

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121918\
 Data File : VU028790.D
 Acq On : 19 Dec 2018 13:44
 Operator : MD/SY
 Sample : J6474-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S49-0493

Quant Time: Dec 20 06:03:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

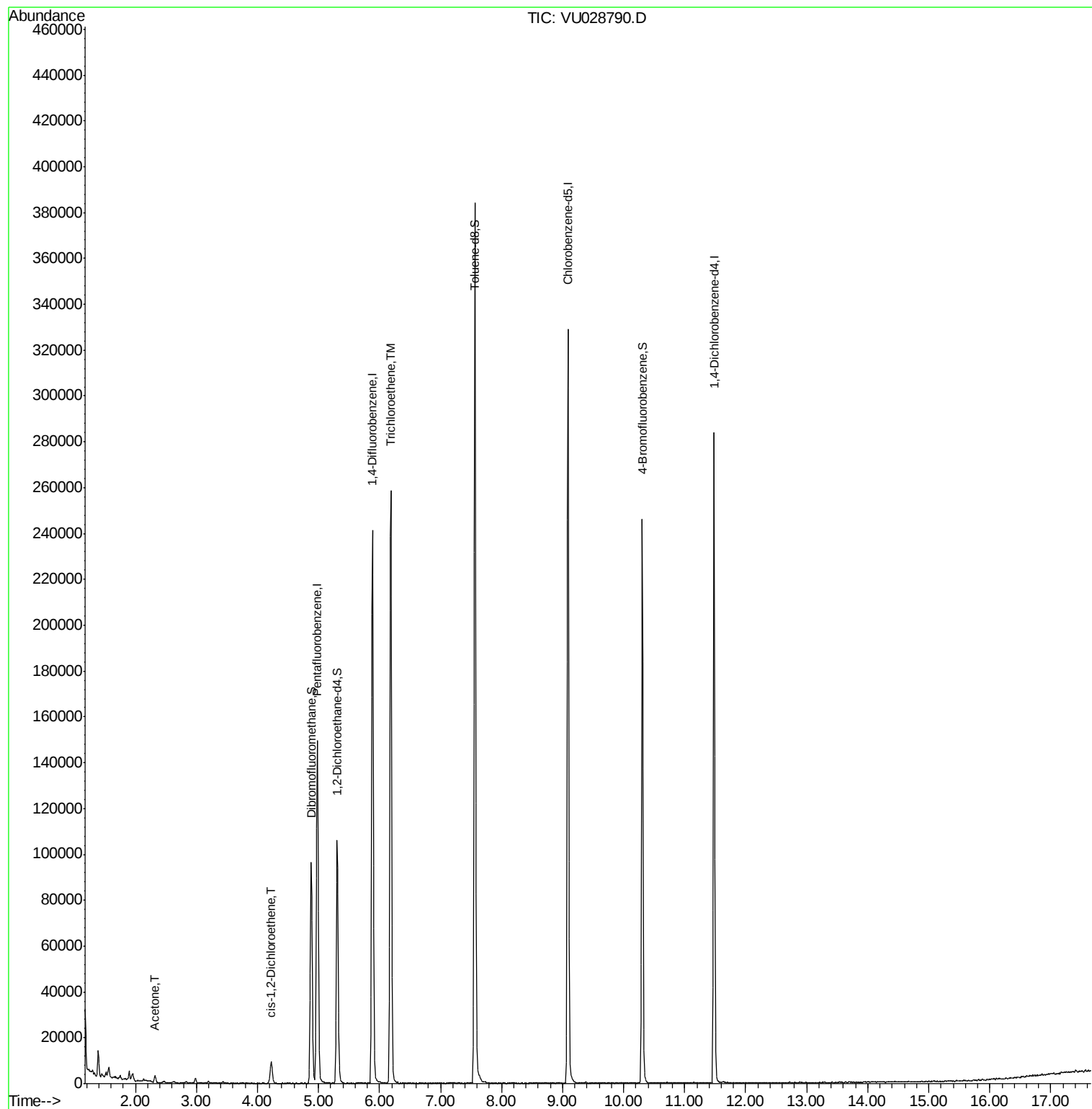
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	122871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	211856	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	190151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	76626	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	81366	43.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.78%	
35) Dibromofluoromethane	4.88	113	69246	51.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.88%	
50) Toluene-d8	7.56	98	266016	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	10.30	95	84996	43.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.24%	
Target Compounds						
16) Acetone	2.32	43	3786	3.094	ug/l	96
27) cis-1,2-Dichloroethene	4.23	96	5583	3.202	ug/l	78
44) Trichloroethene	6.18	130	92451	60.896	ug/l	89

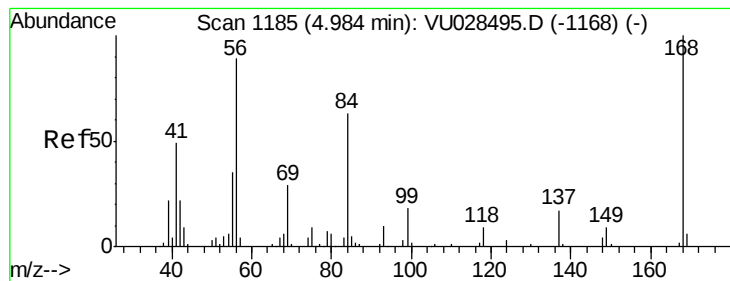
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028790.D

Acq: 19 Dec 2018 13:44

Instrument :

MSVOA_U

ClientSampleId :

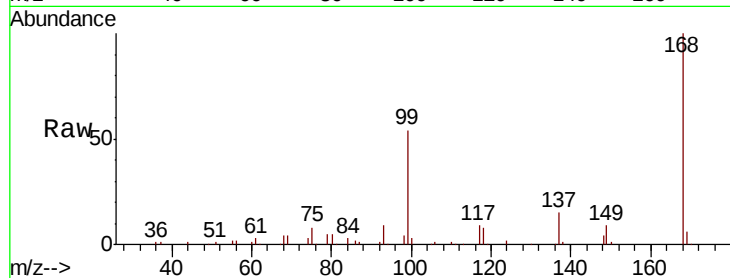
S49-0493

Tot Ion:168 Resp: 122871

Ion Ratio Lower Upper

168 100

99 53.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D

Ion 98.90 (98.60 to 99.60): VU028495.D

4.98

60000

50000

40000

30000

20000

10000

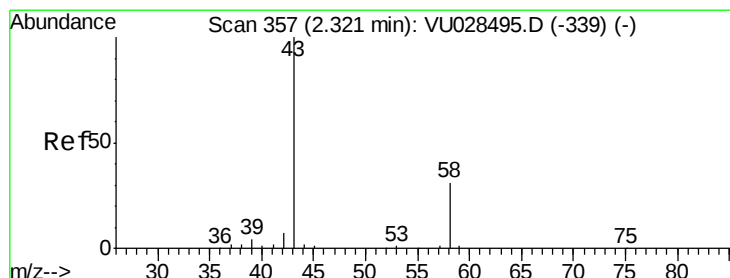
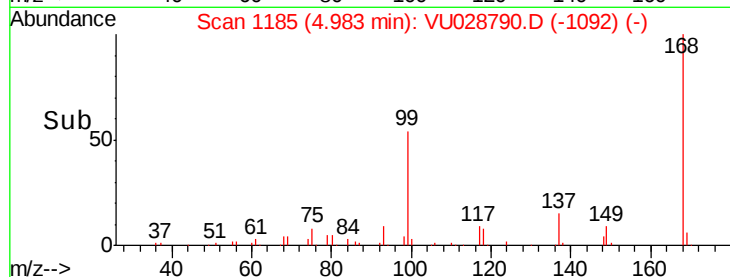
0

4.90

5.00

5.10

Time-->



#16

Acetone

Concen: 3.094 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028790.D

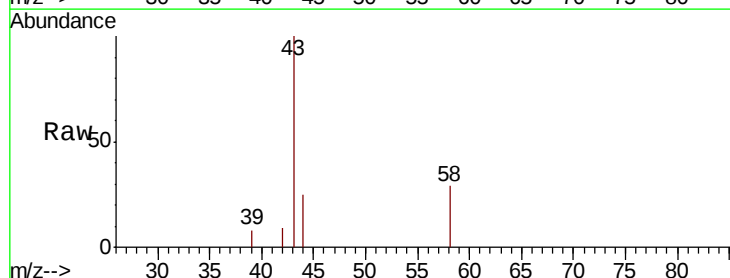
Acq: 19 Dec 2018 13:44

Tgt Ion: 43 Resp: 3786

Ion Ratio Lower Upper

43 100

58 28.6 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU028495.D

Ion 58.00 (57.70 to 58.70): VU028495.D

2.32

2500

2000

1500

1000

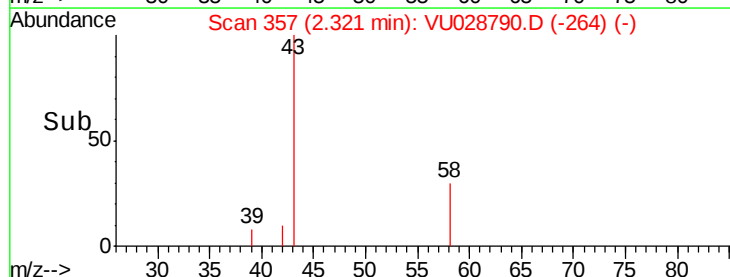
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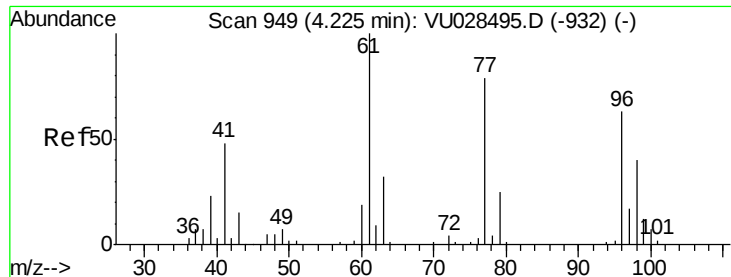
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2.30

2.35

Time-->



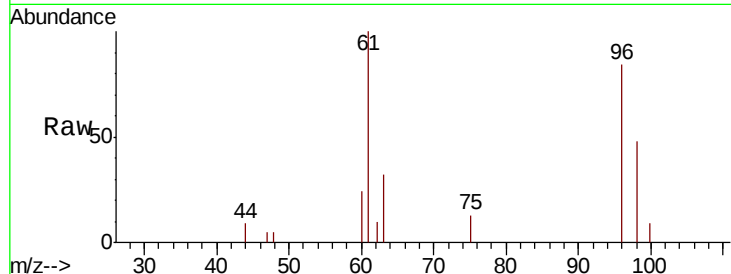


#27

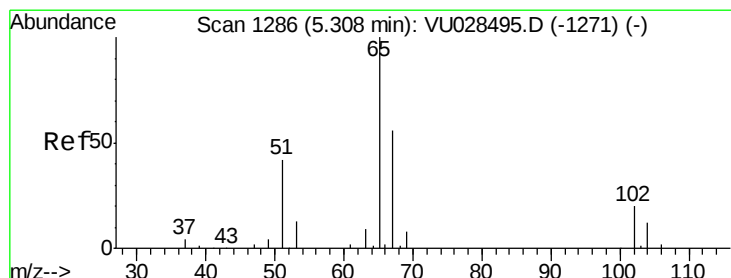
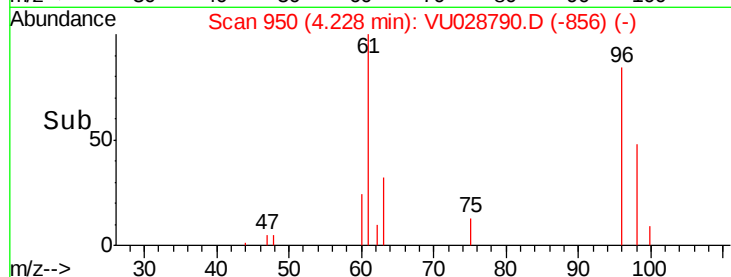
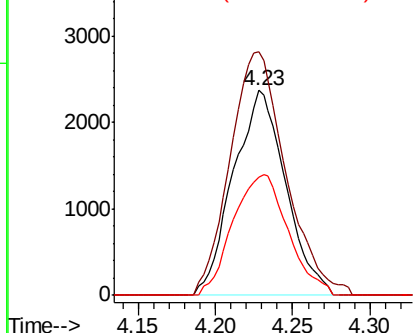
cis-1,2-Dichloroethene
 Concen: 3.202 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: VU028790.D
 Acq: 19 Dec 2018 13:44

Instrument :
 MSVOA_U
 ClientSampleId :
 S49-0493

Tot Ion: 96 Resp: 5583
 Ion Ratio Lower Upper
 96 100
 61 126.3 0.0 332.4
 98 62.0 0.0 129.0



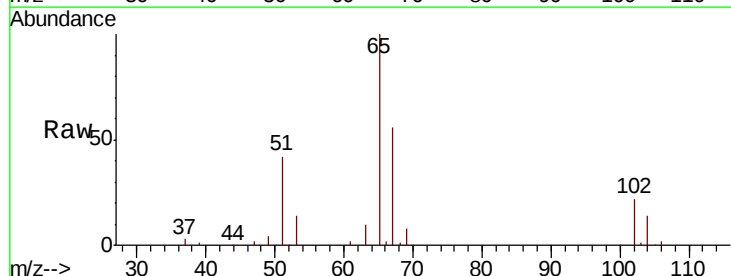
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



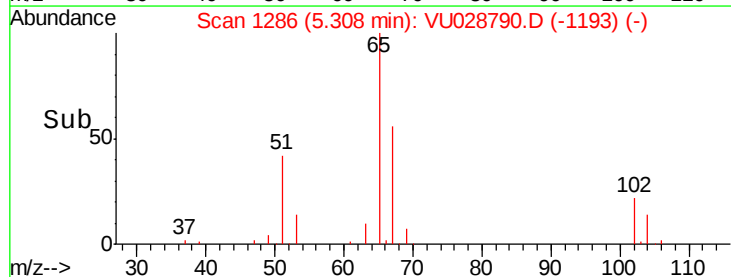
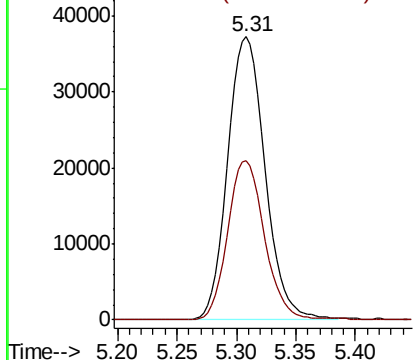
#33

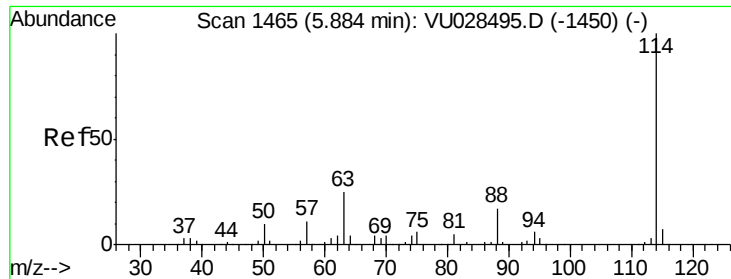
1,2-Dichloroethane-d4
 Concen: 43.393 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028790.D
 Acq: 19 Dec 2018 13:44

Tgt Ion: 65 Resp: 81366
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU0
 Ion 66.90 (66.60 to 67.60): VU0

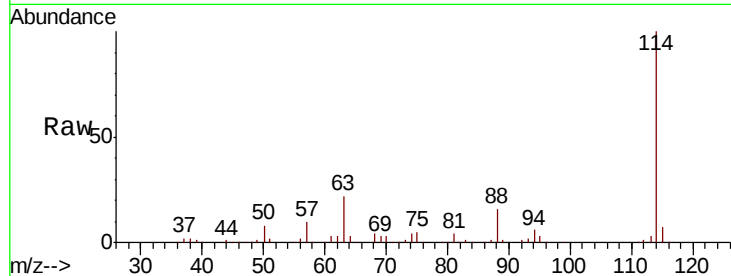




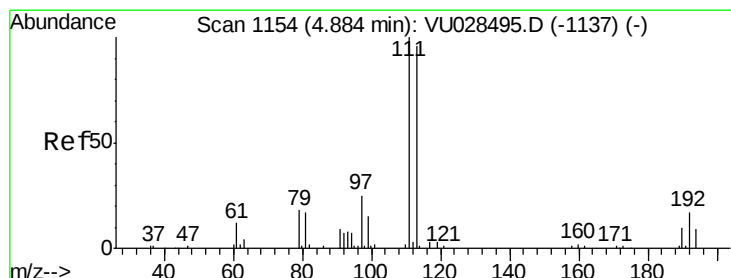
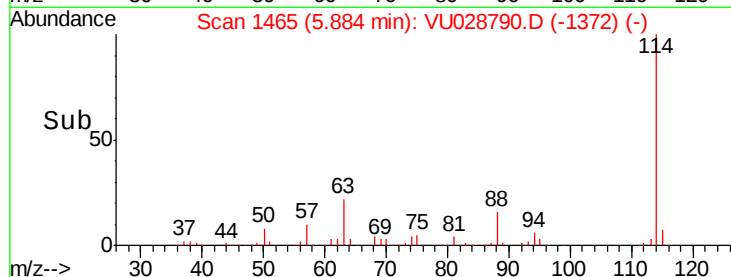
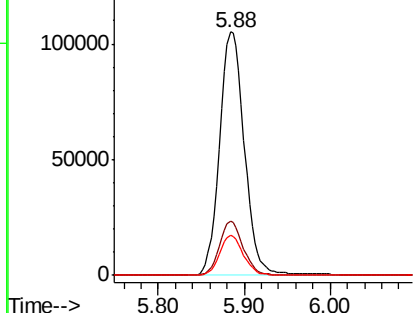
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028790.D
 Acq: 19 Dec 2018 13:44

Instrument :
 MSVOA_U
 ClientSampleId :
 S49-0493

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	49.2
88	16.3	0.0	33.4

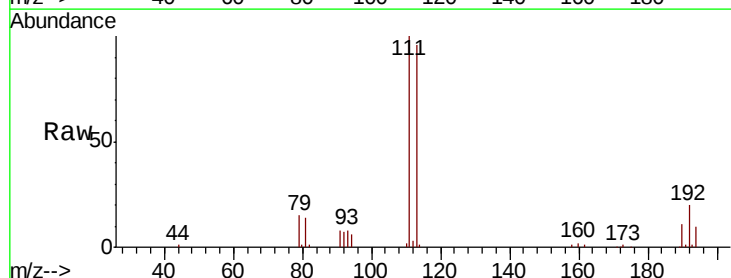


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

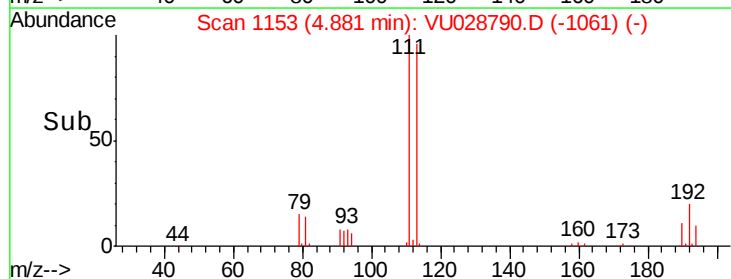
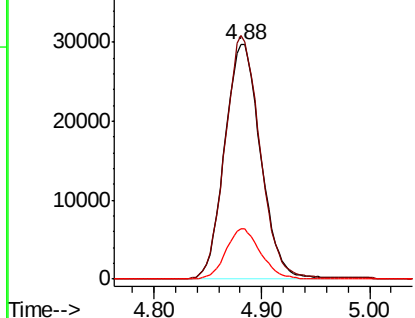


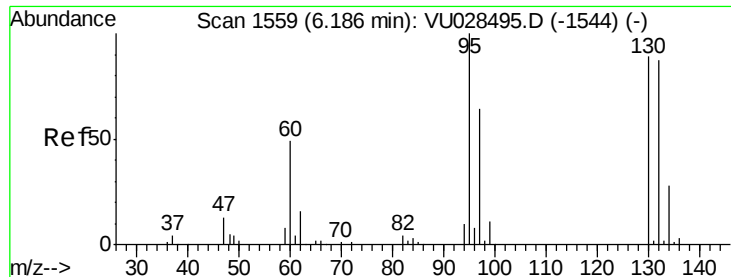
#35
 Dibromofluoromethane
 Concen: 51.939 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028790.D
 Acq: 19 Dec 2018 13:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.8	83.4	125.0
192	20.4	14.8	22.2



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





#44

Trichloroethene

Concen: 60.896 ug/l

RT: 6.18 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VU028790.D

Acq: 19 Dec 2018 13:44

Instrument :

MSVOA_U

ClientSampleId :

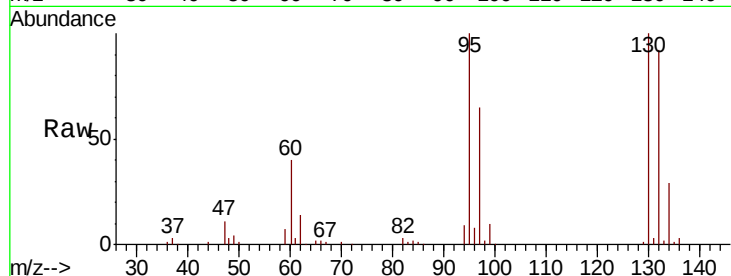
S49-0493

Tot Ion:130 Resp: 92451

Ion Ratio Lower Upper

130 100

95 99.9 0.0 224.0



Abundance Ion 129.80 (129.50 to 130.50): VU028495.D (-1544) (-)

Ion 94.90 (94.60 to 95.60): VU028495.D (-1544) (-)

6.18

50000

40000

30000

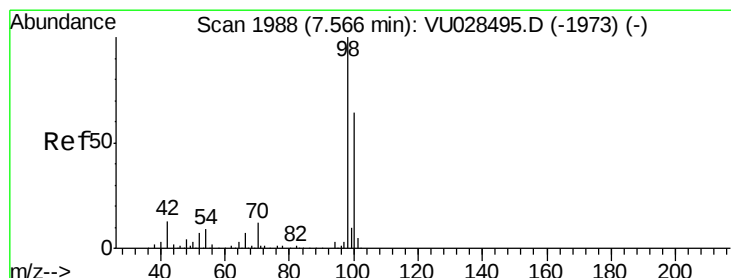
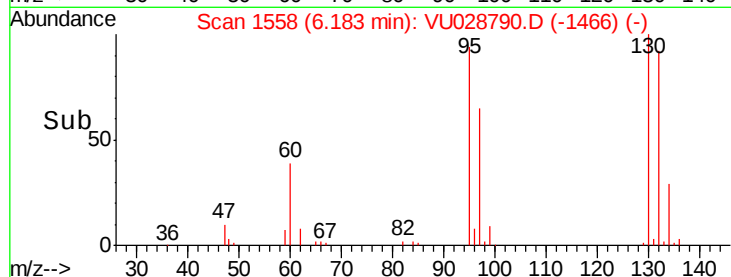
20000

10000

0

6.10 6.15 6.20 6.25 6.30

Time-->



#50

Toluene-d8

Concen: 50.439 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028790.D

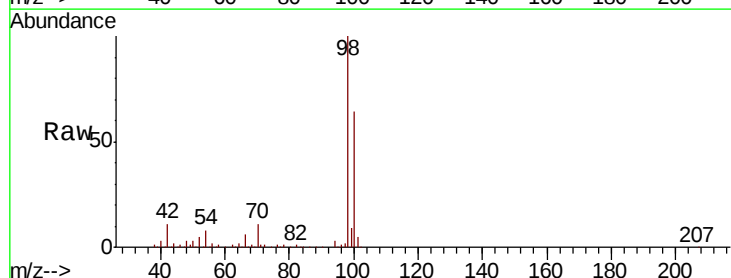
Acq: 19 Dec 2018 13:44

Tgt Ion: 98 Resp: 266016

Ion Ratio Lower Upper

98 100

100 63.9 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028495.D (-1973) (-)

7.56

150000

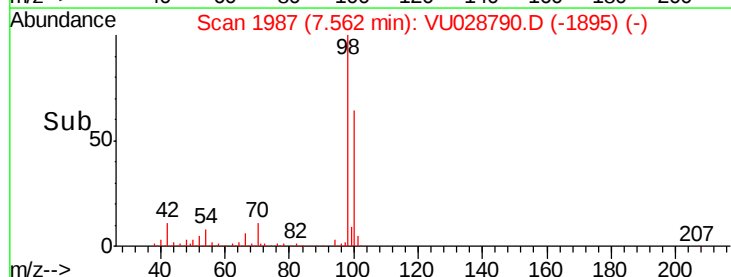
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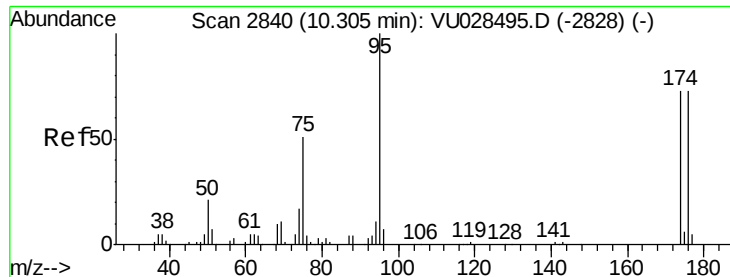
50000

0

7.50 7.55 7.60 7.65 7.70

Time-->

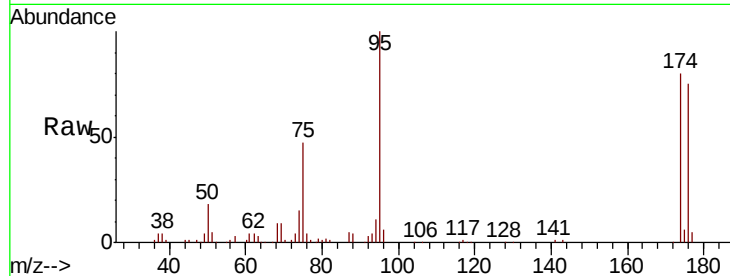




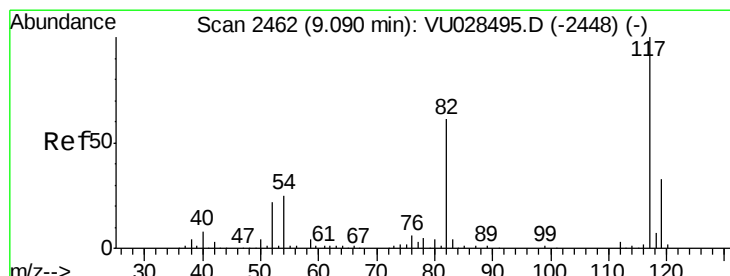
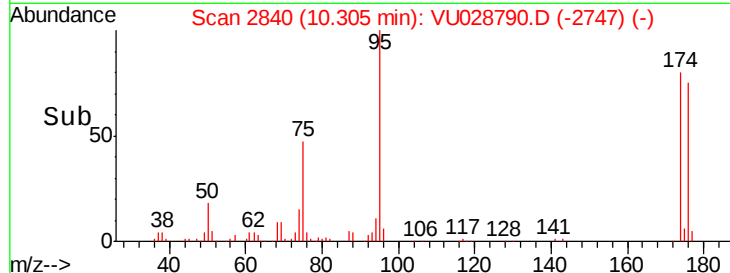
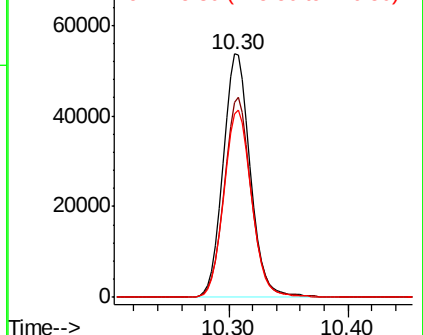
#62
4-Bromofluorobenzene
Concen: 43.118 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028790.D
Acq: 19 Dec 2018 13:44

Instrument :
MSVOA_U
ClientSampleId :
S49-0493

Tot Ion: 95 Resp: 84996
Ion Ratio Lower Upper
95 100
174 82.0 0.0 150.4
176 78.6 0.0 145.2

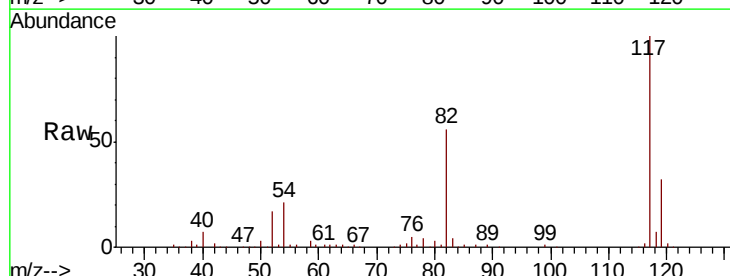


Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)
Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)
Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)

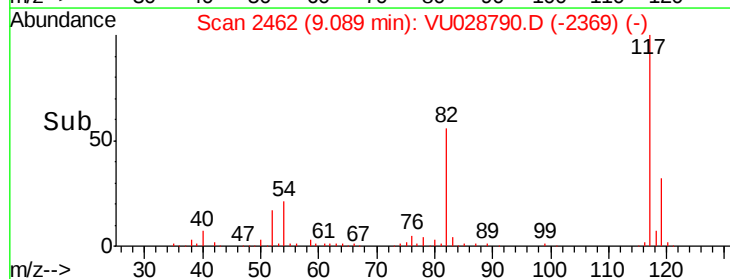
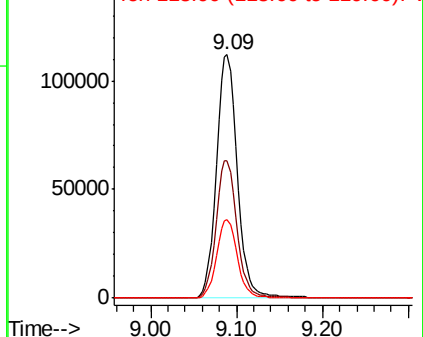


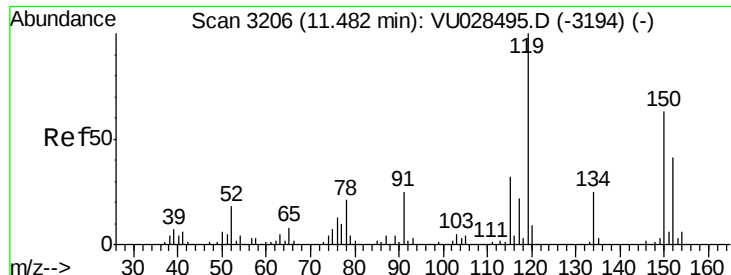
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028790.D
Acq: 19 Dec 2018 13:44

Tgt Ion: 117 Resp: 190151
Ion Ratio Lower Upper
117 100
82 56.5 48.9 73.3
119 32.4 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): VU028495.D (-2448) (-)
Ion 82.00 (81.70 to 82.70): VU028495.D (-2448) (-)
Ion 118.90 (118.60 to 119.60): VU028495.D (-2448) (-)





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. -0.00 min
 Lab File: VU028790.D
 Acq: 19 Dec 2018 13:44

Instrument :
 MSVOA_U
 ClientSampleId :
 S49-0493

Tot Ion:152 Resp: 76626
 Ion Ratio Lower Upper
 152 100
 115 56.8 42.7 128.1
 150 156.2 0.0 346.0

