

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111918\
 Data File : VD060415.D
 Acq On : 19 Nov 2018 14:34
 Operator : JC/SY
 Sample : J5774-01
 Misc : 7.74g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-111618

Quant Time: Nov 20 14:04:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 19 16:31:59 2018
 Response via : Initial Calibration

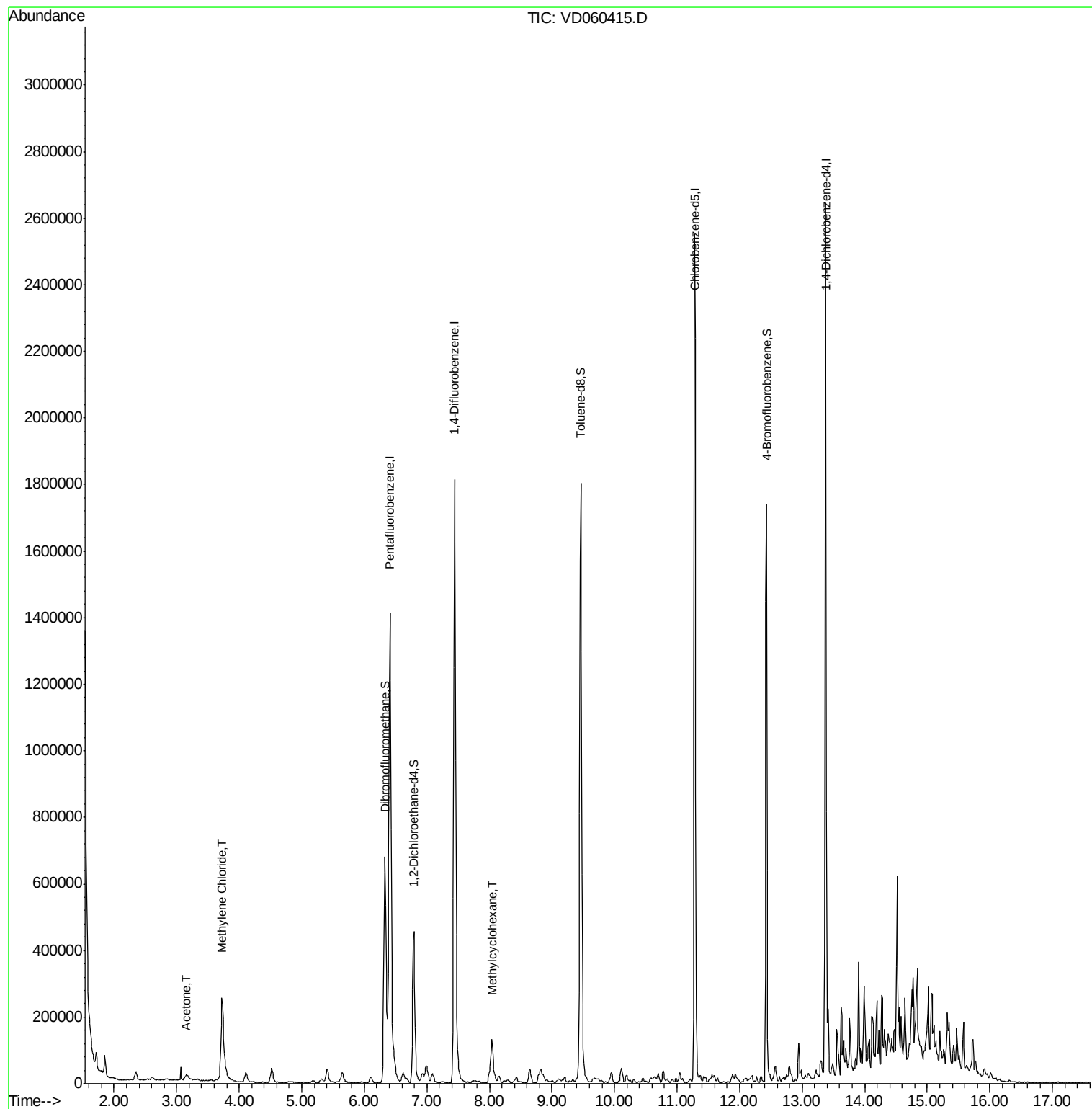
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1398269	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.44	114	1939603	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.28	117	1454811	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	638605	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	383143	38.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.54%	
35) Dibromofluoromethane	6.33	113	554473	38.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.68%	
50) Toluene-d8	9.46	98	1454794	34.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.74%	
62) 4-Bromofluorobenzene	12.43	95	516227	33.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.32%	
Target Compounds						
16) Acetone	3.16	43	43644	25.131	ug/l	97
20) Methylene Chloride	3.73	84	151877	9.859	ug/l	88
39) Methylcyclohexane	8.04	83	63941	2.901	ug/l	99

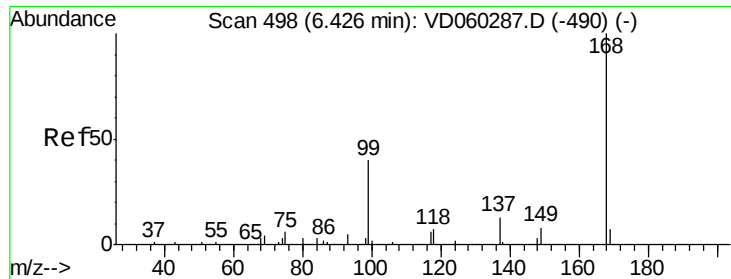
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111918\
Data File : VD060415.D
Acq On : 19 Nov 2018 14:34
Operator : JC/SY
Sample : J5774-01
Misc : 7.74g/5ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SU-04-111618

Quant Time: Nov 20 14:04:29 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 19 16:31:59 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: VD060415.D

Acq: 19 Nov 2018 14:34

Instrument :

MSVOA_D

ClientSampleId :

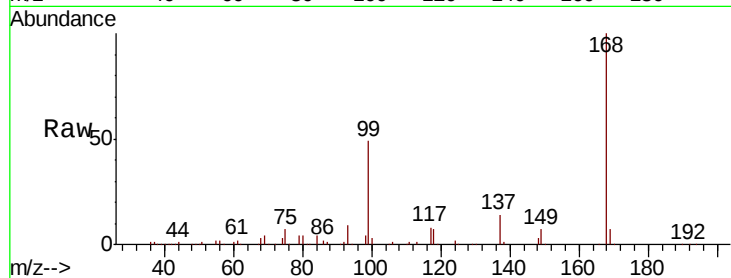
SU-04-111618

Tot Ion:168 Resp: 1398269

Ion Ratio Lower Upper

168 100

99 48.6 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

500000

400000

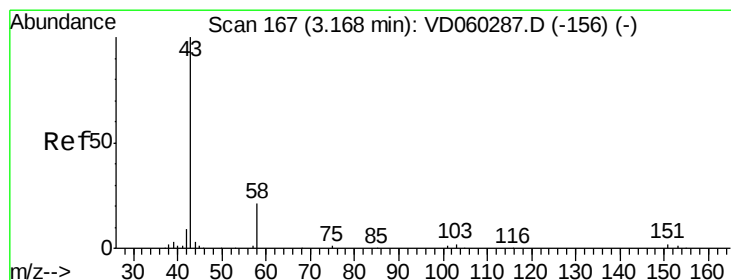
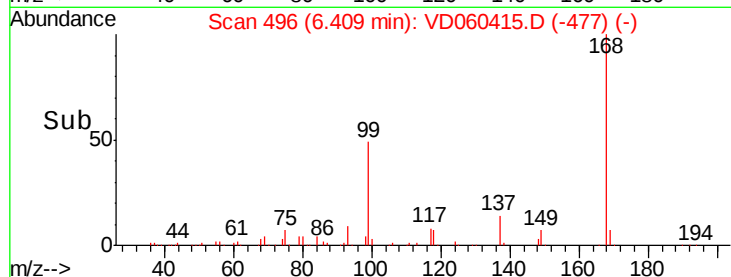
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 25.131 ug/l

RT: 3.16 min Scan# 166

Delta R.T. -0.01 min

Lab File: VD060415.D

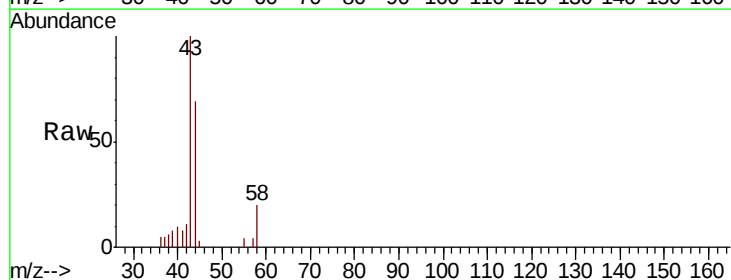
Acq: 19 Nov 2018 14:34

Tgt Ion: 43 Resp: 43644

Ion Ratio Lower Upper

43 100

58 19.5 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

12000

10000

8000

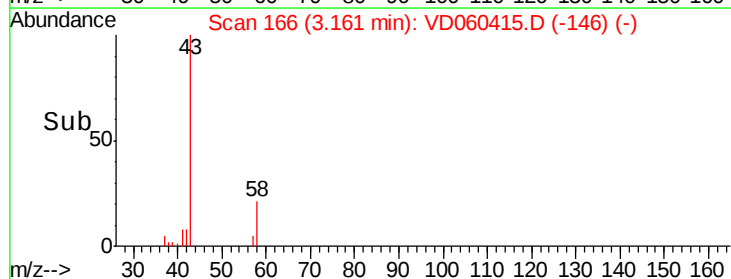
6000

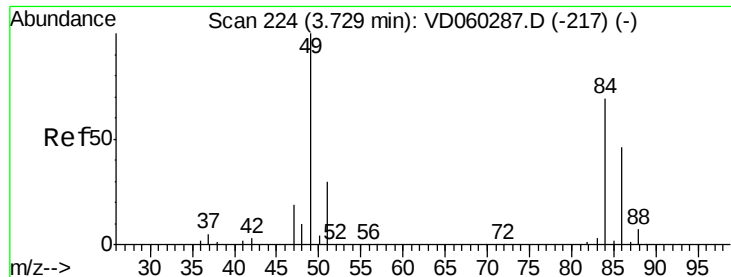
4000

2000

0

Time-->

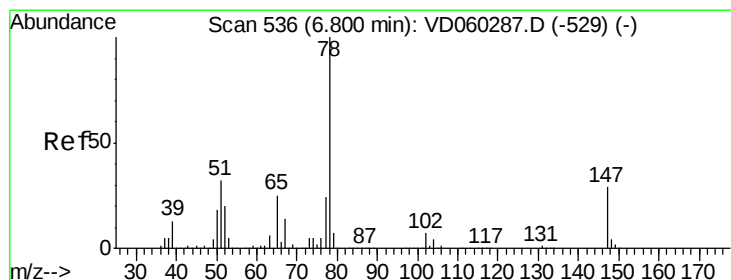
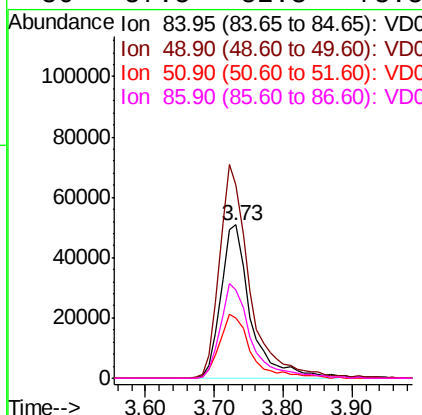
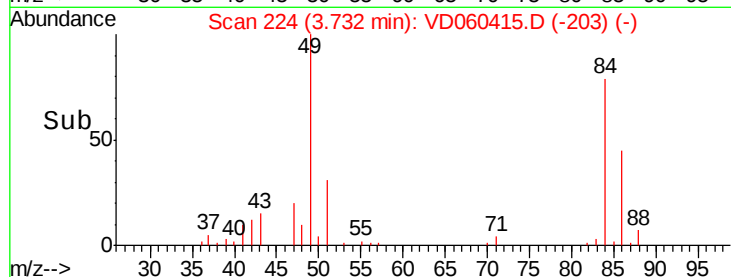
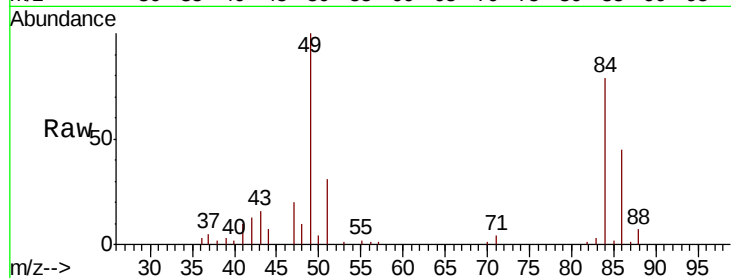




#20
Methvlene Chloride
Concen: 9.859 ug/l
RT: 3.73 min Scan# 224
Delta R.T. 0.00 min
Lab File: VD060415.D
Acq: 19 Nov 2018 14:34

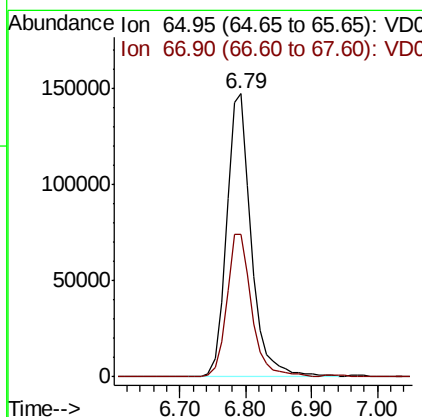
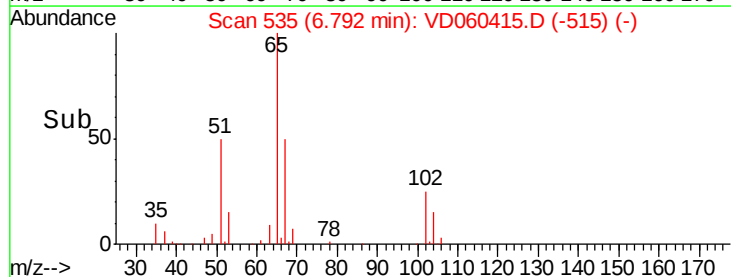
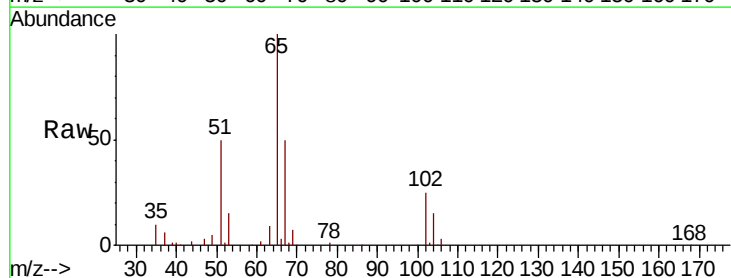
Instrument :
MSVOA_D
ClientSampleId :
SU-04-111618

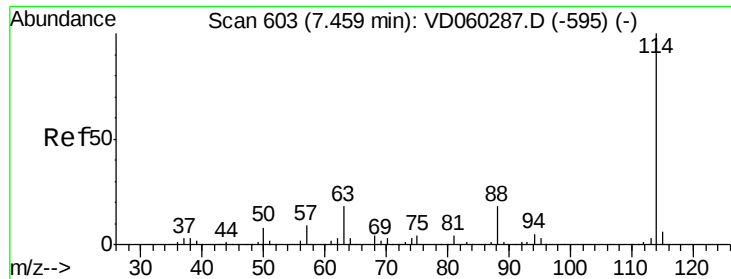
Tot Ion: 84 Resp: 151877
Ion Ratio Lower Upper
84 100
49 126.6 115.6 173.4
51 39.1 35.6 53.4
86 57.5 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.01 min
Lab File: VD060415.D
Acq: 19 Nov 2018 14:34

Tgt Ion: 65 Resp: 383143
Ion Ratio Lower Upper
65 100
67 50.4 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: VD060415.D

Acq: 19 Nov 2018 14:34

Instrument :

MSVOA_D

ClientSampleId :

SU-04-111618

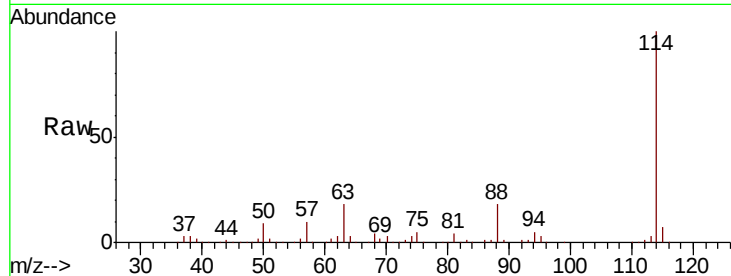
Tot Ion:114 Resp: 1939603

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.0

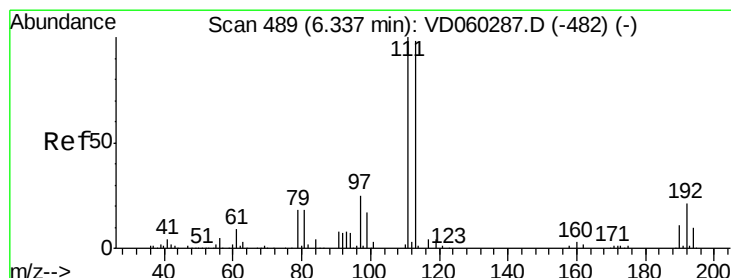
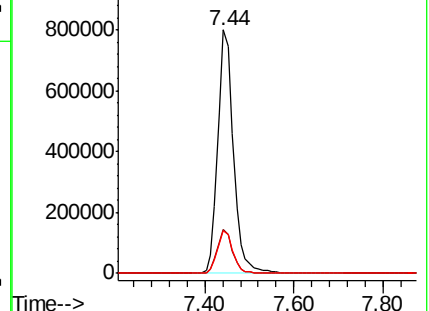
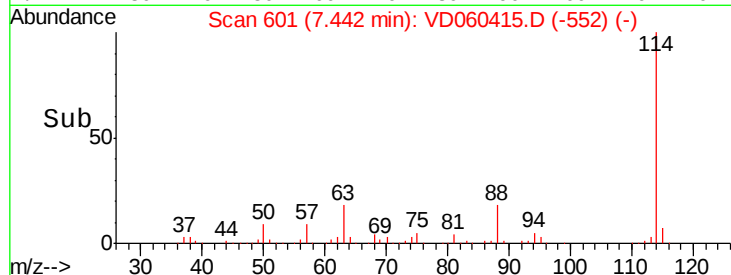
88 17.7 0.0 35.4



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: VD060415.D

Acq: 19 Nov 2018 14:34

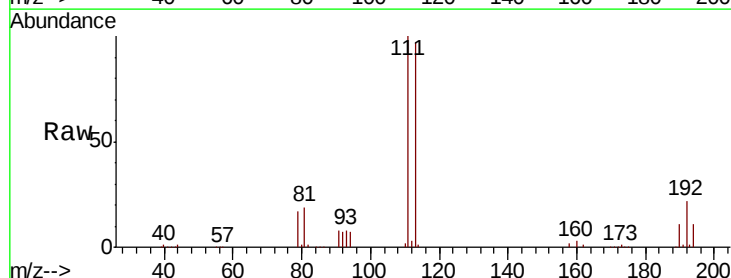
Tgt Ion:113 Resp: 554473

Ion Ratio Lower Upper

113 100

111 103.0 81.6 122.4

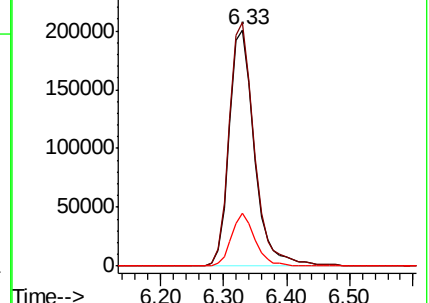
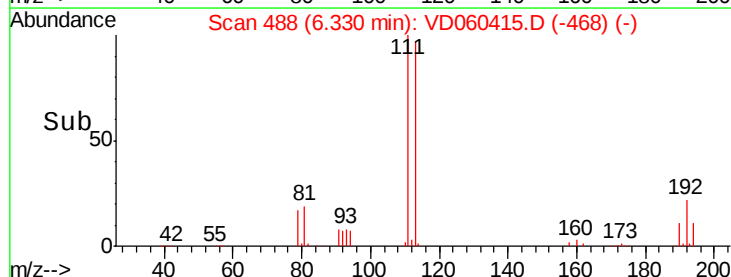
192 22.6 16.5 24.7

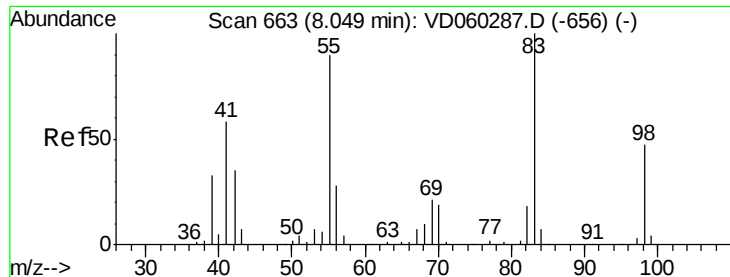


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

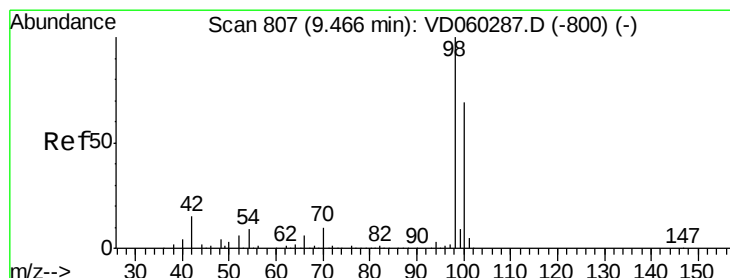
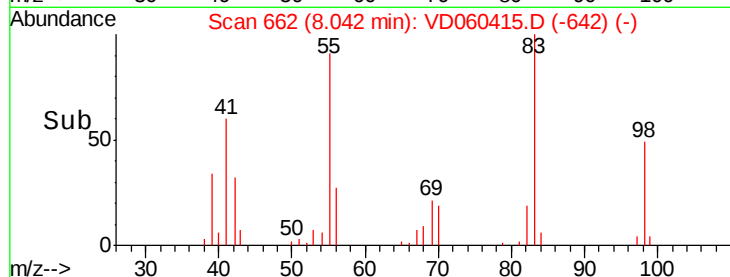
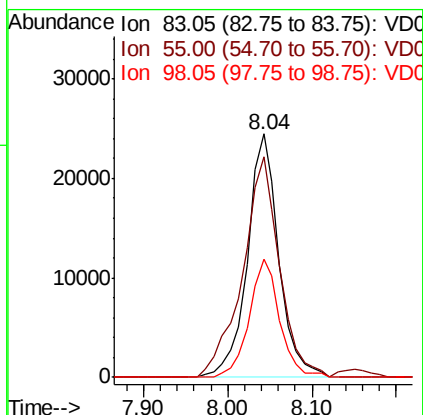
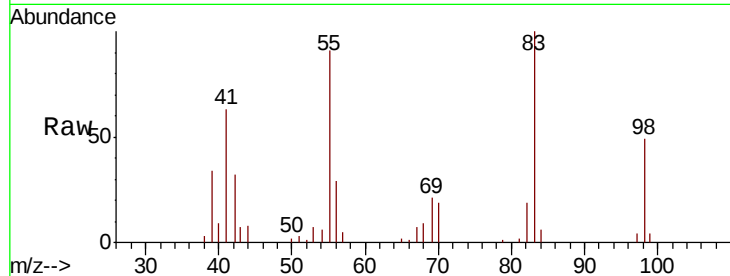




#39
Methylcyclohexane
Concen: 2.901 ug/l
RT: 8.04 min Scan# 662
Delta R.T. -0.01 min
Lab File: VD060415.D
Acq: 19 Nov 2018 14:34

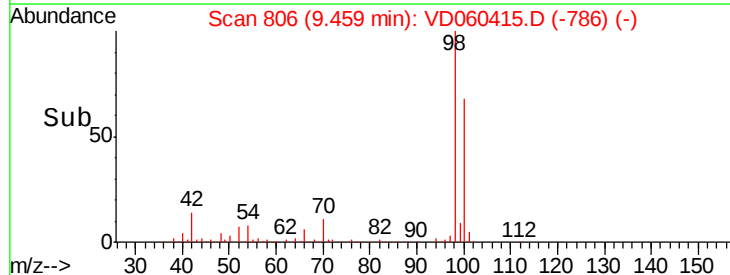
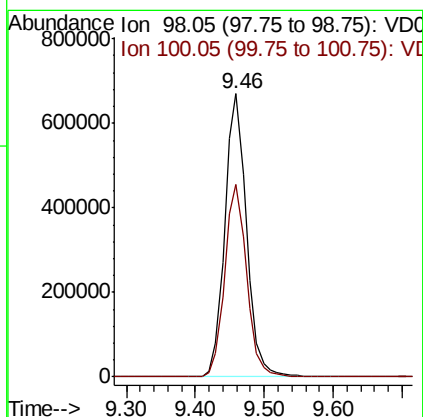
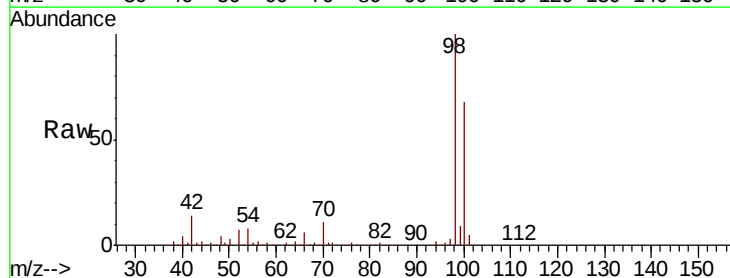
Instrument :
MSVOA_D
ClientSampleId :
SU-04-111618

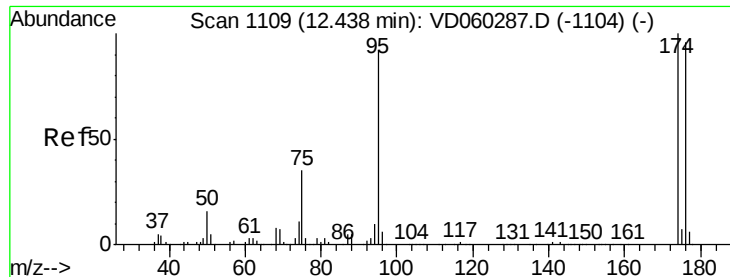
Tot Ion: 83 Resp: 63941
Ion Ratio Lower Upper
83 100
55 90.6 71.2 106.8
98 48.5 38.4 57.6



#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 806
Delta R.T. -0.01 min
Lab File: VD060415.D
Acq: 19 Nov 2018 14:34

Tgt Ion: 98 Resp: 1454794
Ion Ratio Lower Upper
98 100
100 68.0 55.2 82.8

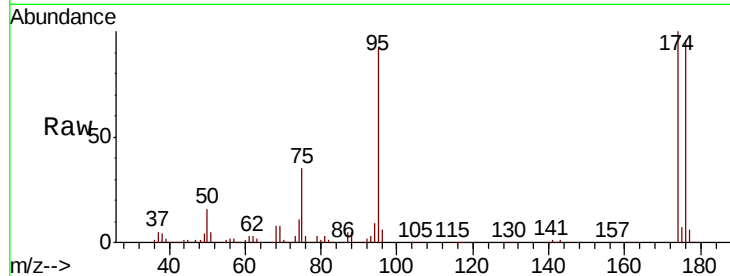




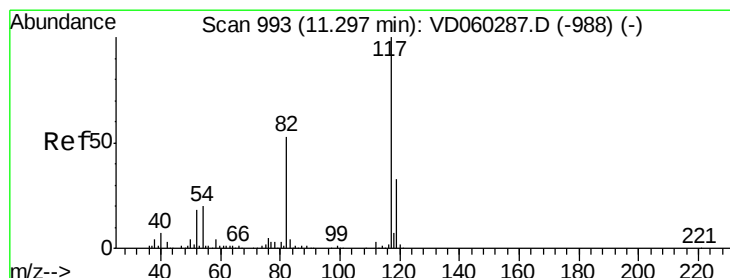
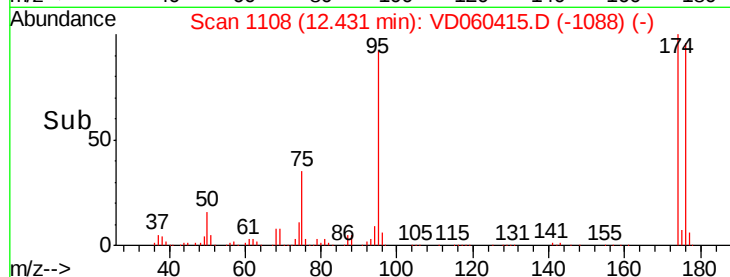
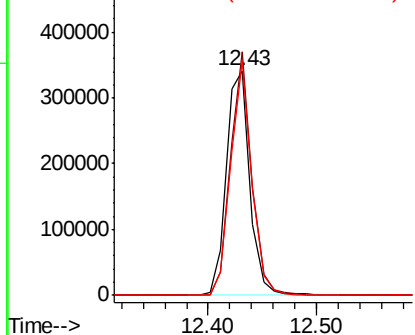
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD060415.D
Acq: 19 Nov 2018 14:34

Instrument :
MSVOA_D
ClientSampleId :
SU-04-111618

Tot Ion: 95 Resp: 516227
Ion Ratio Lower Upper
95 100
174 108.5 0.0 160.8
176 104.5 0.0 154.6

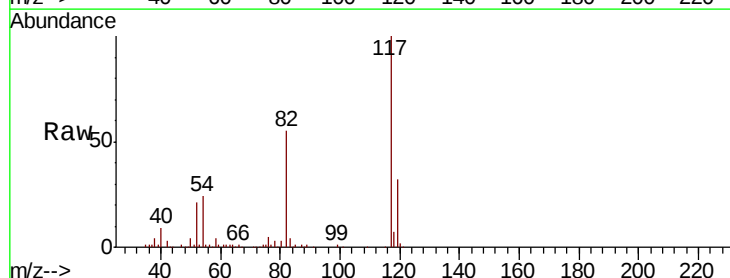


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

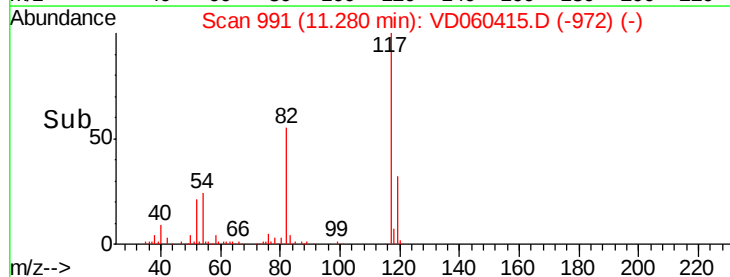
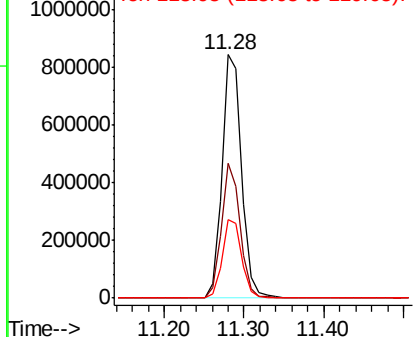


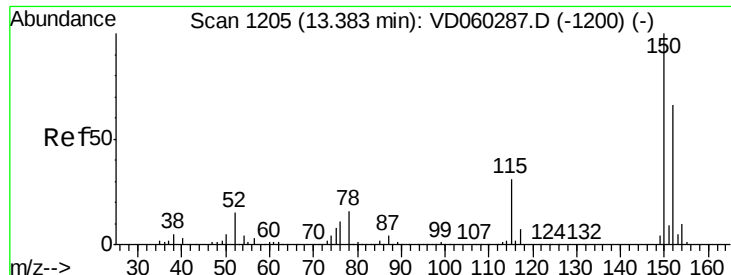
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. -0.02 min
Lab File: VD060415.D
Acq: 19 Nov 2018 14:34

Tgt Ion: 117 Resp: 1454811
Ion Ratio Lower Upper
117 100
82 55.1 43.7 65.5
119 32.5 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

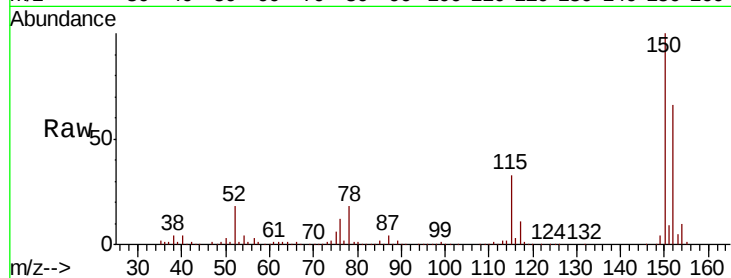




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.38 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: VD060415.D
 Acq: 19 Nov 2018 14:34

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-111618

Tot Ion	Ratio	Lower	Upper
152	100		
115	50.7	24.1	72.3
150	152.6	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

