

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112818\
 Data File : VU028369.D
 Acq On : 28 Nov 2018 16:32
 Operator : MD/SY
 Sample : J6081-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-0639

Quant Time: Nov 29 06:47:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

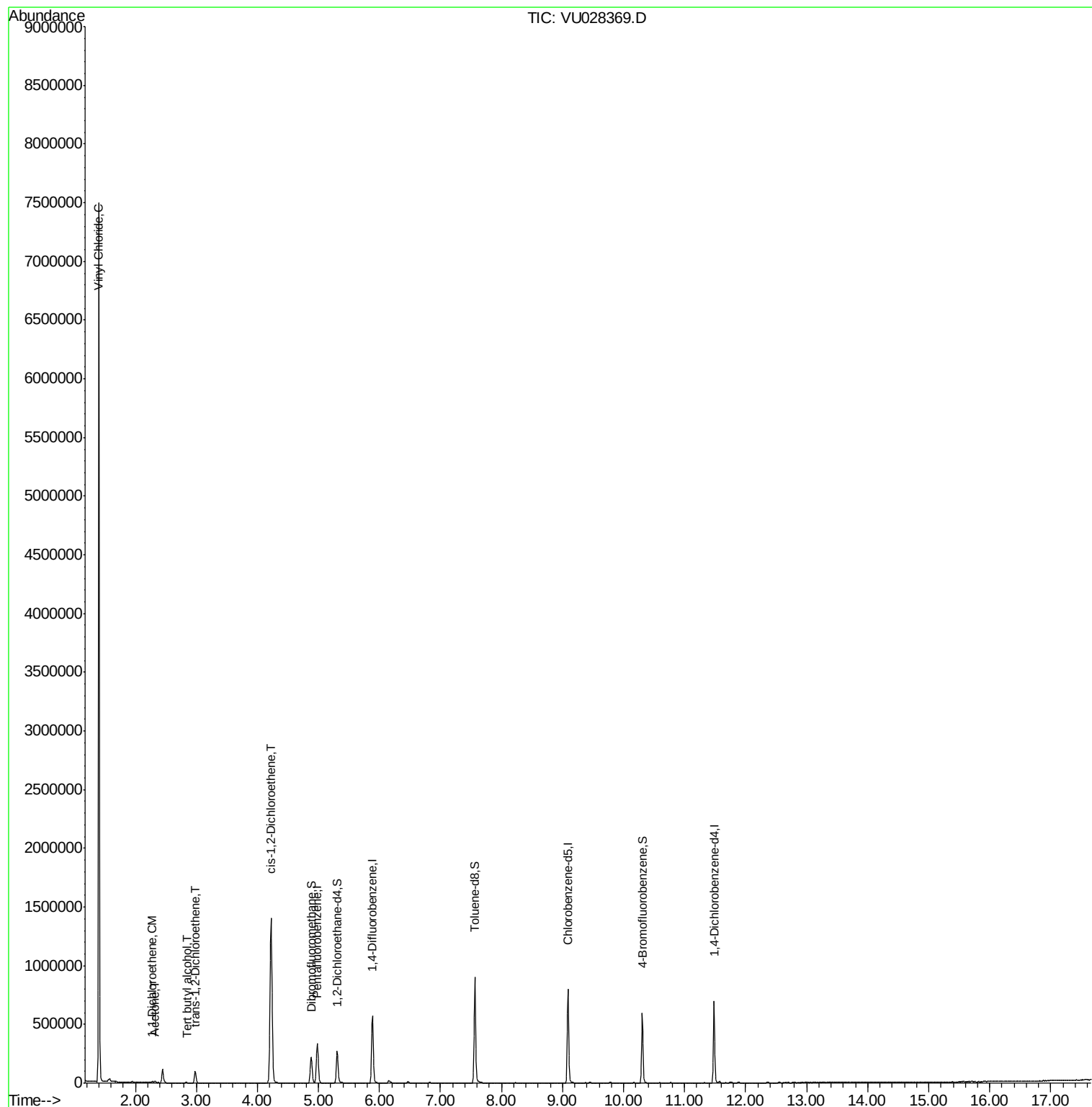
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	245733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	451324	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	413113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	162075	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	209838	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
35) Dibromofluoromethane	4.88	113	151049	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
50) Toluene-d8	7.56	98	594928	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	10.30	95	199364	46.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.18%	
Target Compounds						
4) Vinyl Chloride	1.40	62	4607626	1030.660	ug/l	100
11) Tert butyl alcohol	2.83	59	4097	4.391	ug/l #	88
12) 1,1-Dichloroethene	2.28	96	2738	1.043	ug/l #	77
16) Acetone	2.32	43	15331	6.103	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	37344	12.266	ug/l	90
27) cis-1,2-Dichloroethene	4.22	96	726687	201.824	ug/l	88

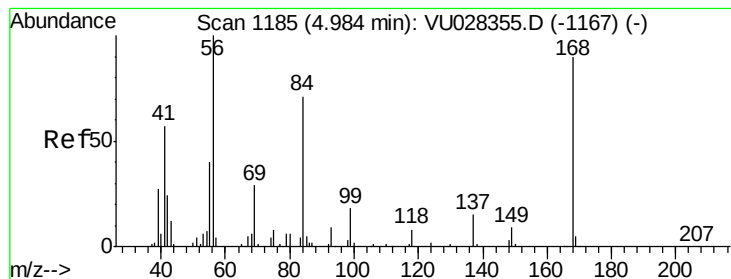
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU028369.D

Acq: 28 Nov 2018 16:32

Instrument :

MSVOA_U

ClientSampleId :

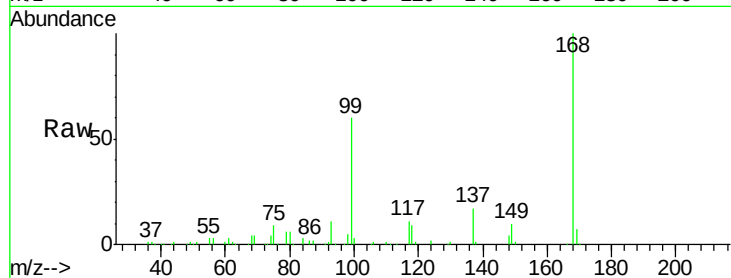
S32-0639

Tot Ion:168 Resp: 245733

Ion Ratio Lower Upper

168 100

99 60.1 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU0

Ion 98.90 (98.60 to 99.60): VU0

4.98

120000

100000

80000

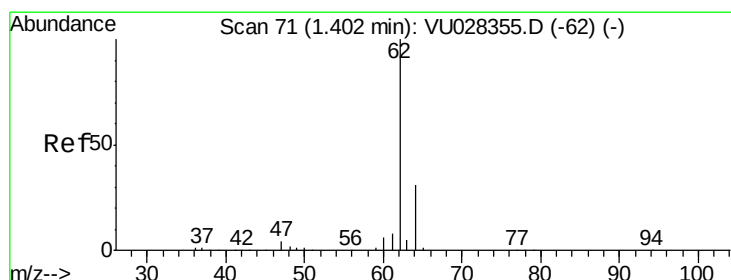
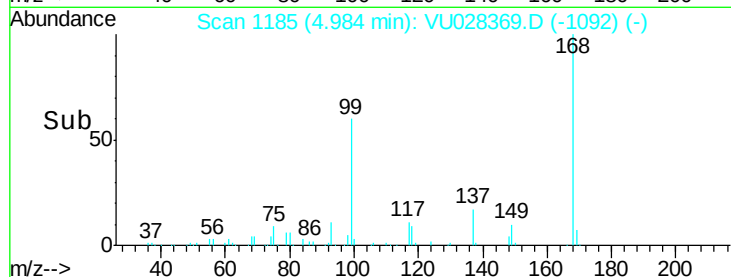
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 1030.660 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU028369.D

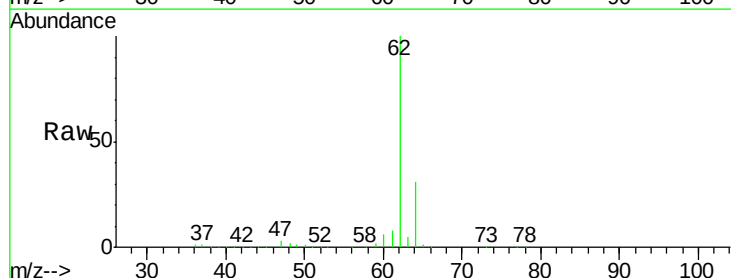
Acq: 28 Nov 2018 16:32

Tgt Ion: 62 Resp: 4607626

Ion Ratio Lower Upper

62 100

64 31.1 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

1.40

5000000

4000000

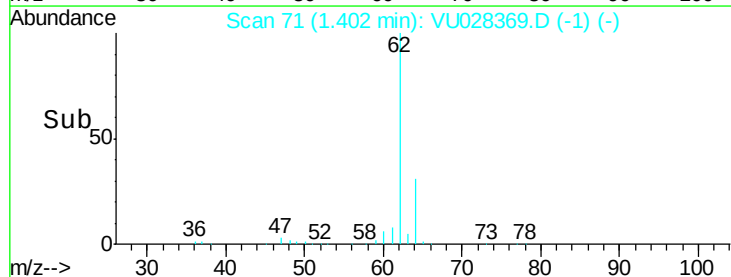
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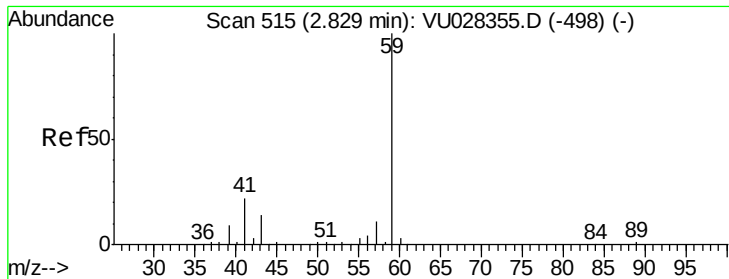
2000000

1000000

0

Time-->



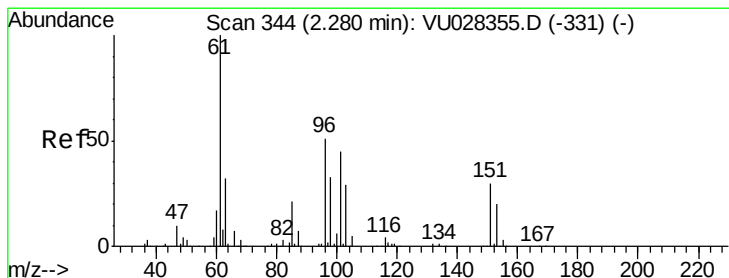
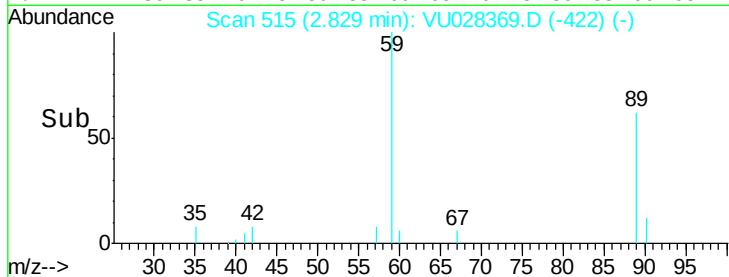
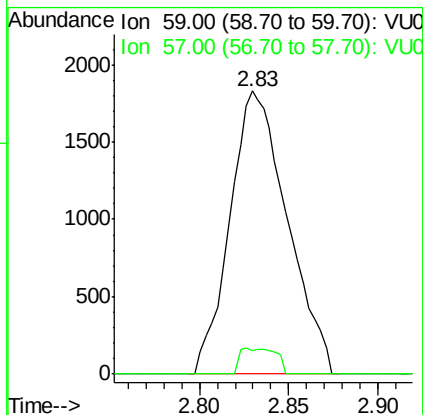
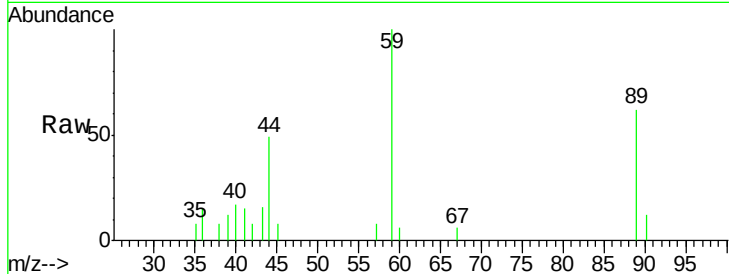


#11

Tert butyl alcohol
 Concen: 4.391 ug/l
 RT: 2.83 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: VU028369.D
 Acq: 28 Nov 2018 16:32

Instrument :
 MSVOA_U
 ClientSampled :
 S32-0639

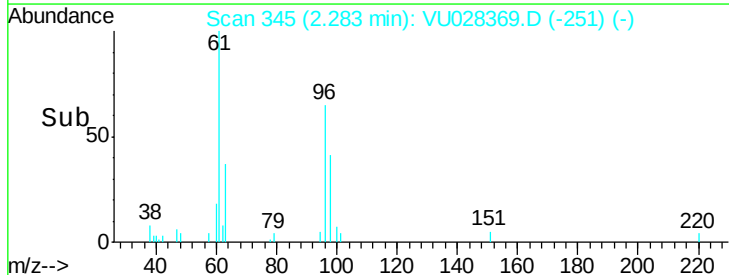
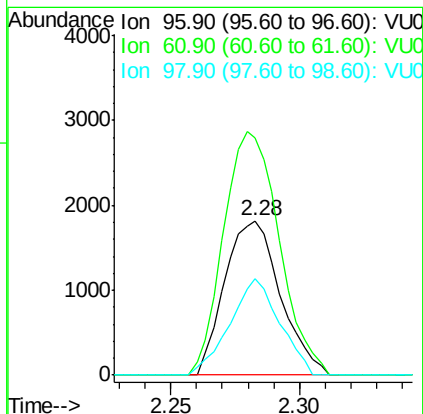
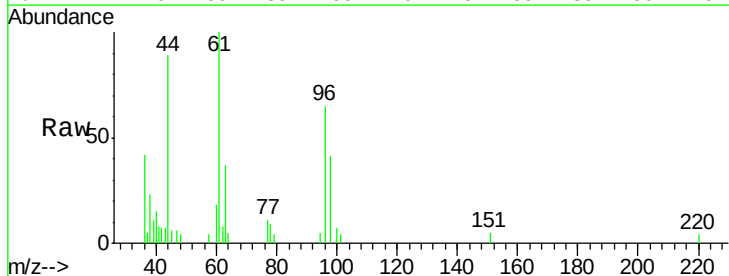
Tot Ion: 59 Resp: 4097
 Ion Ratio Lower Upper
 59 100
 57 5.7 8.3 12.5#

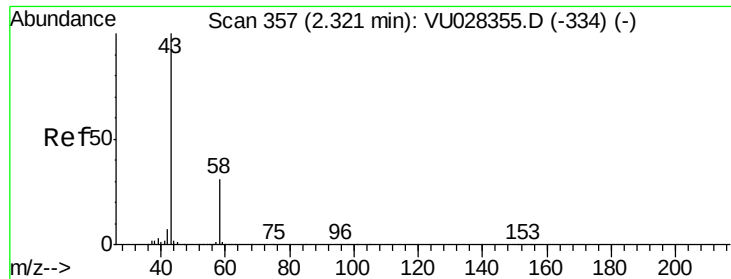


#12

1,1-Dichloroethene
 Concen: 1.043 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU028369.D
 Acq: 28 Nov 2018 16:32

Tgt Ion: 96 Resp: 2738
 Ion Ratio Lower Upper
 96 100
 61 153.4 158.1 237.1#
 98 62.3 51.4 77.2





#16

Acetone

Concen: 6.103 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028369.D

Acq: 28 Nov 2018 16:32

Instrument :

MSVOA_U

ClientSampled :

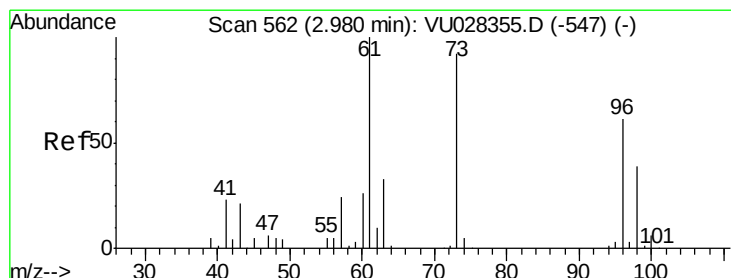
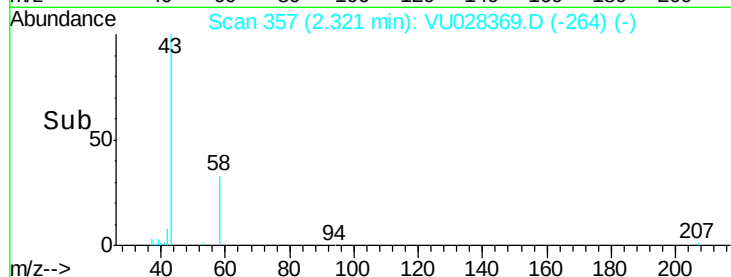
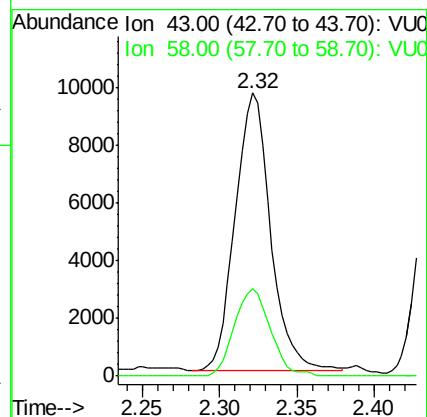
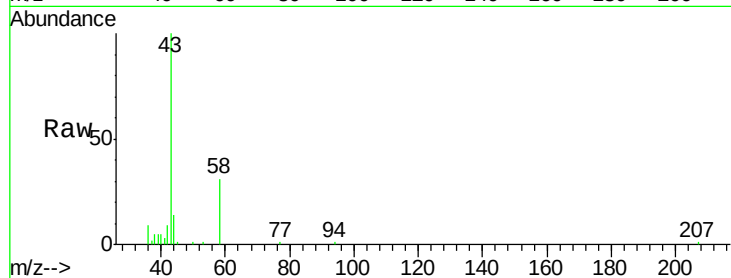
S32-0639

Tot Ion: 43 Resp: 15331

Ion Ratio Lower Upper

43 100

58 31.5 24.4 36.6



#21

trans-1,2-Dichloroethene

Concen: 12.266 ug/l

RT: 2.98 min Scan# 562

Delta R.T. 0.00 min

Lab File: VU028369.D

Acq: 28 Nov 2018 16:32

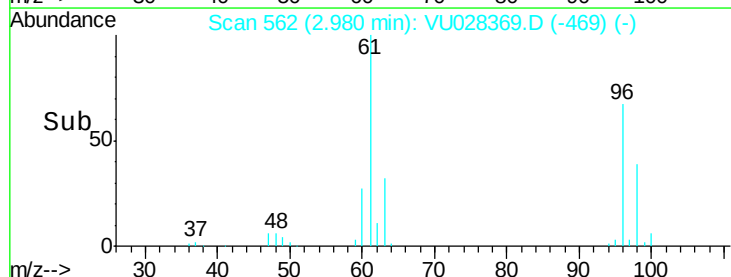
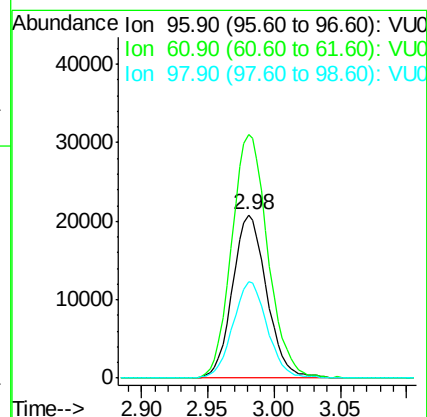
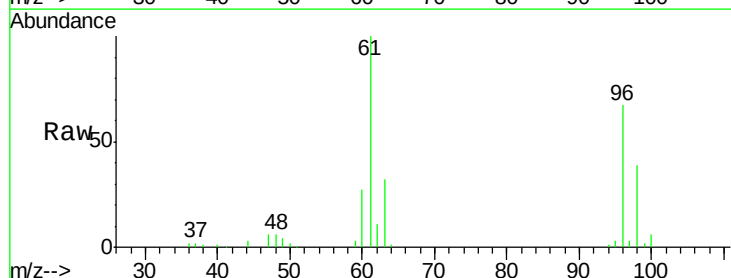
Tgt Ion: 96 Resp: 37344

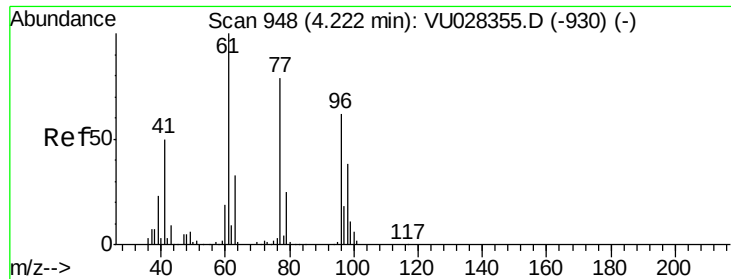
Ion Ratio Lower Upper

96 100

61 149.4 131.1 196.7

98 58.9 51.7 77.5



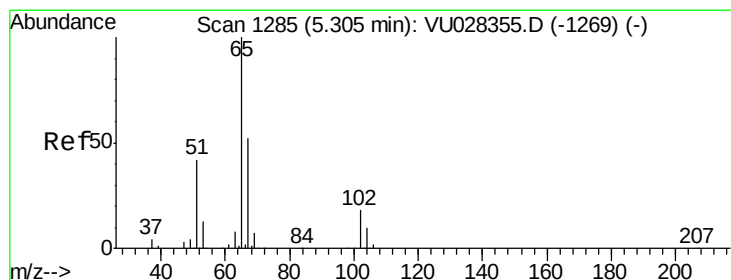
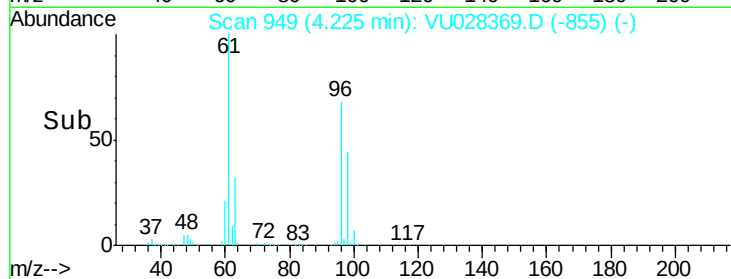
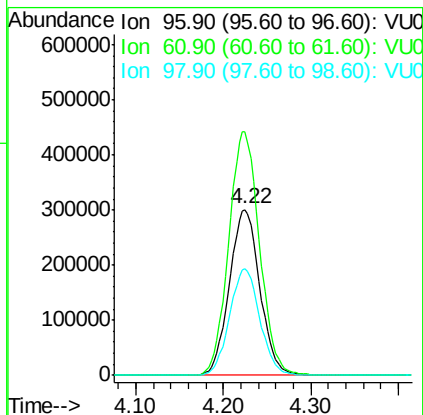
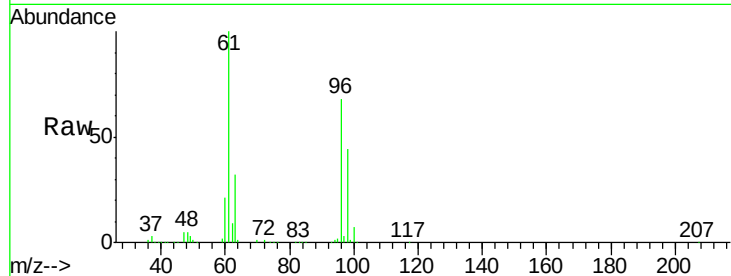


#27

cis-1,2-Dichloroethene
 Concen: 201.824 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: VU028369.D
 Acq: 28 Nov 2018 16:32

Instrument :
 MSVOA_U
 ClientSampled :
 S32-0639

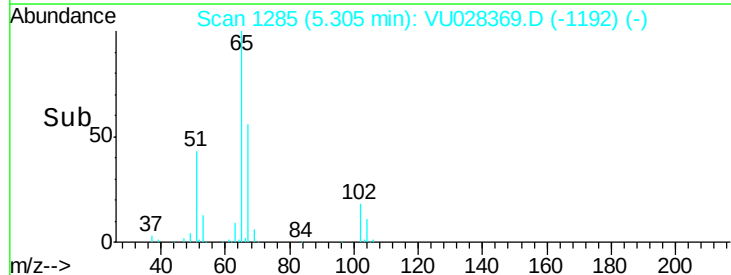
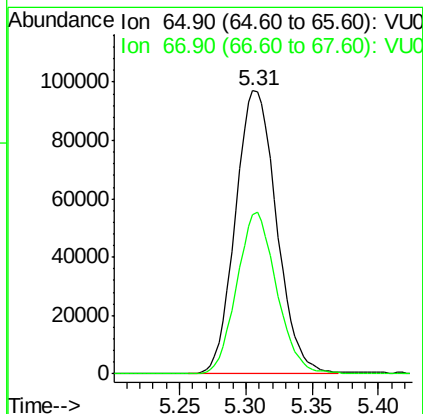
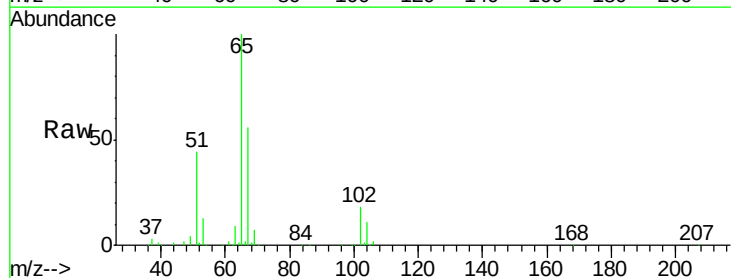
Tot Ion	96	Resp	726687
Ion	Ratio	Lower	Upper
96	100		
61	148.4	0.0	342.0
98	63.9	0.0	126.4

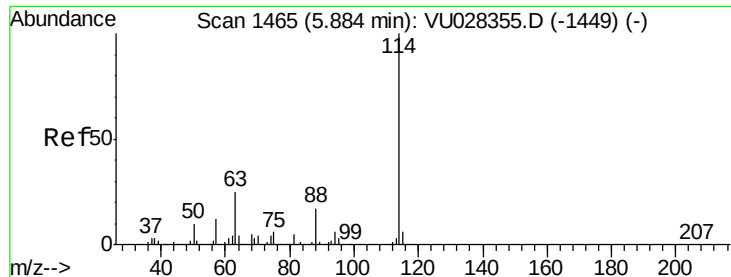


#33

1,2-Dichloroethane-d4
 Concen: 51.095 ug/l
 RT: 5.31 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VU028369.D
 Acq: 28 Nov 2018 16:32

Tgt Ion	65	Resp	209838
Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. 0.00 min

Lab File: VU028369.D

Acq: 28 Nov 2018 16:32

Instrument :

MSVOA_U

ClientSampleId :

S32-0639

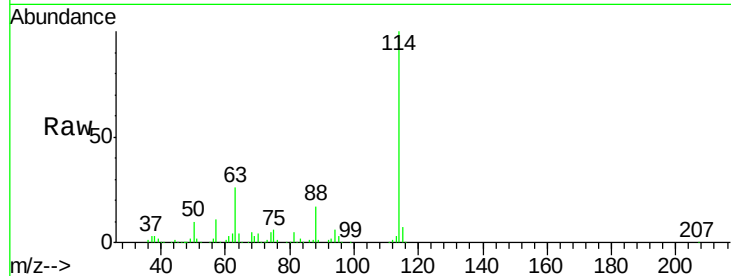
Tot Ion:114 Resp: 451324

Ion Ratio Lower Upper

114 100

63 25.9 0.0 50.0

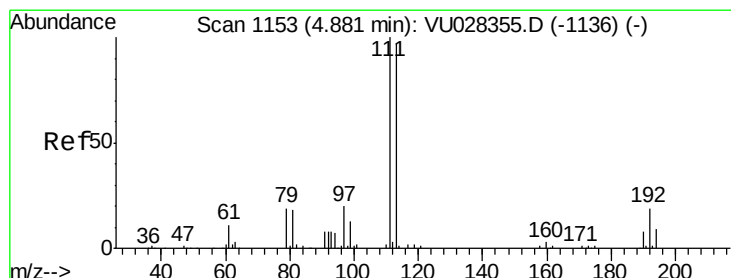
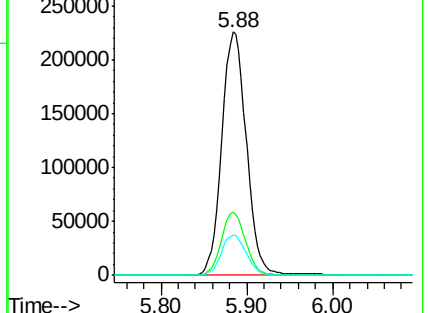
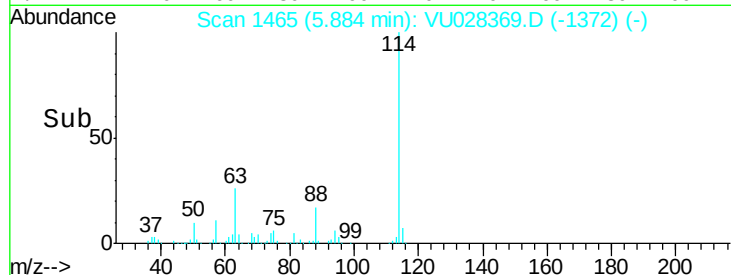
88 16.6 0.0 34.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 50.331 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU028369.D

Acq: 28 Nov 2018 16:32

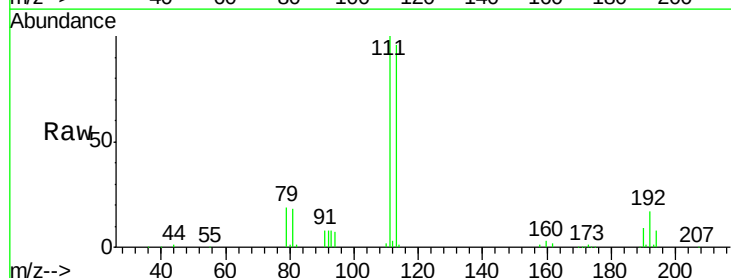
Tgt Ion:113 Resp: 151049

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

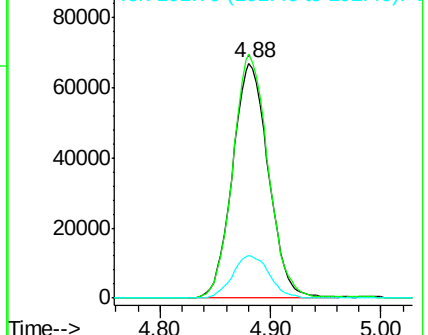
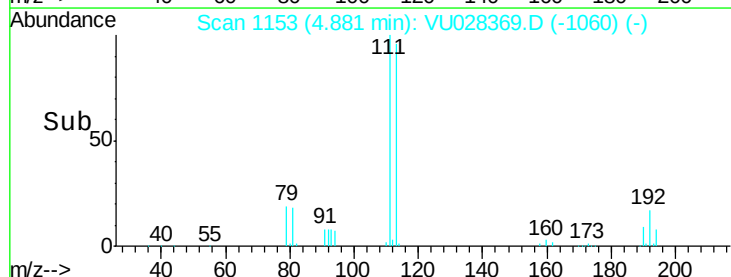
192 18.6 15.4 23.0

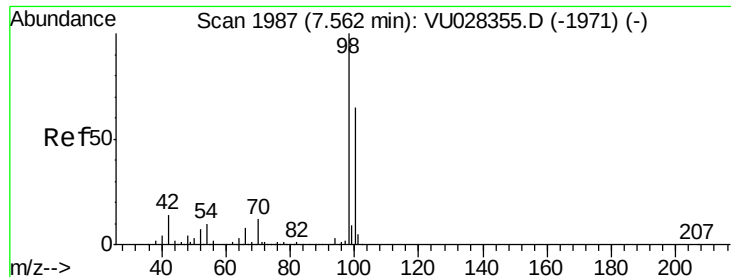


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.568 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU028369.D

Acq: 28 Nov 2018 16:32

Instrument :

MSVOA_U

ClientSampleId :

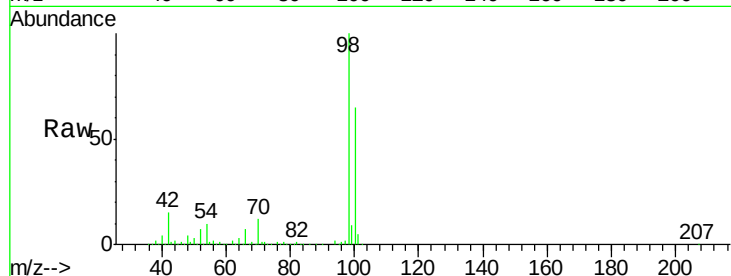
S32-0639

Tot Ion: 98 Resp: 594928

Ion Ratio Lower Upper

98 100

100 63.0 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VU028355.D (-1971) (-)

Ion 100.00 (99.70 to 100.70): VU028355.D (-1971) (-)

7.56

300000

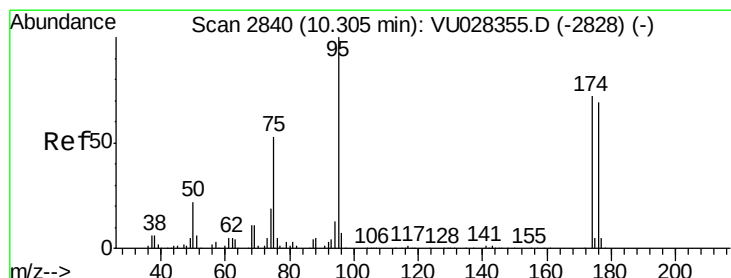
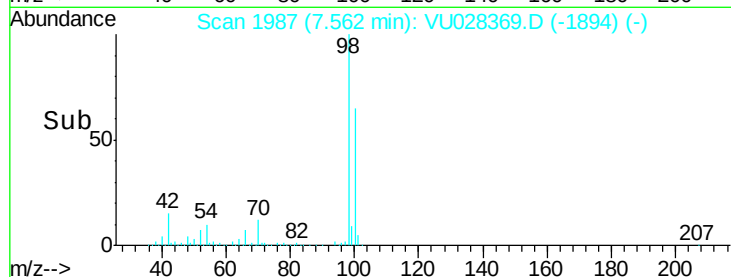
200000

100000

0

7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 46.085 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU028369.D

Acq: 28 Nov 2018 16:32

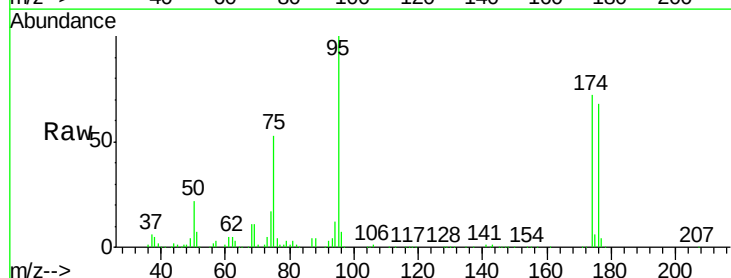
Tgt Ion: 95 Resp: 199364

Ion Ratio Lower Upper

95 100

174 73.3 0.0 145.4

176 69.9 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU028355.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028355.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028355.D (-2828) (-)

10.30

150000

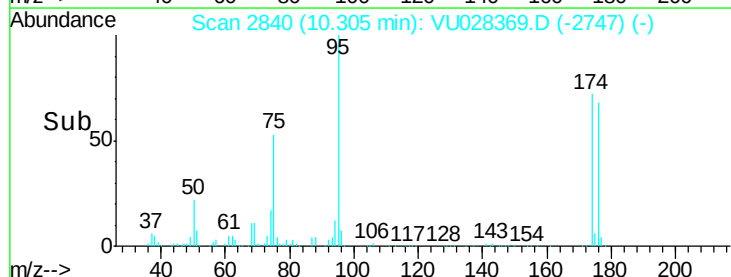
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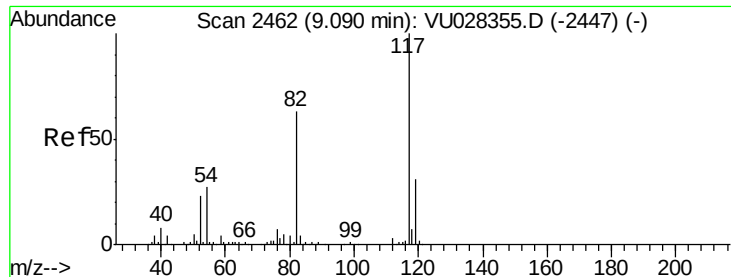
50000

0

10.20 10.30 10.40

Time-->

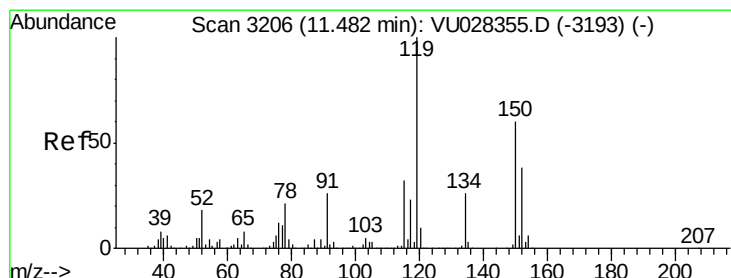
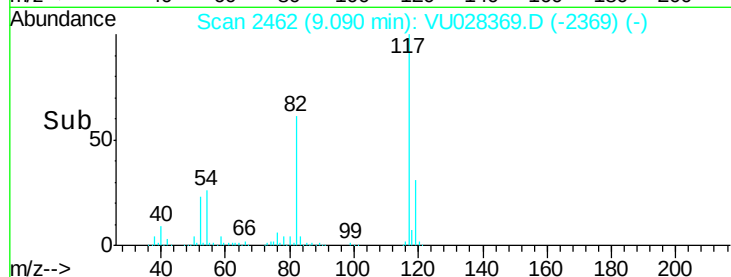
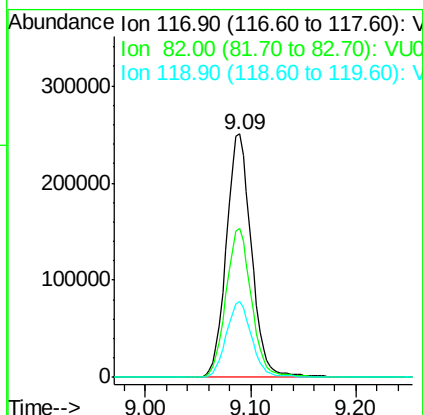
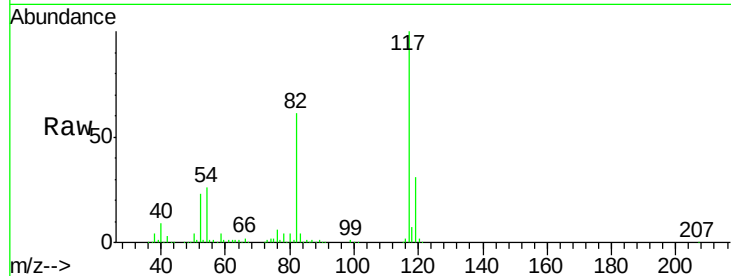




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028369.D
Acq: 28 Nov 2018 16:32

Instrument :
MSVOA_U
ClientSampleId :
S32-0639

Tot Ion:117 Resp: 413113
Ion Ratio Lower Upper
117 100
82 61.0 50.3 75.5
119 31.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU028369.D
Acq: 28 Nov 2018 16:32

Tgt Ion:152 Resp: 162075
Ion Ratio Lower Upper
152 100
115 61.2 45.0 134.8
150 157.9 0.0 349.2

