

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091219\
 Data File : VU034508.D
 Acq On : 12 Sep 2019 10:23
 Operator : JC/SP
 Sample : K4756-25
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Sep 13 07:28:39 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

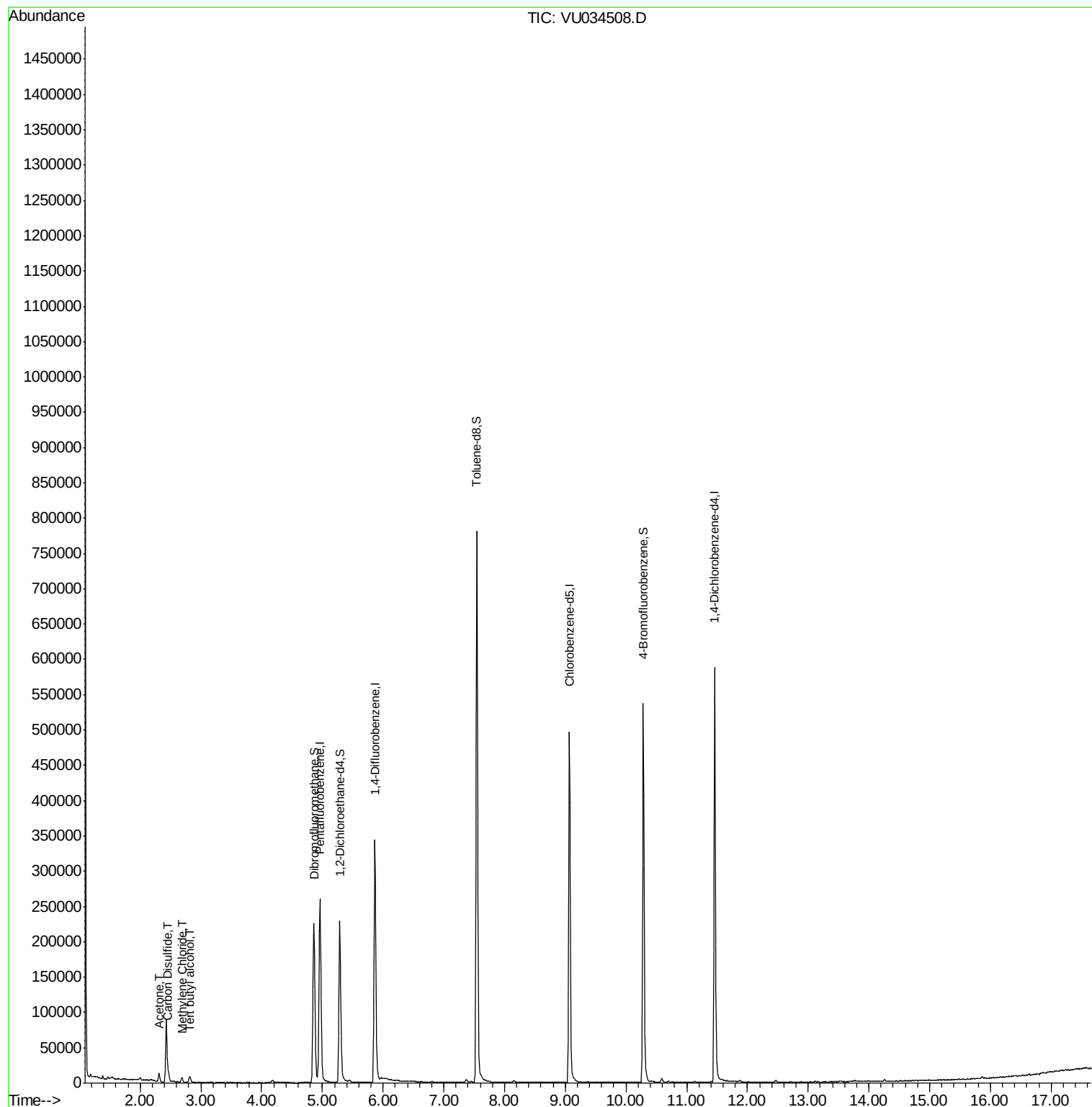
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	213980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	303836	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	308698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	170382	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	183853	56.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.58%	
35) Dibromofluoromethane	4.86	113	162223	57.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.76%	
50) Toluene-d8	7.54	98	551151	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
62) 4-Bromofluorobenzene	10.29	95	189207	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.28%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.82	59	8980	13.129	ug/l #	89
16) Acetone	2.31	43	13148	7.848	ug/l	96
17) Carbon Disulfide	2.46	76	9282	1.774	ug/l #	94
20) Methylene Chloride	2.69	84	3127	0.746	ug/l	93

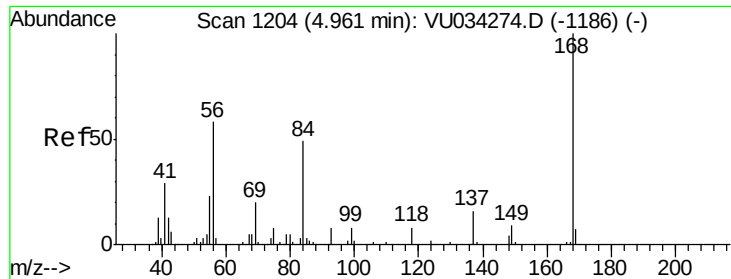
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1204

Delta R.T. 0.00 min

Lab File: VU034508.D

Acq: 12 Sep 2019 10:23

Instrument :

MSVOA_U

ClientSampleId :

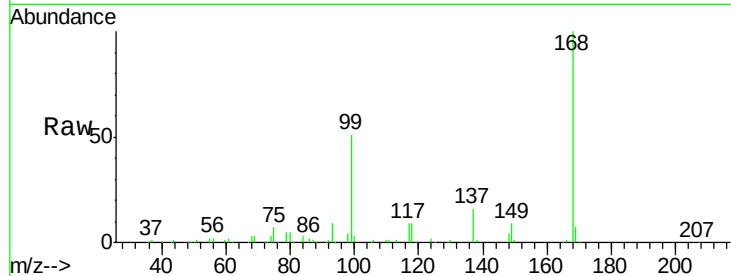
CPA-RB1-M27W1-090419

Tot Ion:168 Resp: 213980

Ion Ratio Lower Upper

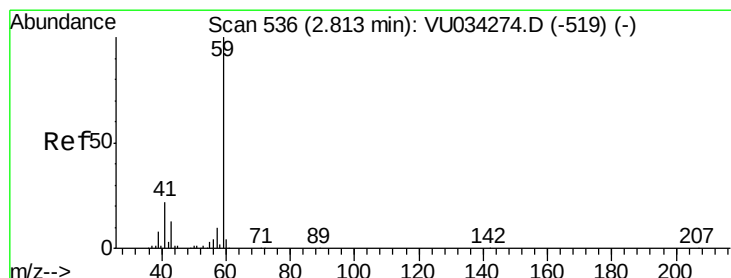
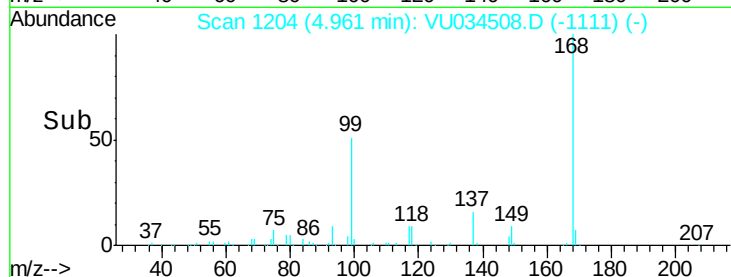
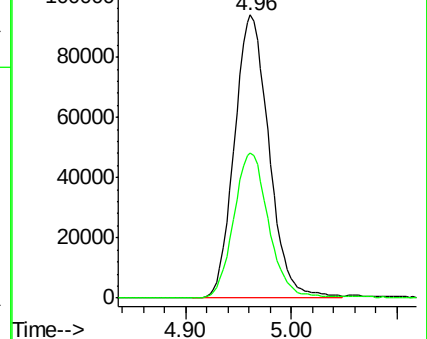
168 100

99 51.4 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) (-)



#11

Tert butyl alcohol

Concen: 13.129 ug/l

RT: 2.82 min Scan# 537

Delta R.T. 0.00 min

Lab File: VU034508.D

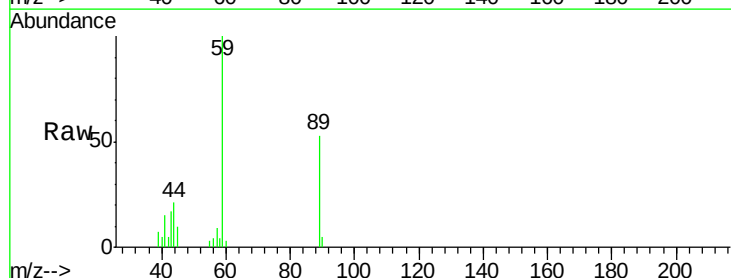
Acq: 12 Sep 2019 10:23

Tgt Ion: 59 Resp: 8980

Ion Ratio Lower Upper

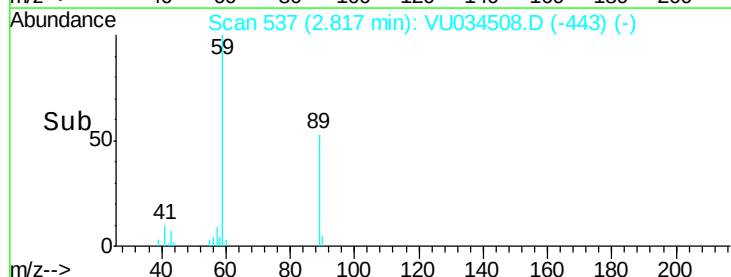
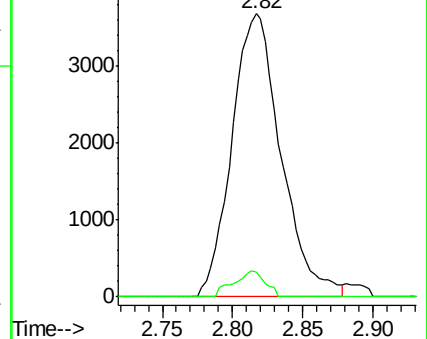
59 100

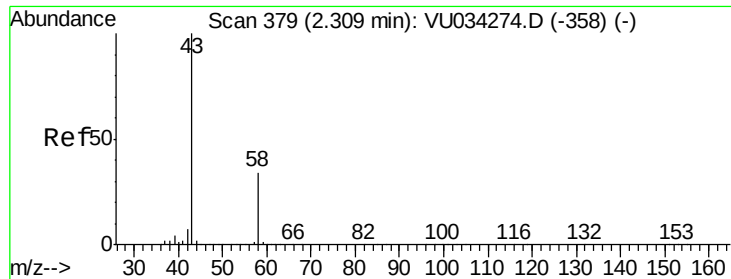
57 5.8 7.9 11.9#



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

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





#16

Acetone

Concen: 7.848 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034508.D

Acq: 12 Sep 2019 10:23

Instrument :

MSVOA_U

ClientSampleId :

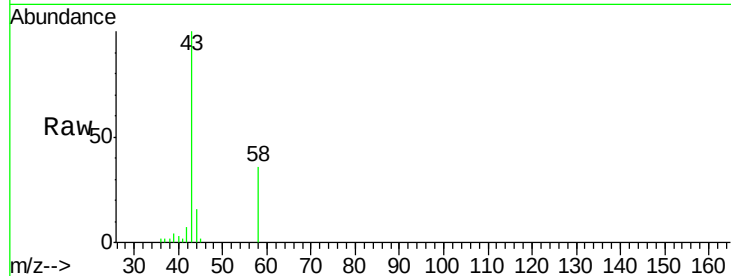
CPA-RB1-M27W1-090419

Tot Ion: 43 Resp: 13148

Ion Ratio Lower Upper

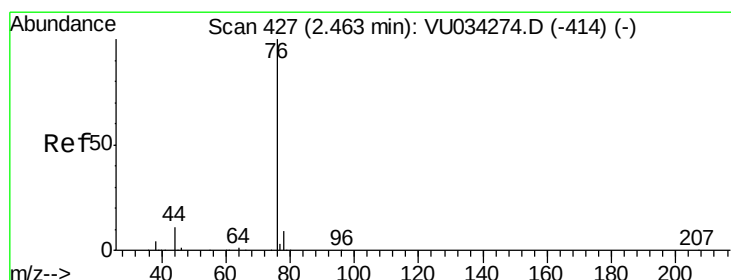
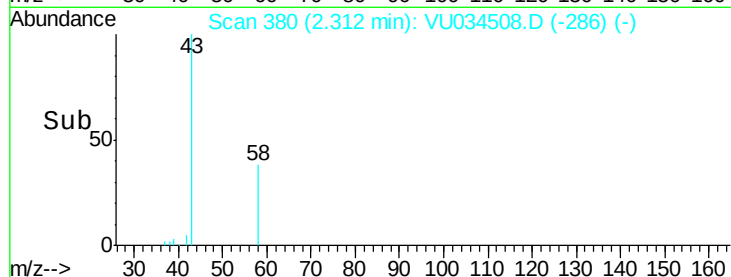
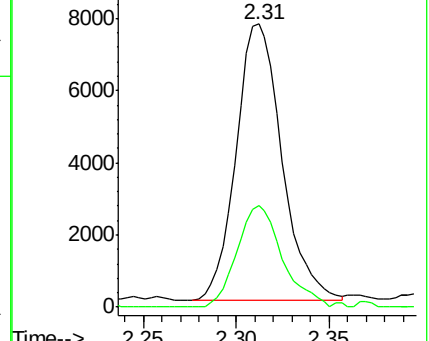
43 100

58 36.6 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034508.D (-380) (-)

Ion 58.00 (57.70 to 58.70): VU034508.D (-380) (-)



#17

Carbon Disulfide

Concen: 1.774 ug/l

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VU034508.D

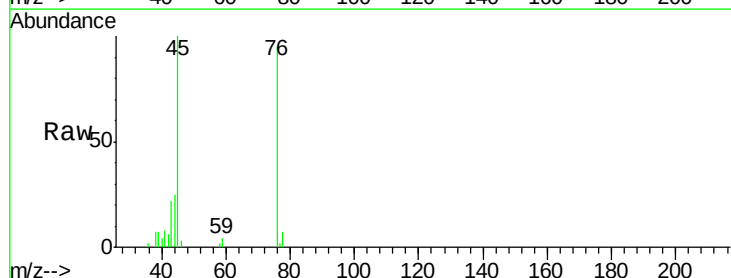
Acq: 12 Sep 2019 10:23

Tgt Ion: 76 Resp: 9282

Ion Ratio Lower Upper

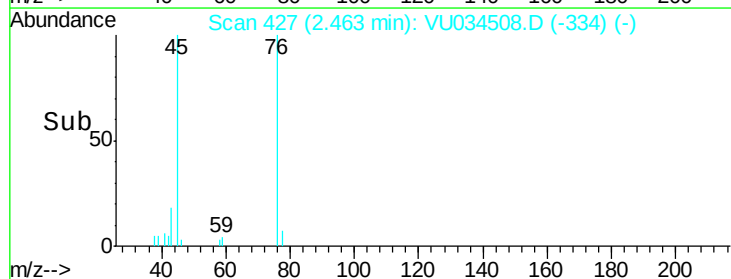
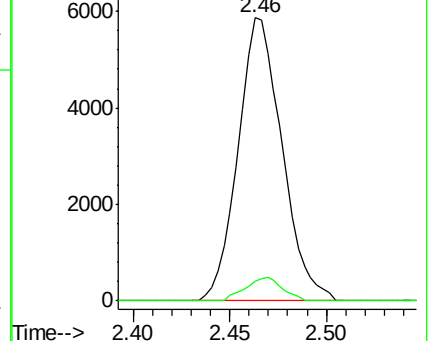
76 100

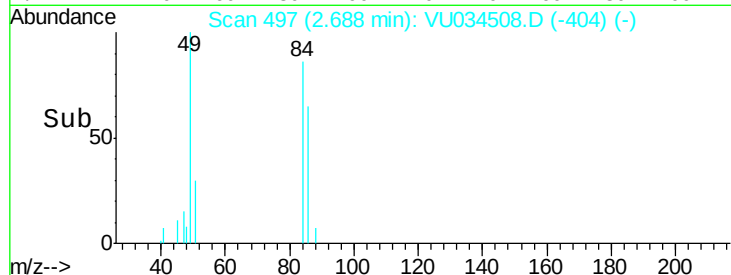
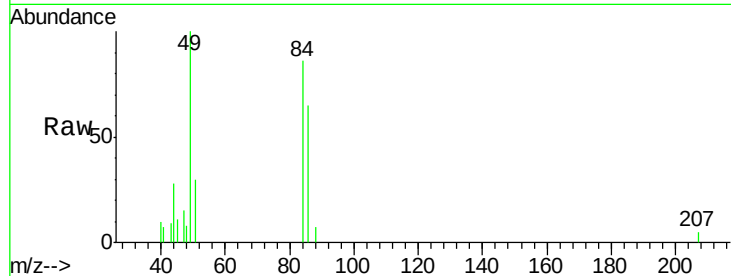
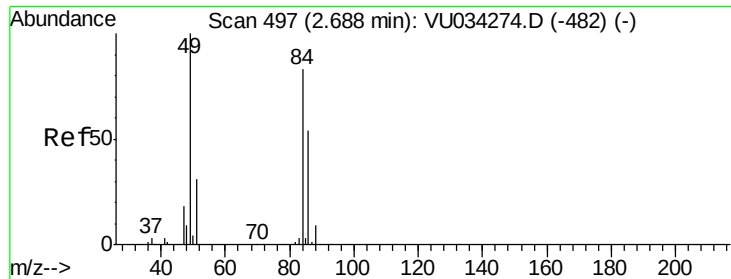
78 7.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VU034508.D (-427) (-)

Ion 77.90 (77.60 to 78.60): VU034508.D (-427) (-)

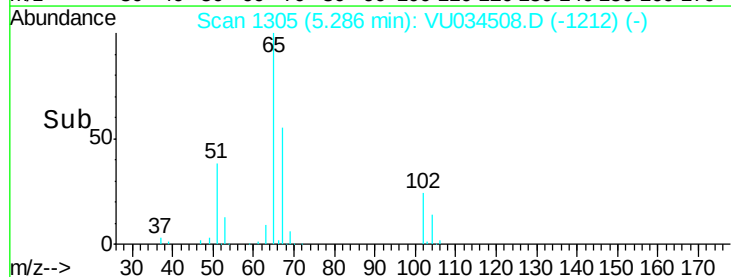
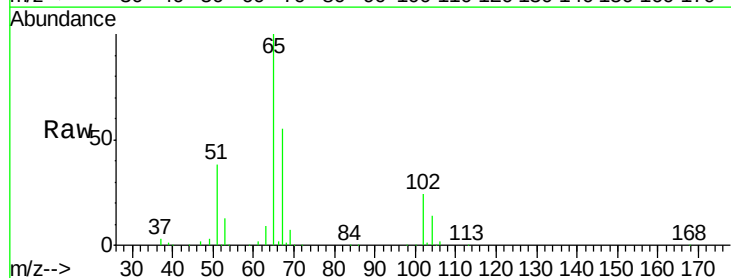
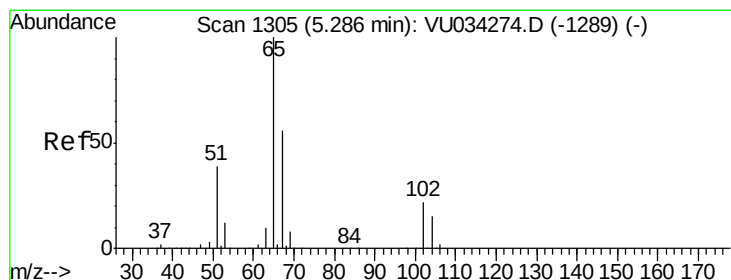
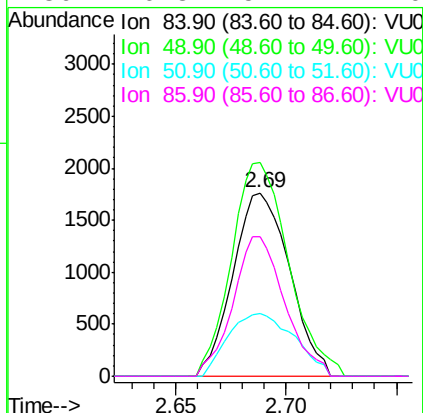




#20
Methylene Chloride
Concen: 0.746 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034508.D
Acq: 12 Sep 2019 10:23

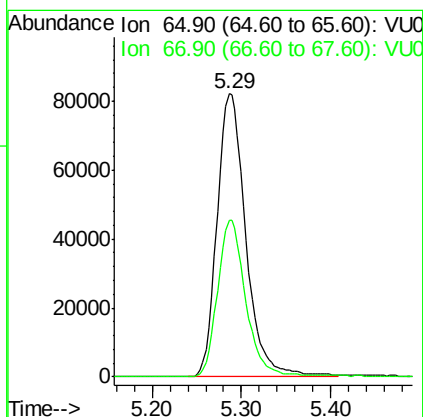
Instrument :
MSVOA_U
ClientSampleId :
CPA-RB1-M27W1-090419

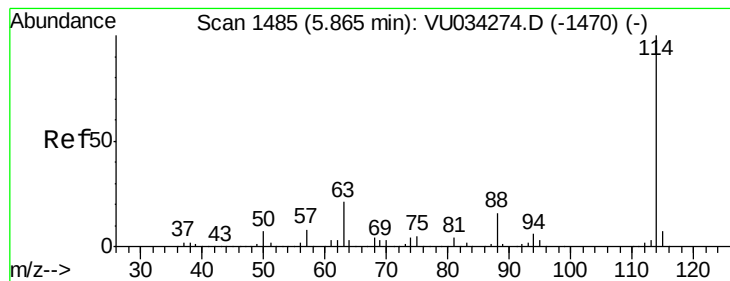
Tot Ion:	84	Resp:	3127
Ion	Ratio	Lower	Upper
84	100		
49	116.6	96.0	144.0
51	34.4	30.0	45.0
86	76.3	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 56.787 ug/l
RT: 5.29 min Scan# 1305
Delta R.T. 0.00 min
Lab File: VU034508.D
Acq: 12 Sep 2019 10:23

Tgt Ion:	65	Resp:	183853
Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU034508.D

Acq: 12 Sep 2019 10:23

Instrument :

MSVOA_U

ClientSampleId :

CPA-RB1-M27W1-090419

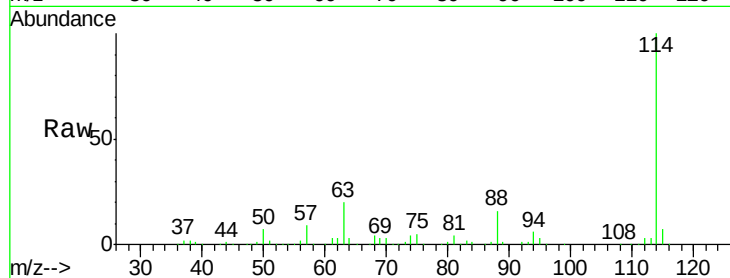
Tot Ion:114 Resp: 303836

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

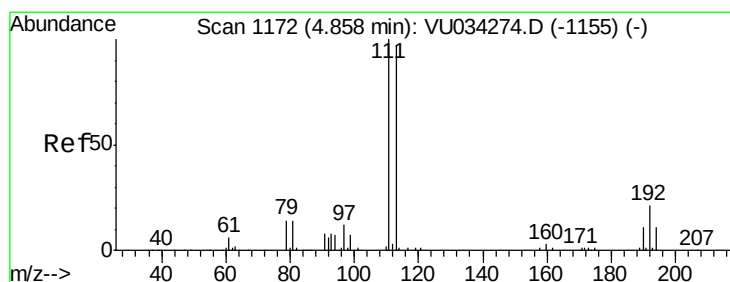
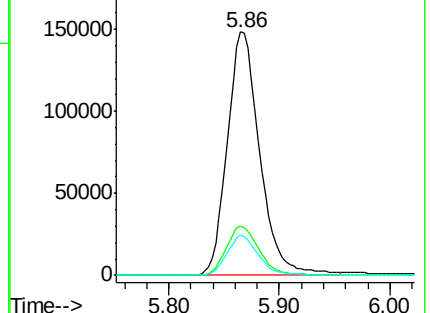
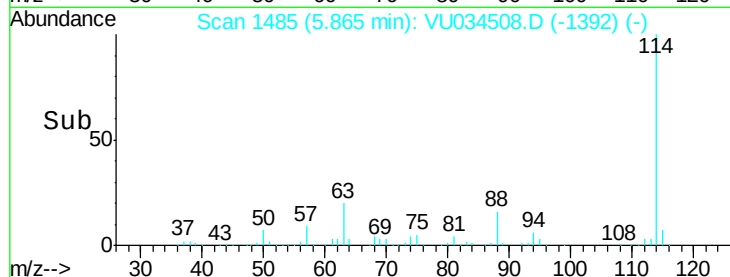
88 16.3 0.0 32.4



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: 57.379 ug/l

RT: 4.86 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU034508.D

Acq: 12 Sep 2019 10:23

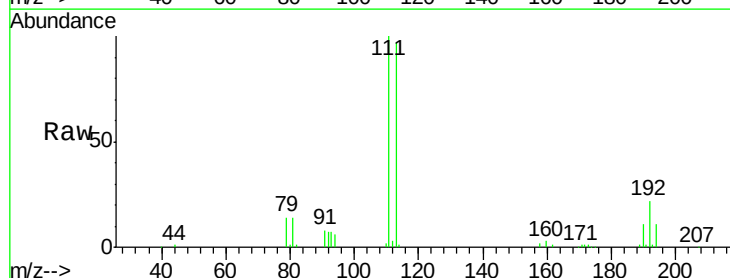
Tgt Ion:113 Resp: 162223

Ion Ratio Lower Upper

113 100

111 103.6 81.5 122.3

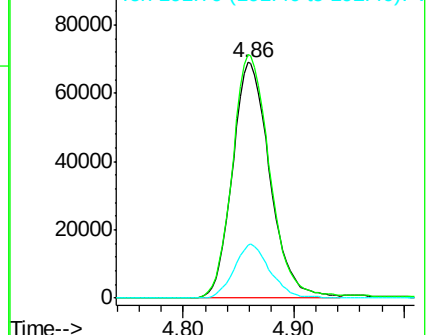
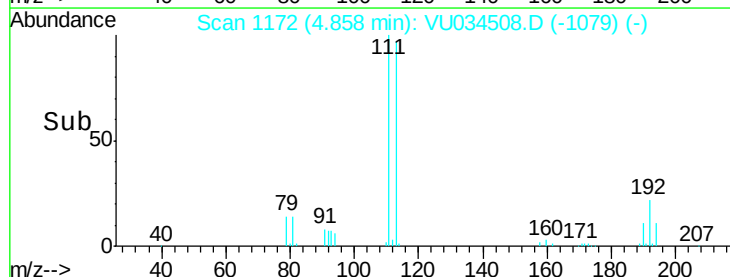
192 21.9 17.8 26.8

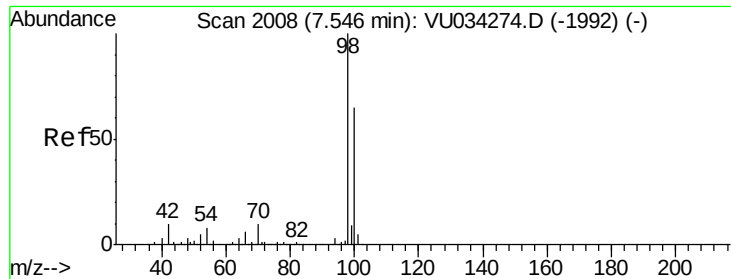


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

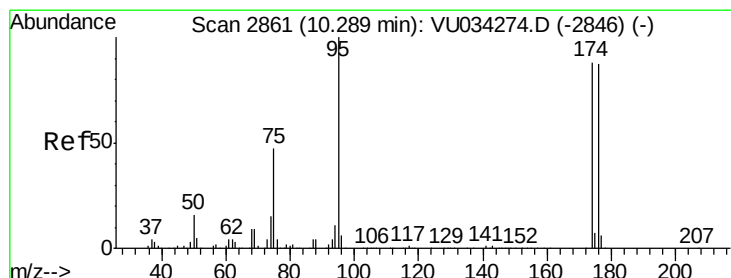
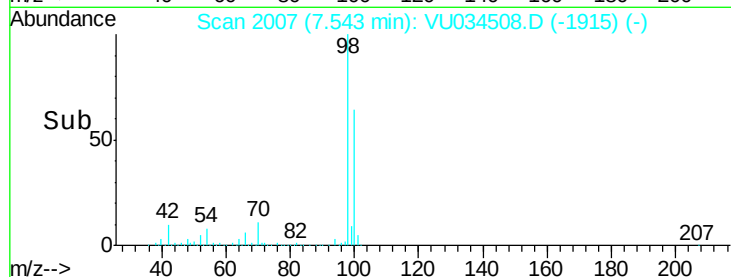
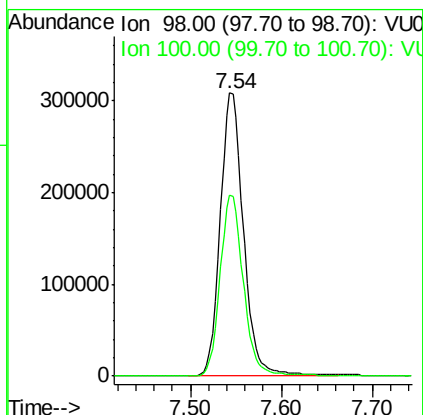
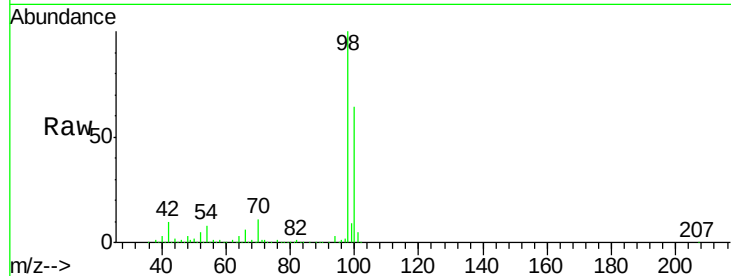




#50
Toluene-d8
Concen: 51.888 ug/l
RT: 7.54 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VU034508.D
Acq: 12 Sep 2019 10:23

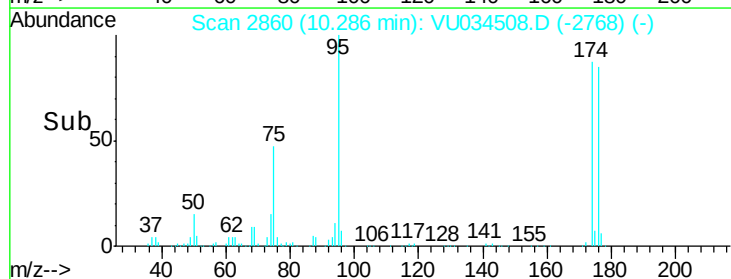
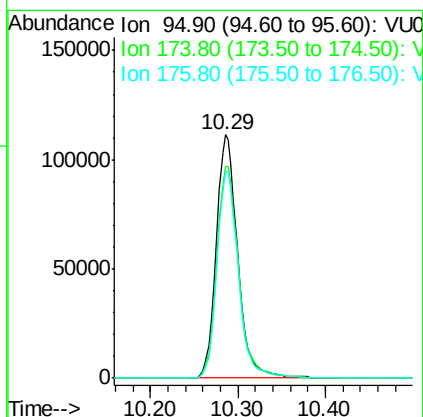
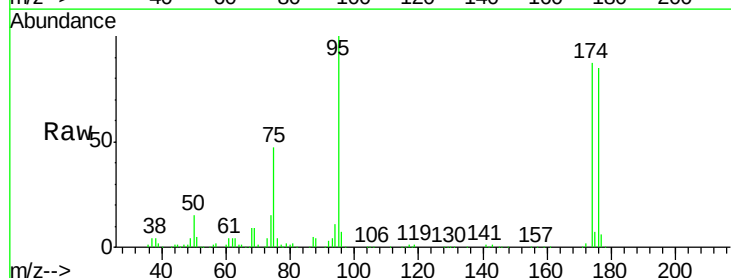
Instrument :
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CPA-RB1-M27W1-090419

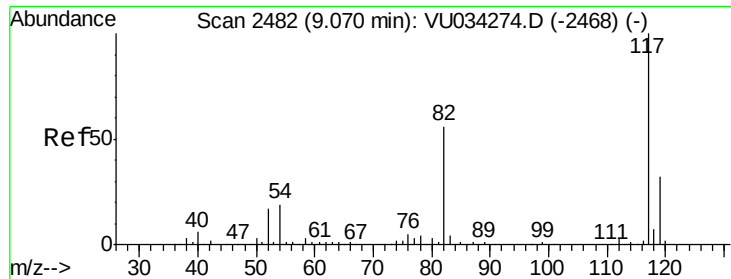
Tot Ion: 98 Resp: 551151
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.136 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VU034508.D
Acq: 12 Sep 2019 10:23

Tgt Ion: 95 Resp: 189207
Ion Ratio Lower Upper
95 100
174 89.9 0.0 175.2
176 84.8 0.0 168.0

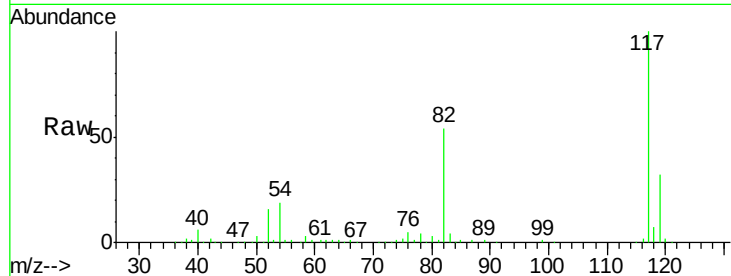




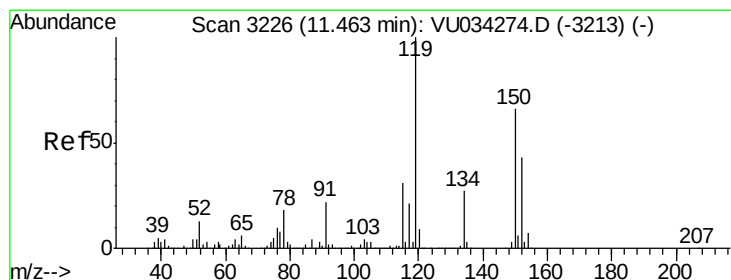
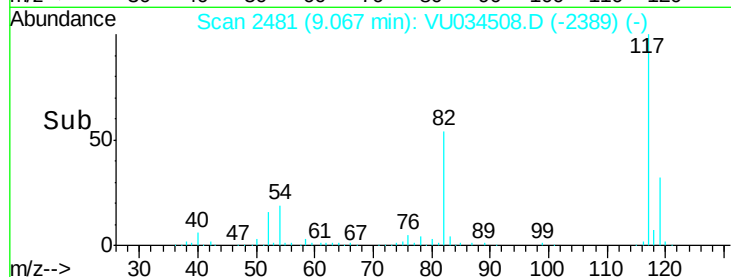
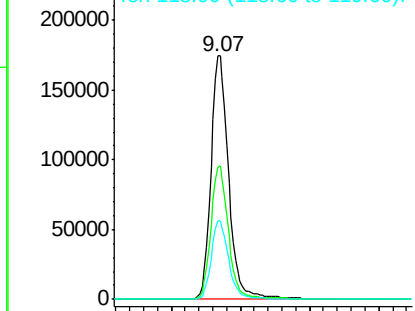
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2481
Delta R.T. -0.00 min
Lab File: VU034508.D
Acq: 12 Sep 2019 10:23

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

Tot Ion:117 Resp: 308698
Ion Ratio Lower Upper
117 100
82 54.4 44.6 67.0
119 32.3 25.9 38.9

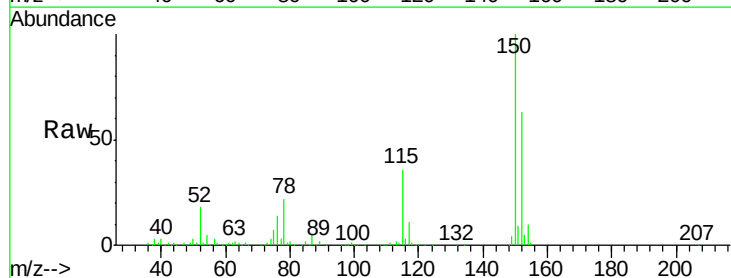


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VU034508.D
Acq: 12 Sep 2019 10:23

Tgt Ion:152 Resp: 170382
Ion Ratio Lower Upper
152 100
115 56.5 39.1 117.3
150 158.9 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

