

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091219\
 Data File : VU034527.D
 Acq On : 12 Sep 2019 18:00
 Operator : JC/SP
 Sample : K4756-25
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-RB1-M27W1-090419

Quant Time: Sep 13 08:01:30 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

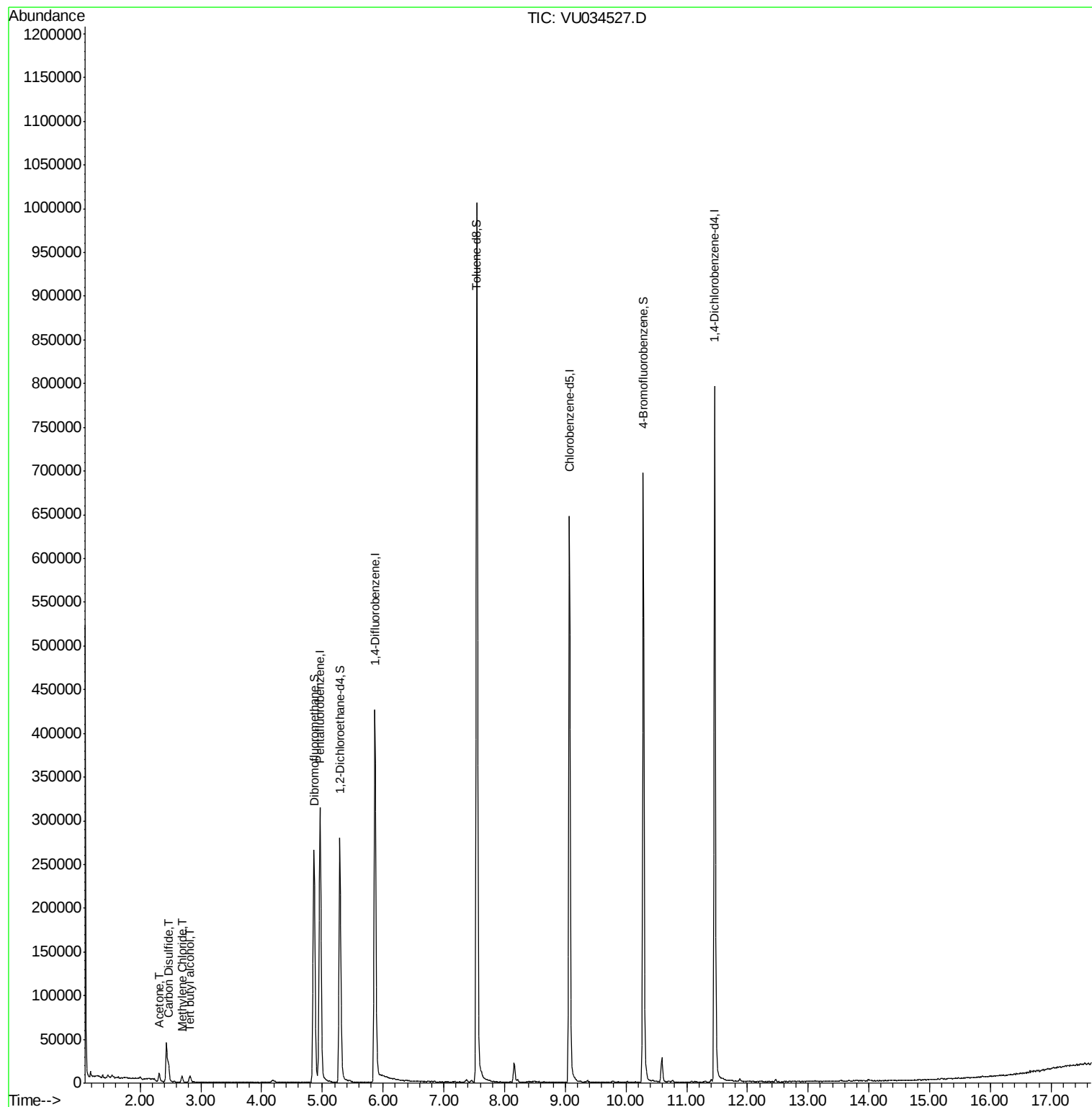
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	259377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	391485	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	396690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	229098	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	219609	55.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.92%	
35) Dibromofluoromethane	4.86	113	195806	53.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.50%	
50) Toluene-d8	7.55	98	713792	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
62) 4-Bromofluorobenzene	10.29	95	240812	45.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.14%	
Target Compounds						
11) Tert butyl alcohol	2.82	59	7237	8.729	ug/l #	87
16) Acetone	2.31	43	11122	5.476	ug/l #	87
17) Carbon Disulfide	2.47	76	21342	3.365	ug/l	100
20) Methylene Chloride	2.69	84	3178	0.560	ug/l	94

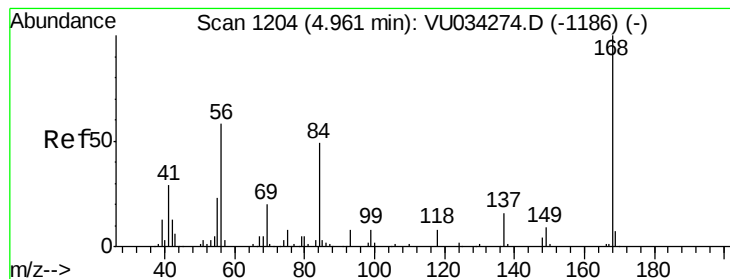
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091219\
Data File : VU034527.D
Acq On : 12 Sep 2019 18:00
Operator : JC/SP
Sample : K4756-25
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CPA-RB1-M27W1-090419

Quant Time: Sep 13 08:01:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
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: VU034527.D

Acq: 12 Sep 2019 18:00

Instrument :

MSVOA_U

ClientSampleId :

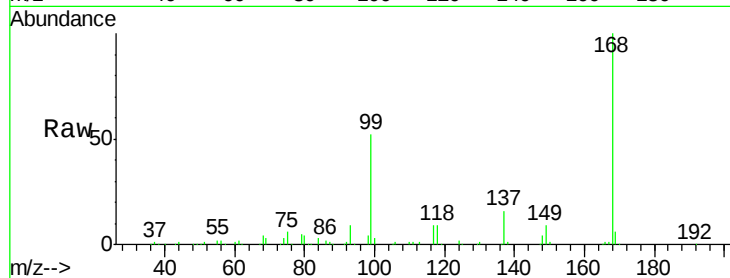
CPA-RB1-M27W1-090419

Tot Ion:168 Resp: 259377

Ion Ratio Lower Upper

168 100

99 52.0 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

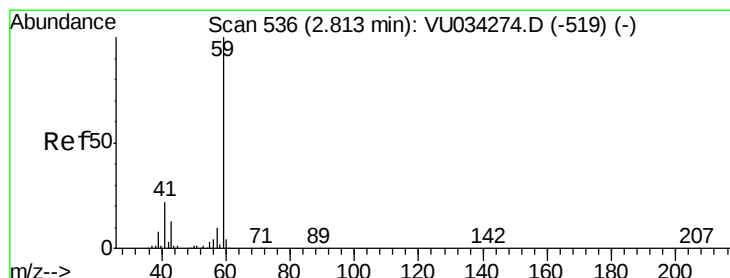
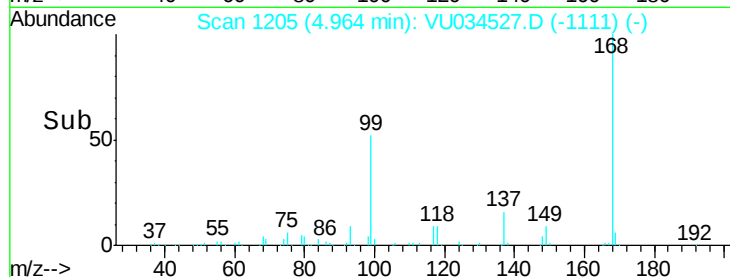
100000

50000

0

Time-->

4.90 5.00 5.10



#11

Tert butyl alcohol

Concen: 8.729 ug/l

RT: 2.82 min Scan# 538

Delta R.T. 0.01 min

Lab File: VU034527.D

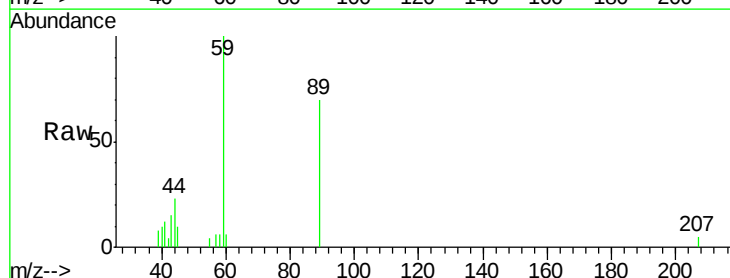
Acq: 12 Sep 2019 18:00

Tgt Ion: 59 Resp: 7237

Ion Ratio Lower Upper

59 100

57 5.3 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VU034274.D (-519) (-)

Ion 57.00 (56.70 to 57.70): VU034274.D (-519) (-)

2.82

3000

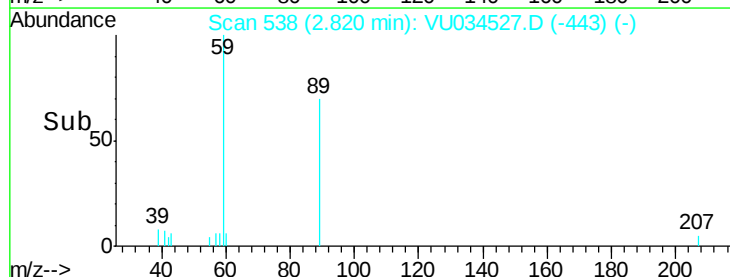
2000

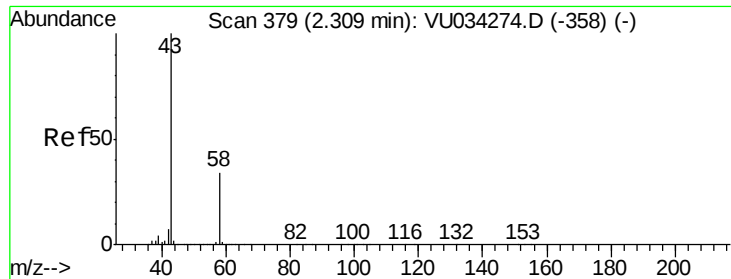
1000

0

Time-->

2.75 2.80 2.85 2.90





#16

Acetone

Concen: 5.476 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034527.D

Acq: 12 Sep 2019 18:00

Instrument :

MSVOA_U

ClientSampleId :

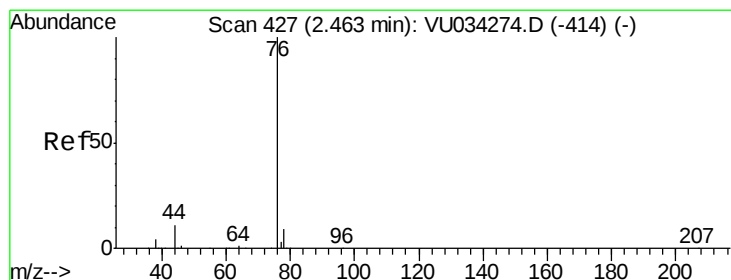
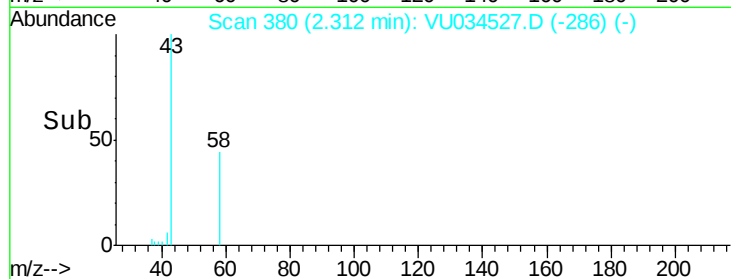
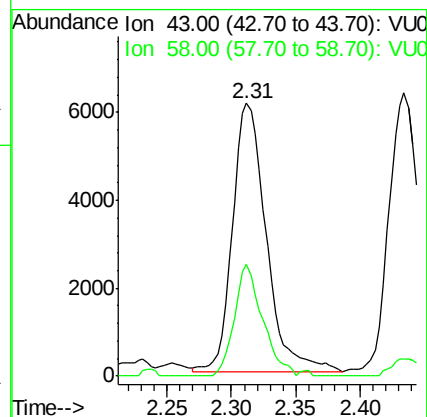
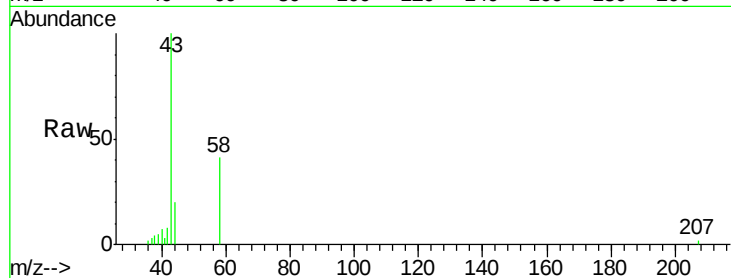
CPA-RB1-M27W1-090419

Tot Ion: 43 Resp: 11122

Ion Ratio Lower Upper

43 100

58 41.7 27.6 41.4#



#17

Carbon Disulfide

Concen: 3.365 ug/l

RT: 2.47 min Scan# 428

Delta R.T. 0.00 min

Lab File: VU034527.D

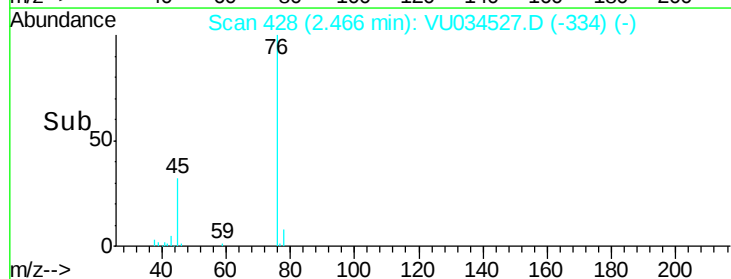
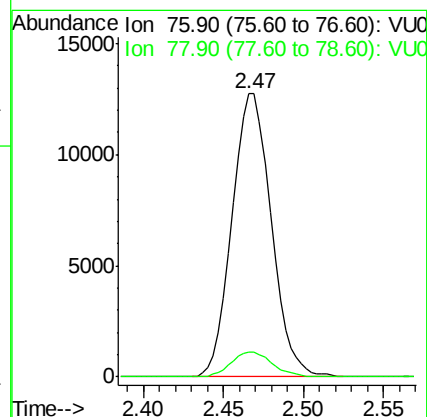
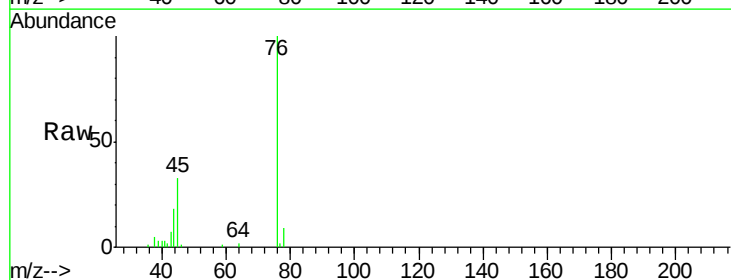
Acq: 12 Sep 2019 18:00

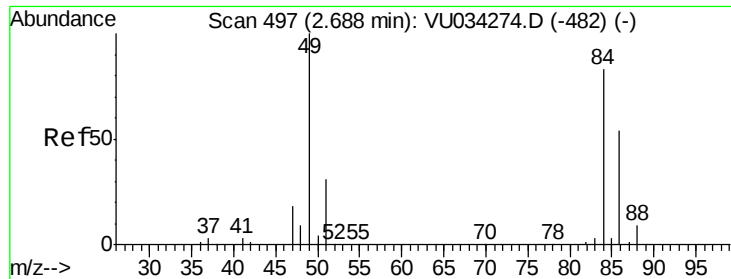
Tgt Ion: 76 Resp: 21342

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8

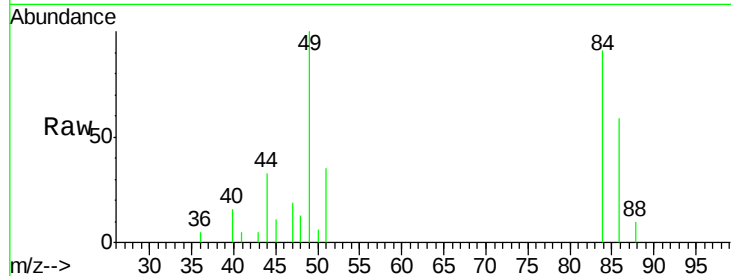




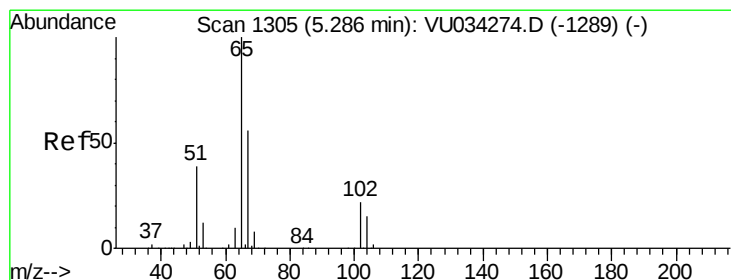
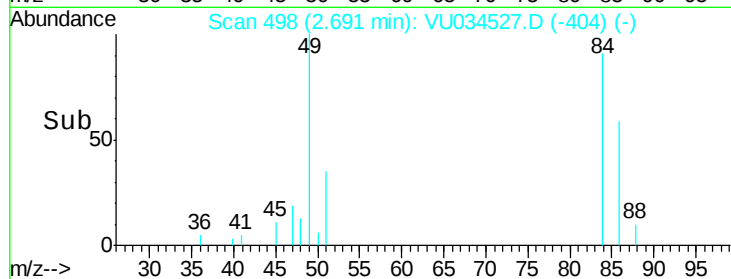
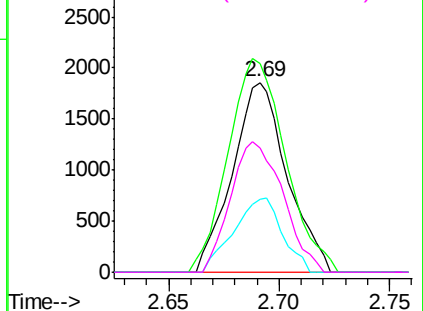
#20
Methvlene Chloride
Concen: 0.560 ug/l
RT: 2.69 min Scan# 498
Delta R.T. 0.00 min
Lab File: VU034527.D
Acq: 12 Sep 2019 18:00

Instrument :
MSVOA_U
ClientSampleId :
CPA-RB1-M27W1-090419

Tot Ion: 84 Resp: 3178
Ion Ratio Lower Upper
84 100
49 109.6 96.0 144.0
51 38.4 30.0 45.0
86 65.2 51.4 77.0

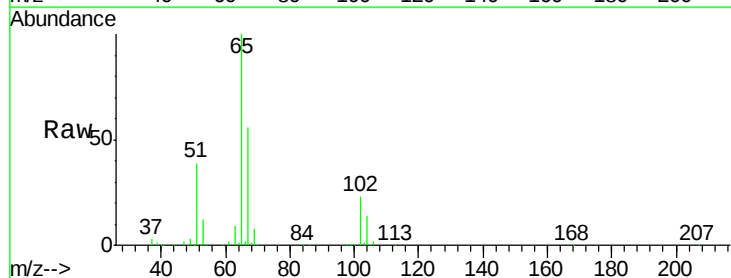


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

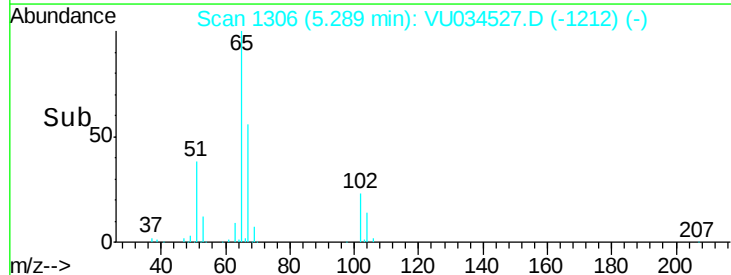
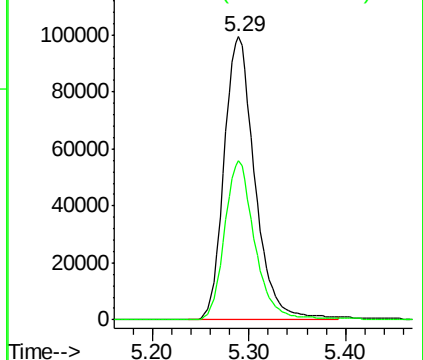


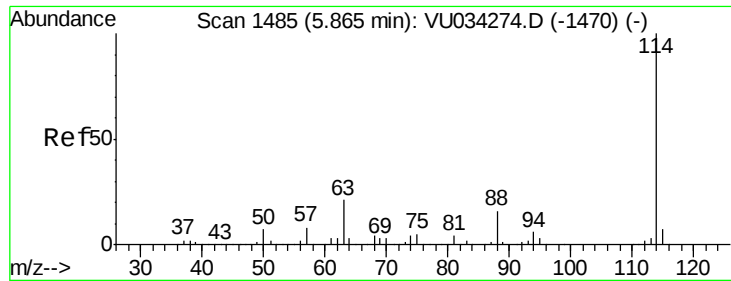
#33
1,2-Dichloroethane-d4
Concen: 55.959 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034527.D
Acq: 12 Sep 2019 18:00

Tgt Ion: 65 Resp: 219609
Ion Ratio Lower Upper
65 100
67 55.0 0.0 112.4



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034527.D

Acq: 12 Sep 2019 18:00

Instrument :

MSVOA_U

ClientSampleId :

CPA-RB1-M27W1-090419

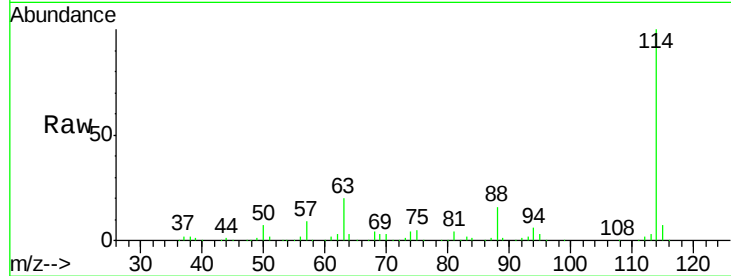
Tot Ion:114 Resp: 391485

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

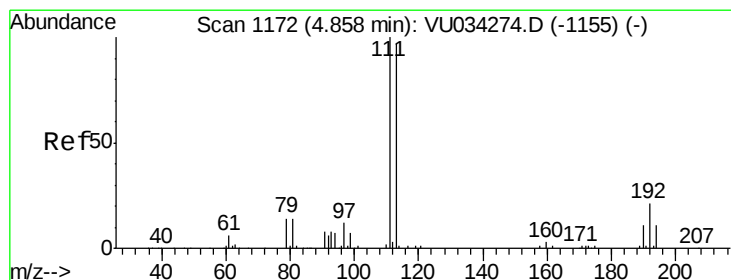
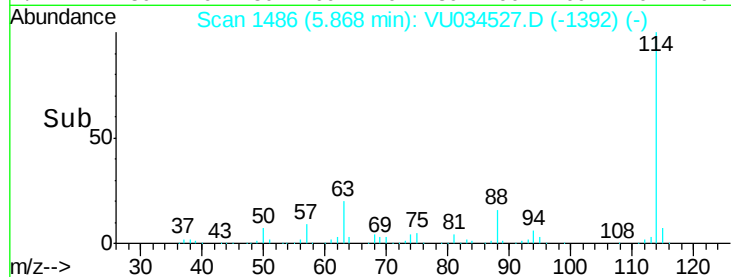
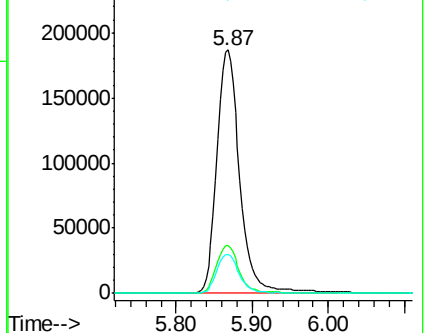
88 16.1 0.0 32.4



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: 53.752 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034527.D

Acq: 12 Sep 2019 18:00

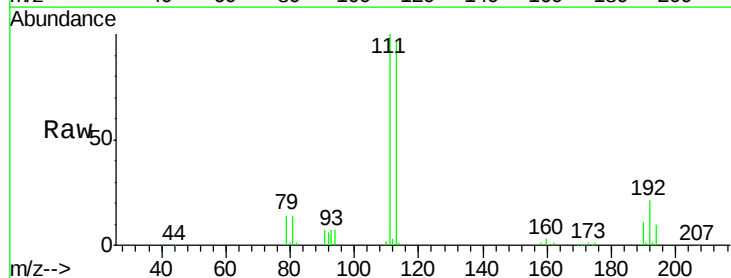
Tgt Ion:113 Resp: 195806

Ion Ratio Lower Upper

113 100

111 101.3 81.5 122.3

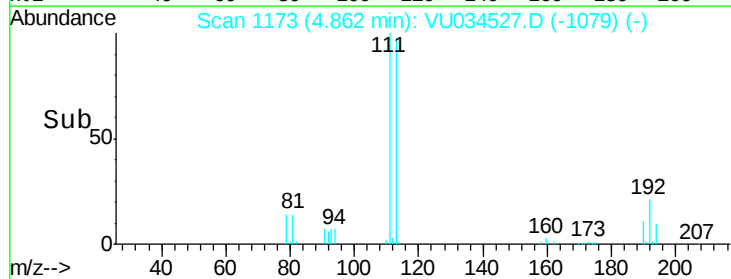
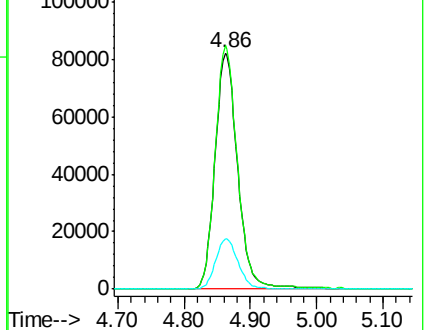
192 21.2 17.8 26.8

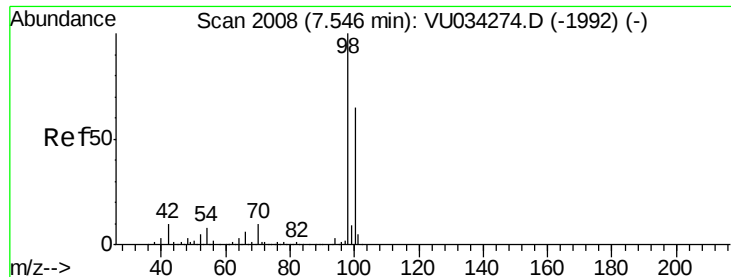


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.155 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034527.D

Acq: 12 Sep 2019 18:00

Instrument :

MSVOA_U

ClientSampleId :

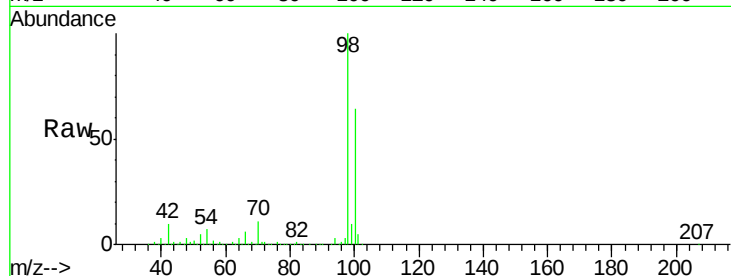
CPA-RB1-M27W1-090419

Tot Ion: 98 Resp: 713792

Ion Ratio Lower Upper

98 100

100 64.4 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

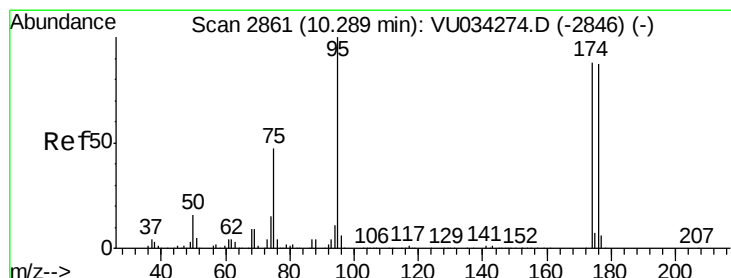
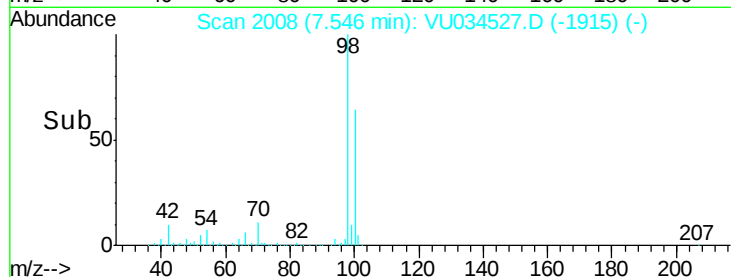
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.573 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034527.D

Acq: 12 Sep 2019 18:00

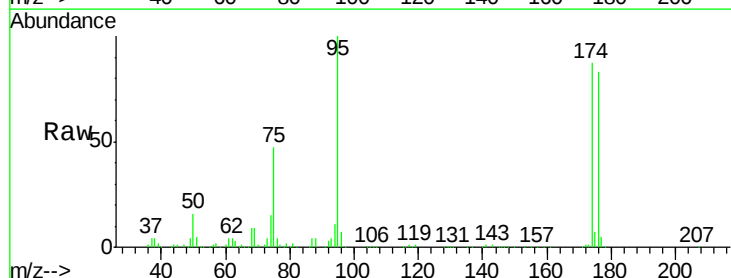
Tgt Ion: 95 Resp: 240812

Ion Ratio Lower Upper

95 100

174 89.0 0.0 175.2

176 84.6 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

200000

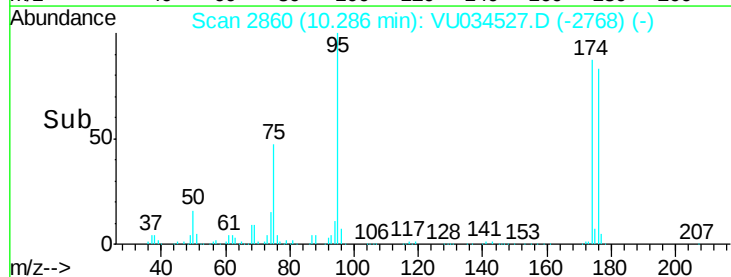
150000

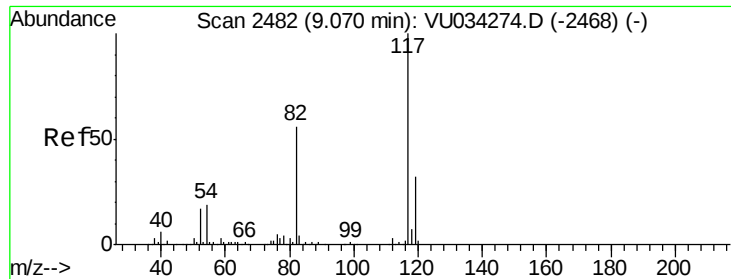
100000

50000

0

Time-->

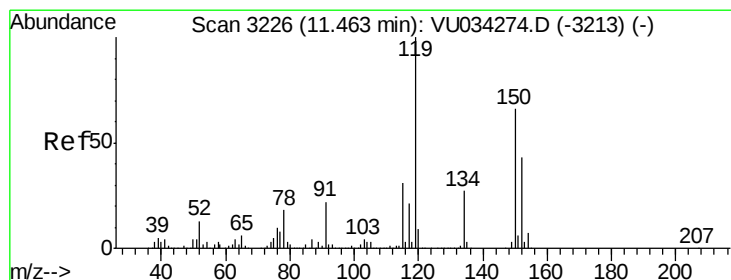
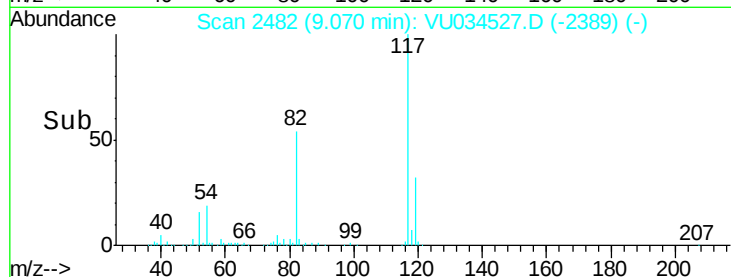
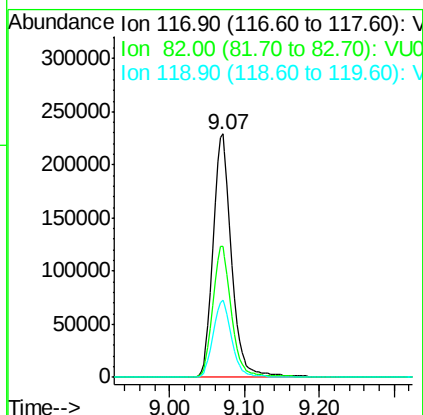
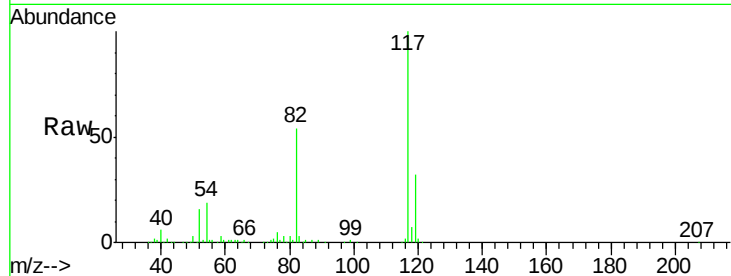




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034527.D
Acq: 12 Sep 2019 18:00

Instrument :
MSVOA_U
ClientSampleId :
CPA-RB1-M27W1-090419

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.6	67.0
119	31.8	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: VU034527.D
Acq: 12 Sep 2019 18:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	39.1	117.3
150	157.2	0.0	345.4

