

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110918\
 Data File : VD060326.D
 Acq On : 9 Nov 2018 21:48
 Operator : VA/AP
 Sample : J5887-15
 Misc : 4.97g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 W-3-S

Quant Time: Nov 12 03:39:30 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

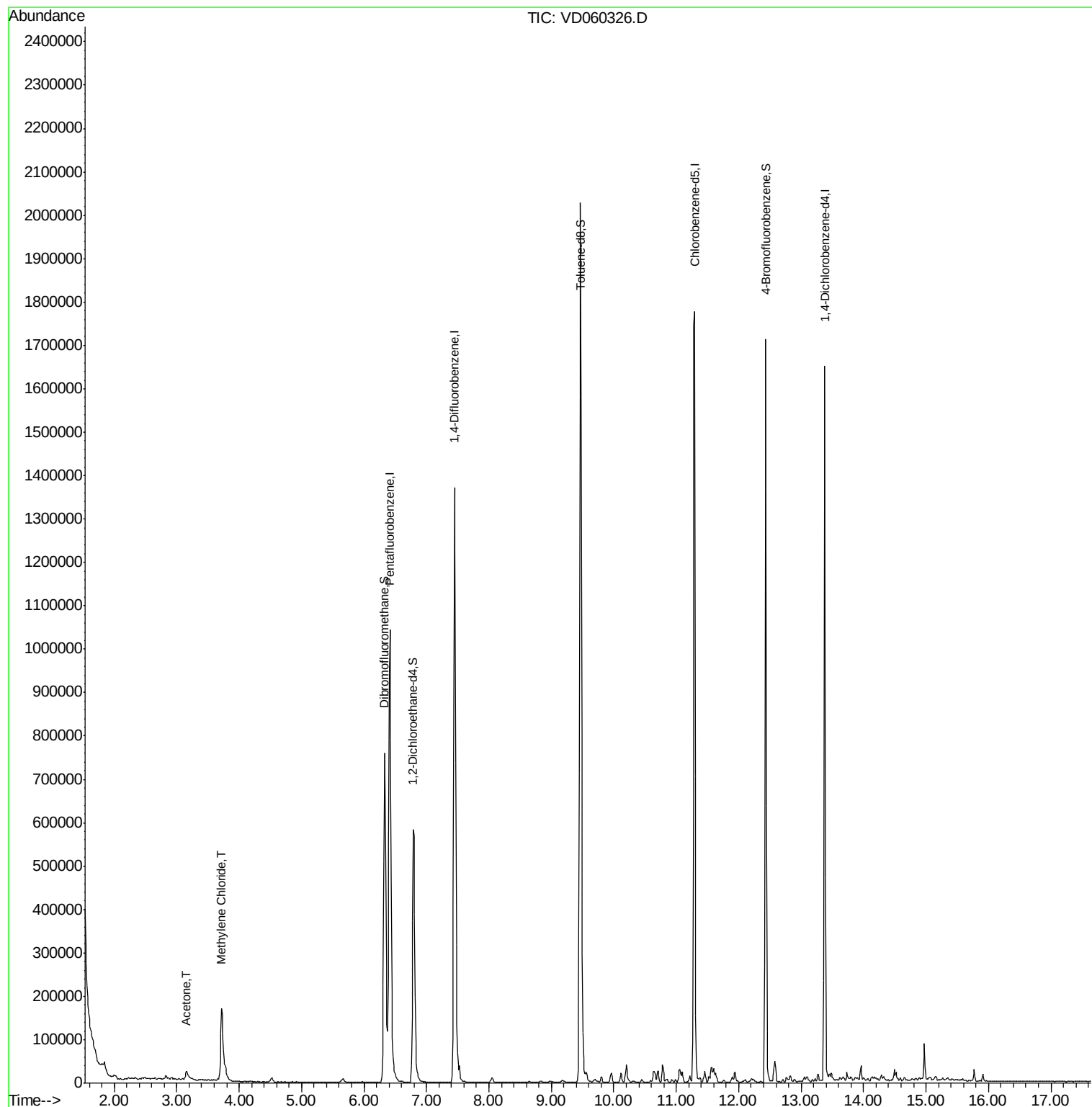
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	992051	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.45	114	1406304	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.29	117	1018862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	400117	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	501060	70.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	141.08%	
35) Dibromofluoromethane	6.33	113	602903	57.49	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	114.98%	
50) Toluene-d8	9.46	98	1564028	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.44	95	477729	42.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.92%	
Target Compounds						
16) Acetone	3.16	43	37058	30.076	ug/l	97
20) Methylene Chloride	3.72	84	102317	9.361	ug/l	98

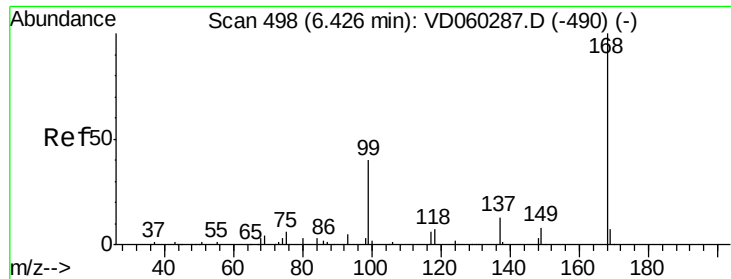
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.41 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060326.D

Acq: 9 Nov 2018 21:48

Instrument :

MSVOA_D

ClientSampleId :

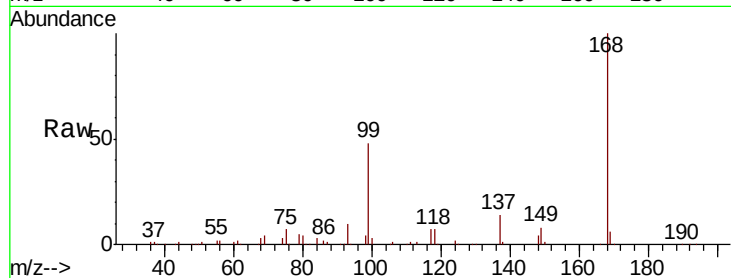
W-3-S

Tot Ion:168 Resp: 992051

Ion Ratio Lower Upper

168 100

99 47.8 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.41

400000

300000

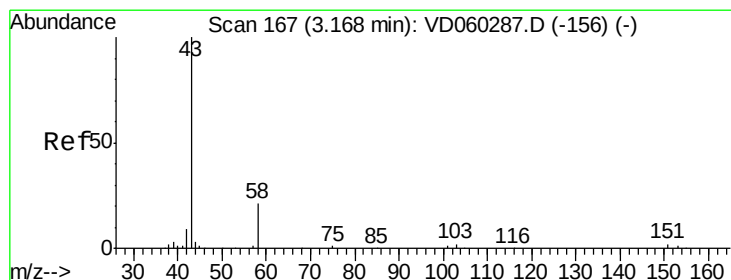
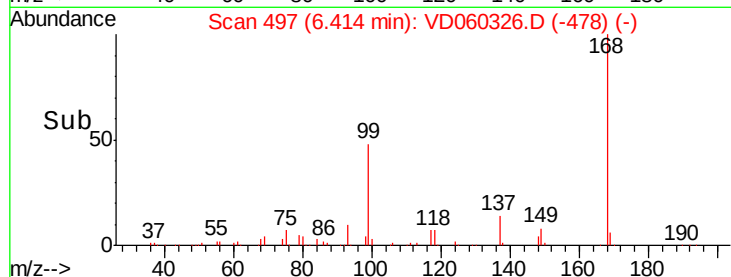
200000

100000

0

6.30 6.40 6.50 6.60

Time-->



#16

Acetone

Concen: 30.076 ug/l

RT: 3.16 min Scan# 166

Delta R.T. -0.01 min

Lab File: VD060326.D

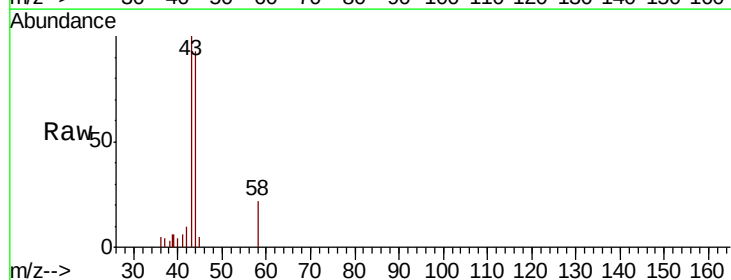
Acq: 9 Nov 2018 21:48

Tgt Ion: 43 Resp: 37058

Ion Ratio Lower Upper

43 100

58 22.3 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.16

12000

10000

8000

6000

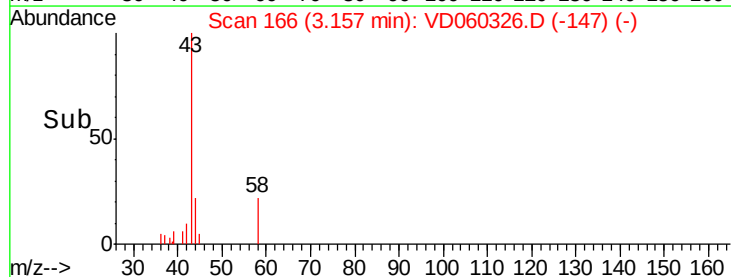
4000

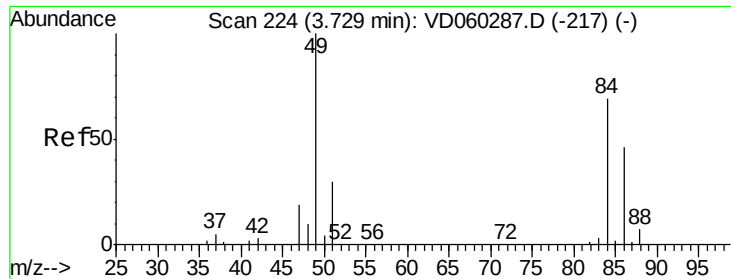
2000

0

3.00 3.10 3.20 3.30

Time-->

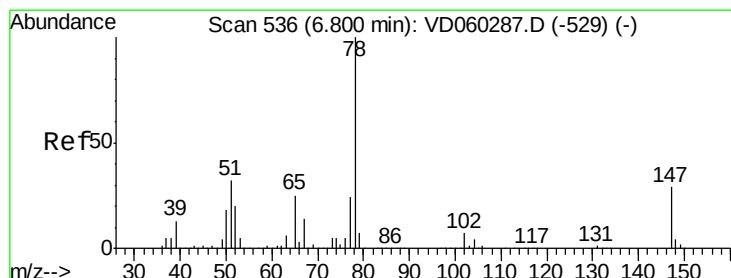
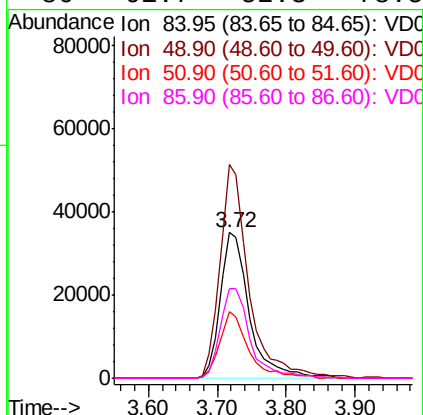
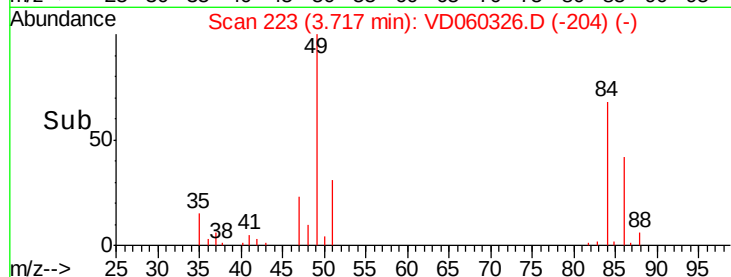
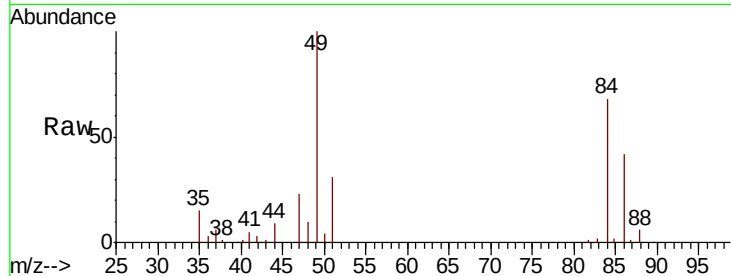




#20
Methylene Chloride
Concen: 9.361 ug/l
RT: 3.72 min Scan# 223
Delta R.T. -0.01 min
Lab File: VD060326.D
Acq: 9 Nov 2018 21:48

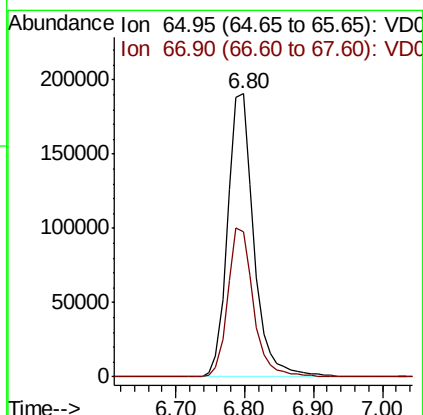
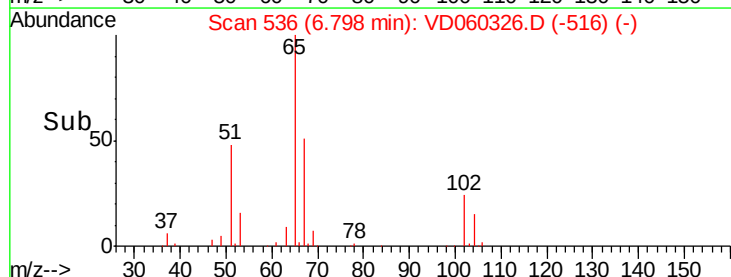
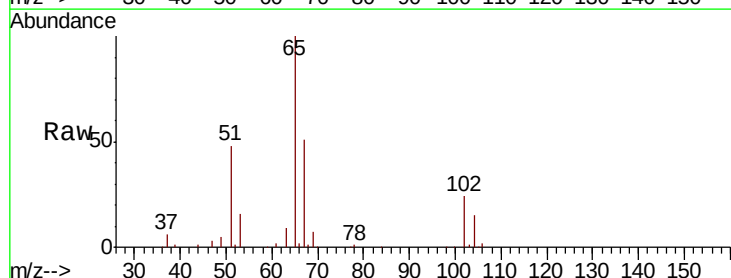
Instrument :
MSVOA_D
ClientSampleId :
W-3-S

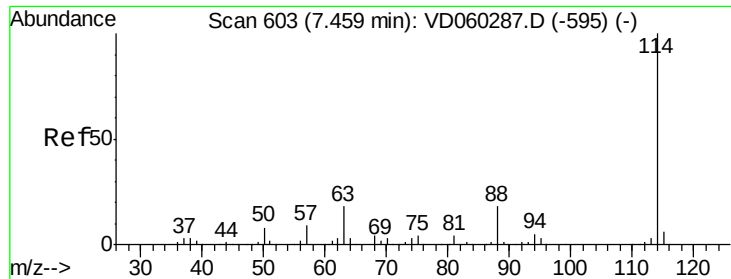
Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	146.8	115.6	173.4	
51	45.4	35.6	53.4	
86	61.7	52.3	78.5	



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.80 min Scan# 536
Delta R.T. -0.00 min
Lab File: VD060326.D
Acq: 9 Nov 2018 21:48

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
67	51.5	0.0	109.8	

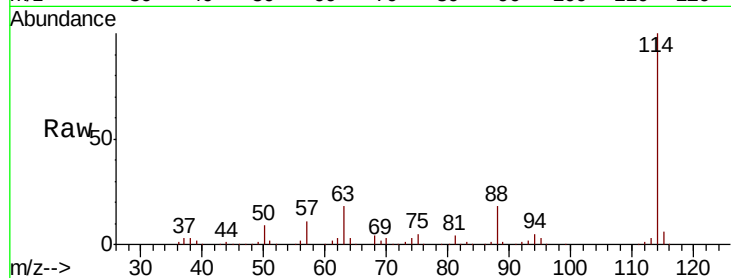




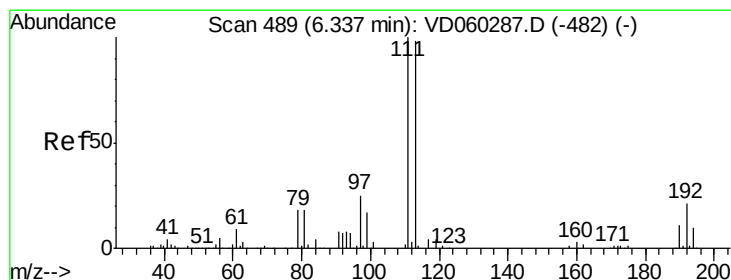
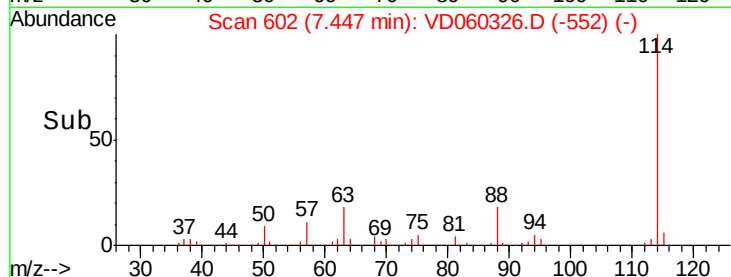
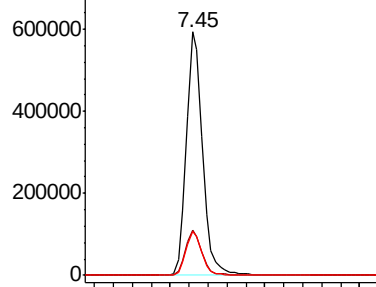
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060326.D
 Acq: 9 Nov 2018 21:48

Instrument :
 MSVOA_D
 ClientSampleId :
 W-3-S

Tot Ion:114 Resp: 1406304
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 34.0
 88 18.2 0.0 35.4

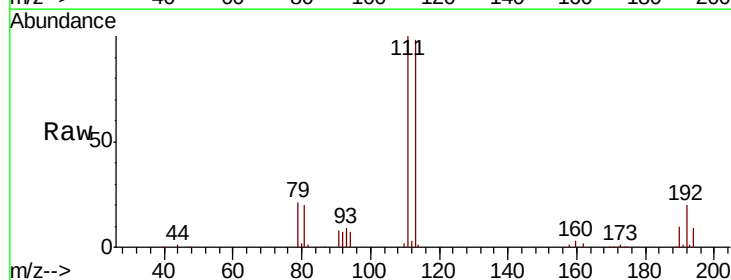


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

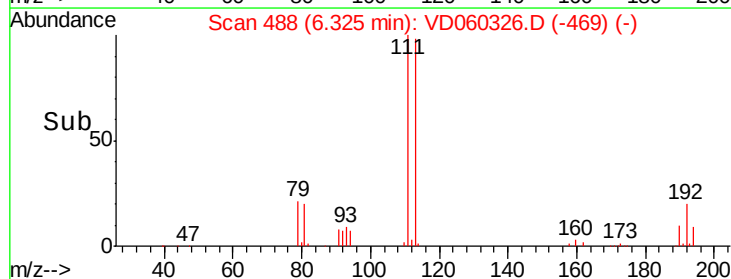
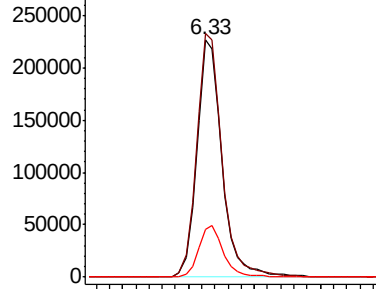


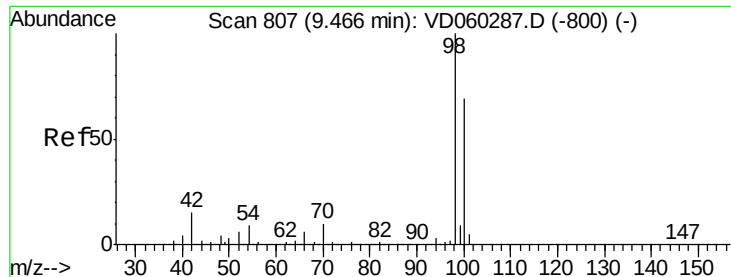
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: VD060326.D
 Acq: 9 Nov 2018 21:48

Tgt Ion:113 Resp: 602903
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.6 122.4
 192 20.1 16.5 24.7



Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.46 min Scan# 807

Delta R.T. -0.00 min

Lab File: VD060326.D

Acq: 9 Nov 2018 21:48

Instrument :

MSVOA_D

ClientSampleId :

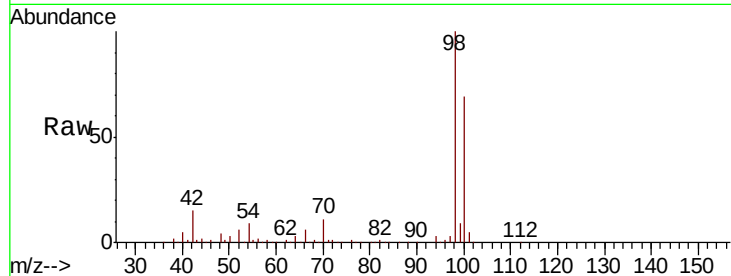
W-3-S

Tot Ion: 98 Resp: 1564028

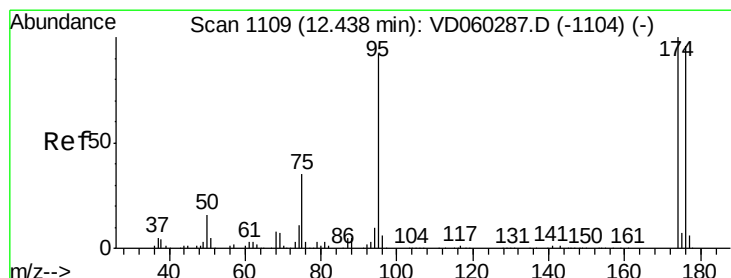
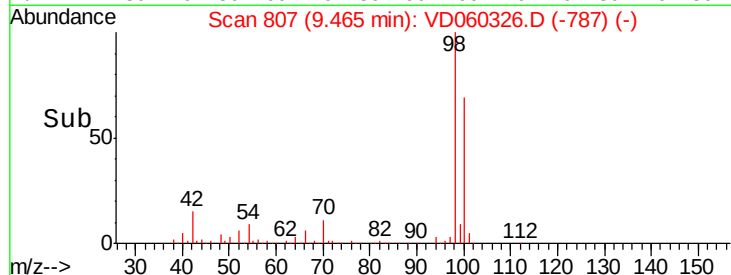
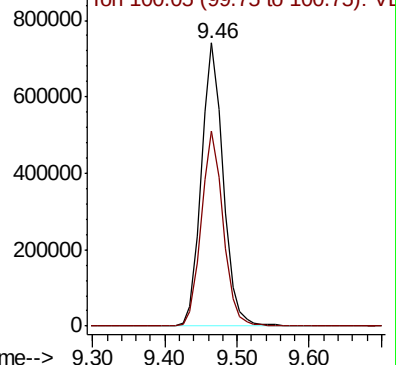
Ion Ratio Lower Upper

98 100

100 68.8 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VD060326.D (-787) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.44 min Scan# 1109

Delta R.T. -0.00 min

Lab File: VD060326.D

Acq: 9 Nov 2018 21:48

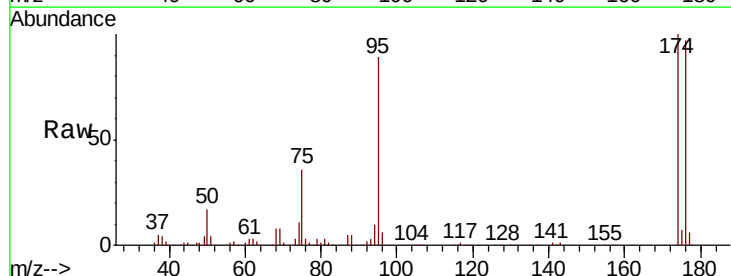
Tgt Ion: 95 Resp: 477729

Ion Ratio Lower Upper

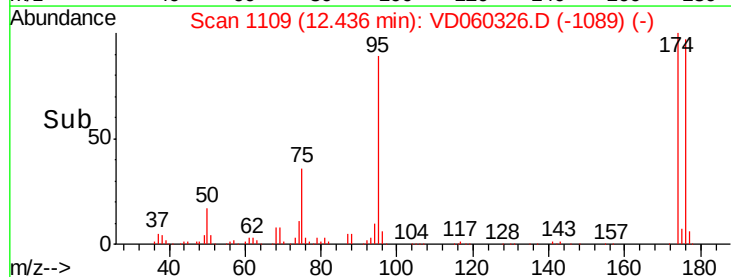
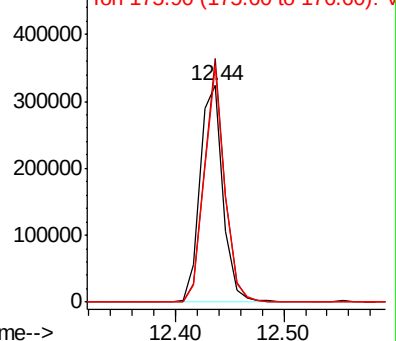
95 100

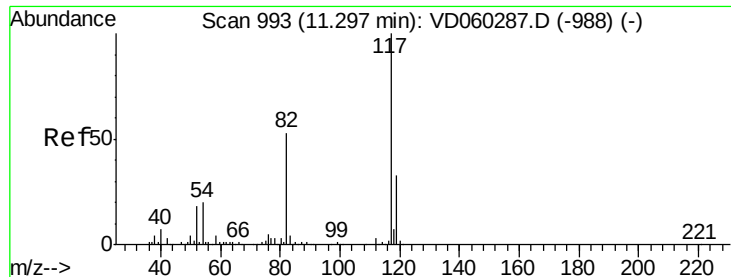
174 112.5 0.0 160.8

176 109.3 0.0 154.6



Abundance Ion 95.00 (94.70 to 95.70): VD060326.D (-1089) (-)

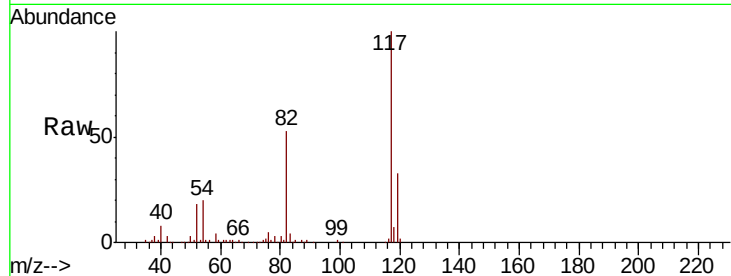




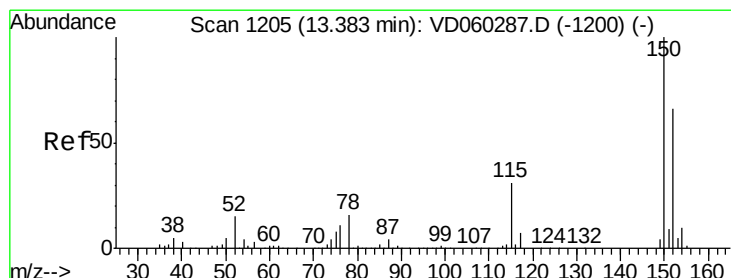
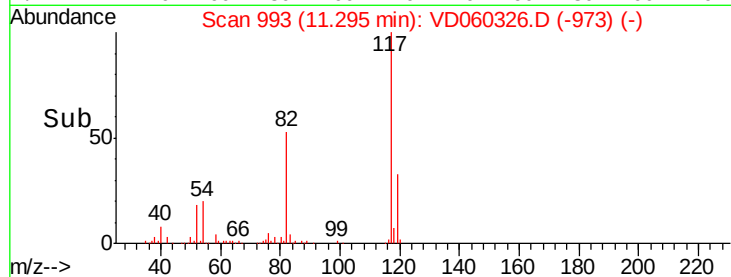
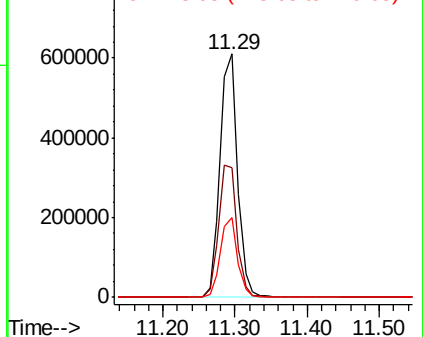
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 993
Delta R.T. -0.00 min
Lab File: VD060326.D
Acq: 9 Nov 2018 21:48

Instrument :
MSVOA_D
ClientSampleId :
W-3-S

Tot Ion:117 Resp: 1018862
Ion Ratio Lower Upper
117 100
82 53.2 43.7 65.5
119 32.6 26.1 39.1

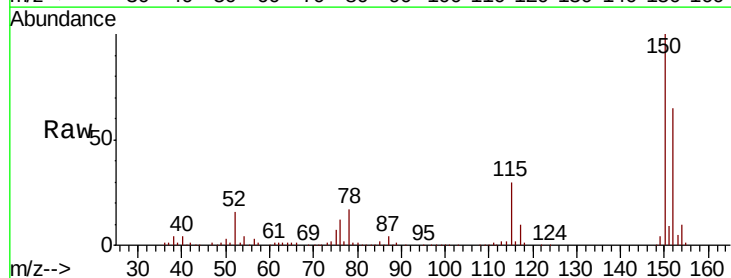


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. -0.00 min
Lab File: VD060326.D
Acq: 9 Nov 2018 21:48

Tgt Ion:152 Resp: 400117
Ion Ratio Lower Upper
152 100
115 46.3 24.1 72.3
150 154.0 0.0 310.6



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

