

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090719\
 Data File : VU034332.D
 Acq On : 06 Sep 2019 15:48
 Operator : JC/SP
 Sample : K4722-15DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GW-200-B4-47.0-52.0-090519DL

Quant Time: Sep 06 17:25:02 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

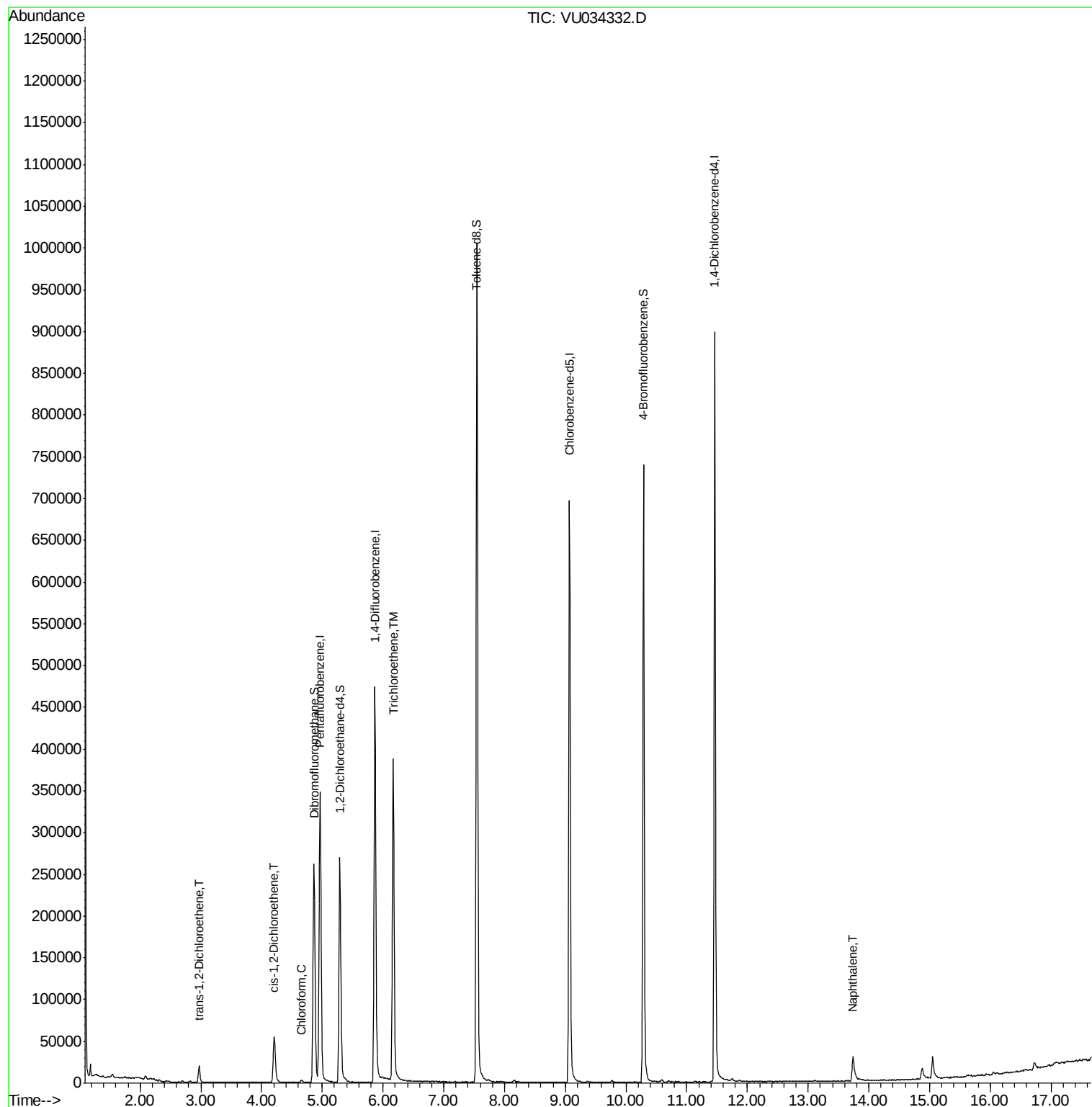
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	294811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	435096	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	425650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	259142	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	213841	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
35) Dibromofluoromethane	4.86	113	187893	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
50) Toluene-d8	7.55	98	720426	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.72%	
62) 4-Bromofluorobenzene	10.29	95	258783	44.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.14%	
Target Compounds						
21) trans-1,2-Dichloroethene	2.97	96	8400	2.485	ug/l	94
27) cis-1,2-Dichloroethene	4.21	96	34723	8.458	ug/l	85
30) Chloroform	4.66	83	2956	0.407	ug/l	89
44) Trichloroethene	6.17	130	145444	34.520	ug/l	98
95) Naphthalene	13.74	128	45175	6.374	ug/l	96

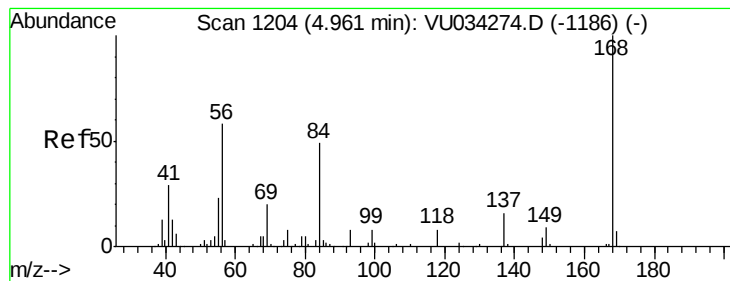
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
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: VU034332.D

Acq: 06 Sep 2019 15:48

Instrument :

MSVOA_U

ClientSampleId :

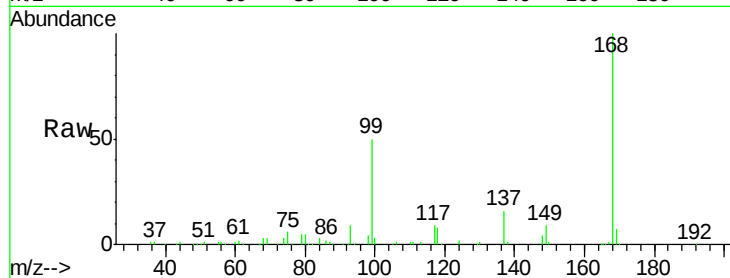
GW-200-B4-47.0-52.0-090519DL

Tot Ion:168 Resp: 294811

Ion Ratio Lower Upper

168 100

99 50.2 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

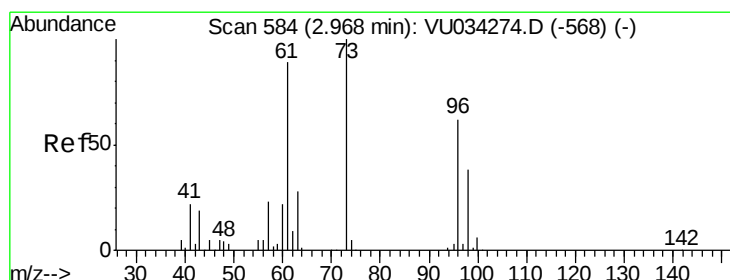
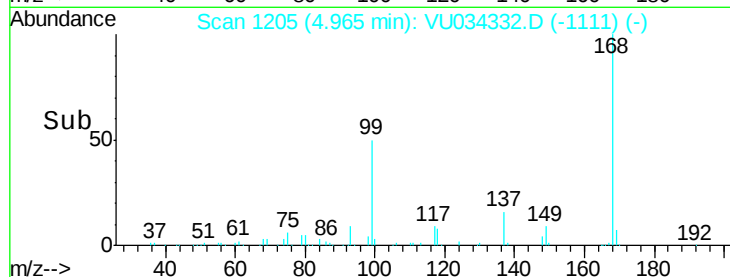
100000

50000

0

Time-->

4.90 5.00 5.10



#21

trans-1,2-Dichloroethene

Concen: 2.485 ug/l

RT: 2.97 min Scan# 586

Delta R.T. 0.01 min

Lab File: VU034332.D

Acq: 06 Sep 2019 15:48

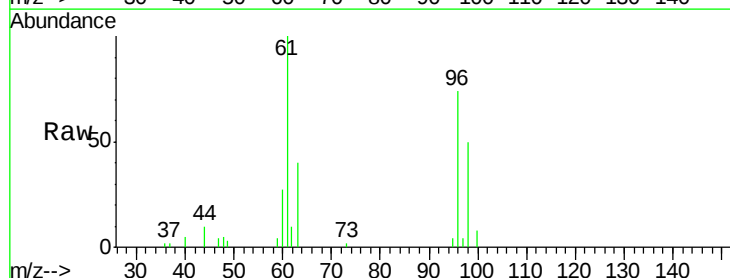
Tgt Ion: 96 Resp: 8400

Ion Ratio Lower Upper

96 100

61 135.7 114.8 172.2

98 67.6 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VU034274.D (-568) (-)

Ion 60.90 (60.60 to 61.60): VU034274.D (-568) (-)

Ion 97.90 (97.60 to 98.60): VU034274.D (-568) (-)

2.97

8000

6000

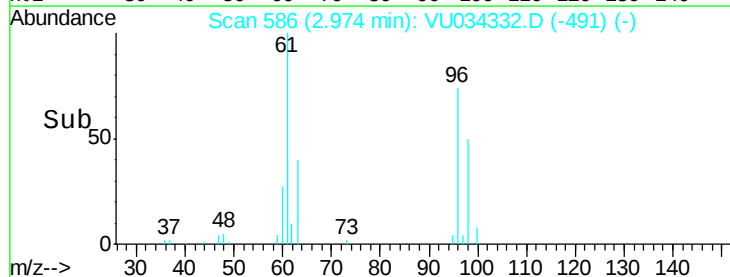
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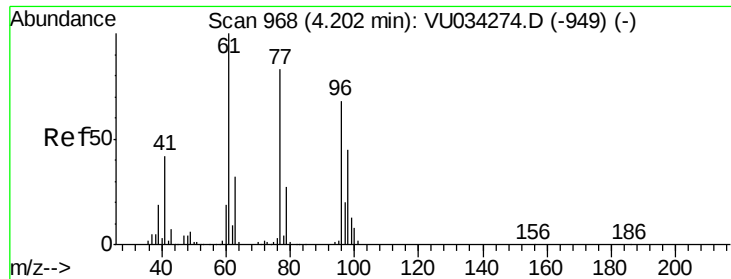
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0

Time-->

2.90 2.95 3.00



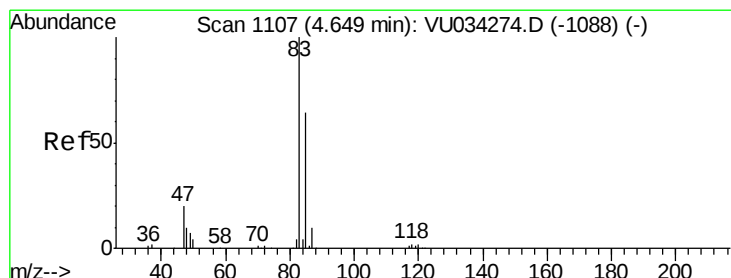
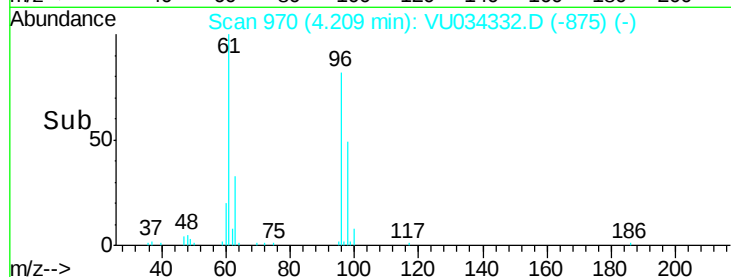
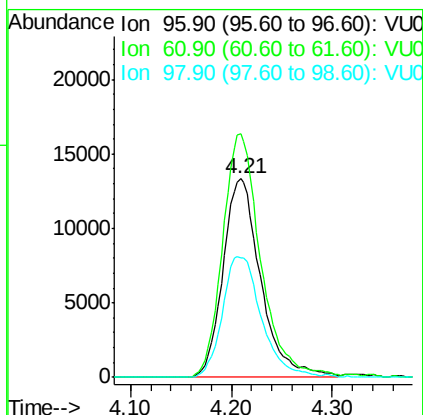
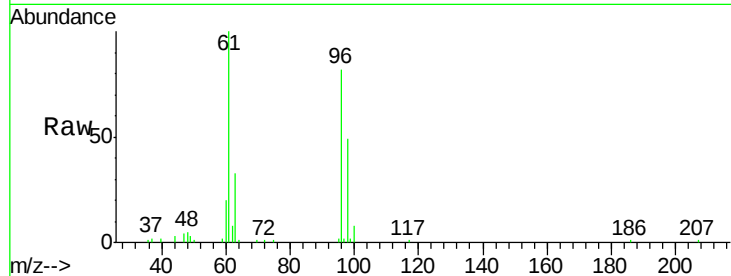


#27

cis-1,2-Dichloroethene
 Concen: 8.458 ug/l
 RT: 4.21 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: VU034332.D
 Acq: 06 Sep 2019 15:48

Instrument :
 MSVOA_U
 ClientSampleId :
 GW-200-B4-47.0-52.0-090519DL

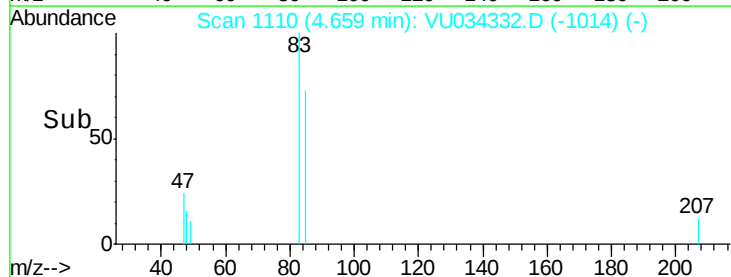
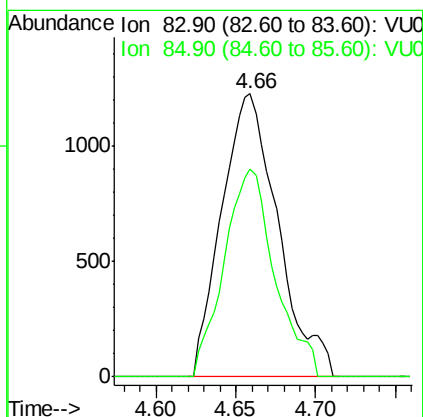
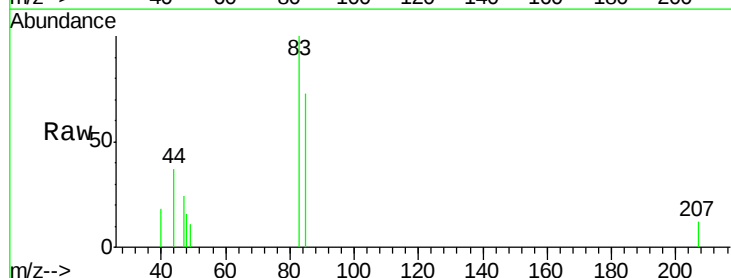
Tot Ion: 96 Resp: 34723
 Ion Ratio Lower Upper
 96 100
 61 123.6 0.0 297.4
 98 62.7 0.0 130.0

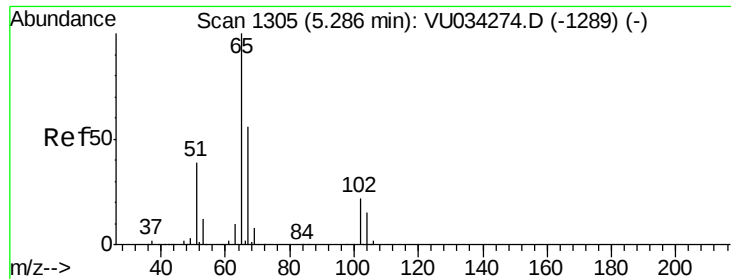


#30

Chloroform
 Concen: 0.407 ug/l
 RT: 4.66 min Scan# 1110
 Delta R.T. 0.01 min
 Lab File: VU034332.D
 Acq: 06 Sep 2019 15:48

Tgt Ion: 83 Resp: 2956
 Ion Ratio Lower Upper
 83 100
 85 73.2 51.5 77.3

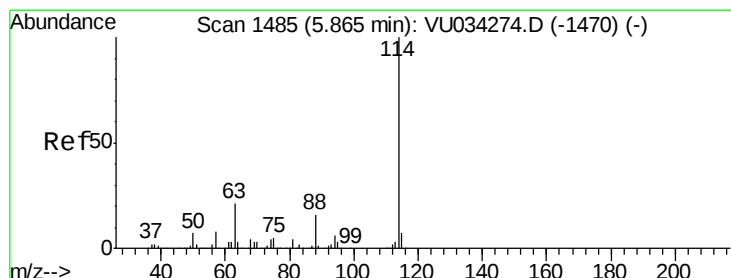
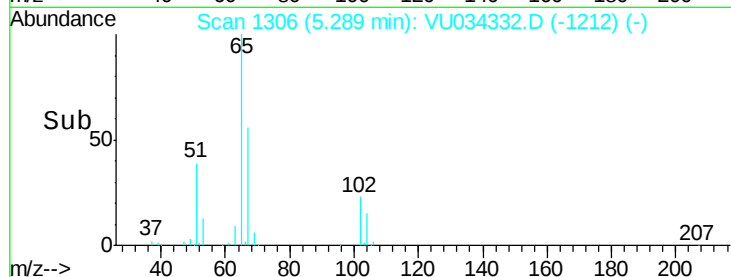
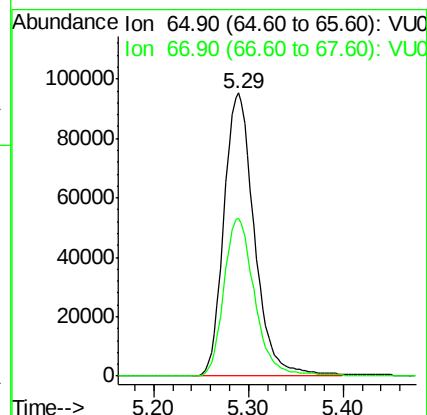
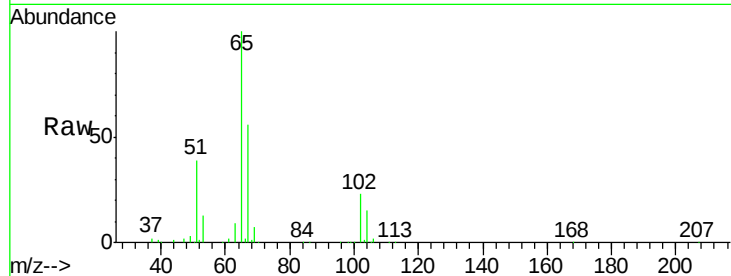




#33
 1,2-Dichloroethane-d4
 Concen: 47.940 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034332.D
 Acq: 06 Sep 2019 15:48

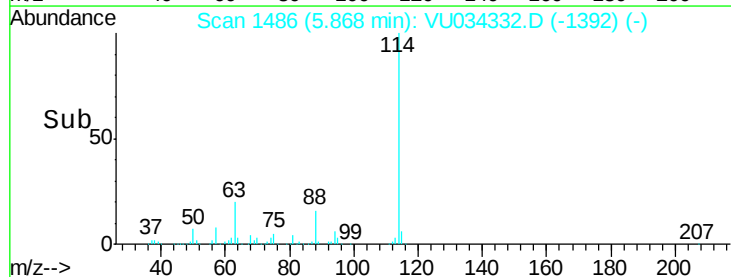
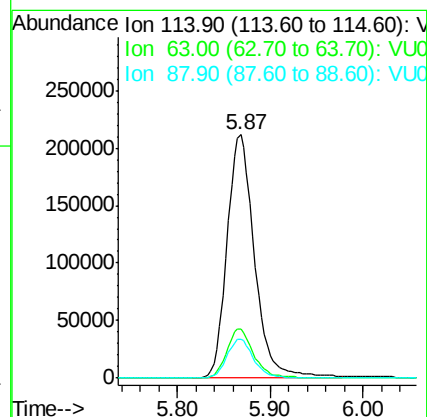
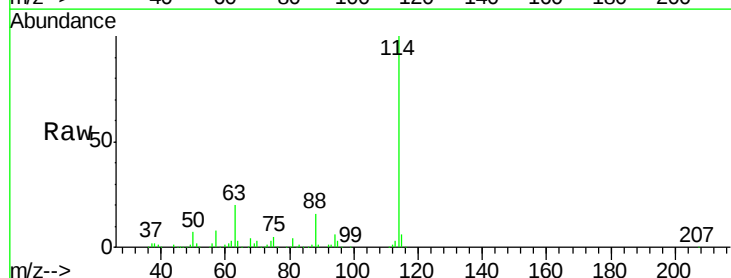
Instrument :
 MSVOA_U
 ClientSampleId :
 GW-200-B4-47.0-52.0-090519DL

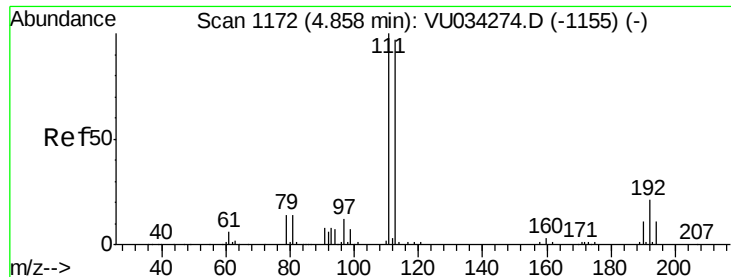
Tot Ion: 65 Resp: 213841
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034332.D
 Acq: 06 Sep 2019 15:48

Tgt Ion: 114 Resp: 435096
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.4
 88 16.0 0.0 32.4

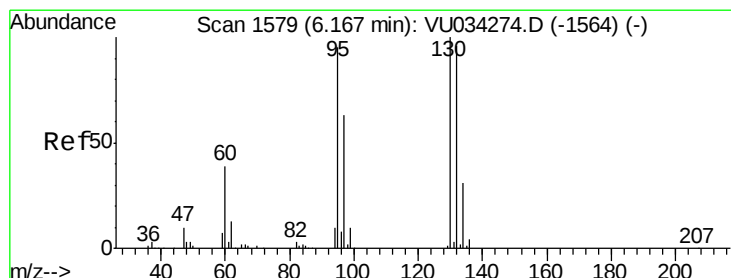
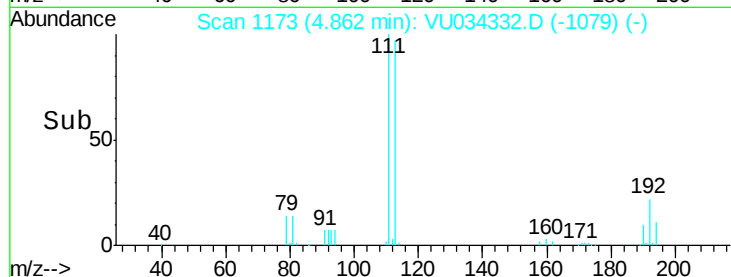
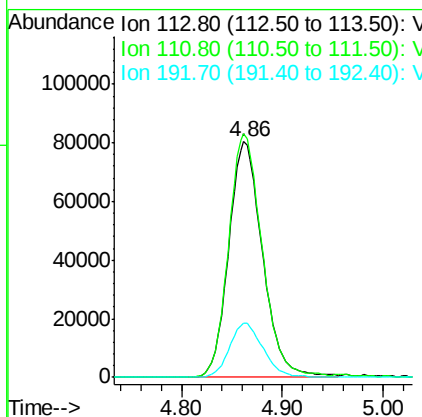
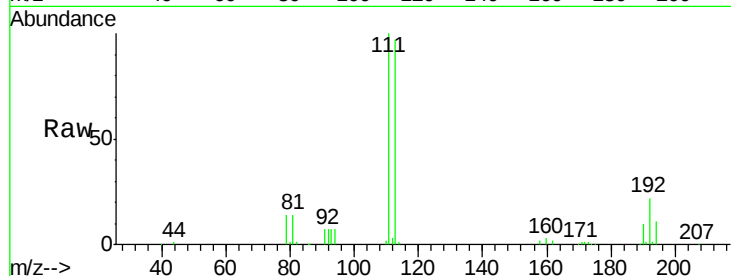




#35
 Dibromofluoromethane
 Concen: 46.410 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034332.D
 Acq: 06 Sep 2019 15:48

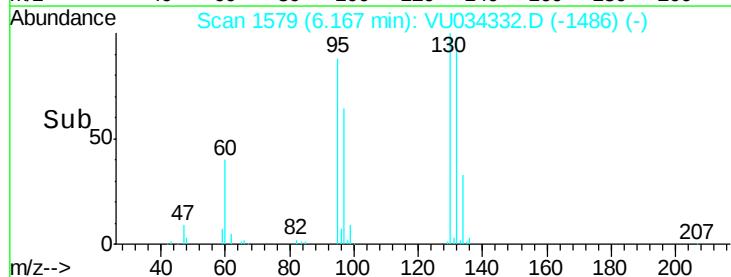
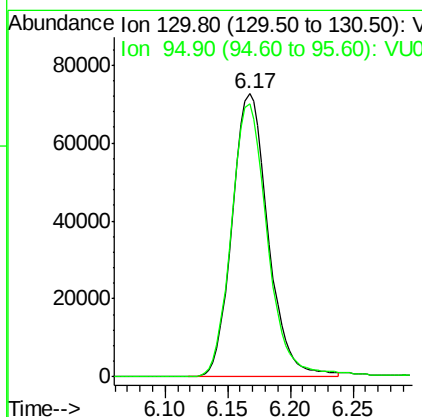
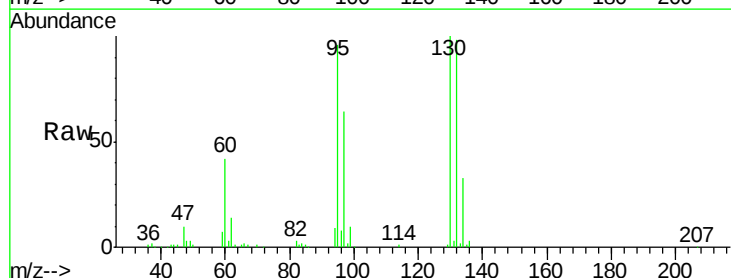
Instrument :
 MSVOA_U
 ClientSampleId :
 GW-200-B4-47.0-52.0-090519DL

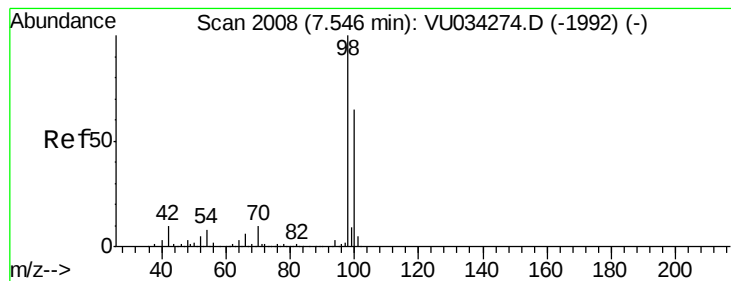
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.5	122.3
192	23.0	17.8	26.8



#44
 Trichloroethene
 Concen: 34.520 ug/l
 RT: 6.17 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: VU034332.D
 Acq: 06 Sep 2019 15:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	189.2





#50

Toluene-d8

Concen: 47.363 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034332.D

Acq: 06 Sep 2019 15:48

Instrument :

MSVOA_U

ClientSampleId :

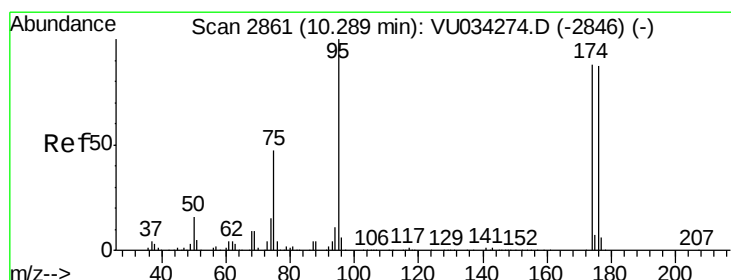
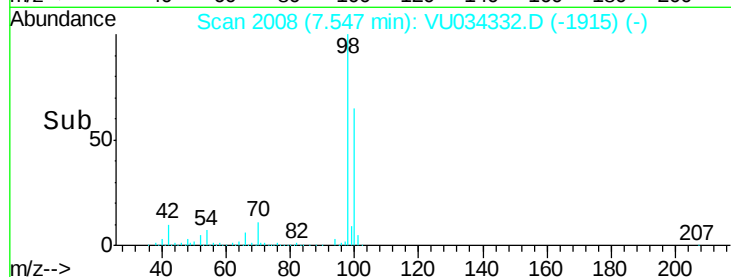
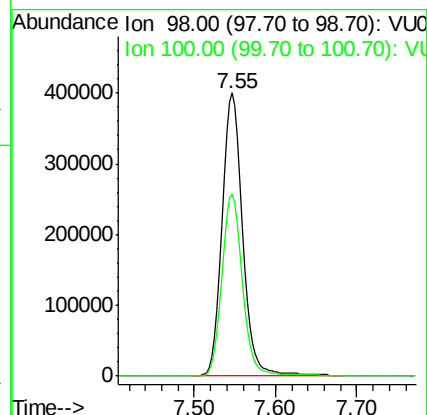
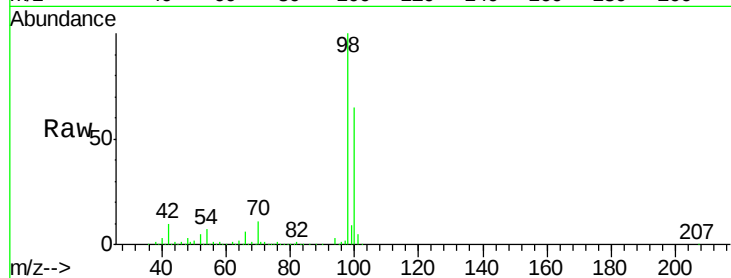
GW-200-B4-47.0-52.0-090519DL

Tot Ion: 98 Resp: 720426

Ion Ratio Lower Upper

98 100

100 64.3 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 44.065 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034332.D

Acq: 06 Sep 2019 15:48

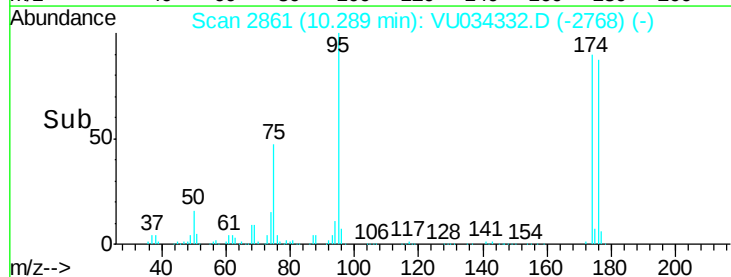
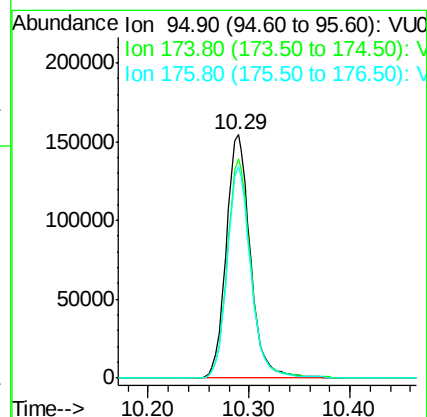
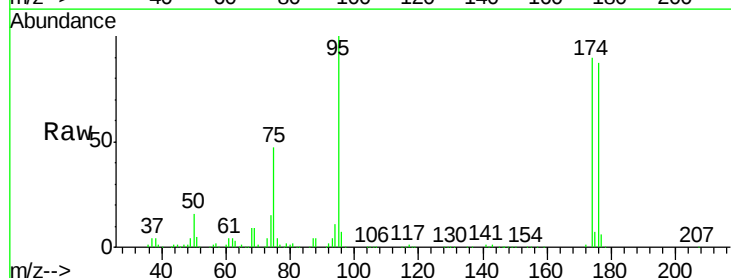
Tgt Ion: 95 Resp: 258783

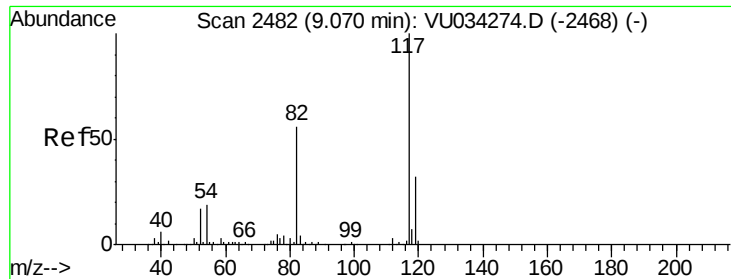
Ion Ratio Lower Upper

95 100

174 88.8 0.0 175.2

176 85.3 0.0 168.0

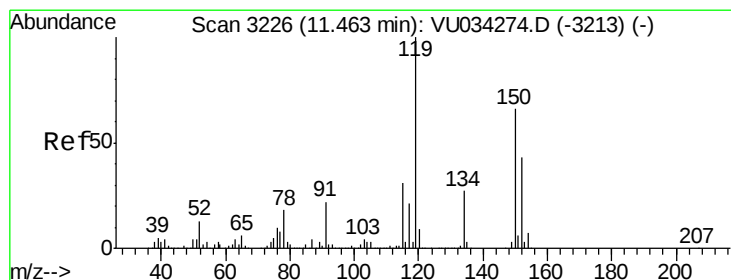
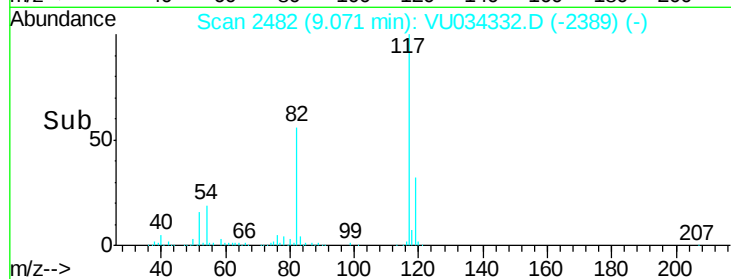
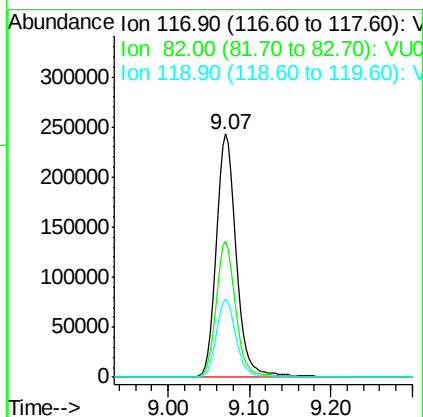
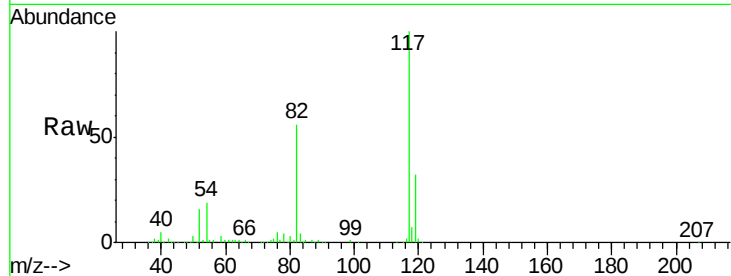




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034332.D
Acq: 06 Sep 2019 15:48

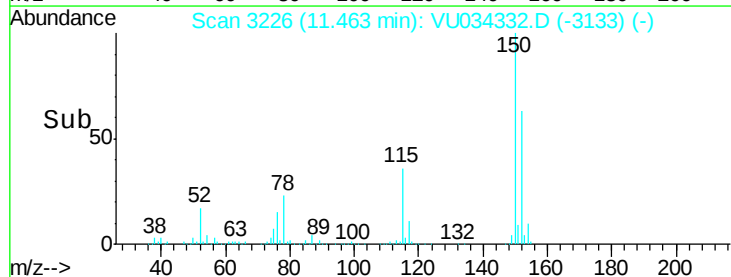
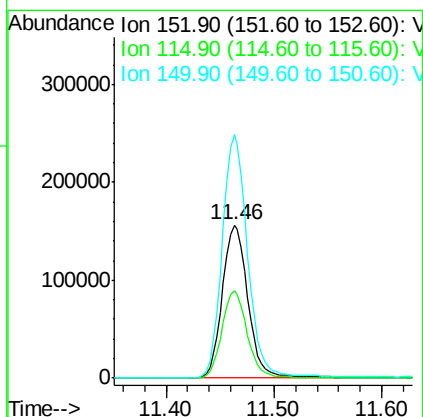
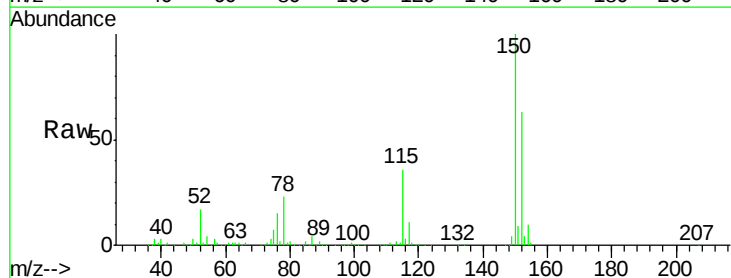
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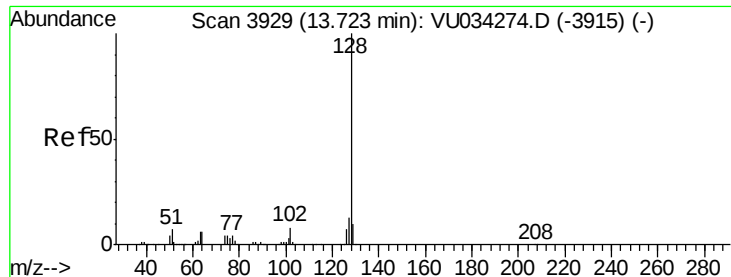
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.6	67.0
119	32.1	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VU034332.D
Acq: 06 Sep 2019 15:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	39.1	117.3
150	158.1	0.0	345.4

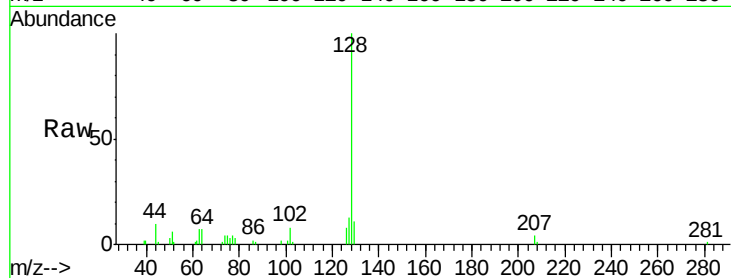




#95
Naphthalene
Concen: 6.374 ug/l
RT: 13.74 min Scan# 3933
Delta R.T. 0.01 min
Lab File: VU034332.D
Acq: 06 Sep 2019 15:48

Instrument :
MSVOA_U
ClientSampleId :
GW-200-B4-47.0-52.0-090519DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.6	15.8
129	8.8	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

