

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091019\
 Data File : VU034455.D
 Acq On : 10 Sep 2019 16:44
 Operator : JC/SP
 Sample : K4602-30
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-C4-(0)

Quant Time: Sep 11 06:55:42 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

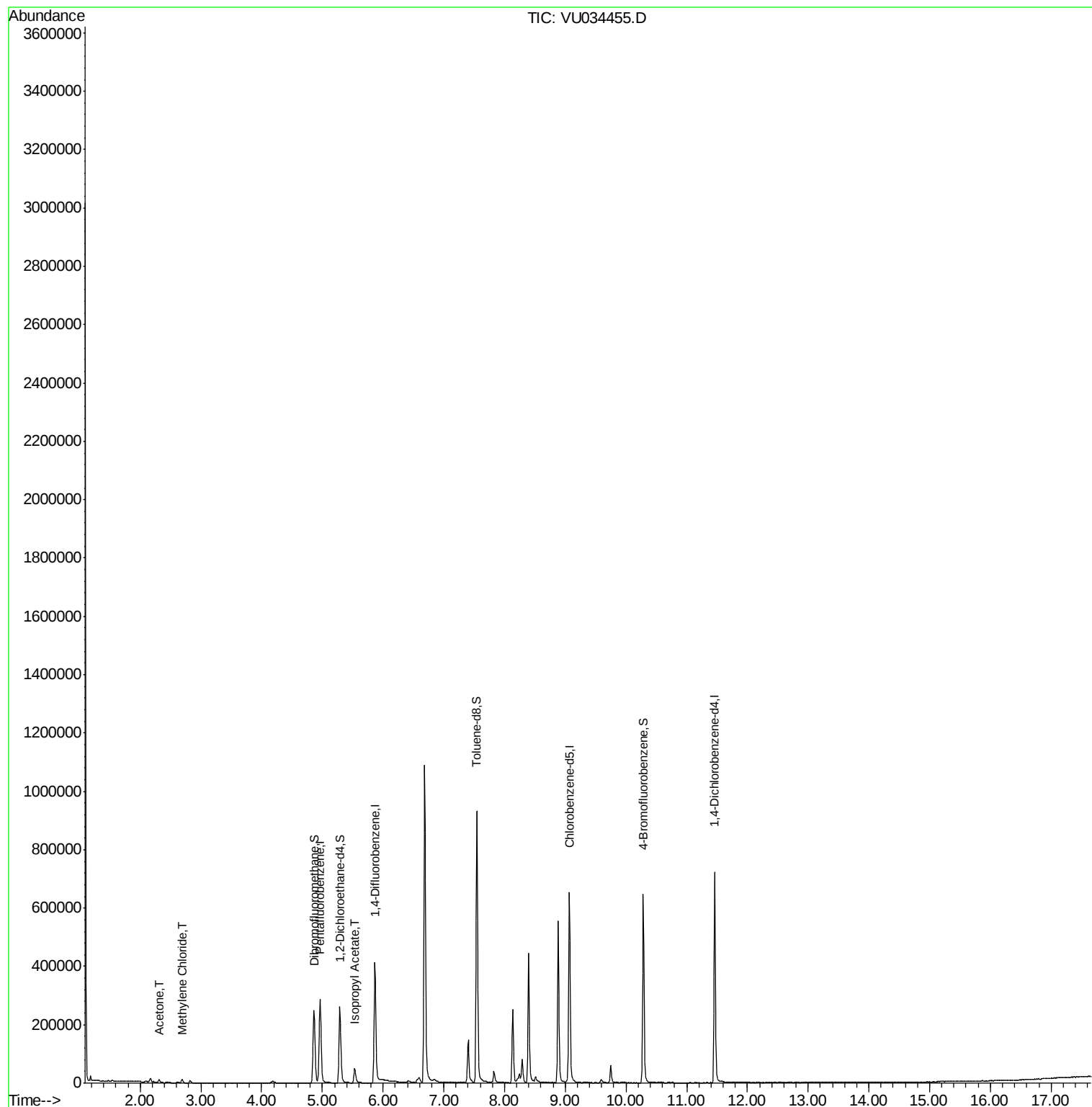
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	238730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	371642	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	388130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	210149	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	205460	56.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.76%	
35) Dibromofluoromethane	4.86	113	178282	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
50) Toluene-d8	7.55	98	655010	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
62) 4-Bromofluorobenzene	10.29	95	223858	44.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.26%	
Target Compounds						
16) Acetone	2.31	43	12060	6.452	ug/l	100
20) Methylene Chloride	2.69	84	5659	1.460	ug/l	93
43) Isopropyl Acetate	5.53	43	56868	7.650	ug/l	99

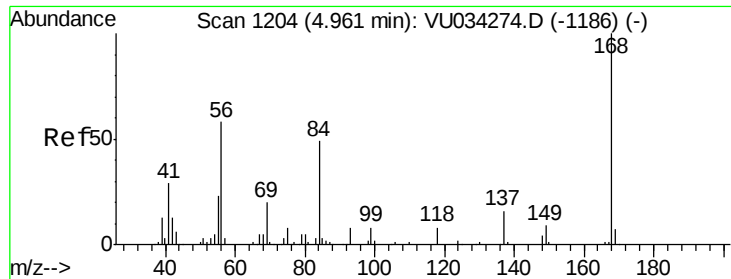
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034455.D

Acq: 10 Sep 2019 16:44

Instrument :

MSVOA_U

ClientSampleId :

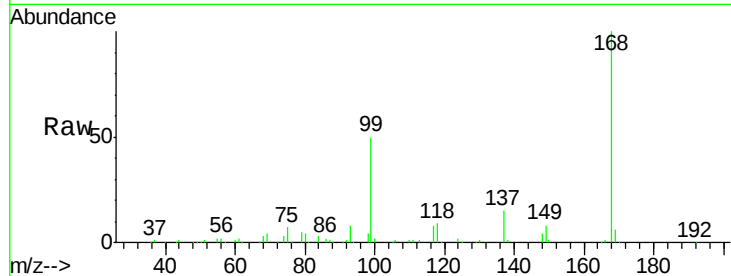
PAR-C4-(0)

Tot Ion:168 Resp: 238730

Ion Ratio Lower Upper

168 100

99 50.4 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) (-)

4.96

120000

100000

80000

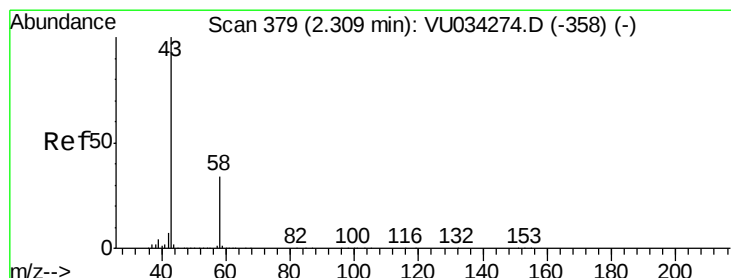
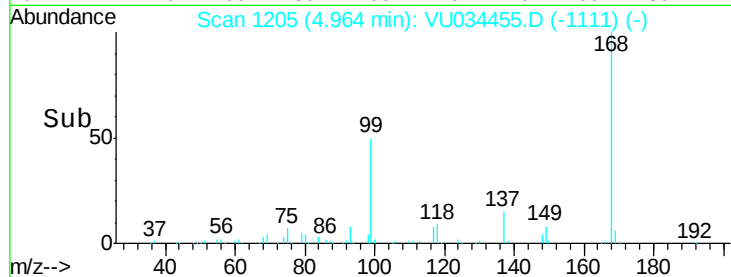
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 6.452 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034455.D

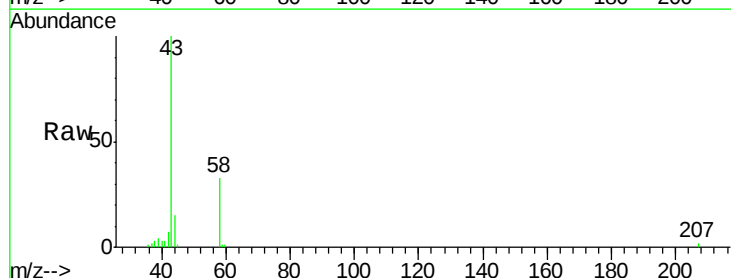
Acq: 10 Sep 2019 16:44

Tgt Ion: 43 Resp: 12060

Ion Ratio Lower Upper

43 100

58 34.2 27.6 41.4



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

Ion 58.00 (57.70 to 58.70): VU034274.D (-358) (-)

2.31

8000

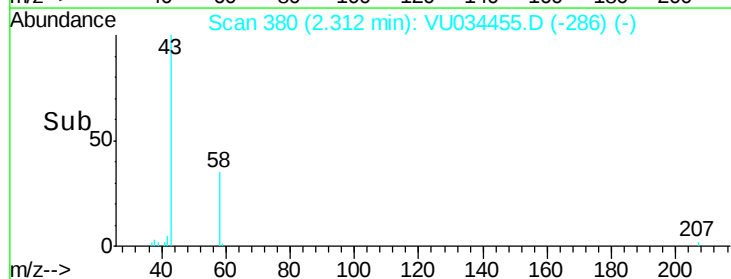
6000

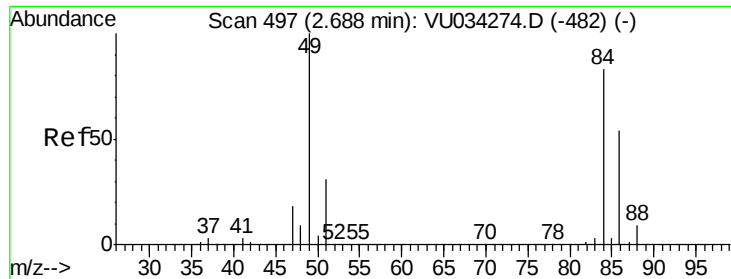
4000

2000

0

Time-->



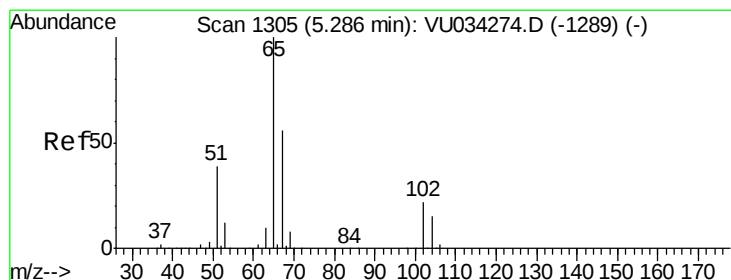
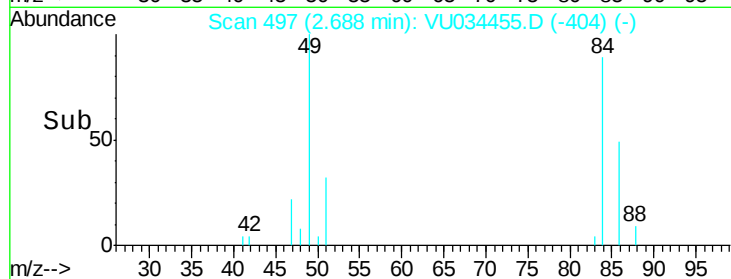
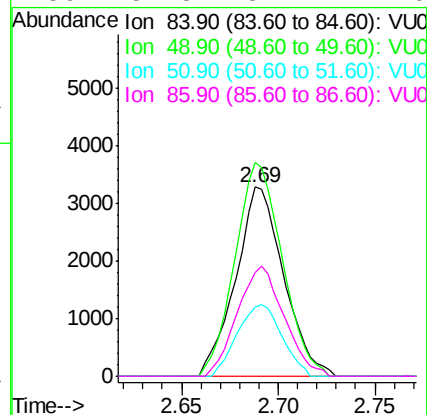
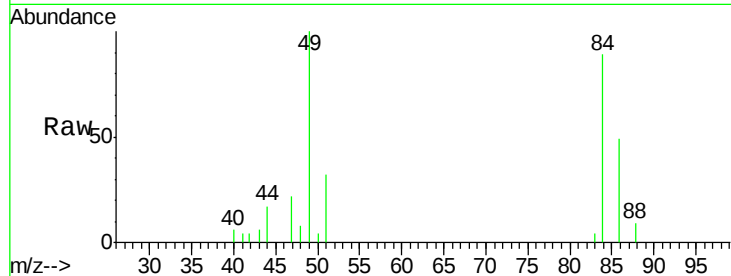


#20
Methvlene Chloride
Concen: 1.460 ug/l
RT: 2.69 min Scan# 497
Delta R.T. -0.00 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Instrument :
MSVOA_U
ClientSampleId :
PAR-C4-(0)

Tot Ion: 84 Resp: 5659

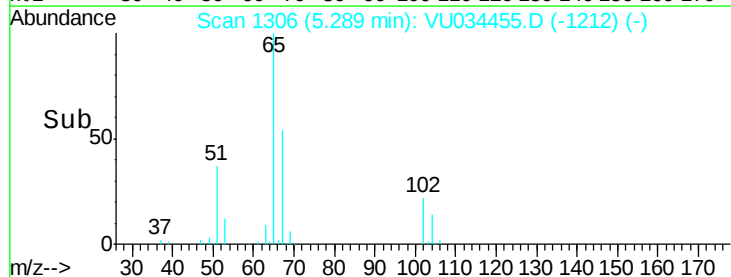
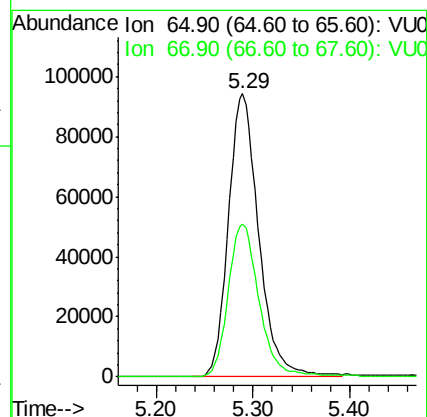
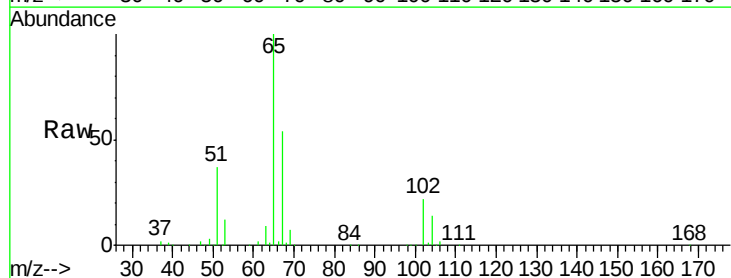
Ion	Ratio	Lower	Upper
84	100		
49	112.9	96.0	144.0
51	36.3	30.0	45.0
86	54.8	51.4	77.0

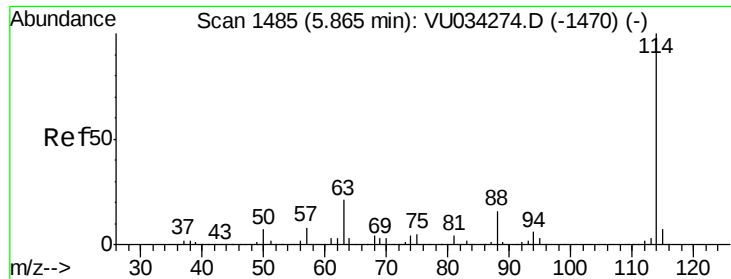


#33
1,2-Dichloroethane-d4
Concen: 56.882 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Tgt Ion: 65 Resp: 205460

Ion	Ratio	Lower	Upper
65	100		
67	55.1	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: VU034455.D

Acq: 10 Sep 2019 16:44

Instrument :

MSVOA_U

ClientSampleId :

PAR-C4-(0)

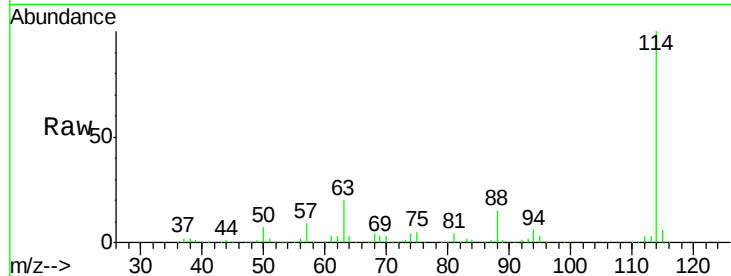
Tot Ion:114 Resp: 371642

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

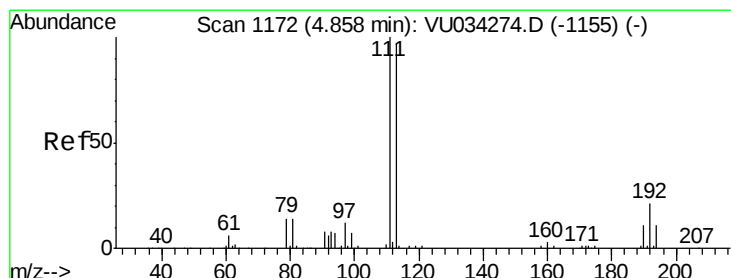
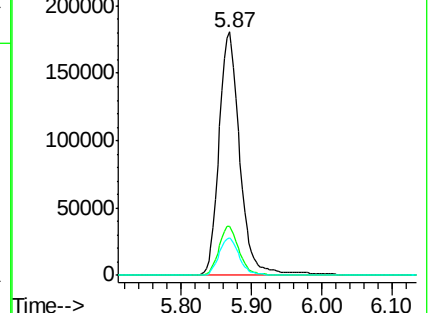
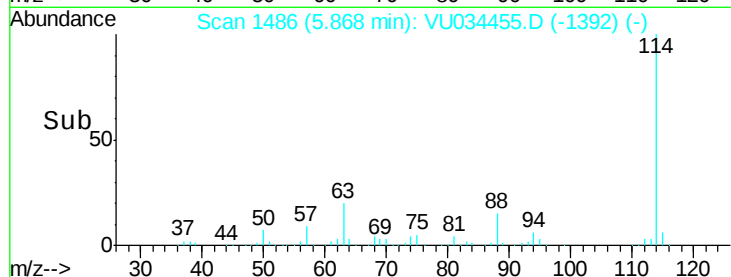
88 15.4 0.0 32.4



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: 51.554 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034455.D

Acq: 10 Sep 2019 16:44

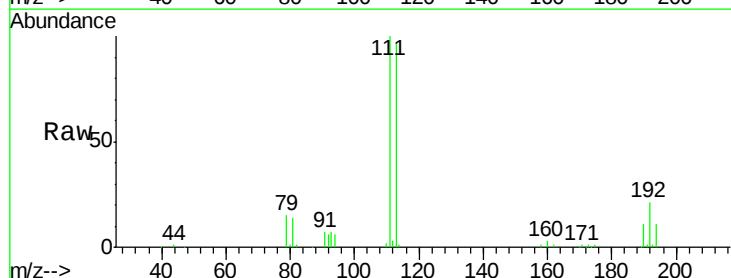
Tgt Ion:113 Resp: 178282

Ion Ratio Lower Upper

113 100

111 102.8 81.5 122.3

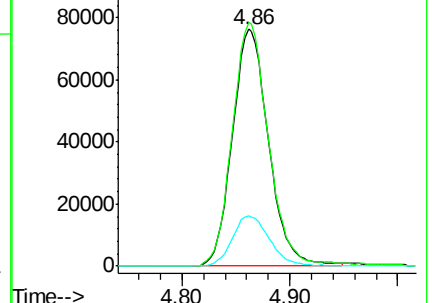
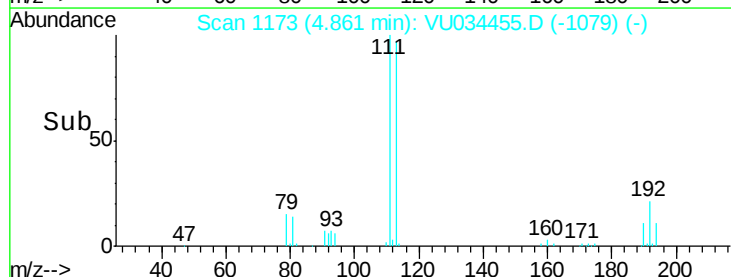
192 21.8 17.8 26.8

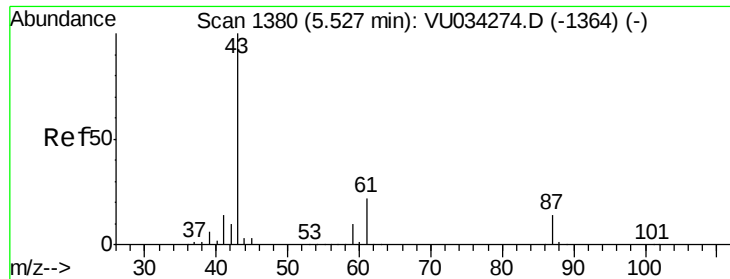


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

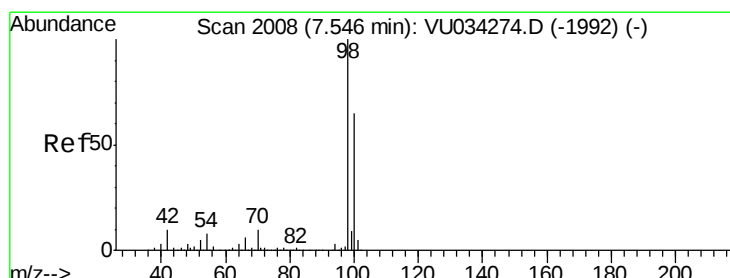
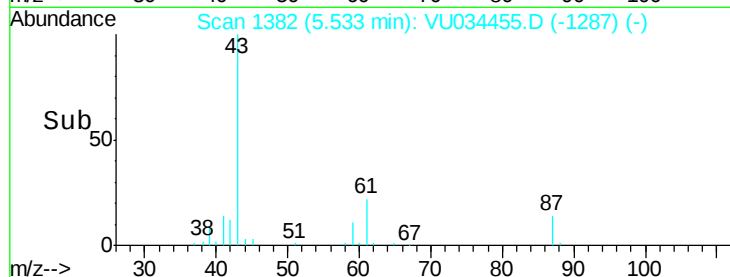
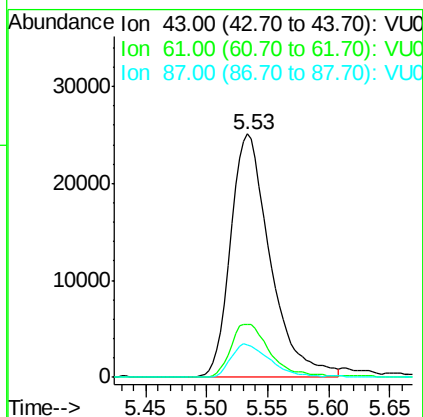
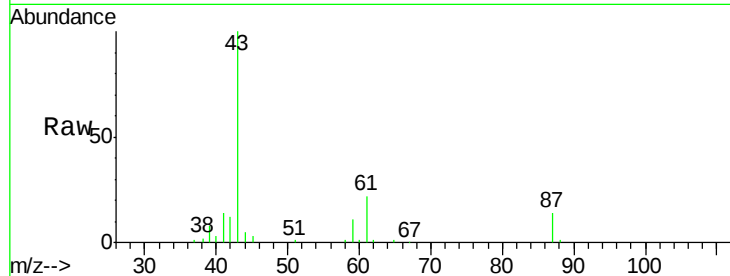




#43
Isopropyl Acetate
Concen: 7.650 ug/l
RT: 5.53 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

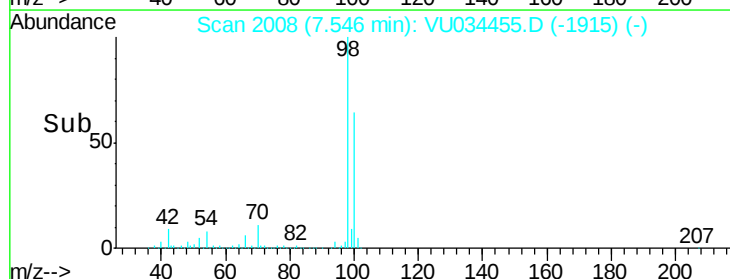
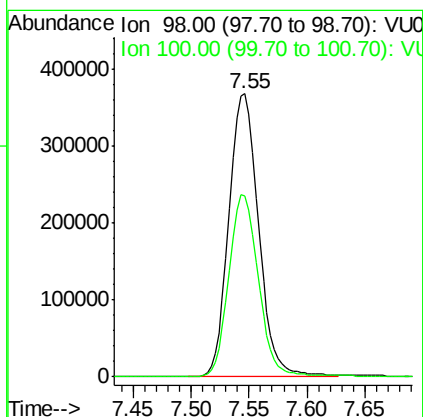
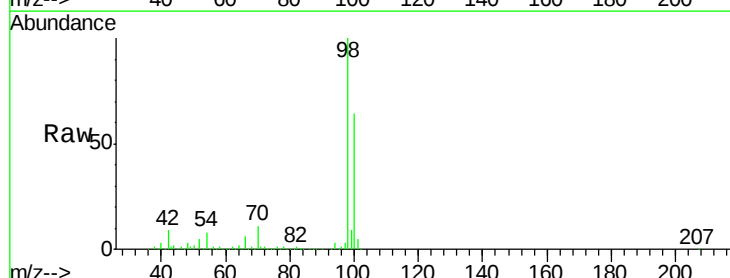
Instrument :
MSVOA_U
ClientSampleId :
PAR-C4-(0)

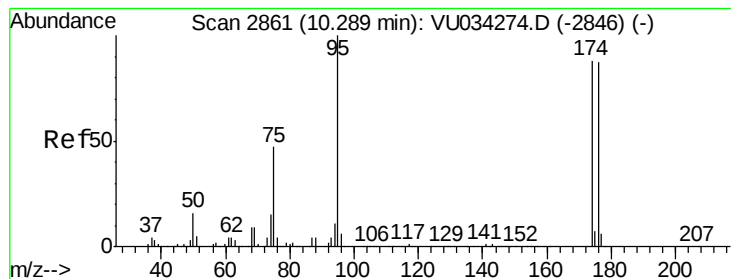
Tot Ion: 43 Resp: 56868
Ion Ratio Lower Upper
43 100
61 21.8 17.1 25.7
87 13.4 11.1 16.7



#50
Toluene-d8
Concen: 50.415 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VU034455.D
Acq: 10 Sep 2019 16:44

Tgt Ion: 98 Resp: 655010
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 44.627 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034455.D

Acq: 10 Sep 2019 16:44

Instrument :

MSVOA_U

ClientSampleId :

PAR-C4-(0)

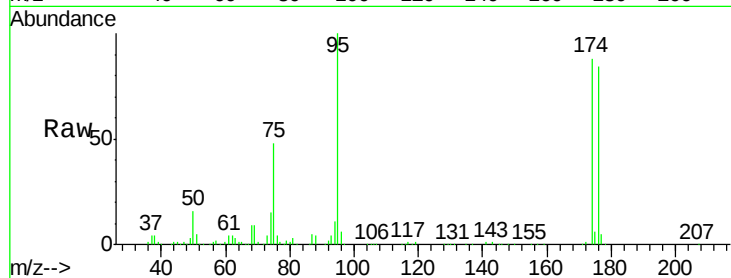
Tot Ion: 95 Resp: 223858

Ion Ratio Lower Upper

95 100

174 88.5 0.0 175.2

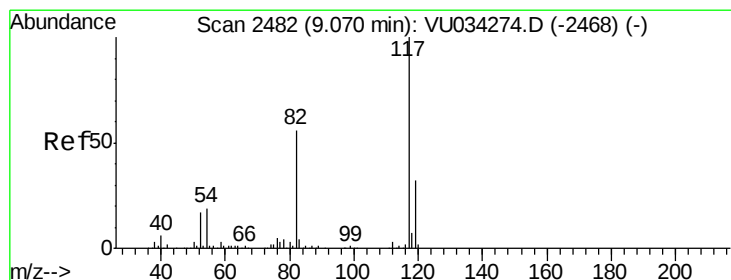
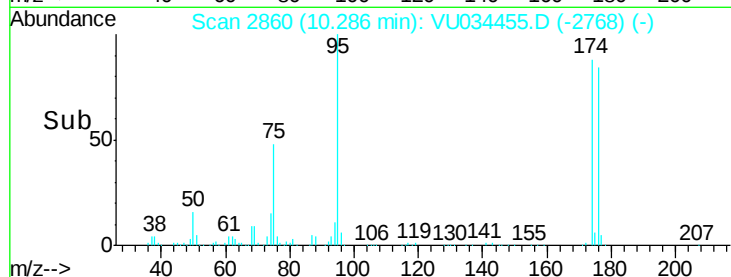
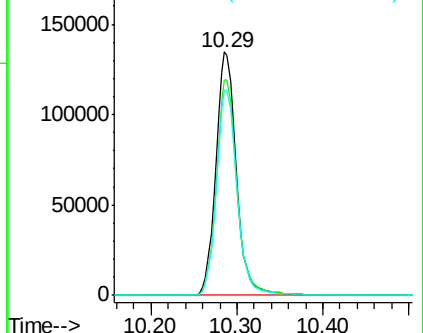
176 84.8 0.0 168.0



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2481

Delta R.T. -0.00 min

Lab File: VU034455.D

Acq: 10 Sep 2019 16:44

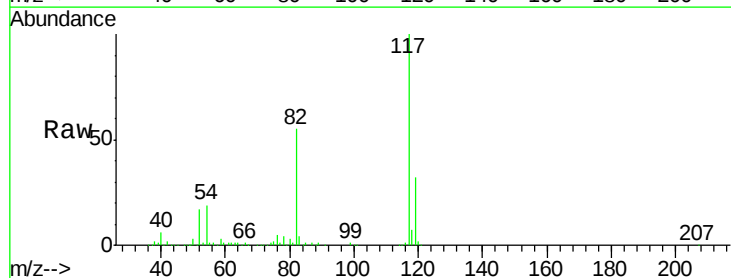
Tgt Ion: 117 Resp: 388130

Ion Ratio Lower Upper

117 100

82 55.2 44.6 67.0

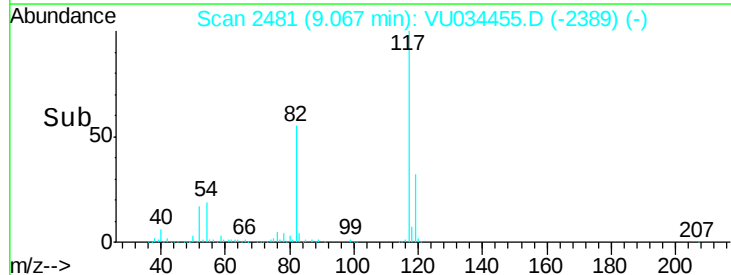
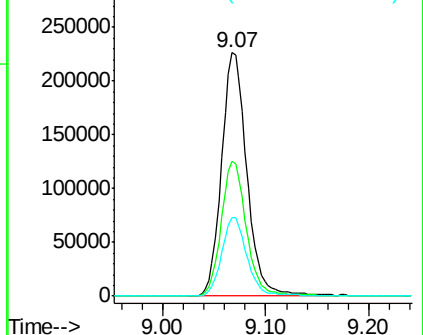
119 32.3 25.9 38.9

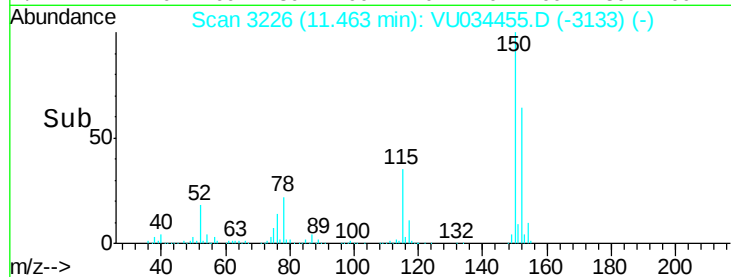
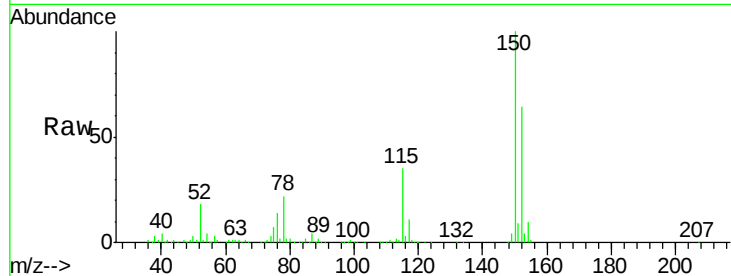
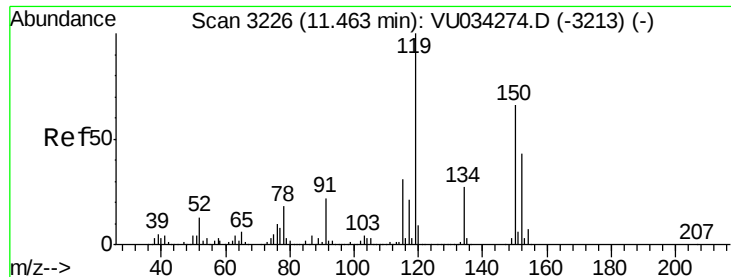


Abundance Ion 116.90 (116.60 to 117.60): VU034274.D (-2468) (-)

Ion 82.00 (81.70 to 82.70): VU034274.D (-2468) (-)

Ion 118.90 (118.60 to 119.60): VU034274.D (-2468) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034455.D

Acq: 10 Sep 2019 16:44

Instrument :

MSVOA_U

ClientSampleId :

PAR-C4-(0)

Tot Ion:152 Resp: 210149

Ion Ratio Lower Upper

152 100

115 55.6 39.1 117.3

150 158.5 0.0 345.4

