

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090219\
 Data File : VU034182.D
 Acq On : 01 Sep 2019 20:22
 Operator : JC/SP
 Sample : I.BLK
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 02 08:36:11 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	4.96	168	432933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	703947	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	676012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	339988	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.29	65	278792	50.26	ug/l	0.00
Spiked Amount			Recovery	=	100.52%	
35) Dibromofluoromethane	4.86	113	233898	47.91	ug/l	0.00
Spiked Amount			Recovery	=	95.82%	
50) Toluene-d8	7.55	98	904667	49.48	ug/l	0.00
Spiked Amount			Recovery	=	98.96%	
62) 4-Bromofluorobenzene	10.29	95	314629	44.24	ug/l	0.00
Spiked Amount			Recovery	=	88.48%	

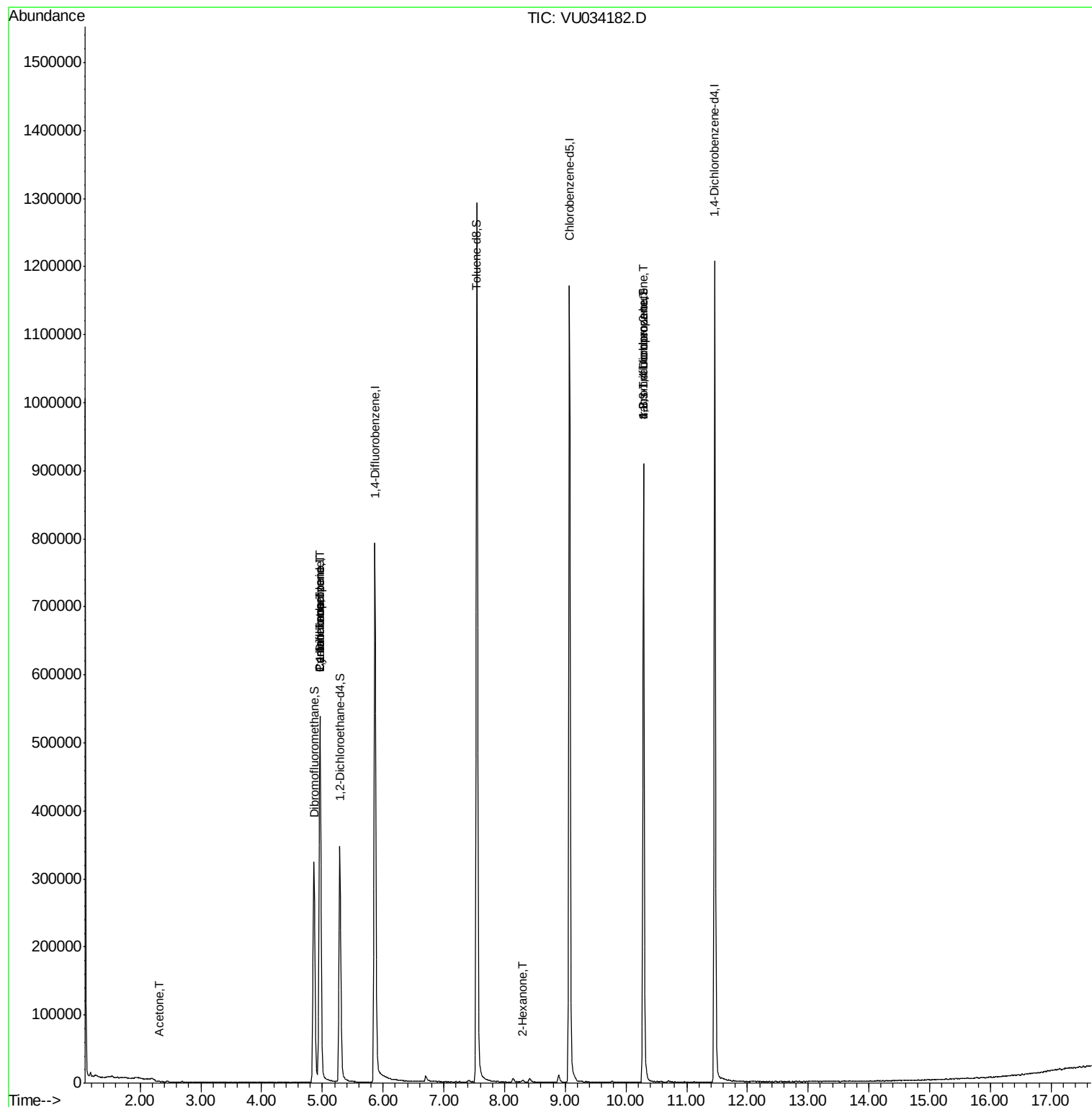
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	391	Below Cal	#	80
5) Bromomethane	1.63	94	530	Below Cal	#	61
16) Acetone	2.31	43	750	0.265	ug/l	91
31) Cyclohexane	4.96	56	8001	0.966	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	31674	4.757	ug/l #	49
38) Carbon Tetrachloride	4.96	117	39757	6.186	ug/l #	16
59) 2-Hexanone	8.30	43	2269	0.384	ug/l #	23
76) 1,2,3-Trichloropropane	10.29	75	150304	19.615	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.29	75	150304	66.048	ug/l #	100

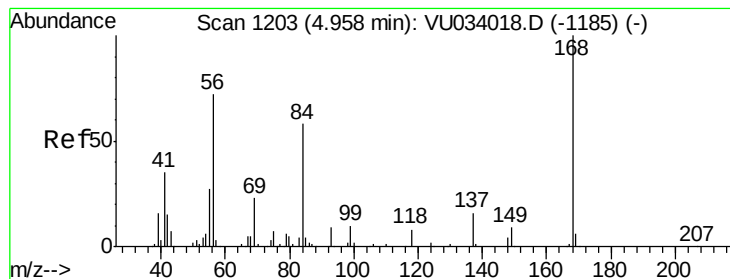
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU090219\
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ALS Vial : 25 Sample Multiplier: 1

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MSVOA_U
ClientSampleId :

Quant Time: Sep 02 08:36:11 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
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: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034182.D

Acq: 01 Sep 2019 20:22

Instrument :

MSVOA_U

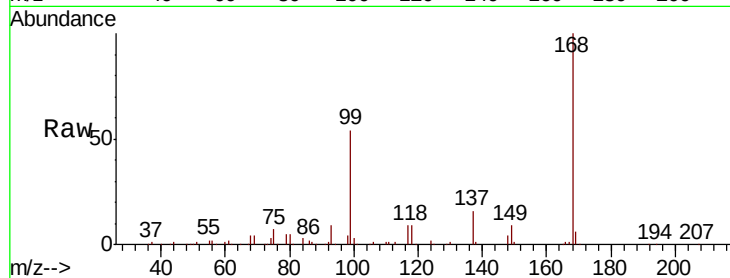
ClientSampleId :

Tot Ion:168 Resp: 432933

Ion Ratio Lower Upper

168 100

99 53.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034182.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034182.D (-1185) (-)

4.96

200000

150000

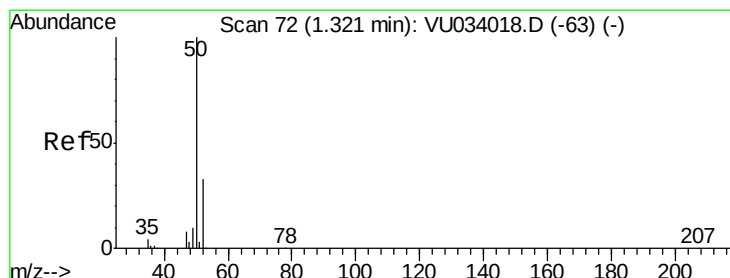
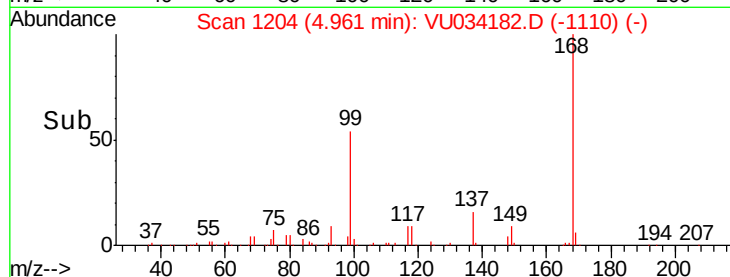
100000

50000

0

4.90 5.00 5.10

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 74

Delta R.T. 0.01 min

Lab File: VU034182.D

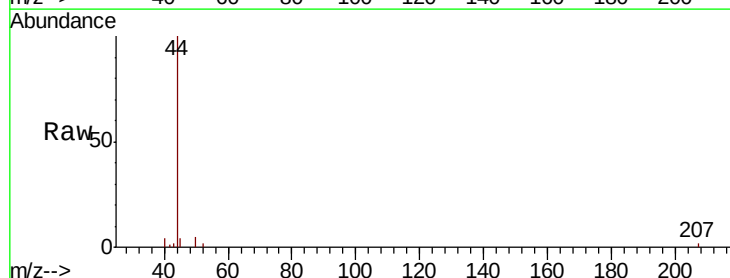
Acq: 01 Sep 2019 20:22

Tgt Ion: 50 Resp: 391

Ion Ratio Lower Upper

50 100

52 44.3 26.2 39.4#



Abundance Ion 49.90 (49.60 to 50.60): VU034182.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VU034182.D (-1) (-)

1.33

400

300

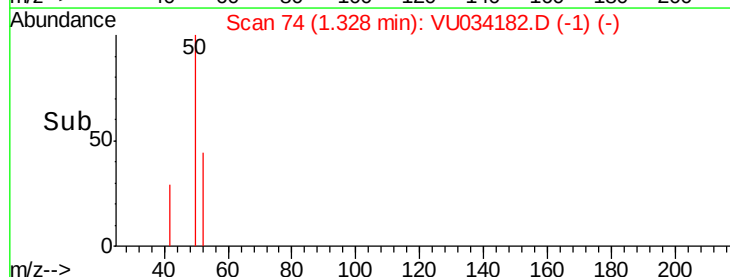
200

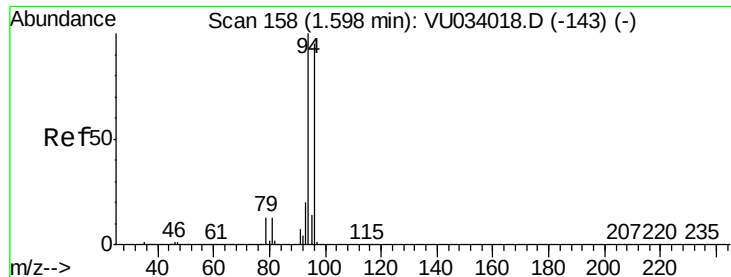
100

0

1.30 1.32 1.34 1.36

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 169

Delta R.T. 0.04 min

Lab File: VU034182.D

Acq: 01 Sep 2019 20:22

Instrument :

MSVOA_U

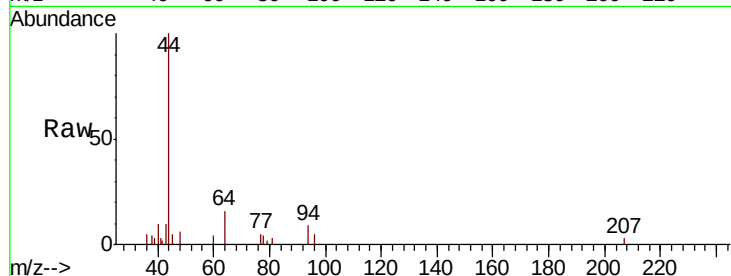
ClientSampled :

Tot Ion: 94 Resp: 530

Ion Ratio Lower Upper

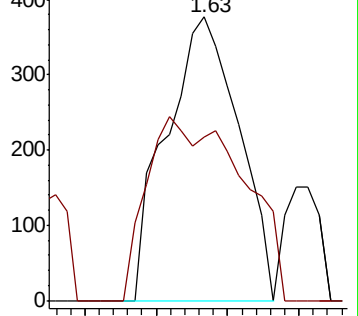
94 100

96 57.6 76.3 114.5#

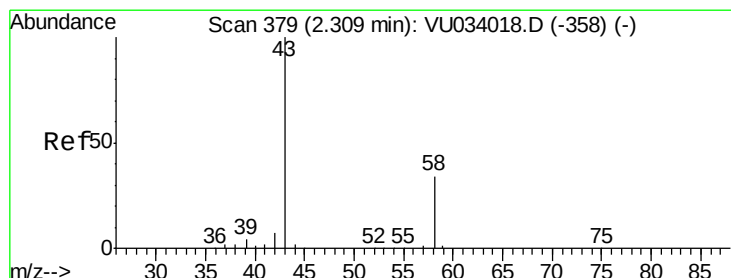
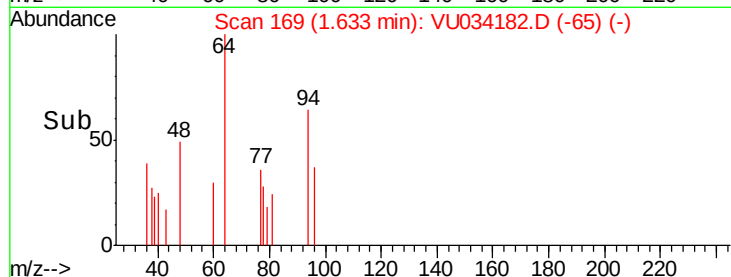


Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



Time-->



#16

Acetone

Concen: 0.265 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034182.D

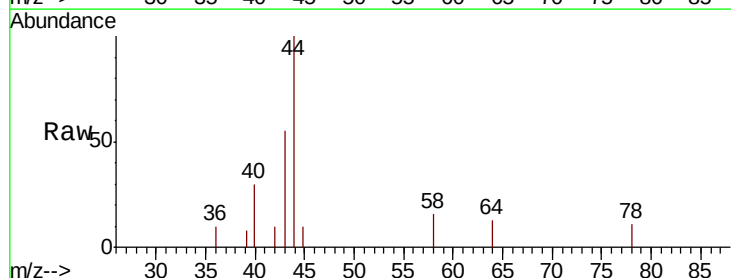
Acq: 01 Sep 2019 20:22

Tgt Ion: 43 Resp: 750

Ion Ratio Lower Upper

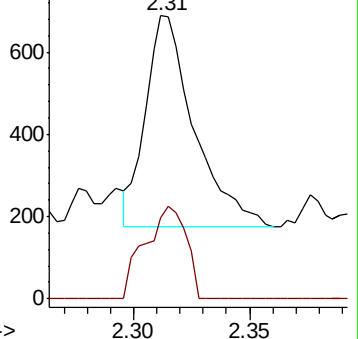
43 100

58 38.6 26.8 40.2

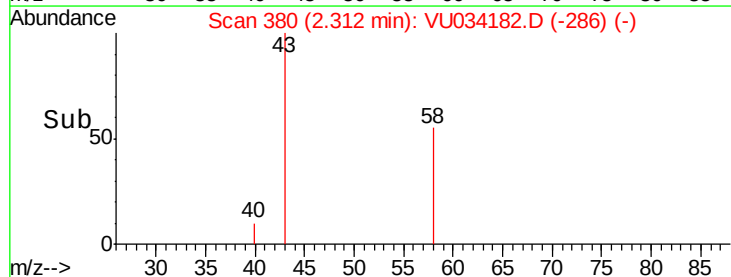


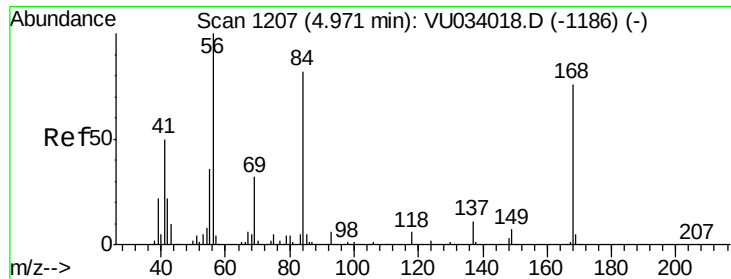
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



Time-->

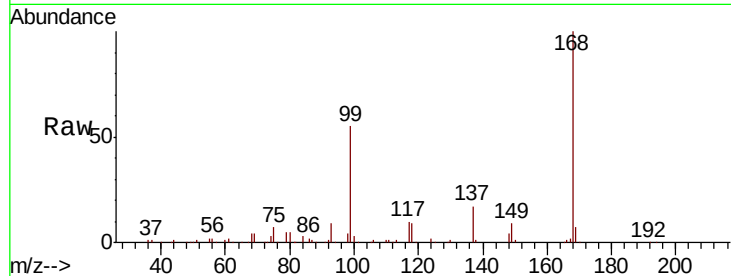




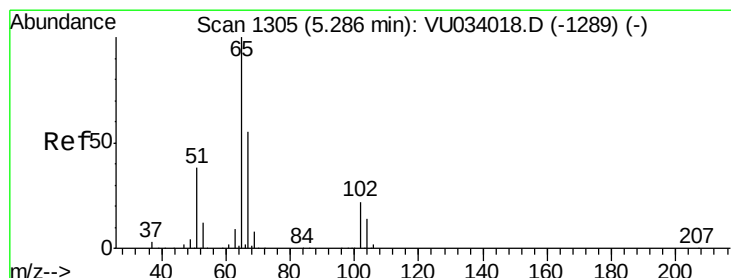
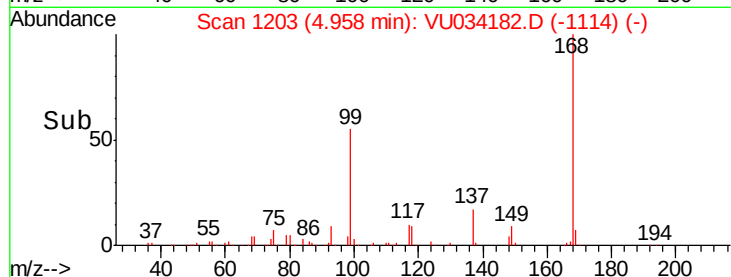
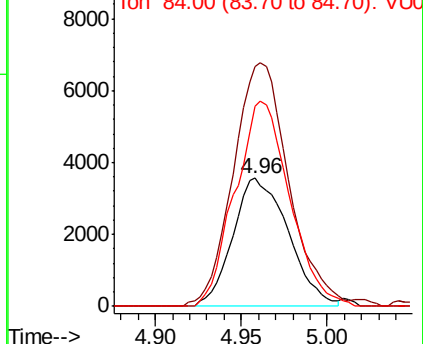
#31
Cyclohexane
Concen: 0.966 ug/l
RT: 4.96 min Scan# 1203
Delta R.T. -0.01 min
Lab File: VU034182.D
Acq: 01 Sep 2019 20:22

Instrument :
MSVOA_U
ClientSampled :

Tot Ion	56	Resp	8001
Ion Ratio	100		
Lower	25.4		
Upper	38.0#		
56	183.9		
69	156.0		
84			

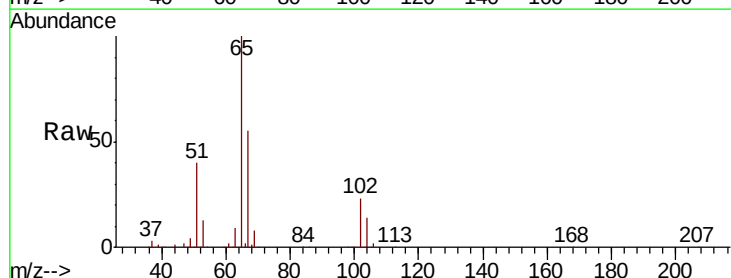


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

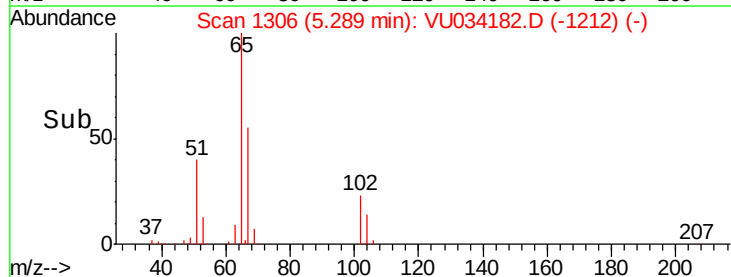
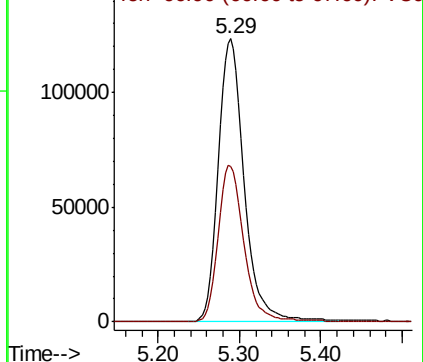


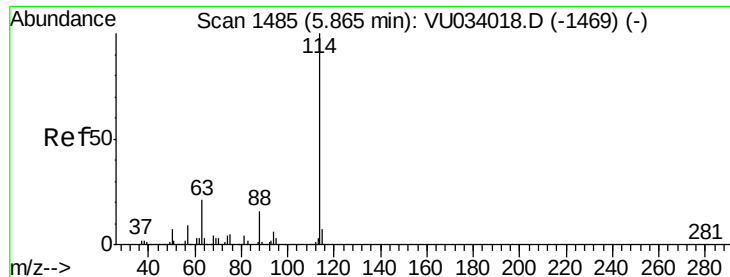
#33
1,2-Dichloroethane-d4
Concen: 50.257 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034182.D
Acq: 01 Sep 2019 20:22

Tgt Ion	65	Resp	278792
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>0.0</td> <td></td> <td></td>	0.0		
Upper <td>110.6</td> <td></td> <td></td>	110.6		
65	54.8		
67			



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: VU034182.D

Acq: 01 Sep 2019 20:22

Instrument :

MSVOA_U

ClientSampleId :

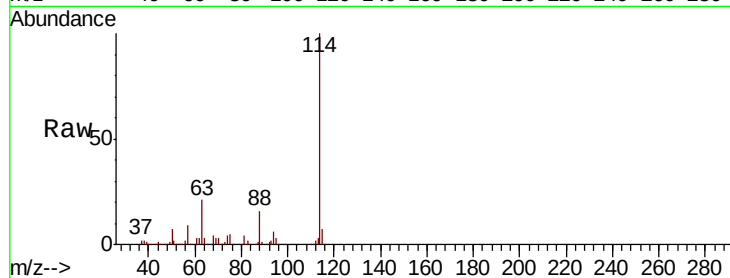
Tot Ion:114 Resp: 703947

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.0

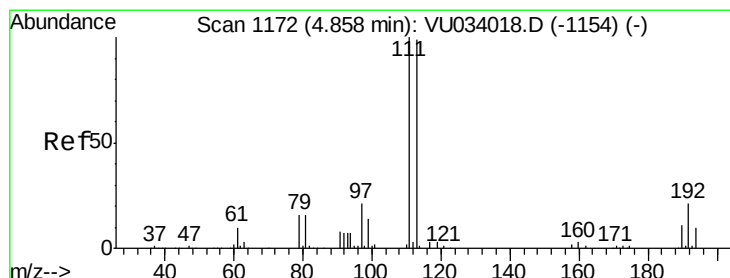
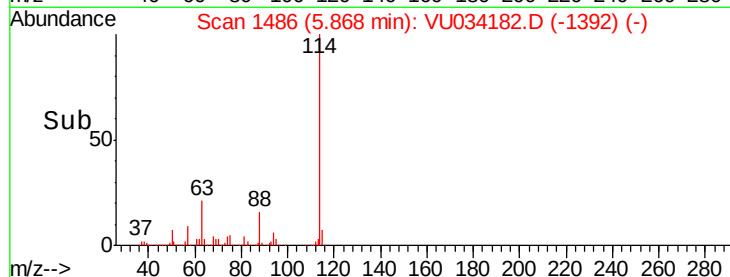
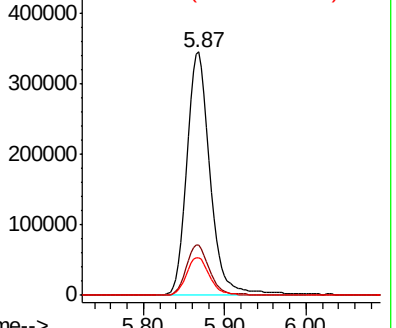
88 15.6 0.0 32.0



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: 47.905 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034182.D

Acq: 01 Sep 2019 20:22

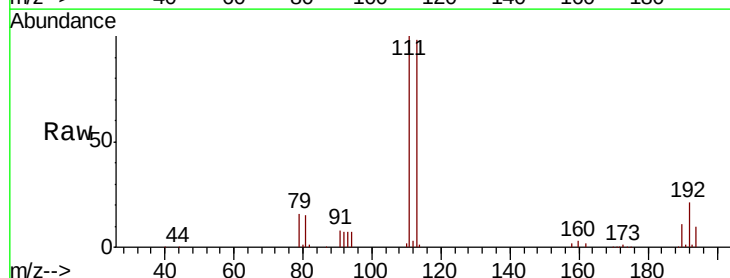
Tgt Ion:113 Resp: 233898

Ion Ratio Lower Upper

113 100

111 101.5 81.7 122.5

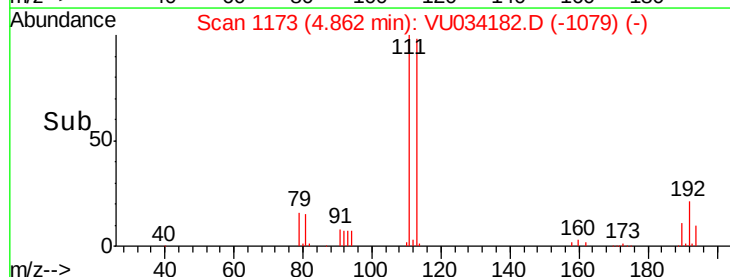
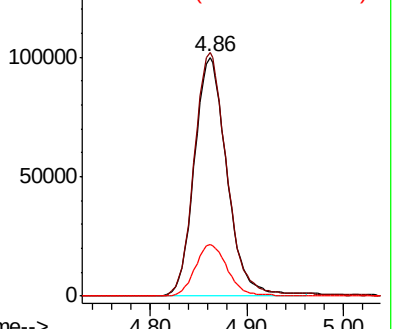
192 21.7 17.1 25.7

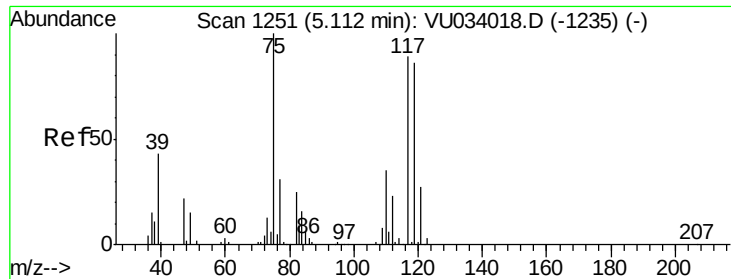


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

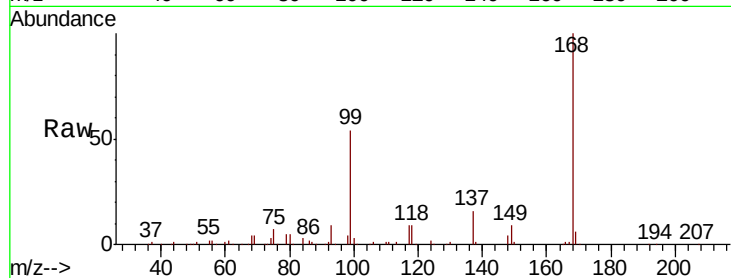




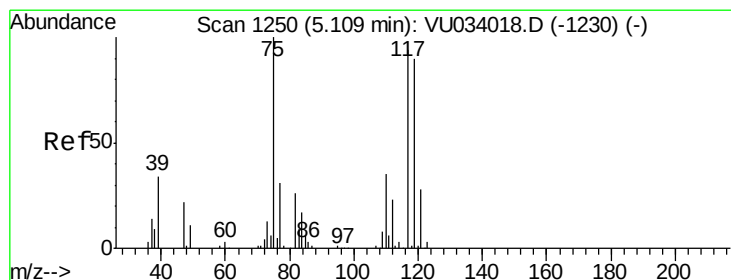
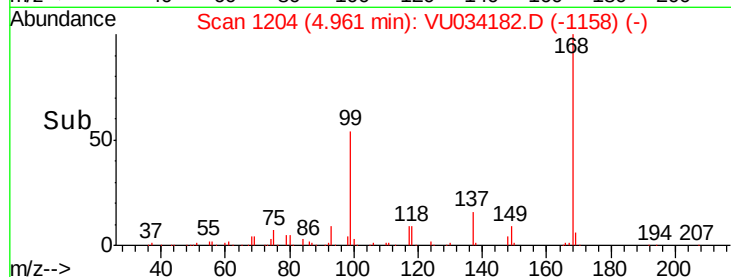
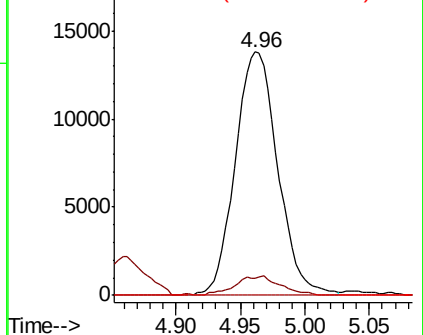
#36
 1,1-Dichloropropene
 Concen: 4.757 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034182.D
 Acq: 01 Sep 2019 20:22

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.8	53.5#
77	0.0	25.0	37.4#

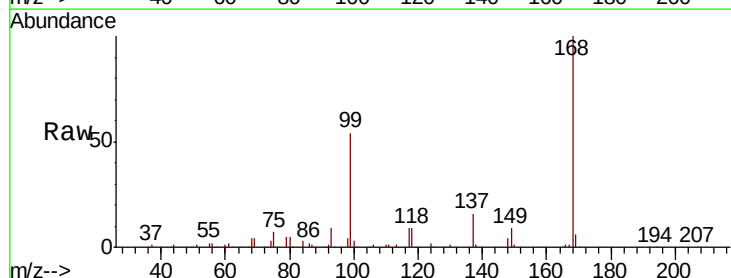


Abundance Ion 74.90 (74.60 to 75.60): VU034182.D (-1158) (-)
 Ion 109.90 (109.60 to 110.60): VU034182.D (-1158) (-)
 Ion 76.90 (76.60 to 77.60): VU034182.D (-1158) (-)

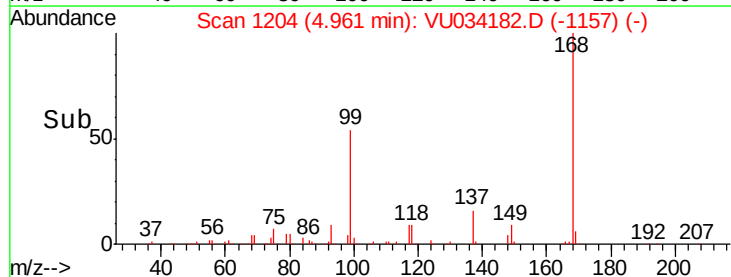
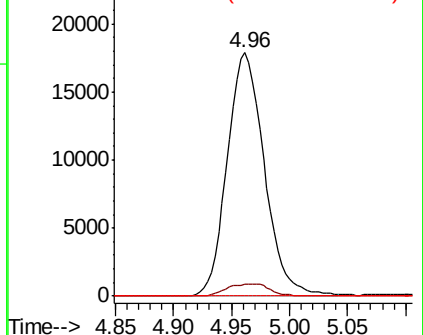


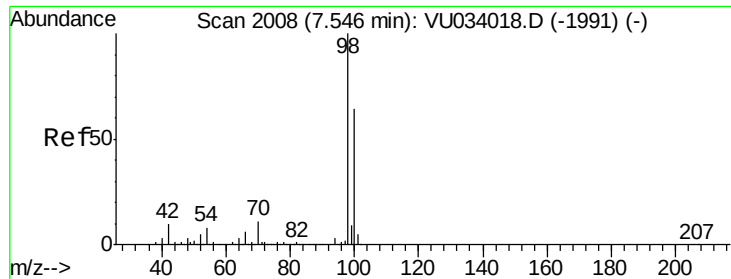
#38
 Carbon Tetrachloride
 Concen: 6.186 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034182.D
 Acq: 01 Sep 2019 20:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	77.0	115.4#
121	0.0	23.9	35.9#



Abundance Ion 116.80 (116.50 to 117.50): VU034182.D (-1157) (-)
 Ion 118.80 (118.50 to 119.50): VU034182.D (-1157) (-)
 Ion 120.80 (120.50 to 121.50): VU034182.D (-1157) (-)

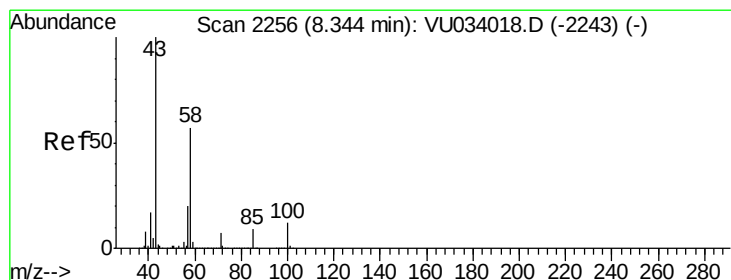
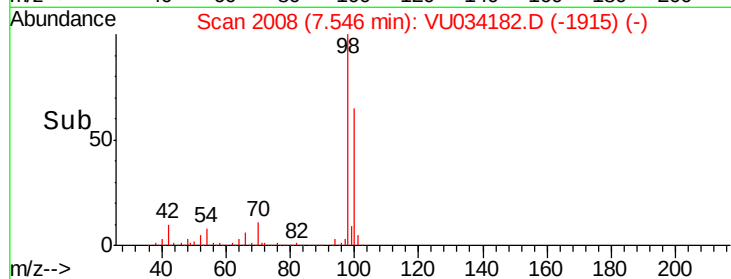
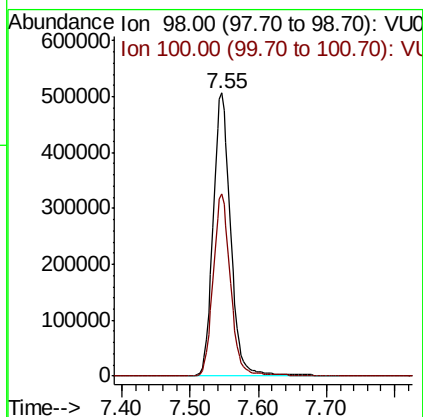
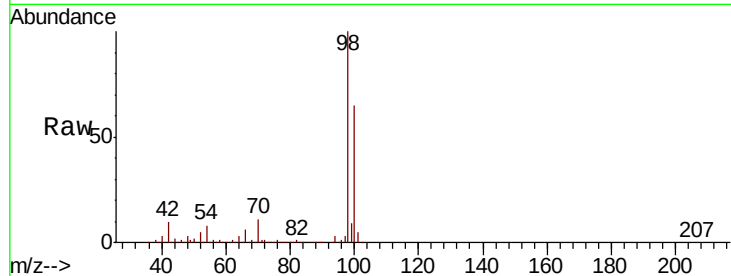




#50
Toluene-d8
Concen: 49.484 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034182.D
Acq: 01 Sep 2019 20:22

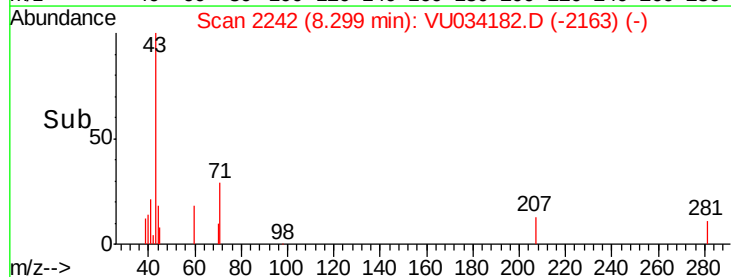
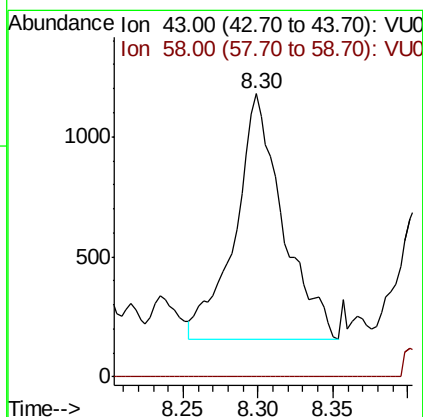
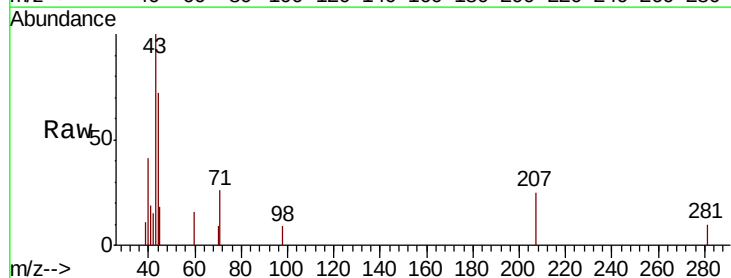
Instrument :
MSVOA_U
ClientSampled :

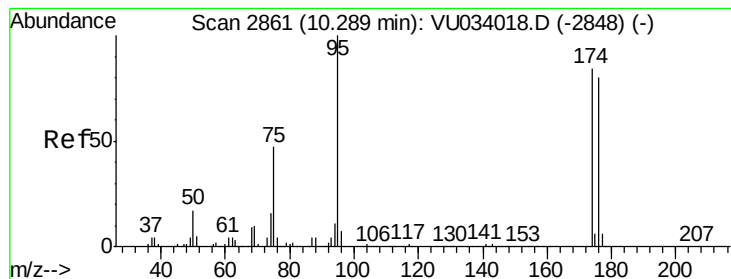
Tot Ion: 98 Resp: 904667
Ion Ratio Lower Upper
98 100
100 63.8 50.3 75.5



#59
2-Hexanone
Concen: 0.384 ug/l
RT: 8.30 min Scan# 2242
Delta R.T. -0.04 min
Lab File: VU034182.D
Acq: 01 Sep 2019 20:22

Tgt Ion: 43 Resp: 2269
Ion Ratio Lower Upper
43 100
58 0.0 28.4 85.3#





#62

4-Bromofluorobenzene

Concen: 44.242 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034182.D

Acq: 01 Sep 2019 20:22

Instrument :

MSVOA_U

ClientSampled :

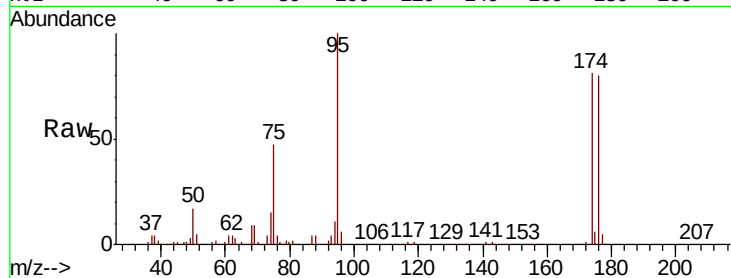
Tot Ion: 95 Resp: 314629

Ion Ratio Lower Upper

95 100

174 84.1 0.0 168.8

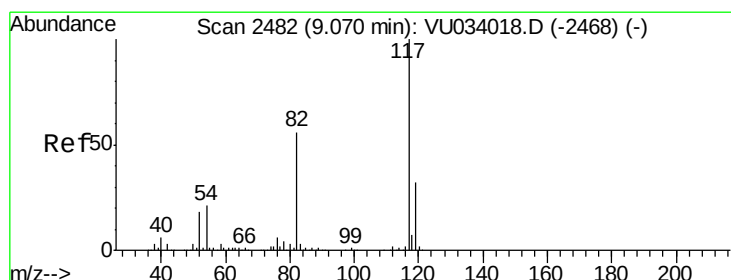
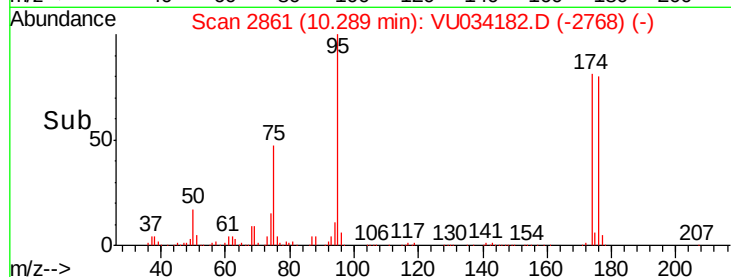
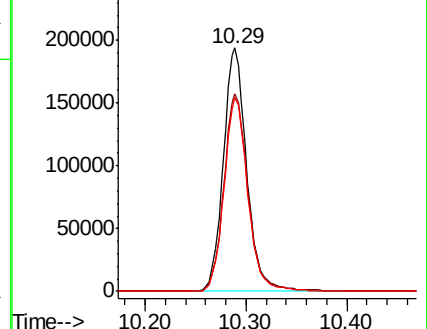
176 81.0 0.0 161.8



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034182.D

Acq: 01 Sep 2019 20:22

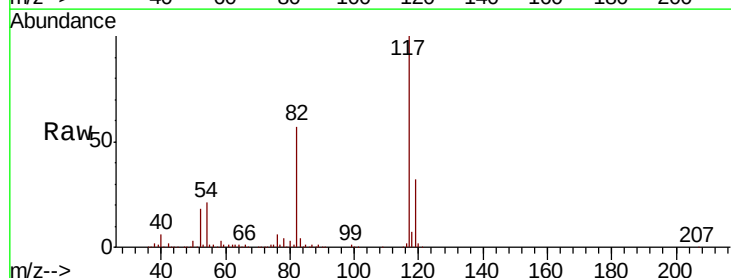
Tgt Ion: 117 Resp: 676012

Ion Ratio Lower Upper

117 100

82 56.8 45.1 67.7

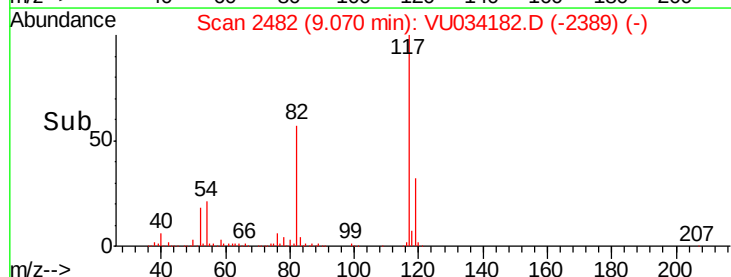
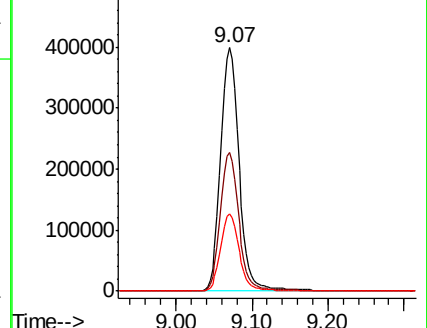
119 31.9 25.4 38.0

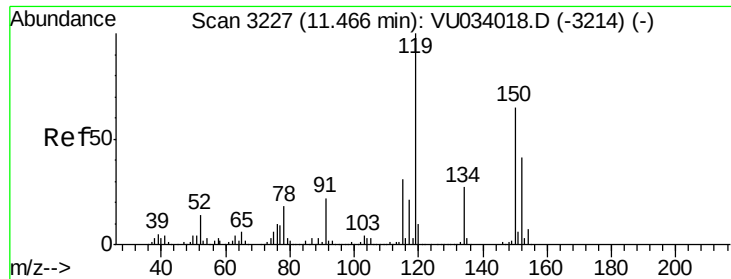


Abundance Ion 116.90 (116.60 to 117.60): VU034018.D (-2468) (-)

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

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



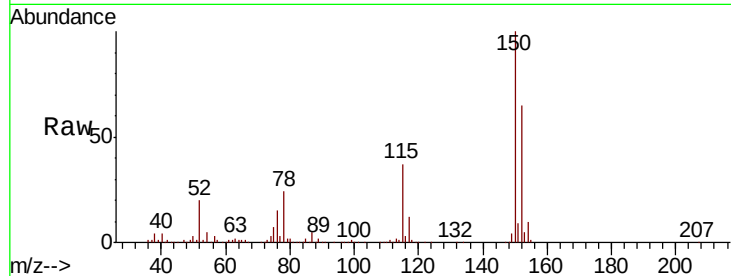


#72

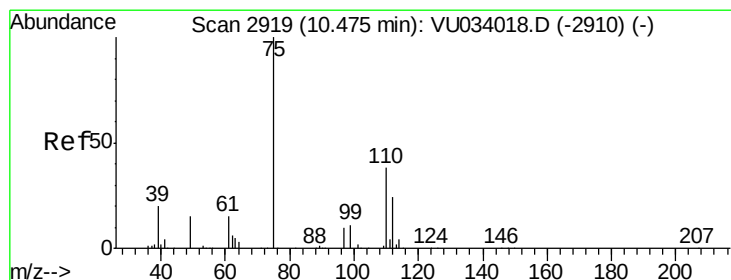
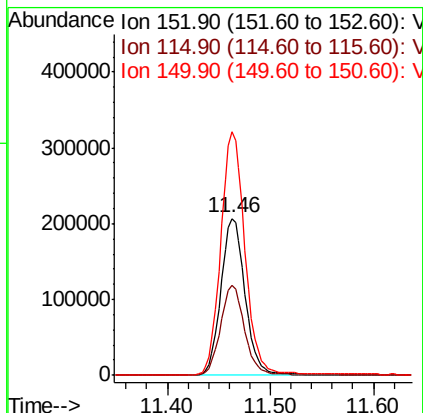
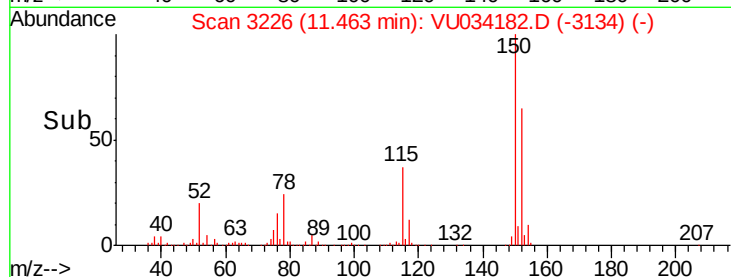
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034182.D
Acq: 01 Sep 2019 20:22

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.0	41.1	123.3
150	155.5	0.0	348.8



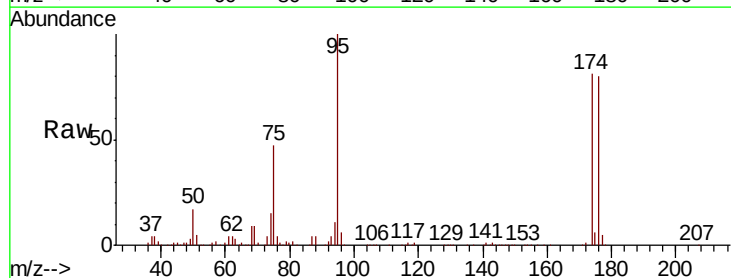
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



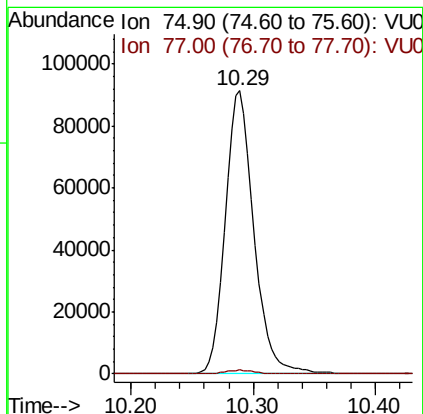
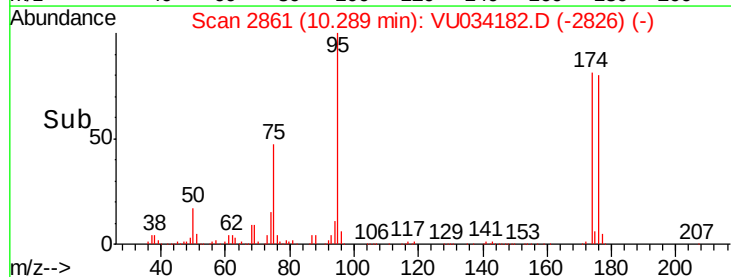
#76

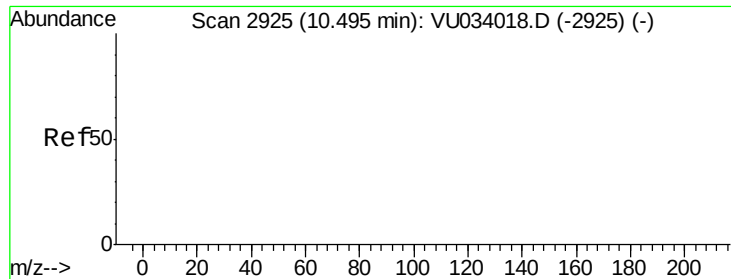
1,2,3-Trichloropropane
Concen: 19.615 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.19 min
Lab File: VU034182.D
Acq: 01 Sep 2019 20:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.1	60.2



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 77.00 (76.70 to 77.70): VU0





#81
trans-1,4-Dichloro-2-butene
Concen: 66.048 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.21 min
Lab File: VU034182.D
Acq: 01 Sep 2019 20:22

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 150304
Ion Ratio Lower Upper
75 100
53 0.2 0.0 0.0#
89 0.0 0.0 0.0

