

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112918\
 Data File : VU028393.D
 Acq On : 29 Nov 2018 15:00
 Operator : MD/SY
 Sample : J6081-01DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-0639DL

Quant Time: Nov 30 07:37:51 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

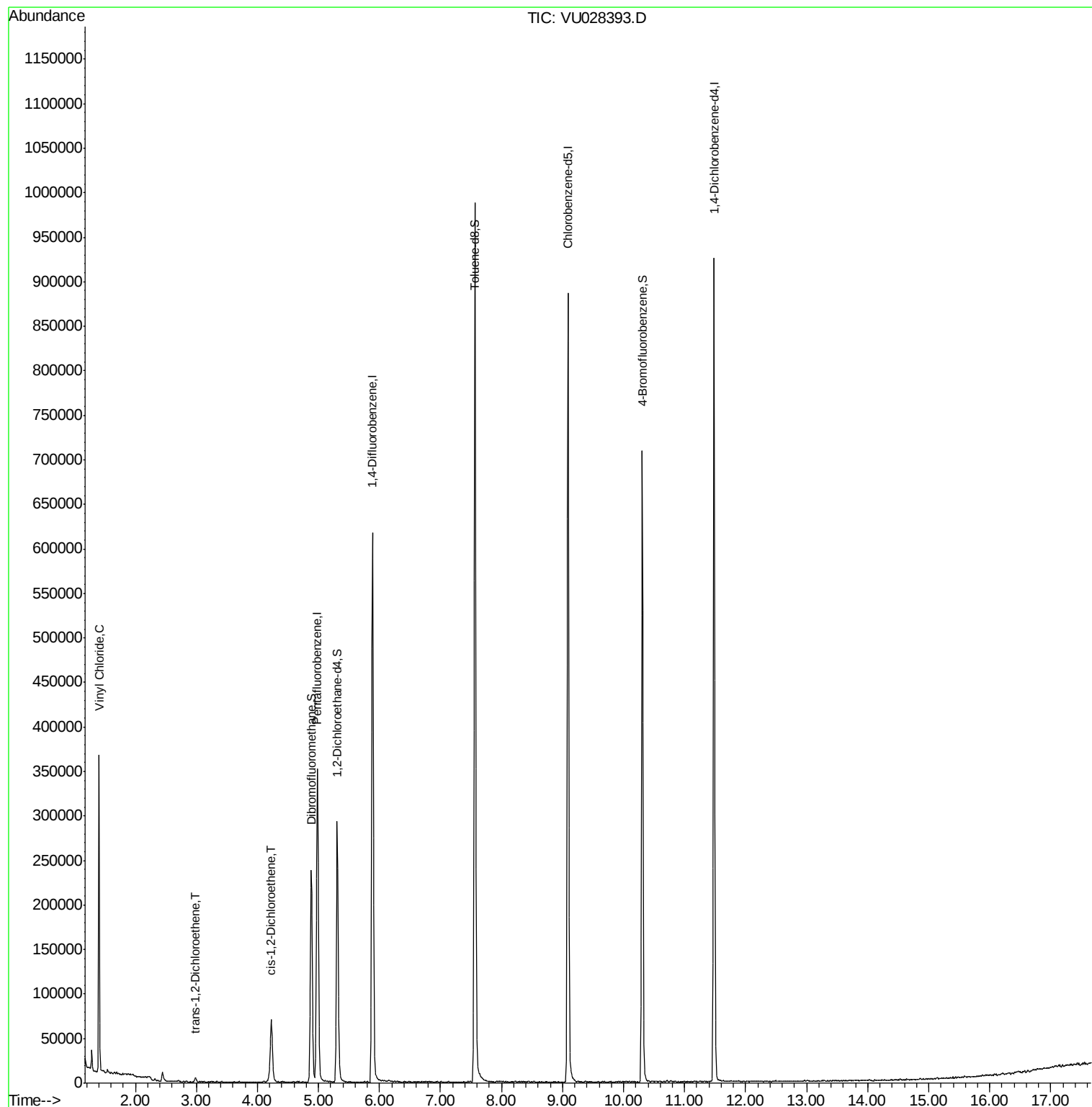
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	254558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	494075	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	459620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	213255	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	224735	52.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.66%	
35) Dibromofluoromethane	4.88	113	164691	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
50) Toluene-d8	7.57	98	649817	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	10.30	95	238000	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
Target Compounds						
4) Vinyl Chloride	1.40	62	217214	46.903	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	1835	0.582	ug/l #	93
27) cis-1,2-Dichloroethene	4.23	96	34546	9.262	ug/l	89

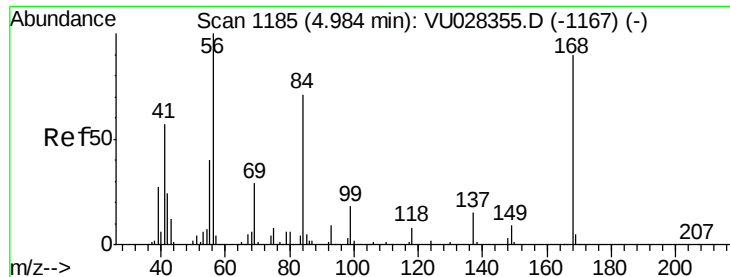
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 29 01:04:49 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028393.D

Acq: 29 Nov 2018 15:00

Instrument :

MSVOA_U

ClientSampleId :

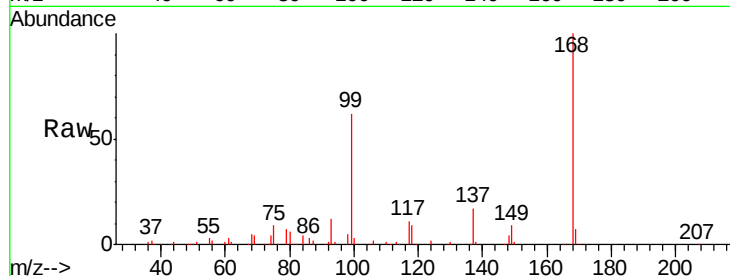
S32-0639DL

Tgt Ion:168 Resp: 254558

Ion Ratio Lower Upper

168 100

99 61.9 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028355.D (-1167) (-)

4.98

120000

100000

80000

60000

40000

20000

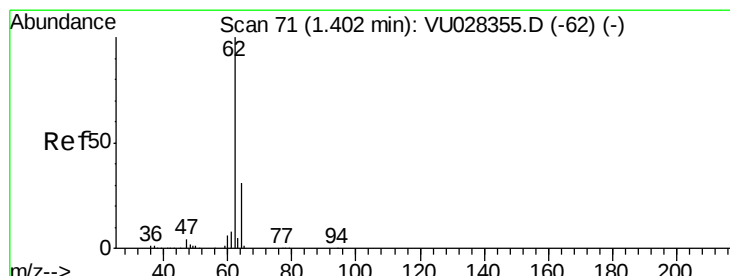
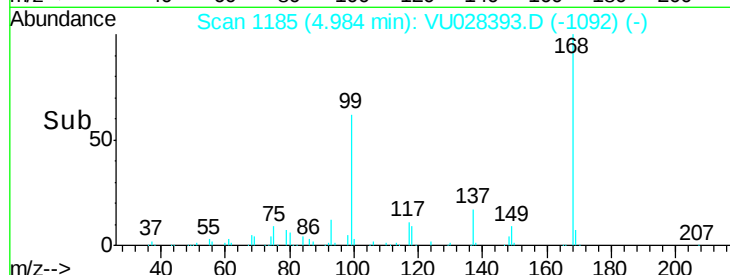
0

4.90

5.00

5.10

Time-->



#4

Vinyl Chloride

Concen: 46.903 ug/l

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU028393.D

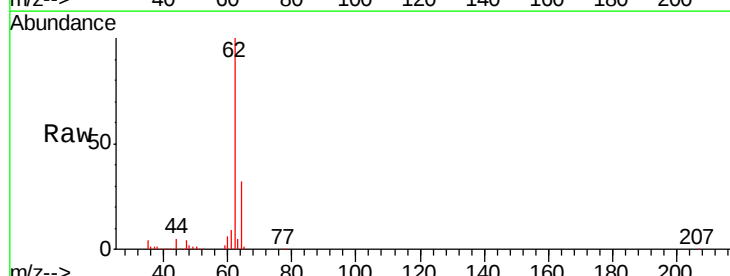
Acq: 29 Nov 2018 15:00

Tgt Ion: 62 Resp: 217214

Ion Ratio Lower Upper

62 100

64 31.5 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VU028355.D (-62) (-)

Ion 63.90 (63.60 to 64.60): VU028355.D (-62) (-)

1.40

250000

200000

150000

100000

50000

0

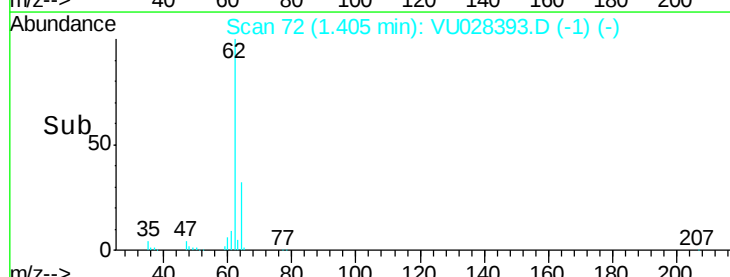
1.35

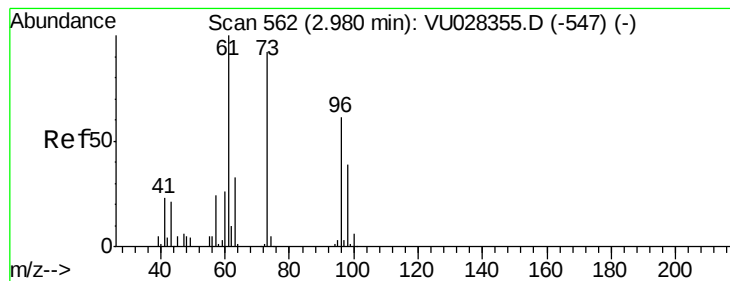
1.40

1.45

1.50

Time-->





#21

trans-1,2-Dichloroethene

Concen: 0.582 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU028393.D

Acq: 29 Nov 2018 15:00

Instrument :

MSVOA_U

ClientSampled :

S32-0639DL

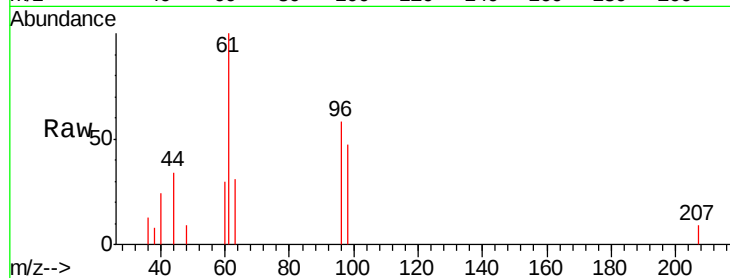
Tgt Ion: 96 Resp: 1835

Ion Ratio Lower Upper

96 100

61 161.2 131.1 196.7

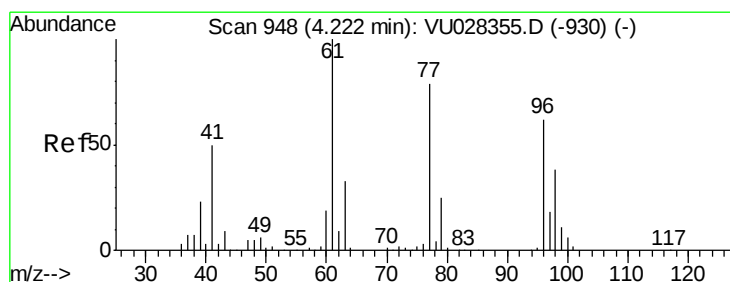
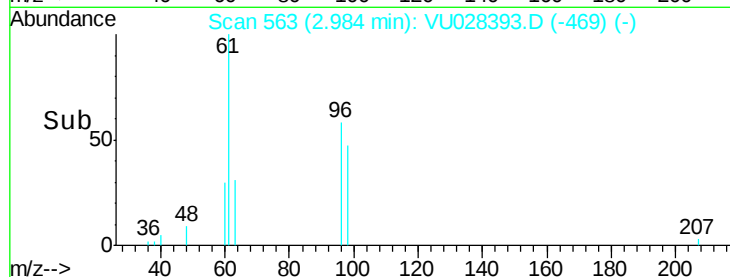
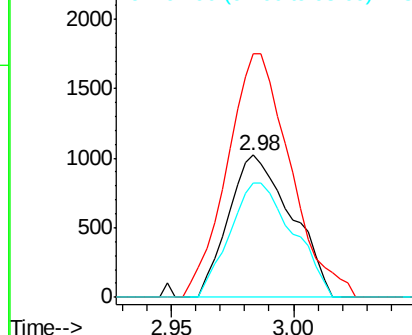
98 80.2 51.7 77.5#



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#27

cis-1,2-Dichloroethene

Concen: 9.262 ug/l

RT: 4.23 min Scan# 950

Delta R.T. 0.01 min

Lab File: VU028393.D

Acq: 29 Nov 2018 15:00

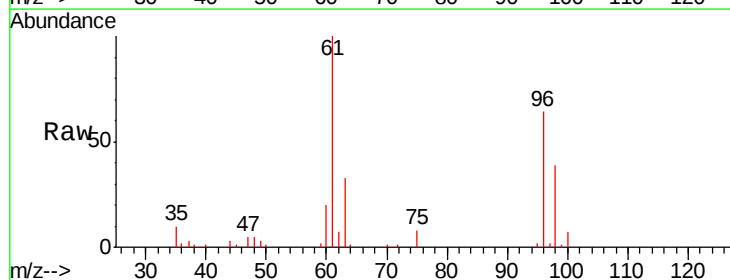
Tgt Ion: 96 Resp: 34546

Ion Ratio Lower Upper

96 100

61 152.2 0.0 342.0

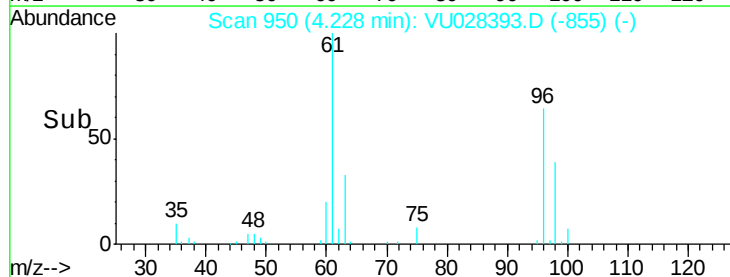
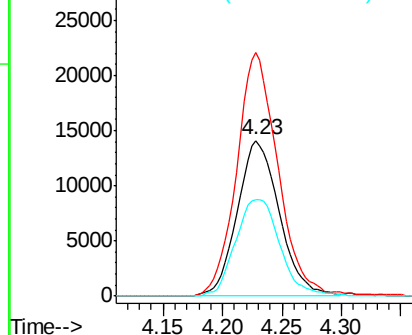
98 65.5 0.0 126.4

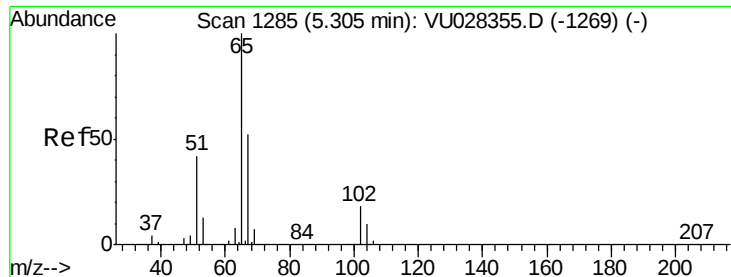


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#33

1,2-Dichloroethane-d4

Concen: 52.825 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028393.D

Acq: 29 Nov 2018 15:00

Instrument :

MSVOA_U

ClientSampleID :

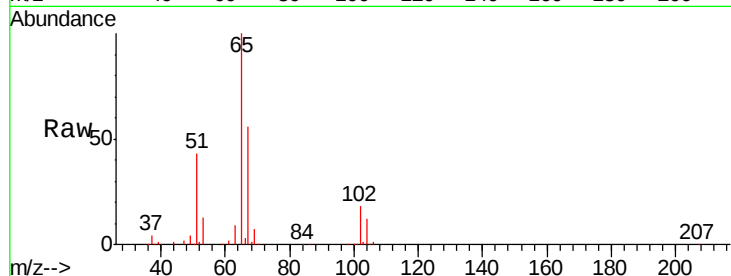
S32-0639DL

Tgt Ion: 65 Resp: 224735

Ion Ratio Lower Upper

65 100

67 54.2 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

5.31

120000

100000

80000

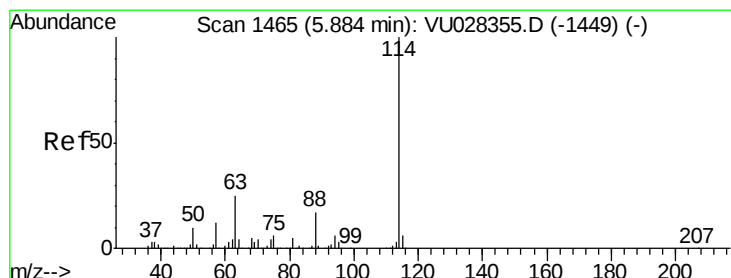
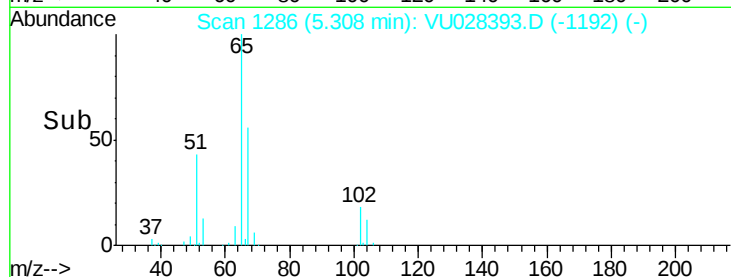
60000

40000

20000

0

Time--> 5.20 5.25 5.30 5.35 5.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. 0.00 min

Lab File: VU028393.D

Acq: 29 Nov 2018 15:00

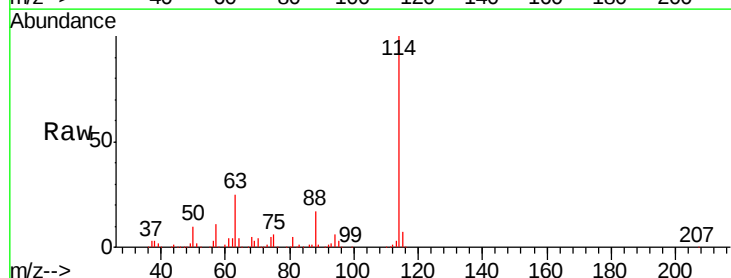
Tgt Ion: 114 Resp: 494075

Ion Ratio Lower Upper

114 100

63 24.8 0.0 50.0

88 17.2 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

5.89

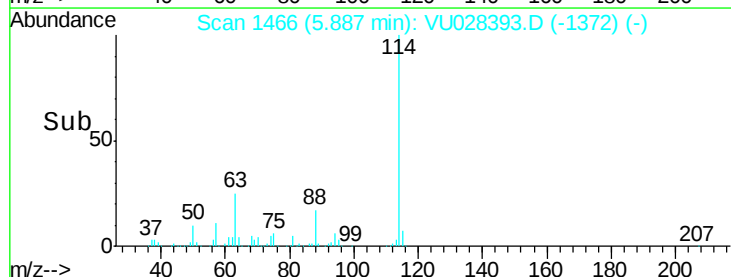
300000

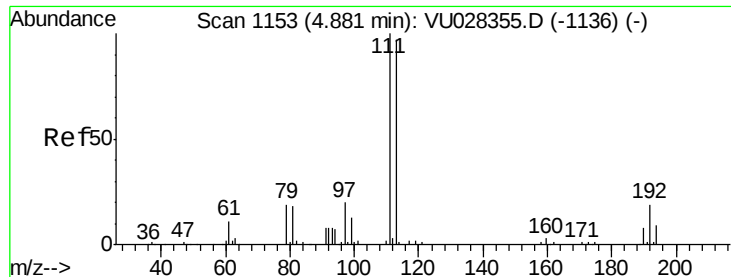
200000

100000

0

Time--> 5.80 5.90 6.00

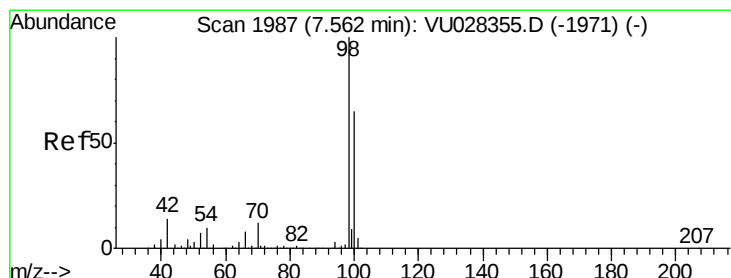
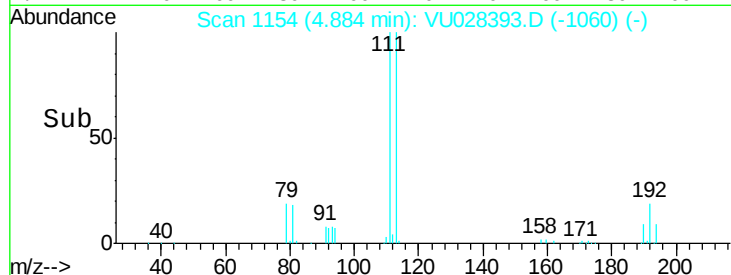
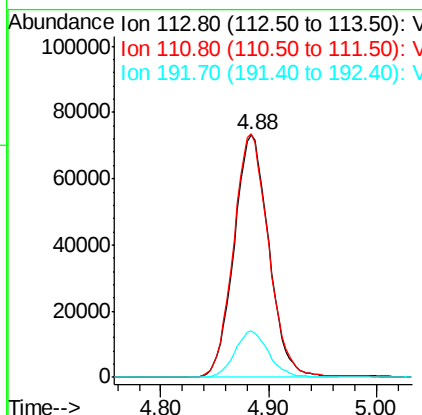
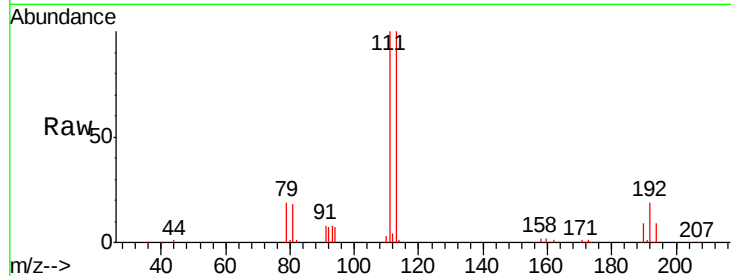




#35
 Dibromofluoromethane
 Concen: 50.128 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU028393.D
 Acq: 29 Nov 2018 15:00

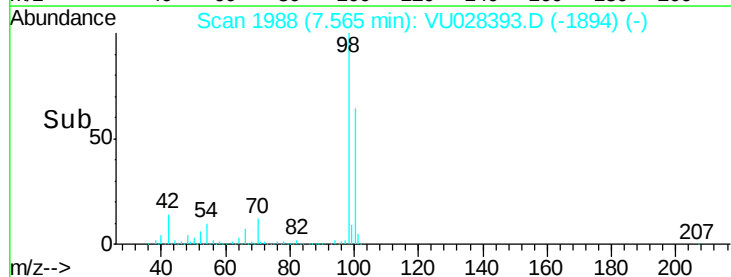
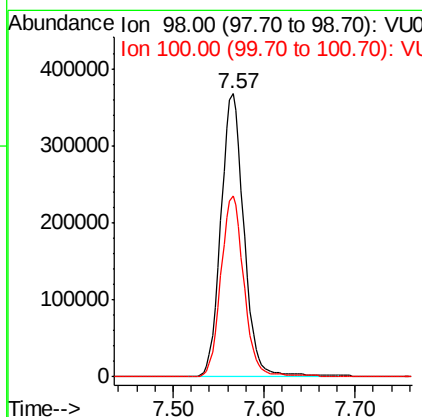
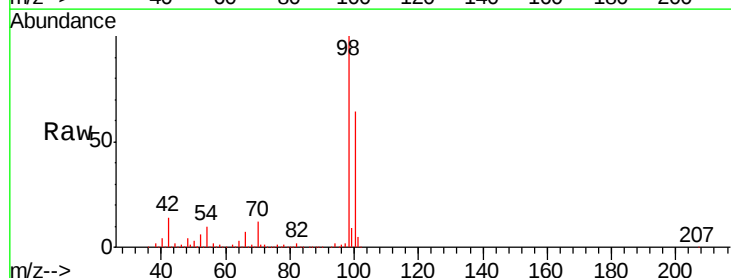
Instrument :
 MSVOA_U
 ClientSampleID :
 S32-0639DL

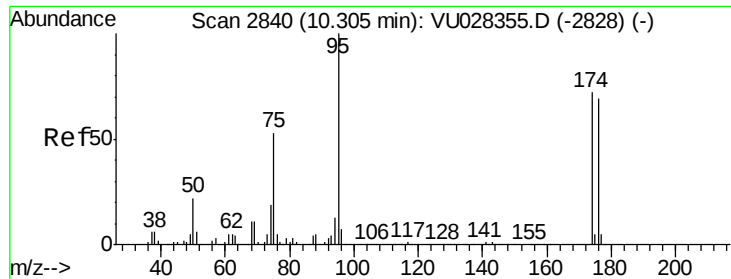
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.9	124.3
192	18.5	15.4	23.0



#50
 Toluene-d8
 Concen: 49.456 ug/l
 RT: 7.57 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VU028393.D
 Acq: 29 Nov 2018 15:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.8	76.2

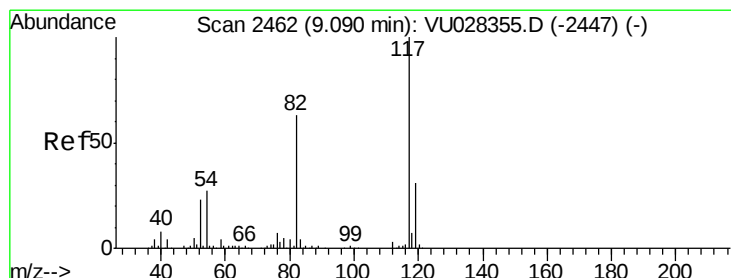
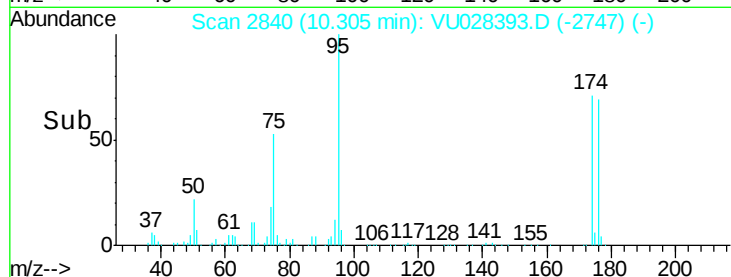
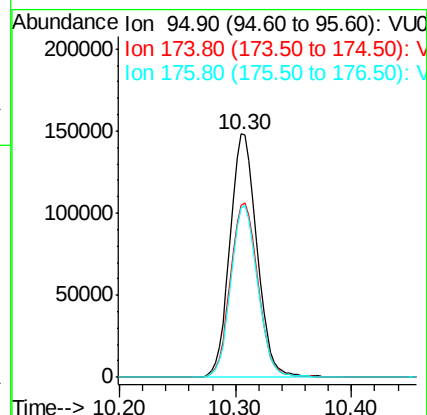
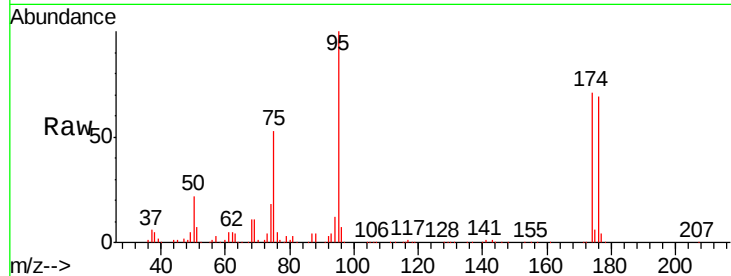




#62
4-Bromofluorobenzene
Concen: 50.256 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028393.D
Acq: 29 Nov 2018 15:00

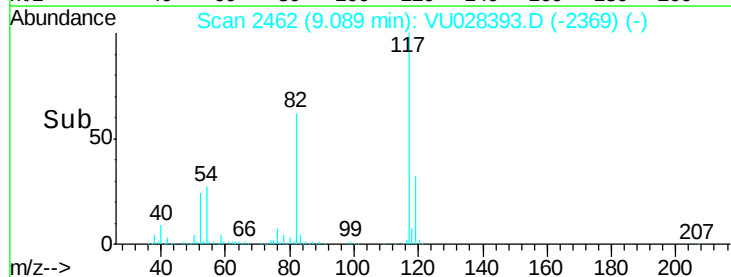
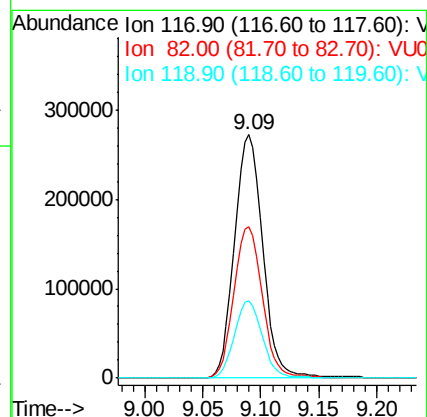
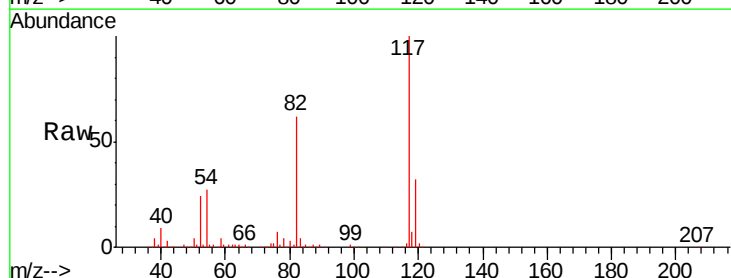
Instrument :
MSVOA_U
ClientSampled :
S32-0639DL

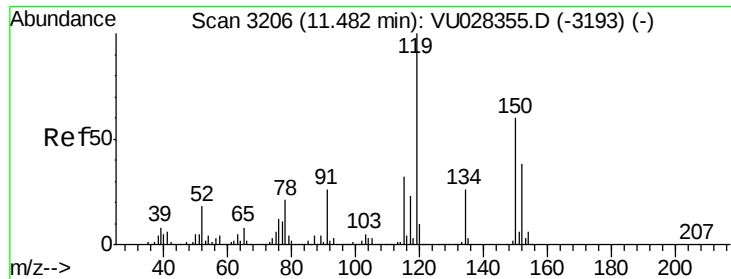
Tgt Ion: 95 Resp: 238000
Ion Ratio Lower Upper
95 100
174 72.8 0.0 145.4
176 70.2 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028393.D
Acq: 29 Nov 2018 15:00

Tgt Ion: 117 Resp: 459620
Ion Ratio Lower Upper
117 100
82 62.4 50.3 75.5
119 31.6 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: VU028393.D

Acq: 29 Nov 2018 15:00

Instrument :

MSVOA_U

ClientSampleId :

S32-0639DL

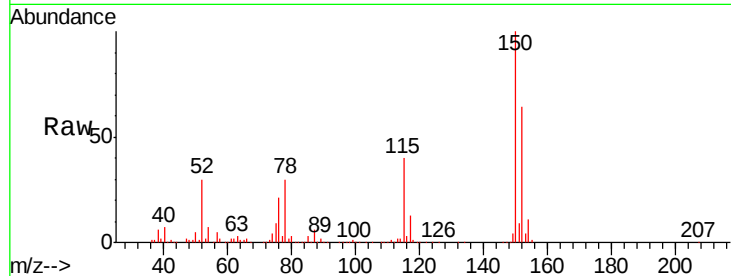
Tgt Ion:152 Resp: 213255

Ion Ratio Lower Upper

152 100

115 62.9 45.0 134.8

150 159.9 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

