

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080619\
 Data File : VD063405.D
 Acq On : 6 Aug 2019 18:06
 Operator : JC/SY
 Sample : K4095-03
 Misc : 4.45g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-080219-B

Quant Time: Aug 07 07:48:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

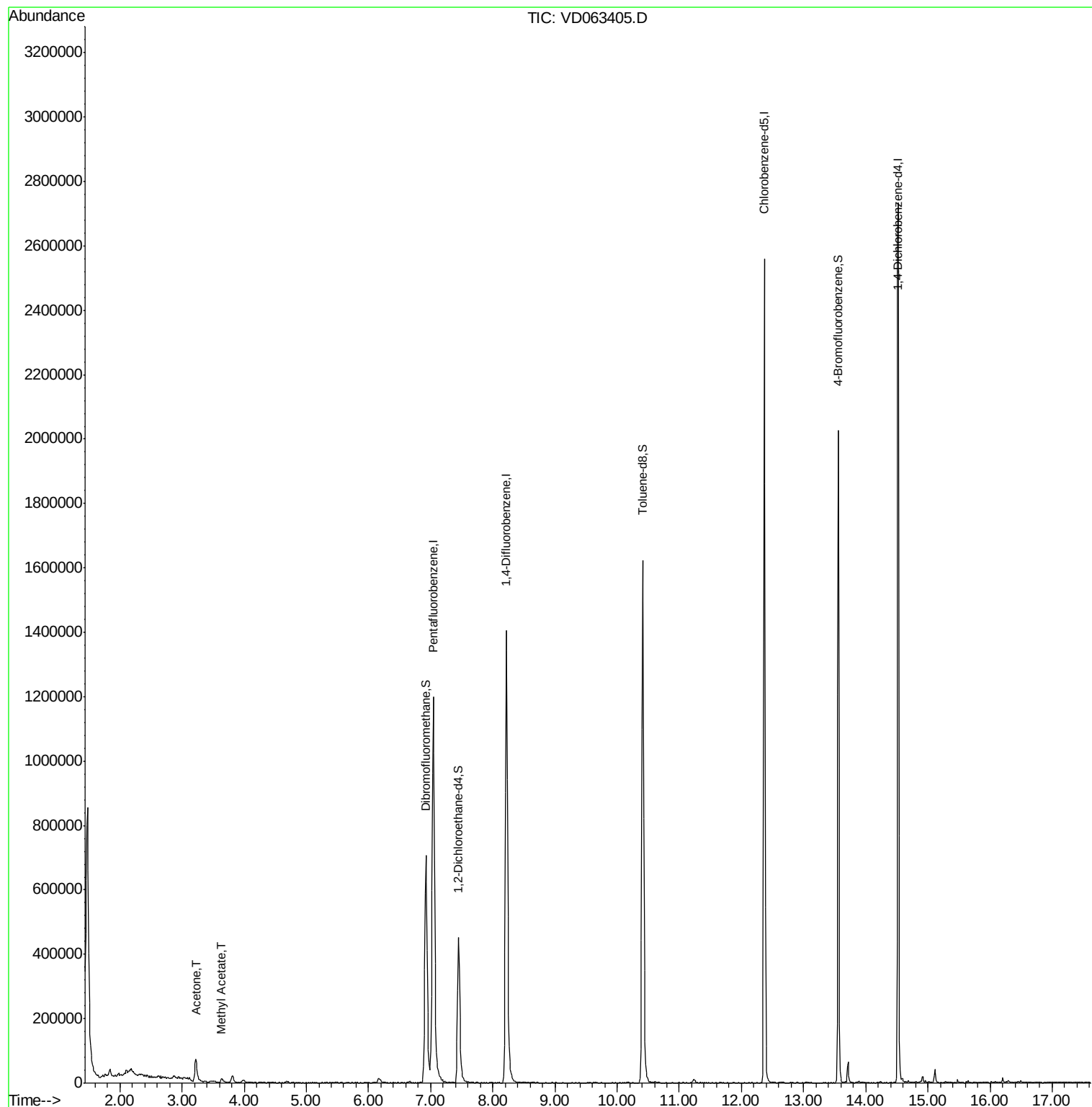
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1142222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1575023	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	1334605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	662773	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	545404	43.03	ug/l	0.01
Spiked Amount 50.000			Recovery	=	86.06%	
35) Dibromofluoromethane	6.92	113	615701	45.79	ug/l	0.01
Spiked Amount 50.000			Recovery	=	91.58%	
50) Toluene-d8	10.41	98	1339538	44.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.02%	
62) 4-Bromofluorobenzene	13.56	95	534104	38.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.90%	
Target Compounds						
16) Acetone	3.22	43	136891	55.435	ug/l	100
18) Methyl Acetate	3.63	43	23924	5.044	ug/l	100

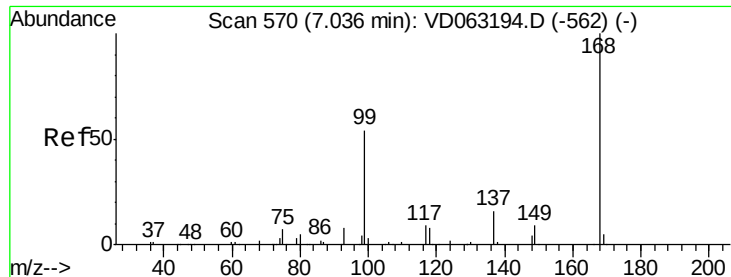
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD063405.D

Acq: 6 Aug 2019 18:06

Instrument :

MSVOA_D

ClientSampleId :

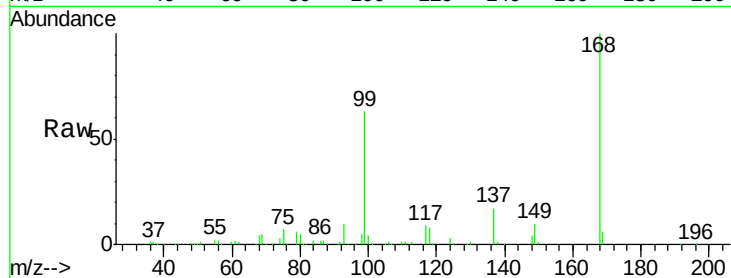
SU-02-080219-B

Tot Ion:168 Resp: 1142222

Ion Ratio Lower Upper

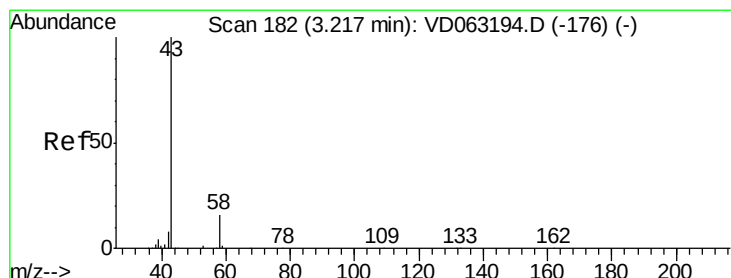
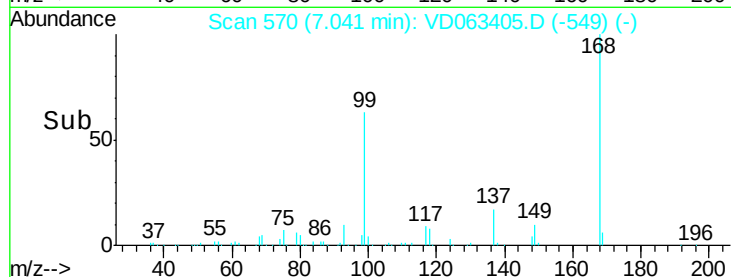
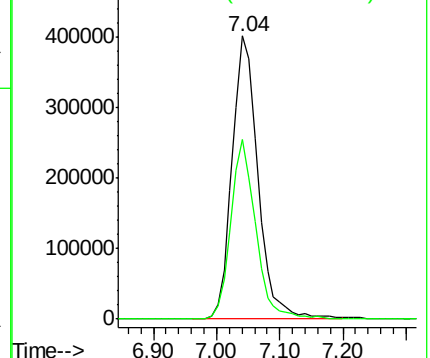
168 100

99 63.3 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 55.435 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD063405.D

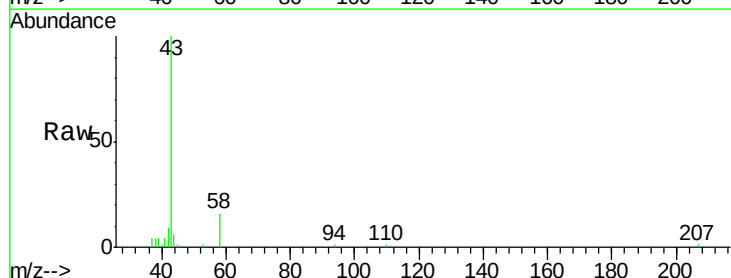
Acq: 6 Aug 2019 18:06

Tgt Ion: 43 Resp: 136891

Ion Ratio Lower Upper

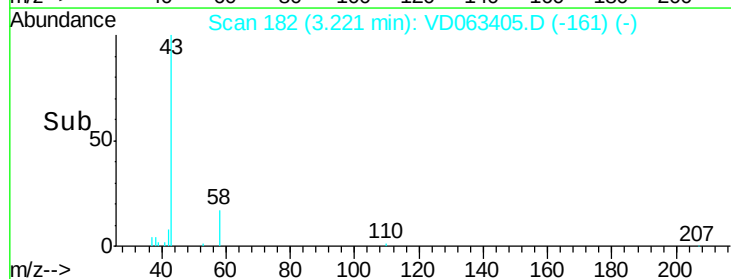
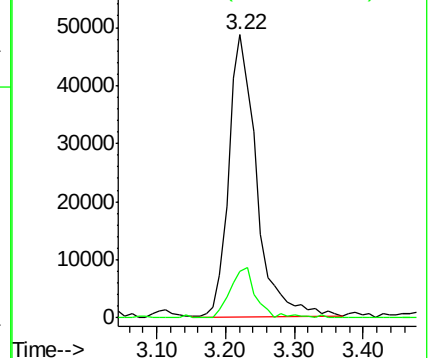
43 100

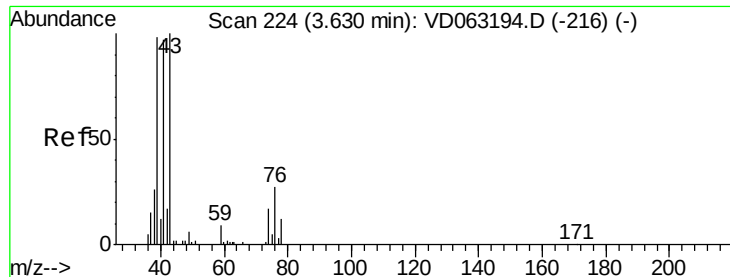
58 16.3 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

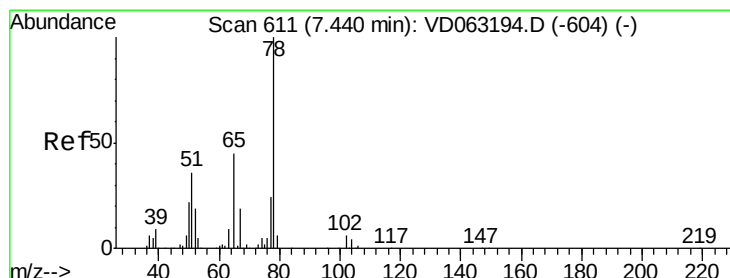
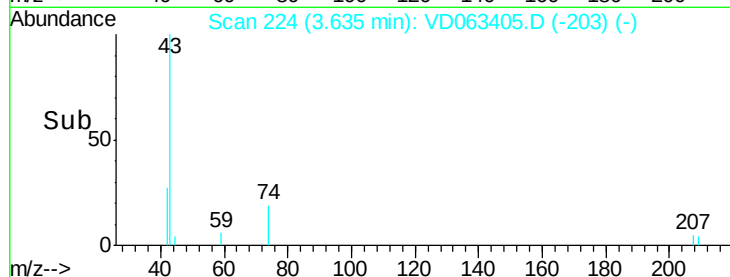
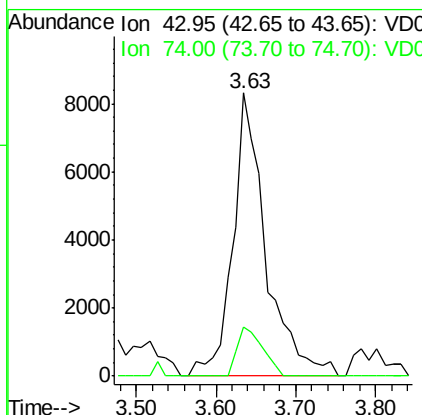
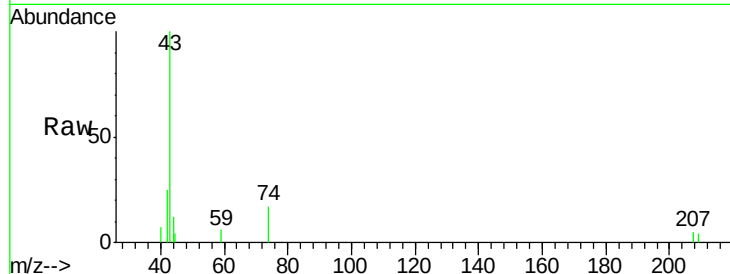




#18
Methyl Acetate
Concen: 5.044 ug/l
RT: 3.63 min Scan# 224
Delta R.T. 0.00 min
Lab File: VD063405.D
Acq: 6 Aug 2019 18:06

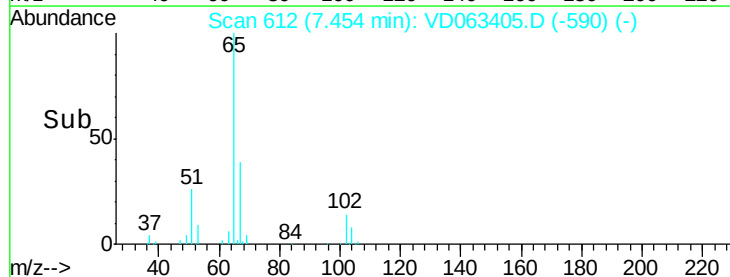
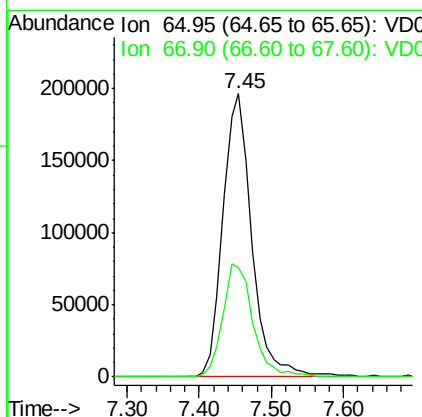
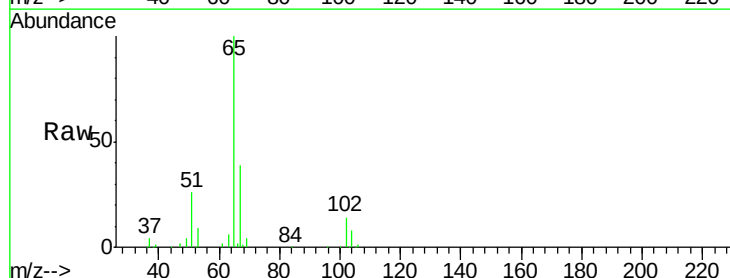
Instrument :
MSVOA_D
ClientSampleId :
SU-02-080219-B

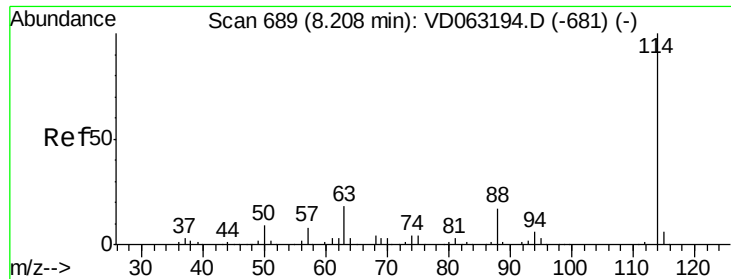
Tot Ion: 43 Resp: 23924
Ion Ratio Lower Upper
43 100
74 17.3 13.8 20.8



#33
1,2-Dichloroethane-d4
Concen: 43.033 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.01 min
Lab File: VD063405.D
Acq: 6 Aug 2019 18:06

Tgt Ion: 65 Resp: 545404
Ion Ratio Lower Upper
65 100
67 38.7 0.0 85.8

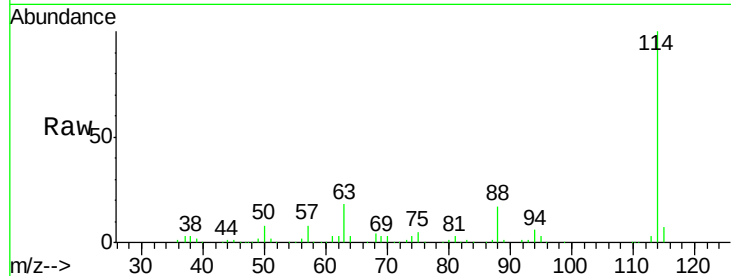




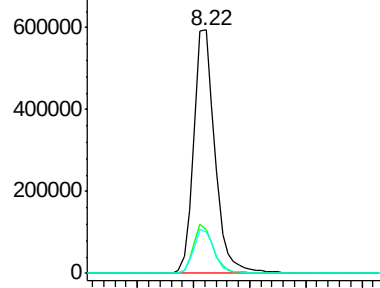
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: VD063405.D
 Acq: 6 Aug 2019 18:06

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-080219-B

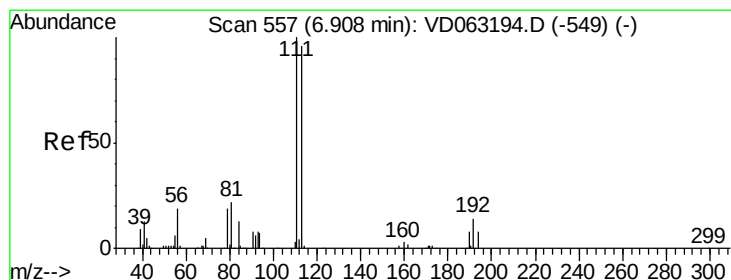
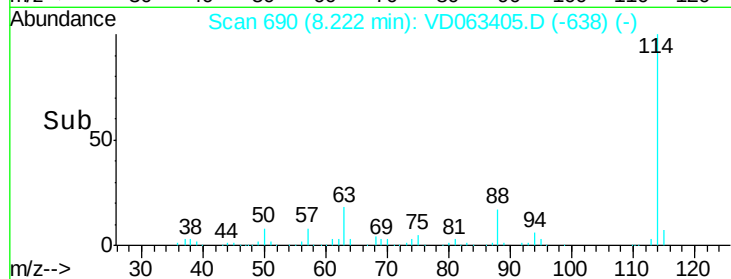
Tot Ion:114 Resp: 1575023
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.2
 88 16.9 0.0 34.6



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

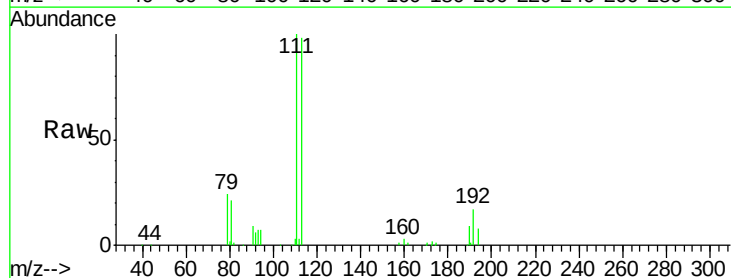


Time-->

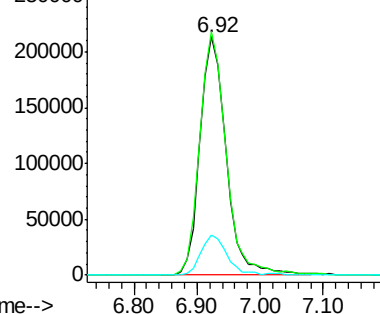


#35
 Dibromofluoromethane
 Concen: 45.786 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD063405.D
 Acq: 6 Aug 2019 18:06

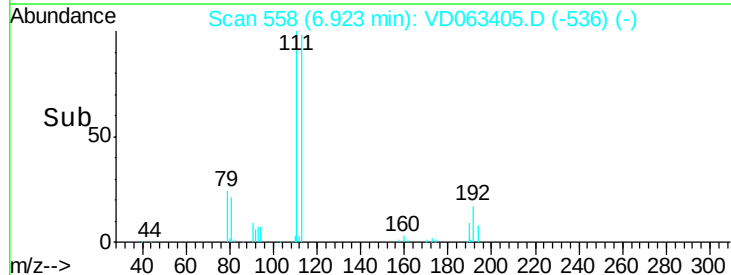
Tgt Ion:113 Resp: 615701
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.2 124.8
 192 17.0 11.8 17.8

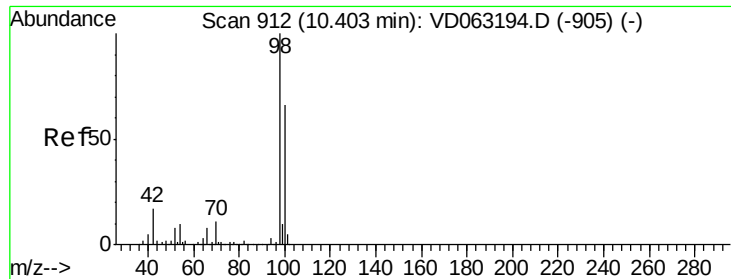


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V



Time-->

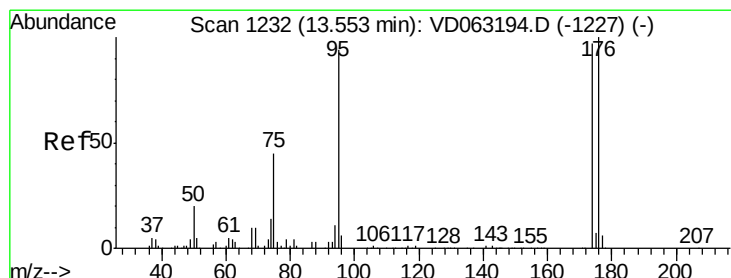
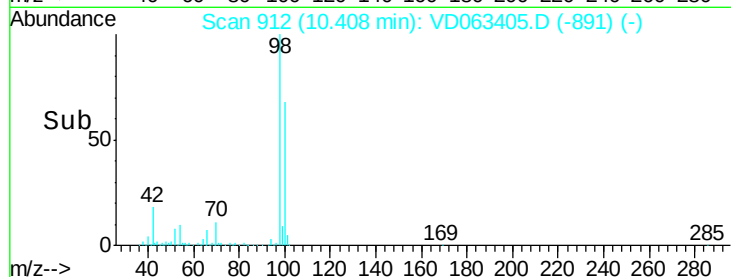
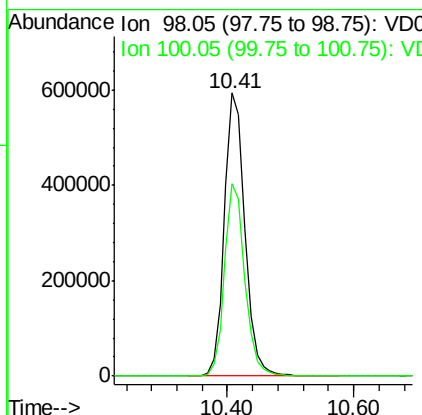
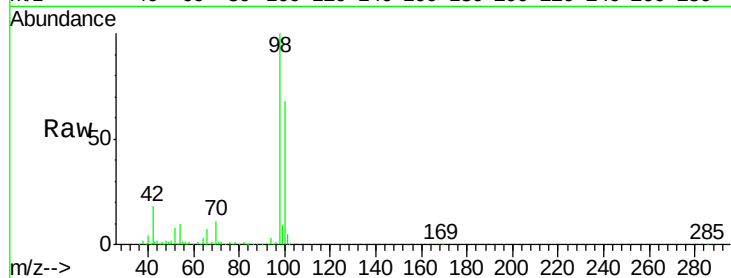




#50
Toluene-d8
Concen: 44.510 ug/l
RT: 10.41 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD063405.D
Acq: 6 Aug 2019 18:06

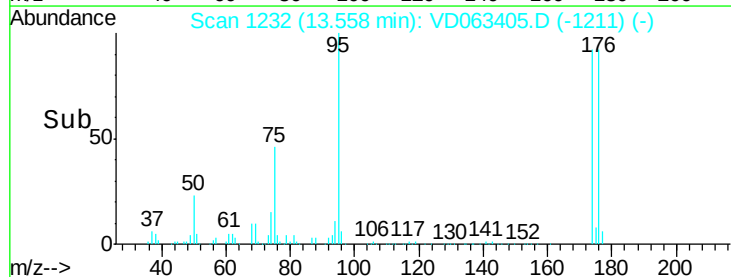
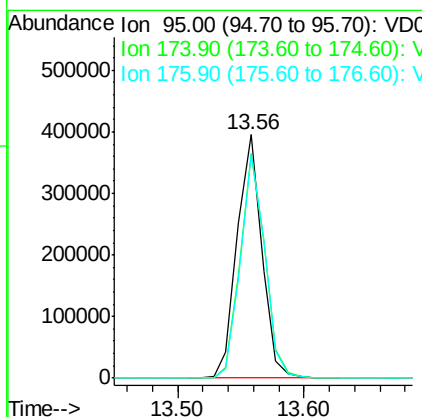
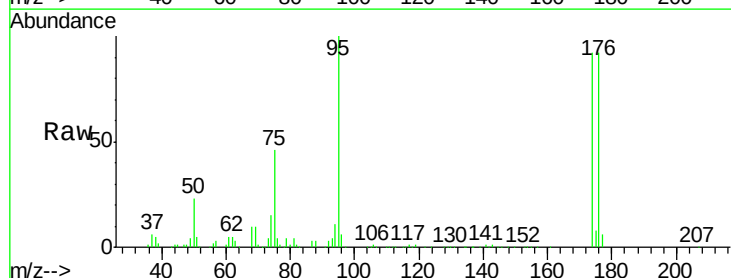
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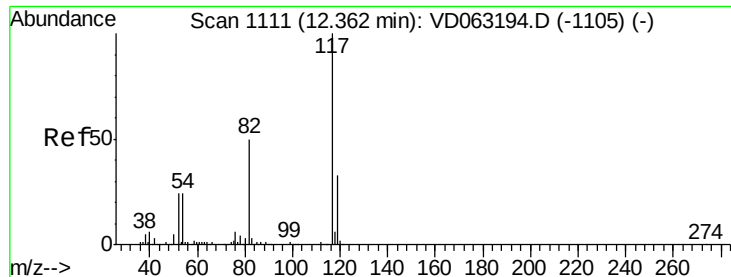
Tot Ion: 98 Resp: 1339538
Ion Ratio Lower Upper
98 100
100 68.1 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 38.945 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063405.D
Acq: 6 Aug 2019 18:06

Tgt Ion: 95 Resp: 534104
Ion Ratio Lower Upper
95 100
174 92.1 0.0 205.4
176 92.3 0.0 211.8

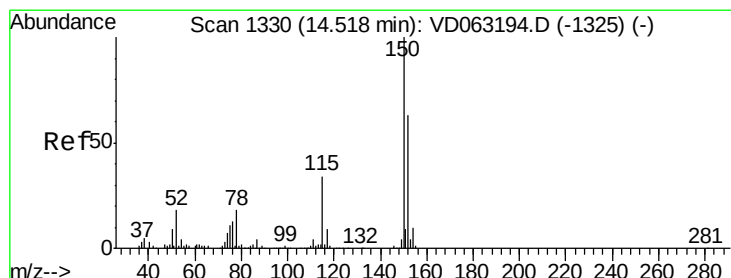
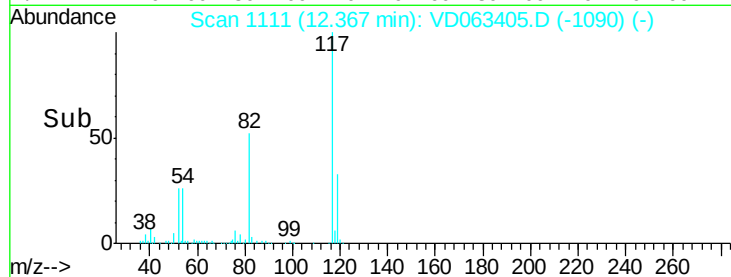
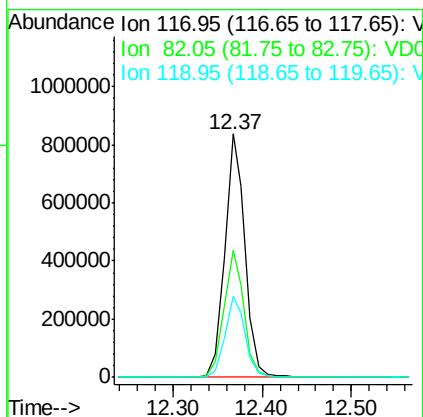
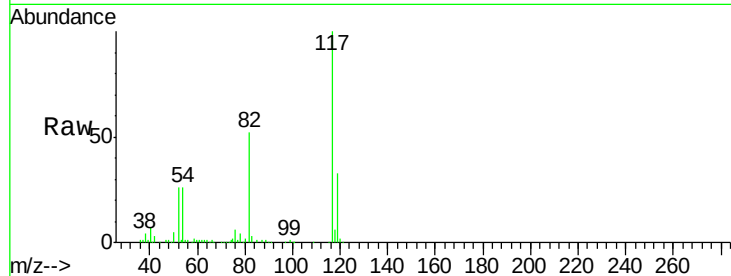




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063405.D
Acq: 6 Aug 2019 18:06

Instrument :
MSVOA_D
ClientSampleId :
SU-02-080219-B

Tot Ion:117 Resp: 1334605
Ion Ratio Lower Upper
117 100
82 52.2 40.1 60.1
119 33.4 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063405.D
Acq: 6 Aug 2019 18:06

Tgt Ion:152 Resp: 662773
Ion Ratio Lower Upper
152 100
115 51.9 27.5 82.4
150 150.4 0.0 320.6

