

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110718\
 Data File : VD060302.D
 Acq On : 7 Nov 2018 15:46
 Operator : JC/SY
 Sample : J5827-41
 Misc : 6.00g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-E

Quant Time: Nov 08 15:39:30 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

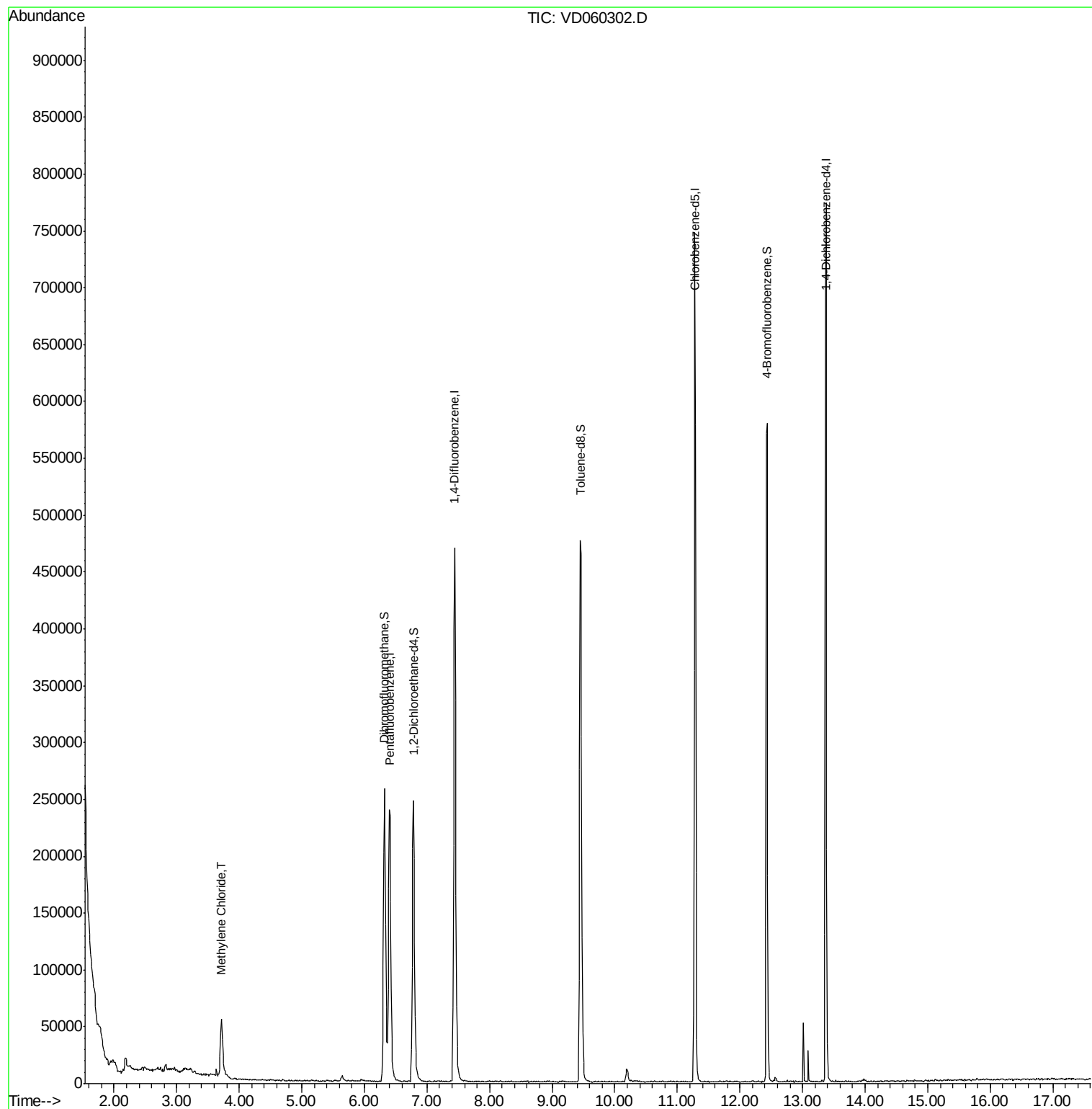
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	235079	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.44	114	468965	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.28	117	388049	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	189628	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	208772	124.03	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	248.06%	
35) Dibromofluoromethane	6.32	113	199639	57.09	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	114.18%	
50) Toluene-d8	9.45	98	394108	38.51	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	77.02%	
62) 4-Bromofluorobenzene	12.42	95	182442	49.19	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	98.38%	
Target Compounds						
20) Methylene Chloride	3.72	84	33052	12.761	ug/l	Qvalue 92

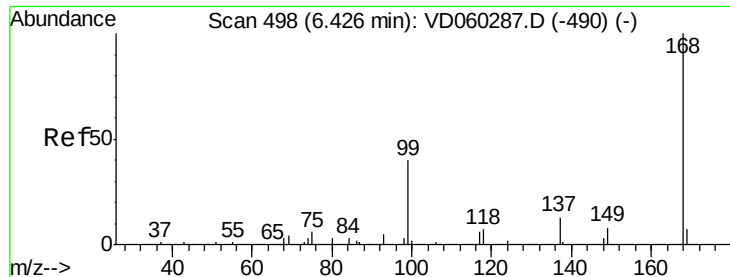
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110718\
Data File : VD060302.D
Acq On : 7 Nov 2018 15:46
Operator : JC/SY
Sample : J5827-41
Misc : 6.00µl/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SP-E

Quant Time: Nov 08 15:39:30 2018
Quant Method : Z:\V0ASRV\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: 6.41 min Scan# 496

Delta R.T. -0.02 min

Lab File: VD060302.D

Acq: 7 Nov 2018 15:46

Instrument :

MSVOA_D

ClientSampleId :

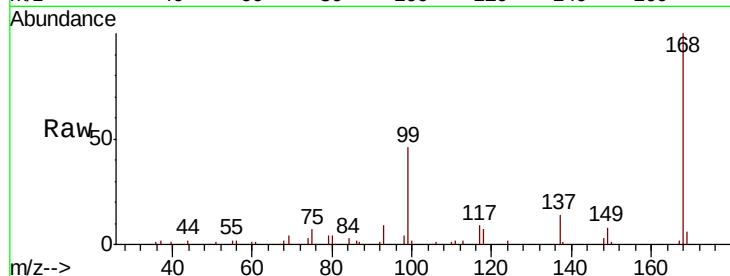
SP-E

Tot Ion:168 Resp: 235079

Ion Ratio Lower Upper

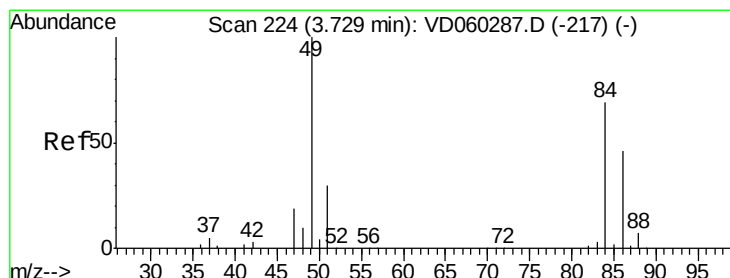
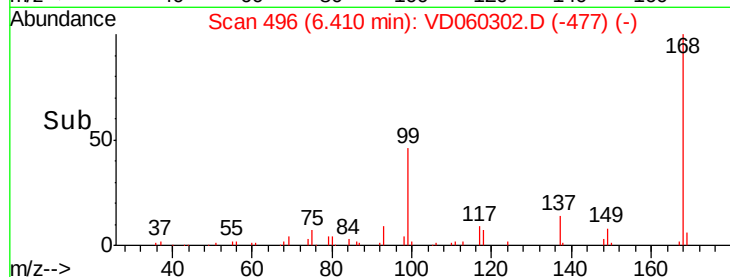
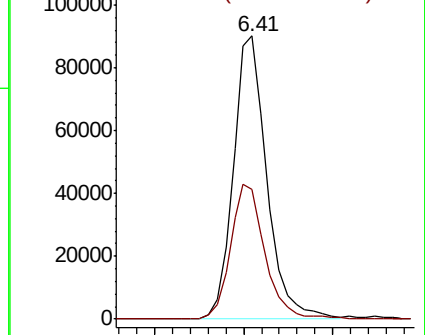
168 100

99 45.8 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 12.761 ug/l

RT: 3.72 min Scan# 223

Delta R.T. -0.01 min

Lab File: VD060302.D

Acq: 7 Nov 2018 15:46

Tgt Ion: 84 Resp: 33052

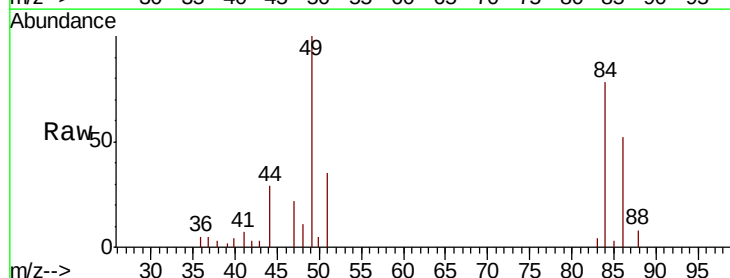
Ion Ratio Lower Upper

84 100

49 128.7 115.6 173.4

51 44.4 35.6 53.4

86 66.5 52.3 78.5

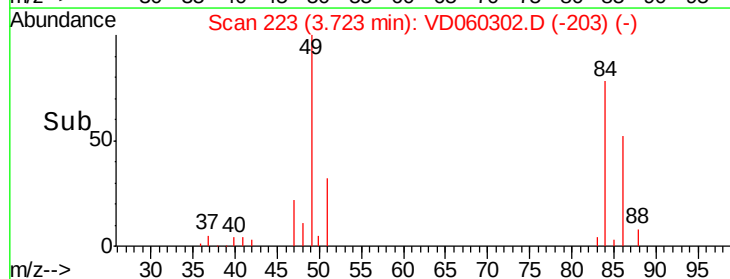
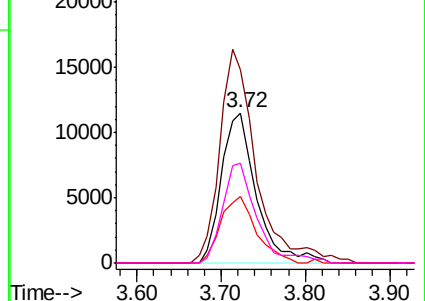


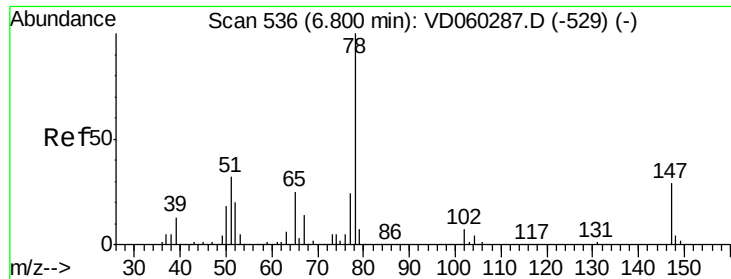
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

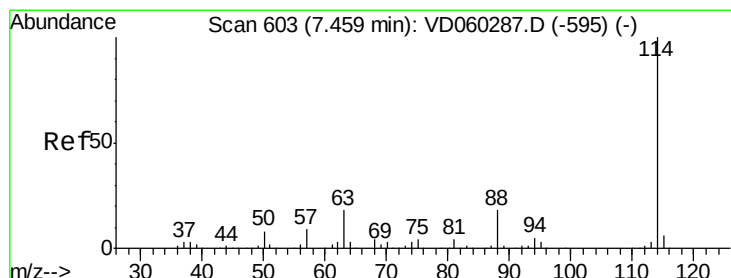
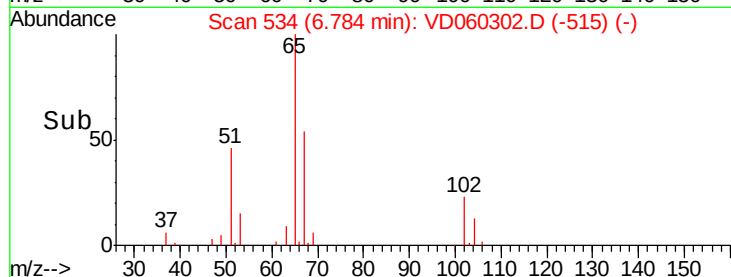
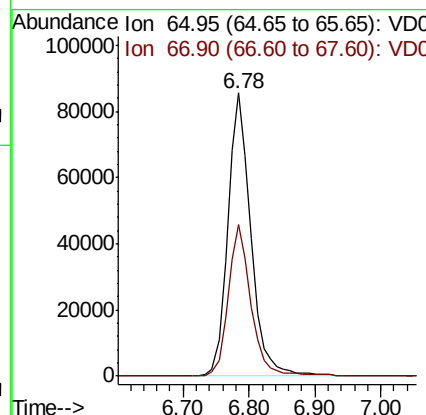
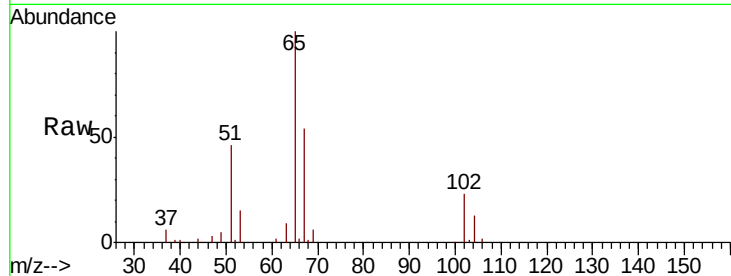




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.78 min Scan# 534
 Delta R.T. -0.02 min
 Lab File: VD060302.D
 Acq: 7 Nov 2018 15:46

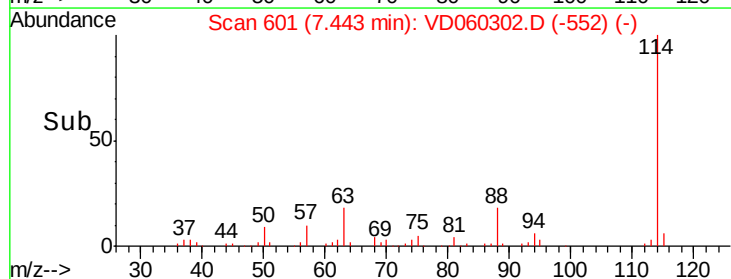
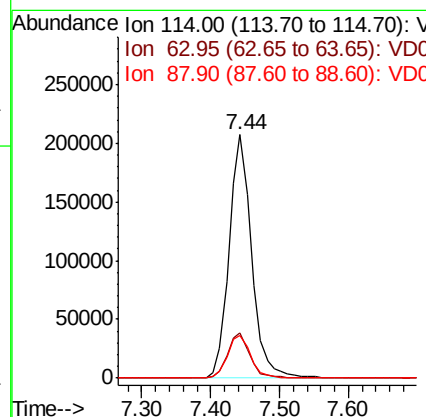
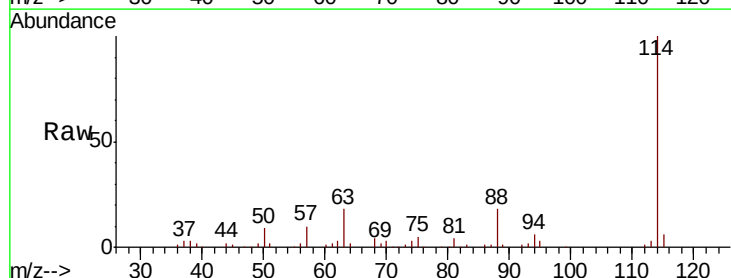
Instrument :
 MSVOA_D
 ClientSampleID :
 SP-E

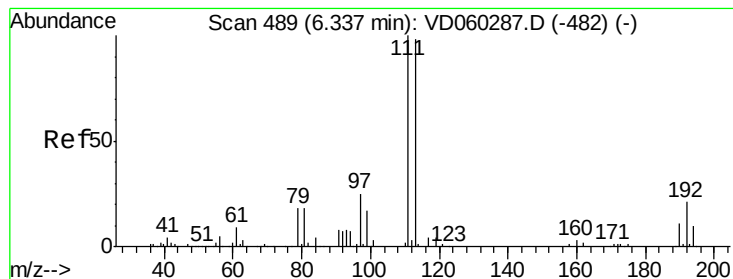
Tot Ion: 65 Resp: 208772
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: VD060302.D
 Acq: 7 Nov 2018 15:46

Tgt Ion:114 Resp: 468965
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 34.0
 88 17.6 0.0 35.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.32 min Scan# 487

Delta R.T. -0.02 min

Lab File: VD060302.D

Acq: 7 Nov 2018 15:46

Instrument :

MSVOA_D

ClientSampleId :

SP-E

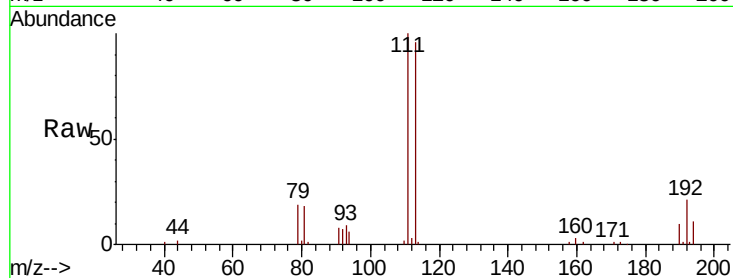
Tot Ion:113 Resp: 199639

Ion Ratio Lower Upper

113 100

111 104.4 81.6 122.4

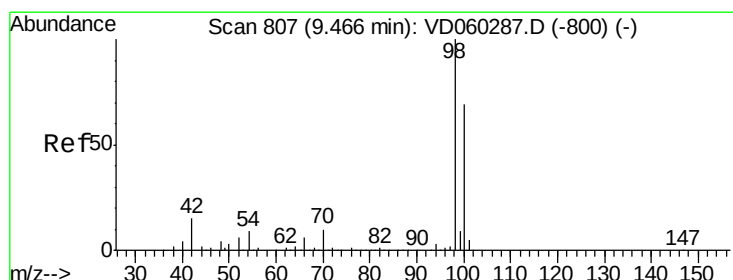
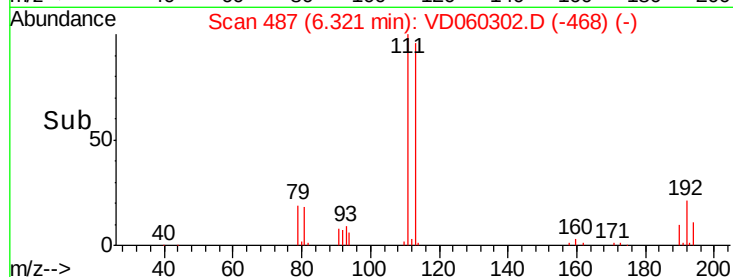
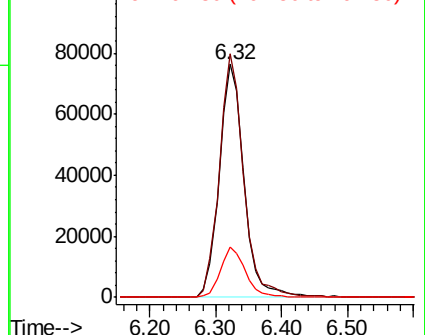
192 21.8 16.5 24.7



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: 9.45 min Scan# 805

Delta R.T. -0.02 min

Lab File: VD060302.D

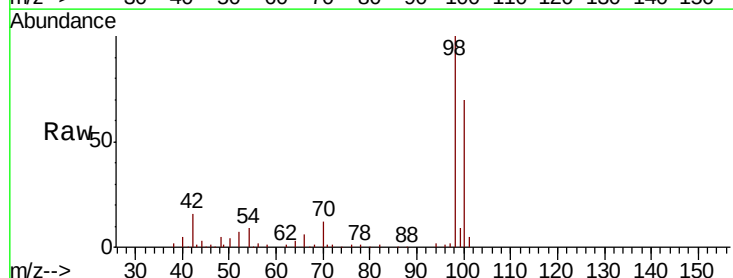
Acq: 7 Nov 2018 15:46

Tgt Ion: 98 Resp: 394108

Ion Ratio Lower Upper

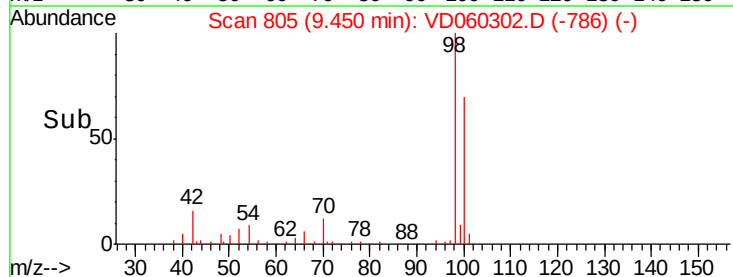
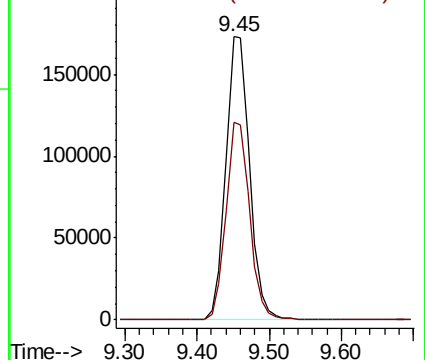
98 100

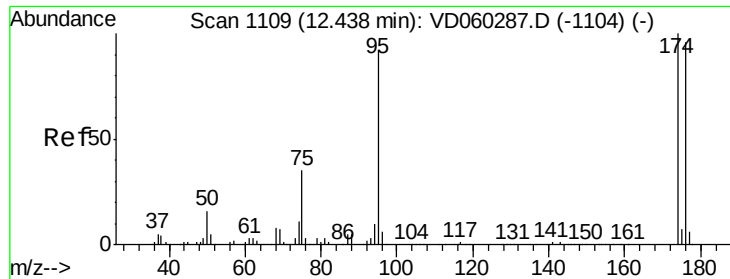
100 69.8 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.02 min

Lab File: VD060302.D

Acq: 7 Nov 2018 15:46

Instrument :

MSVOA_D

ClientSampleId :

SP-E

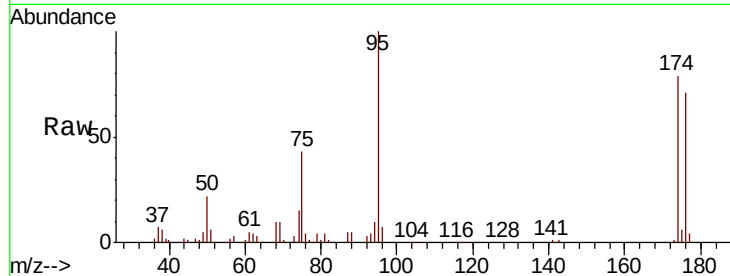
Tot Ion: 95 Resp: 182442

Ion Ratio Lower Upper

95 100

174 78.6 0.0 160.8

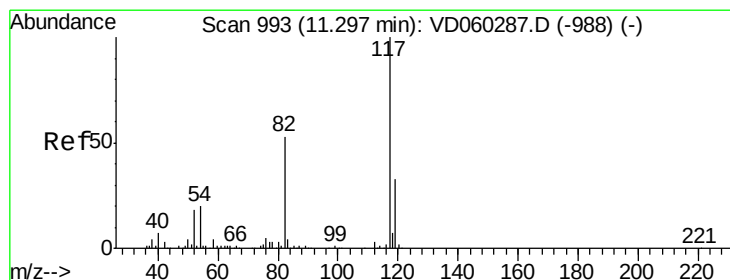
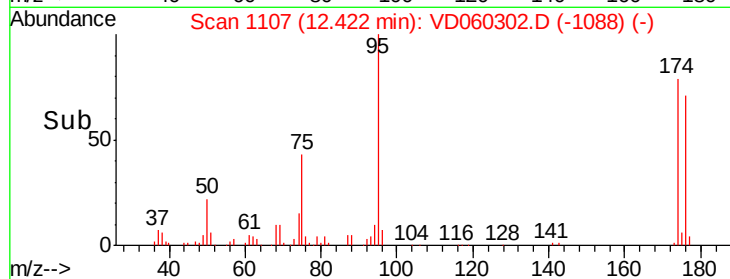
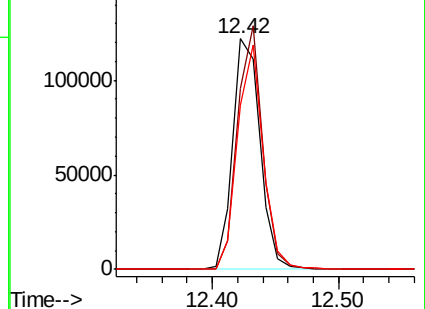
176 71.3 0.0 154.6



Abundance Ion 95.00 (94.70 to 95.70): V

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: 11.28 min Scan# 991

Delta R.T. -0.02 min

Lab File: VD060302.D

Acq: 7 Nov 2018 15:46

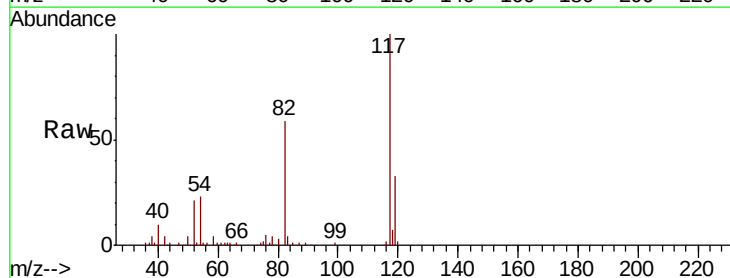
Tgt Ion: 117 Resp: 388049

Ion Ratio Lower Upper

117 100

82 58.7 43.7 65.5

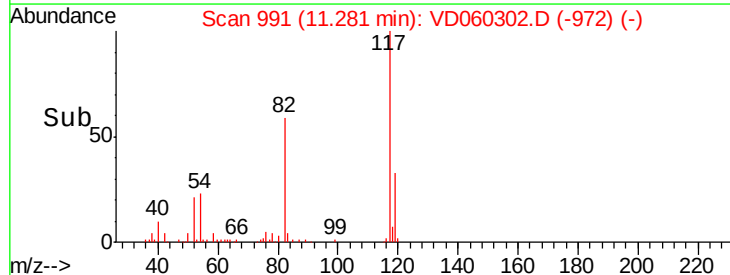
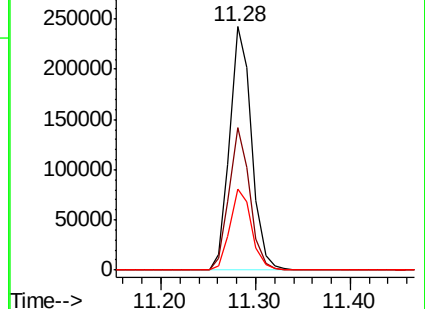
119 33.1 26.1 39.1

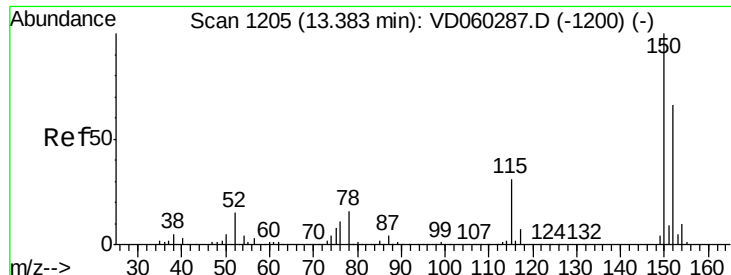


Abundance Ion 116.95 (116.65 to 117.65): V

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# 1204
 Delta R.T. -0.01 min
 Lab File: VD060302.D
 Acq: 7 Nov 2018 15:46

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-E

Tot Ion	Ratio	Lower	Upper
152	100		
115	45.0	24.1	72.3
150	156.8	0.0	310.6

