

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090719\
 Data File : VU034328.D
 Acq On : 06 Sep 2019 14:15
 Operator : JC/SP
 Sample : K4722-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Sep 06 16:06:29 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	316336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	466461	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	455542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	280051	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.29	65	233068	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	
35) Dibromofluoromethane	4.86	113	203751	46.94	ug/l	0.00
Spiked Amount			Recovery	=	93.88%	
50) Toluene-d8	7.55	98	771651	47.32	ug/l	0.00
Spiked Amount			Recovery	=	94.64%	
62) 4-Bromofluorobenzene	10.29	95	278552	44.24	ug/l	0.00
Spiked Amount			Recovery	=	88.48%	

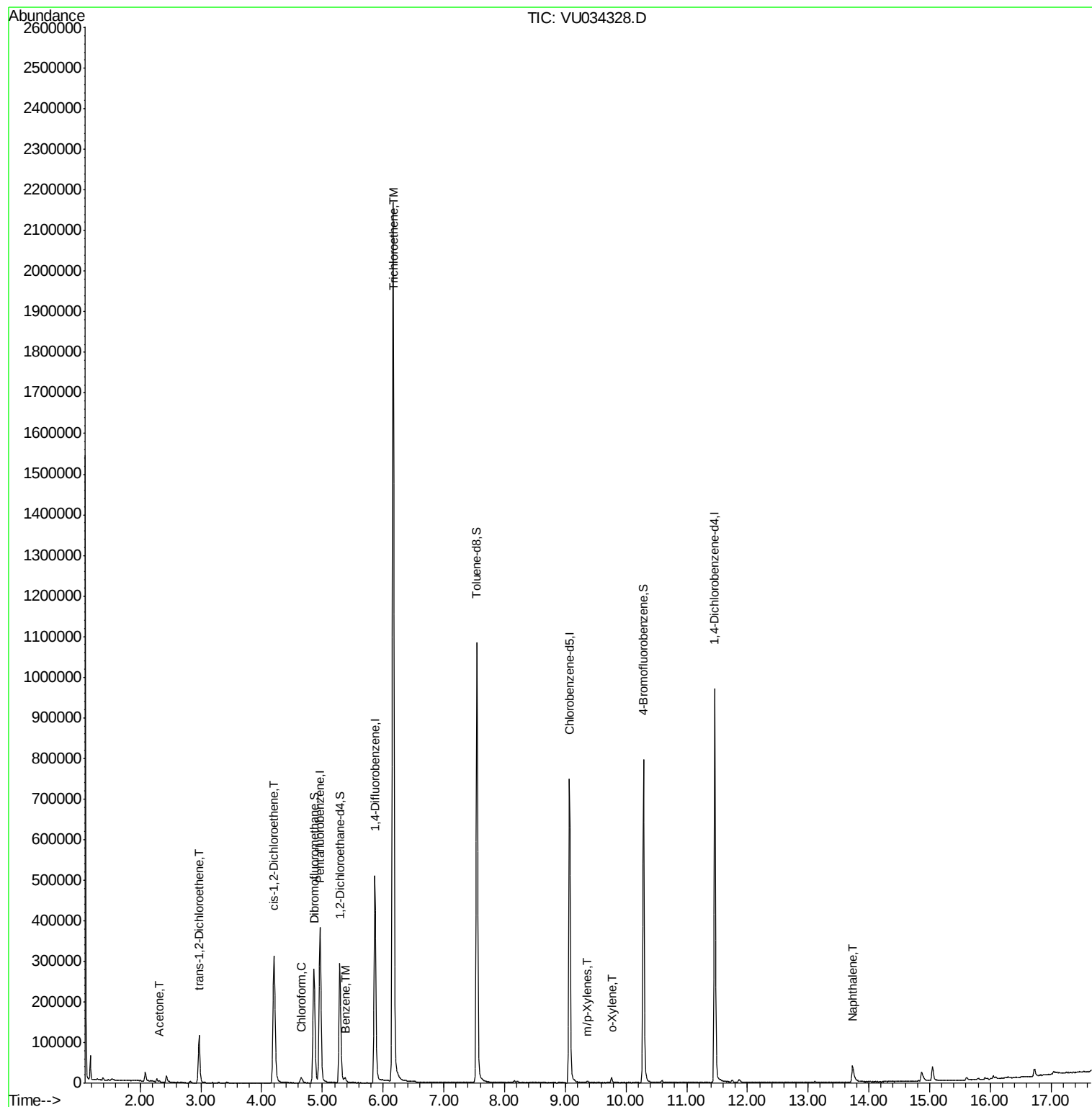
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.31	43	4723	1.907	ug/l	97
21) trans-1,2-Dichloroethene	2.97	96	48366	13.335	ug/l	97
27) cis-1,2-Dichloroethene	4.20	96	191395	43.449	ug/l	87
30) Chloroform	4.66	83	13843	1.777	ug/l	96
40) Benzene	5.38	78	9162	0.561	ug/l #	89
44) Trichloroethene	6.17	130	822675	182.126	ug/l	99
68) m/p-Xylenes	9.37	106	1429	0.201	ug/l	77
69) o-Xylene	9.76	106	4261	0.612	ug/l	98
95) Naphthalene	13.74	128	53773	6.618	ug/l	99

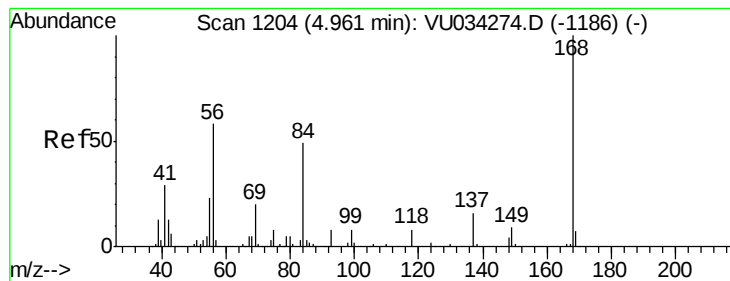
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034328.D

Acq: 06 Sep 2019 14:15

Instrument :

MSVOA_U

ClientSampleId :

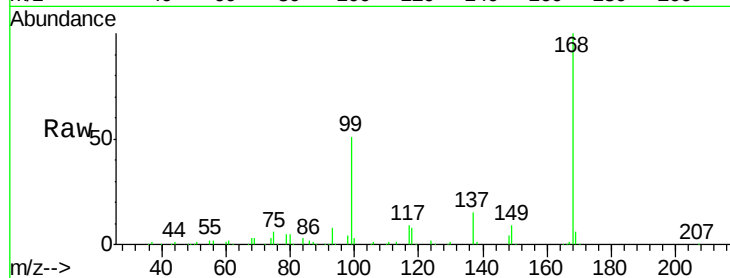
GW-200-B4-47.0-52.0-090519

Tot Ion:168 Resp: 316336

Ion Ratio Lower Upper

168 100

99 50.7 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034328.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034328.D (-1186) (-)

4.96

150000

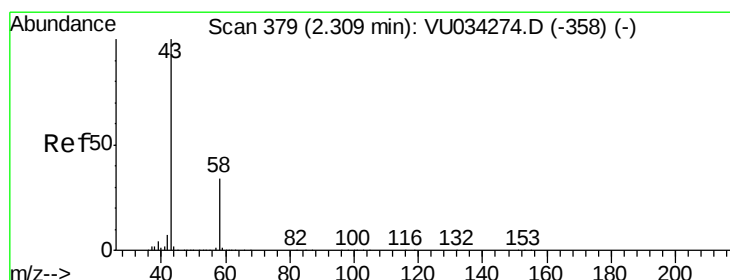
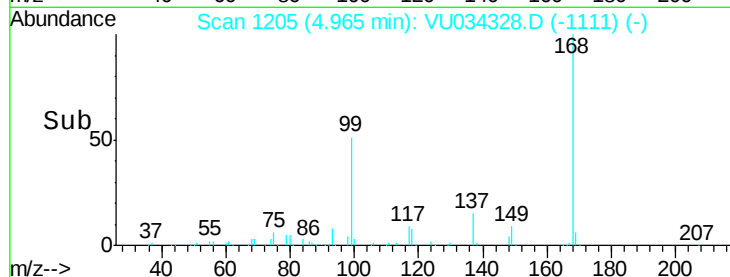
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 1.907 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034328.D

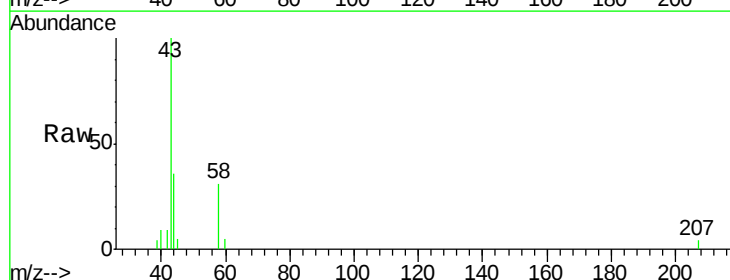
Acq: 06 Sep 2019 14:15

Tgt Ion: 43 Resp: 4723

Ion Ratio Lower Upper

43 100

58 32.7 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034328.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034328.D (-286) (-)

2.31

3000

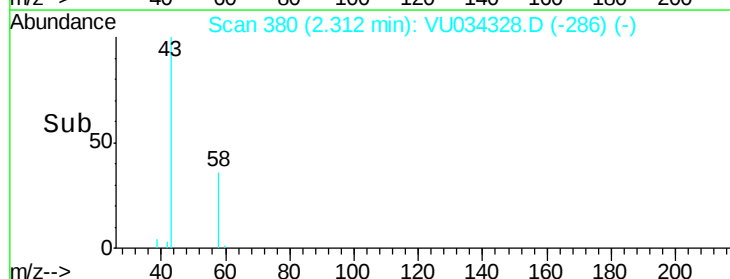
2000

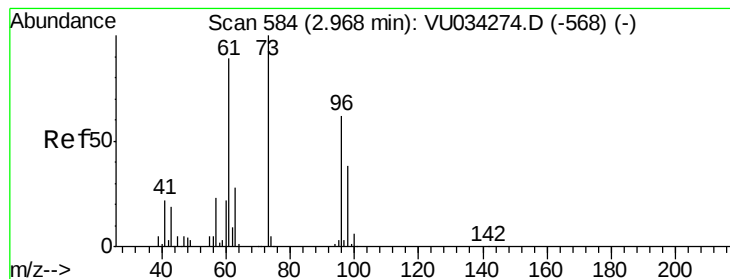
1000

0

2.25 2.30 2.35

Time-->





#21

trans-1,2-Dichloroethene

Concen: 13.335 ug/l

RT: 2.97 min Scan# 584

Delta R.T. 0.00 min

Lab File: VU034328.D

Acq: 06 Sep 2019 14:15

Instrument :

MSVOA_U

ClientSampleId :

GW-200-B4-47.0-52.0-090519

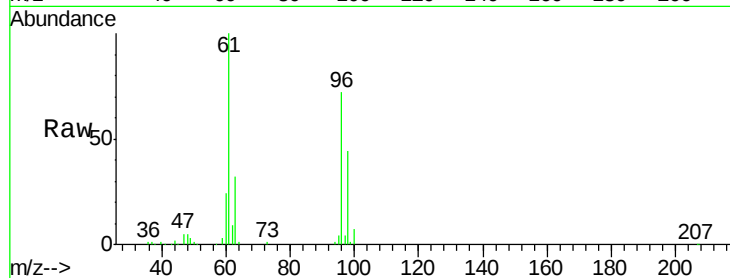
Tot Ion: 96 Resp: 48366

Ion Ratio Lower Upper

96 100

61 139.0 114.8 172.2

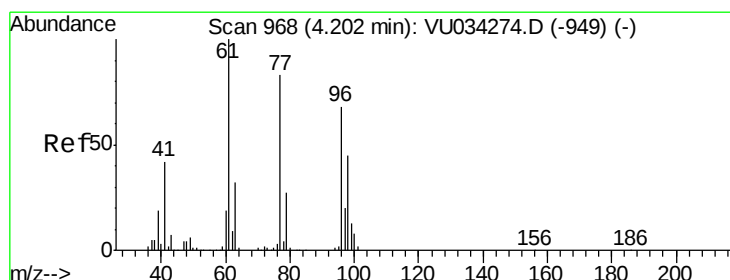
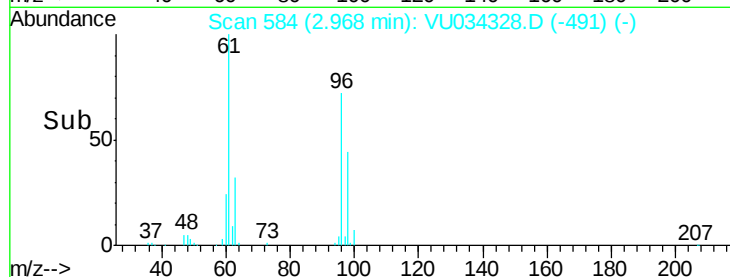
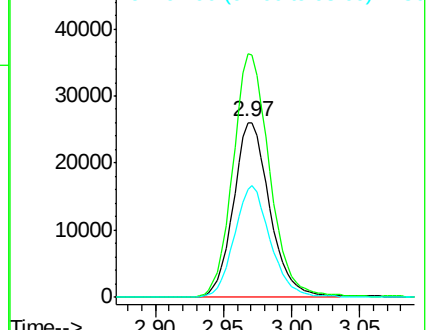
98 61.4 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VU034328.D (-491) (-)

Ion 60.90 (60.60 to 61.60): VU034328.D (-491) (-)

Ion 97.90 (97.60 to 98.60): VU034328.D (-491) (-)



#27

cis-1,2-Dichloroethene

Concen: 43.449 ug/l

RT: 4.20 min Scan# 968

Delta R.T. -0.00 min

Lab File: VU034328.D

Acq: 06 Sep 2019 14:15

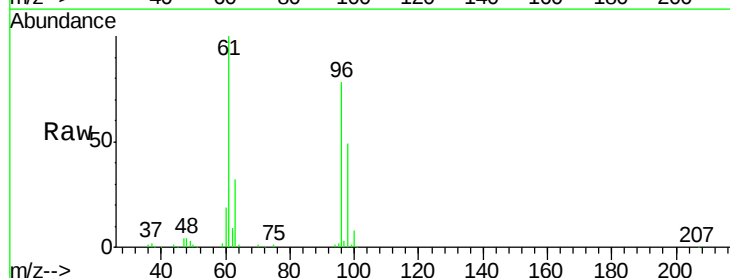
Tgt Ion: 96 Resp: 191395

Ion Ratio Lower Upper

96 100

61 127.2 0.0 297.4

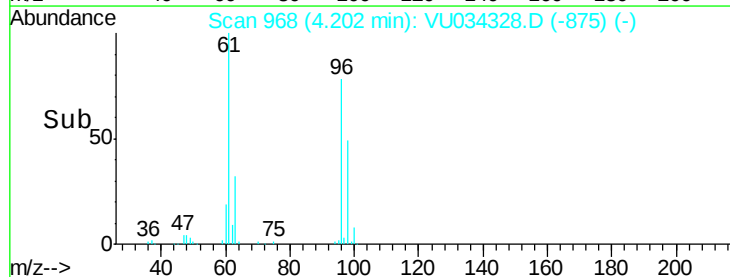
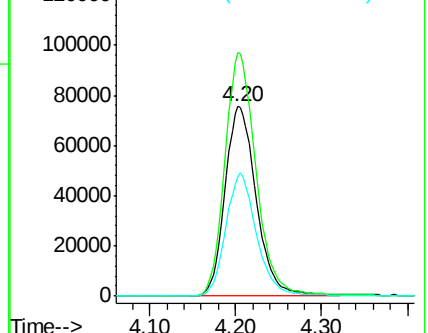
98 63.2 0.0 130.0

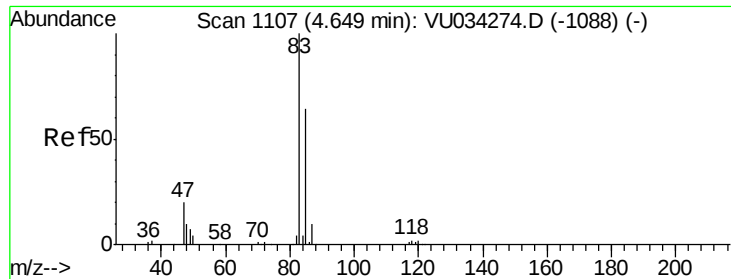


Abundance Ion 95.90 (95.60 to 96.60): VU034328.D (-875) (-)

Ion 60.90 (60.60 to 61.60): VU034328.D (-875) (-)

Ion 97.90 (97.60 to 98.60): VU034328.D (-875) (-)

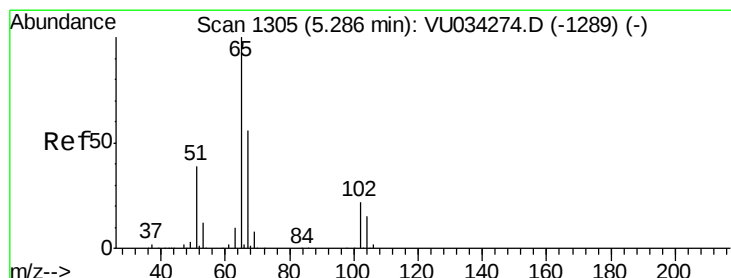
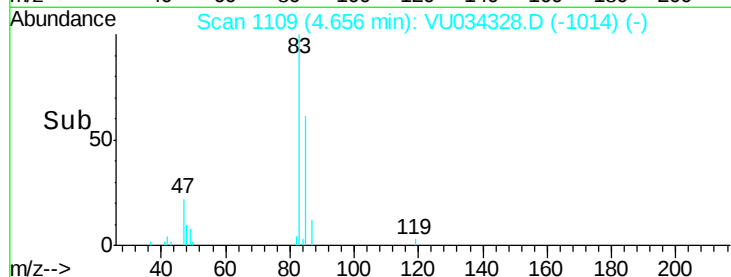
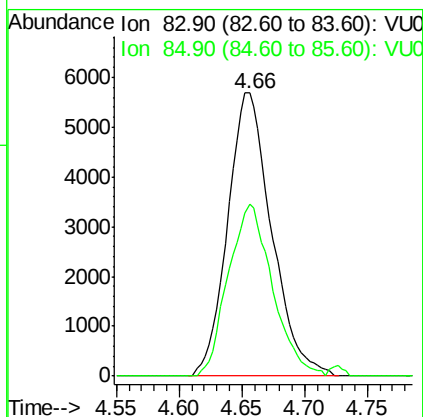
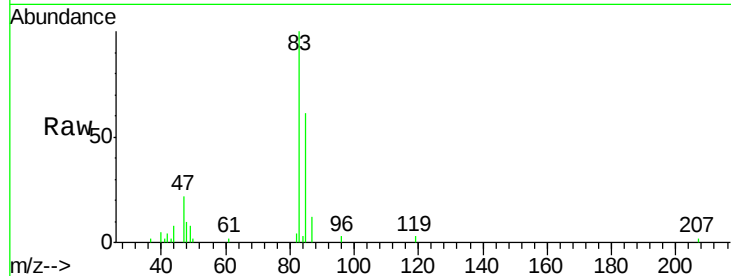




#30
Chloroform
Concen: 1.777 ug/l
RT: 4.66 min Scan# 1109
Delta R.T. 0.01 min
Lab File: VU034328.D
Acq: 06 Sep 2019 14:15

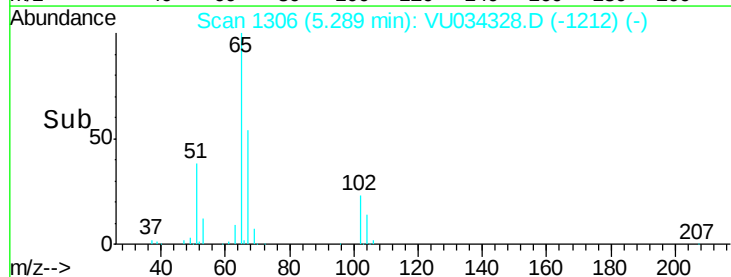
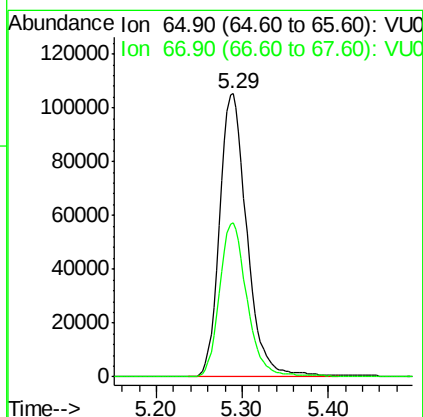
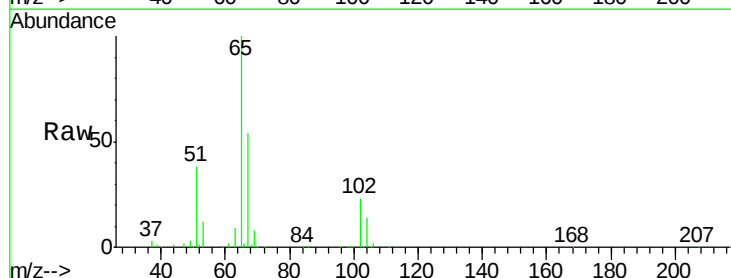
Instrument :
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GW-200-B4-47.0-52.0-090519

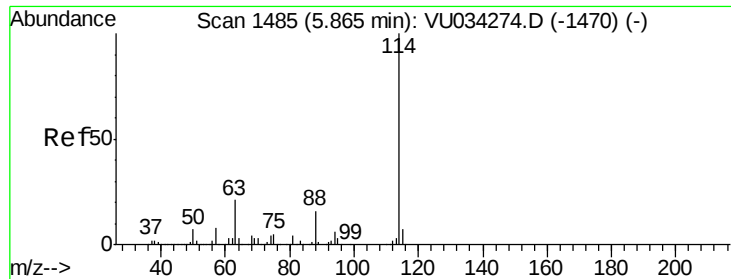
Tot Ion: 83 Resp: 13843
Ion Ratio Lower Upper
83 100
85 60.9 51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: 48.695 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034328.D
Acq: 06 Sep 2019 14:15

Tgt Ion: 65 Resp: 233068
Ion Ratio Lower Upper
65 100
67 55.0 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: VU034328.D

Acq: 06 Sep 2019 14:15

Instrument :

MSVOA_U

ClientSampleId :

GW-200-B4-47.0-52.0-090519

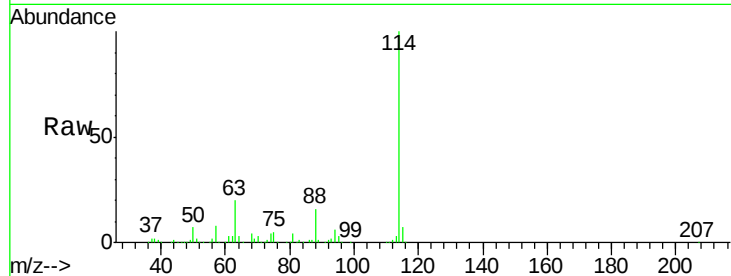
Tot Ion:114 Resp: 466461

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

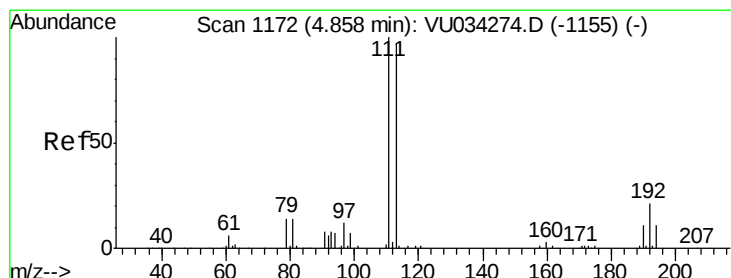
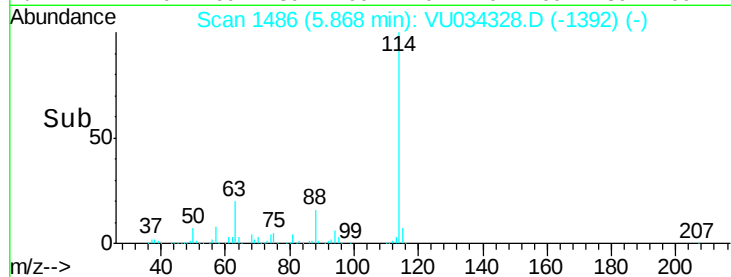
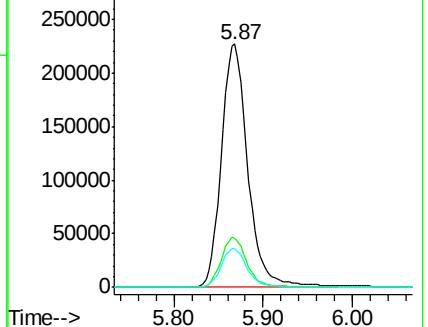
88 16.0 0.0 32.4



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: 46.943 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034328.D

Acq: 06 Sep 2019 14:15

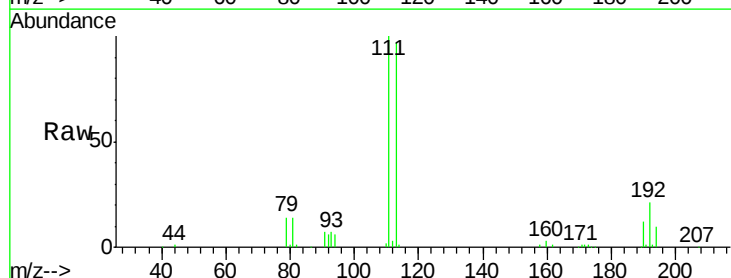
Tgt Ion:113 Resp: 203751

Ion Ratio Lower Upper

113 100

111 102.0 81.5 122.3

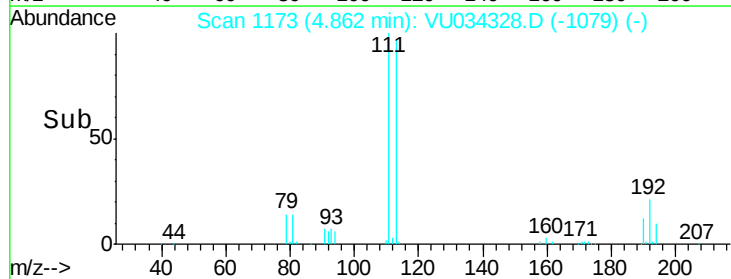
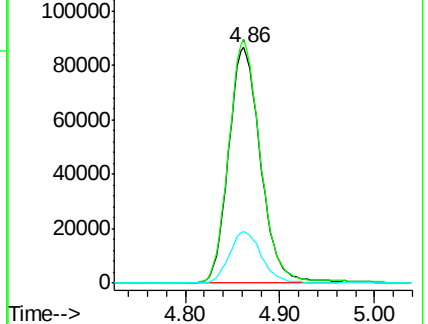
192 22.0 17.8 26.8

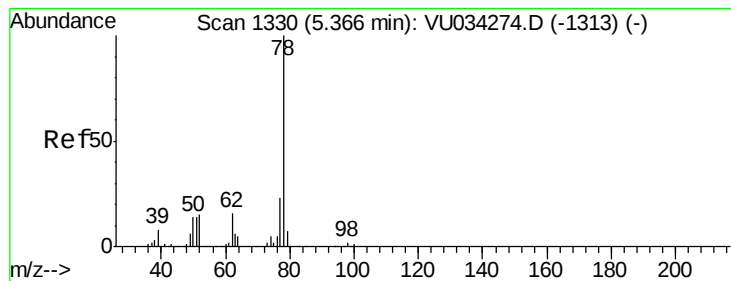


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.561 ug/l

RT: 5.38 min Scan# 1334

Delta R.T. 0.01 min

Lab File: VU034328.D

Acq: 06 Sep 2019 14:15

Instrument :

MSVOA_U

ClientSampleId :

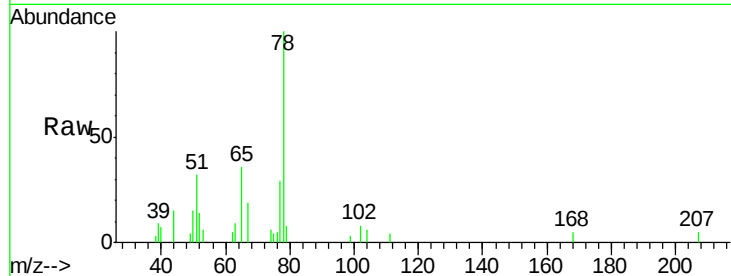
GW-200-B4-47.0-52.0-090519

Tot Ion: 78 Resp: 9162

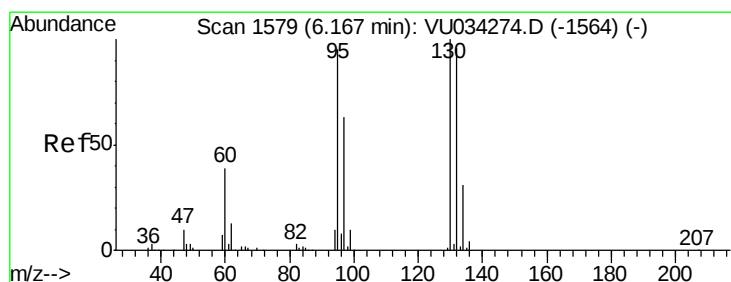
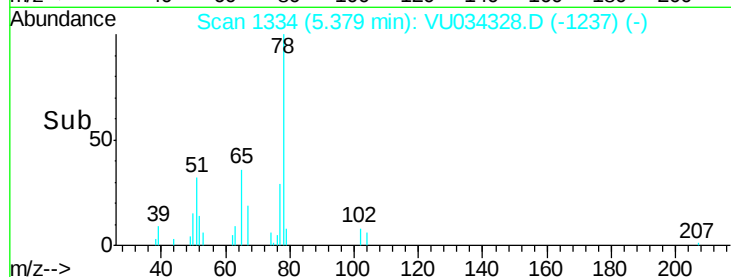
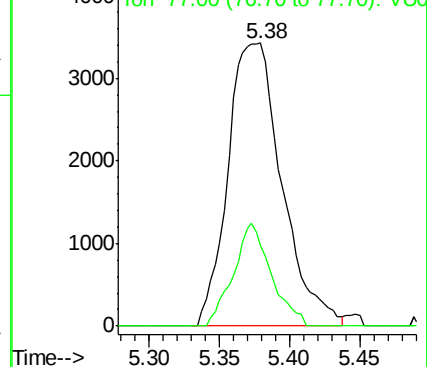
Ion Ratio Lower Upper

78 100

77 28.8 18.7 28.1#



Abundance Ion 78.00 (77.70 to 78.70): VU034328.D (-1313) (-)



#44

Trichloroethene

Concen: 182.126 ug/l

RT: 6.17 min Scan# 1579

Delta R.T. -0.00 min

Lab File: VU034328.D

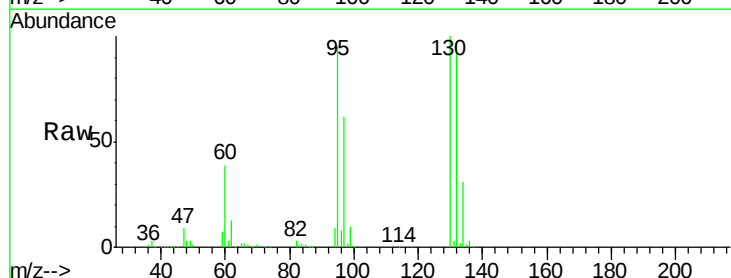
Acq: 06 Sep 2019 14:15

Tgt Ion: 130 Resp: 822675

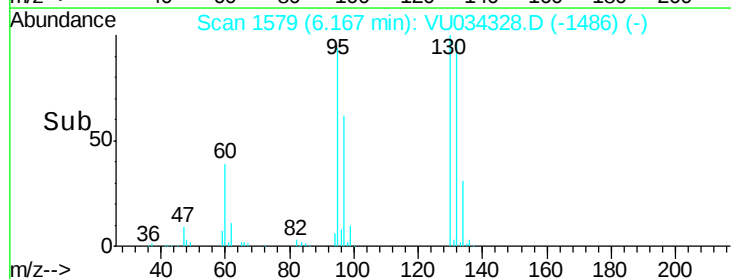
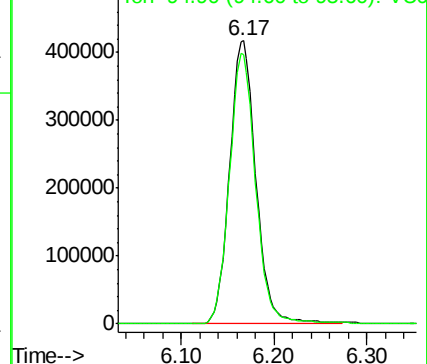
Ion Ratio Lower Upper

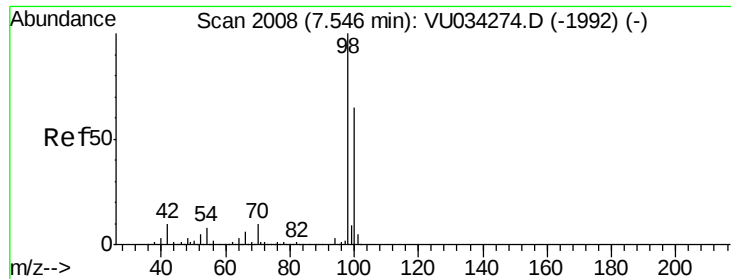
130 100

95 95.4 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): VU034328.D (-1564) (-)





#50

Toluene-d8

Concen: 47.320 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034328.D

Acq: 06 Sep 2019 14:15

Instrument :

MSVOA_U

ClientSampleId :

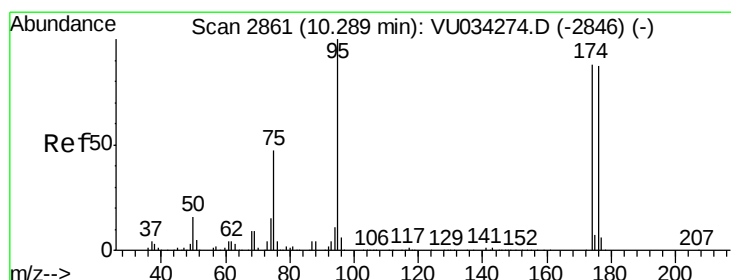
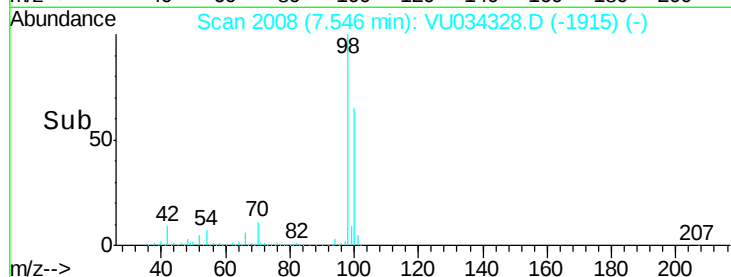
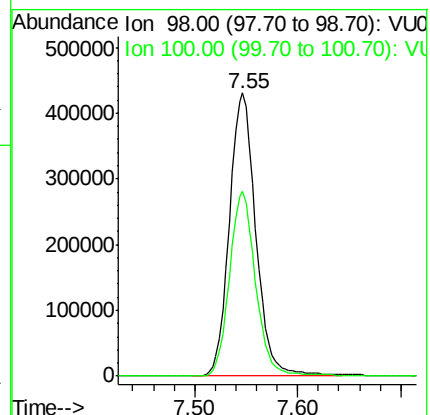
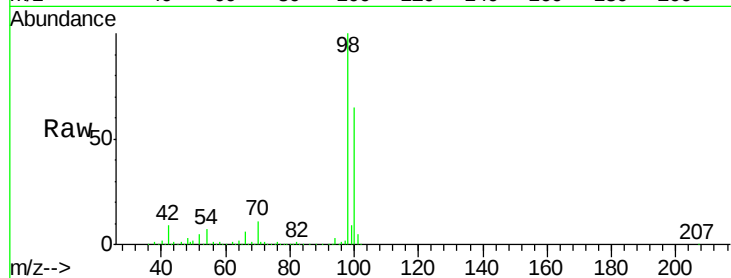
GW-200-B4-47.0-52.0-090519

Tot Ion: 98 Resp: 771651

Ion Ratio Lower Upper

98 100

100 64.8 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 44.242 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VU034328.D

Acq: 06 Sep 2019 14:15

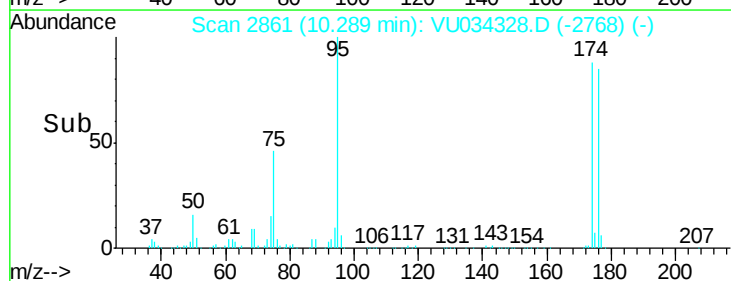
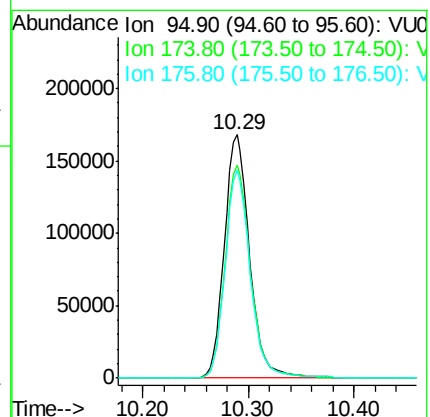
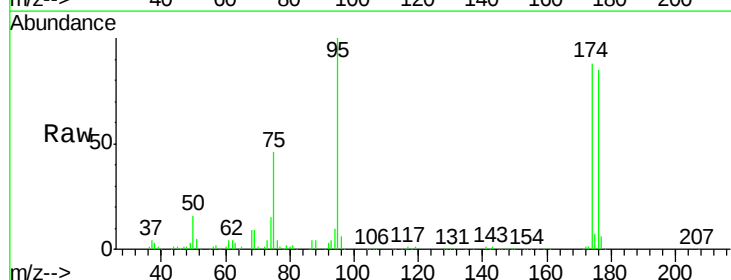
Tgt Ion: 95 Resp: 278552

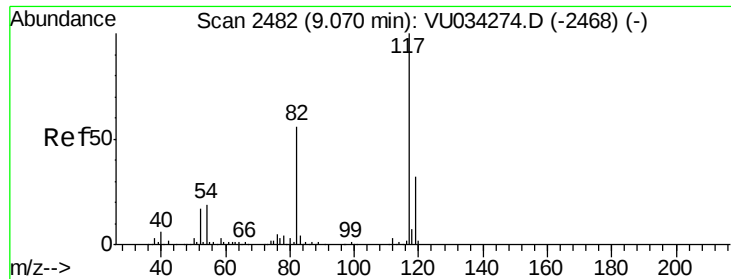
Ion Ratio Lower Upper

95 100

174 88.0 0.0 175.2

176 84.3 0.0 168.0

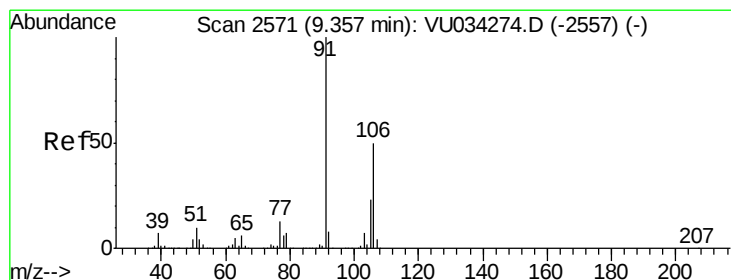
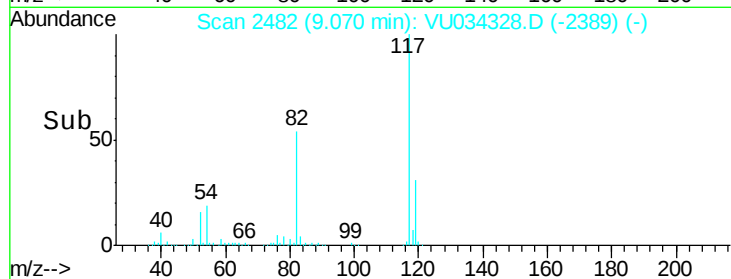
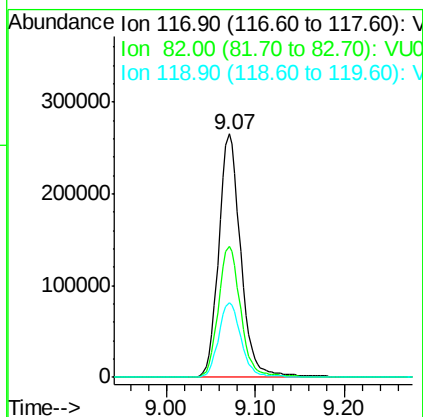
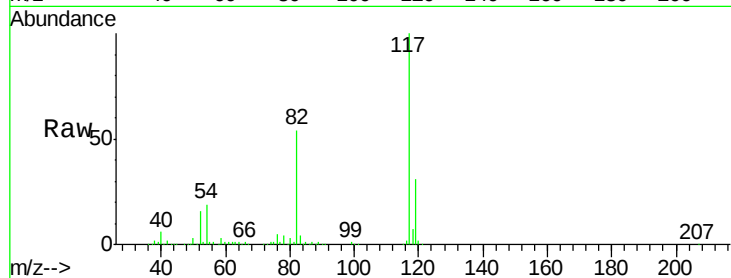




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034328.D
Acq: 06 Sep 2019 14:15

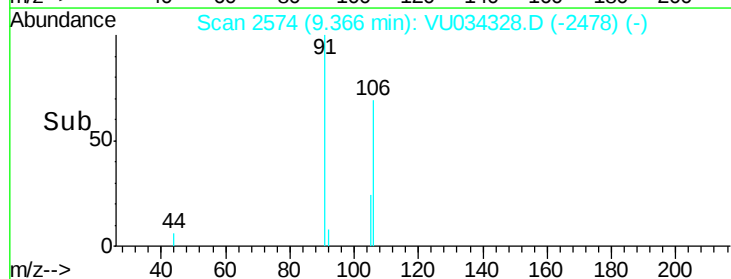
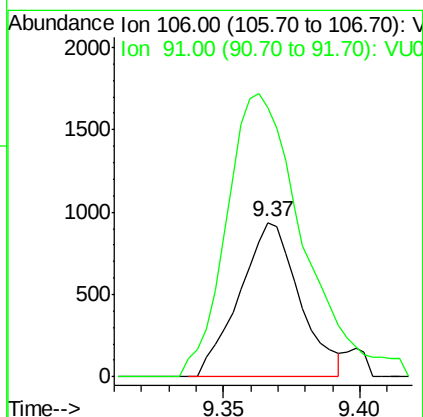
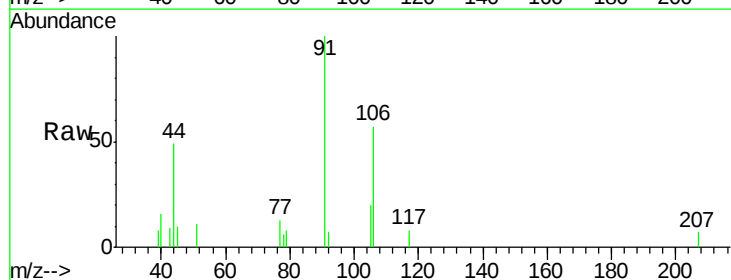
Instrument :
MSVOA_U
ClientSampleId :
GW-200-B4-47.0-52.0-090519

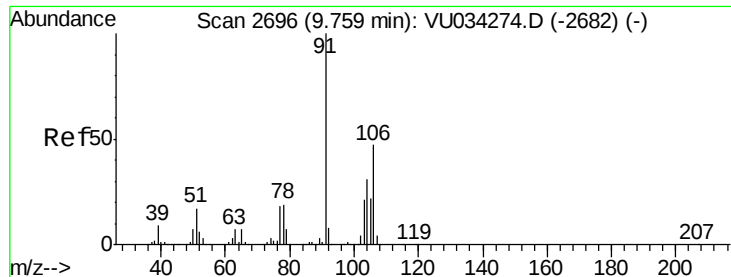
Tot Ion:117 Resp: 455542
Ion Ratio Lower Upper
117 100
82 53.8 44.6 67.0
119 30.7 25.9 38.9



#68
m/p-Xylenes
Concen: 0.201 ug/l
RT: 9.37 min Scan# 2574
Delta R.T. 0.01 min
Lab File: VU034328.D
Acq: 06 Sep 2019 14:15

Tgt Ion:106 Resp: 1429
Ion Ratio Lower Upper
106 100
91 235.1 160.1 240.1

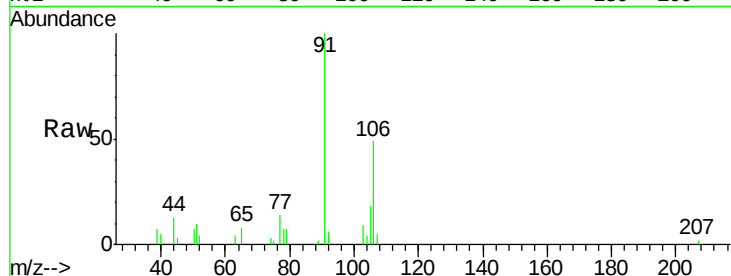




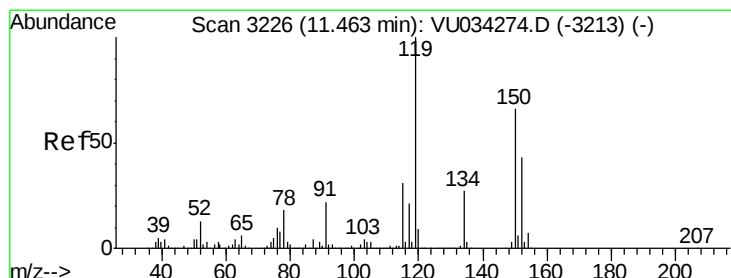
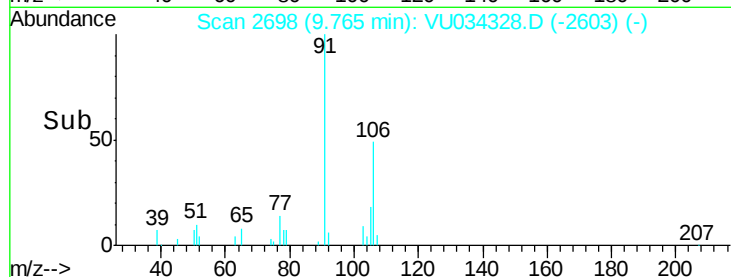
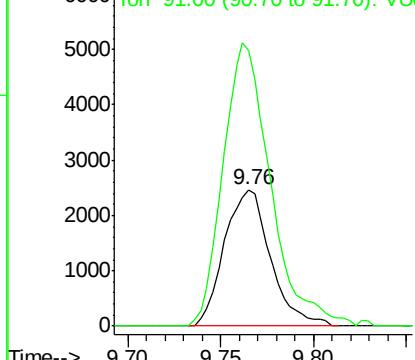
#69
o-Xylene
Concen: 0.612 ug/l
RT: 9.76 min Scan# 2698
Delta R.T. 0.01 min
Lab File: VU034328.D
Acq: 06 Sep 2019 14:15

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

Tot Ion:106 Resp: 4261
Ion Ratio Lower Upper
106 100
91 213.5 105.1 315.3

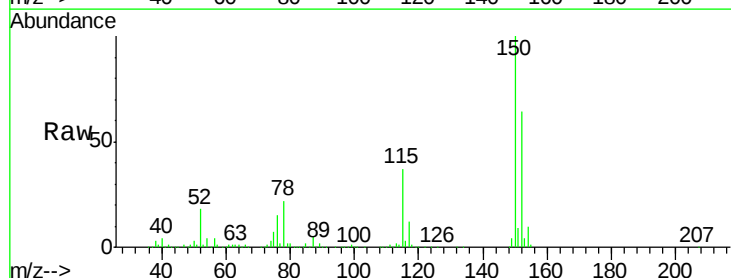


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

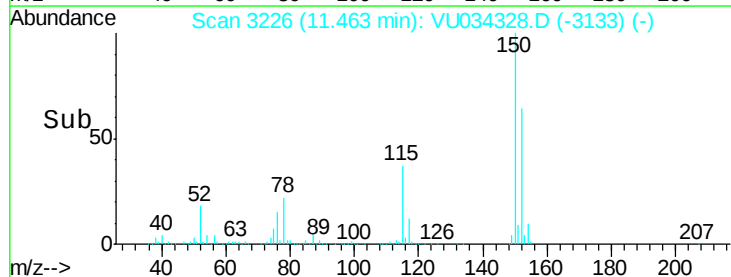
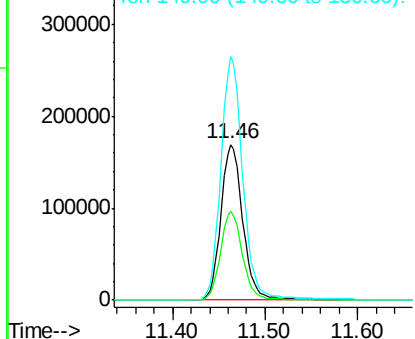


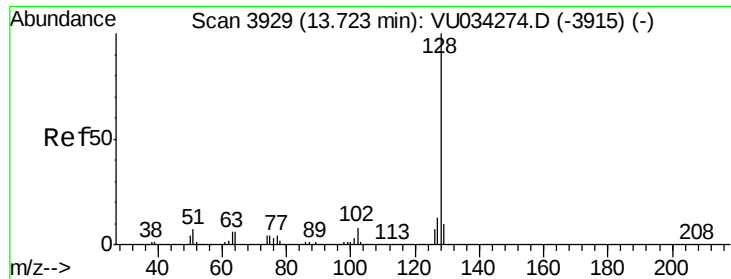
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VU034328.D
Acq: 06 Sep 2019 14:15

Tgt Ion:152 Resp: 280051
Ion Ratio Lower Upper
152 100
115 56.5 39.1 117.3
150 155.6 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

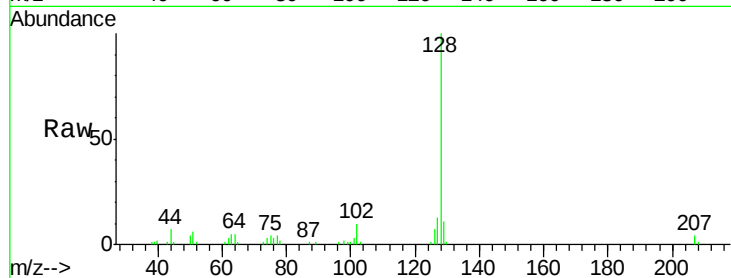




#95
 Naphthalene
 Concen: 6.618 ug/l
 RT: 13.74 min Scan# 3933
 Delta R.T. 0.01 min
 Lab File: VU034328.D
 Acq: 06 Sep 2019 14:15

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	10.1	8.4	12.6



Abundance Ion 128.00 (127.70 to 128.70): V

