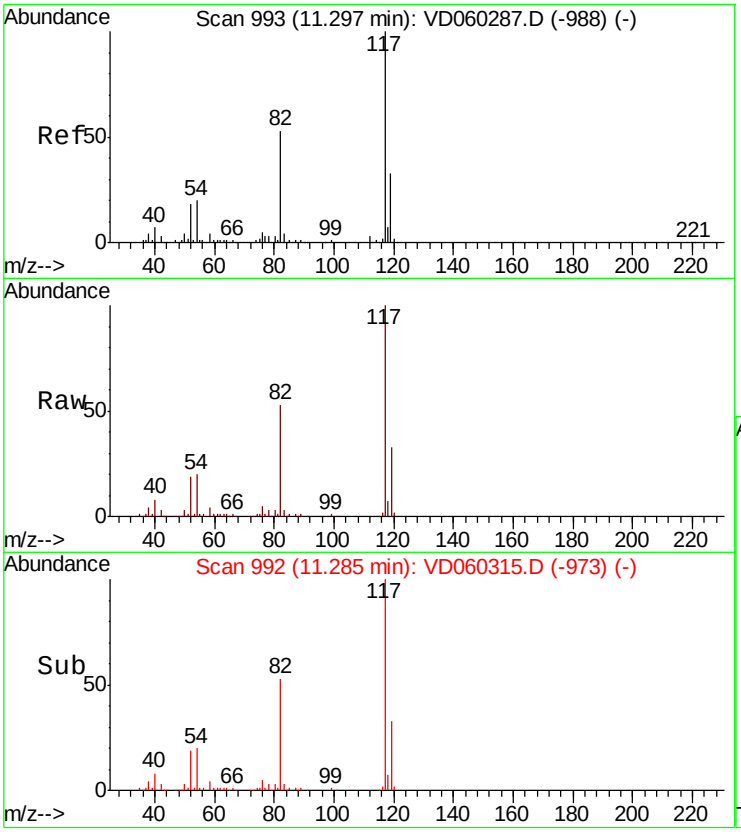


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD060315.D
Acq: 9 Nov 2018 16:37

Tgt Ion: 95 Resp: 393947

Ion	Ratio	Lower	Upper
95	100		
174	100.7	0.0	160.8
176	96.2	0.0	154.6



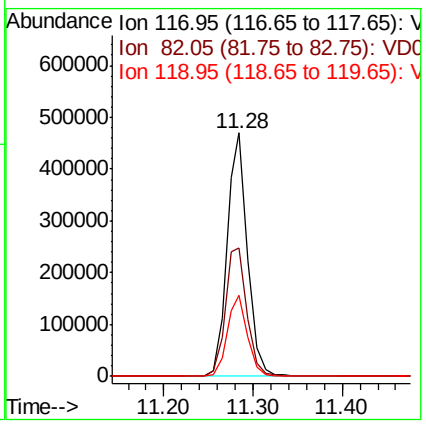


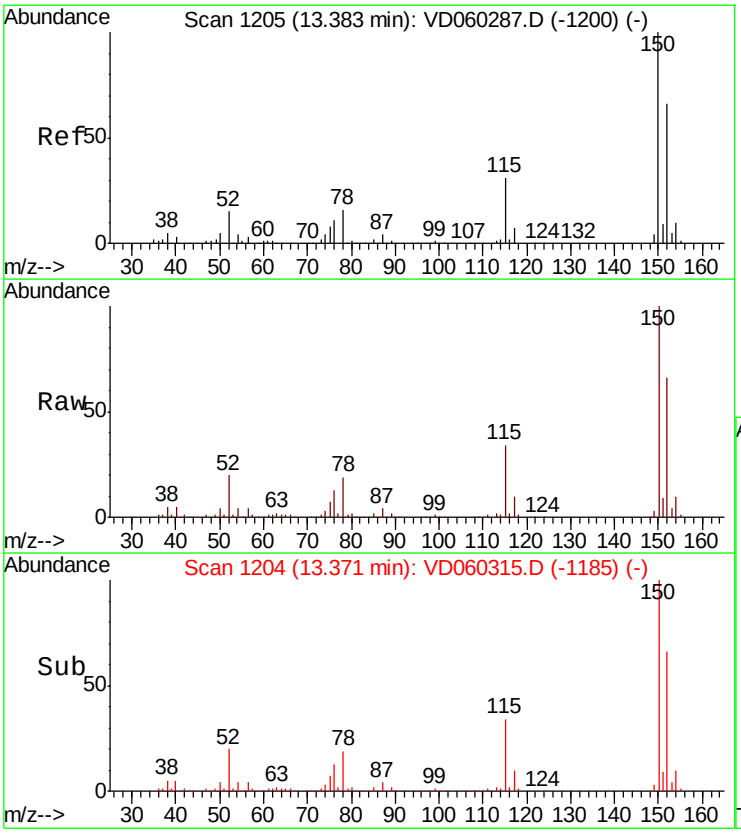
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060315.D
Acq: 9 Nov 2018 16:37

Instrument :
MSVOA_D
ClientSampleId :
SB-13-D

Tgt Ion:117 Resp: 756782

Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.7	65.5
119	33.2	26.1	39.1

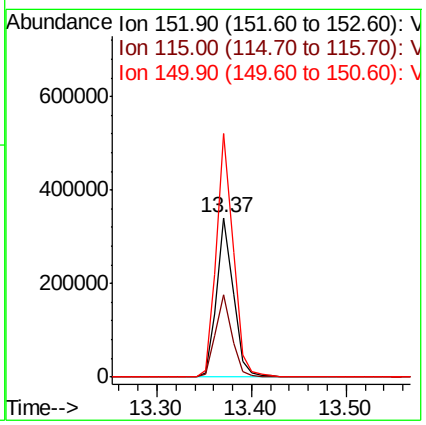


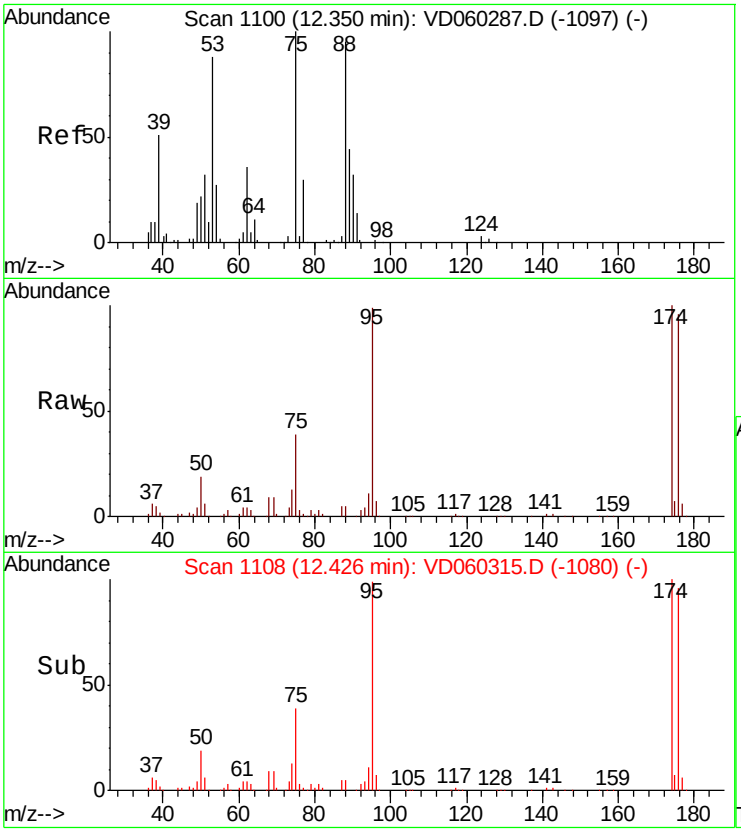


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060315.D
Acq: 9 Nov 2018 16:37

Tgt Ion:152 Resp: 418702

Ion	Ratio	Lower	Upper
152	100		
115	51.8	24.1	72.3
150	152.4	0.0	310.6





#81
trans-1,4-Dichloro-2-butene
Concen: 116.748 ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.08 min
Lab File: VD060315.D
Acq: 9 Nov 2018 16:37

Instrument :
MSVOA_D
ClientSampleId :
SB-13-D

Tgt Ion: 75 Resp: 166477

Ion	Ratio	Lower	Upper
75	100		
53	0.0	68.6	103.0#
89	0.0	34.1	51.1#