

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051619\
 Data File : VD062419.D
 Acq On : 16 May 2019 16:00
 Operator : FY/SY
 Sample : K2823-05
 Misc : 6.09g/5mL/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 12-B

Manual Integrations
 APPROVED

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 5/17/2019 3:12:13 PM

Quant Time: May 17 03:23:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	566598	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	798966	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	664885	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	309125	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	247721	47.05	ug/l	0.03
Spiked Amount 50.000			Recovery	=	94.10%	
35) Dibromofluoromethane	6.93	113	292505	44.12	ug/l	0.03
Spiked Amount 50.000			Recovery	=	88.24%	
50) Toluene-d8	10.42	98	605176	37.86	ug/l	0.02
Spiked Amount 50.000			Recovery	=	75.72%	
62) 4-Bromofluorobenzene	13.56	95	250538	39.03	ug/l	0.01
Spiked Amount 50.000			Recovery	=	78.06%	
Target Compounds						
16) Acetone	3.22	43	70565m	63.905	ug/l	Qvalue
31) Cyclohexane	6.98	56	108640	19.665	ug/l #	54
39) Methylcyclohexane	8.87	83	104392	16.632	ug/l	91

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

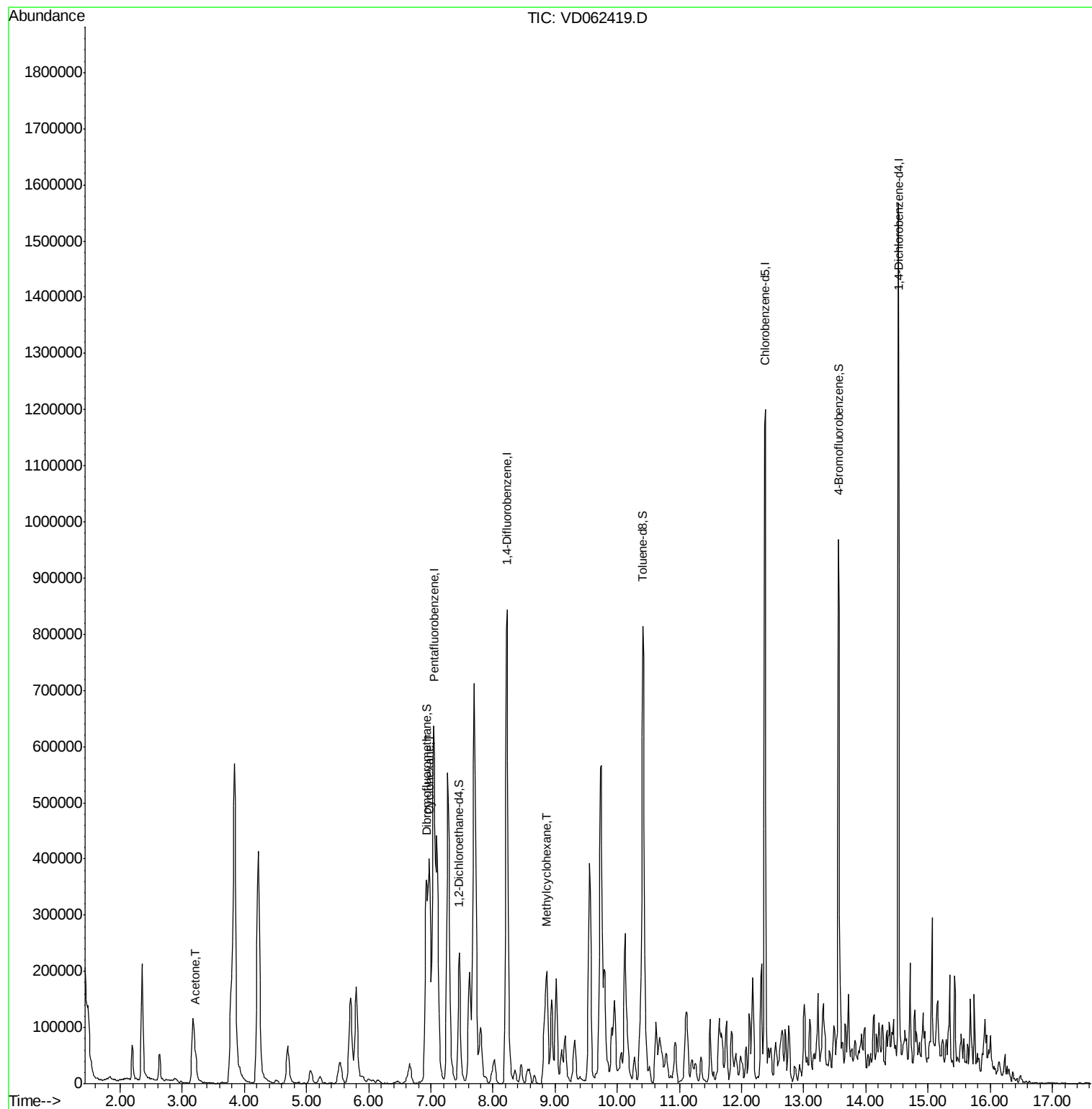
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051619\
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Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD062419.D

Acq: 16 May 2019 16:00

Instrument :

MSVOA_D

ClientSampled :

12-B

Tot Ion:168 Resp: 566598

Ion Ratio Lower Upper

168 100

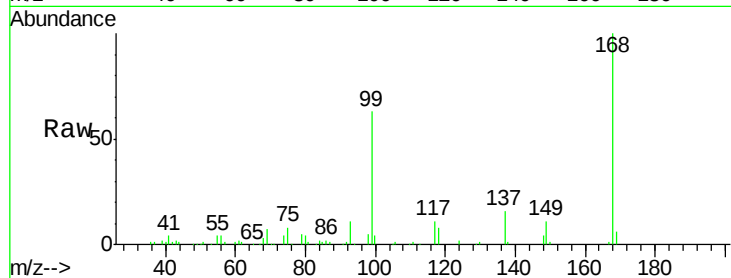
99 63.3 46.5 69.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

200000

150000

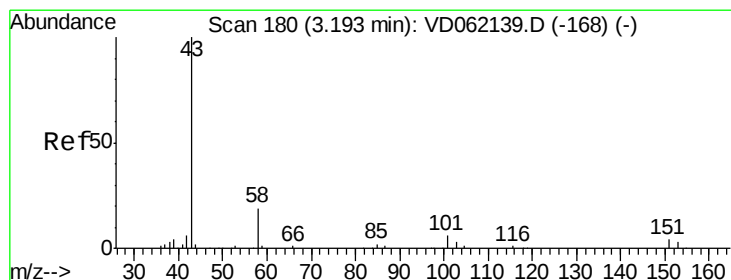
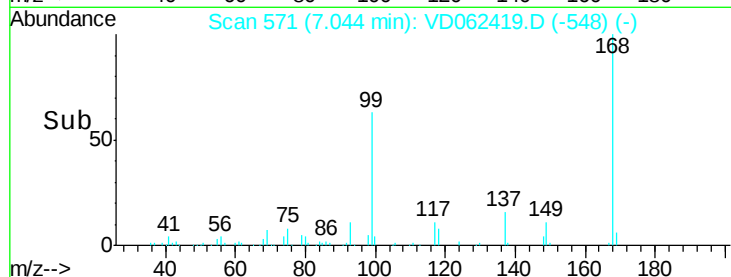
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50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 63.905 ug/l m

RT: 3.22 min Scan# 182

Delta R.T. 0.02 min

Lab File: VD062419.D

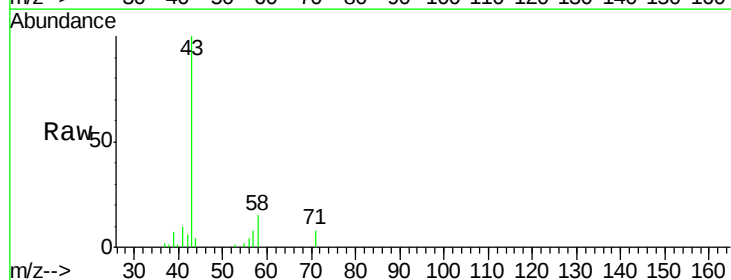
Acq: 16 May 2019 16:00

Tgt Ion: 43 Resp: 70565

Ion Ratio Lower Upper

43 100

58 15.1 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

30000

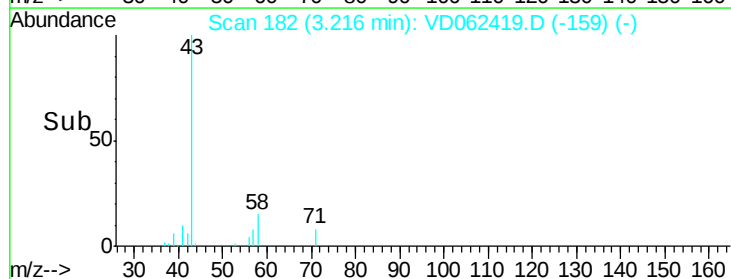
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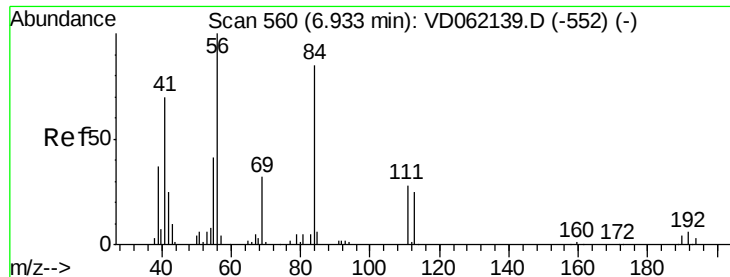
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0

3.20 3.25 3.30

Time-->





#31

Cyclohexane

Concen: 19.665 ug/l

RT: 6.98 min Scan# 564

Delta R.T. 0.04 min

Lab File: VD062419.D

Acq: 16 May 2019 16:00

Instrument :

MSVOA_D

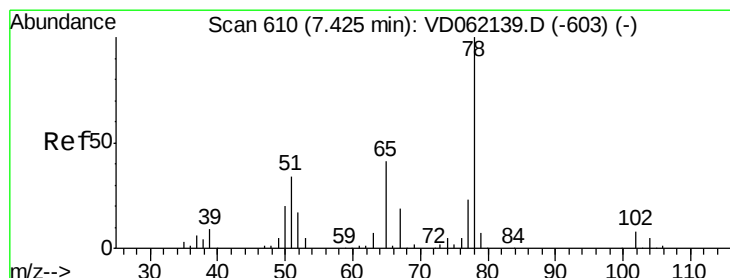
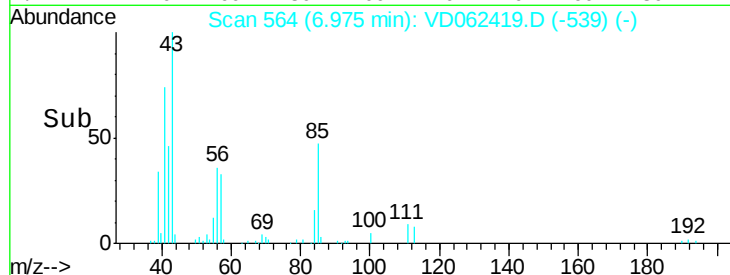
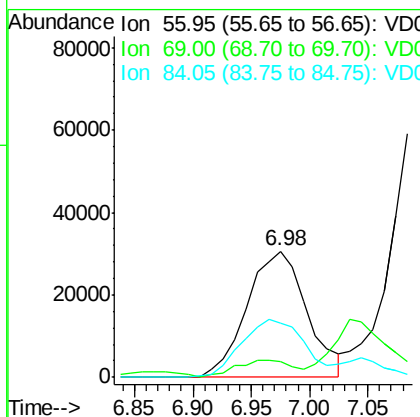
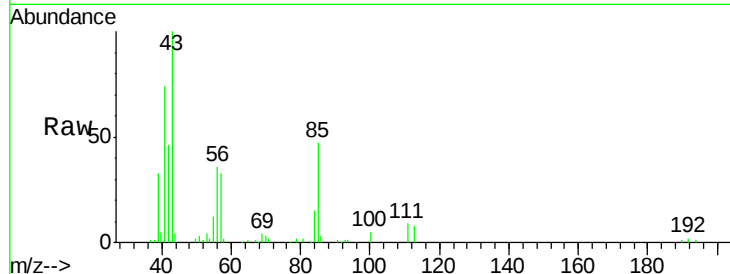
ClientSampleId :

12-B

Tot Ion:	56	Resp:	108640
Ion Ratio	Lower	Upper	
56	100		
69	12.4	25.8	38.6#
84	43.3	72.2	108.4#

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#33

1,2-Dichloroethane-d4

Concen: 47.046 ug/l

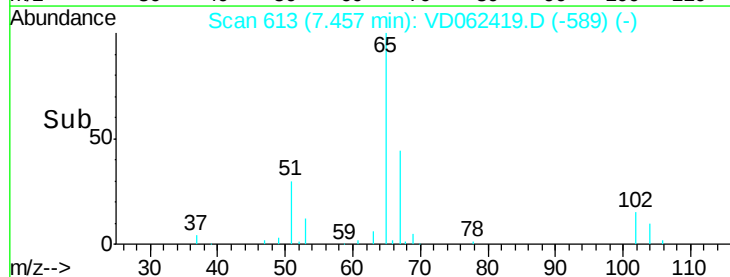
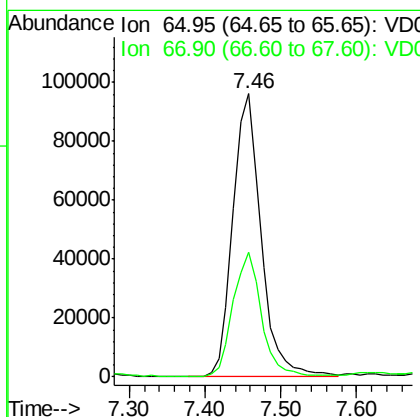
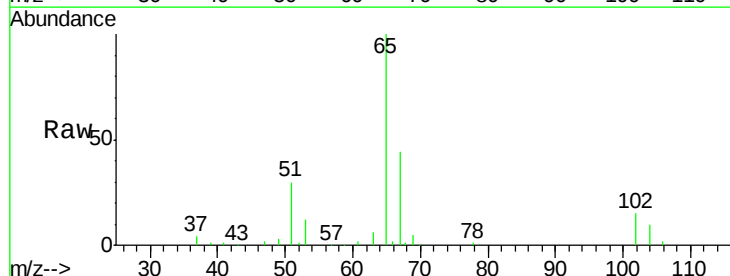
RT: 7.46 min Scan# 613

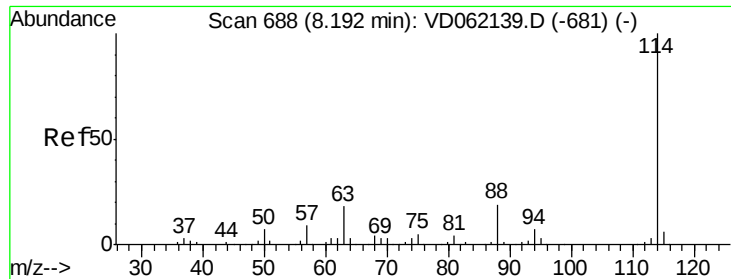
Delta R.T. 0.03 min

Lab File: VD062419.D

Acq: 16 May 2019 16:00

Tgt Ion:	65	Resp:	247721
Ion Ratio	Lower	Upper	
65	100		
67	44.2	0.0	98.0





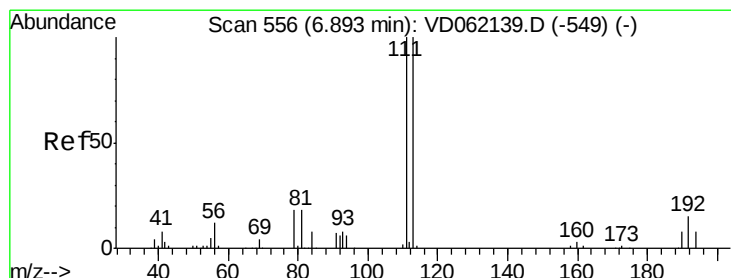
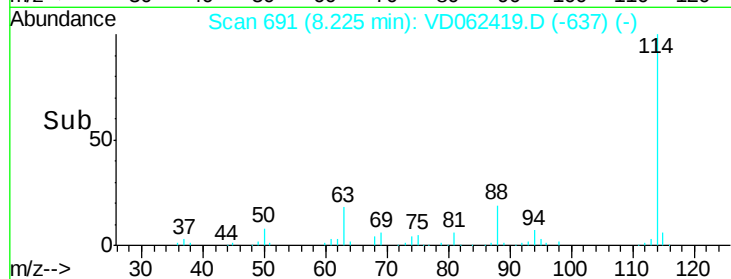
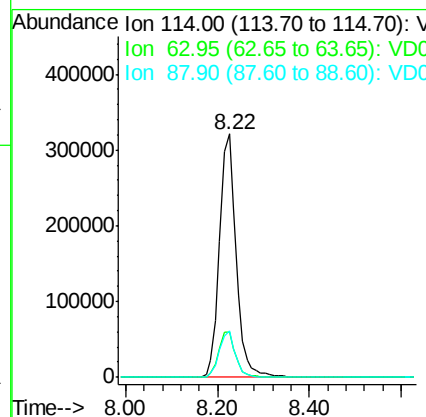
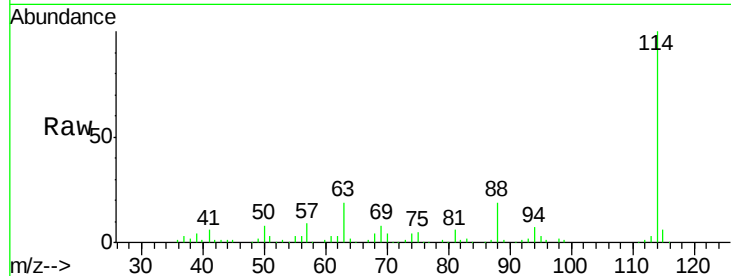
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: VD062419.D
 Acq: 16 May 2019 16:00

Instrument :
 MSVOA_D
 ClientSampleId :
 12-B

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	18.6	0.0	32.4
88	18.9	0.0	33.6

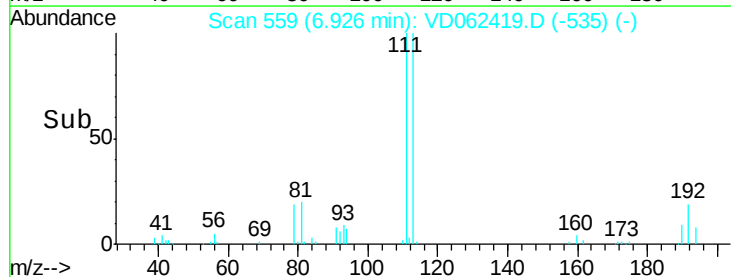
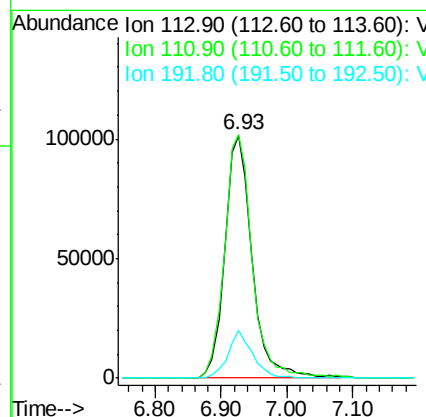
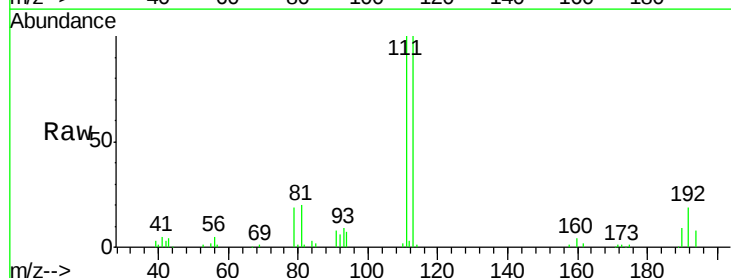
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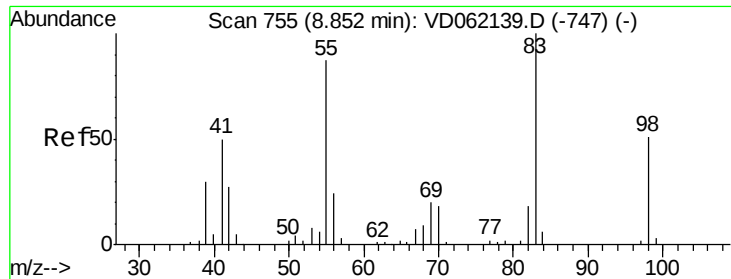
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#35
 Dibromofluoromethane
 Concen: 44.124 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.03 min
 Lab File: VD062419.D
 Acq: 16 May 2019 16:00

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	100.2	78.5	117.7
192	19.5	13.0	19.4#





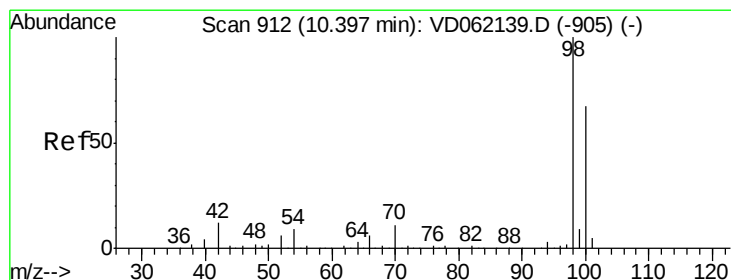
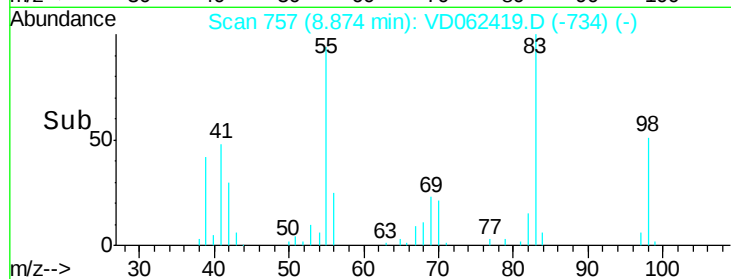
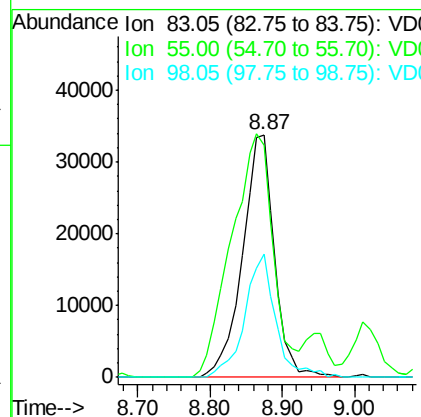
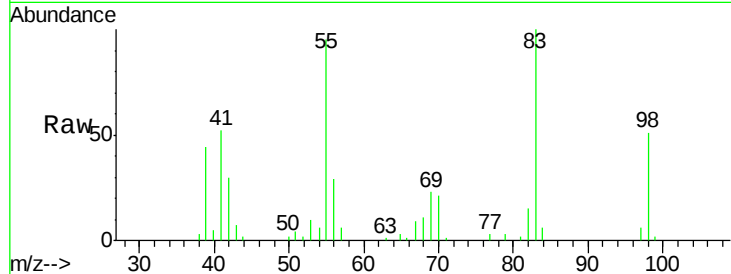
#39
Methvlcvclohexane
Concen: 16.632 ug/l
RT: 8.87 min Scan# 757
Delta R.T. 0.02 min
Lab File: VD062419.D
Acq: 16 May 2019 16:00

Instrument :
MSVOA_D
ClientSampled :
12-B

Tot Ion	83	Resp	104392
Ion Ratio	100	Lower	Upper
83	100		
55	95.4	68.2	102.4
98	51.0	38.2	57.4

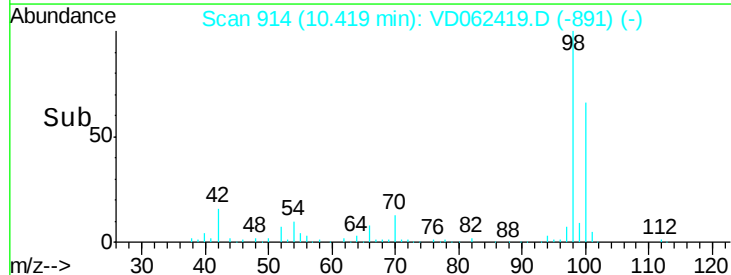
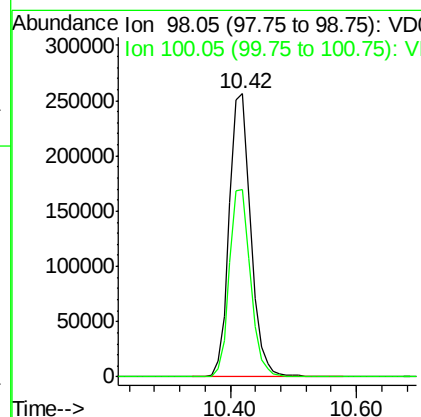
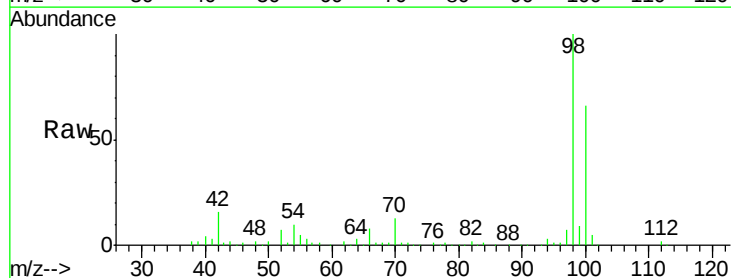
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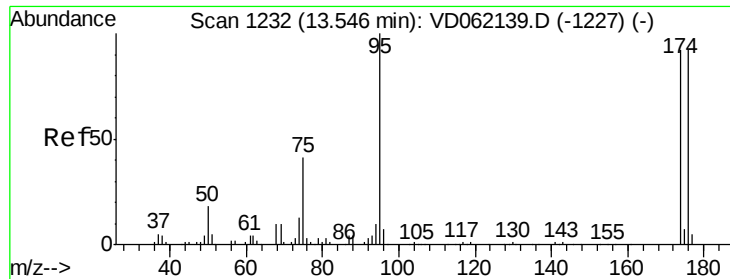
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#50
Toluene-d8
Concen: 37.863 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD062419.D
Acq: 16 May 2019 16:00

Tgt Ion	98	Resp	605176
Ion Ratio	100	Lower	Upper
98	100		
100	66.2	53.8	80.8





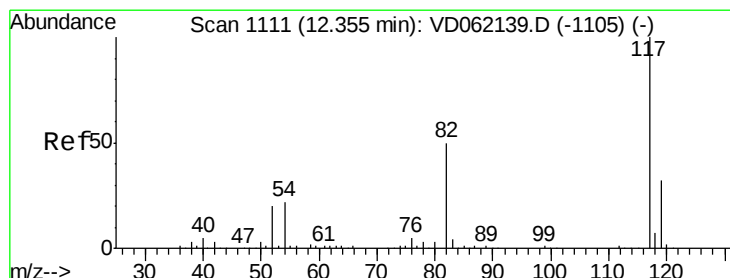
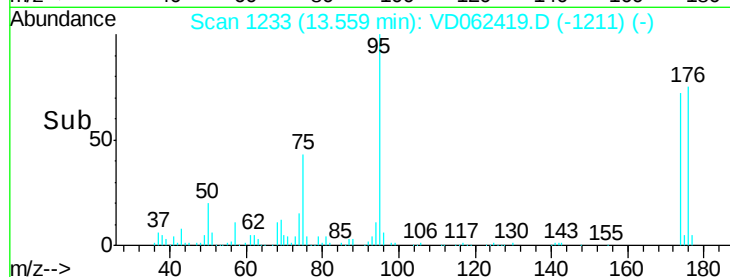
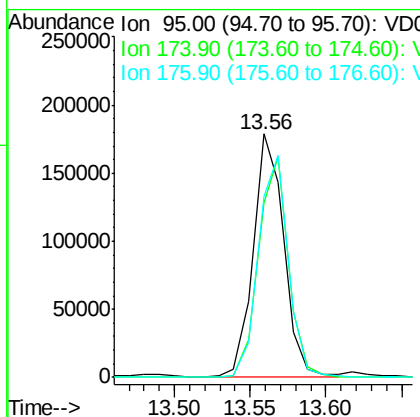
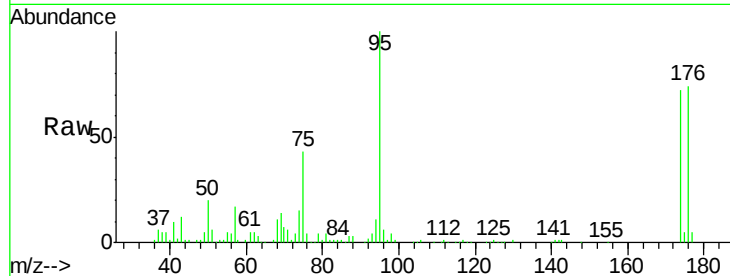
#62
4-Bromofluorobenzene
Concen: 39.035 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062419.D
Acq: 16 May 2019 16:00

Instrument :
MSVOA_D
ClientSampleId :
12-B

Tot Ion	Ratio	Resp	Lower	Upper
95	100	250538		
174	71.7	0.0	181.8	
176	74.2	0.0	174.4	

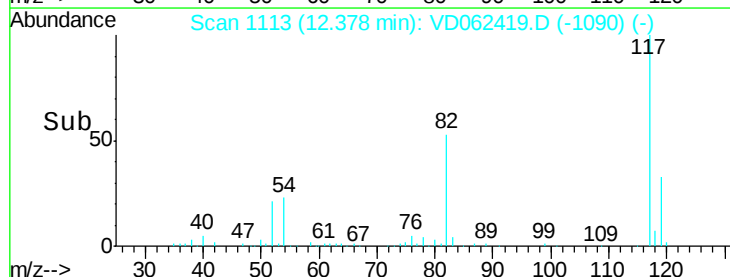
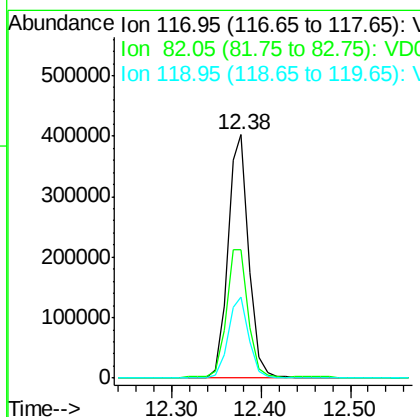
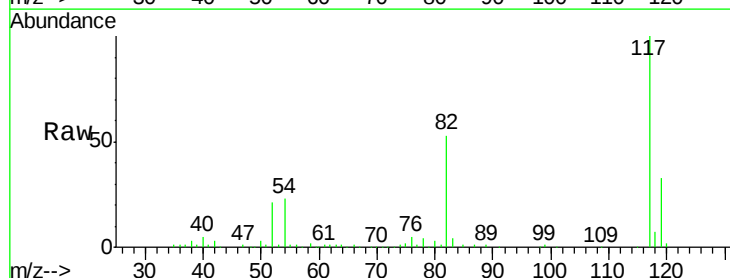
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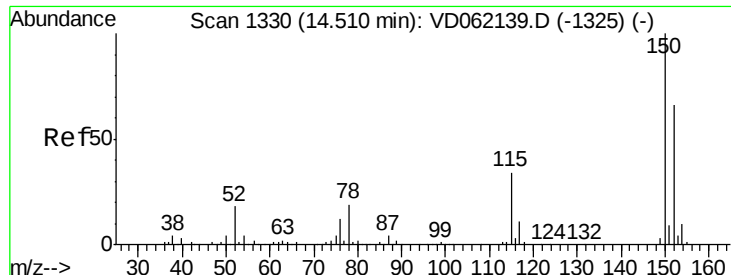
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062419.D
Acq: 16 May 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	664885		
82	52.8	36.2	54.2	
119	33.3	26.2	39.4	





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD062419.D
 Acq: 16 May 2019 16:00

Instrument :
 MSVOA_D
 ClientSampleId :
 12-B

Tot Ion:	152	Resp:	309125
Ion Ratio	Lower	Upper	
152	100		
115	60.9	30.9	92.7
150	156.8	0.0	314.8

Manual Integrations
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