

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091219\
 Data File : VU034531.D
 Acq On : 12 Sep 2019 19:33
 Operator : JC/SP
 Sample : K4756-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW11S-M27W1-090319

Quant Time: Sep 13 08:08:30 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

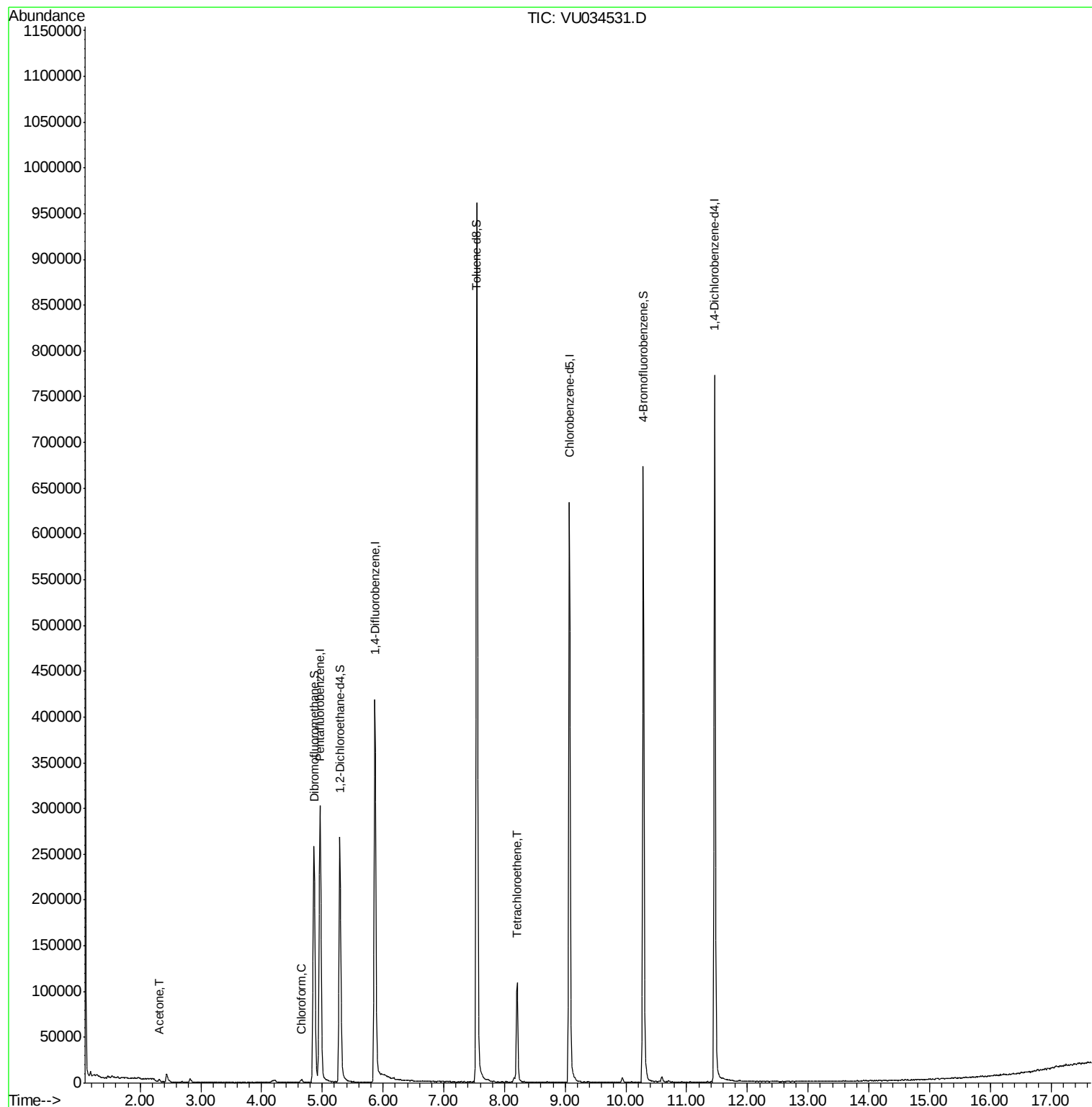
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	252623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	376515	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	387557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	223114	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	214364	56.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.16%	
35) Dibromofluoromethane	4.86	113	190346	54.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.66%	
50) Toluene-d8	7.55	98	686276	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.28%	
62) 4-Bromofluorobenzene	10.29	95	230222	45.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.60%	
Target Compounds						
16) Acetone	2.32	43	2898	1.465	ug/l	Qvalue 100
30) Chloroform	4.66	83	4145	0.666	ug/l #	83
64) Tetrachloroethene	8.21	164	27213	8.094	ug/l	98

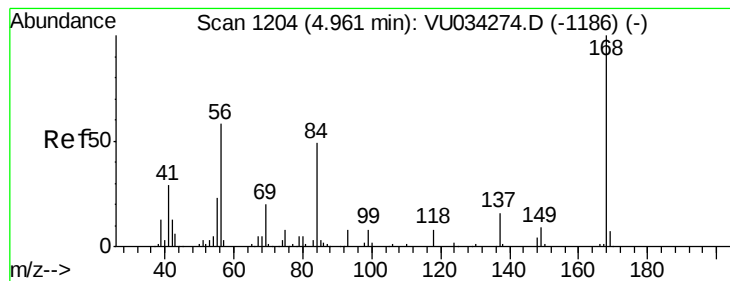
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

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Acq: 12 Sep 2019 19:33

Instrument :

MSVOA_U

ClientSampleId :

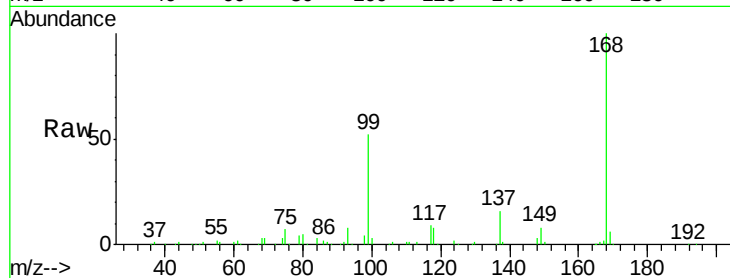
CPA-CPMW11S-M27W1-090319

Tot Ion:168 Resp: 252623

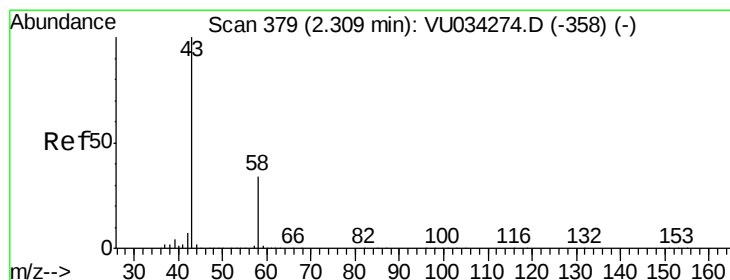
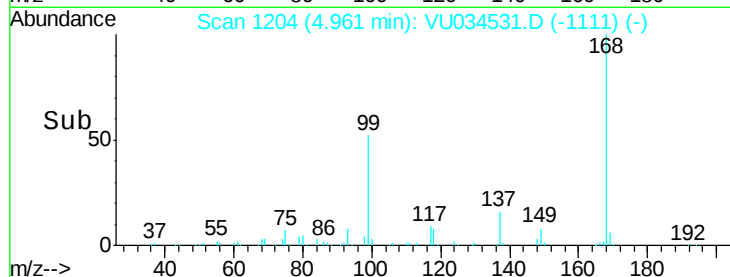
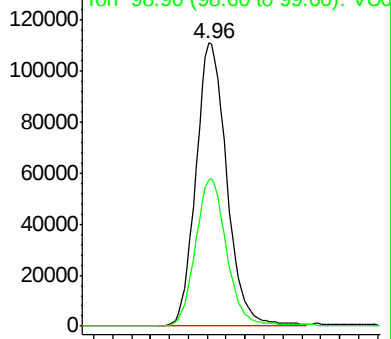
Ion Ratio Lower Upper

168 100

99 51.9 41.6 62.4



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



#16

Acetone

Concen: 1.465 ug/l

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

Lab File: VU034531.D

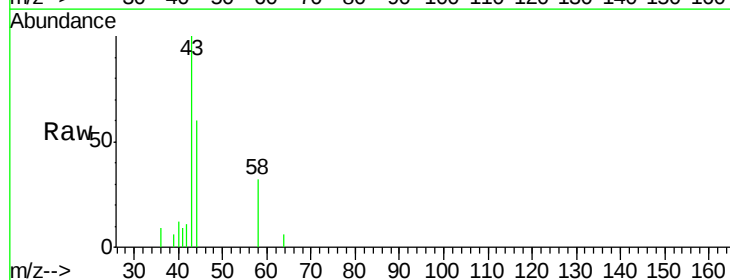
Acq: 12 Sep 2019 19:33

Tgt Ion: 43 Resp: 2898

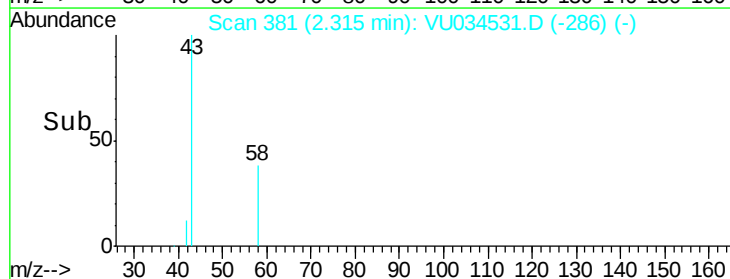
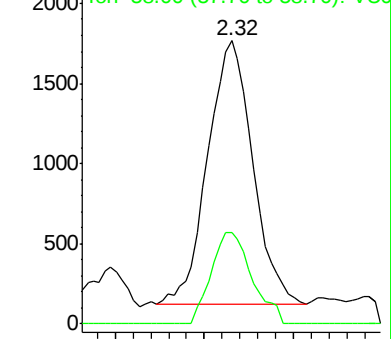
Ion Ratio Lower Upper

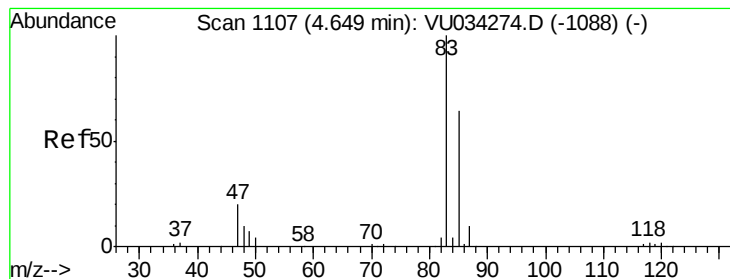
43 100

58 34.7 27.6 41.4



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

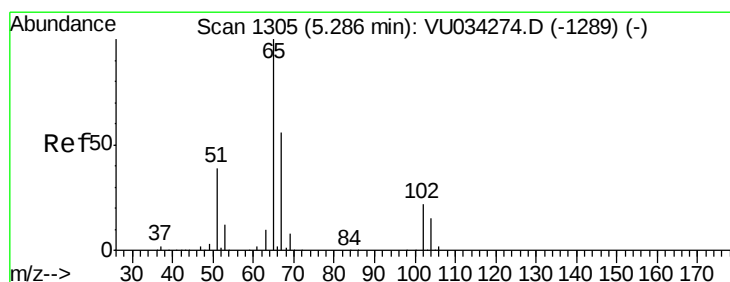
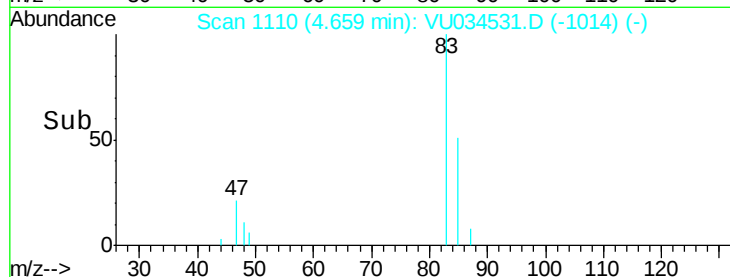
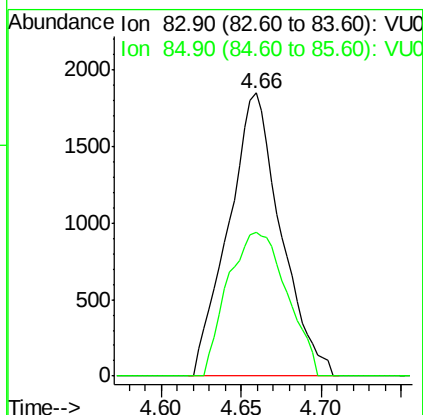
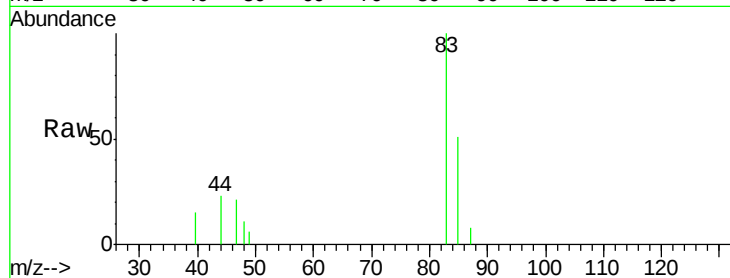




#30
Chloroform
Concen: 0.666 ug/l
RT: 4.66 min Scan# 1110
Delta R.T. 0.01 min
Lab File: VU034531.D
Acq: 12 Sep 2019 19:33

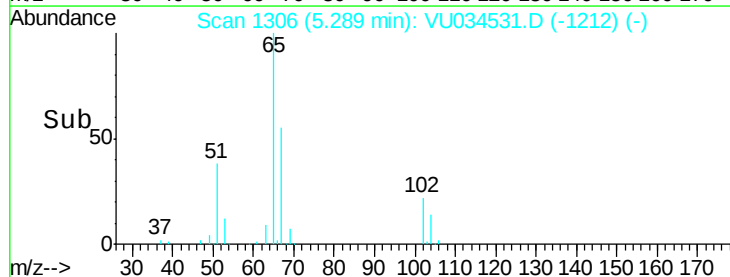
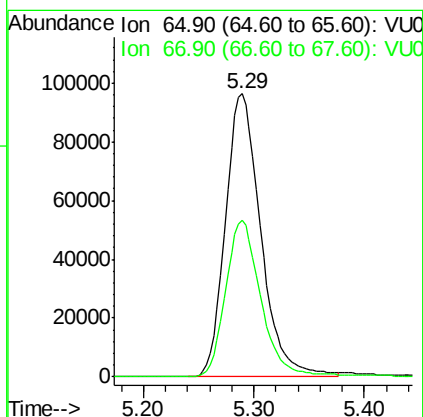
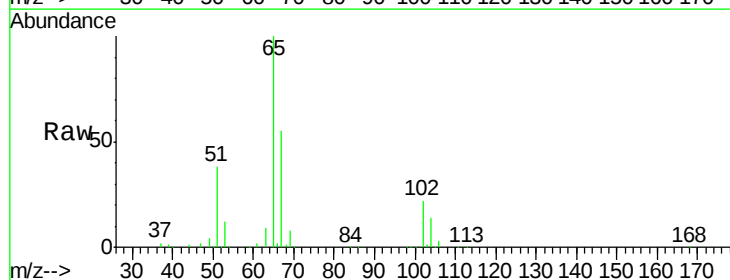
Instrument :
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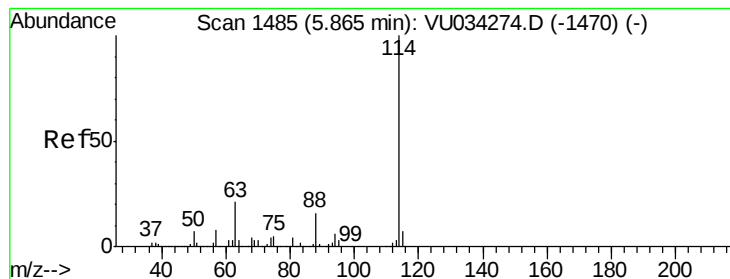
Tot Ion: 83 Resp: 4145
Ion Ratio Lower Upper
83 100
85 50.7 51.5 77.3#



#33
1,2-Dichloroethane-d4
Concen: 56.083 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034531.D
Acq: 12 Sep 2019 19:33

Tgt Ion: 65 Resp: 214364
Ion Ratio Lower Upper
65 100
67 55.5 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: VU034531.D

Acq: 12 Sep 2019 19:33

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW11S-M27W1-090319

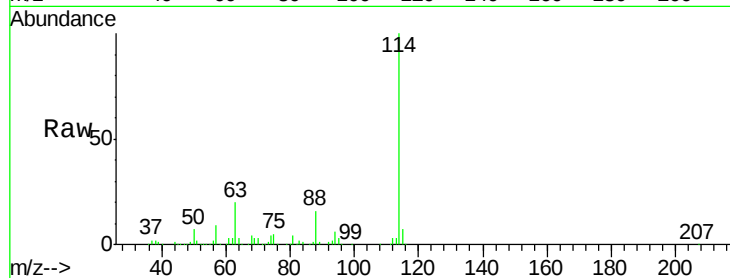
Tot Ion:114 Resp: 376515

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

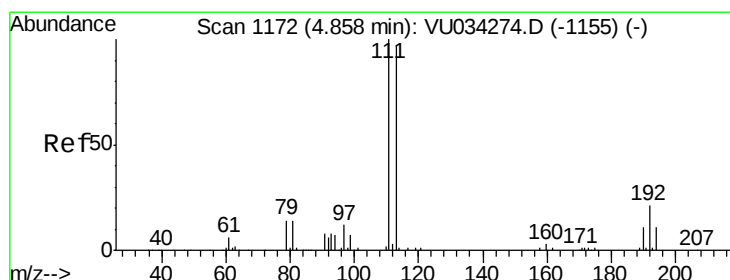
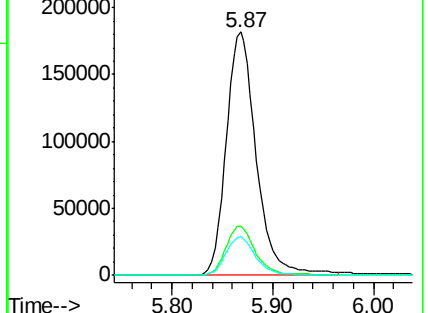
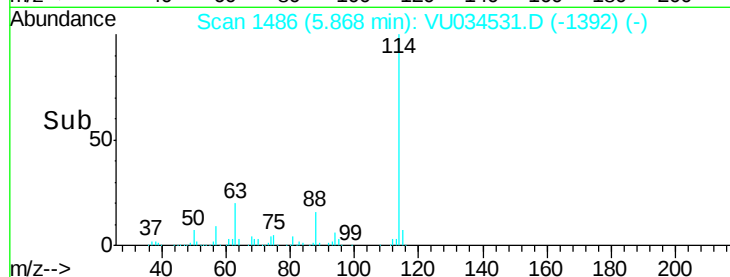
88 15.8 0.0 32.4



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: 54.330 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034531.D

Acq: 12 Sep 2019 19:33

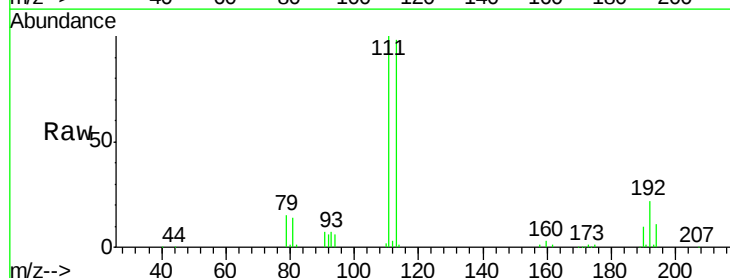
Tgt Ion:113 Resp: 190346

Ion Ratio Lower Upper

113 100

111 101.7 81.5 122.3

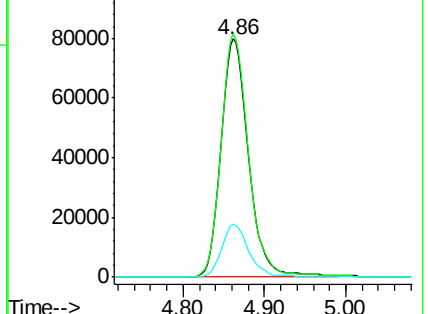
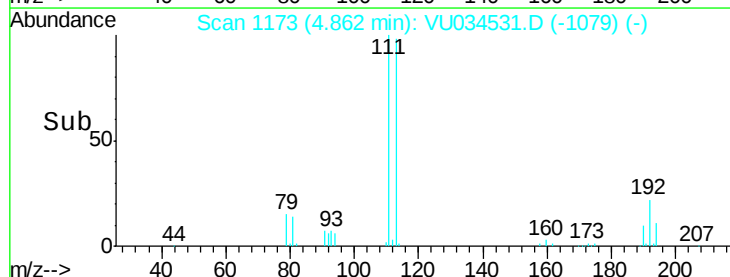
192 21.6 17.8 26.8

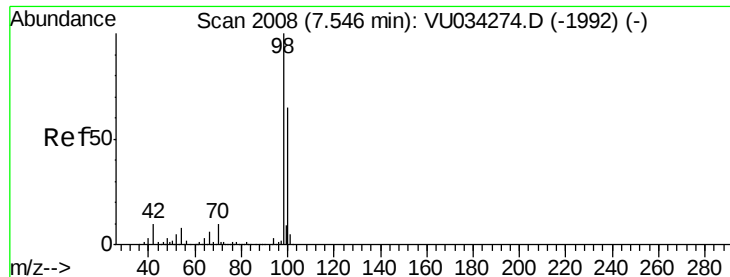


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.138 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034531.D

Acq: 12 Sep 2019 19:33

Instrument :

MSVOA_U

ClientSampleId :

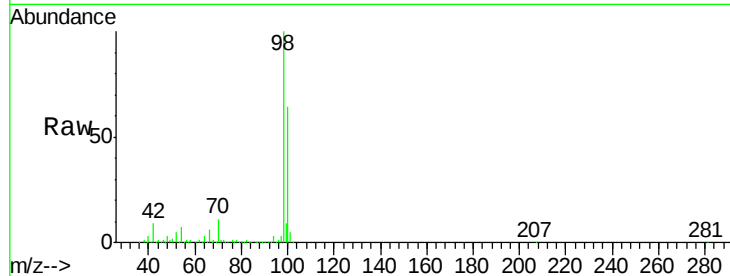
CPA-CPMW11S-M27W1-090319

Tot Ion: 98 Resp: 686276

Ion Ratio Lower Upper

98 100

100 63.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034274.D (-1992) (-)

Ion 100.00 (99.70 to 100.70): VU034274.D (-1992) (-)

7.55

400000

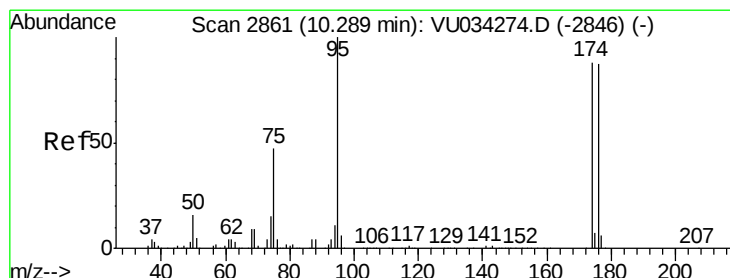
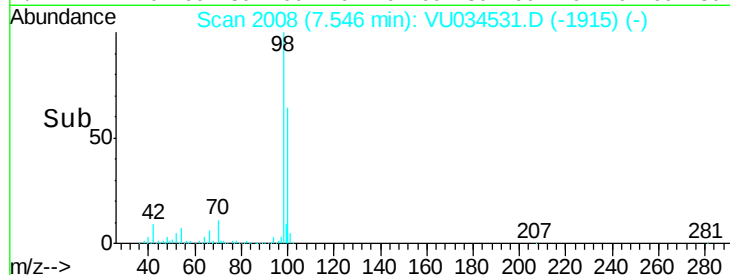
300000

200000

100000

0

Time--> 7.40 7.50 7.60 7.70



#62

4-Bromofluorobenzene

Concen: 45.301 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034531.D

Acq: 12 Sep 2019 19:33

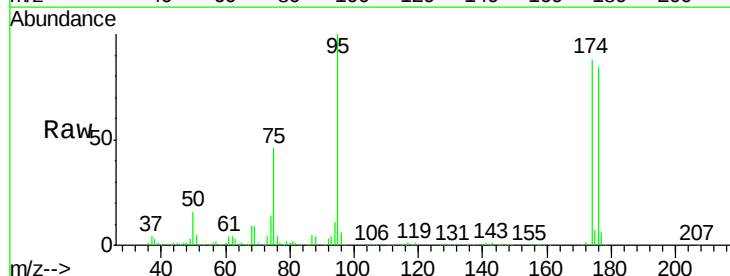
Tgt Ion: 95 Resp: 230222

Ion Ratio Lower Upper

95 100

174 90.5 0.0 175.2

176 85.9 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU034274.D (-2846) (-)

Ion 173.80 (173.50 to 174.50): VU034274.D (-2846) (-)

Ion 175.80 (175.50 to 176.50): VU034274.D (-2846) (-)

10.29

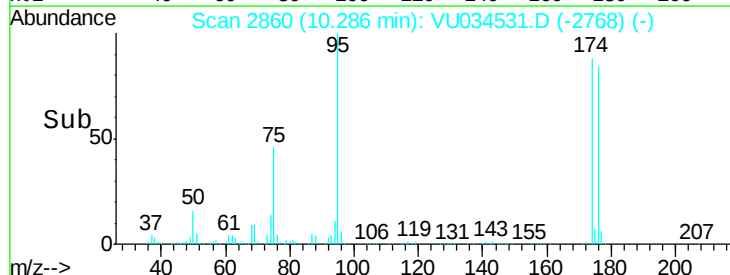
150000

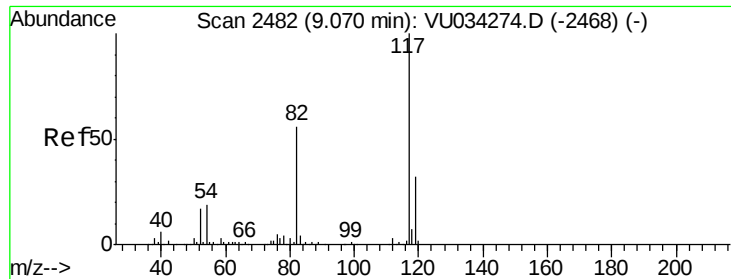
100000

50000

0

Time--> 10.20 10.30 10.40

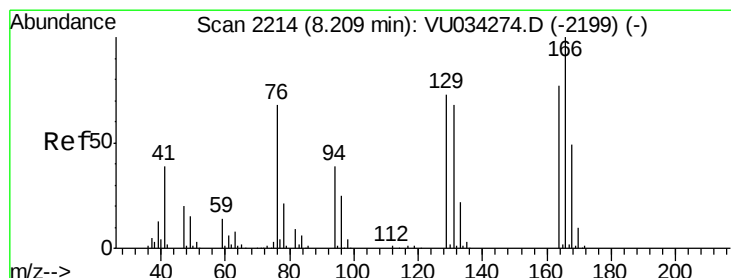
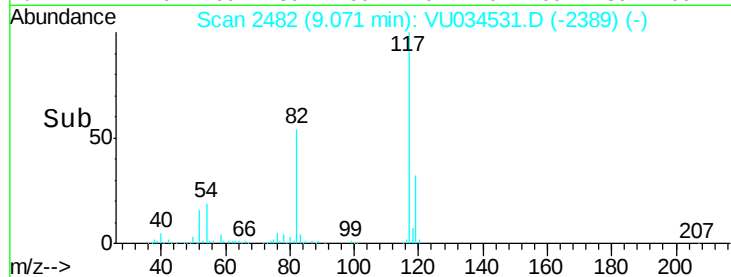
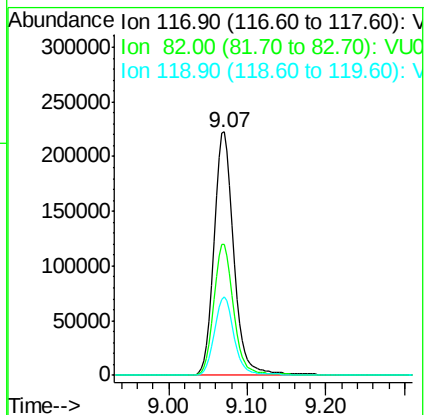
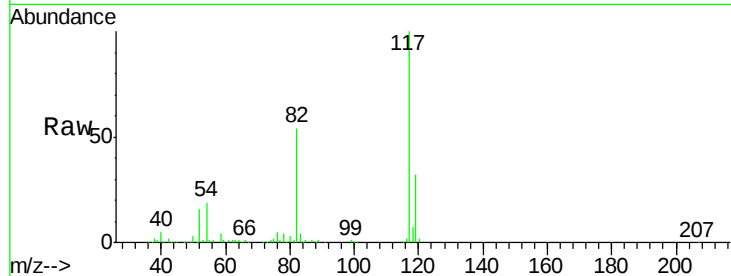




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034531.D
Acq: 12 Sep 2019 19:33

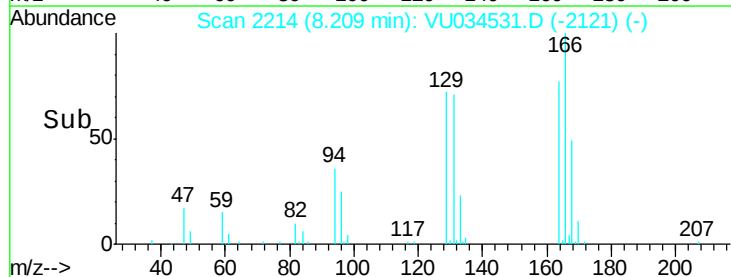
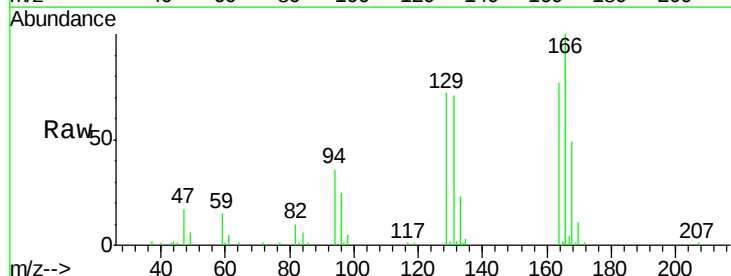
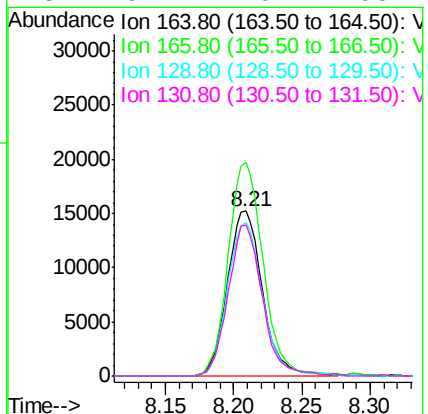
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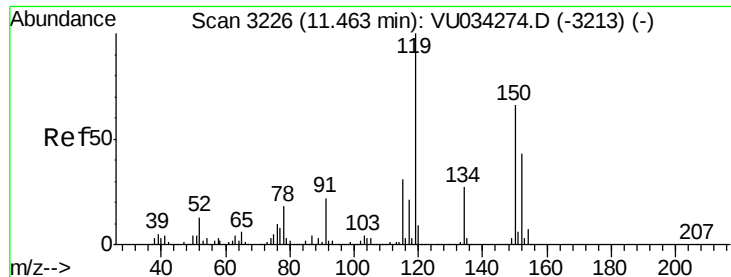
Tot Ion:117 Resp: 387557
Ion Ratio Lower Upper
117 100
82 53.8 44.6 67.0
119 32.4 25.9 38.9



#64
Tetrachloroethene
Concen: 8.094 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU034531.D
Acq: 12 Sep 2019 19:33

Tgt Ion:164 Resp: 27213
Ion Ratio Lower Upper
164 100
166 129.6 103.7 155.5
129 93.4 75.8 113.8
131 92.1 70.7 106.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. 0.00 min

Lab File: VU034531.D

Acq: 12 Sep 2019 19:33

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW11S-M27W1-090319

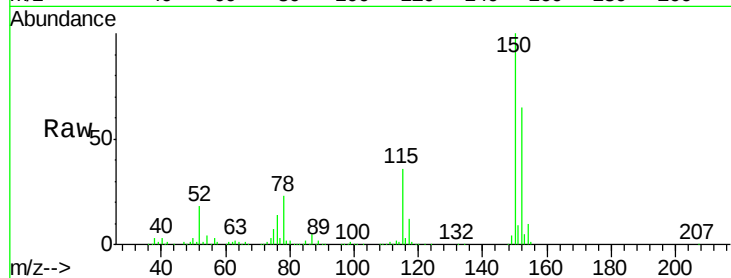
Tot Ion:152 Resp: 223114

Ion Ratio Lower Upper

152 100

115 56.1 39.1 117.3

150 157.6 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

