

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090619\
 Data File : VU034293.D
 Acq On : 05 Sep 2019 19:01
 Operator : JC/SP
 Sample : K4545-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T16-17-E1-(2.25)

Quant Time: Sep 06 08:23:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

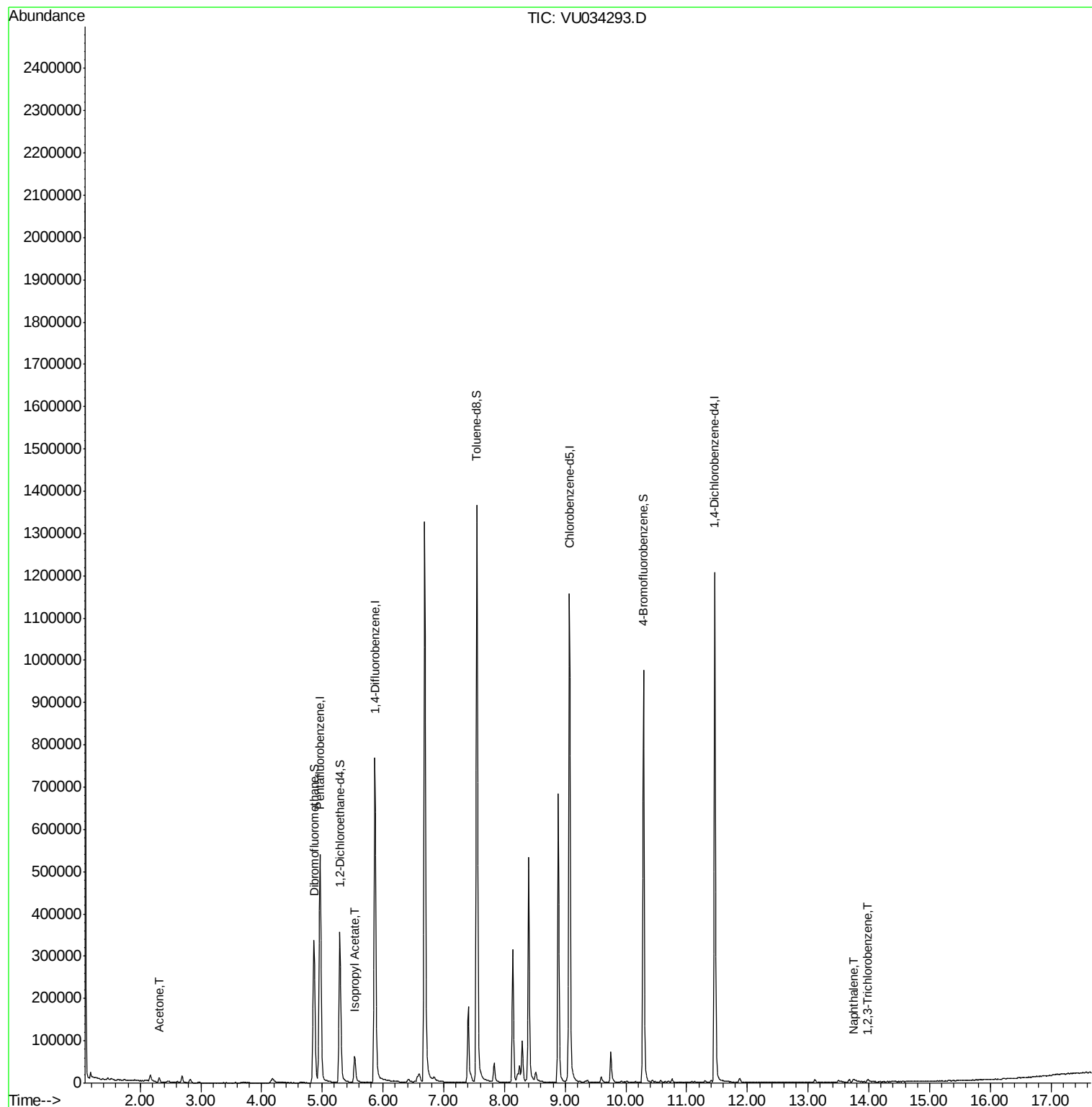
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	451053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	707238	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	689592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	339053	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	277058	40.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.20%	
35) Dibromofluoromethane	4.86	113	242675	36.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.76%	
50) Toluene-d8	7.55	98	962744	38.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.88%	
62) 4-Bromofluorobenzene	10.29	95	340485	35.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.34%	
Target Compounds						
16) Acetone	2.32	43	12374	3.504	ug/l	92
43) Isopropyl Acetate	5.53	43	76324	5.395	ug/l	99
95) Naphthalene	13.75	128	12604	4.479	ug/l #	88
96) 1,2,3-Trichlorobenzene	13.98	180	4269	3.160	ug/l	86

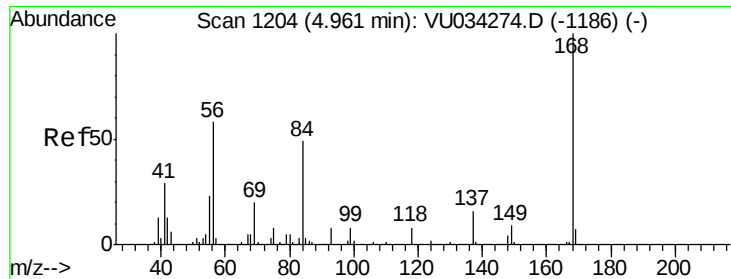
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034293.D

Acq: 05 Sep 2019 19:01

Instrument :

MSVOA_U

ClientSampleId :

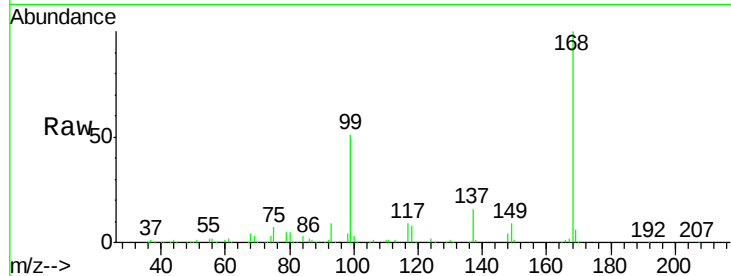
T16-17-E1-(2.25)

Tot Ion:168 Resp: 451053

Ion Ratio Lower Upper

168 100

99 51.4 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034274.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034274.D (-1186) (-)

4.96

200000

150000

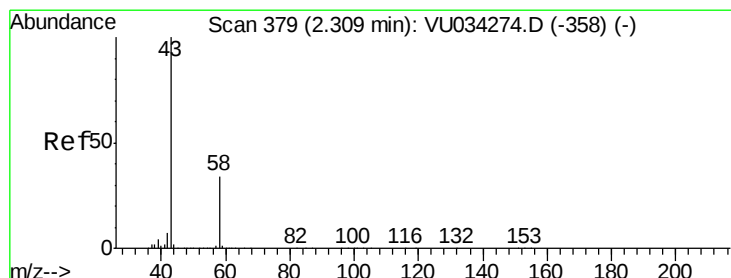
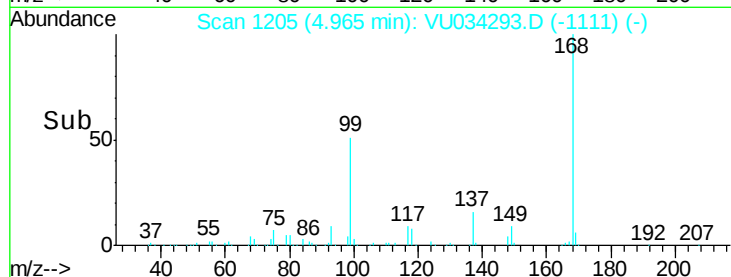
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 3.504 ug/l

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

Lab File: VU034293.D

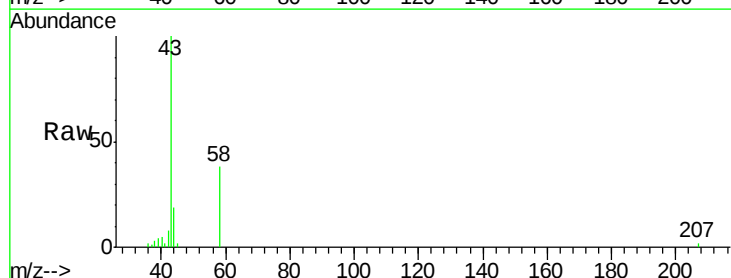
Acq: 05 Sep 2019 19:01

Tgt Ion: 43 Resp: 12374

Ion Ratio Lower Upper

43 100

58 39.2 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034274.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034274.D (-358) (-)

2.32

8000

6000

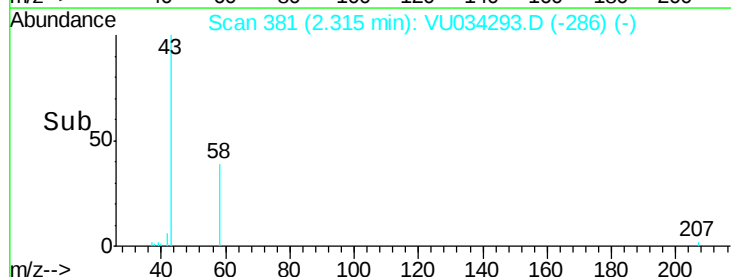
4000

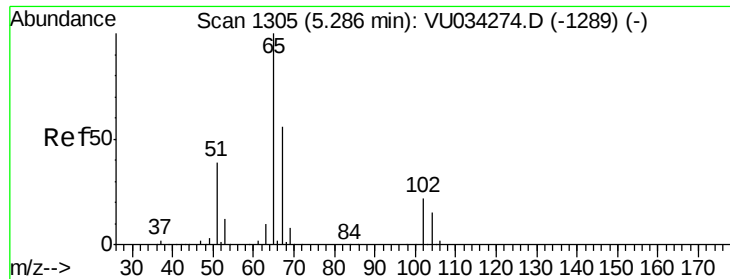
2000

0

2.25 2.30 2.35 2.40

Time-->

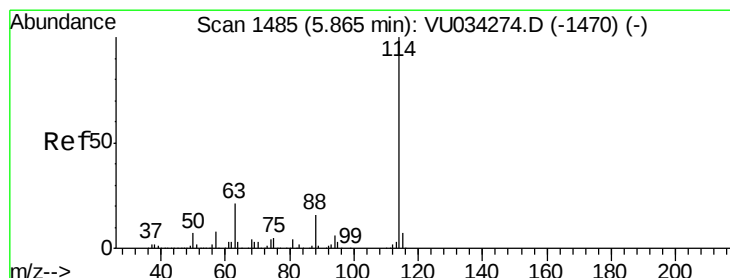
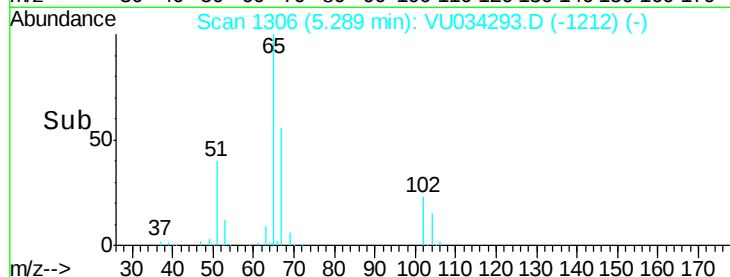
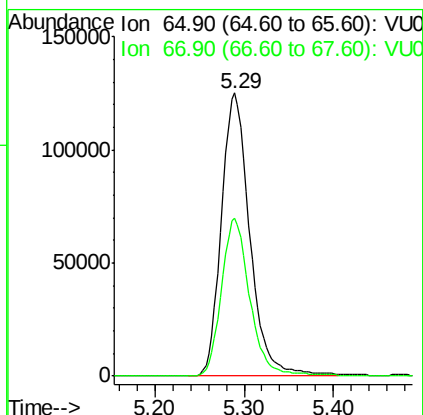
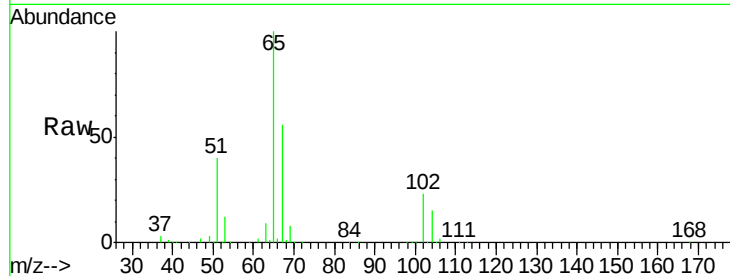




#33
 1,2-Dichloroethane-d4
 Concen: 40.597 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034293.D
 Acq: 05 Sep 2019 19:01

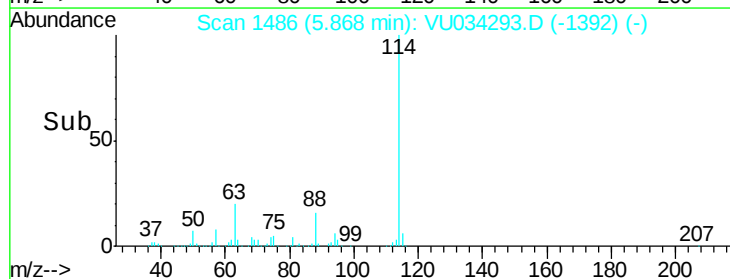
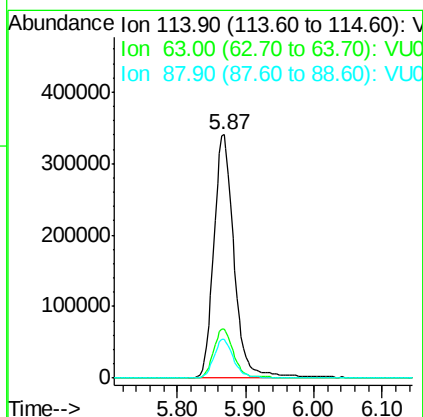
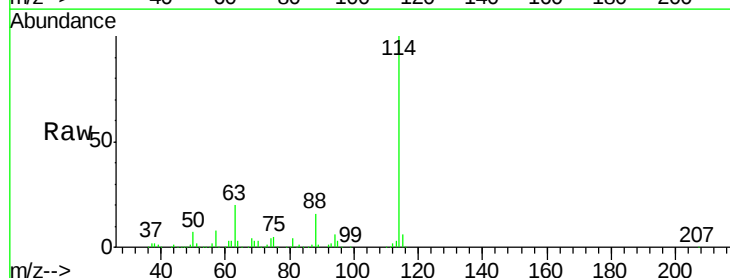
Instrument :
 MSVOA_U
 ClientSampleId :
 T16-17-E1-(2.25)

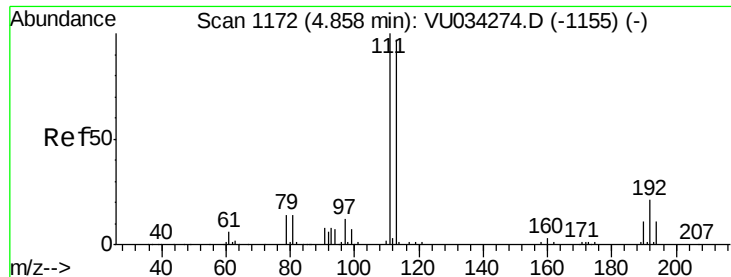
Tot Ion: 65 Resp: 277058
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034293.D
 Acq: 05 Sep 2019 19:01

Tgt Ion: 114 Resp: 707238
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.4
 88 15.9 0.0 32.4

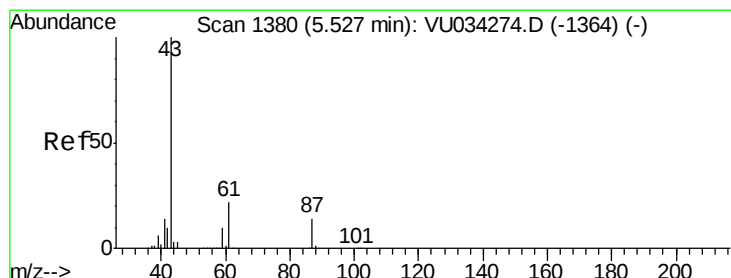
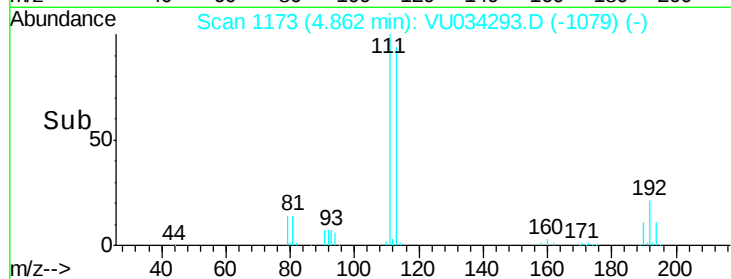
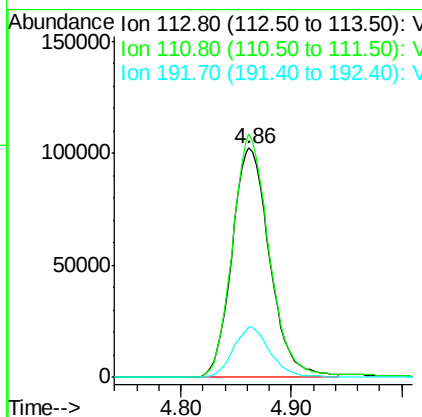
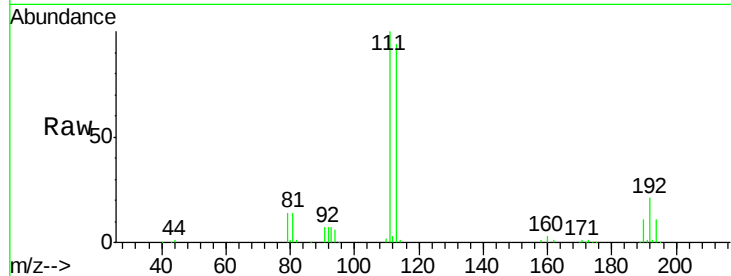




#35
 Dibromofluoromethane
 Concen: 36.876 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034293.D
 Acq: 05 Sep 2019 19:01

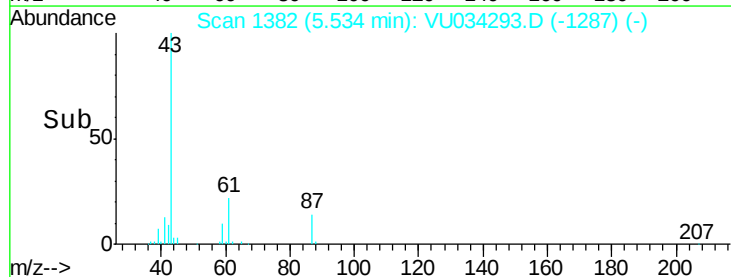
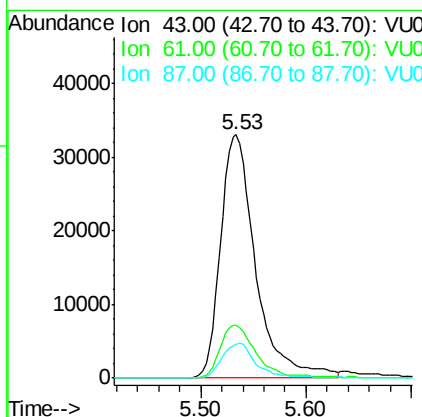
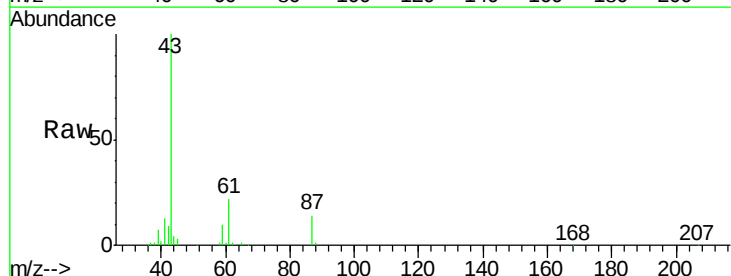
Instrument :
 MSVOA_U
 ClientSampleId :
 T16-17-E1-(2.25)

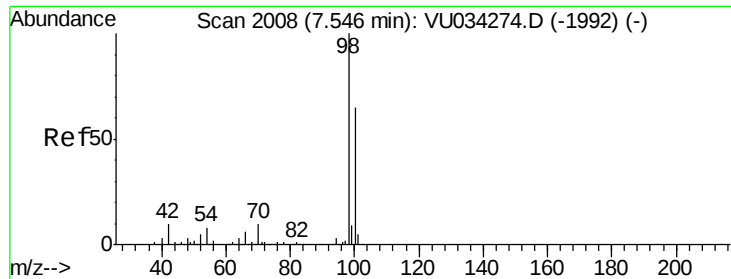
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.5	122.3
192	21.5	17.8	26.8



#43
 Isopropyl Acetate
 Concen: 5.395 ug/l
 RT: 5.53 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: VU034293.D
 Acq: 05 Sep 2019 19:01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	22.0	17.1	25.7
87	13.6	11.1	16.7





#50

Toluene-d8

Concen: 38.939 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034293.D

Acq: 05 Sep 2019 19:01

Instrument :

MSVOA_U

ClientSampleId :

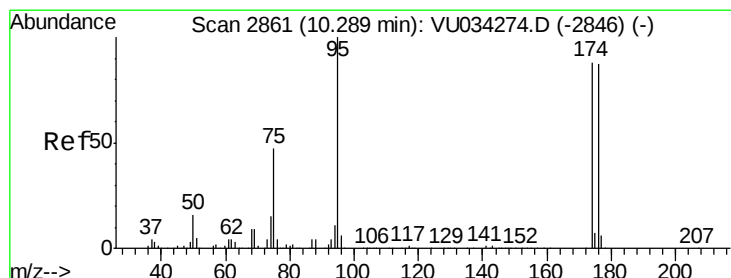
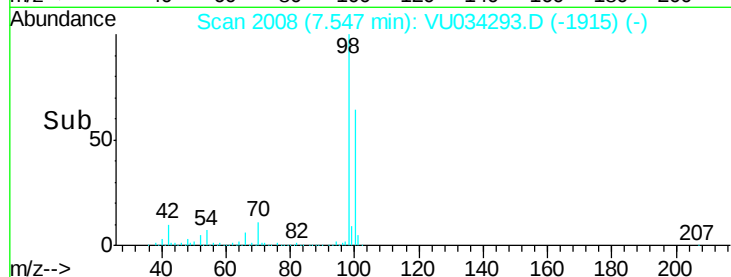
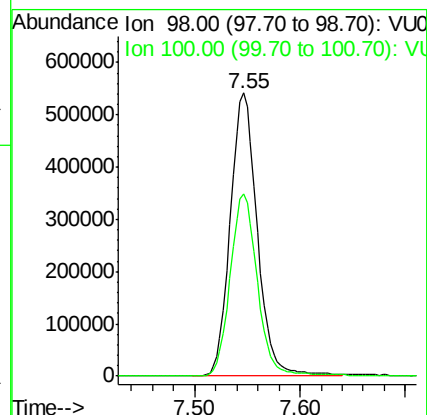
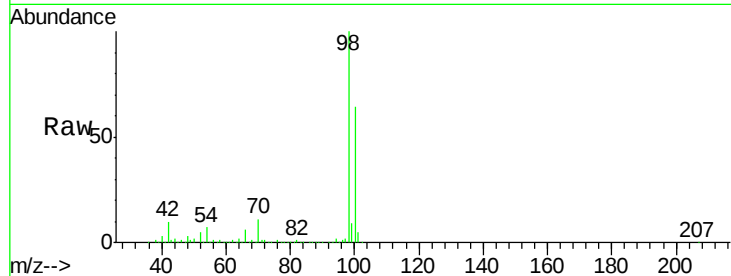
T16-17-E1-(2.25)

Tot Ion: 98 Resp: 962744

Ion Ratio Lower Upper

98 100

100 65.0 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 35.668 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034293.D

Acq: 05 Sep 2019 19:01

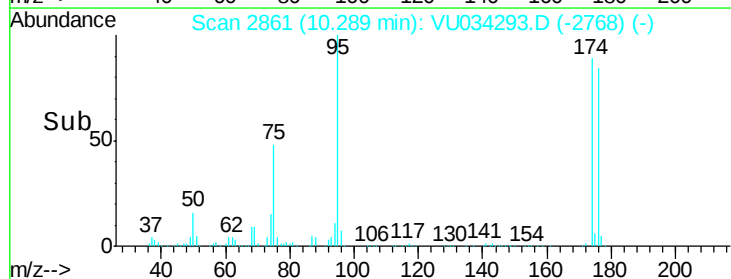
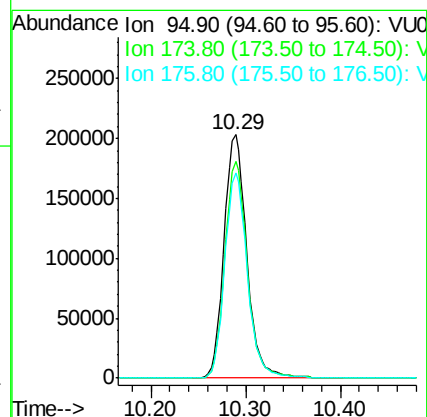
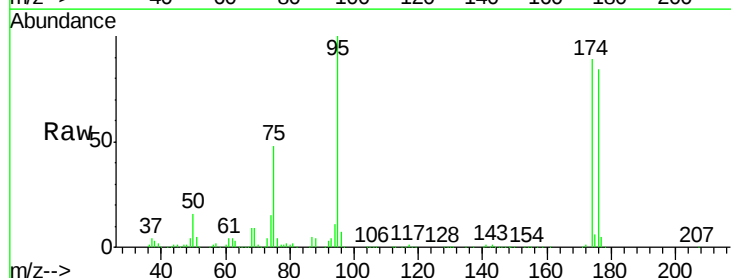
Tgt Ion: 95 Resp: 340485

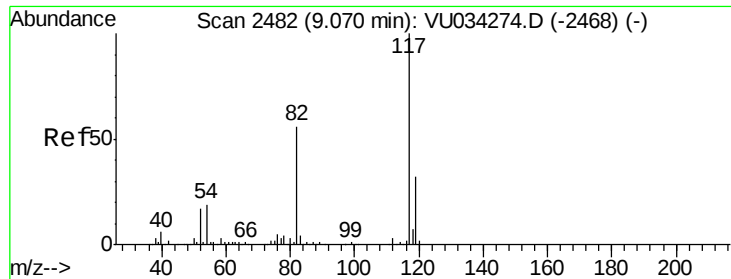
Ion Ratio Lower Upper

95 100

174 87.9 0.0 175.2

176 83.9 0.0 168.0

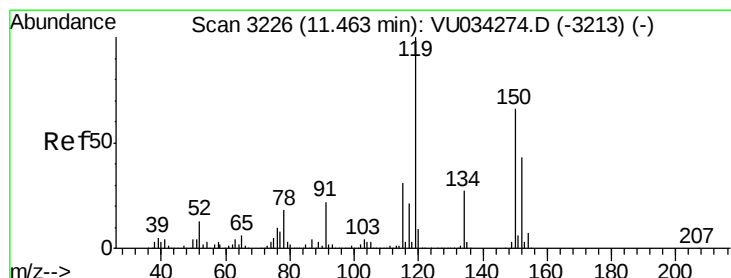
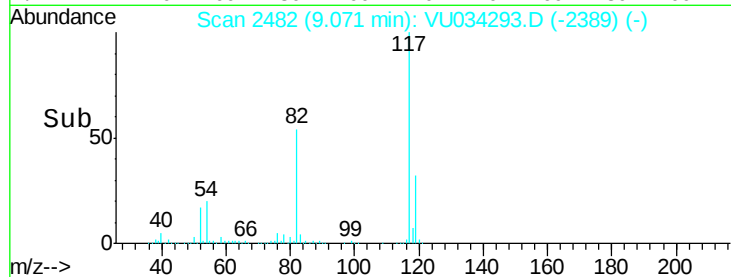
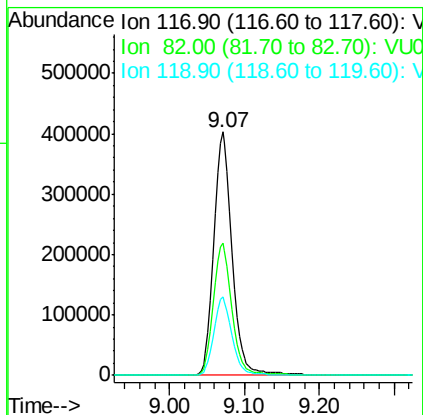
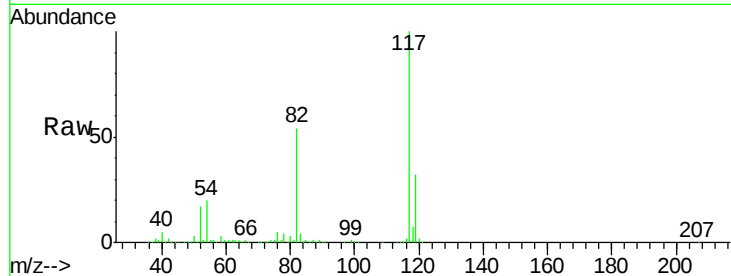




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034293.D
Acq: 05 Sep 2019 19:01

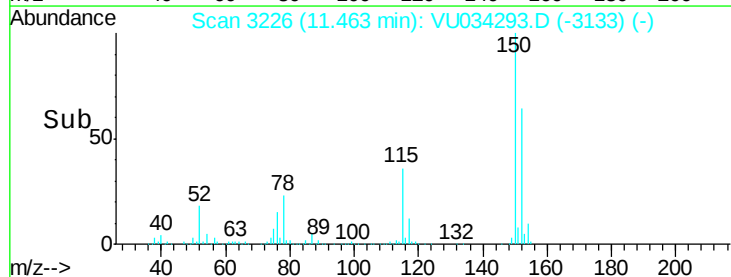
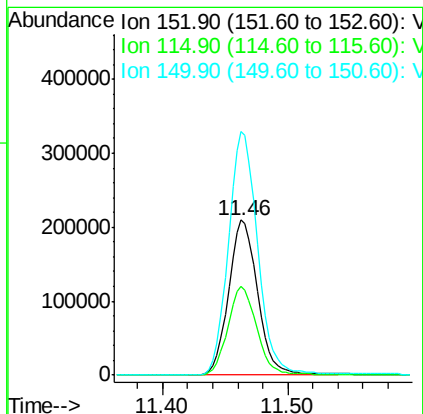
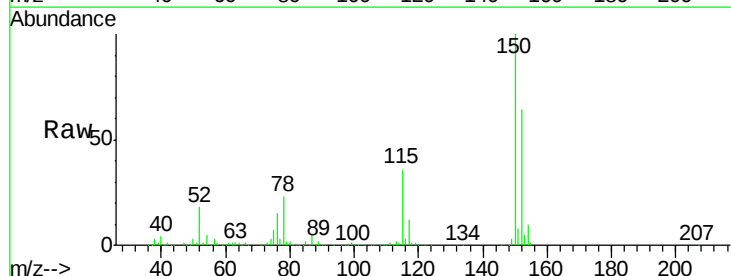
Instrument :
MSVOA_U
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T16-17-E1-(2.25)

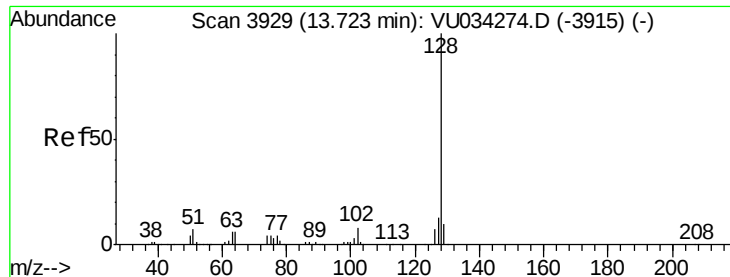
Tot Ion:117 Resp: 689592
Ion Ratio Lower Upper
117 100
82 54.2 44.6 67.0
119 32.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VU034293.D
Acq: 05 Sep 2019 19:01

Tgt Ion:152 Resp: 339053
Ion Ratio Lower Upper
152 100
115 56.9 39.1 117.3
150 158.3 0.0 345.4





#95

Naphthalene

Concen: 4.479 ug/l

RT: 13.75 min Scan# 3936

Delta R.T. 0.02 min

Lab File: VU034293.D

Acq: 05 Sep 2019 19:01

Instrument :

MSVOA_U

ClientSampleId :

T16-17-E1-(2.25)

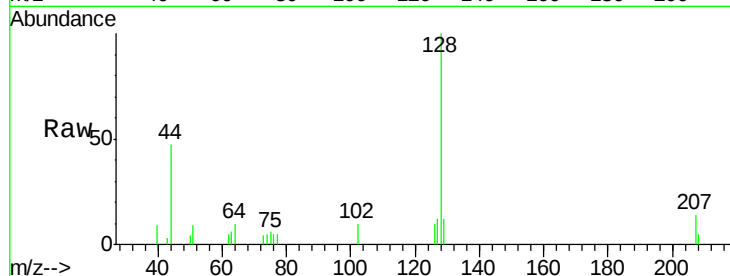
Tot Ion:128 Resp: 12604

Ion Ratio Lower Upper

128 100

127 7.7 10.6 15.8#

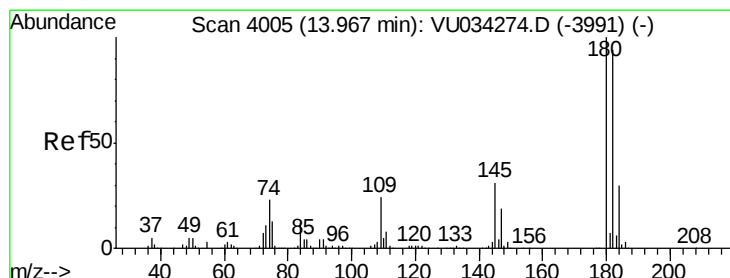
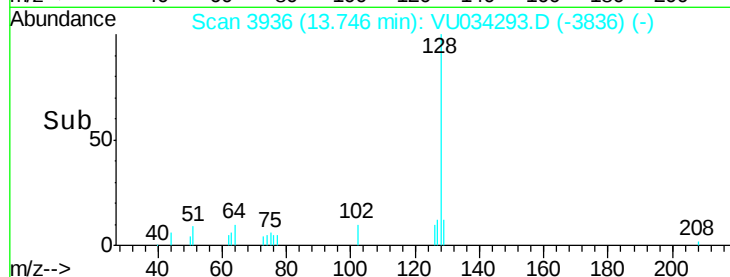
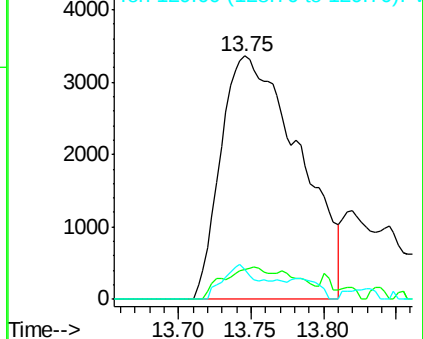
129 6.4 8.4 12.6#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.160 ug/l

RT: 13.98 min Scan# 4009

Delta R.T. 0.01 min

Lab File: VU034293.D

Acq: 05 Sep 2019 19:01

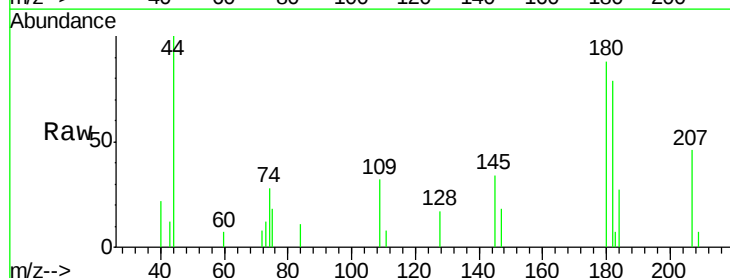
Tgt Ion:180 Resp: 4269

Ion Ratio Lower Upper

180 100

182 80.4 48.4 145.0

145 28.0 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

