

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091019\
 Data File : VU034448.D
 Acq On : 10 Sep 2019 14:02
 Operator : JC/SP
 Sample : K4602-34
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-D1-(0)

Quant Time: Sep 11 06:44:28 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

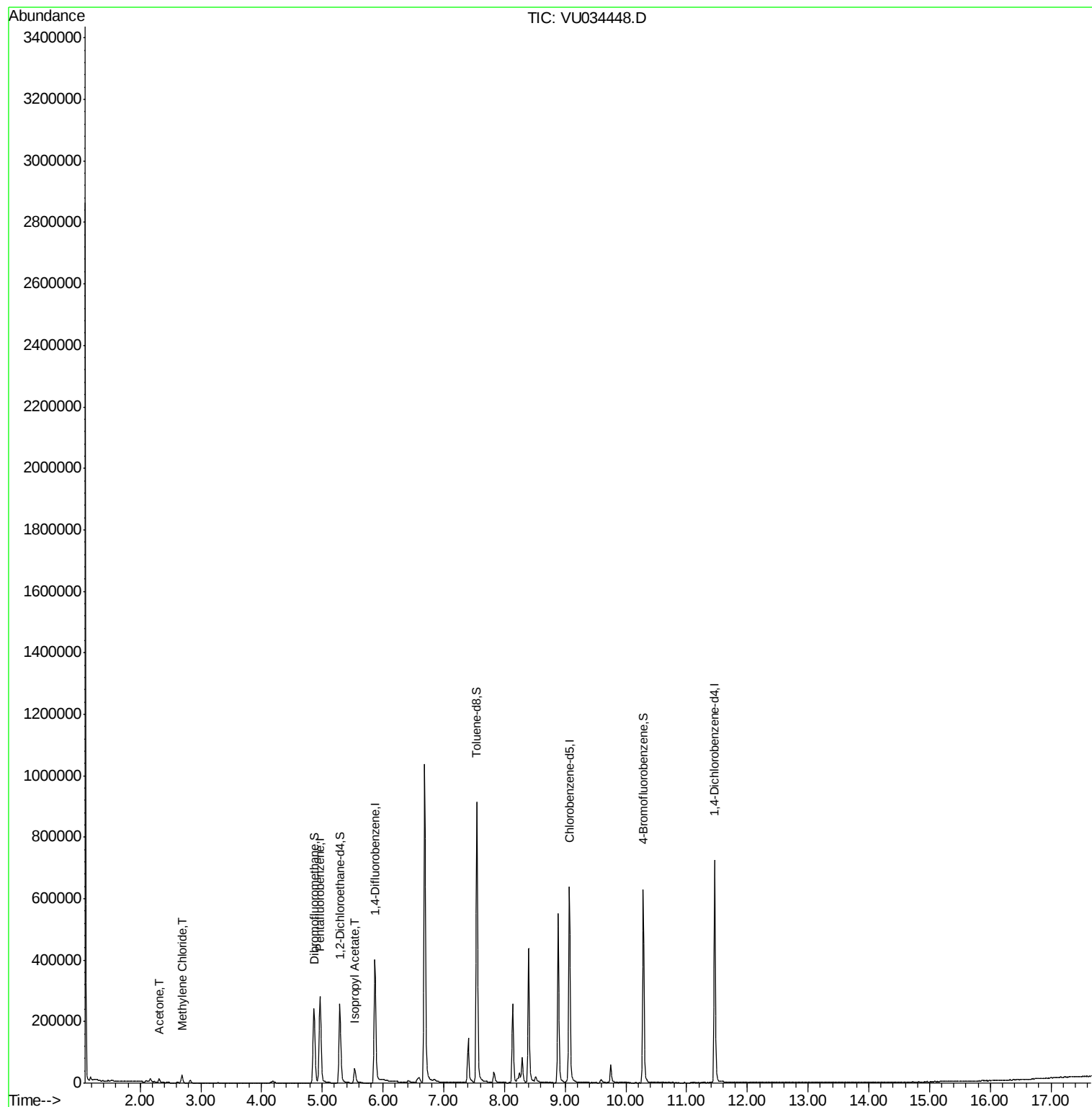
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	232562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	366197	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	378887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	207723	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	199502	56.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.40%	
35) Dibromofluoromethane	4.86	113	177881	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
50) Toluene-d8	7.55	98	645193	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
62) 4-Bromofluorobenzene	10.29	95	215325	43.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.12%	
Target Compounds						
16) Acetone	2.31	43	12220	6.711	ug/l	97
20) Methylene Chloride	2.69	84	11303	3.417	ug/l	97
43) Isopropyl Acetate	5.53	43	56215	7.674	ug/l	99

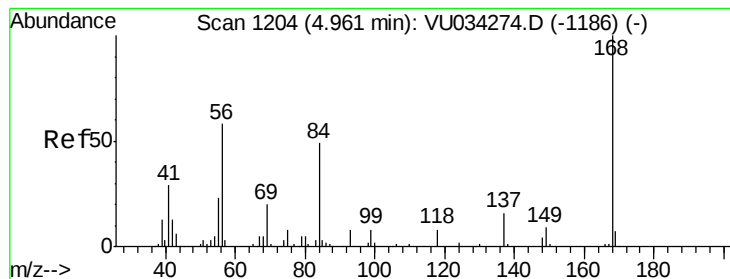
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034448.D

Acq: 10 Sep 2019 14:02

Instrument :

MSVOA_U

ClientSampleId :

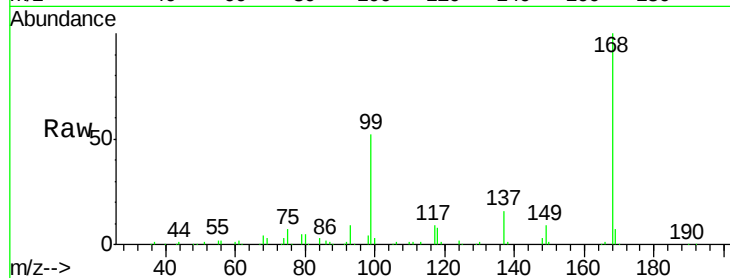
PAR-D1-(0)

Tot Ion:168 Resp: 232562

Ion Ratio Lower Upper

168 100

99 51.5 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034448.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034448.D (-1186) (-)

4.96

100000

80000

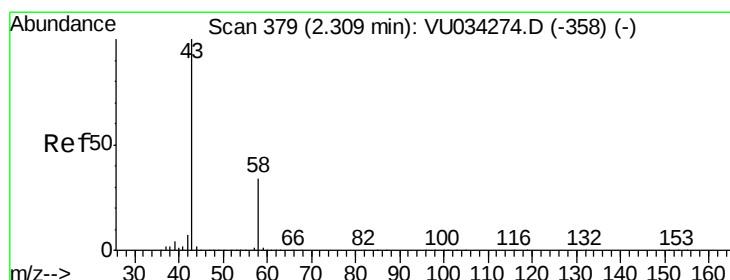
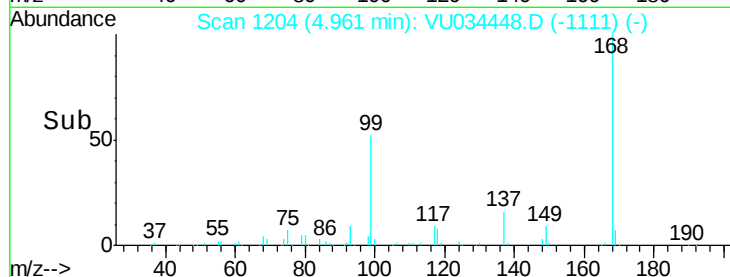
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 6.711 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034448.D

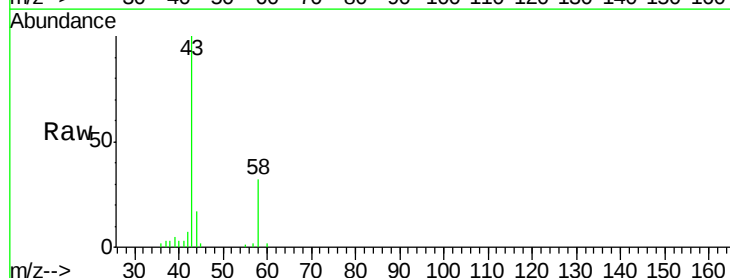
Acq: 10 Sep 2019 14:02

Tgt Ion: 43 Resp: 12220

Ion Ratio Lower Upper

43 100

58 32.7 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034448.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034448.D (-286) (-)

2.31

8000

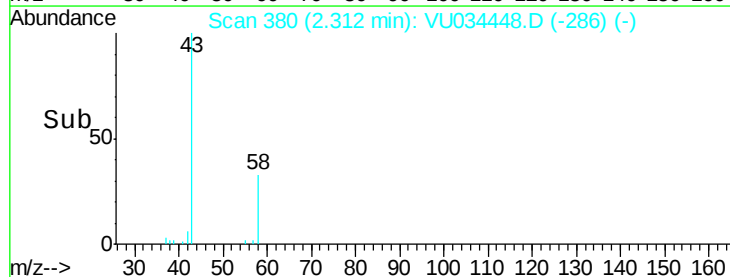
6000

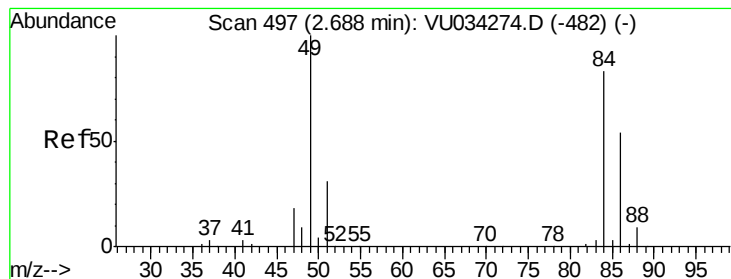
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 3.417 ug/l

RT: 2.69 min Scan# 497

Delta R.T. 0.00 min

Lab File: VU034448.D

Acq: 10 Sep 2019 14:02

Instrument :

MSVOA_U

ClientSampleId :

PAR-D1-(0)

Tot Ion: 84 Resp: 11303

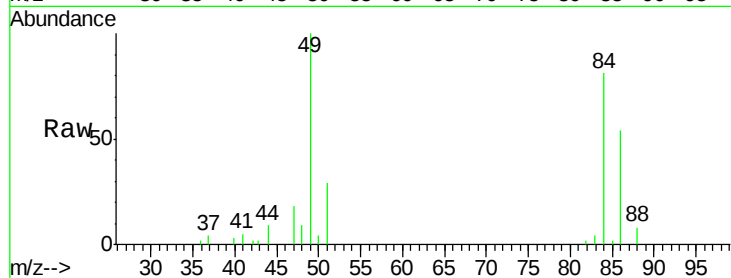
Ion Ratio Lower Upper

84 100

49 123.8 96.0 144.0

51 35.5 30.0 45.0

86 67.2 51.4 77.0



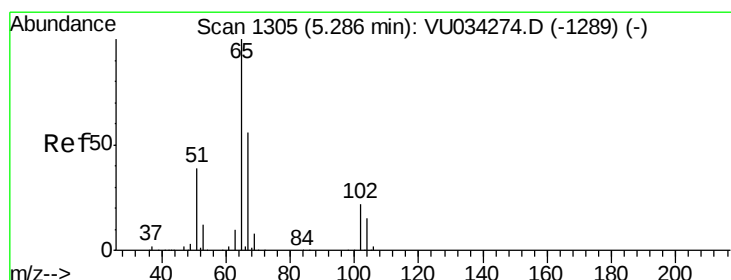
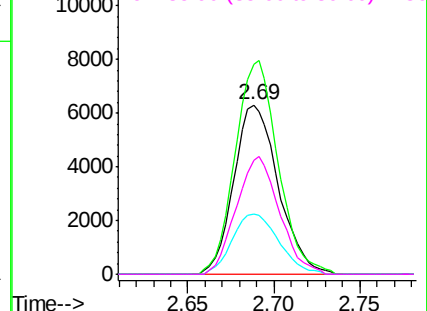
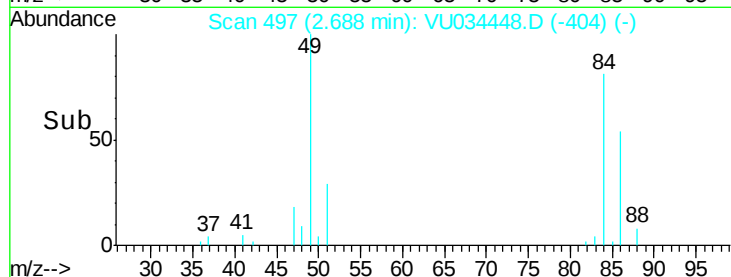
Abundance

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: 56.697 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034448.D

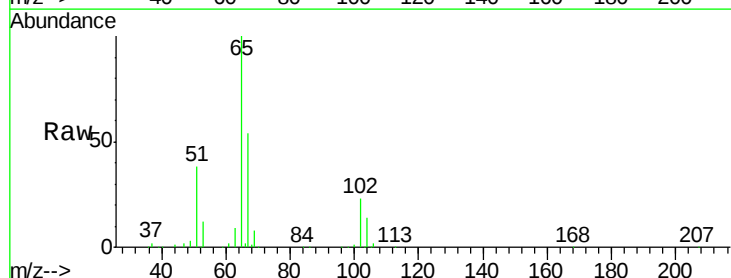
Acq: 10 Sep 2019 14:02

Tgt Ion: 65 Resp: 199502

Ion Ratio Lower Upper

65 100

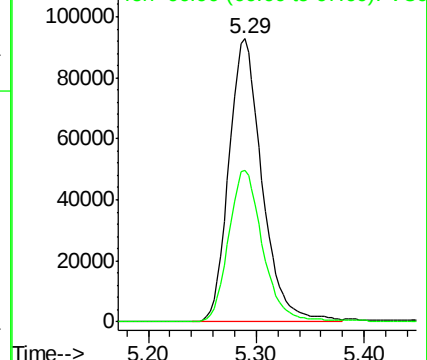
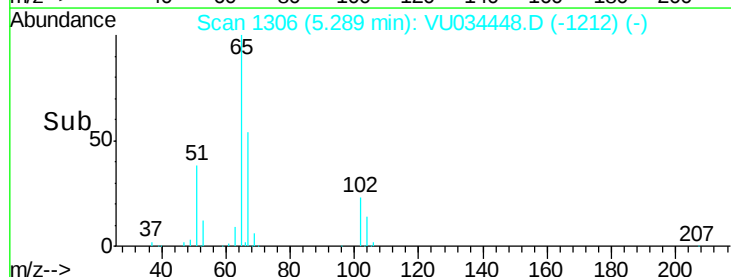
67 54.6 0.0 112.4

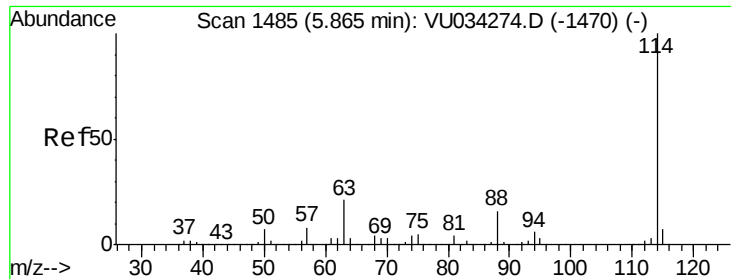


Abundance

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: VU034448.D

Acq: 10 Sep 2019 14:02

Instrument :

MSVOA_U

ClientSampleId :

PAR-D1-(0)

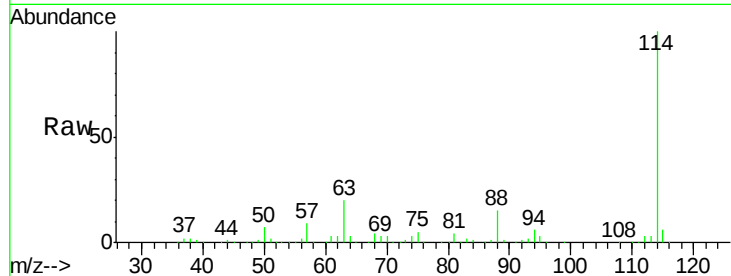
Tot Ion:114 Resp: 366197

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

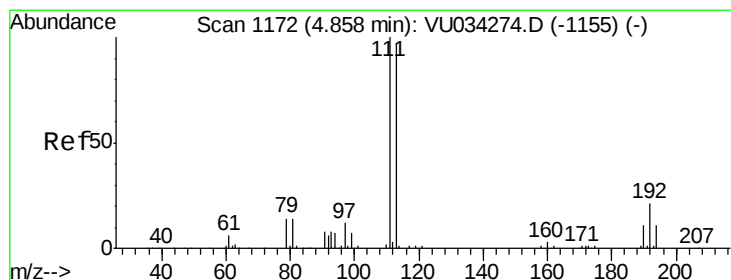
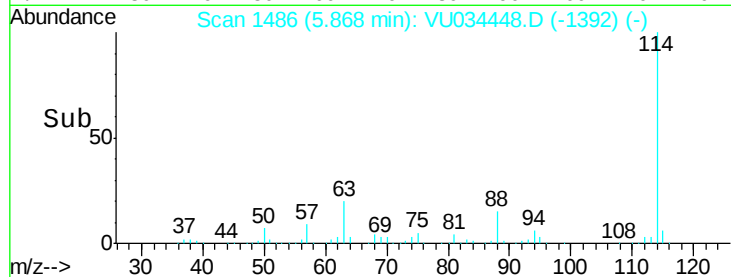
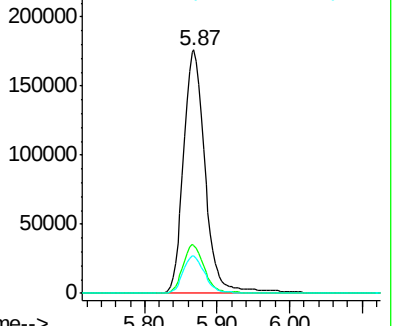
88 15.4 0.0 32.4



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: 52.203 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034448.D

Acq: 10 Sep 2019 14:02

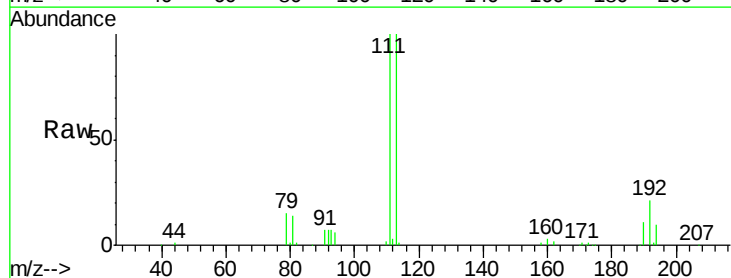
Tgt Ion:113 Resp: 177881

Ion Ratio Lower Upper

113 100

111 99.3 81.5 122.3

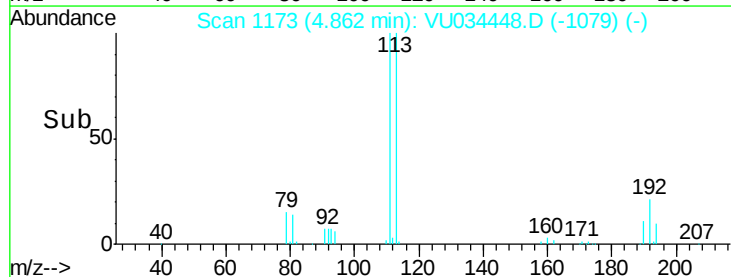
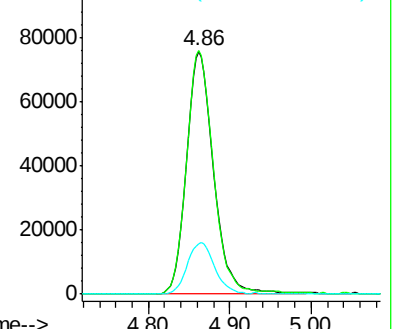
192 21.6 17.8 26.8

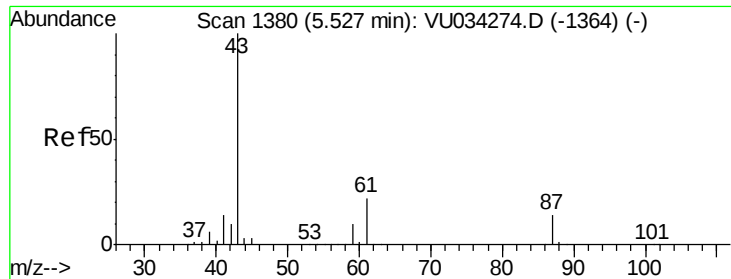


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 7.674 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034448.D

Acq: 10 Sep 2019 14:02

Instrument :

MSVOA_U

ClientSampleId :

PAR-D1-(0)

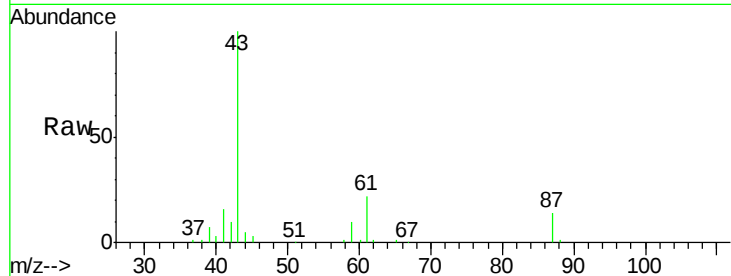
Tot Ion: 43 Resp: 56215

Ion Ratio Lower Upper

43 100

61 21.2 17.1 25.7

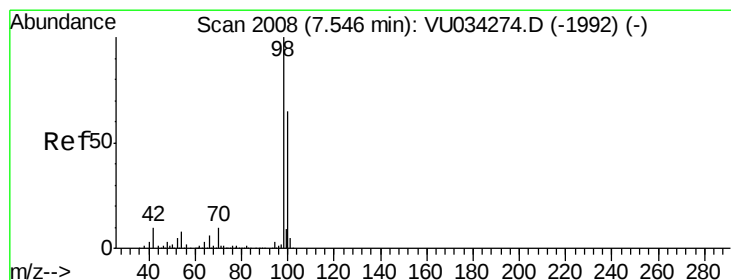
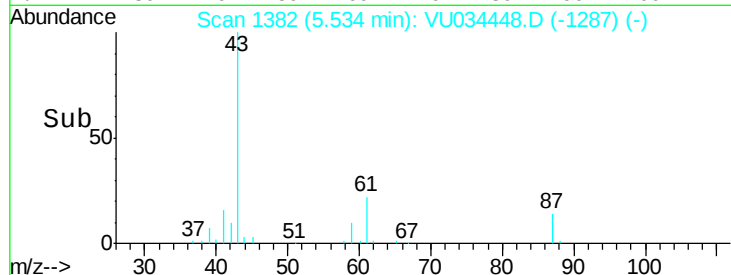
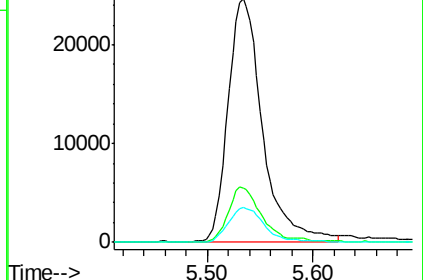
87 14.6 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034448.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034448.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034448.D (-1287) (-)



#50

Toluene-d8

Concen: 50.398 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034448.D

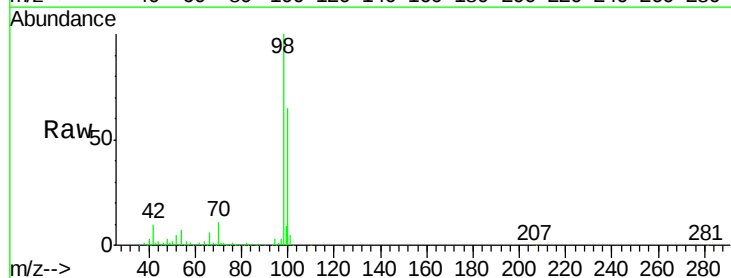
Acq: 10 Sep 2019 14:02

Tgt Ion: 98 Resp: 645193

Ion Ratio Lower Upper

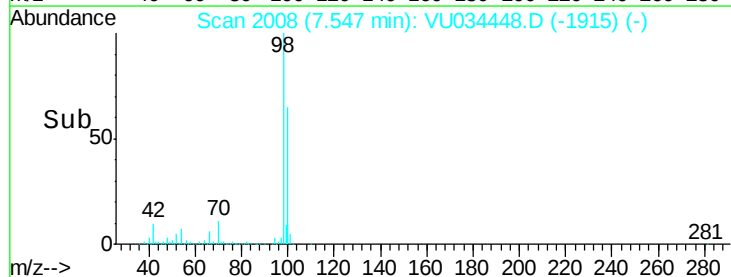
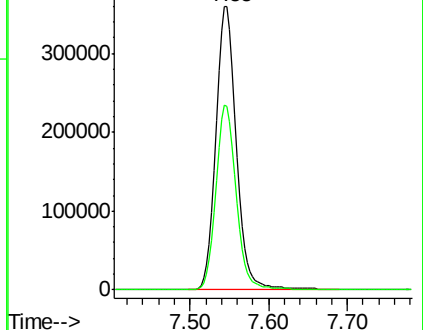
98 100

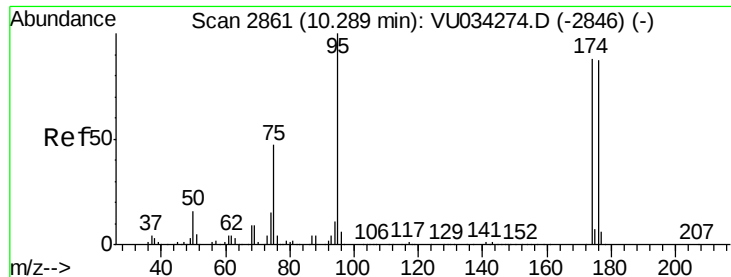
100 64.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034448.D (-1915) (-)

Ion 100.00 (99.70 to 100.70): VU034448.D (-1915) (-)

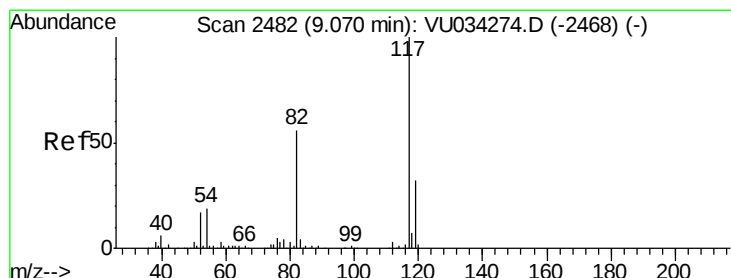
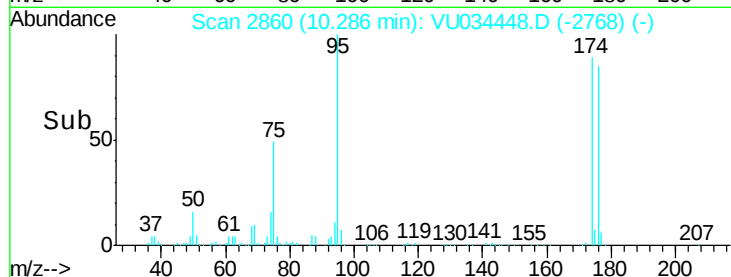
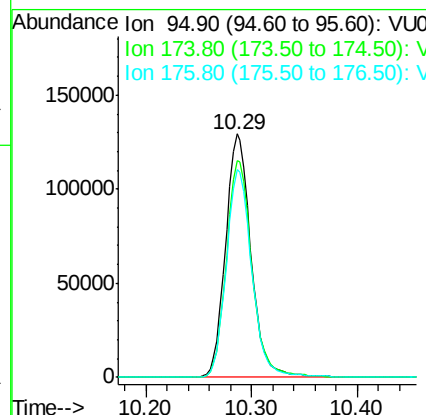
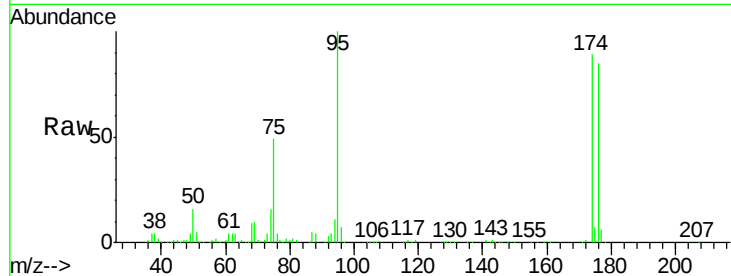




#62
4-Bromofluorobenzene
Concen: 43.564 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

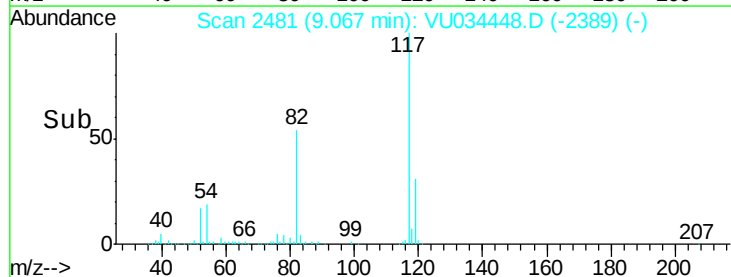
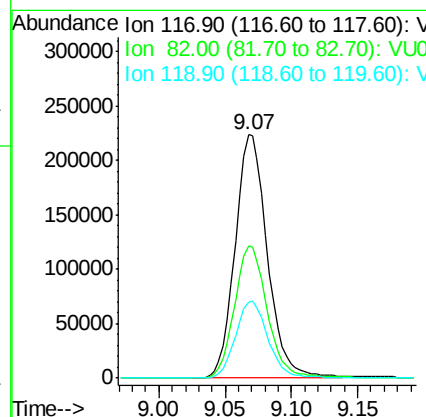
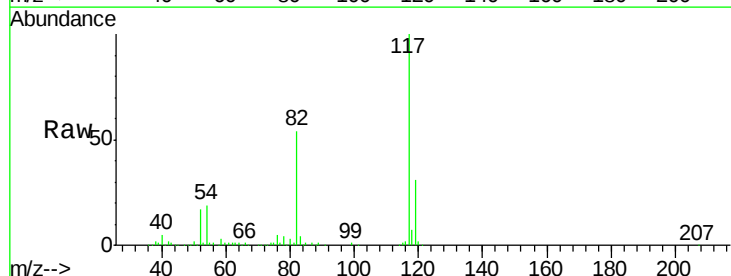
Instrument :
MSVOA_U
ClientSampleId :
PAR-D1-(0)

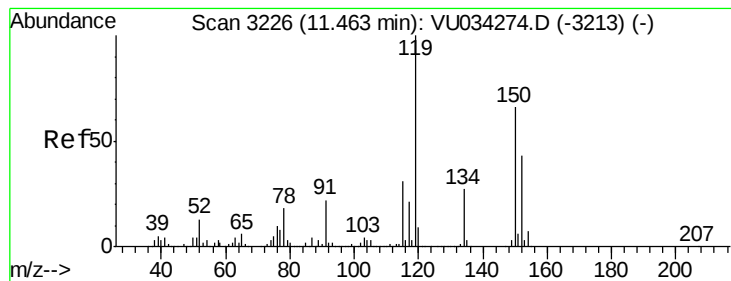
Tot Ion	Ratio	Lower	Upper
95	100		
174	90.2	0.0	175.2
176	86.1	0.0	168.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2481
Delta R.T. -0.00 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.6	67.0
119	31.3	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: VU034448.D

Acq: 10 Sep 2019 14:02

Instrument :

MSVOA_U

ClientSampleId :

PAR-D1-(0)

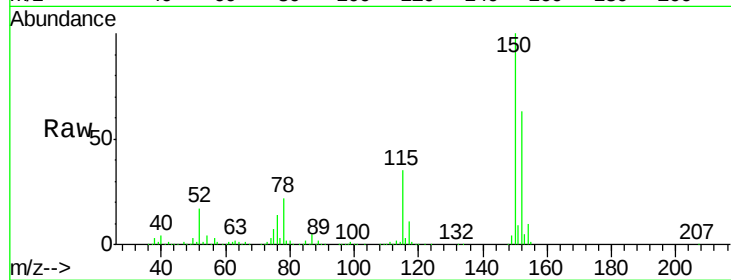
Tot Ion:152 Resp: 207723

Ion Ratio Lower Upper

152 100

115 55.7 39.1 117.3

150 157.3 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

