

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121818\
 Data File : VD060623.D
 Acq On : 18 Dec 2018 16:10
 Operator : VA/AP
 Sample : J6397-03RE
 Misc : 6.99g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB11 0-2

Quant Time: Dec 19 02:48:48 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

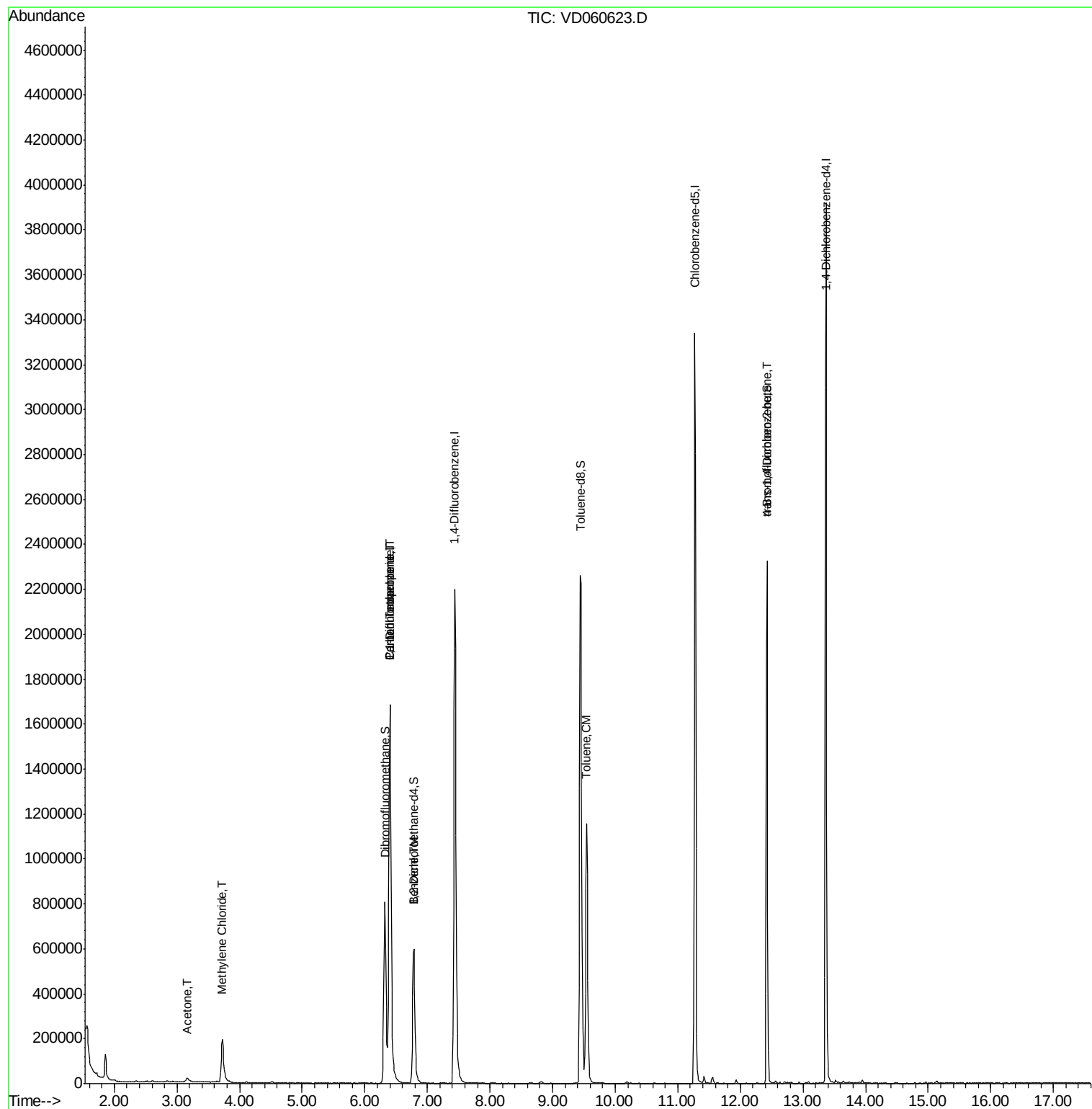
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1685736	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.44	114	2346451	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1864116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	951355	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	480638	40.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.46%	
35) Dibromofluoromethane	6.32	113	653647	37.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.86%	
50) Toluene-d8	9.45	98	1917162	38.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.88%	
62) 4-Bromofluorobenzene	12.43	95	672723	37.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.40%	
Target Compounds						
2) Dichlorodifluoromethane	1.59	85	833	Below Cal	#	41
16) Acetone	3.16	43	39787	20.774	ug/l	97
20) Methylene Chloride	3.73	84	131453	3.297	ug/l	95
31) Cyclohexane	6.40	56	33626	Below Cal	#	1
36) 1,1-Dichloropropene	6.40	75	120324	5.246	ug/l	# 46
38) Carbon Tetrachloride	6.40	117	132062	6.414	ug/l	# 16
40) Benzene	6.80	78	80404	1.372	ug/l	94
52) Toluene	9.54	92	602652	16.449	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.42	75	274451	91.288	ug/l	# 14
89) n-Butylbenzene	13.65	91	2556	Below Cal		85

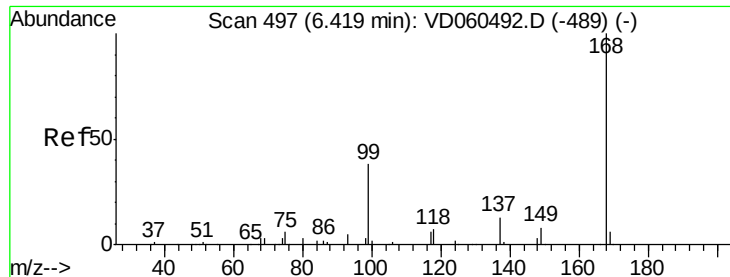
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD121818\
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EB11_0-2

Quant Time: Dec 19 02:48:48 2018
Quant Method : Z:\V0ASRV\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: 6.40 min Scan# 496

Delta R.T. -0.02 min

Lab File: VD060623.D

Acq: 18 Dec 2018 16:10

Instrument :

MSVOA_D

ClientSampleId :

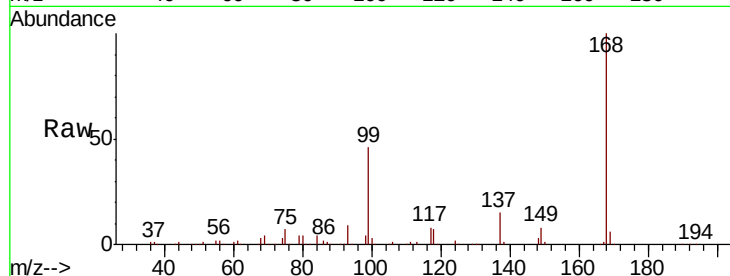
EB11 0-2

Tot Ion:168 Resp: 1685736

Ion Ratio Lower Upper

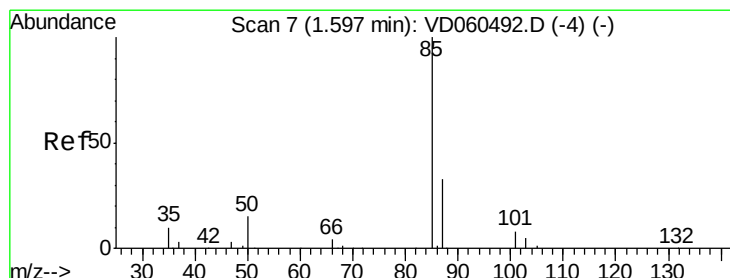
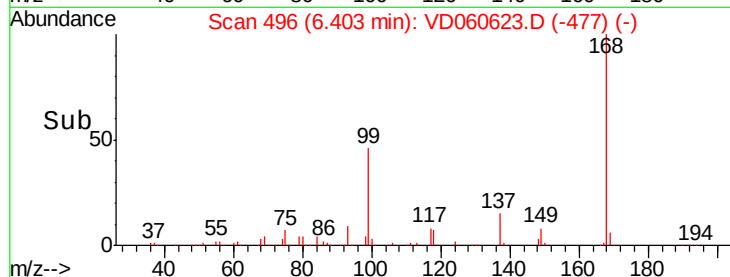
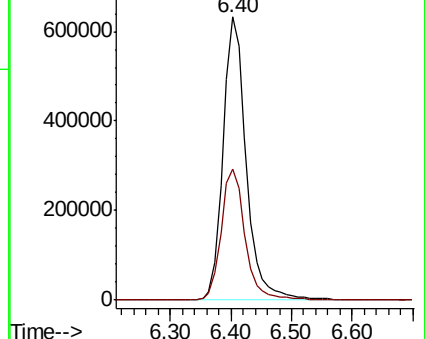
168 100

99 46.4 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.59 min Scan# 7

Delta R.T. -0.01 min

Lab File: VD060623.D

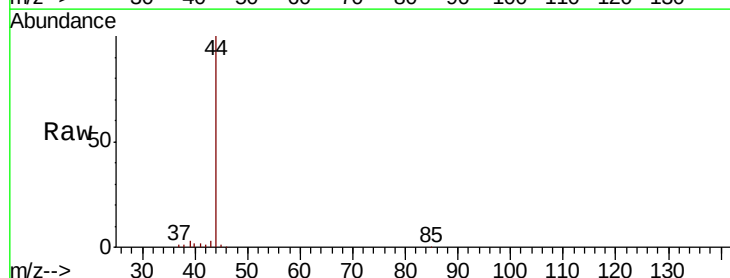
Acq: 18 Dec 2018 16:10

Tgt Ion: 85 Resp: 833

Ion Ratio Lower Upper

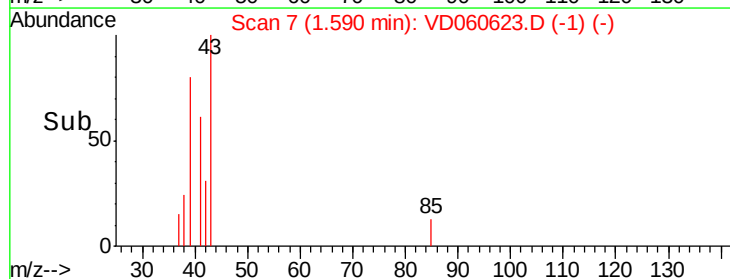
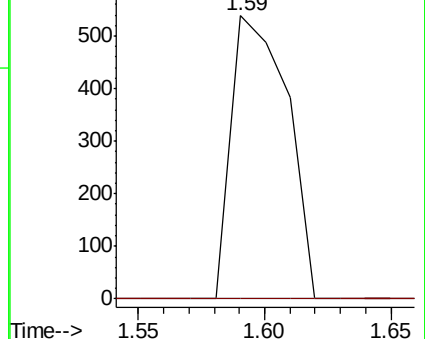
85 100

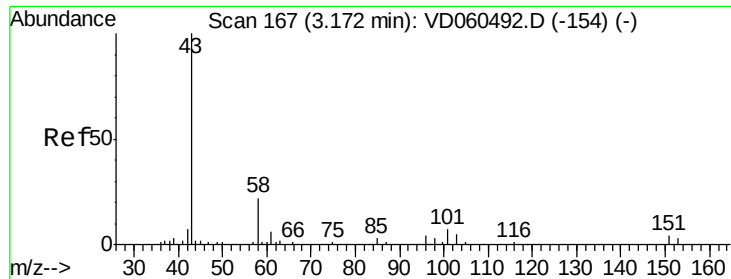
87 0.0 16.7 50.0#



Abundance Ion 84.95 (84.65 to 85.65): V

Ion 86.90 (86.60 to 87.60): V

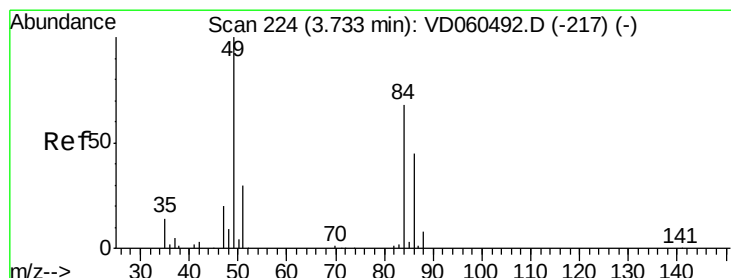
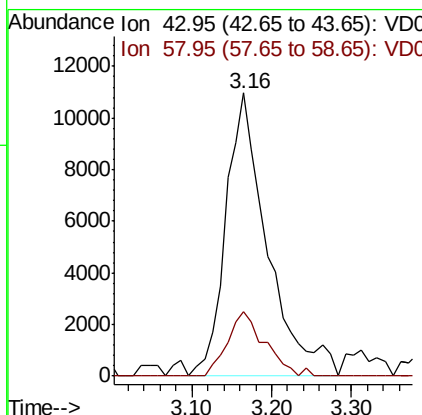
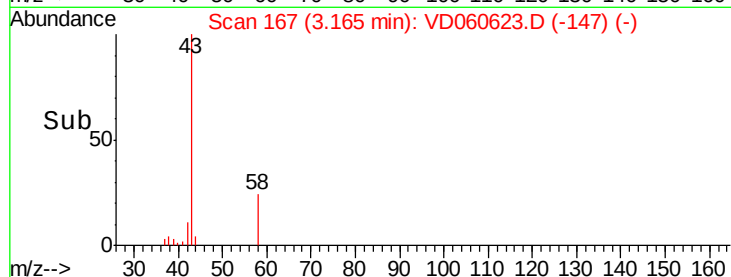
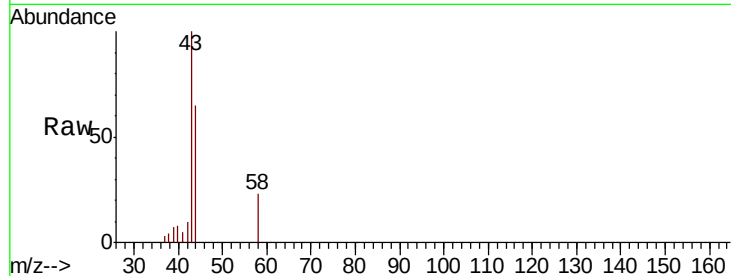




#16
Acetone
Concen: 20.774 ug/l
RT: 3.16 min Scan# 167
Delta R.T. -0.01 min
Lab File: VD060623.D
Acq: 18 Dec 2018 16:10

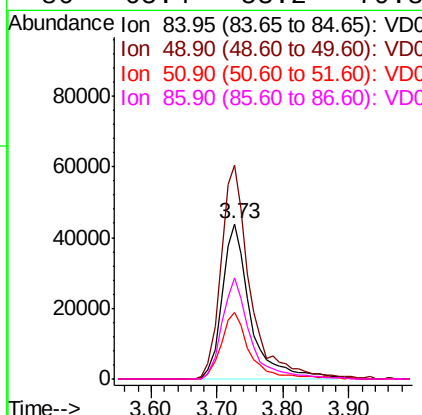
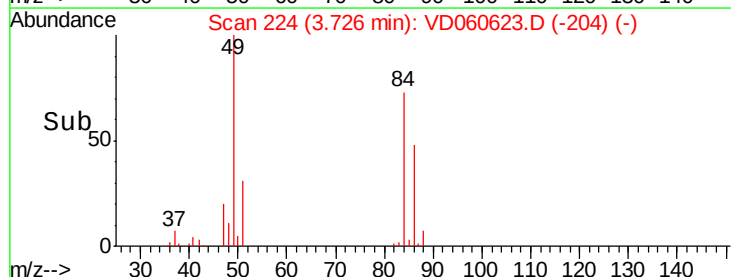
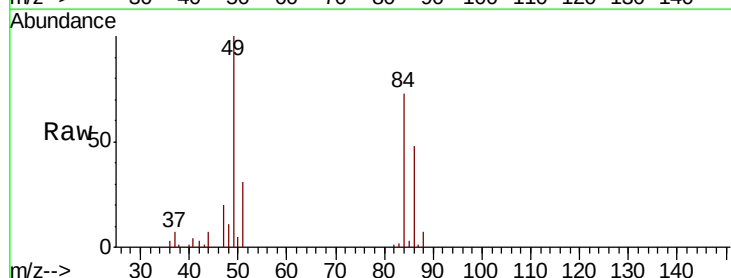
Instrument :
MSVOA_D
ClientSampleId :
EB11 0-2

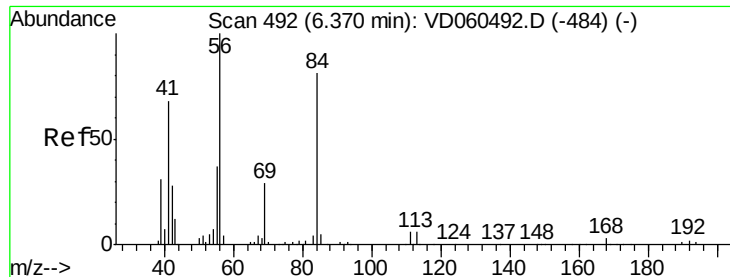
Tot Ion: 43 Resp: 39787
Ion Ratio Lower Upper
43 100
58 22.9 17.3 25.9



#20
Methylene Chloride
Concen: 3.297 ug/l
RT: 3.73 min Scan# 224
Delta R.T. -0.01 min
Lab File: VD060623.D
Acq: 18 Dec 2018 16:10

Tgt Ion: 84 Resp: 131453
Ion Ratio Lower Upper
84 100
49 137.6 117.2 175.8
51 43.0 35.3 52.9
86 65.4 53.2 79.8

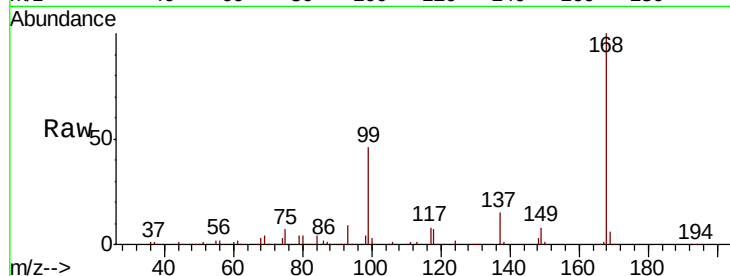




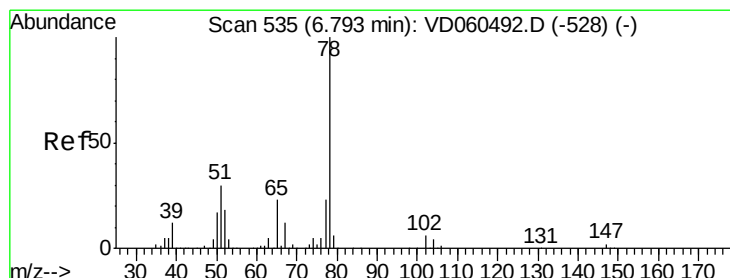
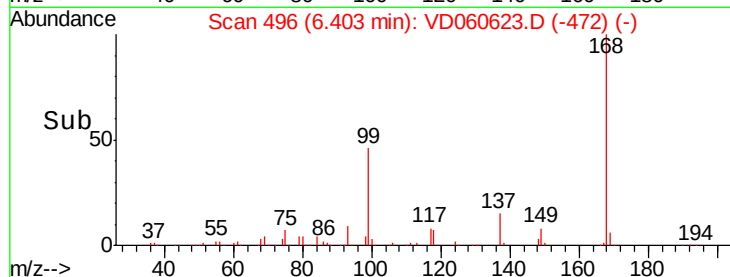
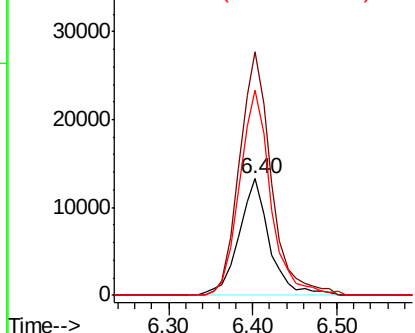
#31
Cyclohexane
Concen: Below Cal
RT: 6.40 min Scan# 496
Delta R.T. 0.03 min
Lab File: VD060623.D
Acq: 18 Dec 2018 16:10

Instrument :
MSVOA_D
ClientSampleId :
EB11_0-2

Tot Ion: 56 Resp: 33626
Ion Ratio Lower Upper
56 100
69 209.1 22.8 34.2#
84 175.7 65.1 97.7#

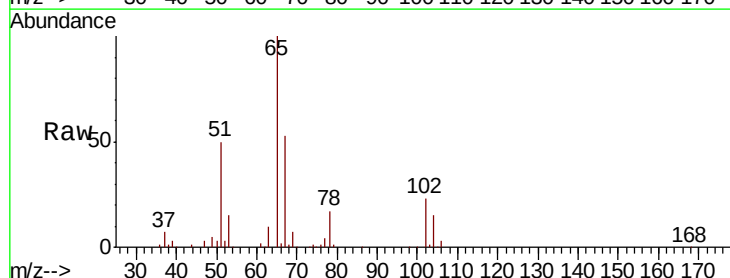


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

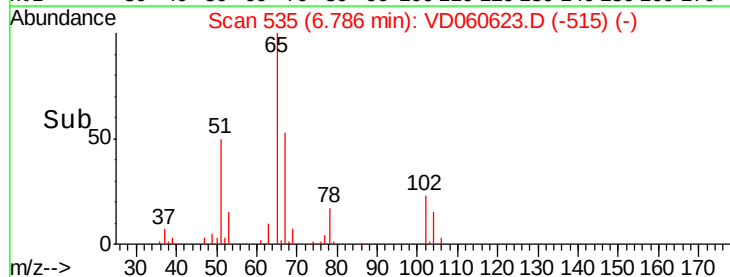
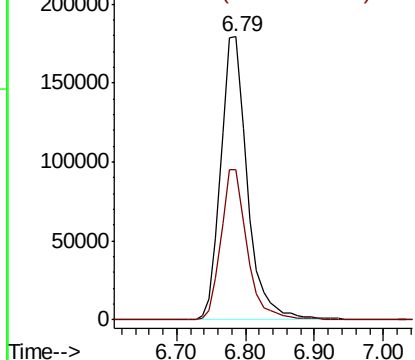


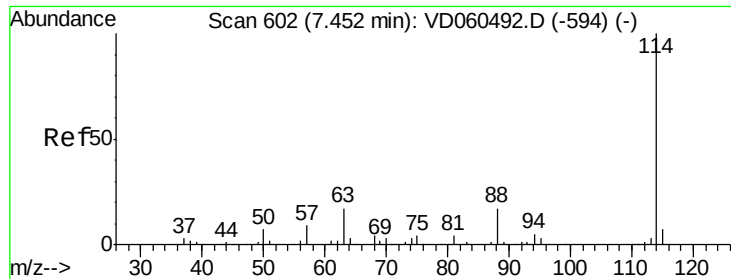
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.01 min
Lab File: VD060623.D
Acq: 18 Dec 2018 16:10

Tgt Ion: 65 Resp: 480638
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

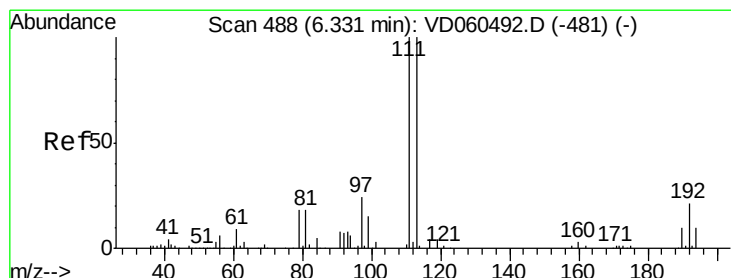
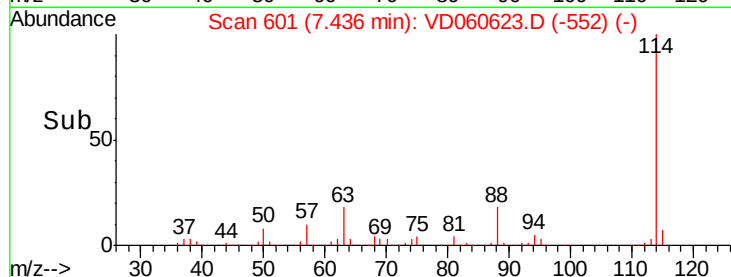
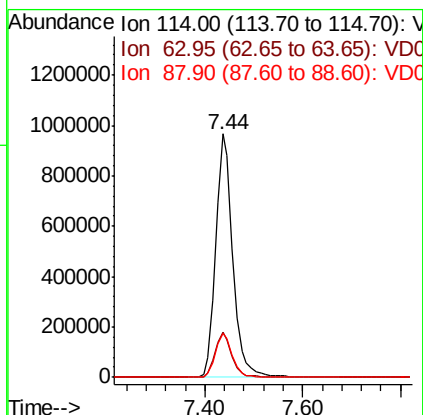
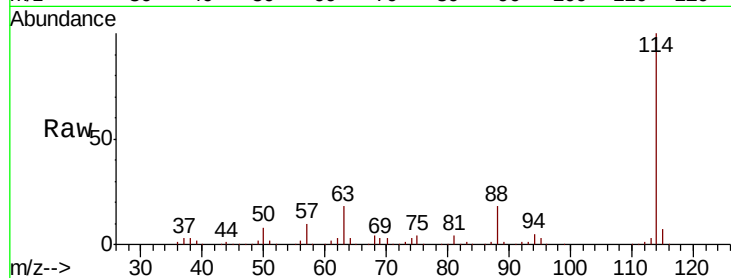




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: VD060623.D
 Acq: 18 Dec 2018 16:10

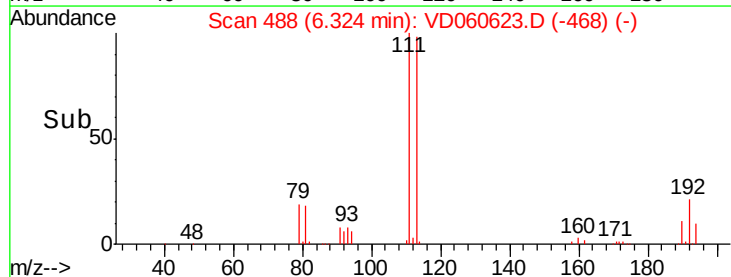
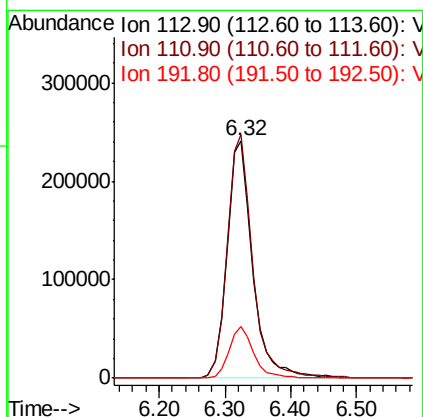
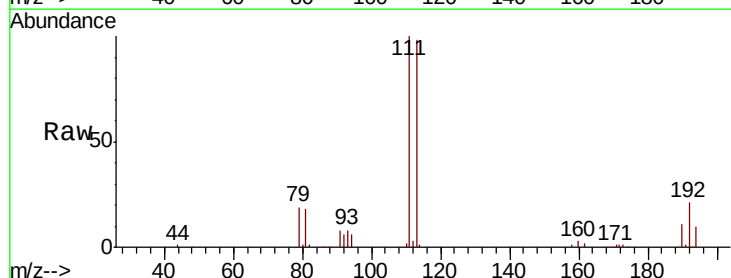
Instrument :
 MSVOA_D
 ClientSampleId :
 EB11_0-2

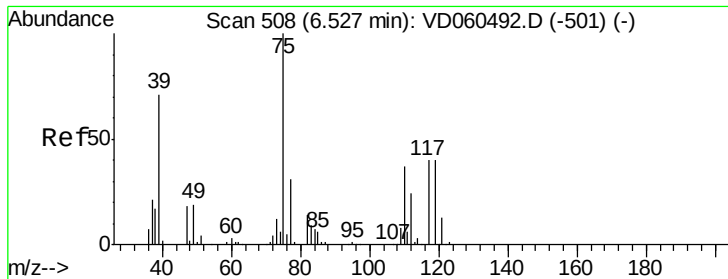
Tot Ion:114 Resp: 2346451
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 34.2
 88 18.2 0.0 35.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: VD060623.D
 Acq: 18 Dec 2018 16:10

Tgt Ion:113 Resp: 653647
 Ion Ratio Lower Upper
 113 100
 111 102.4 80.2 120.4
 192 21.7 16.6 24.8

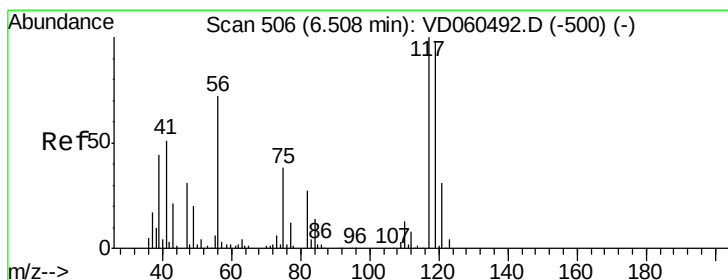
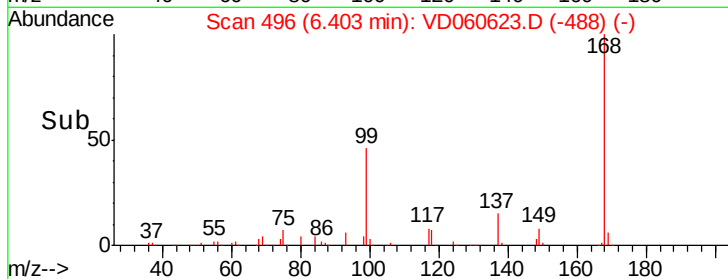
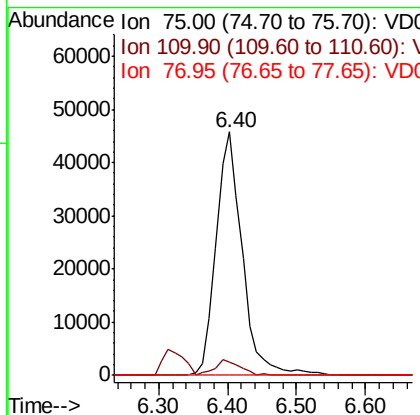
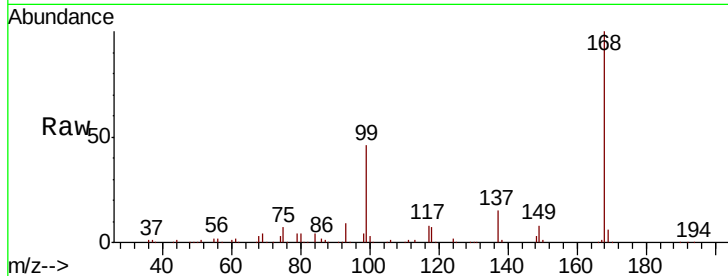




#36
 1,1-Dichloropropene
 Concen: 5.246 ug/l
 RT: 6.40 min Scan# 496
 Delta R.T. -0.12 min
 Lab File: VD060623.D
 Acq: 18 Dec 2018 16:10

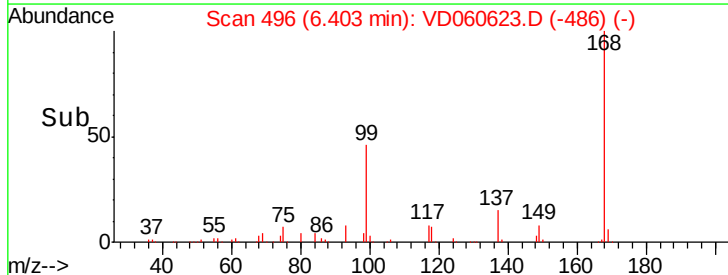
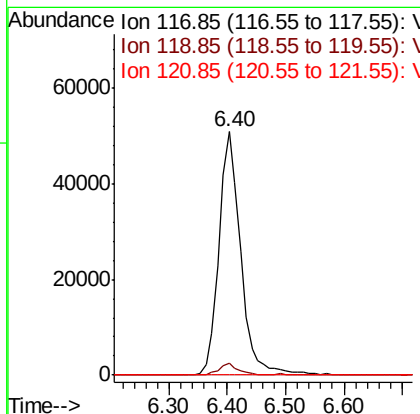
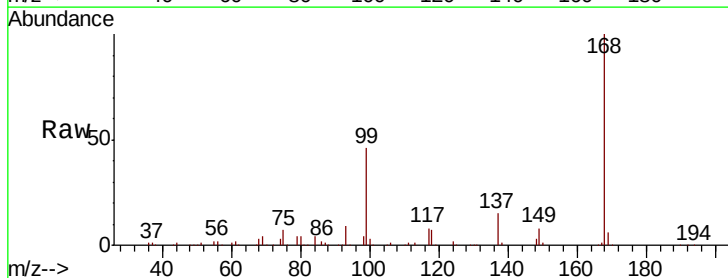
Instrument :
 MSVOA_D
 ClientSampleId :
 EB11_0-2

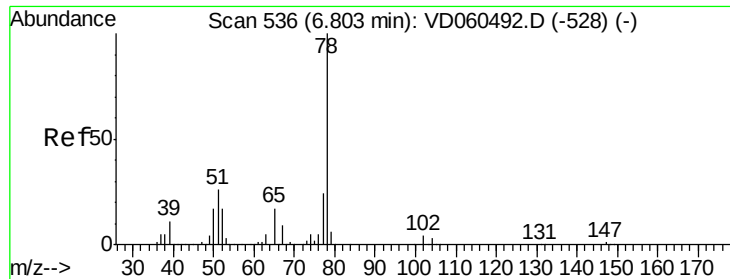
Tot Ion	Ratio	Lower	Upper
75	100		
110	5.4	18.3	54.8#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.414 ug/l
 RT: 6.40 min Scan# 496
 Delta R.T. -0.11 min
 Lab File: VD060623.D
 Acq: 18 Dec 2018 16:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	76.8	115.2#
121	0.0	24.4	36.6#

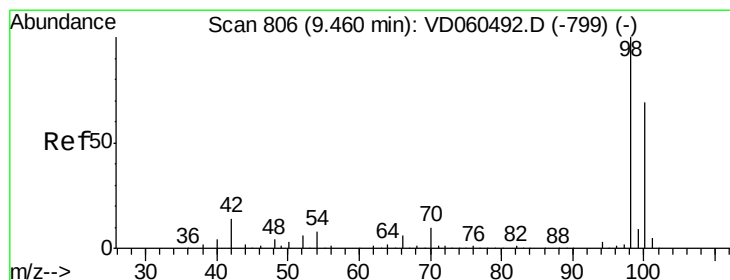
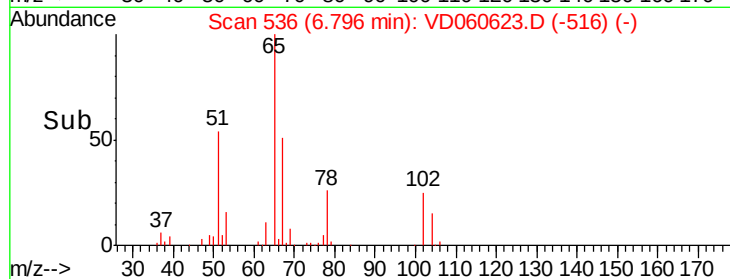
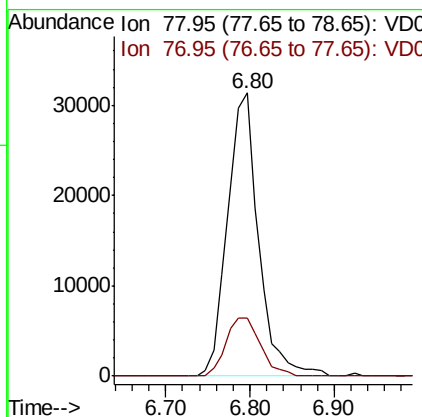
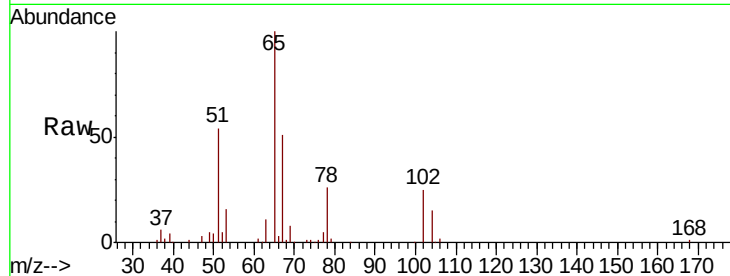




#40
Benzene
Concen: 1.372 ug/l
RT: 6.80 min Scan# 536
Delta R.T. -0.01 min
Lab File: VD060623.D
Acq: 18 Dec 2018 16:10

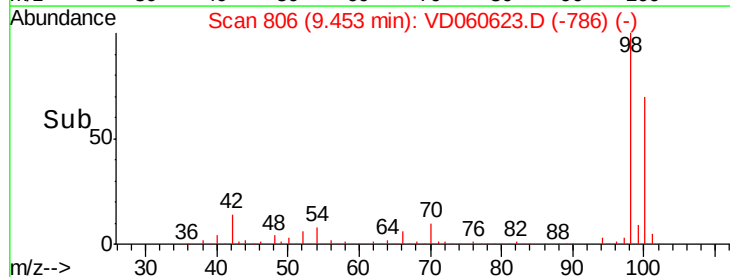
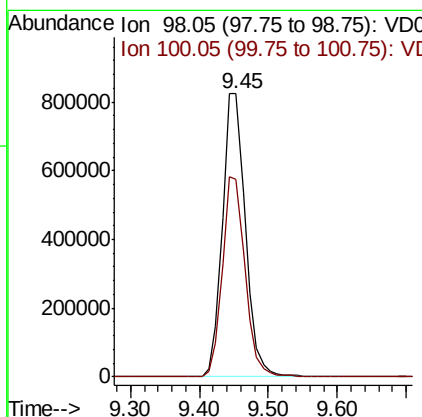
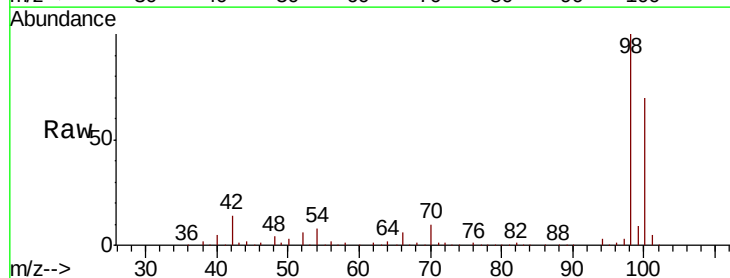
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MSVOA_D
ClientSampleId :
EB11 0-2

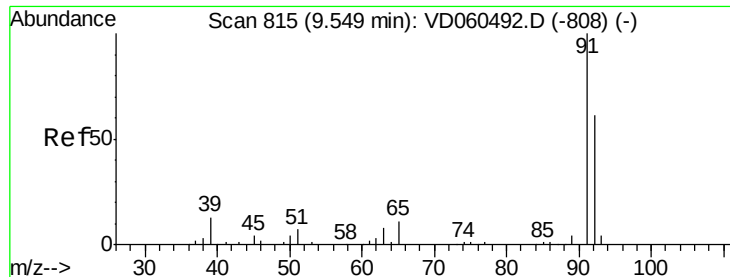
Tot Ion: 78 Resp: 80404
Ion Ratio Lower Upper
78 100
77 20.5 18.9 28.3



#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. -0.01 min
Lab File: VD060623.D
Acq: 18 Dec 2018 16:10

Tgt Ion: 98 Resp: 1917162
Ion Ratio Lower Upper
98 100
100 70.0 55.7 83.5





#52

Toluene

Concen: 16.449 ug/l

RT: 9.54 min Scan# 815

Delta R.T. -0.01 min

Lab File: VD060623.D

Acq: 18 Dec 2018 16:10

Instrument :

MSVOA_D

ClientSampleId :

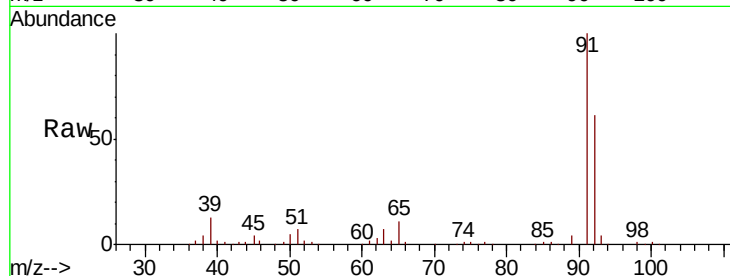
EB11 0-2

Tot Ion: 92 Resp: 602652

Ion Ratio Lower Upper

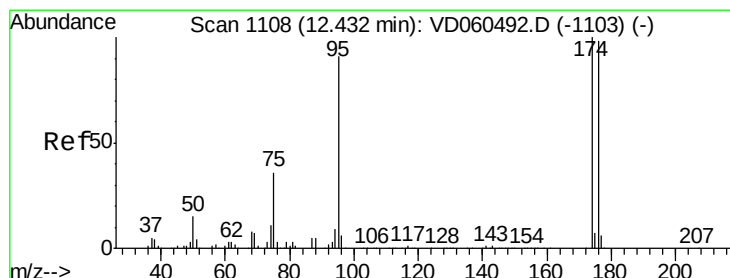
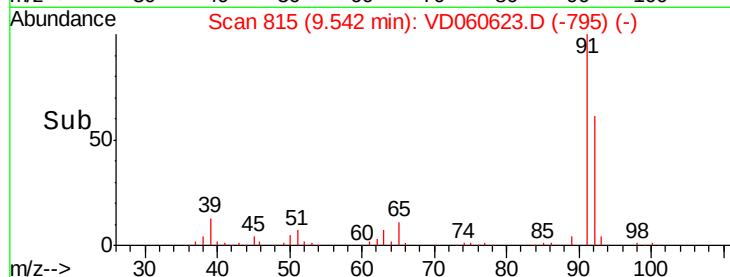
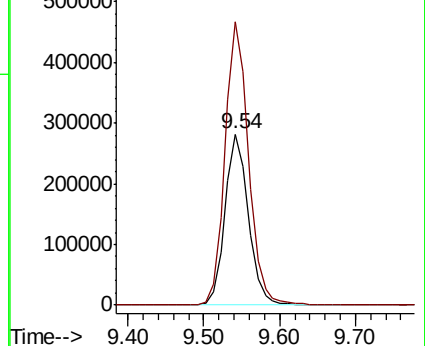
92 100

91 165.2 131.7 197.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060623.D

Acq: 18 Dec 2018 16:10

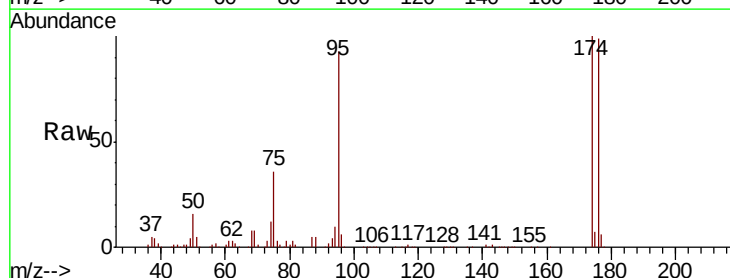
Tgt Ion: 95 Resp: 672723

Ion Ratio Lower Upper

95 100

174 108.0 0.0 219.4

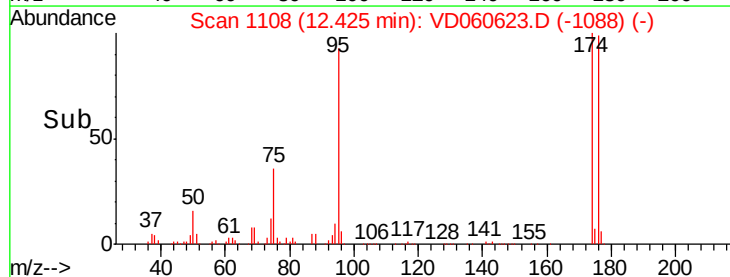
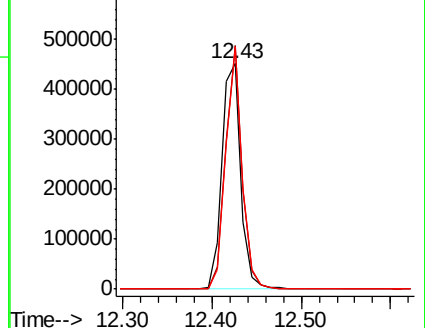
176 107.3 0.0 214.6

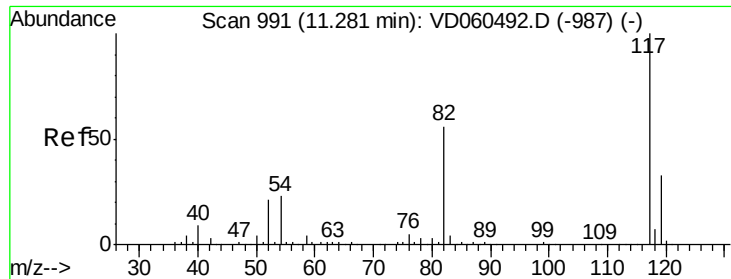


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

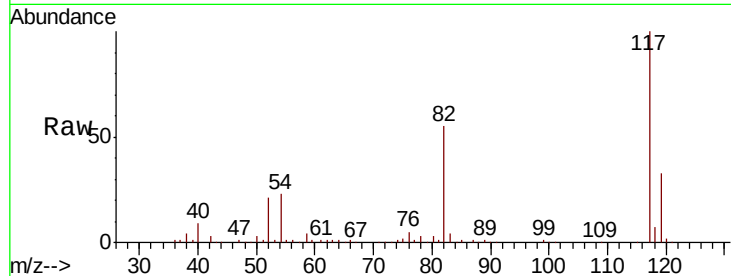




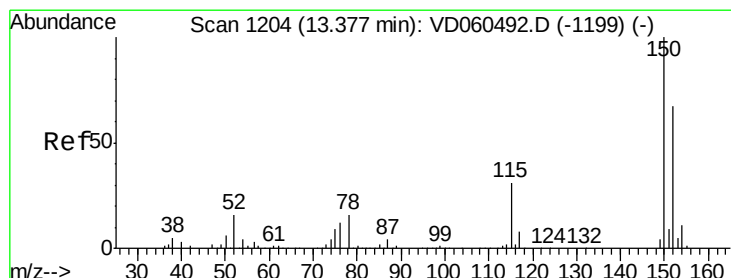
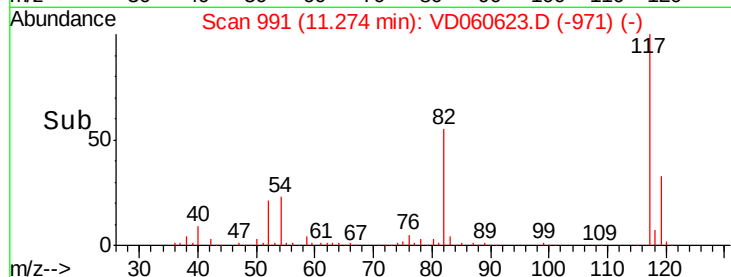
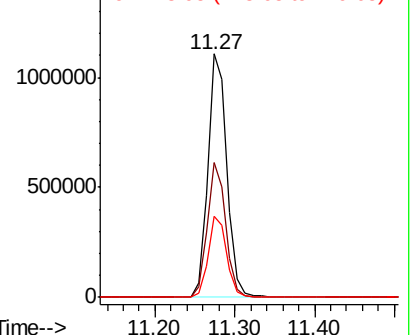
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 991
Delta R.T. -0.01 min
Lab File: VD060623.D
Acq: 18 Dec 2018 16:10

Instrument :
MSVOA_D
ClientSampled :
EB11 0-2

Tot Ion:117 Resp: 1864116
Ion Ratio Lower Upper
117 100
82 55.4 45.2 67.8
119 33.1 26.1 39.1

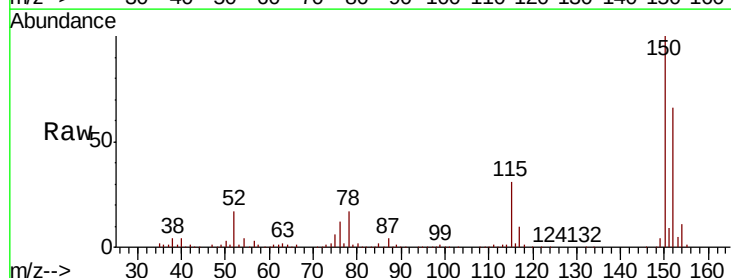


Abundance Ion 116.95 (116.65 to 117.65): V
1500000 Ion 82.05 (81.75 to 82.75): VD
Ion 118.95 (118.65 to 119.65): V

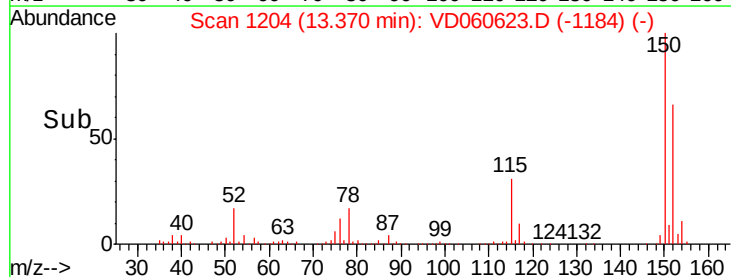
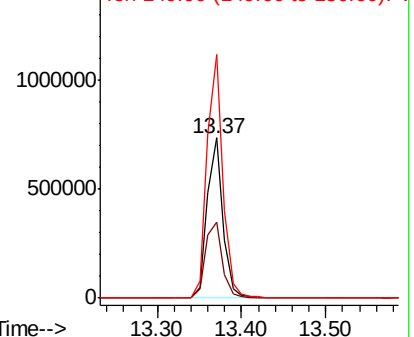


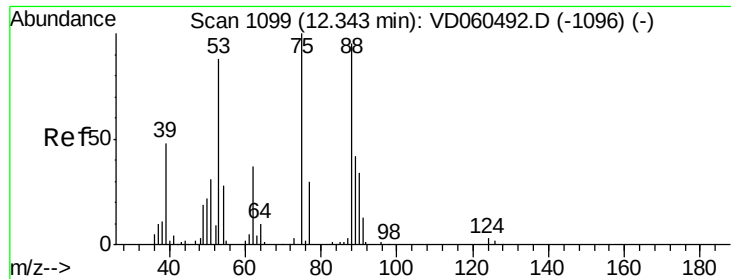
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060623.D
Acq: 18 Dec 2018 16:10

Tgt Ion:152 Resp: 951355
Ion Ratio Lower Upper
152 100
115 47.3 24.6 74.0
150 152.1 0.0 309.0



Abundance Ion 151.90 (151.60 to 152.60): V
1500000 Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 91.288 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.07 min

Lab File: VD060623.D

Acq: 18 Dec 2018 16:10

Instrument :

MSVOA_D

ClientSampleId :

EB11 0-2

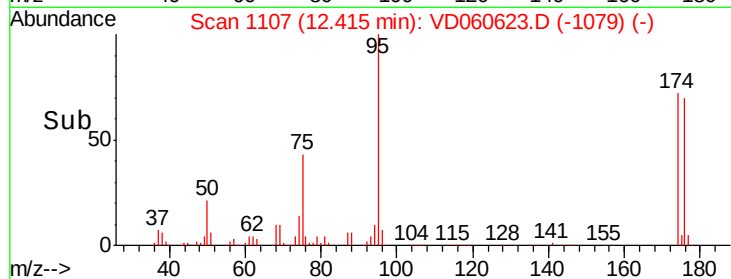
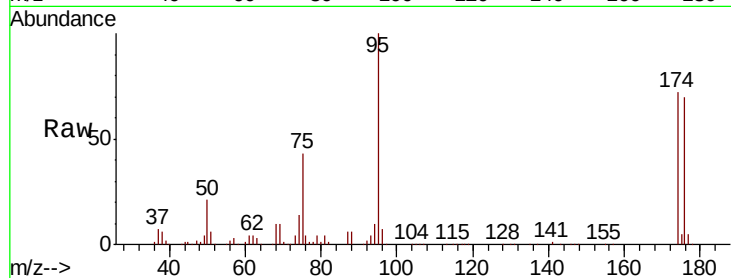
Tot Ion: 75 Resp: 274451

Ion Ratio Lower Upper

75 100

53 0.0 70.5 105.7#

89 0.0 33.6 50.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

