

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121918\
 Data File : VU028787.D
 Acq On : 19 Dec 2018 12:31
 Operator : MD/SY
 Sample : J6474-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S49-EB-2018-2

Quant Time: Dec 20 05:57:28 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

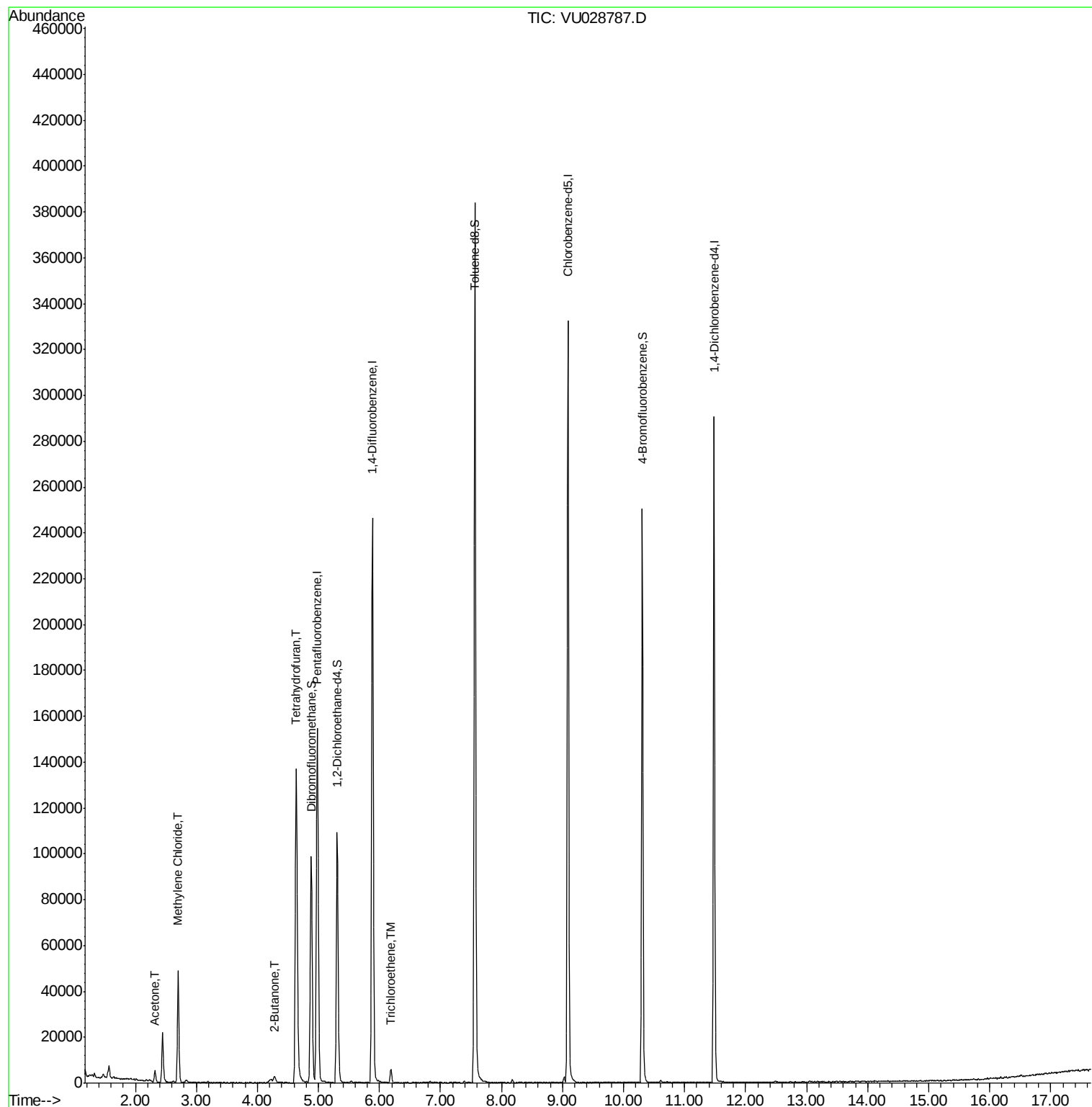
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	126020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	213887	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	190795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	78057	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	83035	43.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.36%	
35) Dibromofluoromethane	4.88	113	68691	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
50) Toluene-d8	7.57	98	267233	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	10.30	95	84532	42.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.96%	
Target Compounds						
16) Acetone	2.32	43	5646	4.499	ug/l	98
20) Methylene Chloride	2.70	84	21605	11.679	ug/l	87
25) 2-Butanone	4.28	43	5521	3.219	ug/l	92
29) Tetrahydrofuran	4.64	42	105286	95.589	ug/l	90
44) Trichloroethene	6.19	130	2245	1.465	ug/l	82

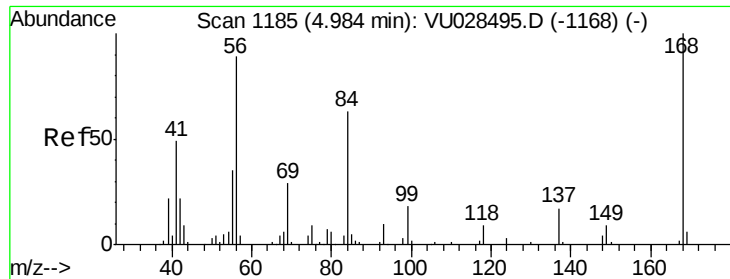
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028787.D

Acq: 19 Dec 2018 12:31

Instrument :

MSVOA_U

ClientSampleId :

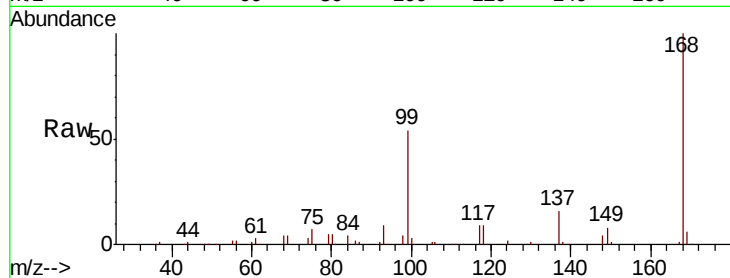
S49-EB-2018-2

Tot Ion:168 Resp: 126020

Ion Ratio Lower Upper

168 100

99 54.5 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

60000

50000

40000

30000

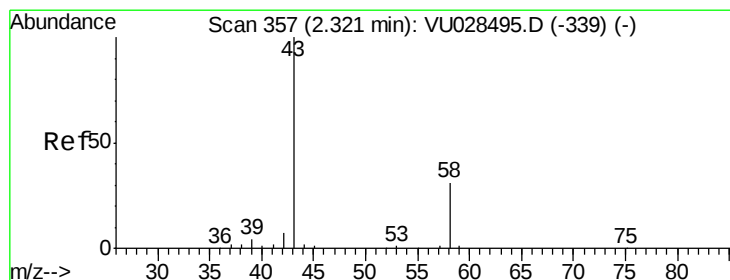
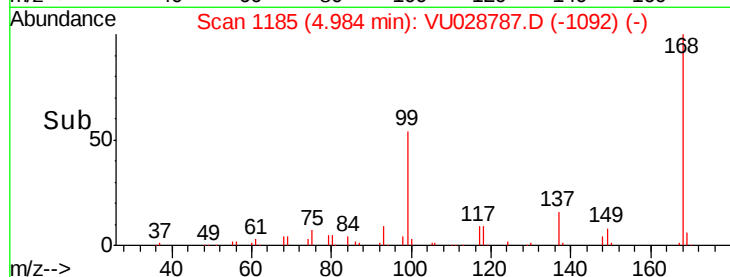
20000

10000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 4.499 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028787.D

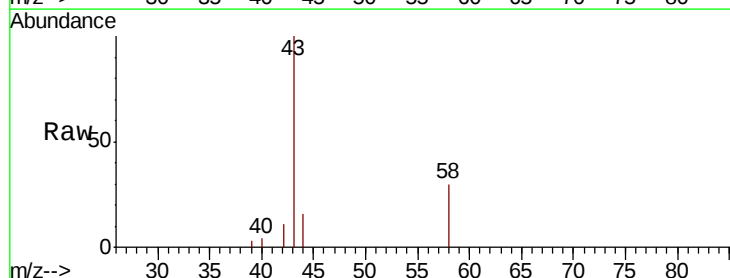
Acq: 19 Dec 2018 12:31

Tgt Ion: 43 Resp: 5646

Ion Ratio Lower Upper

43 100

58 29.6 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU028495.D (-339) (-)

Ion 58.00 (57.70 to 58.70): VU028495.D (-339) (-)

2.32

4000

3000

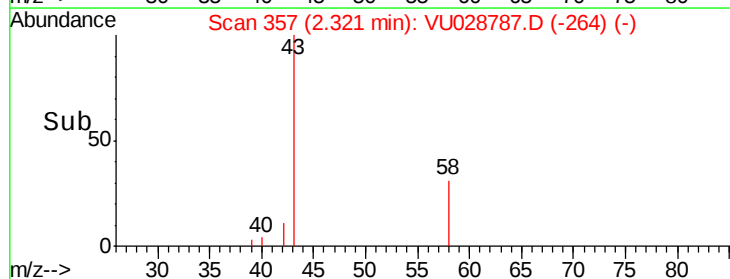
2000

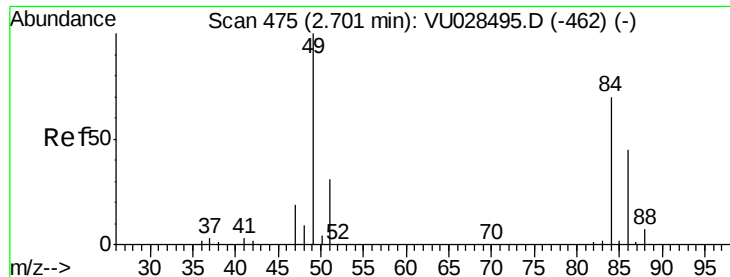
1000

0

2.25 2.30 2.35

Time-->

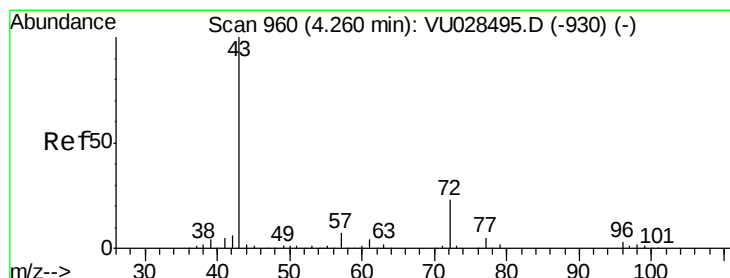
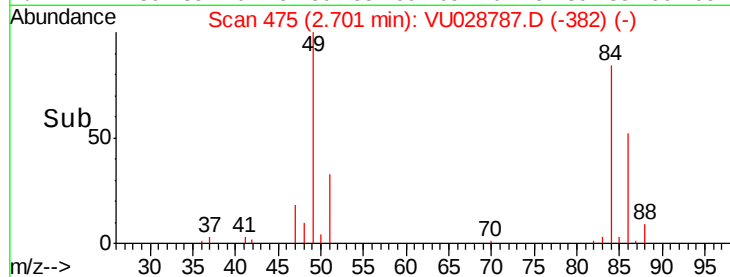
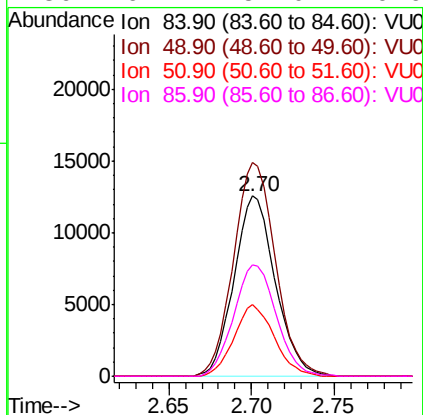
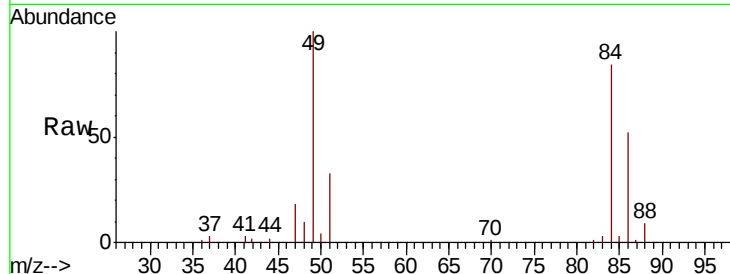




#20
Methvlene Chloride
Concen: 11.679 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU028787.D
Acq: 19 Dec 2018 12:31

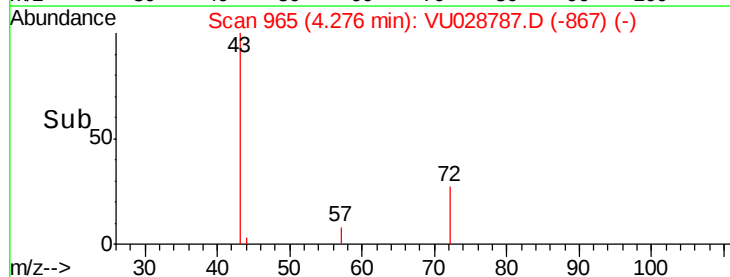
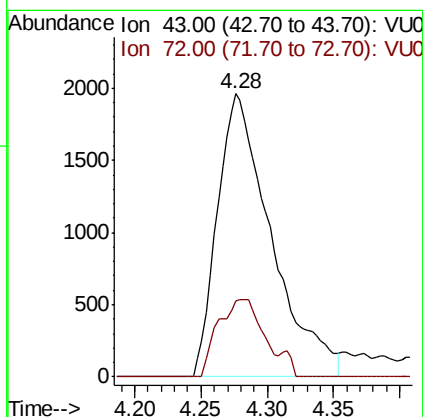
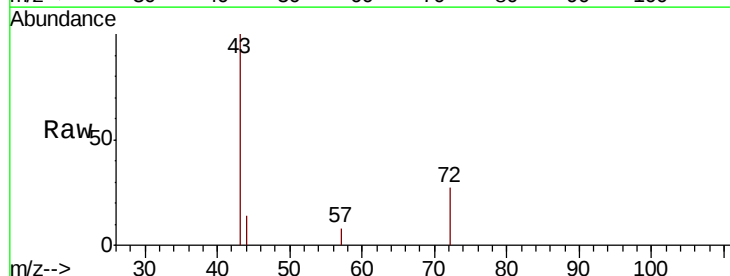
Instrument :
MSVOA_U
ClientSampleId :
S49-EB-2018-2

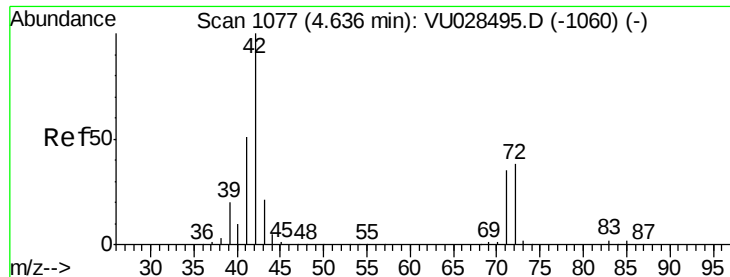
Tot Ion: 84 Resp: 21605
Ion Ratio Lower Upper
84 100
49 118.6 114.0 171.0
51 39.6 35.1 52.7
86 62.1 51.0 76.6



#25
2-Butanone
Concen: 3.219 ug/l
RT: 4.28 min Scan# 965
Delta R.T. 0.02 min
Lab File: VU028787.D
Acq: 19 Dec 2018 12:31

Tgt Ion: 43 Resp: 5521
Ion Ratio Lower Upper
43 100
72 27.1 18.6 28.0





#29

Tetrahydrofuran

Concen: 95.589 ug/l

RT: 4.64 min Scan# 1077

Delta R.T. -0.00 min

Lab File: VU028787.D

Acq: 19 Dec 2018 12:31

Instrument :

MSVOA_U

ClientSampleId :

S49-EB-2018-2

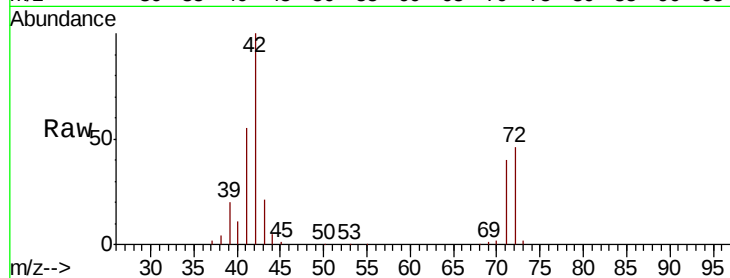
Tot Ion: 42 Resp: 105286

Ion Ratio Lower Upper

42 100

72 44.4 31.4 47.0

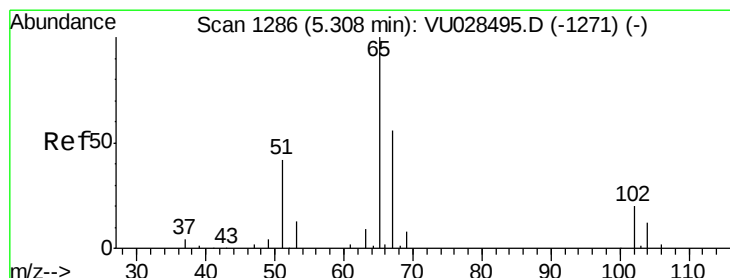
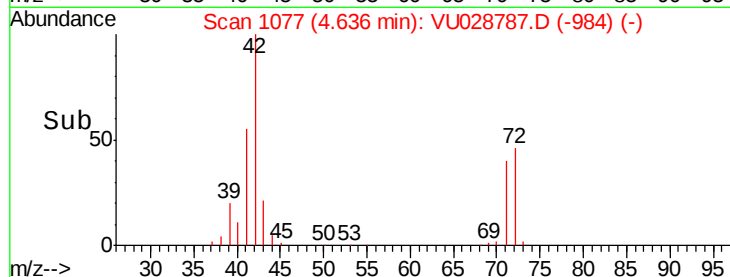
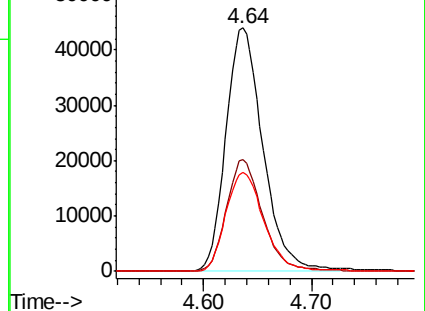
71 42.0 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#33

1,2-Dichloroethane-d4

Concen: 43.177 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028787.D

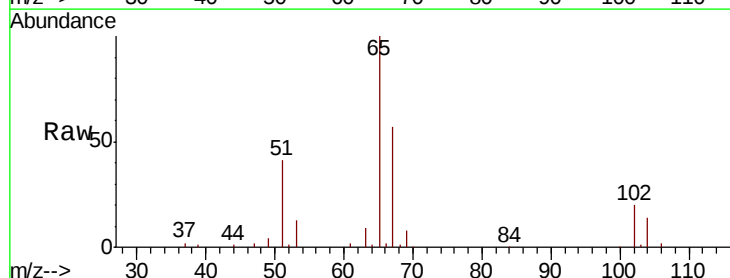
Acq: 19 Dec 2018 12:31

Tgt Ion: 65 Resp: 83035

Ion Ratio Lower Upper

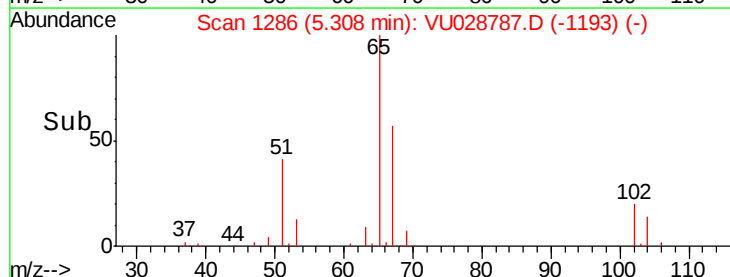
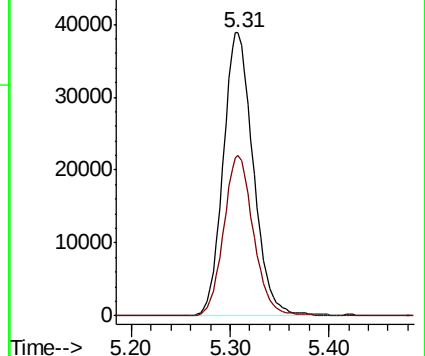
65 100

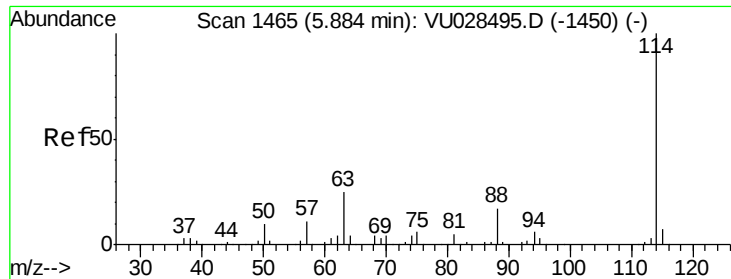
67 55.9 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

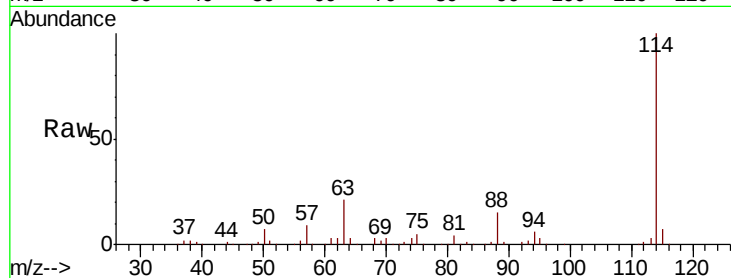




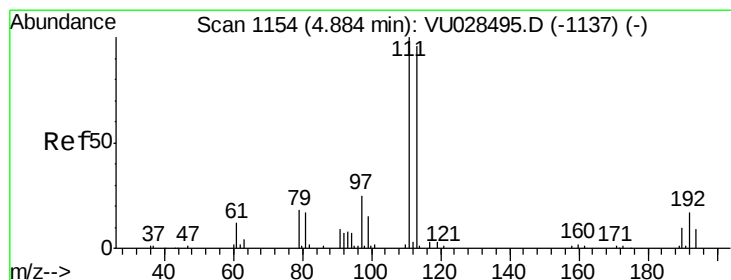
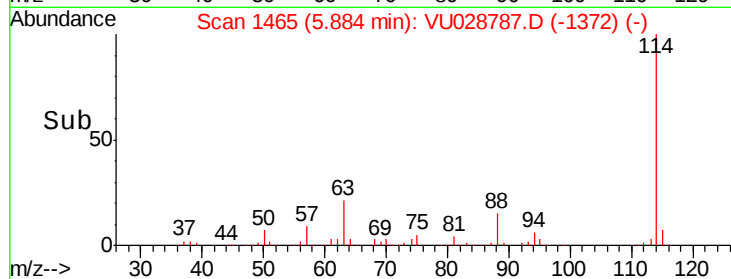
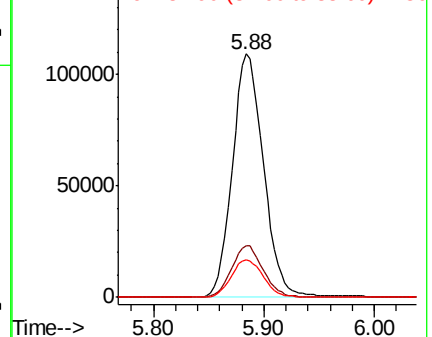
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028787.D
 Acq: 19 Dec 2018 12:31

Instrument :
 MSVOA_U
 ClientSampleId :
 S49-EB-2018-2

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	49.2
88	15.4	0.0	33.4

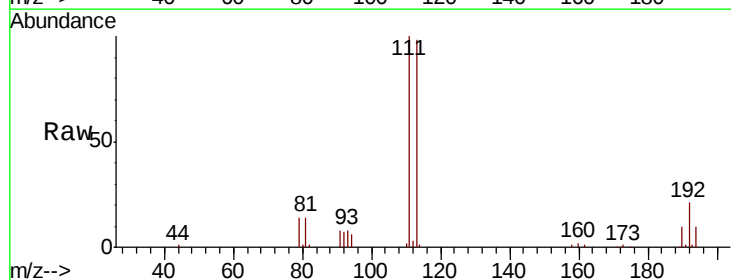


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

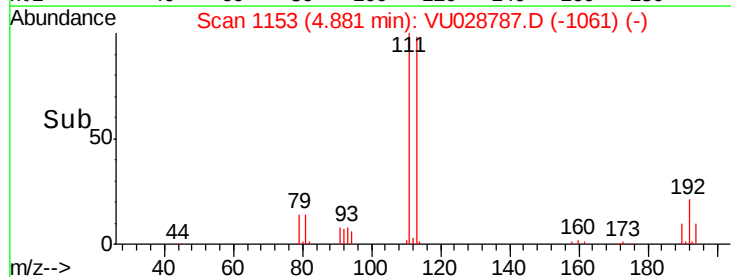
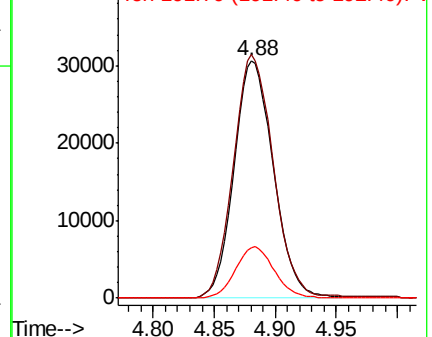


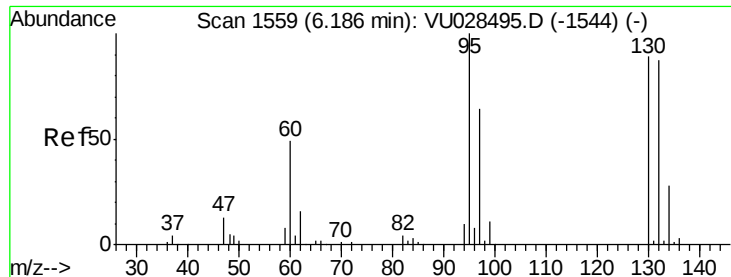
#35
 Dibromofluoromethane
 Concen: 51.033 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028787.D
 Acq: 19 Dec 2018 12:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.4	125.0
192	21.2	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: 1.465 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU028787.D

Acq: 19 Dec 2018 12:31

Instrument :

MSVOA_U

ClientSampleId :

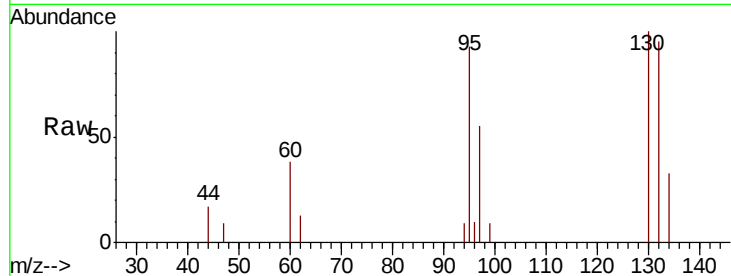
S49-EB-2018-2

Tot Ion:130 Resp: 2245

Ion Ratio Lower Upper

130 100

95 92.6 0.0 224.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU

6.19

1500

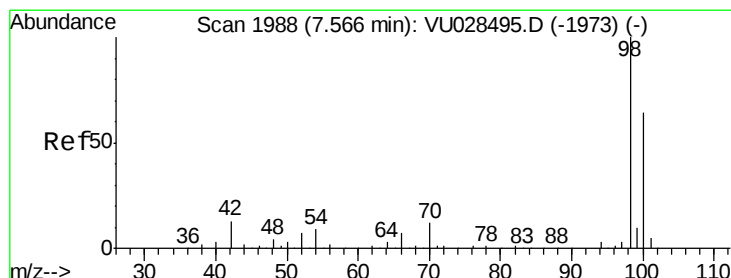
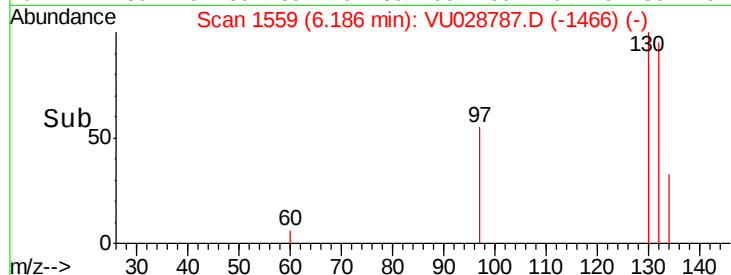
1000

500

0

6.15 6.20

Time-->



#50

Toluene-d8

Concen: 50.189 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028787.D

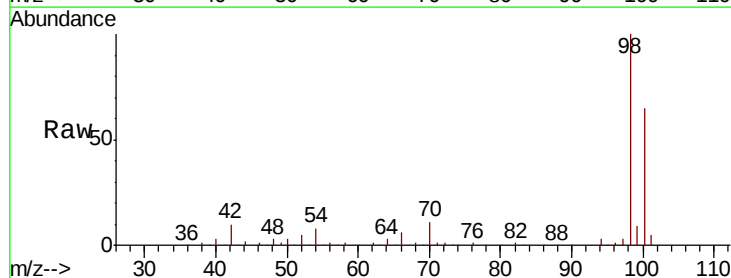
Acq: 19 Dec 2018 12:31

Tgt Ion: 98 Resp: 267233

Ion Ratio Lower Upper

98 100

100 64.4 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU

Ion 100.00 (99.70 to 100.70): VU

7.57

150000

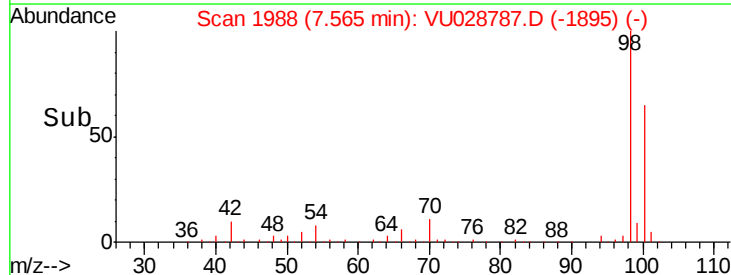
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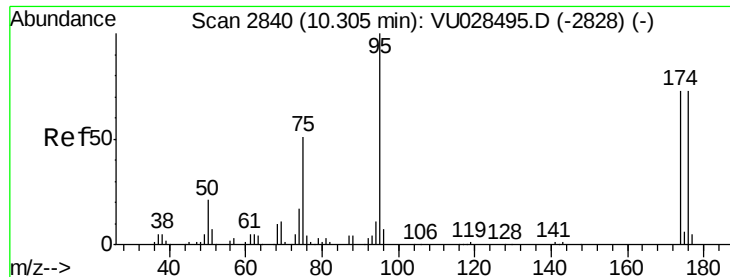
50000

0

7.50 7.60 7.70

Time-->

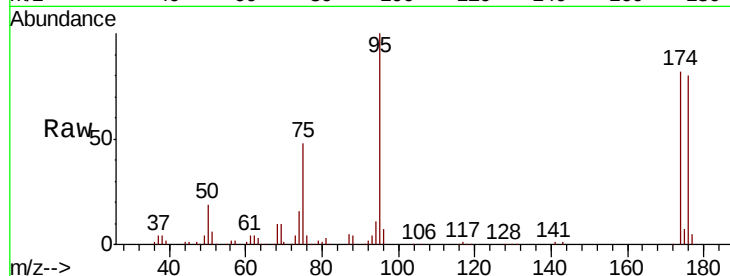




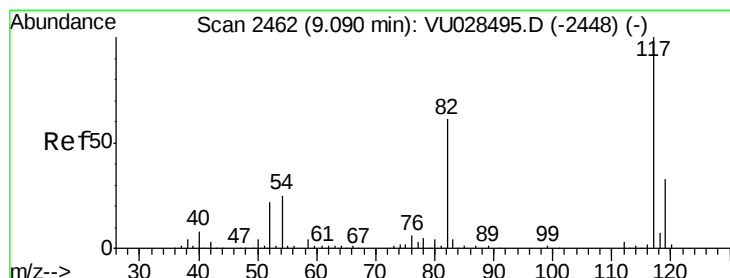
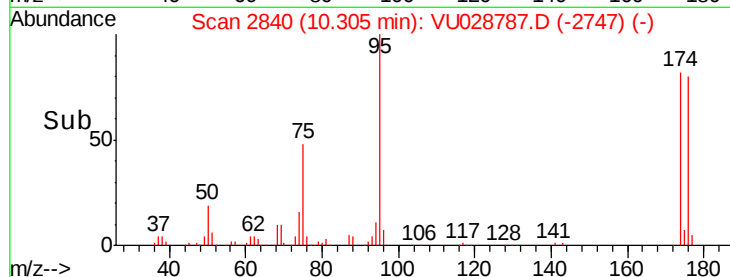
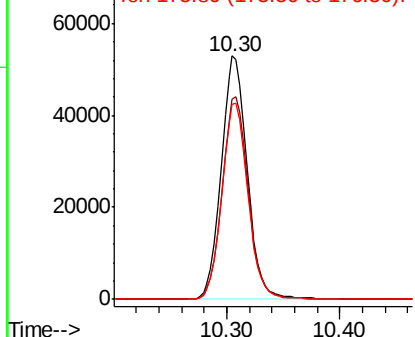
#62
4-Bromofluorobenzene
Concen: 42.476 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028787.D
Acq: 19 Dec 2018 12:31

Instrument :
MSVOA_U
ClientSampleId :
S49-EB-2018-2

Tot Ion: 95 Resp: 84532
Ion Ratio Lower Upper
95 100
174 83.7 0.0 150.4
176 80.7 0.0 145.2

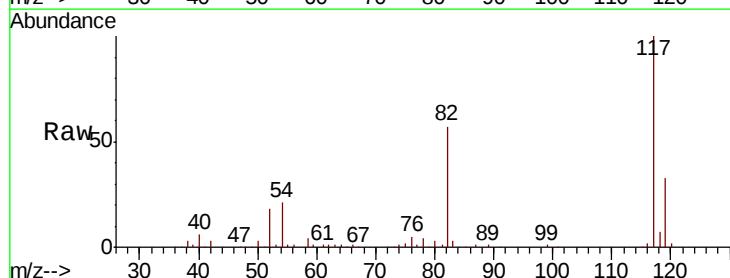


Abundance Ion 94.90 (94.60 to 95.60): VU
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

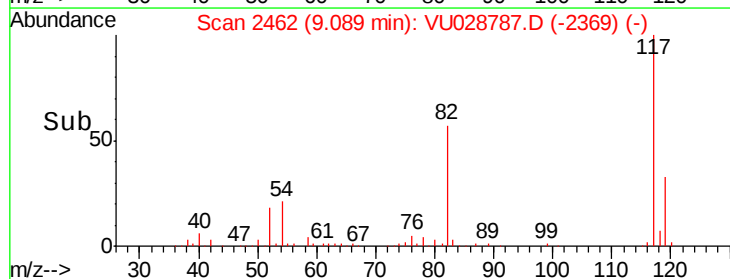
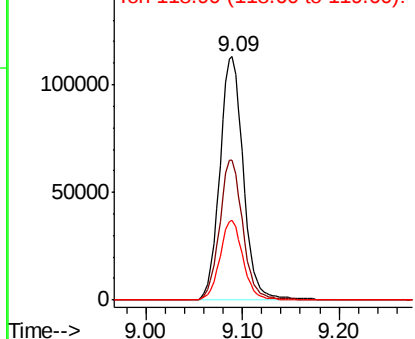


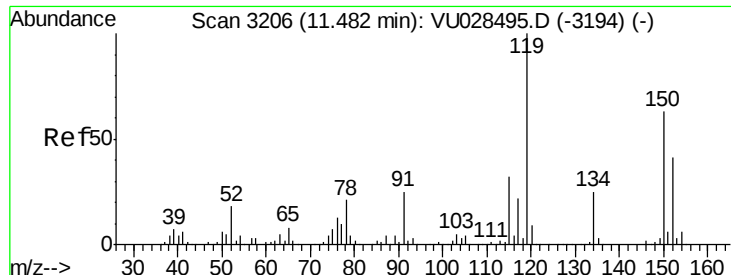
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028787.D
Acq: 19 Dec 2018 12:31

Tgt Ion: 117 Resp: 190795
Ion Ratio Lower Upper
117 100
82 57.3 48.9 73.3
119 32.6 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU
Ion 118.90 (118.60 to 119.60): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. -0.00 min
 Lab File: VU028787.D
 Acq: 19 Dec 2018 12:31

Instrument :
 MSVOA_U
 ClientSampleId :
 S49-EB-2018-2

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.1	42.7	128.1
150	155.0	0.0	346.0

