

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082819\
 Data File : VU033991.D
 Acq On : 27 Aug 2019 22:41
 Operator : JC/SP
 Sample : K4516-28
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T1-S-E-(0)

Quant Time: Aug 28 08:43:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 28 02:42:03 2019
 Response via : Initial Calibration

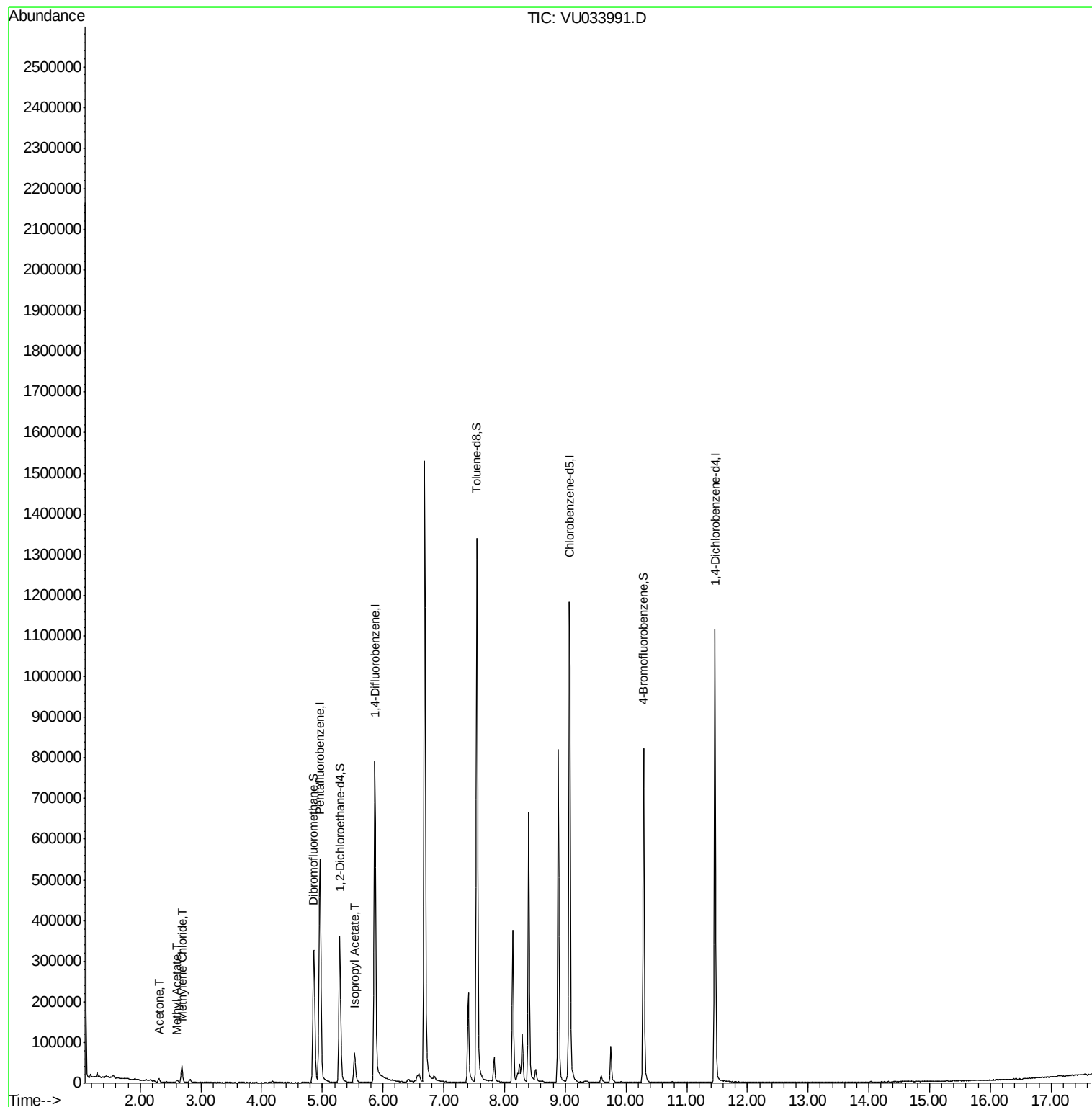
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	435448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	698233	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	679084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	297212	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	282685	58.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.86%	
35) Dibromofluoromethane	4.86	113	231596	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
50) Toluene-d8	7.55	98	921810	53.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.50%	
62) 4-Bromofluorobenzene	10.29	95	278811	41.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.96%	
Target Compounds						
16) Acetone	2.31	43	8797	3.799	ug/l	99
18) Methyl Acetate	2.61	43	8709	1.527	ug/l	91
20) Methylene Chloride	2.69	84	17781	3.619	ug/l #	86
43) Isopropyl Acetate	5.53	43	85745	8.718	ug/l	96

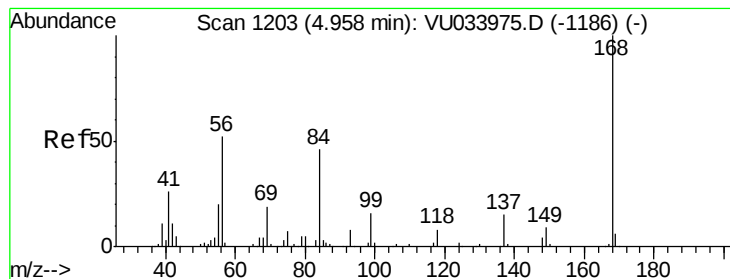
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 28 02:42:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU033991.D

Acq: 27 Aug 2019 22:41

Instrument :

MSVOA_U

ClientSampleId :

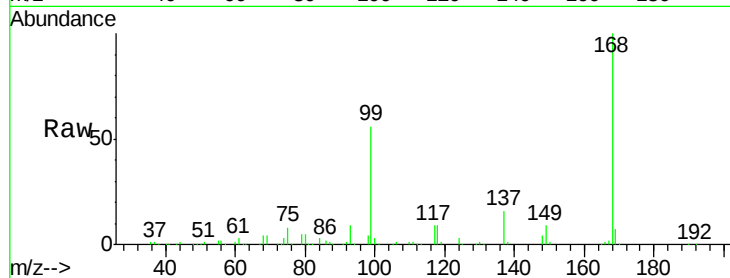
T1-S-E-(0)

Tot Ion:168 Resp: 435448

Ion Ratio Lower Upper

168 100

99 56.1 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VU033991.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU033991.D (-1186) (-)

4.96

200000

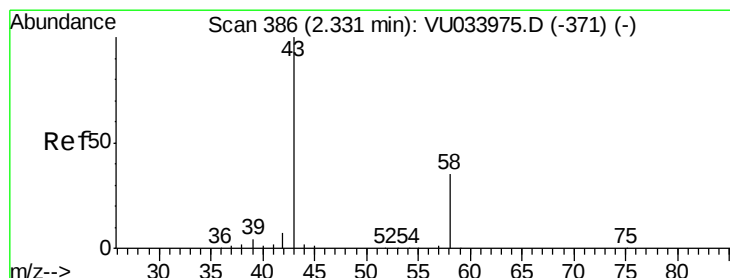
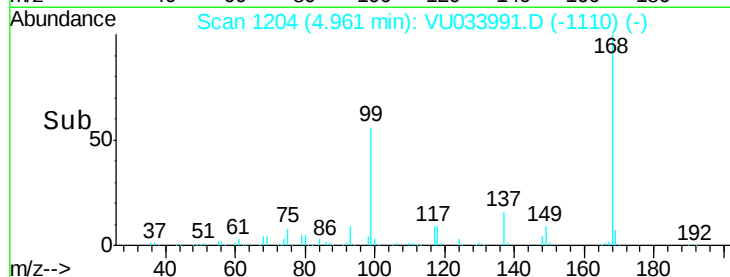
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.799 ug/l

RT: 2.31 min Scan# 380

Delta R.T. -0.02 min

Lab File: VU033991.D

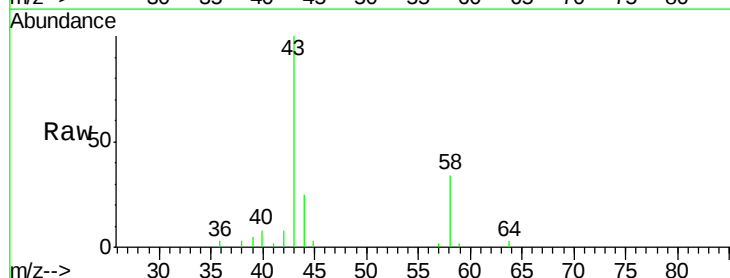
Acq: 27 Aug 2019 22:41

Tgt Ion: 43 Resp: 8797

Ion Ratio Lower Upper

43 100

58 35.3 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VU033991.D (-293) (-)

Ion 58.00 (57.70 to 58.70): VU033991.D (-293) (-)

2.31

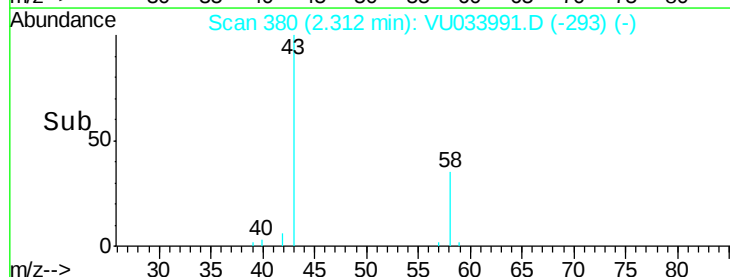
6000

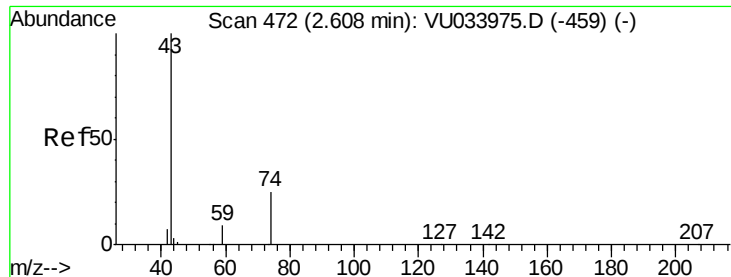
4000

2000

0

Time-->

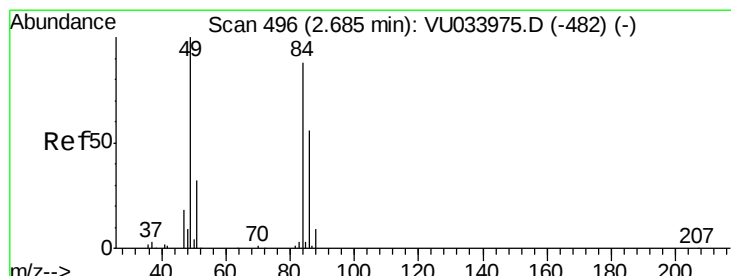
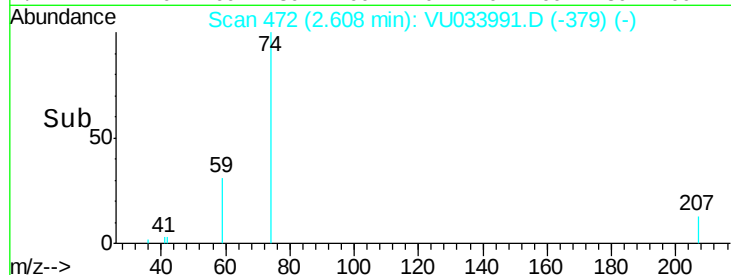
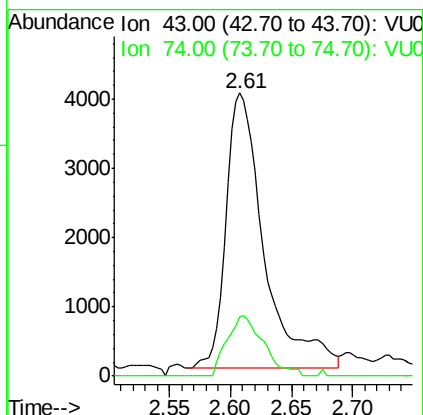
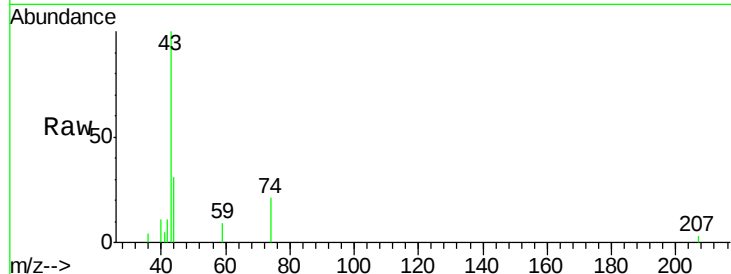




#18
Methyl Acetate
Concen: 1.527 ug/l
RT: 2.61 min Scan# 472
Delta R.T. 0.00 min
Lab File: VU033991.D
Acq: 27 Aug 2019 22:41

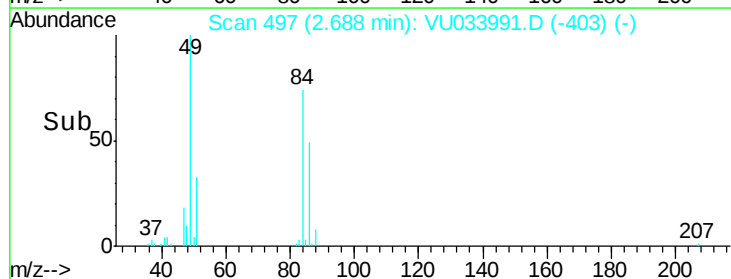
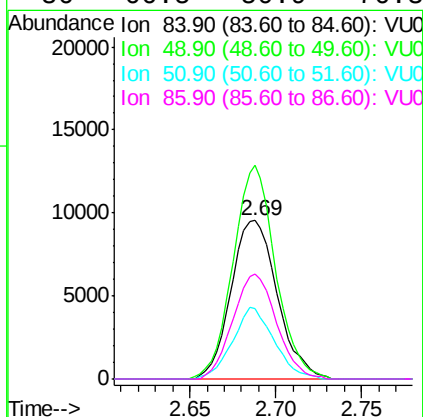
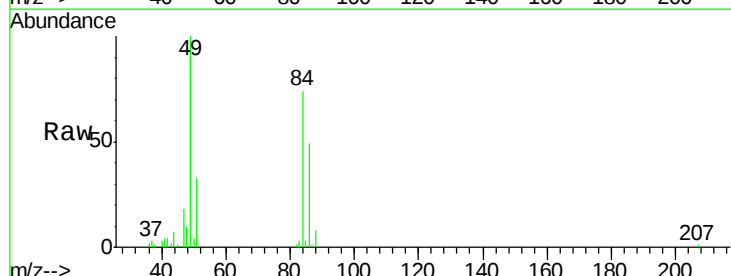
Instrument :
MSVOA_U
ClientSampleId :
T1-S-E-(0)

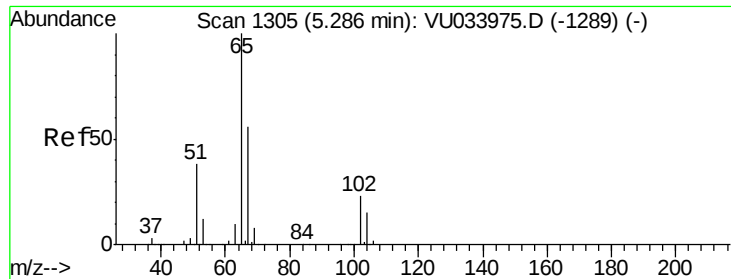
Tot Ion: 43 Resp: 8709
Ion Ratio Lower Upper
43 100
74 21.0 20.5 30.7



#20
Methylene Chloride
Concen: 3.619 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU033991.D
Acq: 27 Aug 2019 22:41

Tgt Ion: 84 Resp: 17781
Ion Ratio Lower Upper
84 100
49 134.8 91.3 136.9
51 44.3 28.9 43.3#
86 66.5 50.9 76.3





#33

1,2-Dichloroethane-d4

Concen: 58.435 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU033991.D

Acq: 27 Aug 2019 22:41

Instrument :

MSVOA_U

ClientSampleId :

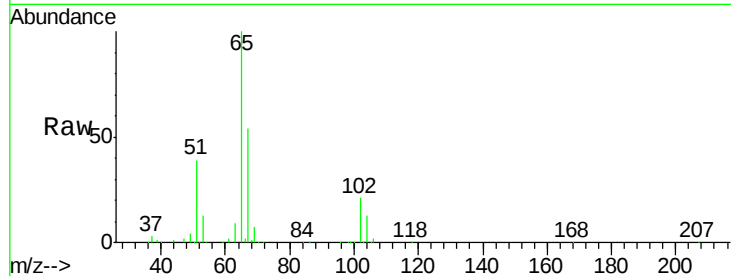
T1-S-E-(0)

Tot Ion: 65 Resp: 282685

Ion Ratio Lower Upper

65 100

67 54.2 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU033991.D (-1212) (-)

Ion 66.90 (66.60 to 67.60): VU033991.D (-1212) (-)

5.29

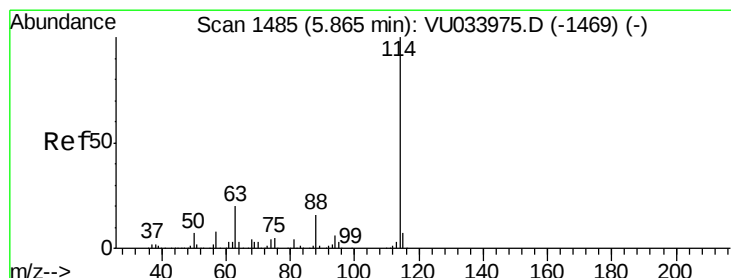
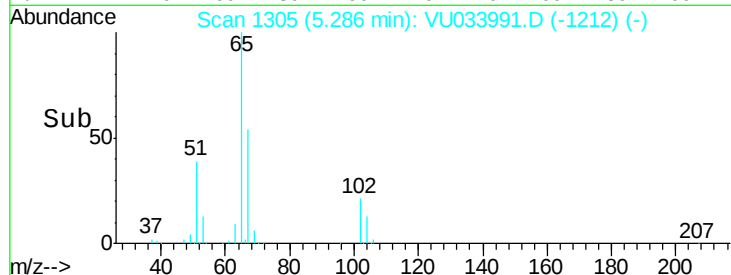
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU033991.D

Acq: 27 Aug 2019 22:41

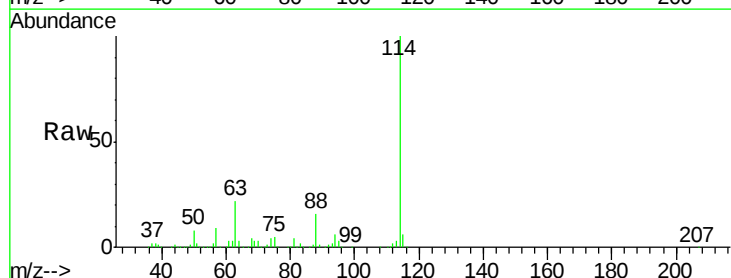
Tgt Ion: 114 Resp: 698233

Ion Ratio Lower Upper

114 100

63 21.6 0.0 39.0

88 16.2 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VU033991.D (-1392) (-)

Ion 63.00 (62.70 to 63.70): VU033991.D (-1392) (-)

Ion 87.90 (87.60 to 88.60): VU033991.D (-1392) (-)

5.86

400000

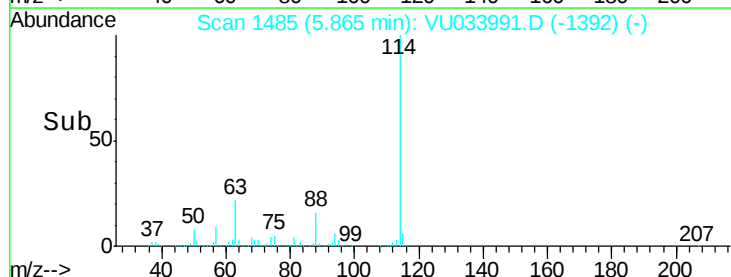
300000

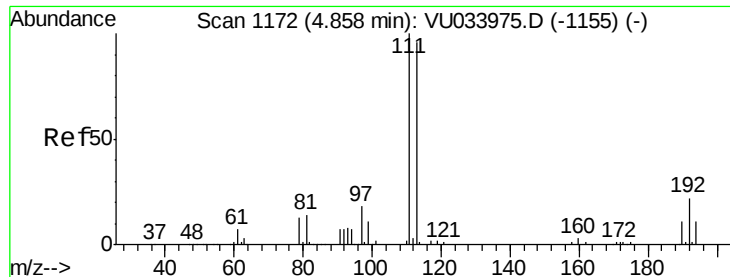
200000

100000

0

Time-->

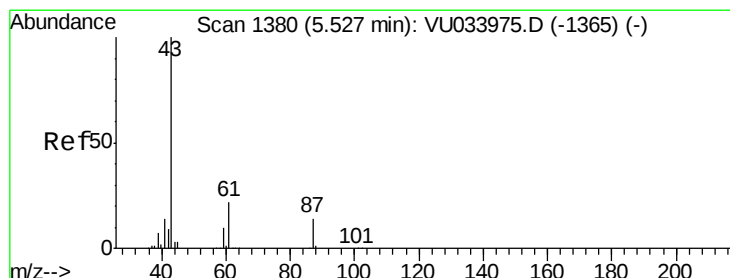
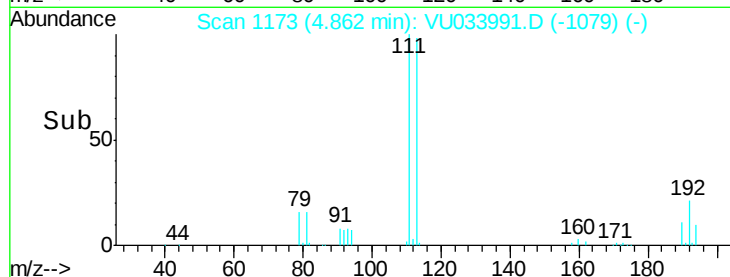
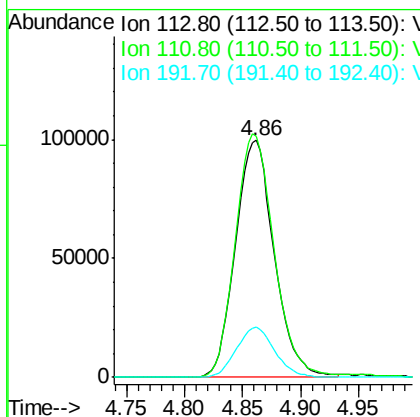
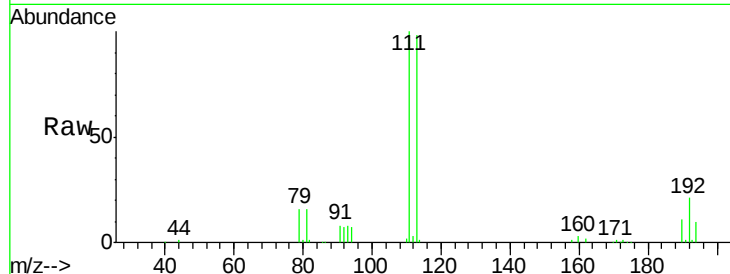




#35
 Dibromofluoromethane
 Concen: 49.344 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU033991.D
 Acq: 27 Aug 2019 22:41

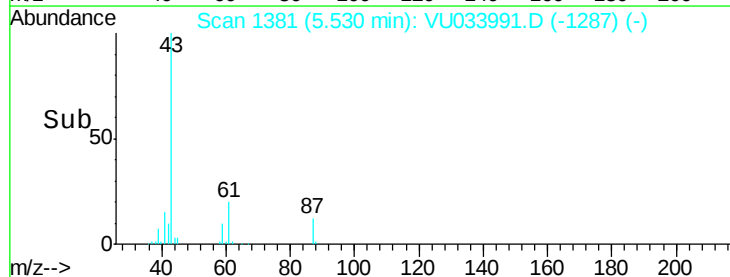
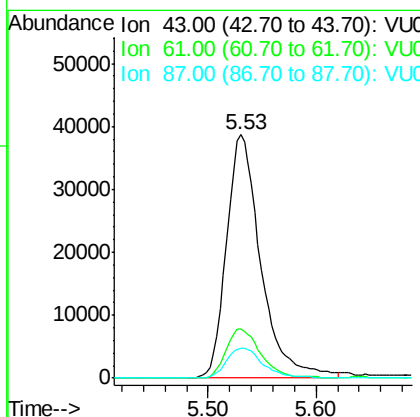
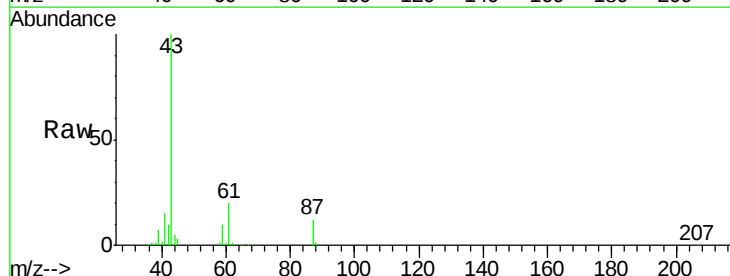
Instrument :
 MSVOA_U
 ClientSampleId :
 T1-S-E-(0)

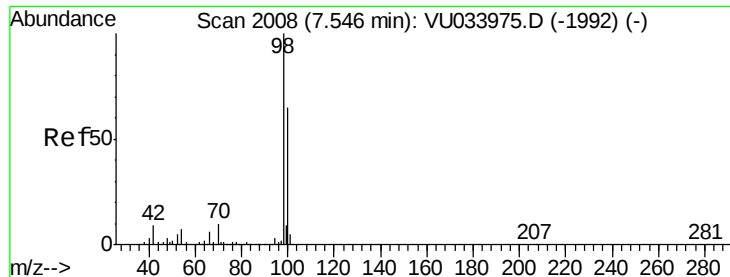
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.7	122.5
192	21.0	18.6	27.8



#43
 Isopropyl Acetate
 Concen: 8.718 ug/l
 RT: 5.53 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VU033991.D
 Acq: 27 Aug 2019 22:41

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.7	17.8	26.8
87	13.1	11.9	17.9





#50

Toluene-d8

Concen: 53.248 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU033991.D

Acq: 27 Aug 2019 22:41

Instrument :

MSVOA_U

ClientSampleId :

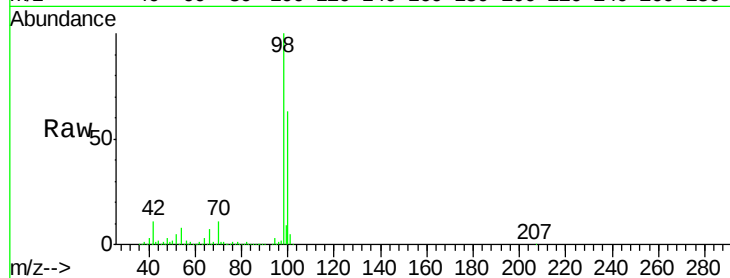
T1-S-E(0)

Tot Ion: 98 Resp: 921810

Ion Ratio Lower Upper

98 100

100 63.5 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VU033975.D (-1992) (-)

Ion 100.00 (99.70 to 100.70): VU033975.D (-1992) (-)

7.55

600000

500000

400000

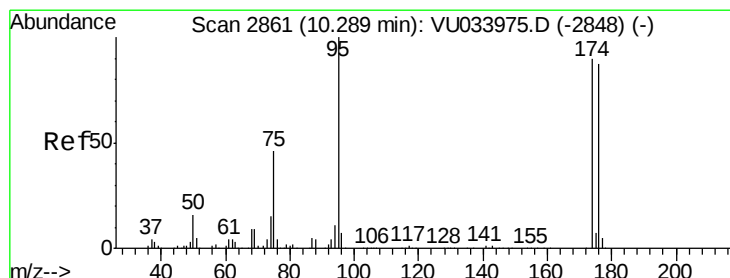
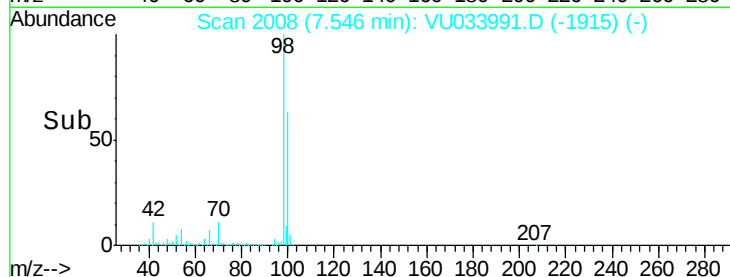
300000

200000

100000

0

Time--> 7.40 7.50 7.60 7.70



#62

4-Bromofluorobenzene

Concen: 41.985 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU033991.D

Acq: 27 Aug 2019 22:41

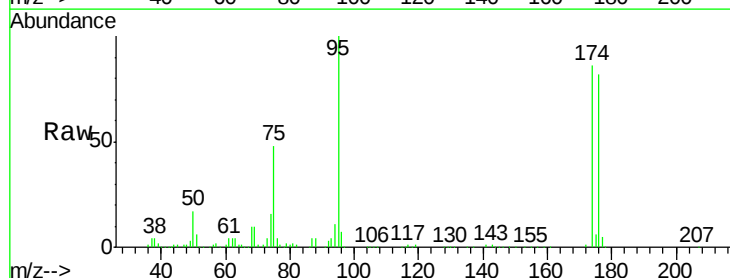
Tgt Ion: 95 Resp: 278811

Ion Ratio Lower Upper

95 100

174 86.8 0.0 183.8

176 81.9 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VU033975.D (-2848) (-)

Ion 173.80 (173.50 to 174.50): VU033975.D (-2848) (-)

Ion 175.80 (175.50 to 176.50): VU033975.D (-2848) (-)

10.29

200000

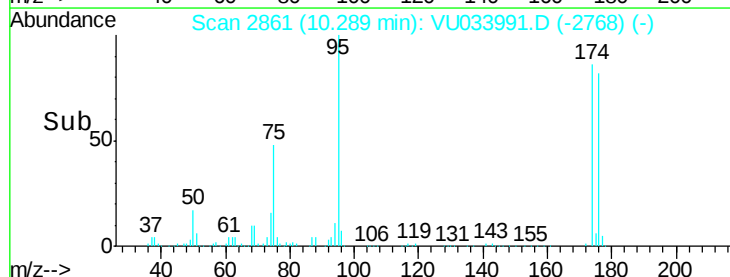
150000

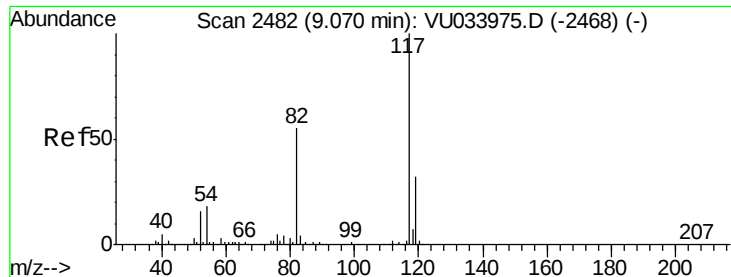
100000

50000

0

Time--> 10.20 10.30 10.40

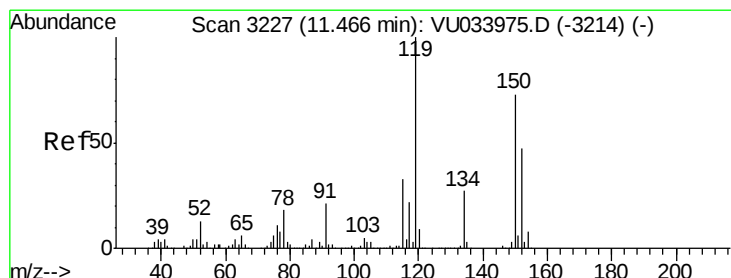
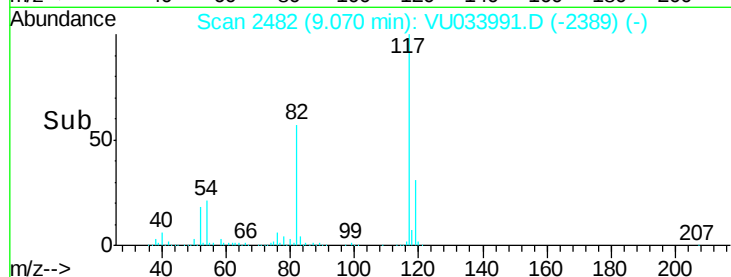
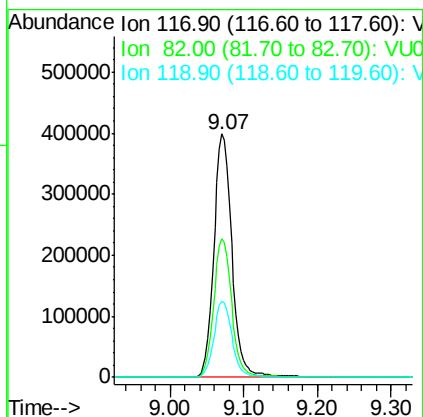
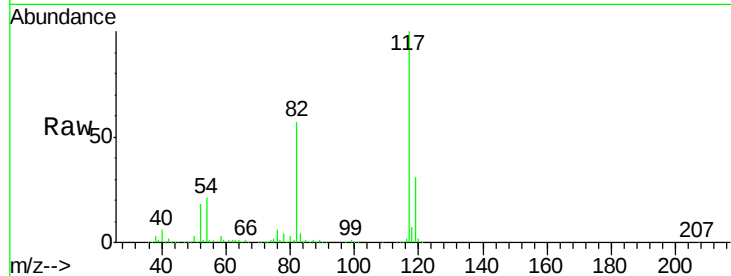




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU033991.D
Acq: 27 Aug 2019 22:41

Instrument :
MSVOA_U
ClientSampleId :
T1-S-E(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	43.8	65.8
119	31.4	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.47 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VU033991.D
Acq: 27 Aug 2019 22:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	38.6	115.7
150	156.4	0.0	343.8

