

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090518\
 Data File : VD059975.D
 Acq On : 5 Sep 2018 18:02
 Operator : JC/SY
 Sample : J4724-15
 Misc : 5.32g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP1-SUT-8USTS-E

Quant Time: Sep 05 18:30:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

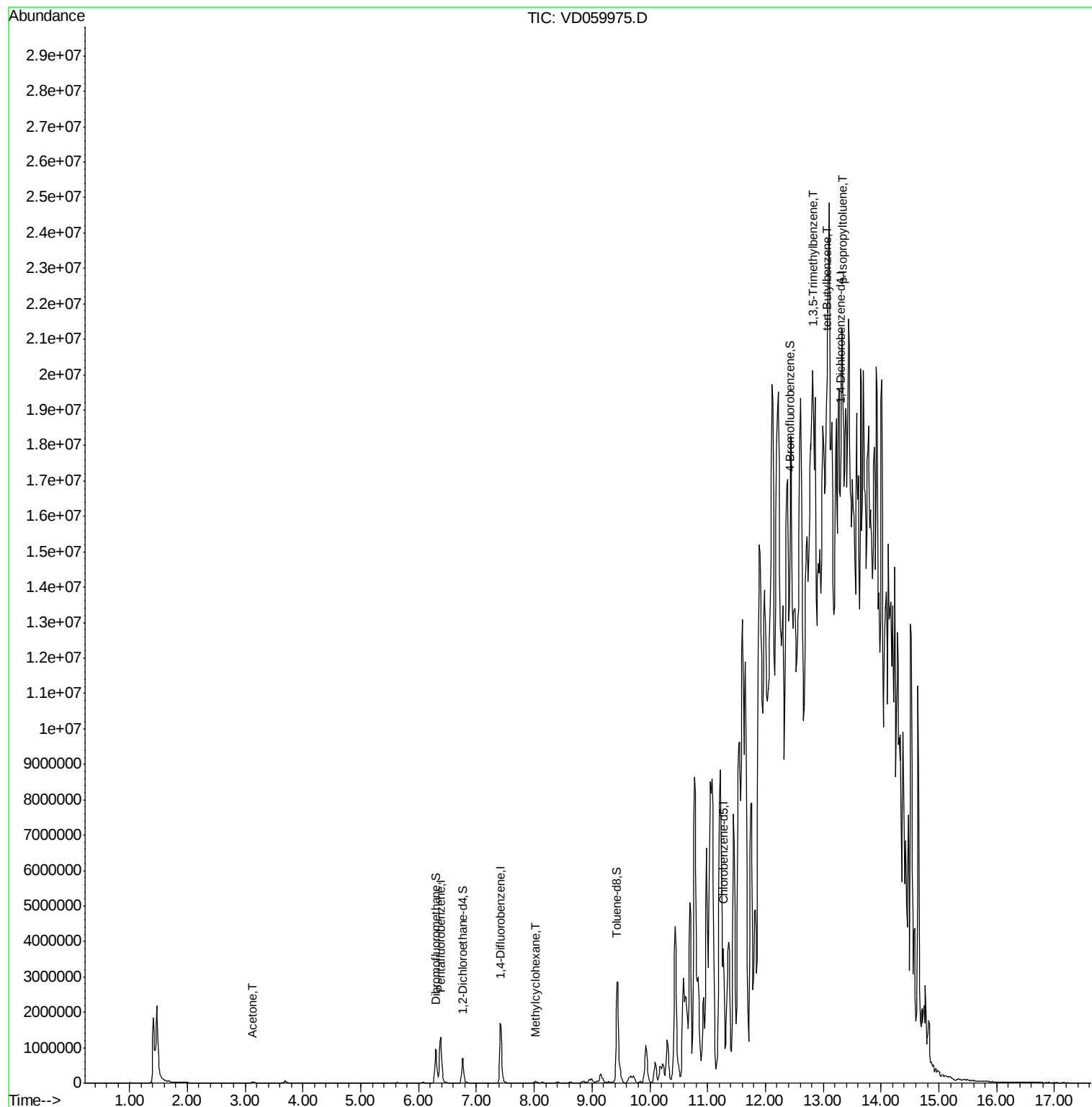
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	1285262	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.43	114	1821939	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1406732	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.29	152	149229	50.00	ug/l	-0.09
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	615579	56.83	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	113.66%	
35) Dibromofluoromethane	6.29	113	776825	54.38	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	108.76%	
50) Toluene-d8	9.44	98	2137424	53.92	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	107.84%	
62) 4-Bromofluorobenzene	12.42	95	573390	35.61	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	71.22%	
Target Compounds						
16) Acetone	3.14	43	39396	19.96	ug/l	# 86
39) Methylcyclohexane	8.02	83	19520	1.09	ug/l	92
80) 1,3,5-Trimethylbenzene	12.82	105	4319797	570.38	ug/l	92
83) tert-Butylbenzene	13.05	119	749389	86.86	ug/l	98
86) p-Isopropyltoluene	13.32	119	3272932	396.66	ug/l	94

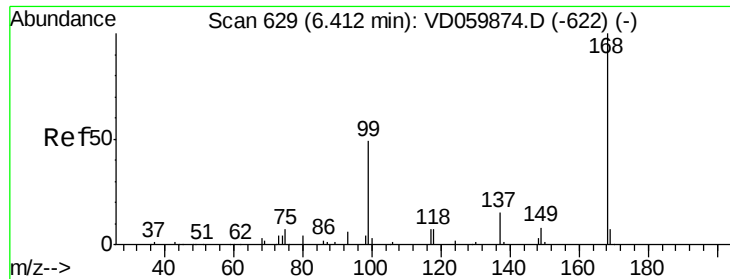
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090518\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.38 min Scan# 626

Delta R.T. -0.03 min

Lab File: VD059975.D

Acq: 5 Sep 2018 18:02

Instrument :

MSVOA_D

ClientSampleId :

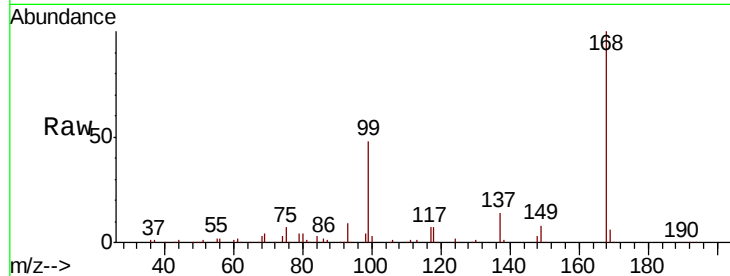
EP1-SUT-8USTS-E

Tot Ion:168 Resp: 1285262

Ion Ratio Lower Upper

168 100

99 48.4 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.38

500000

400000

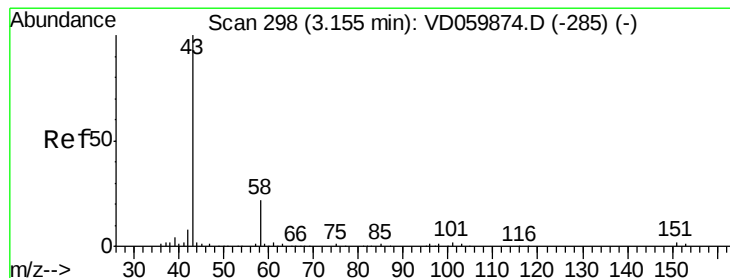
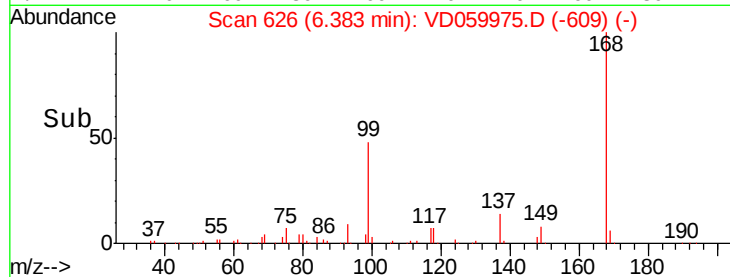
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 19.96 ug/l

RT: 3.14 min Scan# 296

Delta R.T. -0.02 min

Lab File: VD059975.D

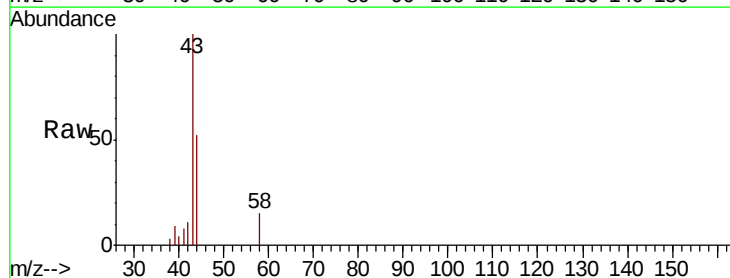
Acq: 5 Sep 2018 18:02

Tgt Ion: 43 Resp: 39396

Ion Ratio Lower Upper

43 100

58 15.3 17.6 26.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

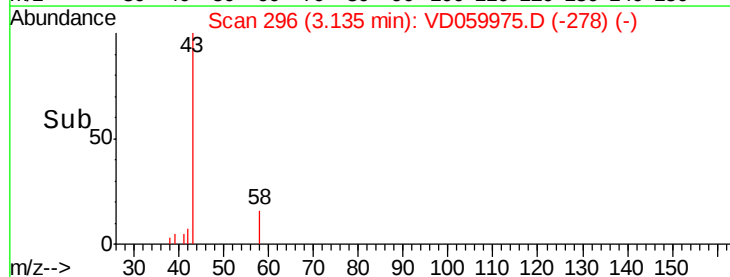
15000

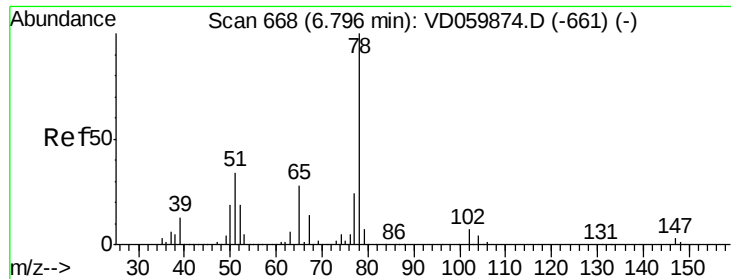
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.76 min Scan# 664

Delta R.T. -0.04 min

Lab File: VD059975.D

Acq: 5 Sep 2018 18:02

Instrument :

MSVOA_D

ClientSampleId :

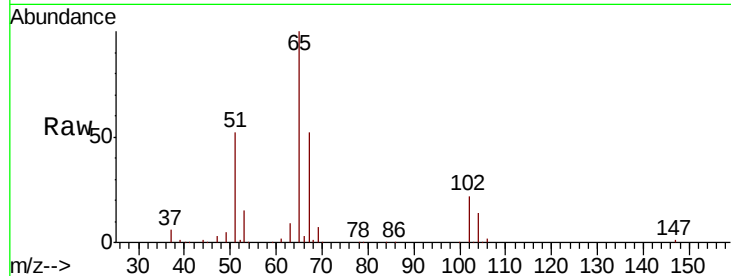
EP1-SUT-8USTS-E

Tot Ion: 65 Resp: 615579

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

250000

200000

150000

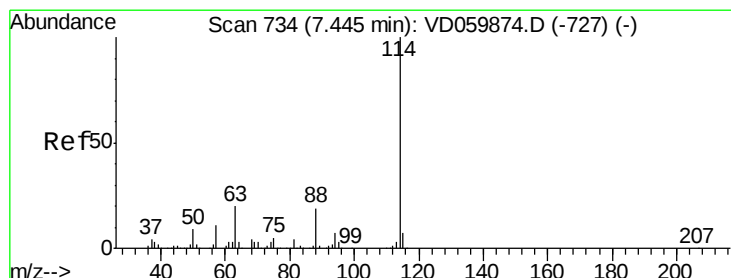
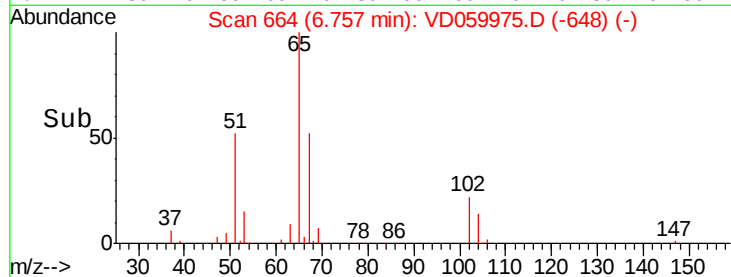
100000

50000

0

6.60 6.70 6.80 6.90

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.43 min Scan# 732

Delta R.T. -0.02 min

Lab File: VD059975.D

Acq: 5 Sep 2018 18:02

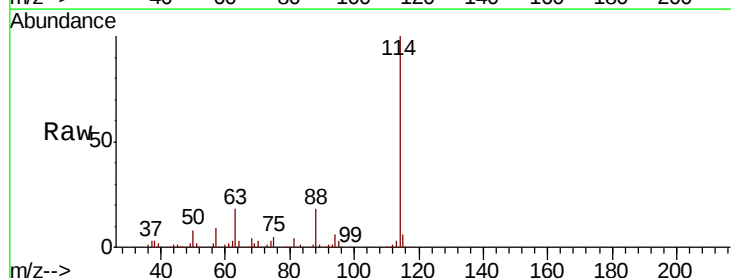
Tgt Ion:114 Resp: 1821939

Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.4

88 18.3 0.0 37.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

1000000

800000

600000

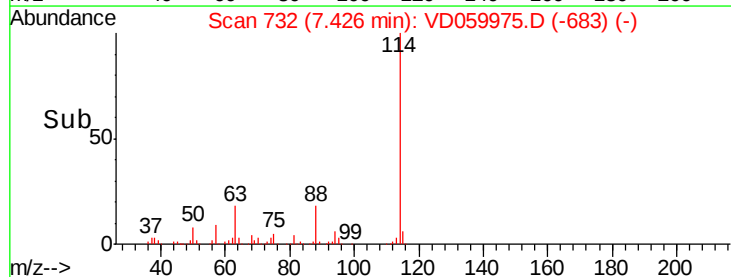
400000

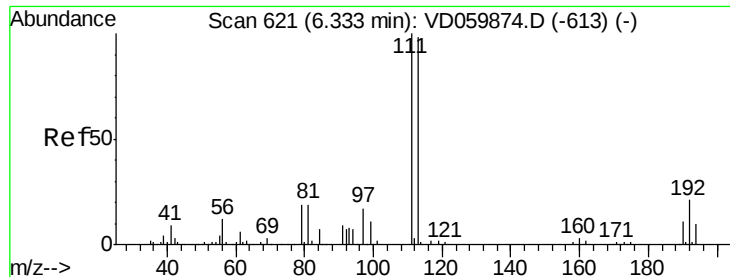
200000

0

7.20 7.40 7.60

Time-->

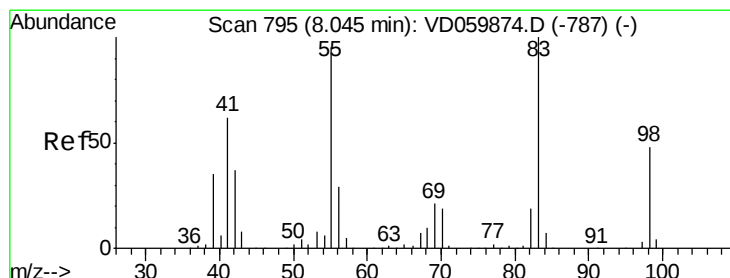
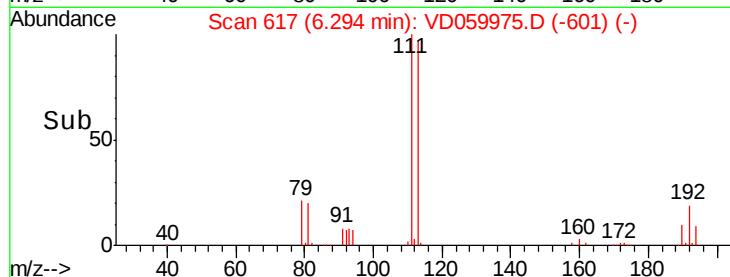
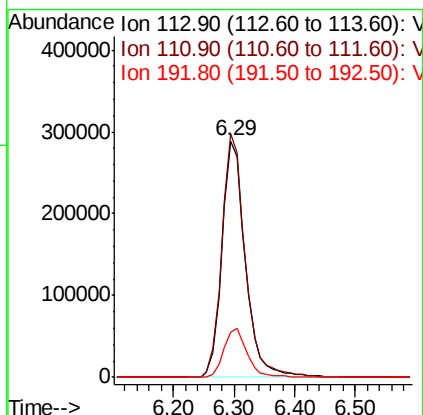
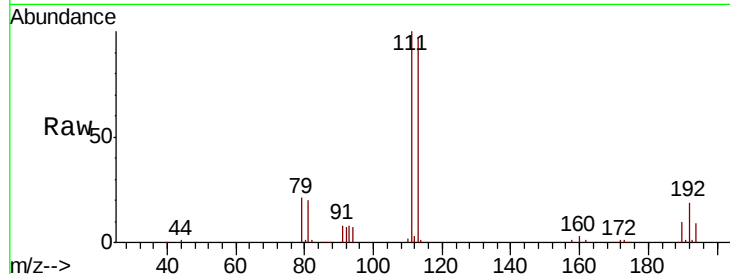




#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 6.29 min Scan# 617
Delta R.T. -0.04 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

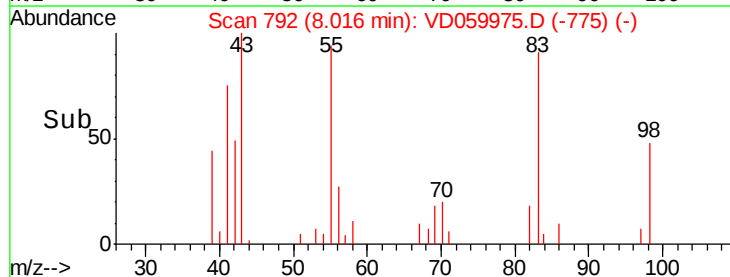
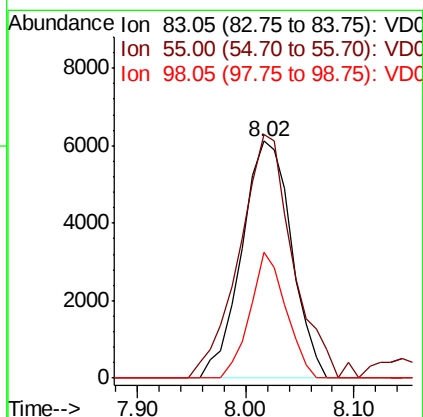
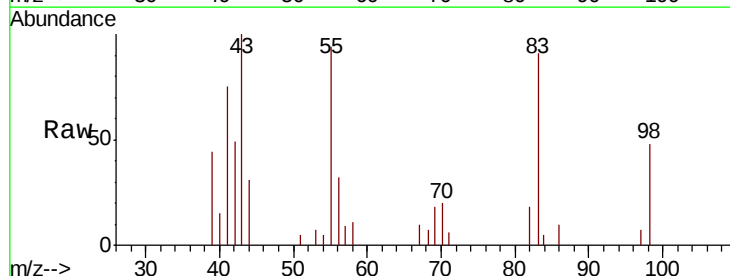
Instrument :
MSVOA_D
ClientSampleId :
EP1-SUT-8USTS-E

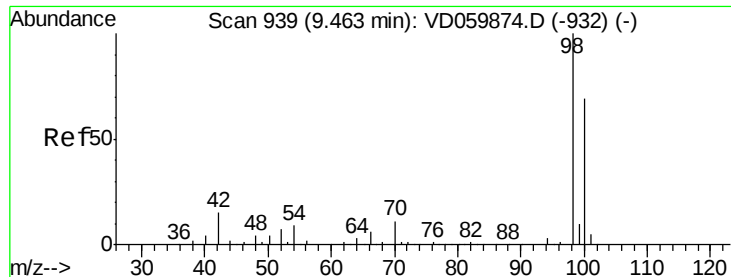
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.2
192	19.3	17.0	25.6



#39
Methylcyclohexane
Concen: 1.09 ug/l
RT: 8.02 min Scan# 792
Delta R.T. -0.03 min
Lab File: VD059975.D
Acq: 5 Sep 2018 18:02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	102.8	75.8	113.6
98	53.0	38.3	57.5





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.44 min Scan# 937

Delta R.T. -0.02 min

Lab File: VD059975.D

Acq: 5 Sep 2018 18:02

Instrument :

MSVOA_D

ClientSampleId :

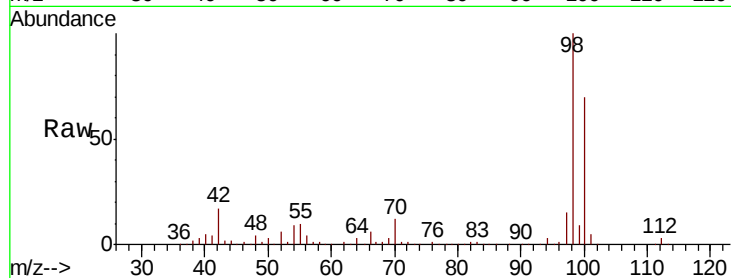
EP1-SUT-8USTS-E

Tot Ion: 98 Resp: 2137424

Ion Ratio Lower Upper

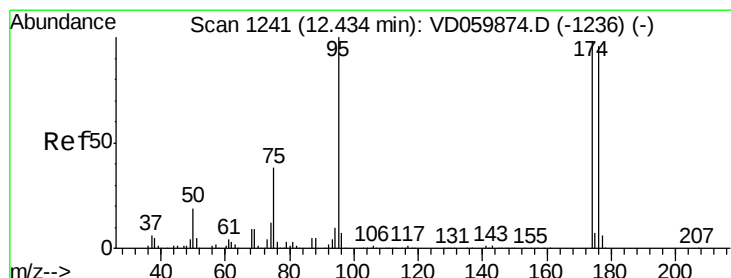
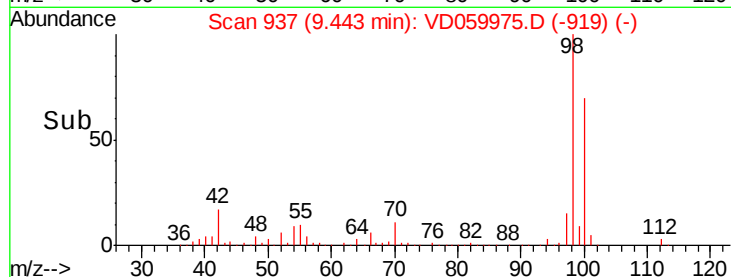
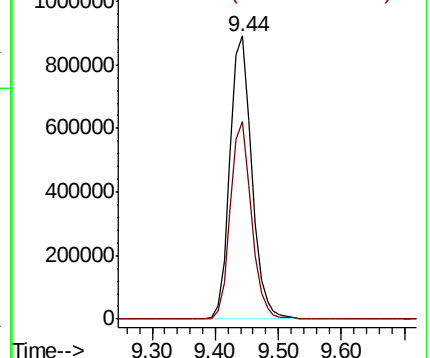
98 100

100 70.0 55.8 83.6



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.42 min Scan# 1239

Delta R.T. -0.02 min

Lab File: VD059975.D

Acq: 5 Sep 2018 18:02

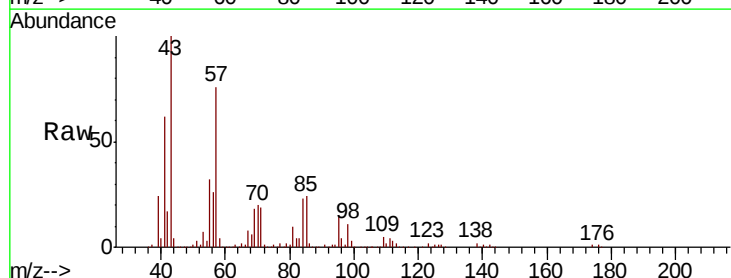
Tgt Ion: 95 Resp: 573390

Ion Ratio Lower Upper

95 100

174 8.2 0.0 195.6

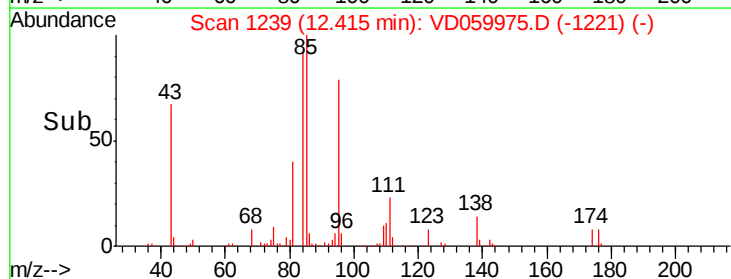
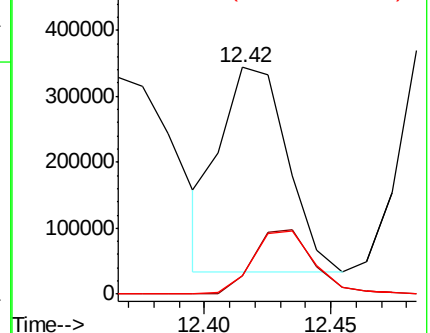
176 7.9 0.0 191.2

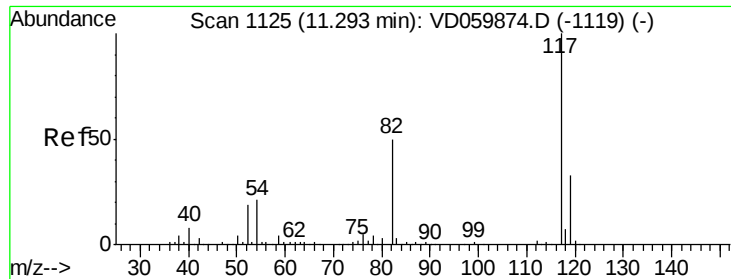


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.27 min Scan# 1123

Delta R.T. -0.02 min

Lab File: VD059975.D

Acq: 5 Sep 2018 18:02

Instrument :

MSVOA_D

ClientSampleId :

EP1-SUT-8USTS-E

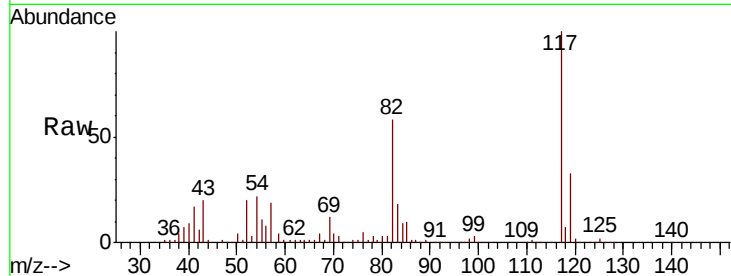
Tot Ion:117 Resp: 1406732

Ion Ratio Lower Upper

117 100

82 58.3 40.1 60.1

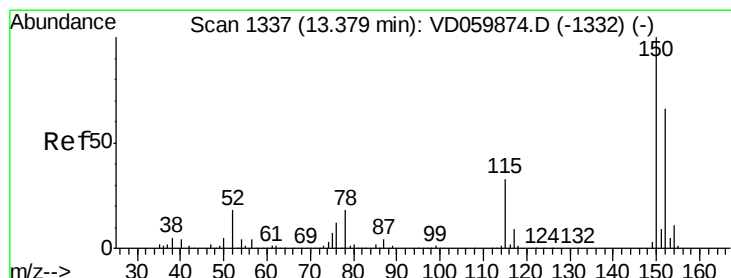
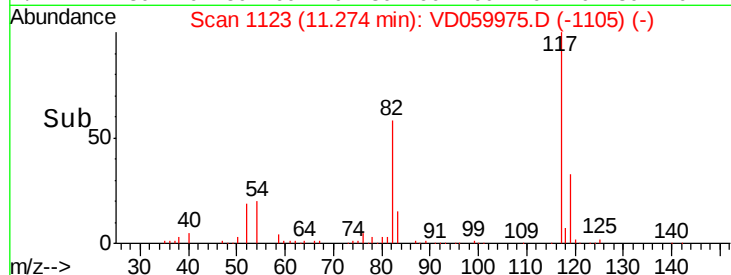
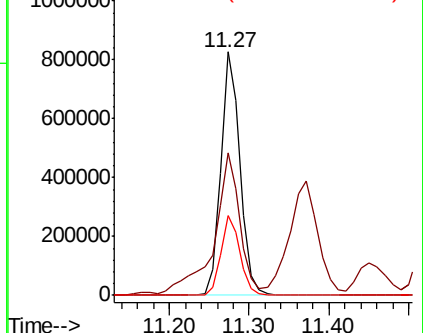
119 32.7 26.7 40.1



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: 50.00 ug/l

RT: 13.29 min Scan# 1328

Delta R.T. -0.09 min

Lab File: VD059975.D

Acq: 5 Sep 2018 18:02

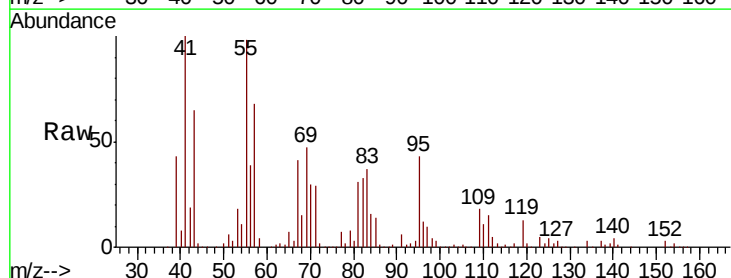
Tgt Ion:152 Resp: 149229

Ion Ratio Lower Upper

152 100

115 37.3 25.7 77.0

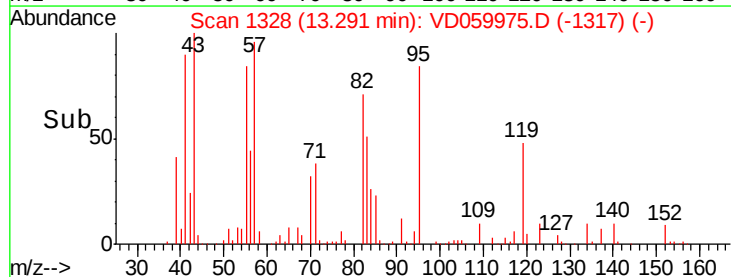
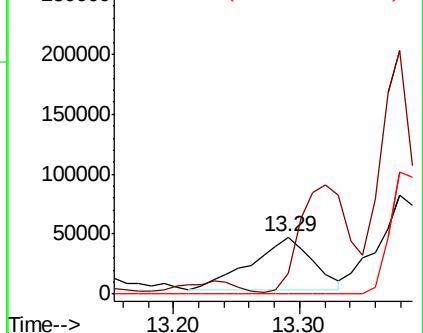
150 0.0 0.0 310.2

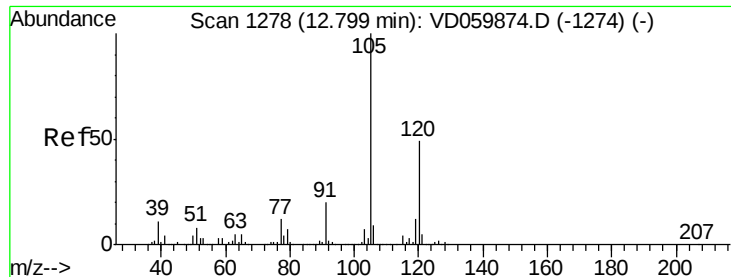


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

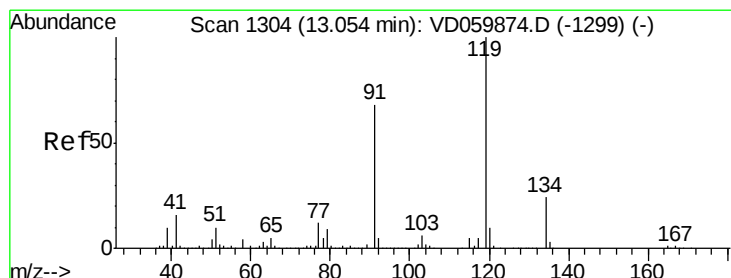
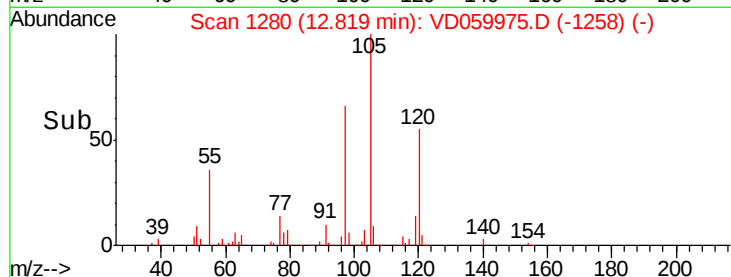
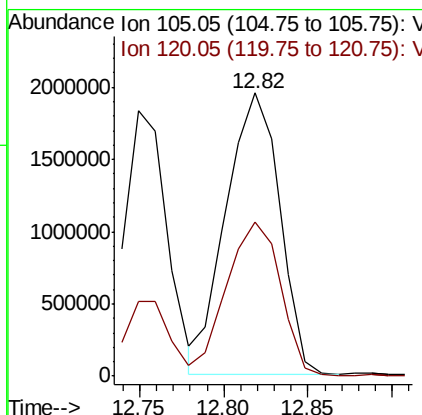
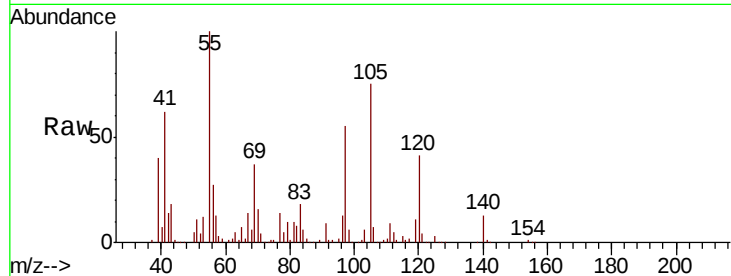




#80
 1,3,5-Trimethylbenzene
 Concen: 570.38 ug/l
 RT: 12.82 min Scan# 1280
 Delta R.T. 0.02 min
 Lab File: VD059975.D
 Acq: 5 Sep 2018 18:02

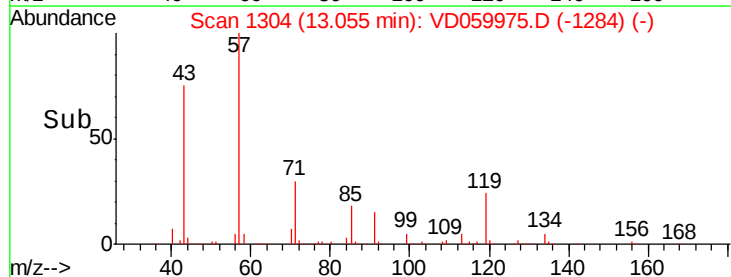
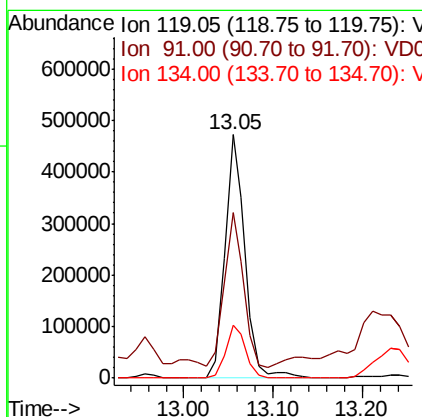
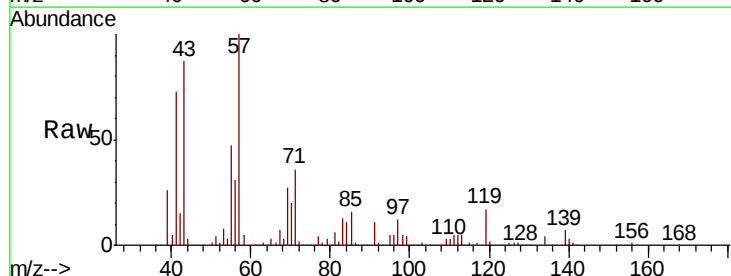
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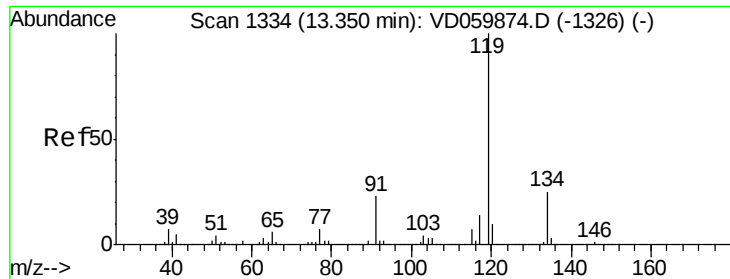
Tot Ion:105 Resp: 4319797
 Ion Ratio Lower Upper
 105 100
 120 54.4 24.5 73.5



#83
 tert-Butylbenzene
 Concen: 86.86 ug/l
 RT: 13.05 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: VD059975.D
 Acq: 5 Sep 2018 18:02

Tgt Ion:119 Resp: 749389
 Ion Ratio Lower Upper
 119 100
 91 68.0 34.3 102.9
 134 21.9 11.9 35.9





#86
 p-Isopropyltoluene
 Concen: 396.66 ug/l
 RT: 13.32 min Scan# 1331
 Delta R.T. -0.03 min
 Lab File: VD059975.D
 Acq: 5 Sep 2018 18:02

Instrument :
 MSVOA_D
 ClientSampleId :
 EP1-SUT-8USTS-E

Tot Ion:119 Resp: 3272932
 Ion Ratio Lower Upper
 119 100
 134 27.7 12.7 38.1
 91 26.6 11.7 35.0

