

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120418\
 Data File : VD060485.D
 Acq On : 4 Dec 2018 14:11
 Operator : VA/AP
 Sample : J6192-01
 Misc : 7.05g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-120318

Quant Time: Dec 05 02:46:07 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

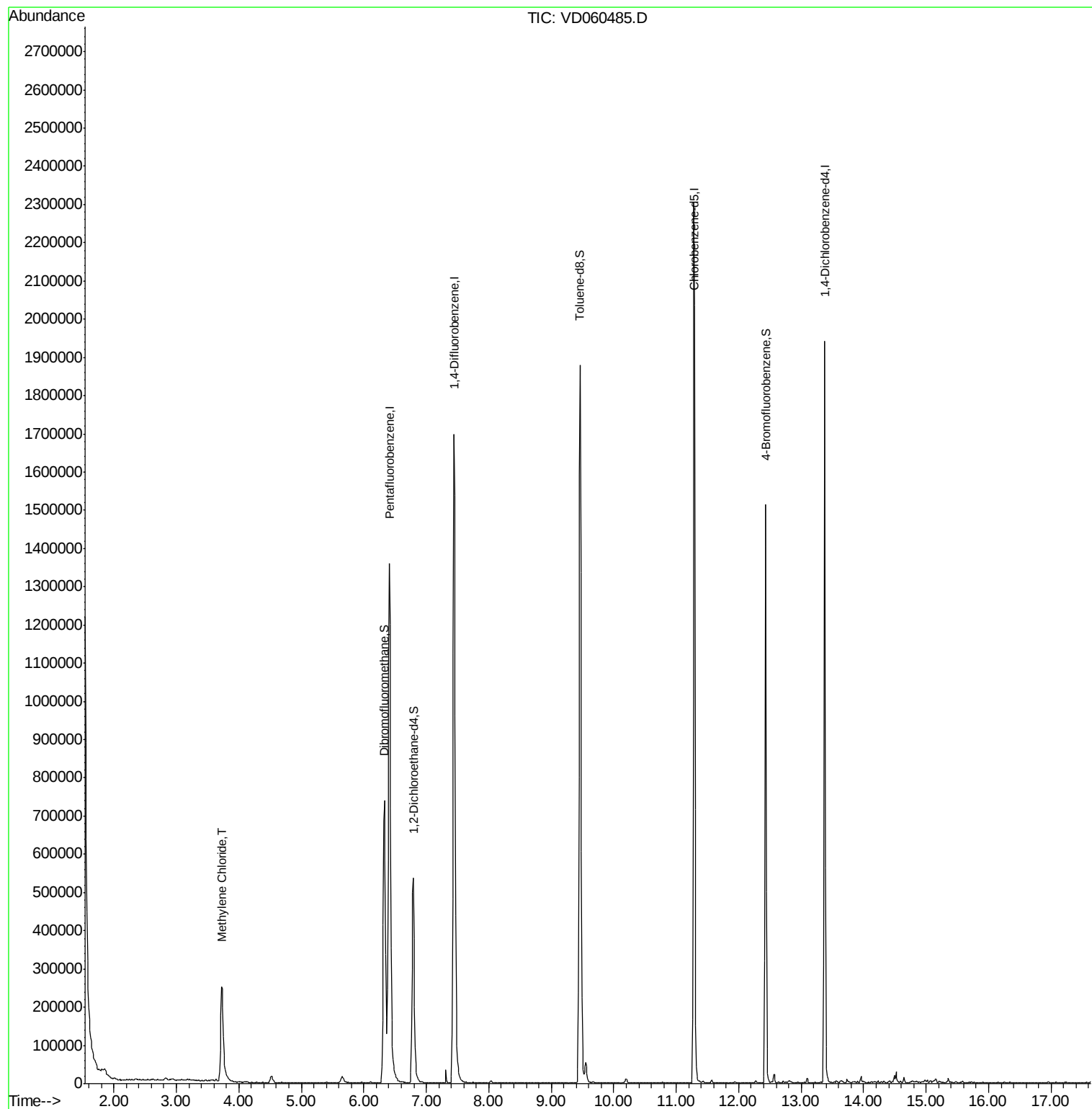
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1336675	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.44	114	1798107	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.28	117	1288474	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	485345	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	439806	45.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.90%	
35) Dibromofluoromethane	6.33	113	603868	45.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.08%	
50) Toluene-d8	9.46	98	1510962	38.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.00%	
62) 4-Bromofluorobenzene	12.42	95	466553	32.81	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	65.62%	
Target Compounds						
20) Methylene Chloride	3.73	84	176999	12.019	ug/l	Qvalue 90

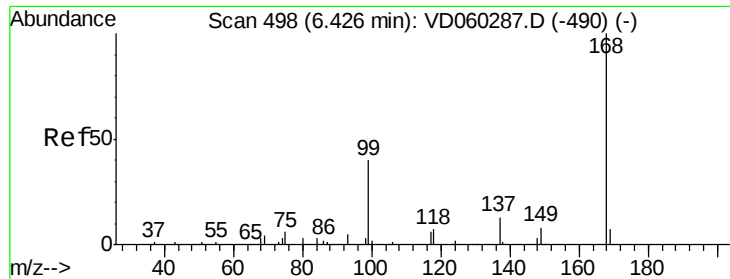
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD060485.D

Acq: 4 Dec 2018 14:11

Instrument :

MSVOA_D

ClientSampleId :

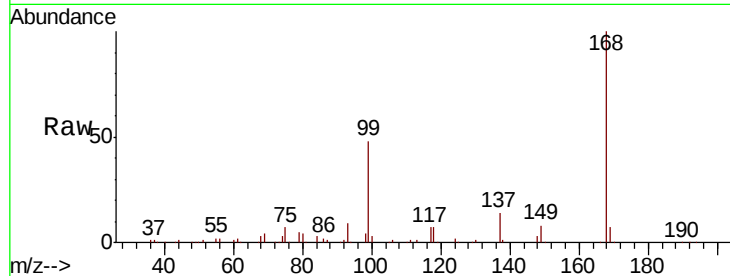
HD-02-120318

Tot Ion:168 Resp: 1336675

Ion Ratio Lower Upper

168 100

99 48.3 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

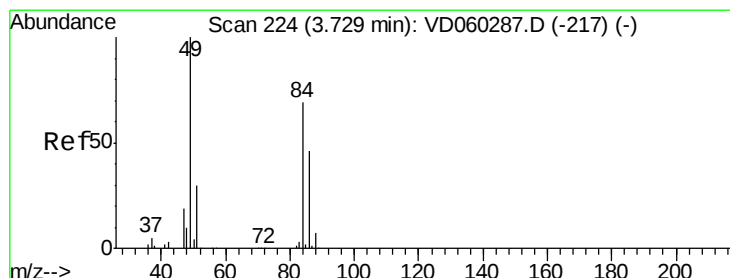
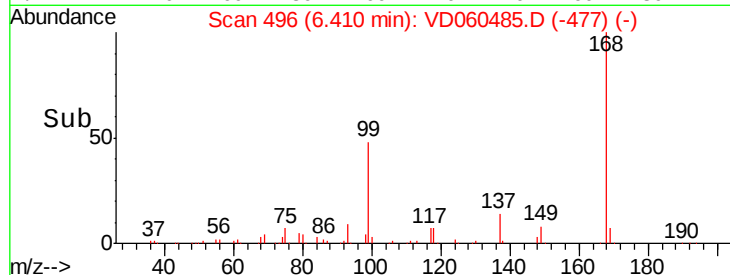
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 12.019 ug/l

RT: 3.73 min Scan# 224

Delta R.T. 0.00 min

Lab File: VD060485.D

Acq: 4 Dec 2018 14:11

Tgt Ion: 84 Resp: 176999

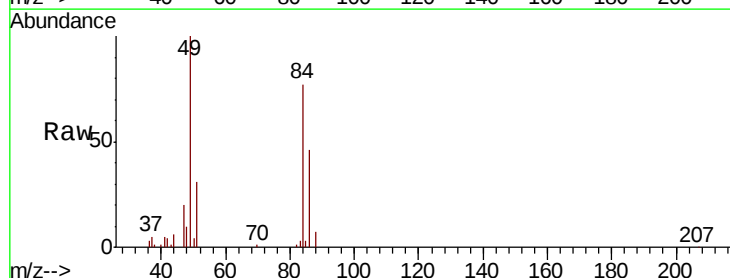
Ion Ratio Lower Upper

84 100

49 130.6 115.6 173.4

51 40.0 35.6 53.4

86 59.5 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

120000

100000

80000

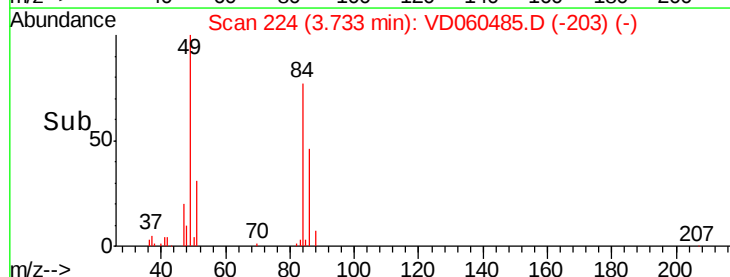
60000

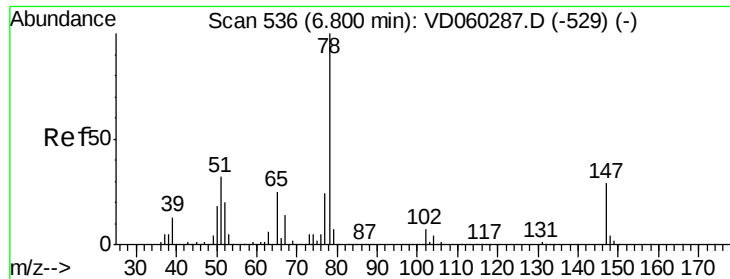
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20000

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Time-->

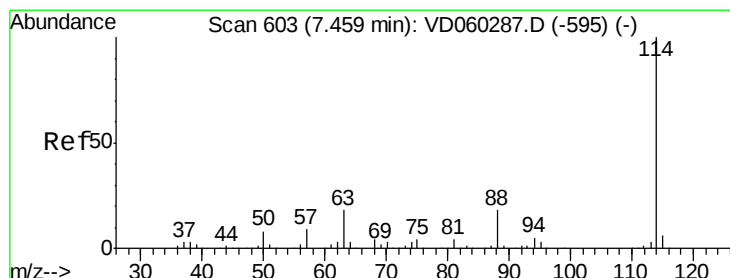
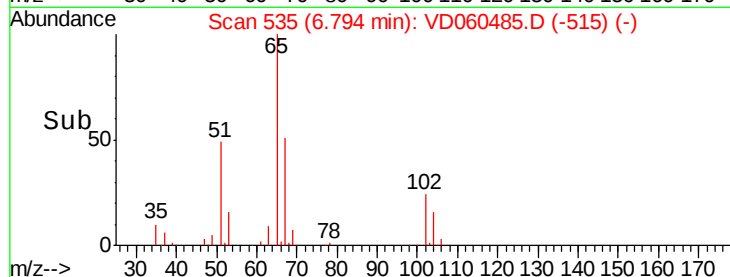
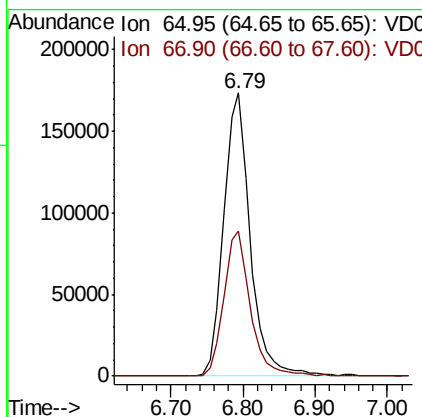
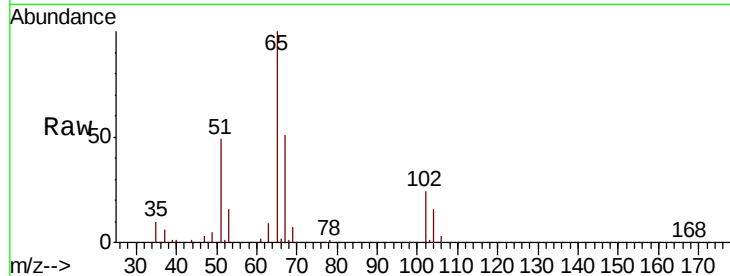




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.79 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VD060485.D
 Acq: 4 Dec 2018 14:11

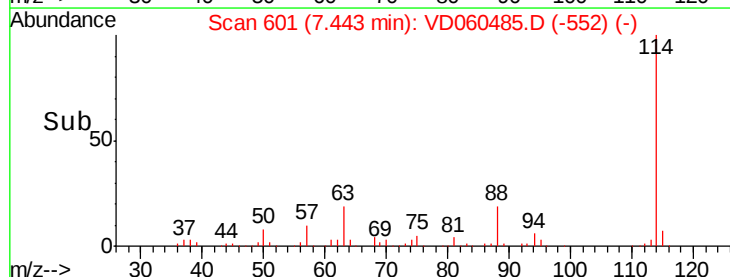
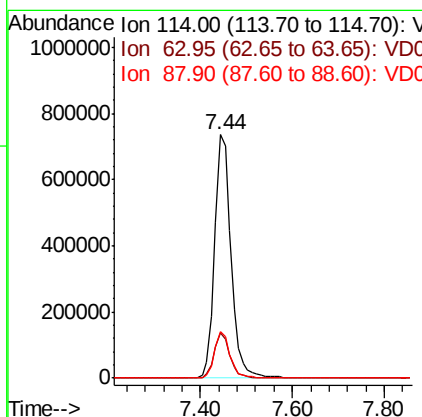
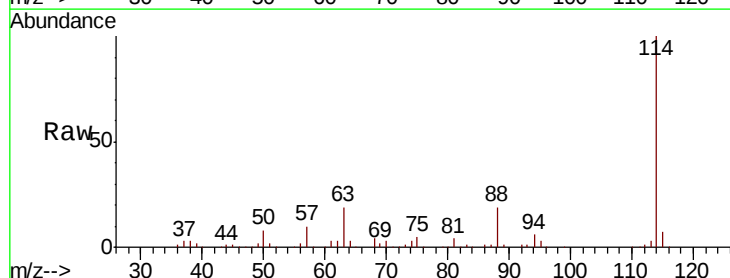
Instrument :
 MSVOA_D
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 HD-02-120318

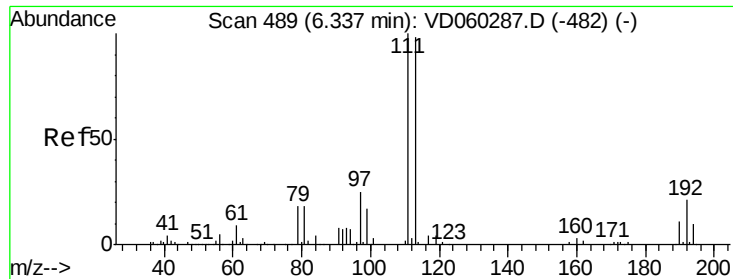
Tot Ion: 65 Resp: 439806
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: VD060485.D
 Acq: 4 Dec 2018 14:11

Tgt Ion: 114 Resp: 1798107
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 34.0
 88 19.0 0.0 35.4

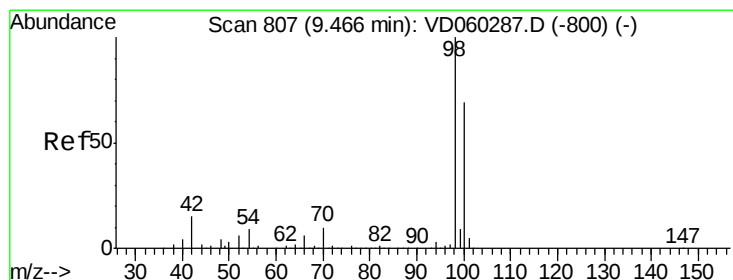
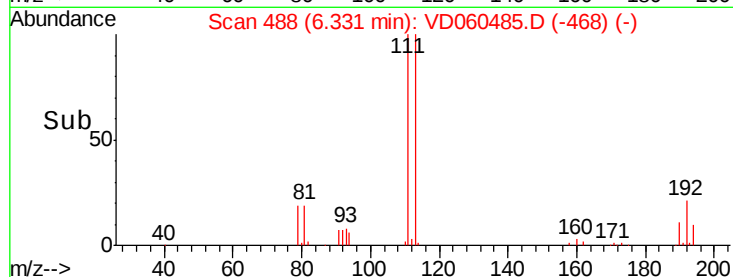
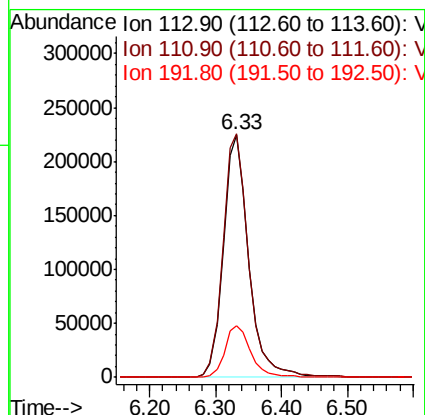
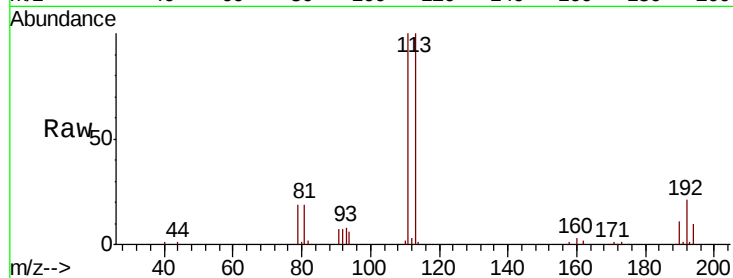




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: VD060485.D
 Acq: 4 Dec 2018 14:11

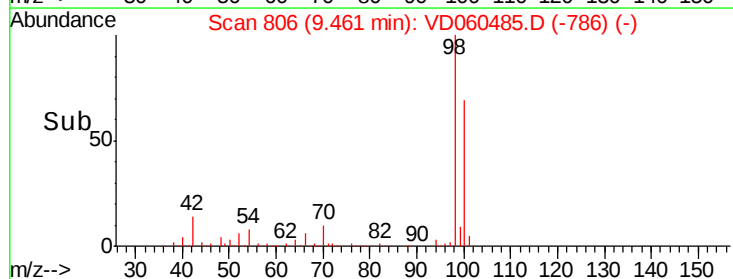
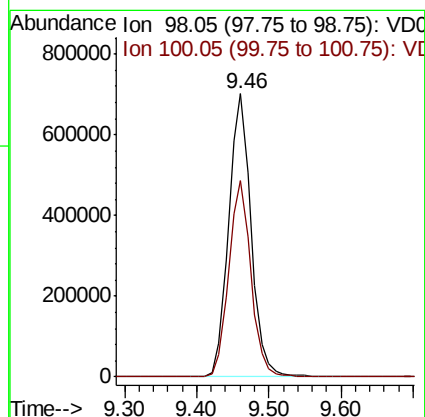
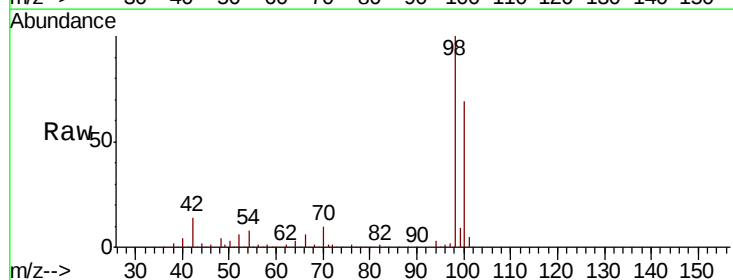
Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-120318

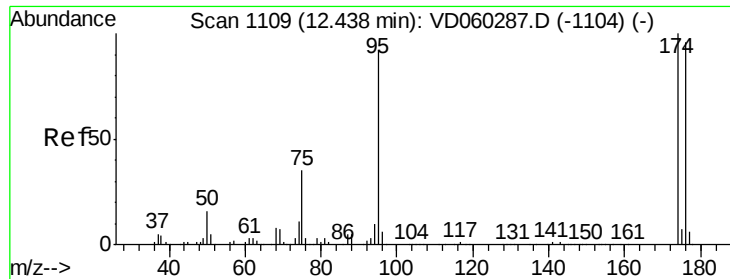
Tot Ion:113 Resp: 603868
 Ion Ratio Lower Upper
 113 100
 111 100.3 81.6 122.4
 192 21.3 16.5 24.7



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.46 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VD060485.D
 Acq: 4 Dec 2018 14:11

Tgt Ion: 98 Resp: 1510962
 Ion Ratio Lower Upper
 98 100
 100 69.4 55.2 82.8

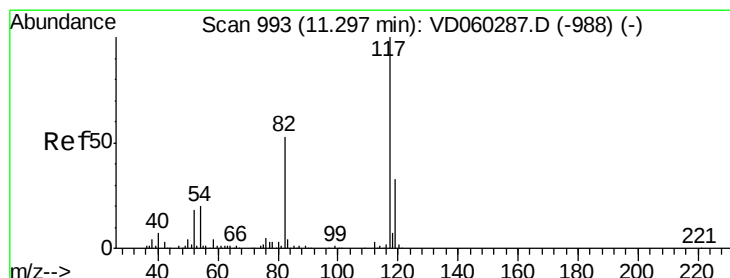
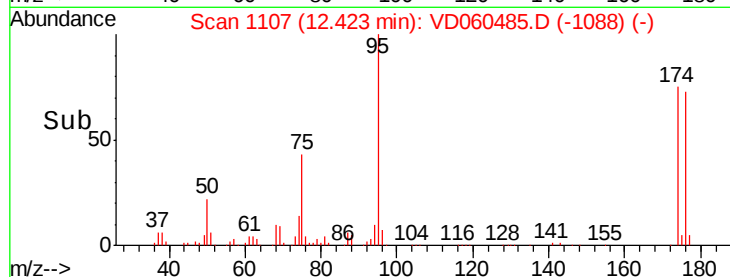
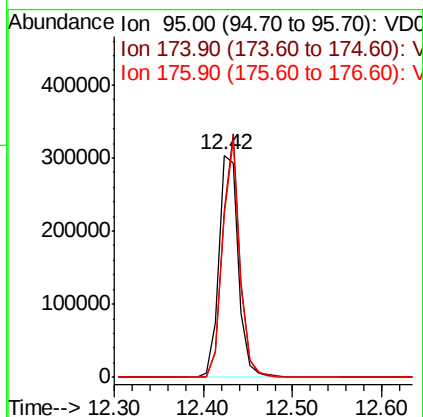
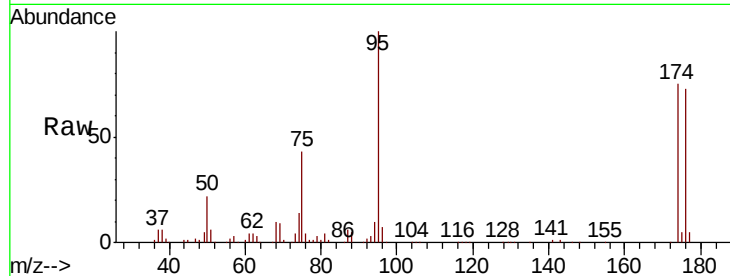




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.02 min
Lab File: VD060485.D
Acq: 4 Dec 2018 14:11

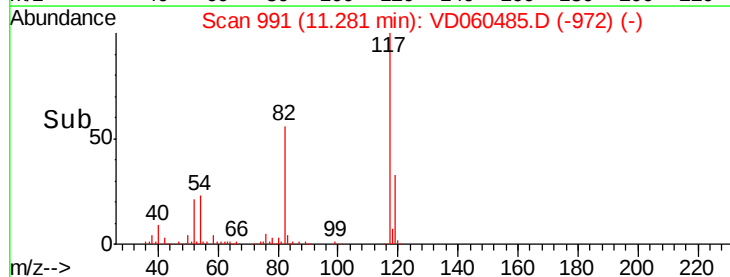
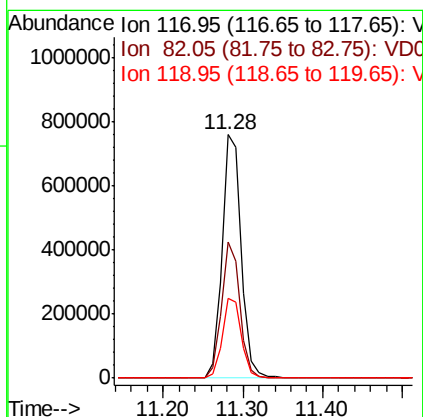
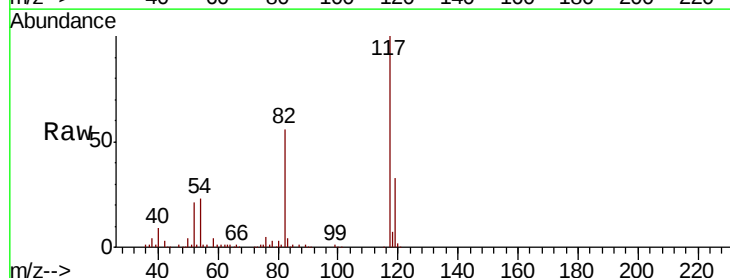
Instrument :
MSVOA_D
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HD-02-120318

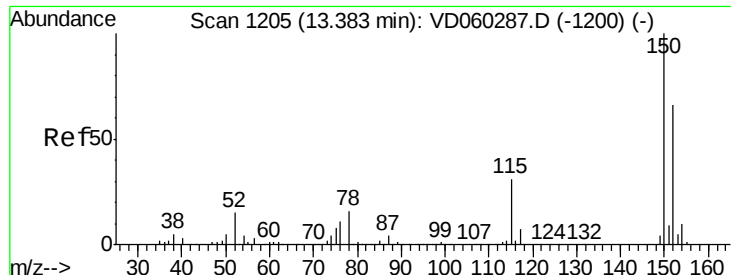
Tot Ion: 95 Resp: 466553
Ion Ratio Lower Upper
95 100
174 75.4 0.0 160.8
176 73.2 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. -0.02 min
Lab File: VD060485.D
Acq: 4 Dec 2018 14:11

Tgt Ion: 117 Resp: 1288474
Ion Ratio Lower Upper
117 100
82 55.7 43.7 65.5
119 32.5 26.1 39.1

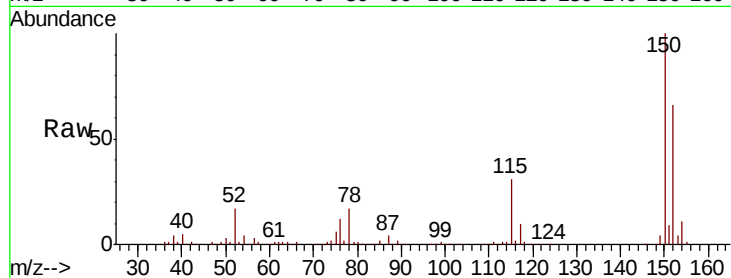




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.38 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: VD060485.D
 Acq: 4 Dec 2018 14:11

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-120318

Tot Ion	Ratio	Lower	Upper
152	100		
115	47.9	24.1	72.3
150	152.3	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

