

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090719\
 Data File : VU034356.D
 Acq On : 07 Sep 2019 01:50
 Operator : JC/SP
 Sample : K4725-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S13-0271

Quant Time: Sep 07 05:28:52 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

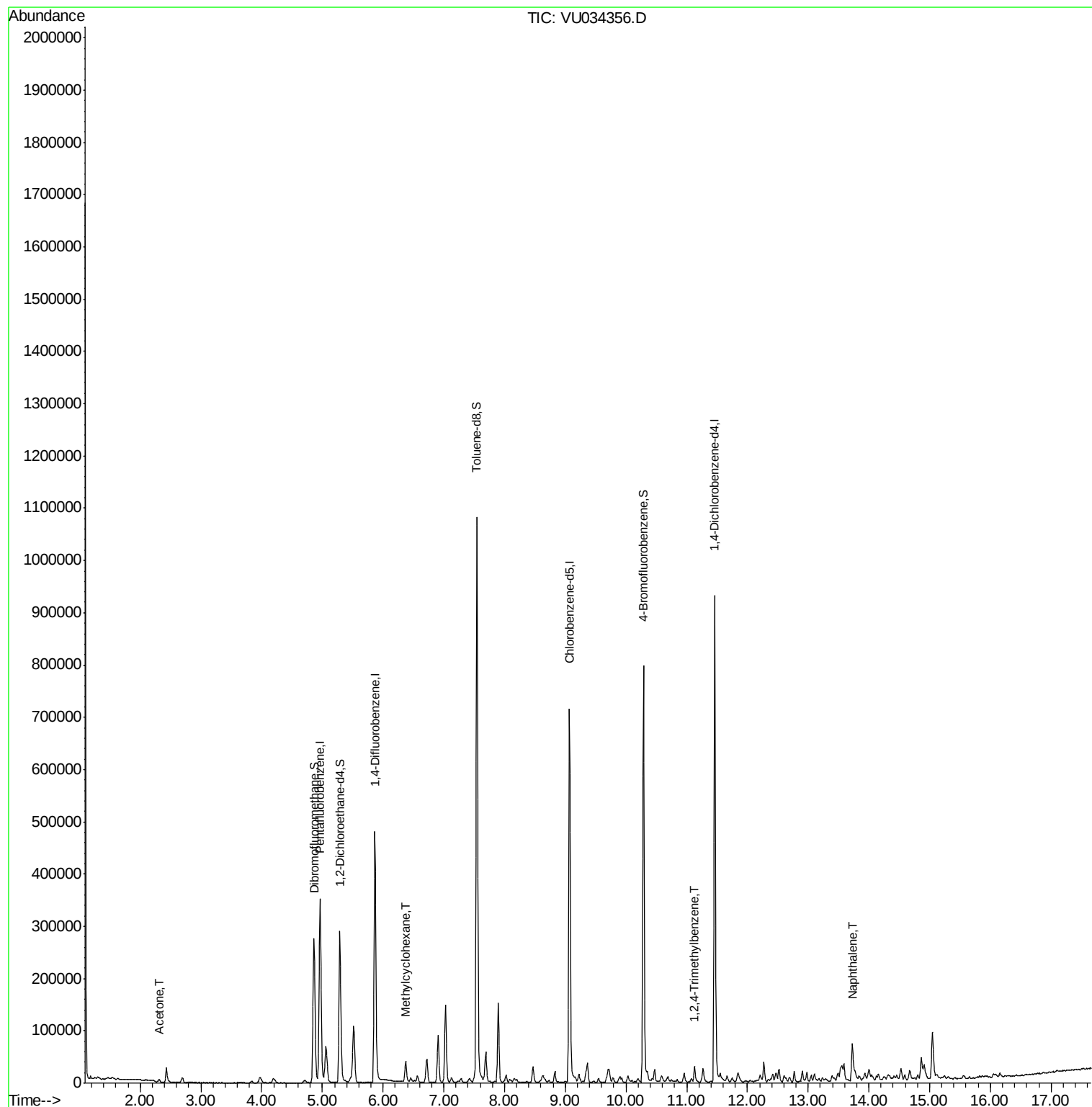
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	300196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	448233	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	438616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	271221	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	227195	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
35) Dibromofluoromethane	4.86	113	202137	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
50) Toluene-d8	7.55	98	767594	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
62) 4-Bromofluorobenzene	10.29	95	284083	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
Target Compounds						
16) Acetone	2.31	43	5805	2.470	ug/l	91
39) Methylcyclohexane	6.37	83	9153	1.761	ug/l #	46
84) 1,2,4-Trimethylbenzene	11.13	105	15361	1.034	ug/l	92
95) Naphthalene	13.73	128	78595	7.969	ug/l	98

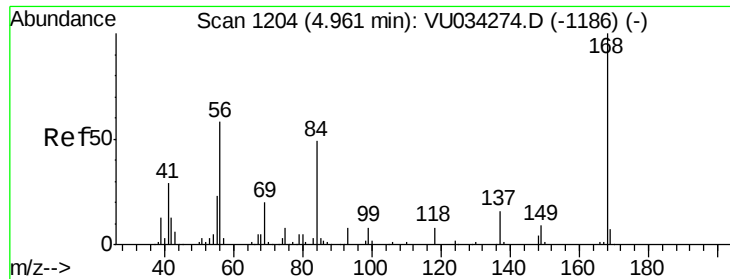
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VU034356.D

Acq: 07 Sep 2019 01:50

Instrument :

MSVOA_U

ClientSampleId :

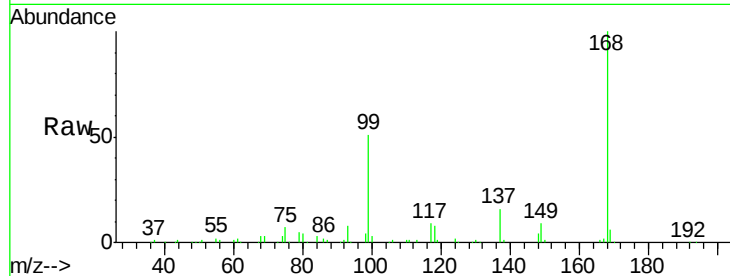
S13-0271

Tot Ion:168 Resp: 300196

Ion Ratio Lower Upper

168 100

99 50.9 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

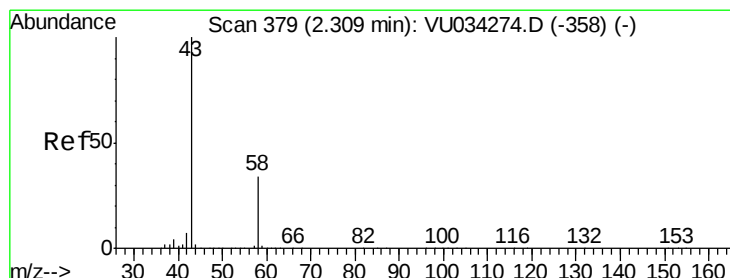
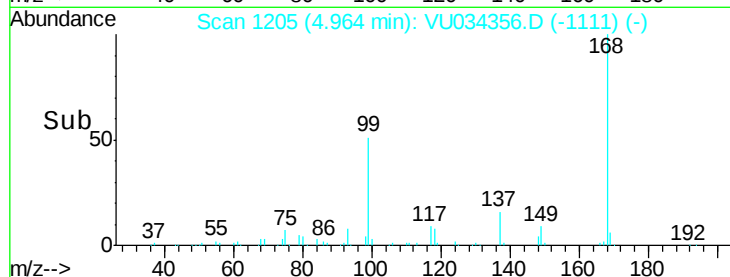
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.470 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034356.D

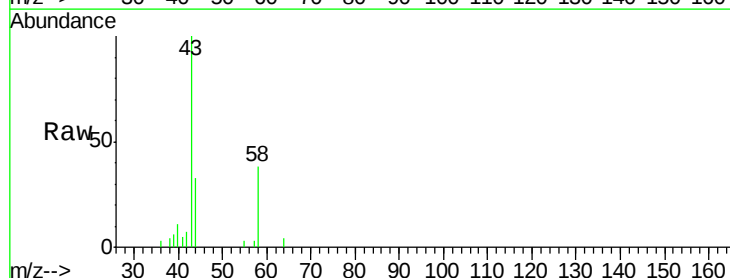
Acq: 07 Sep 2019 01:50

Tgt Ion: 43 Resp: 5805

Ion Ratio Lower Upper

43 100

58 39.6 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) (-)

2.31

4000

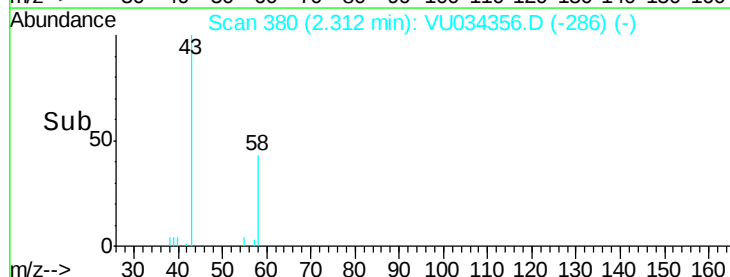
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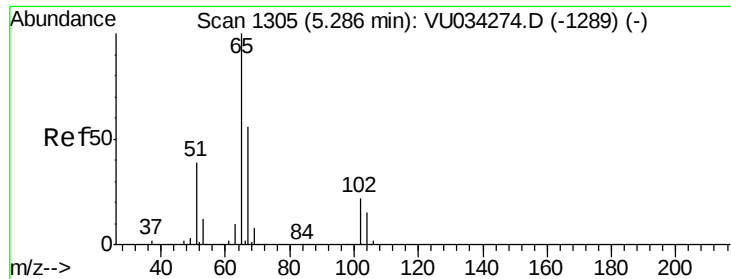
2000

1000

0

Time-->

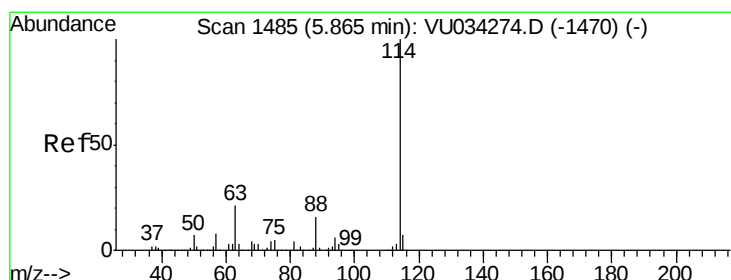
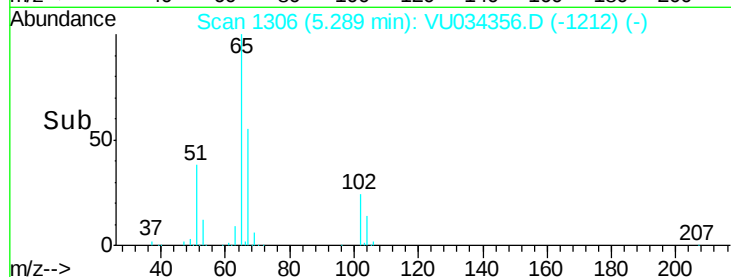
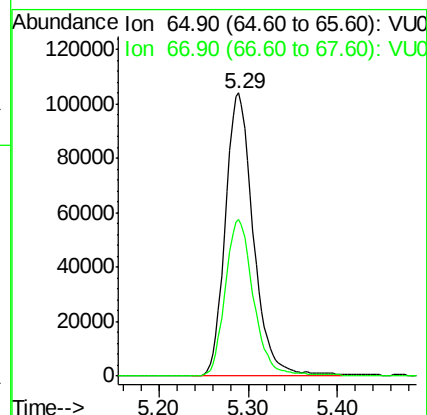
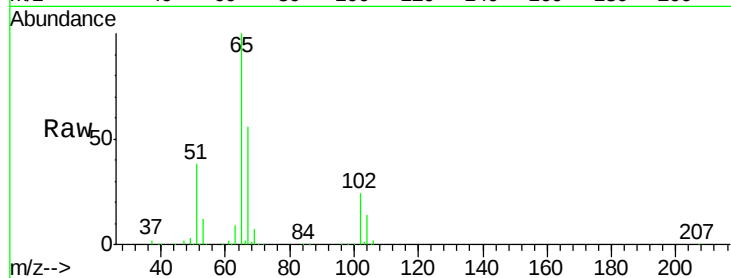




#33
 1,2-Dichloroethane-d4
 Concen: 50.020 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034356.D
 Acq: 07 Sep 2019 01:50

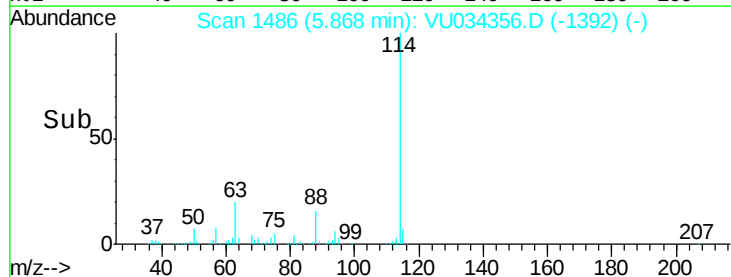
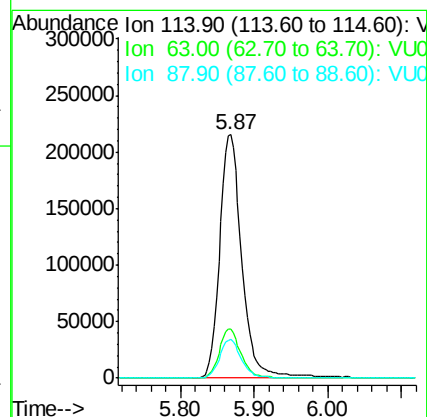
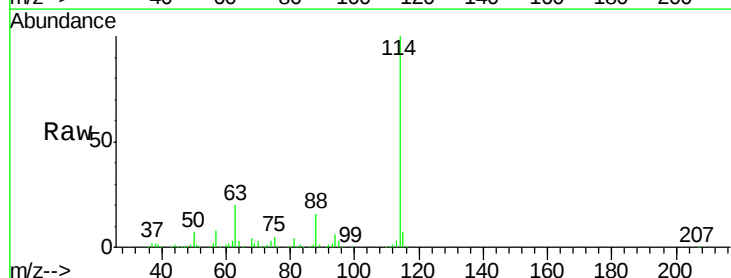
Instrument :
 MSVOA_U
 ClientSampleId :
 S13-0271

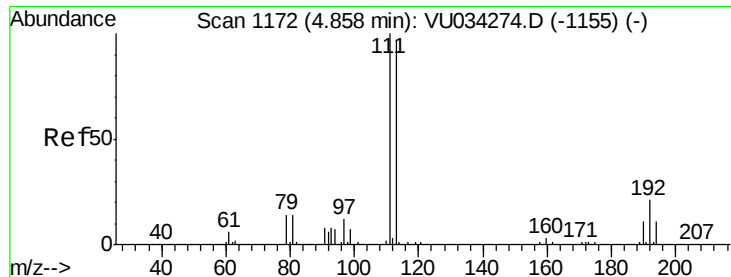
Tot Ion: 65 Resp: 227195
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034356.D
 Acq: 07 Sep 2019 01:50

Tgt Ion: 114 Resp: 448233
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.4
 88 15.7 0.0 32.4

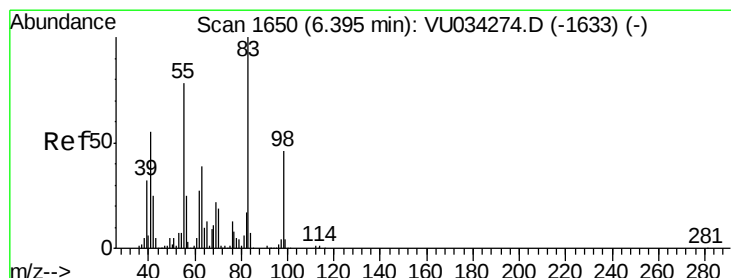
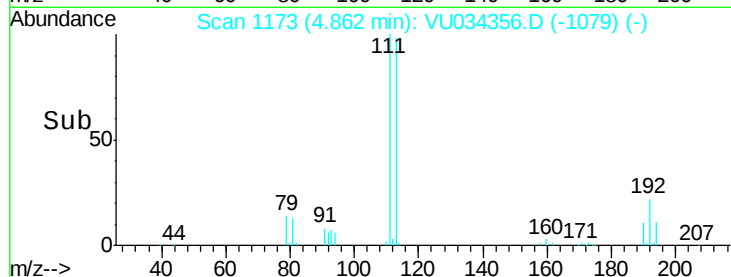
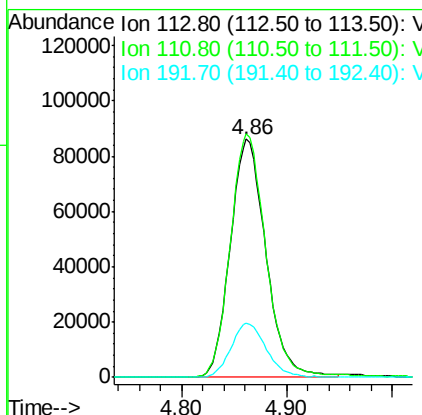
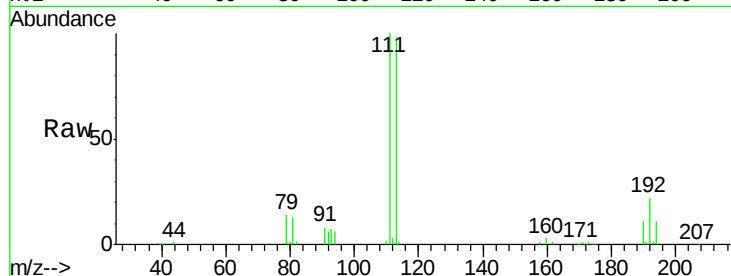




#35
 Dibromofluoromethane
 Concen: 48.465 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034356.D
 Acq: 07 Sep 2019 01:50

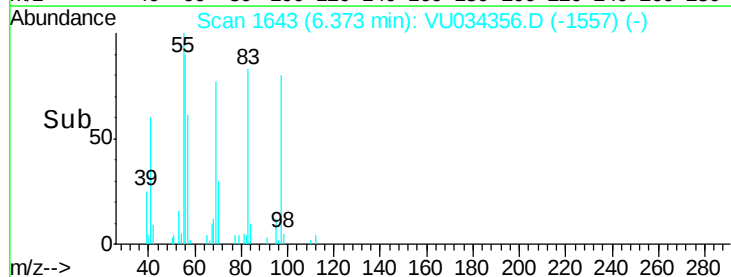
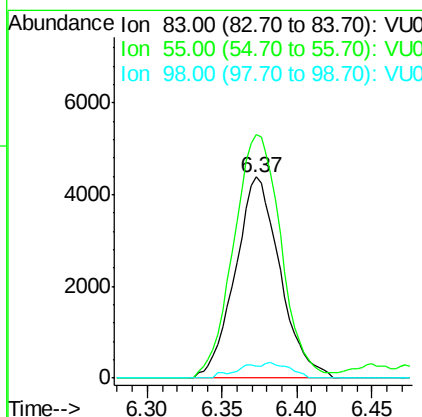
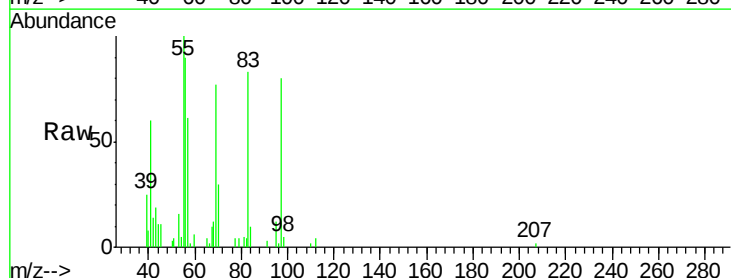
Instrument :
 MSVOA_U
 ClientSampleId :
 S13-0271

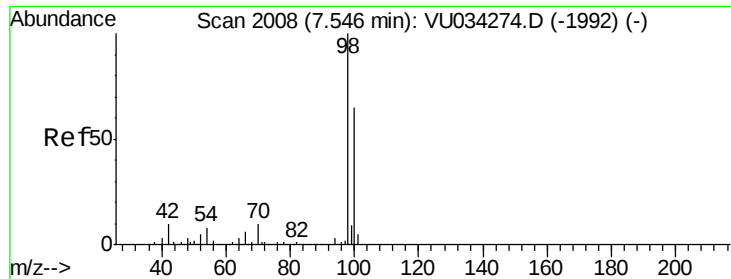
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.5	122.3
192	22.6	17.8	26.8



#39
 Methylcyclohexane
 Concen: 1.761 ug/l
 RT: 6.37 min Scan# 1643
 Delta R.T. -0.02 min
 Lab File: VU034356.D
 Acq: 07 Sep 2019 01:50

Tgt Ion	Ratio	Lower	Upper
83	100		
55	121.1	62.1	93.1#
98	5.9	37.0	55.6#





#50

Toluene-d8

Concen: 48.985 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034356.D

Acq: 07 Sep 2019 01:50

Instrument :

MSVOA_U

ClientSampleId :

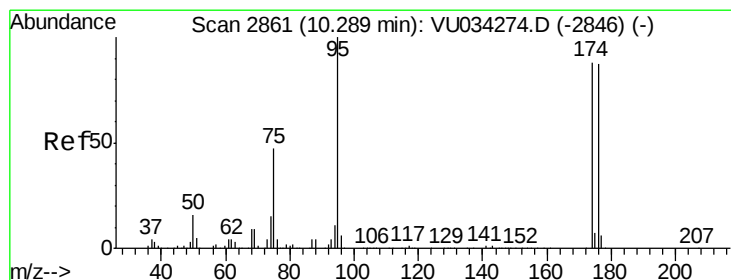
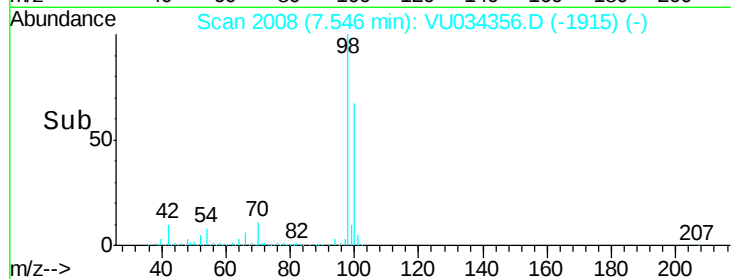
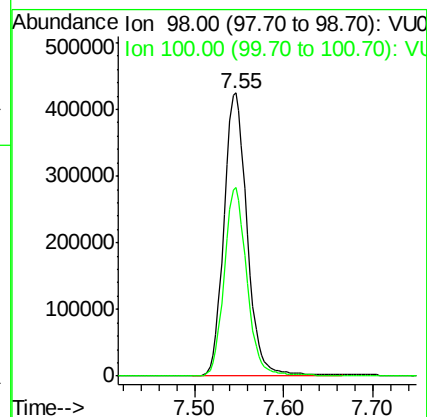
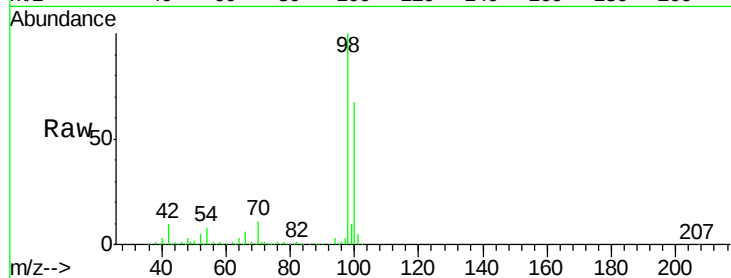
S13-0271

Tot Ion: 98 Resp: 767594

Ion Ratio Lower Upper

98 100

100 65.6 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 46.956 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034356.D

Acq: 07 Sep 2019 01:50

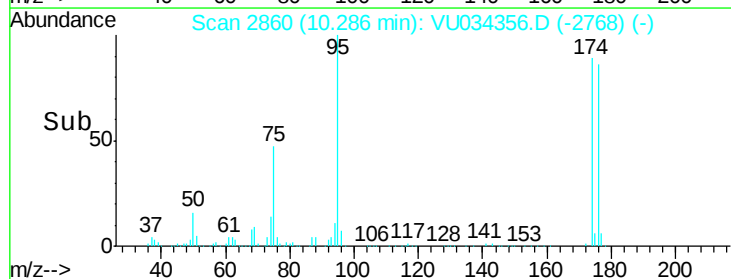
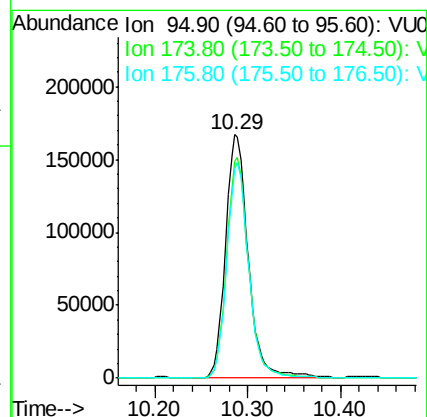
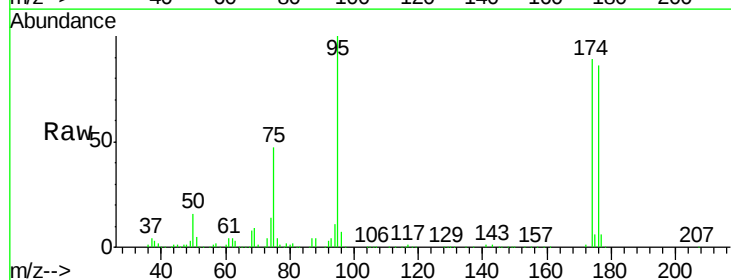
Tgt Ion: 95 Resp: 284083

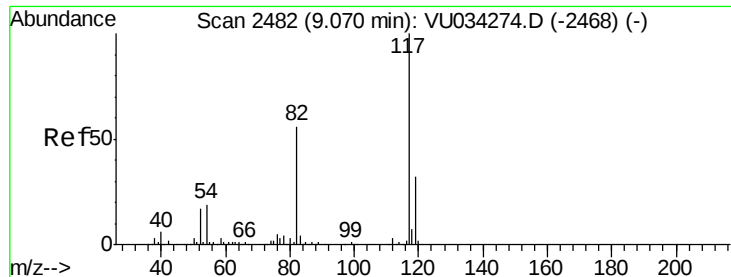
Ion Ratio Lower Upper

95 100

174 87.6 0.0 175.2

176 85.0 0.0 168.0

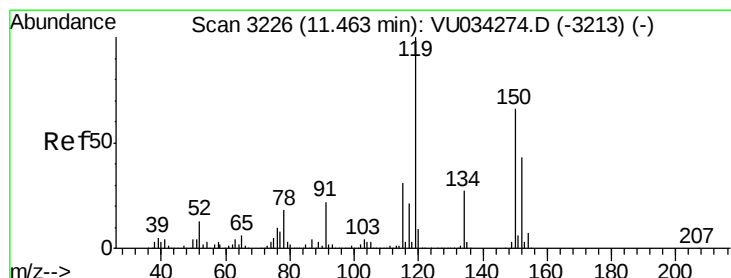
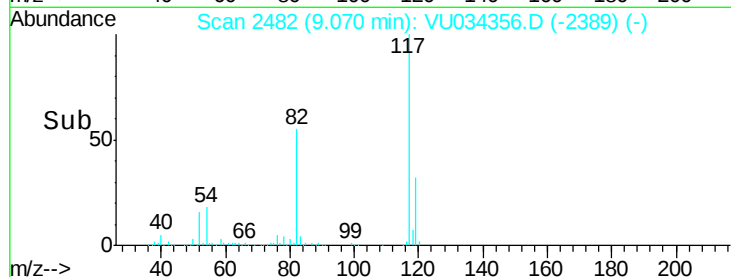
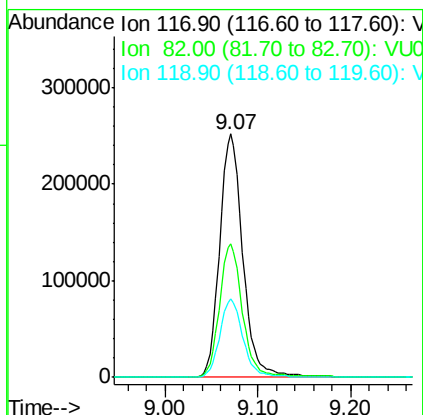
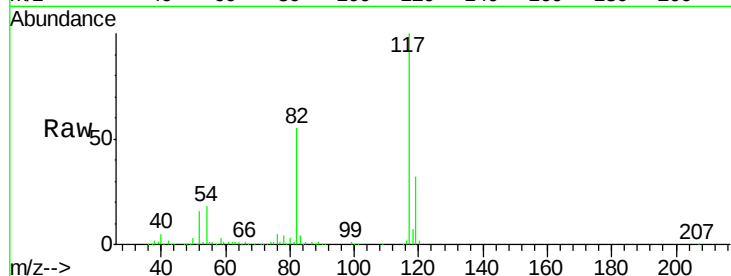




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034356.D
Acq: 07 Sep 2019 01:50

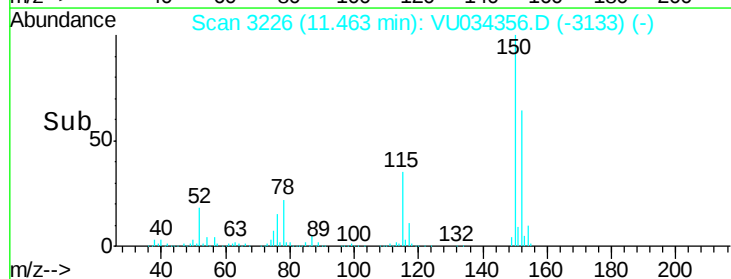
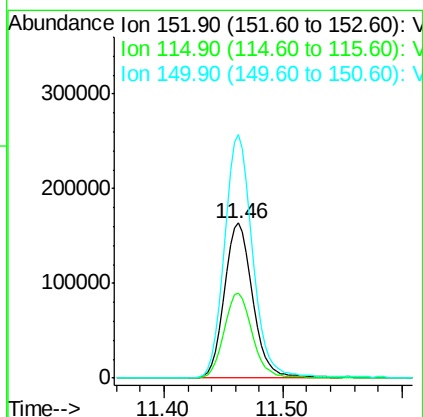
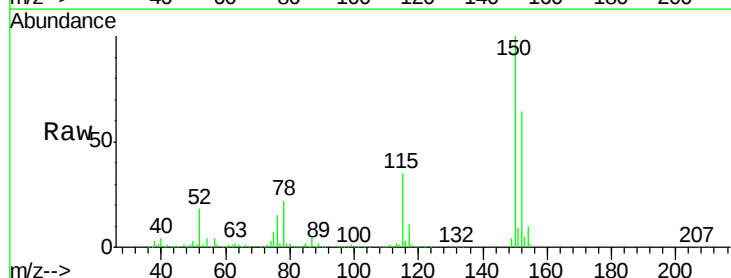
Instrument :
MSVOA_U
ClientSampleId :
S13-0271

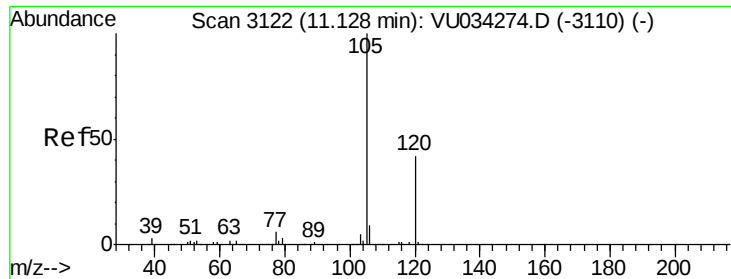
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.6	67.0
119	32.1	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034356.D
Acq: 07 Sep 2019 01:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	39.1	117.3
150	155.3	0.0	345.4





#84

1,2,4-Trimethylbenzene

Concen: 1.034 ug/l

RT: 11.13 min Scan# 3123

Delta R.T. 0.00 min

Lab File: VU034356.D

Acq: 07 Sep 2019 01:50

Instrument :

MSVOA_U

ClientSampled :

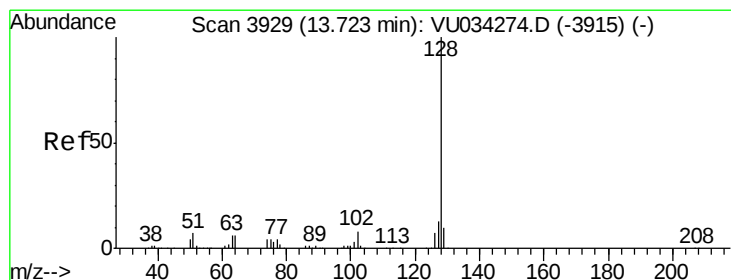
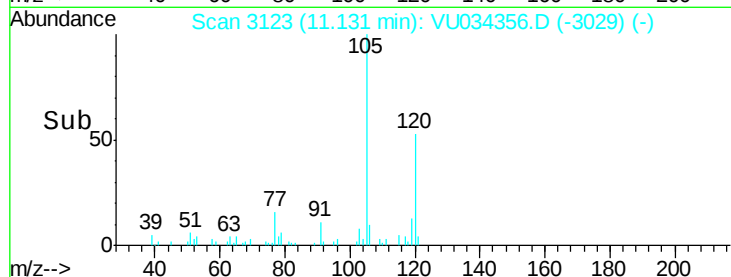
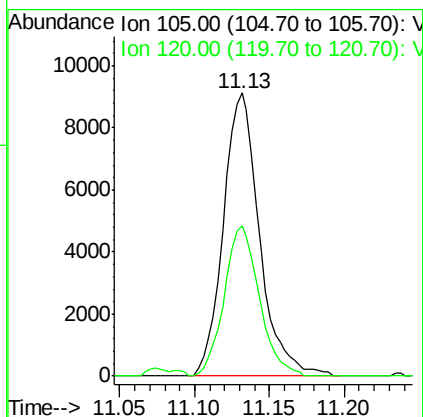
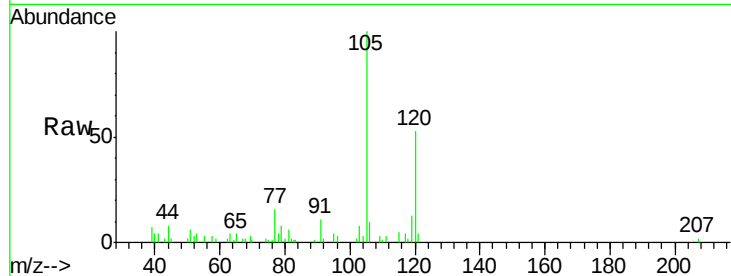
S13-0271

Tot Ion:105 Resp: 15361

Ion Ratio Lower Upper

105 100

120 51.4 22.9 68.8



#95

Naphthalene

Concen: 7.969 ug/l

RT: 13.73 min Scan# 3931

Delta R.T. 0.01 min

Lab File: VU034356.D

Acq: 07 Sep 2019 01:50

Tgt Ion:128 Resp: 78595

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 12.1 8.4 12.6

