

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083019\
 Data File : VU034070.D
 Acq On : 29 Aug 2019 18:23
 Operator : JC/SP
 Sample : K4595-01ME
 Misc : 6.22g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S502-K2-9.5-10.0-082819ME

Quant Time: Aug 30 05:13:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

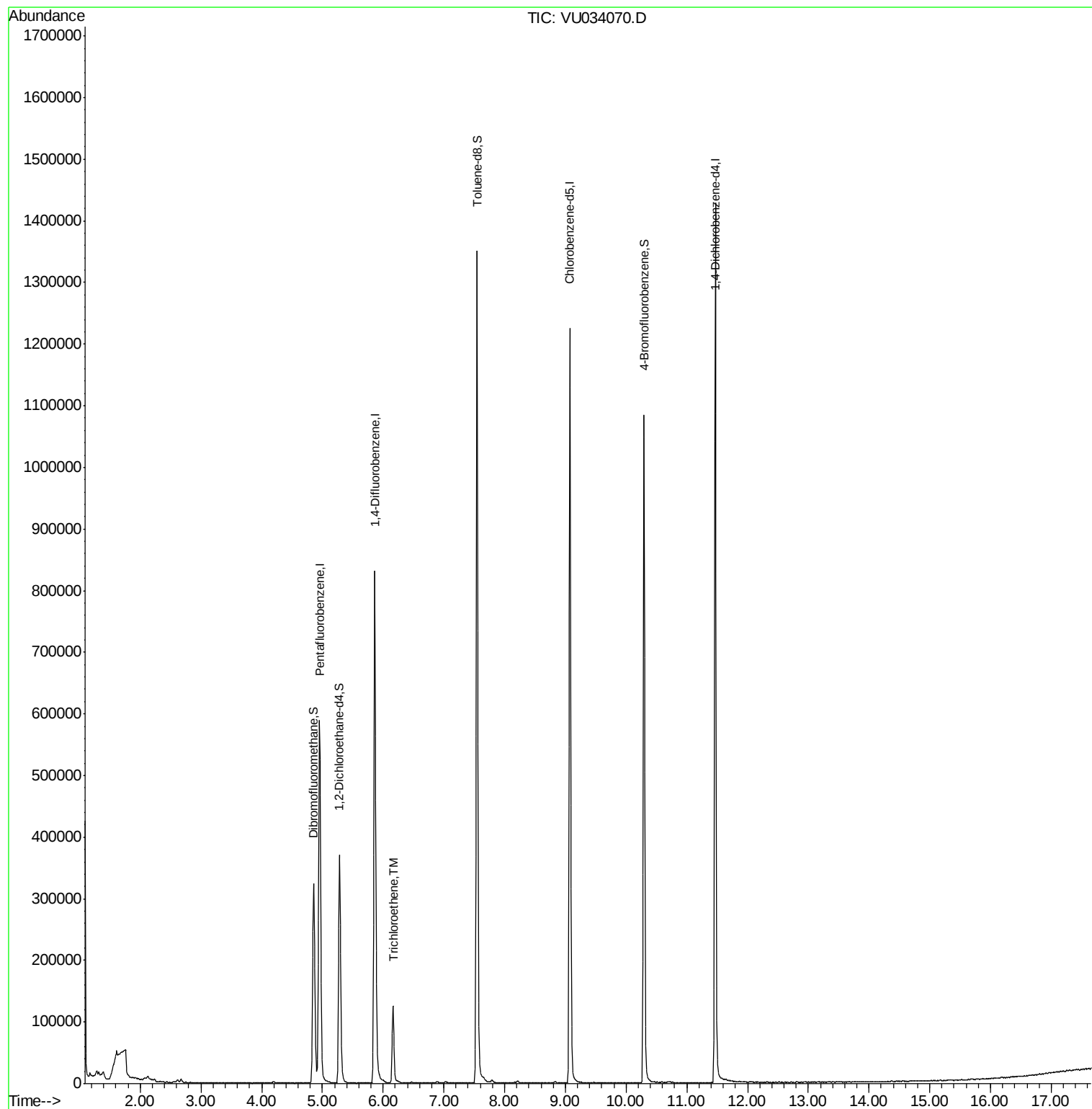
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.95	168	492115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	783294	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	763990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	393096	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.28	65	307942	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
35) Dibromofluoromethane	4.86	113	252099	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	
50) Toluene-d8	7.55	98	983288	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
62) 4-Bromofluorobenzene	10.30	95	369484	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
Target Compounds						
44) Trichloroethene	6.16	130	48201	8.188	ug/l	Qvalue 93

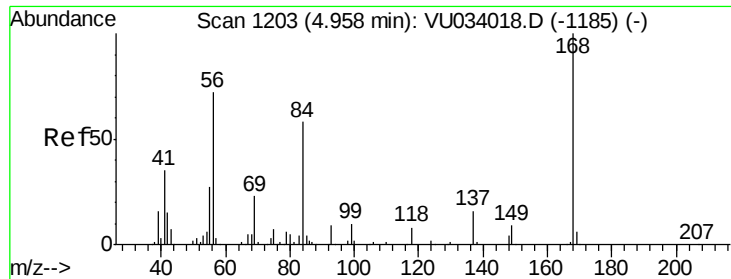
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.95 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VU034070.D

Acq: 29 Aug 2019 18:23

Instrument :

MSVOA_U

ClientSampleId :

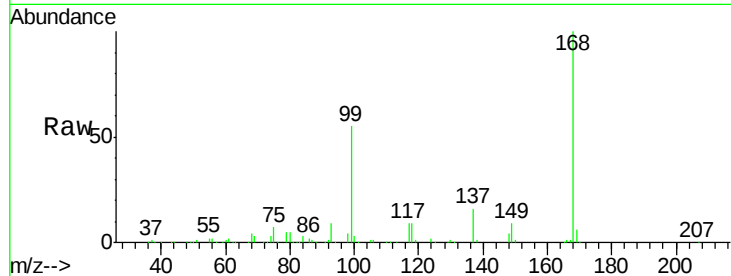
S502-K2-9.5-10.0-082819ME

Tot Ion:168 Resp: 492115

Ion Ratio Lower Upper

168 100

99 54.8 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034070.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034070.D (-1185) (-)

4.95

200000

150000

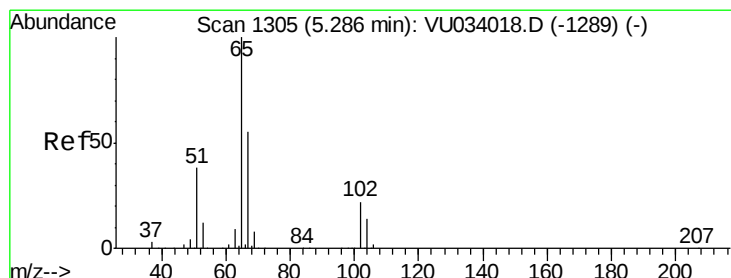
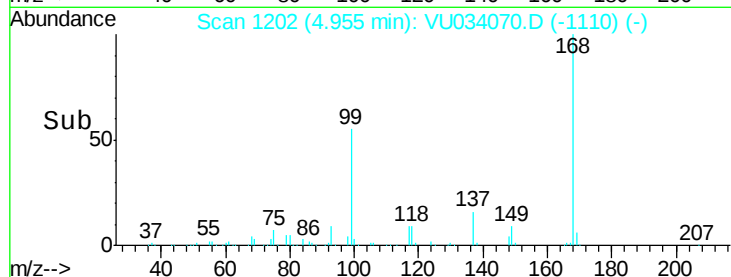
100000

50000

0

4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.836 ug/l

RT: 5.28 min Scan# 1304

Delta R.T. -0.00 min

Lab File: VU034070.D

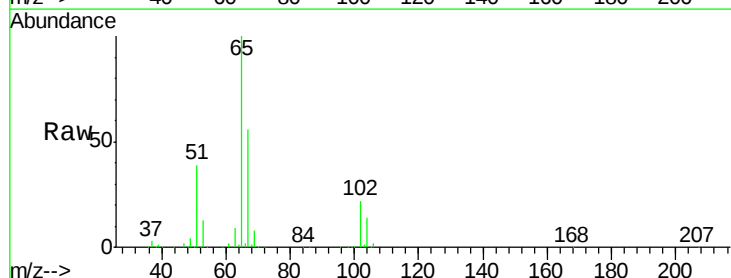
Acq: 29 Aug 2019 18:23

Tgt Ion: 65 Resp: 307942

Ion Ratio Lower Upper

65 100

67 54.6 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034070.D (-1212) (-)

Ion 66.90 (66.60 to 67.60): VU034070.D (-1212) (-)

5.28

150000

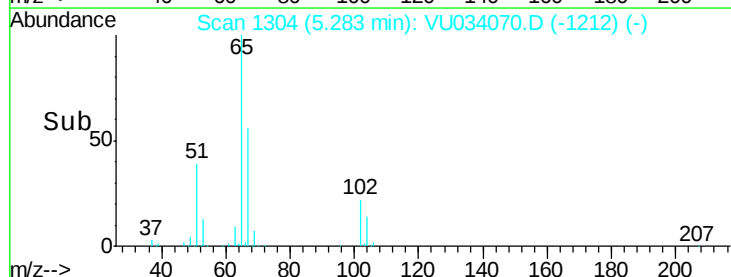
100000

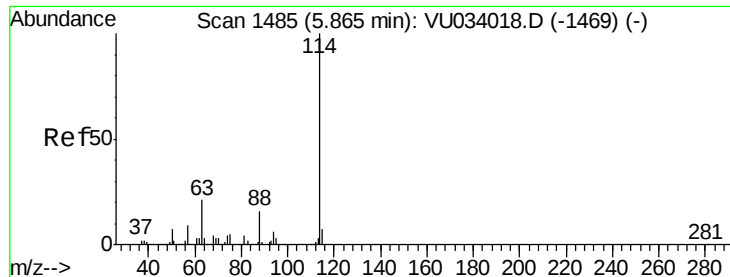
50000

0

5.20 5.30 5.40

Time-->

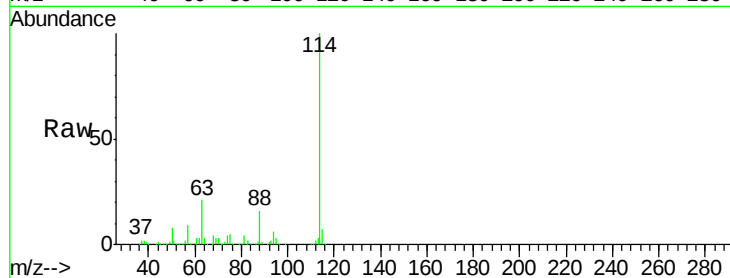




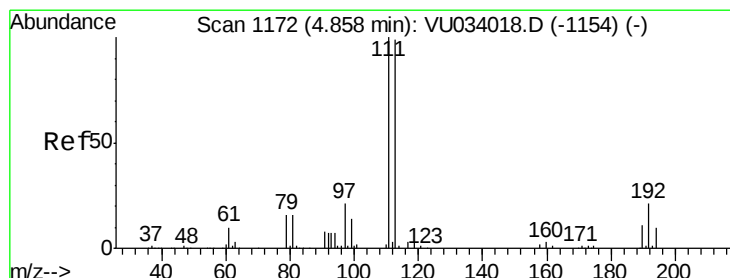
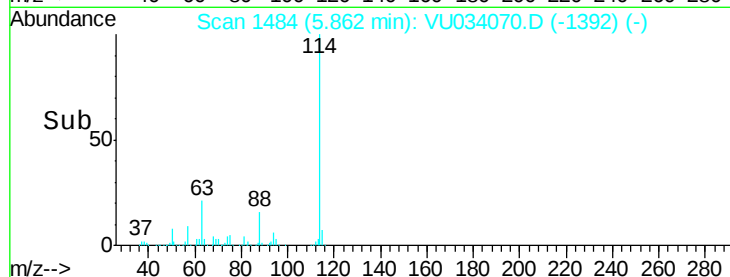
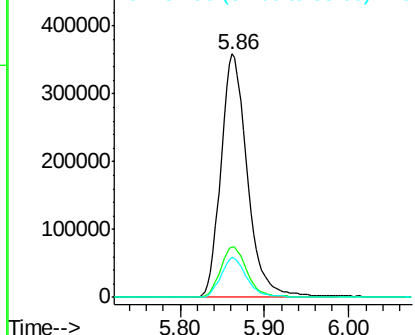
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: VU034070.D
 Acq: 29 Aug 2019 18:23

Instrument :
 MSVOA_U
 ClientSampleId :
 S502-K2-9.5-10.0-082819ME

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.0
88	16.4	0.0	32.0

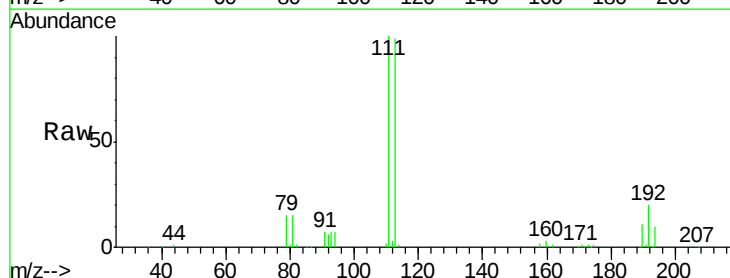


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

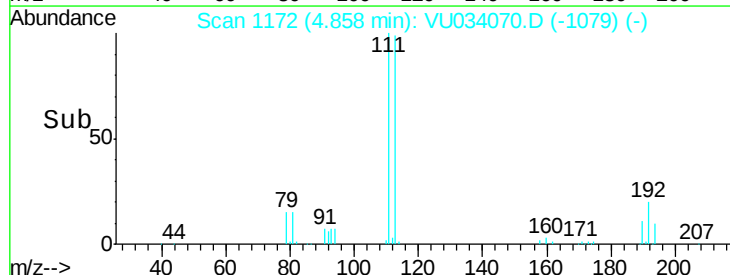
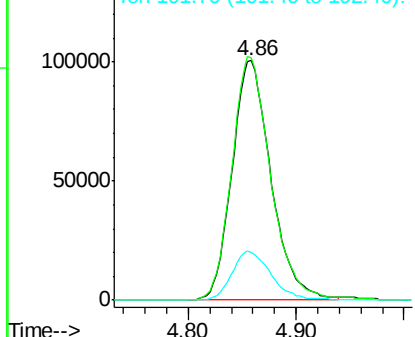


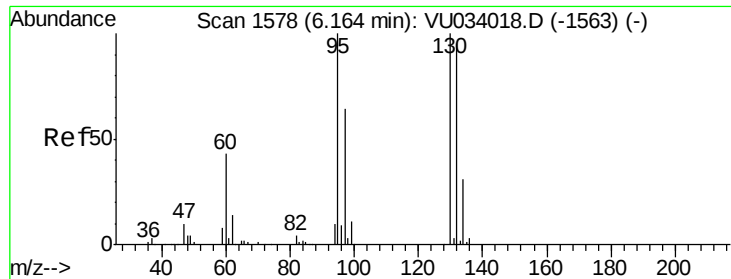
#35
 Dibromofluoromethane
 Concen: 46.403 ug/l
 RT: 4.86 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: VU034070.D
 Acq: 29 Aug 2019 18:23

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.7	122.5
192	20.7	17.1	25.7



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





#44

Trichloroethene

Concen: 8.188 ug/l

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU034070.D

Acq: 29 Aug 2019 18:23

Instrument :

MSVOA_U

ClientSampleId :

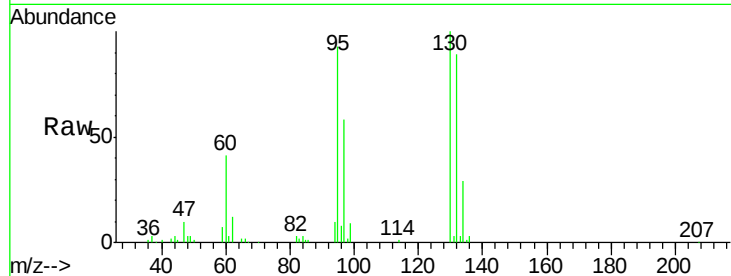
S502-K2-9.5-10.0-082819ME

Tot Ion:130 Resp: 48201

Ion Ratio Lower Upper

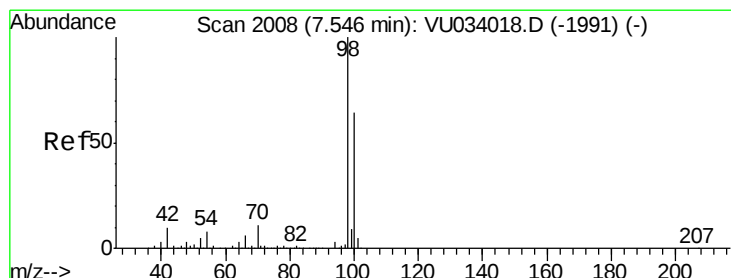
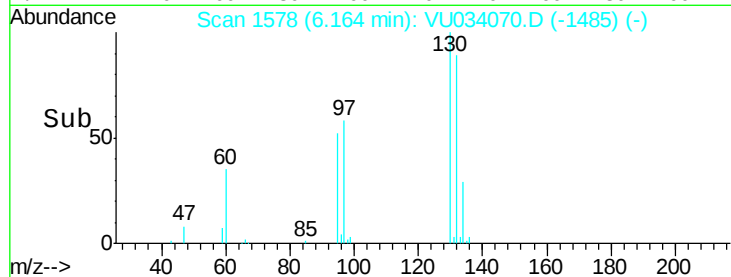
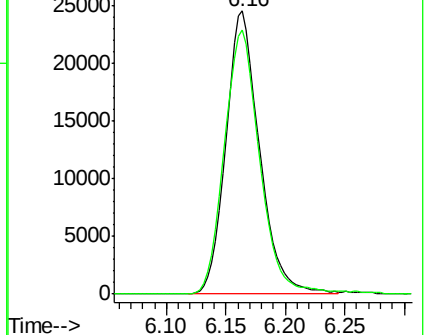
130 100

95 93.3 0.0 199.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0



#50

Toluene-d8

Concen: 48.336 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034070.D

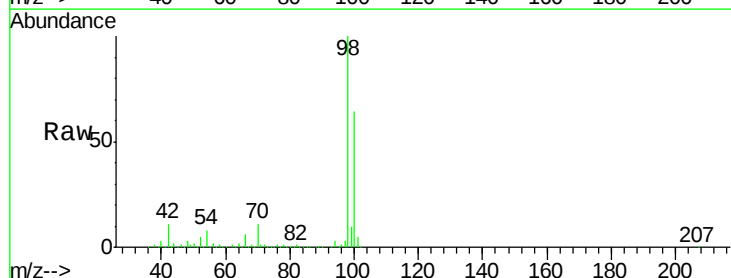
Acq: 29 Aug 2019 18:23

Tgt Ion: 98 Resp: 983288

Ion Ratio Lower Upper

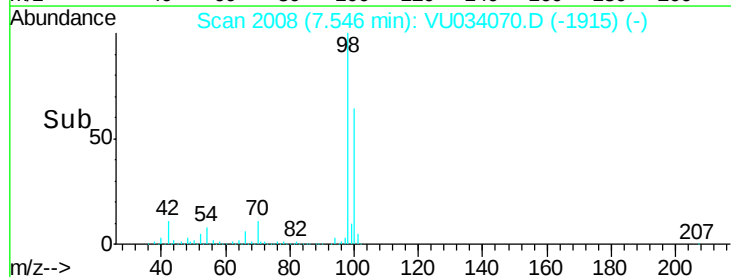
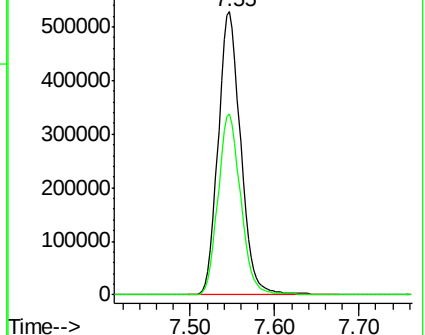
98 100

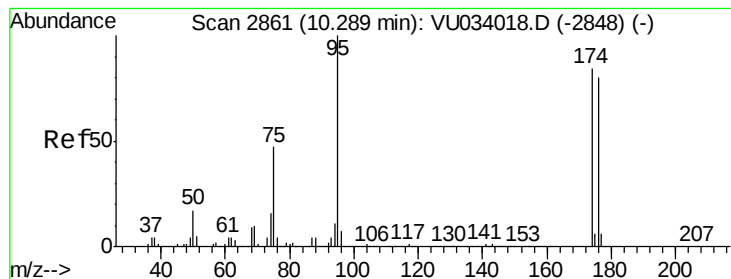
100 64.1 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#62

4-Bromofluorobenzene

Concen: 46.693 ug/l

RT: 10.30 min Scan# 2863

Delta R.T. 0.01 min

Lab File: VU034070.D

Acq: 29 Aug 2019 18:23

Instrument :

MSVOA_U

ClientSampleId :

S502-K2-9.5-10.0-082819ME

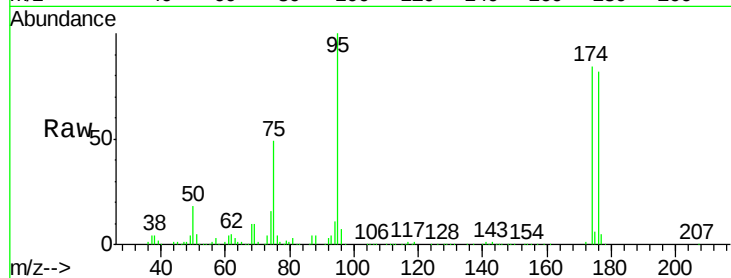
Tot Ion: 95 Resp: 369484

Ion Ratio Lower Upper

95 100

174 84.2 0.0 168.8

176 81.8 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU034018.D (-2848) (-)

Ion 173.80 (173.50 to 174.50): VU034018.D (-2848) (-)

Ion 175.80 (175.50 to 176.50): VU034018.D (-2848) (-)

10.30

250000

200000

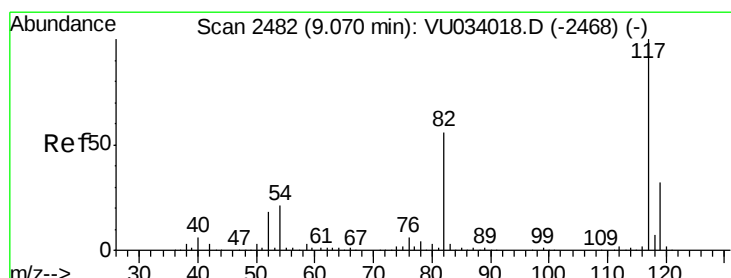
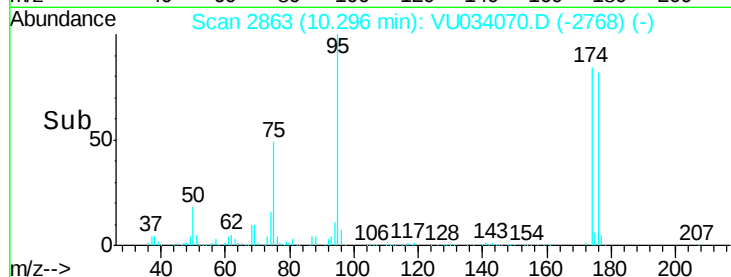
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2483

Delta R.T. 0.00 min

Lab File: VU034070.D

Acq: 29 Aug 2019 18:23

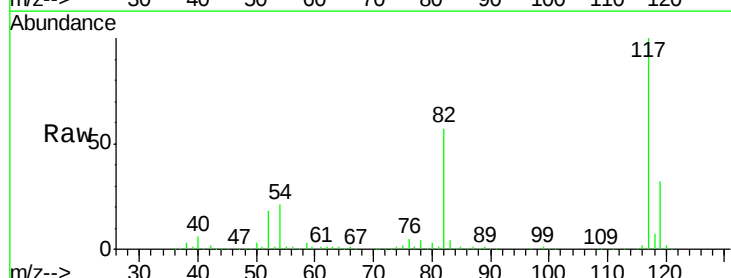
Tgt Ion: 117 Resp: 763990

Ion Ratio Lower Upper

117 100

82 56.9 45.1 67.7

119 31.8 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): VU034018.D (-2468) (-)

Ion 82.00 (81.70 to 82.70): VU034018.D (-2468) (-)

Ion 118.90 (118.60 to 119.60): VU034018.D (-2468) (-)

9.07

500000

400000

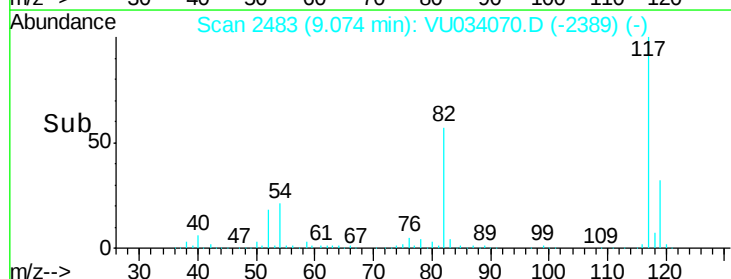
300000

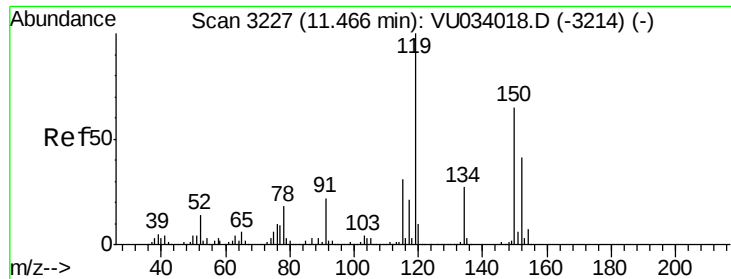
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3228

Delta R.T. 0.00 min

Lab File: VU034070.D

Acq: 29 Aug 2019 18:23

Instrument :

MSVOA_U

ClientSampleId :

S502-K2-9.5-10.0-082819ME

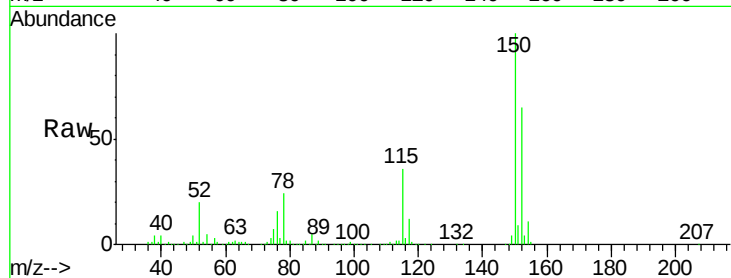
Tot Ion:152 Resp: 393096

Ion Ratio Lower Upper

152 100

115 57.0 41.1 123.3

150 157.6 0.0 348.8



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

