

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU083019\
 Data File : VU034078.D
 Acq On : 29 Aug 2019 21:29
 Operator : JC/SP
 Sample : I.BLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0831

Quant Time: Aug 30 04:50:42 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	461351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	743878	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	712004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	355508	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	293254	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
35) Dibromofluoromethane	4.86	113	242750	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.10%	
50) Toluene-d8	7.55	98	942239	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	10.29	95	330079	43.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.84%	

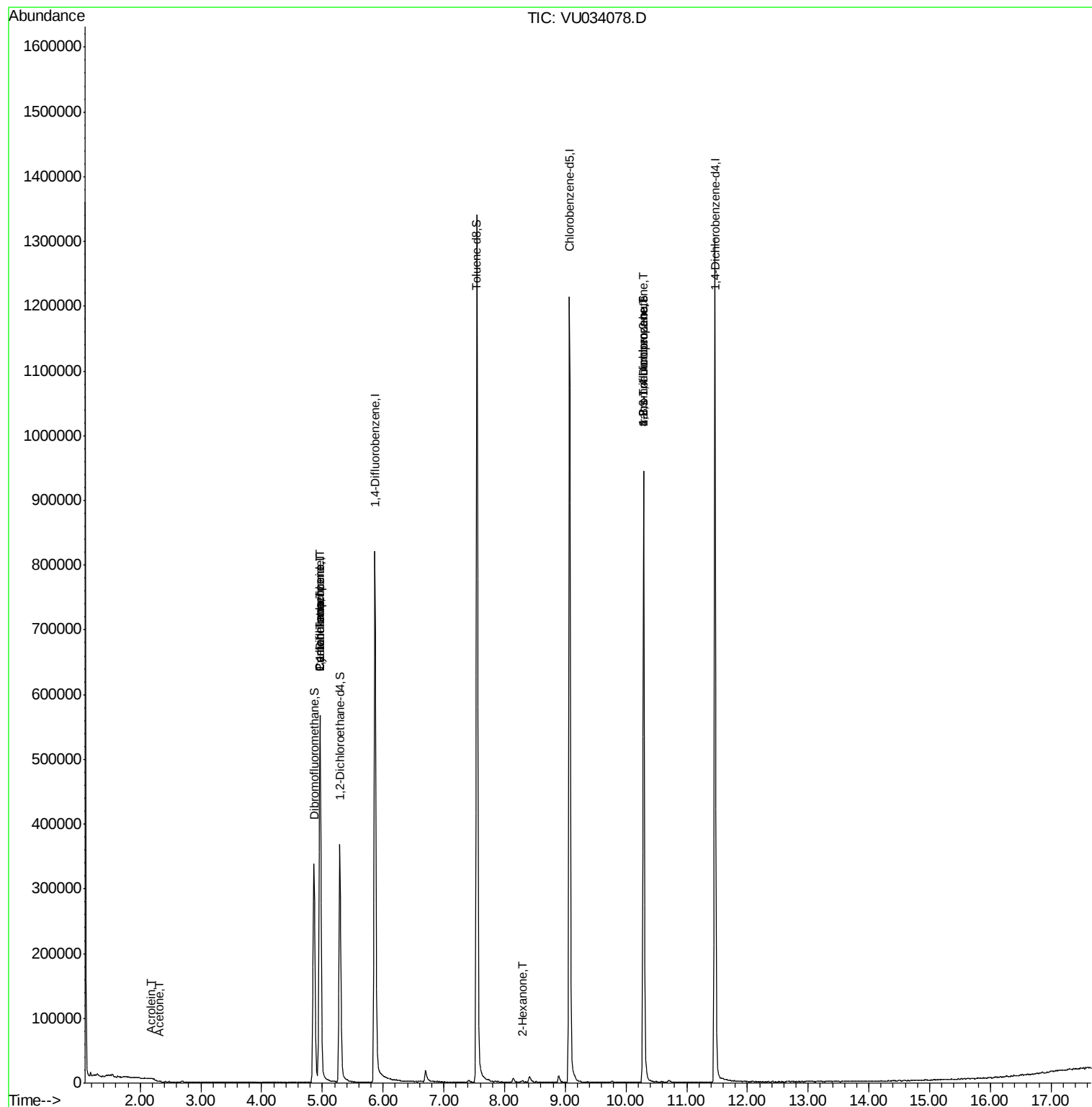
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	660	Below Cal	#	87
5) Bromomethane	1.64	94	674	Below Cal		100
13) Acrolein	2.19	56	196	0.342	ug/l #	79
16) Acetone	2.31	43	788	0.261	ug/l #	85
31) Cyclohexane	4.96	56	8336	0.944	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	32885	4.674	ug/l #	49
38) Carbon Tetrachloride	4.96	117	41173	6.062	ug/l #	17
59) 2-Hexanone	8.30	43	1804	0.289	ug/l #	23
76) 1,2,3-Trichloropropane	10.29	75	161140	20.111	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.29	75	161140	67.719	ug/l #	100

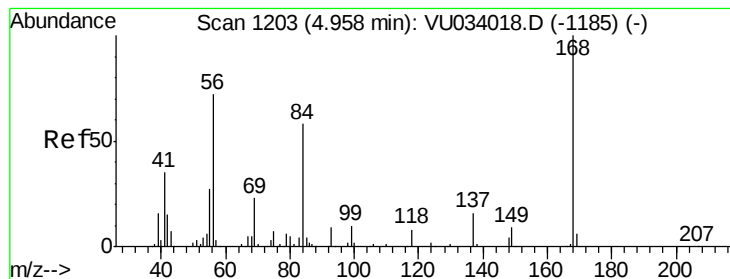
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034078.D

Acq: 29 Aug 2019 21:29

Instrument :

MSVOA_U

ClientSampleId :

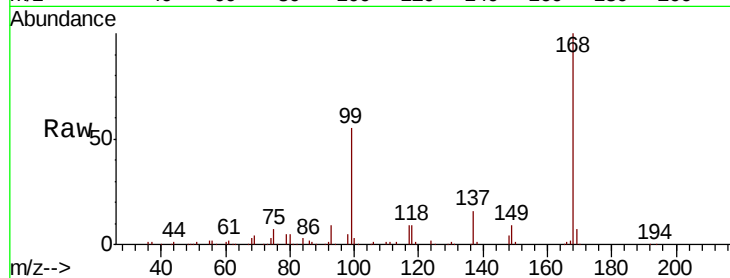
VU0831

Tgt Ion: 168 Resp: 461351

Ion Ratio Lower Upper

168 100

99 54.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034018.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034018.D (-1185) (-)

4.96

200000

150000

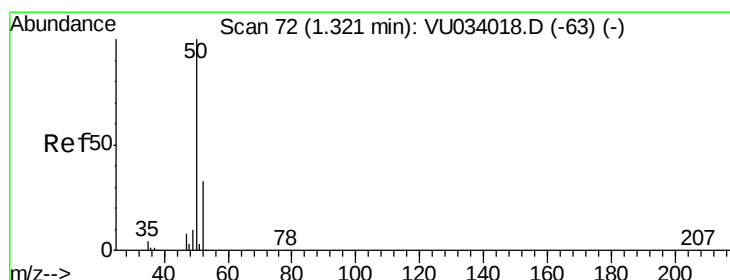
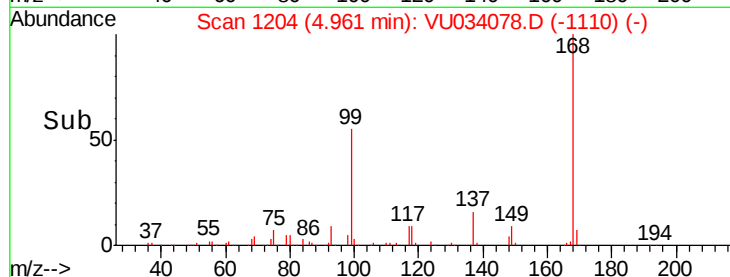
100000

50000

0

4.90 5.00 5.10

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034078.D

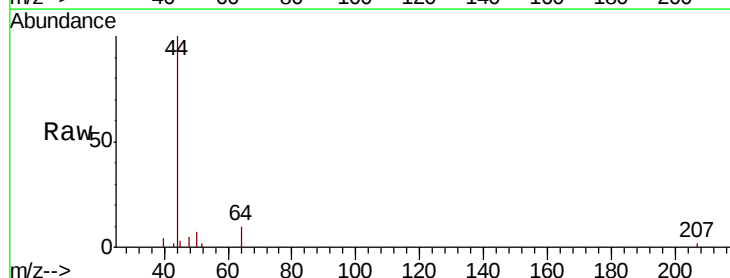
Acq: 29 Aug 2019 21:29

Tgt Ion: 50 Resp: 660

Ion Ratio Lower Upper

50 100

52 25.3 26.2 39.4#



Abundance Ion 49.90 (49.60 to 50.60): VU034018.D (-63) (-)

Ion 51.90 (51.60 to 52.60): VU034018.D (-63) (-)

1.32

600

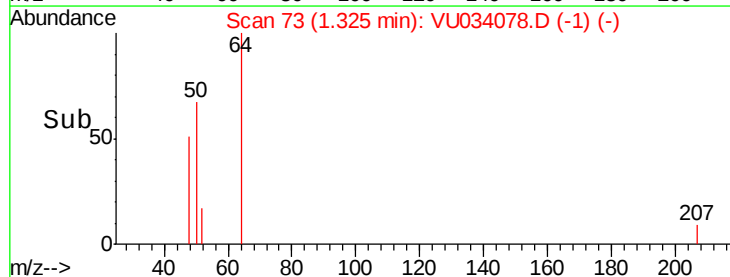
400

200

0

1.30 1.32 1.34 1.36

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 171

Delta R.T. 0.04 min

Lab File: VU034078.D

Acq: 29 Aug 2019 21:29

Instrument :

MSVOA_U

ClientSampleId :

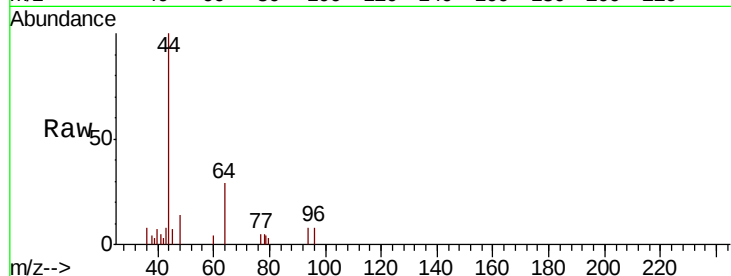
VU0831

Tgt Ion: 94 Resp: 674

Ion Ratio Lower Upper

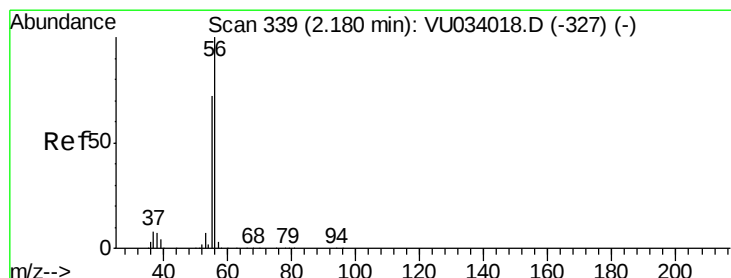
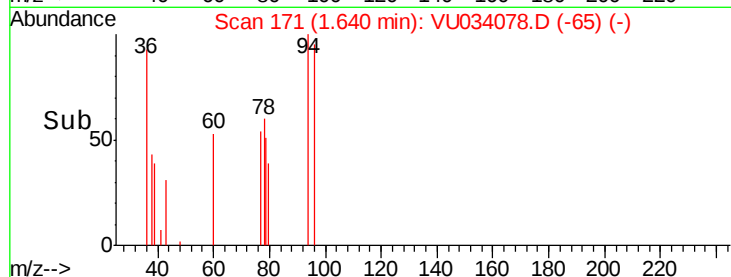
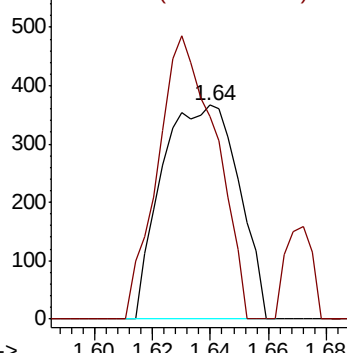
94 100

96 95.1 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#13

Acrolein

Concen: 0.342 ug/l

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

Lab File: VU034078.D

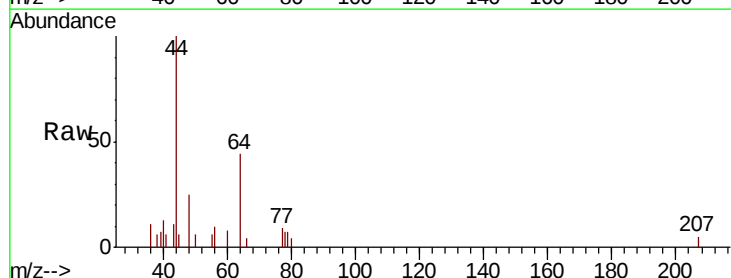
Acq: 29 Aug 2019 21:29

Tgt Ion: 56 Resp: 196

Ion Ratio Lower Upper

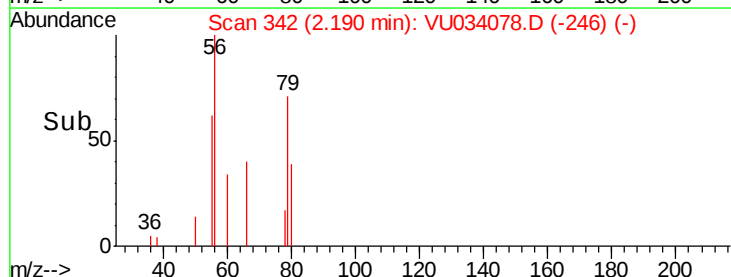
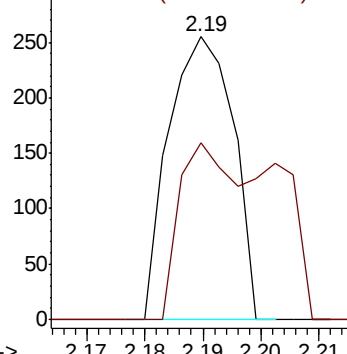
56 100

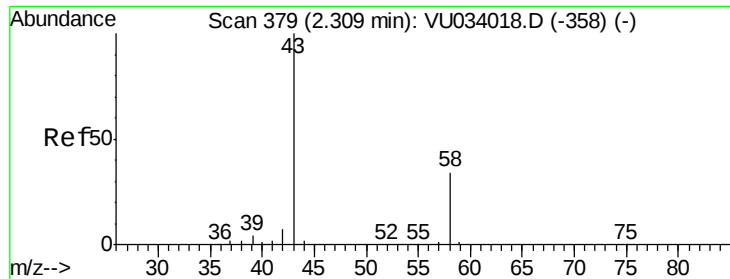
55 54.1 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

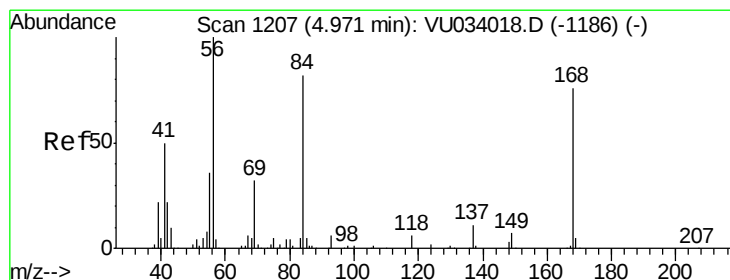
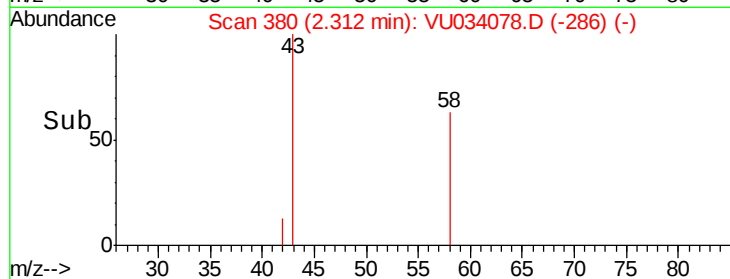
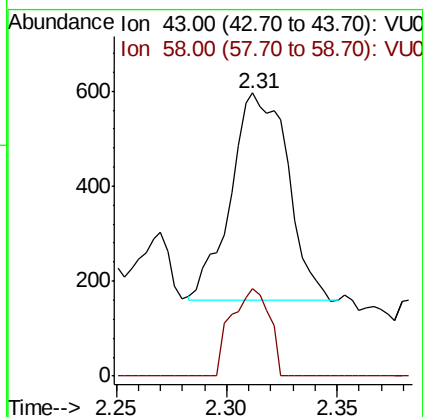
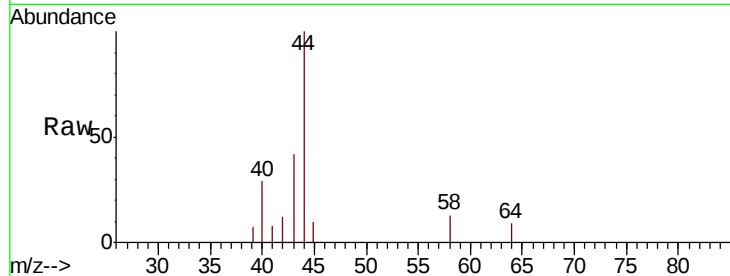




#16
Acetone
Concen: 0.261 ug/l
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VU034078.D
Acq: 29 Aug 2019 21:29

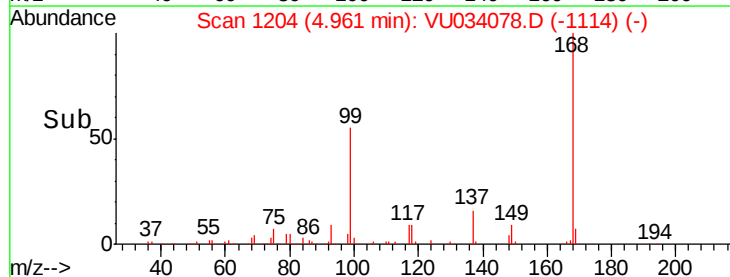
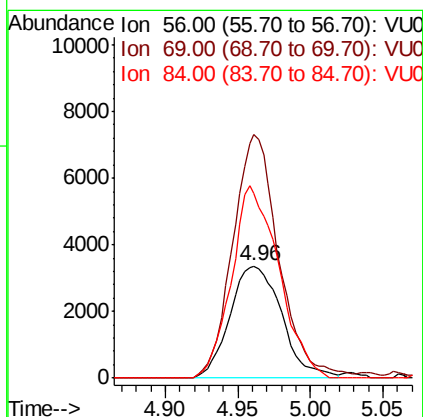
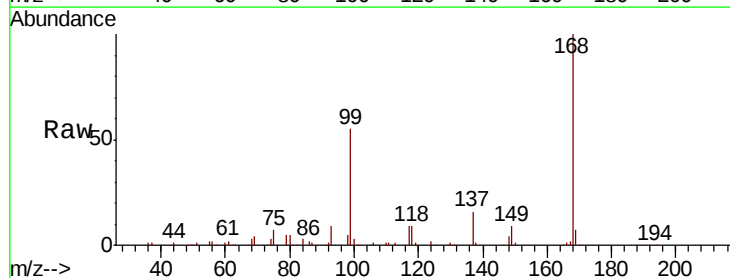
Instrument :
MSVOA_U
ClientSampleId :
VU0831

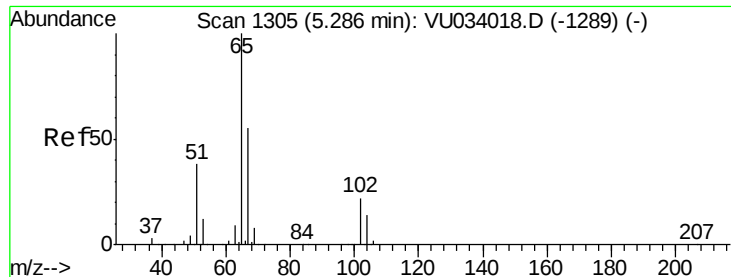
Tgt Ion: 43 Resp: 788
Ion Ratio Lower Upper
43 100
58 41.9 26.8 40.2#



#31
Cyclohexane
Concen: 0.944 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VU034078.D
Acq: 29 Aug 2019 21:29

Tgt Ion: 56 Resp: 8336
Ion Ratio Lower Upper
56 100
69 216.9 25.4 38.0#
84 164.1 65.8 98.8#





#33

1,2-Dichloroethane-d4

Concen: 49.608 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034078.D

Acq: 29 Aug 2019 21:29

Instrument :

MSVOA_U

ClientSampled :

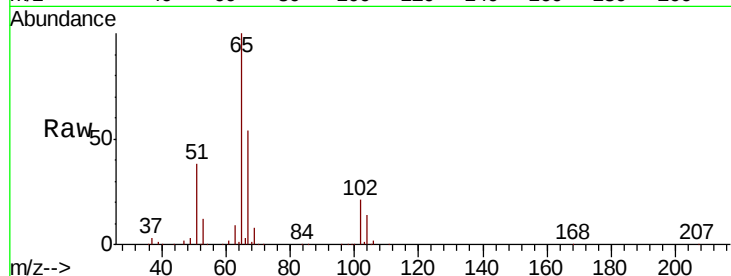
VU0831

Tgt Ion: 65 Resp: 293254

Ion Ratio Lower Upper

65 100

67 55.1 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034018.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034018.D (-1289) (-)

5.29

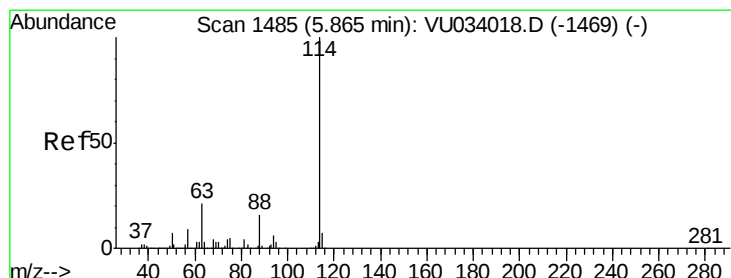
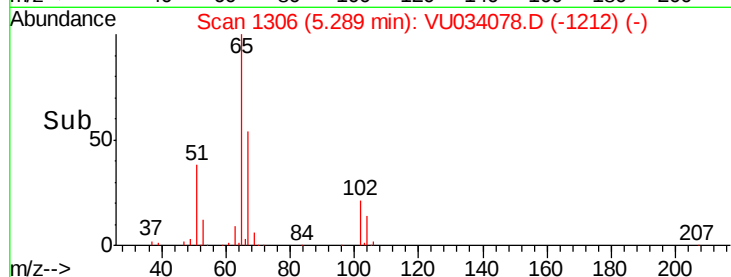
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034078.D

Acq: 29 Aug 2019 21:29

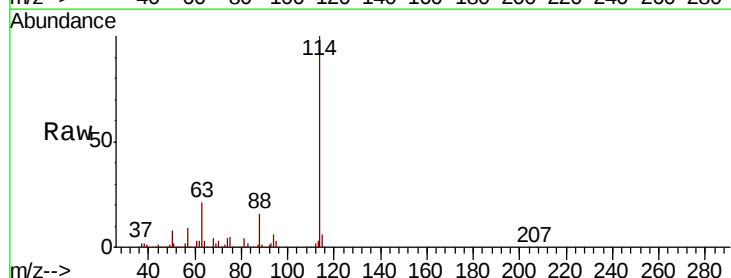
Tgt Ion: 114 Resp: 743878

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.0

88 16.1 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): VU034018.D (-1469) (-)

Ion 63.00 (62.70 to 63.70): VU034018.D (-1469) (-)

Ion 87.90 (87.60 to 88.60): VU034018.D (-1469) (-)

5.87

400000

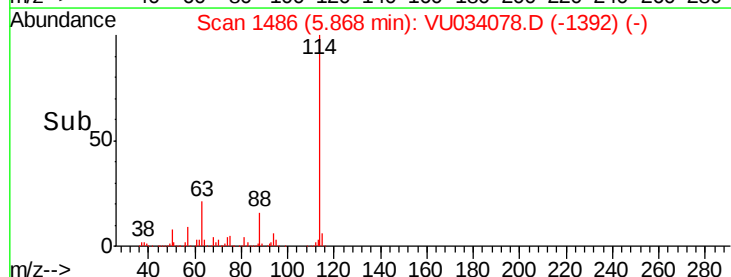
300000

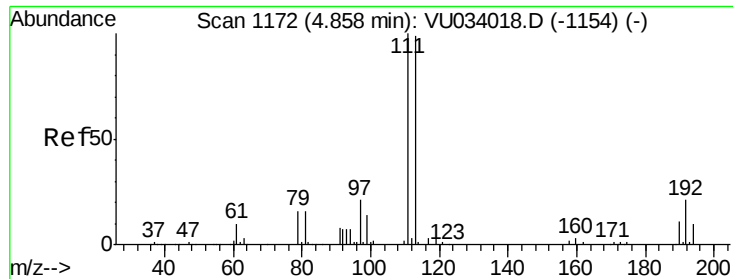
200000

100000

0

Time-->

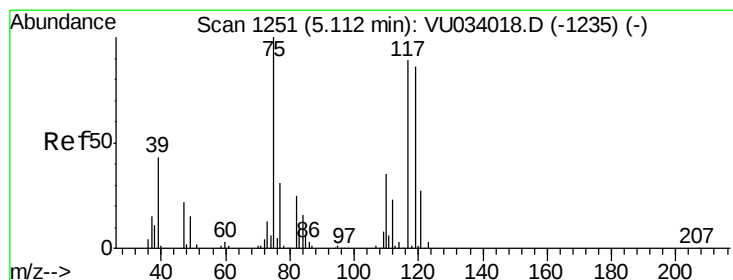
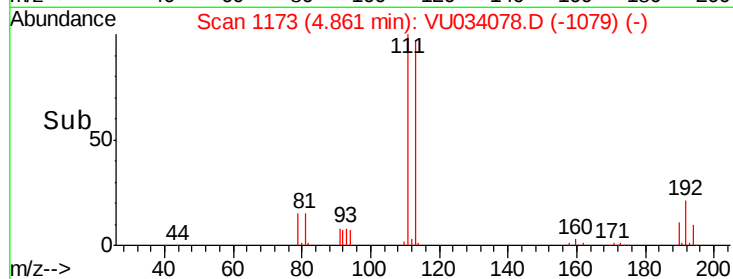
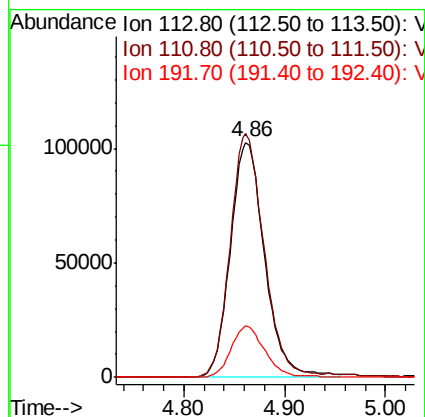
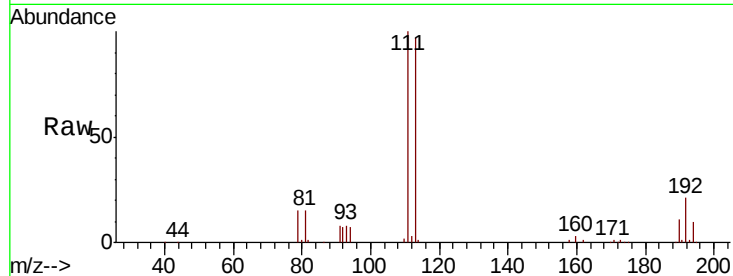




#35
 Dibromofluoromethane
 Concen: 47.049 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034078.D
 Acq: 29 Aug 2019 21:29

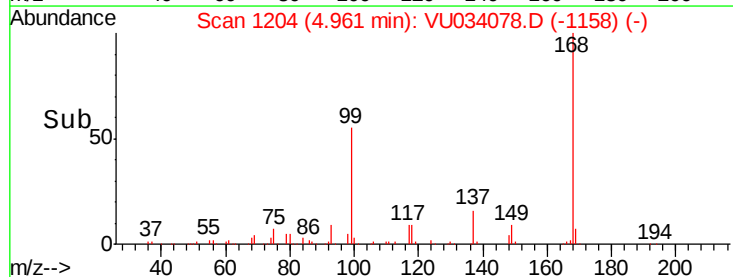
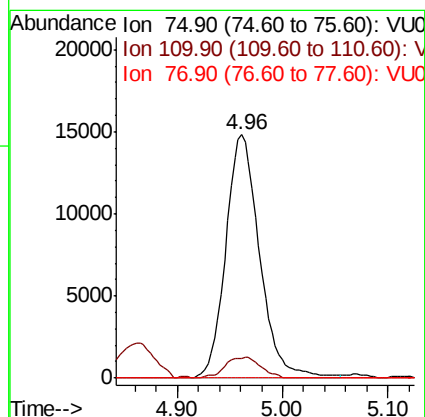
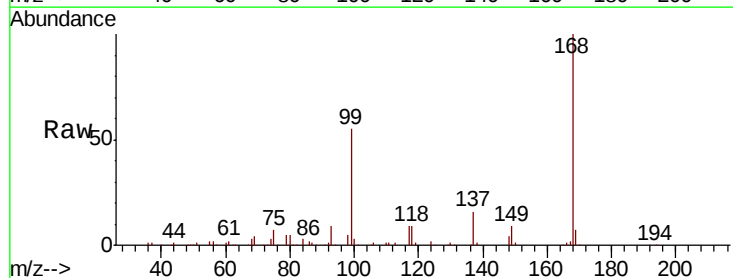
Instrument :
 MSVOA_U
 ClientSampled :
 VU0831

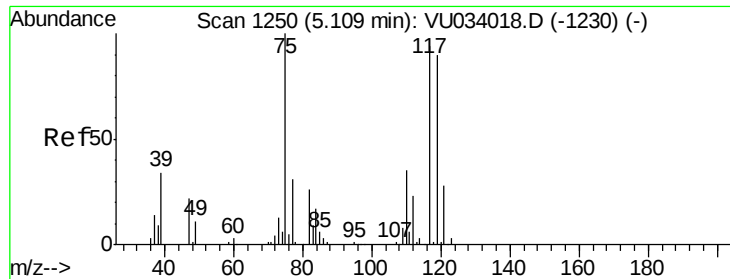
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.7	122.5
192	21.5	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 4.674 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034078.D
 Acq: 29 Aug 2019 21:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.8	53.5#
77	0.0	25.0	37.4#

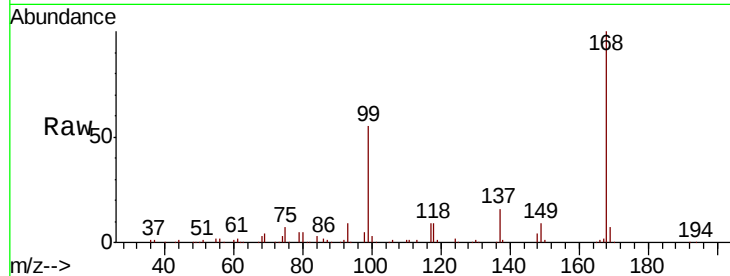




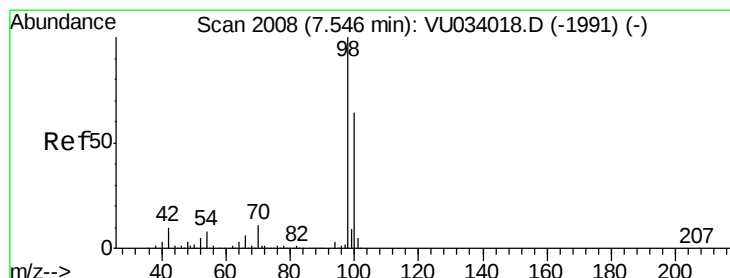
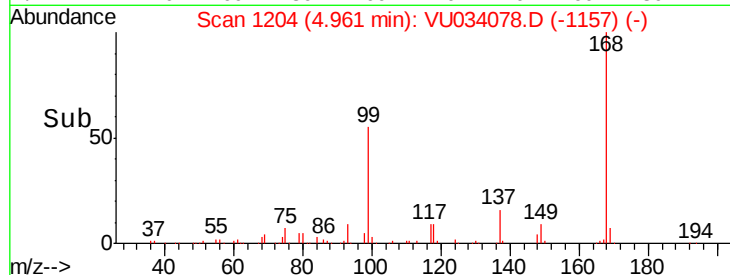
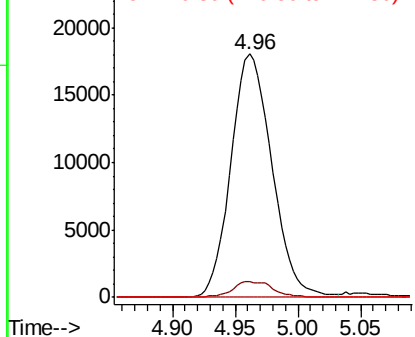
#38
Carbon Tetrachloride
Concen: 6.062 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.15 min
Lab File: VU034078.D
Acq: 29 Aug 2019 21:29

Instrument :
MSVOA_U
ClientSampleId :
VU0831

Tgt Ion:117 Resp: 41173
Ion Ratio Lower Upper
117 100
119 6.3 77.0 115.4#
121 0.0 23.9 35.9#

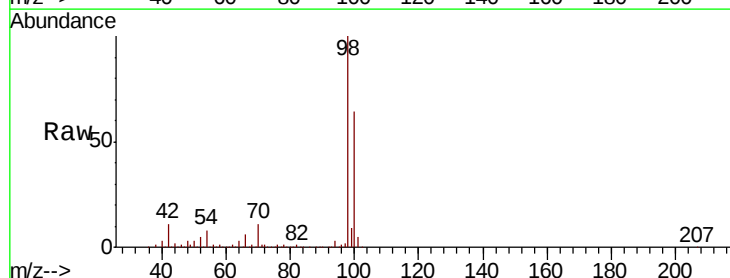


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

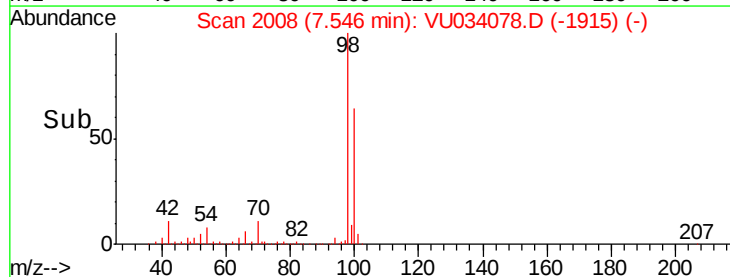
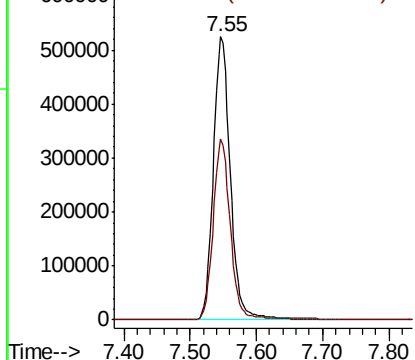


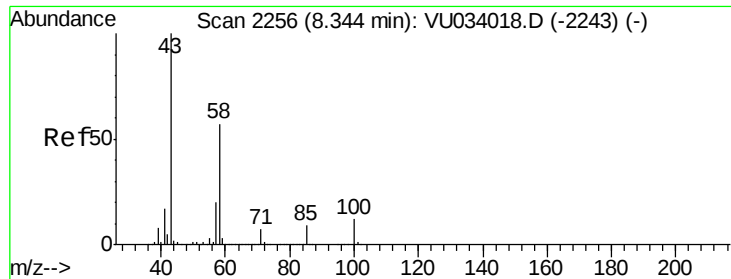
#50
Toluene-d8
Concen: 48.773 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VU034078.D
Acq: 29 Aug 2019 21:29

Tgt Ion: 98 Resp: 942239
Ion Ratio Lower Upper
98 100
100 63.9 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU

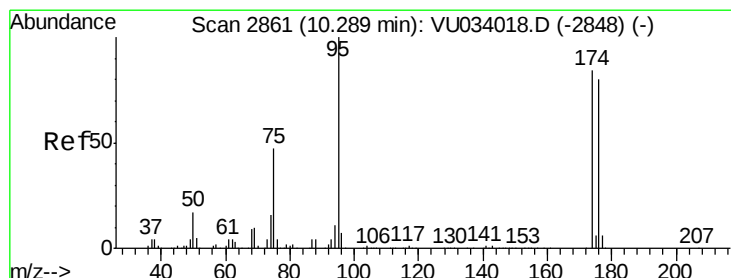
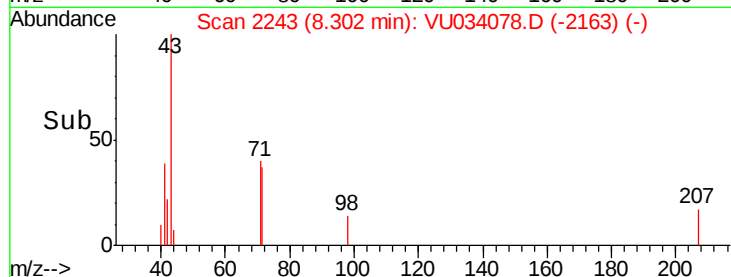
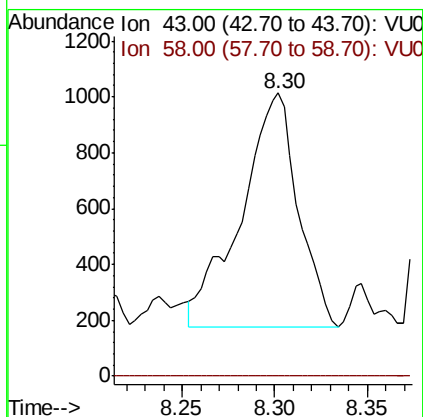
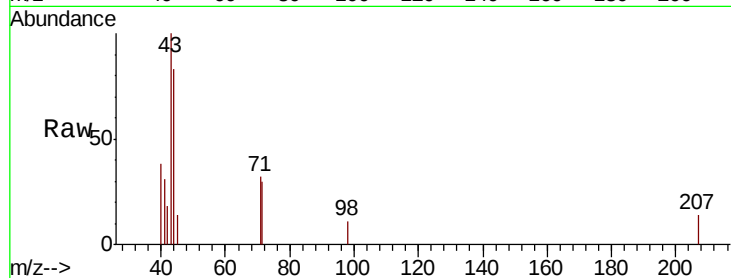




#59
 2-Hexanone
 Concen: 0.289 ug/l
 RT: 8.30 min Scan# 2243
 Delta R.T. -0.04 min
 Lab File: VU034078.D
 Acq: 29 Aug 2019 21:29

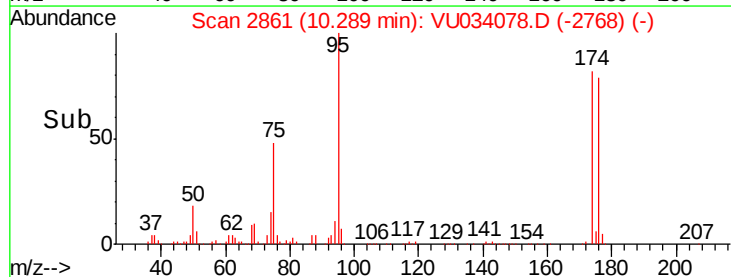
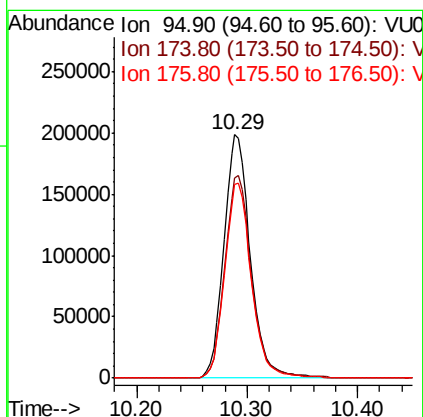
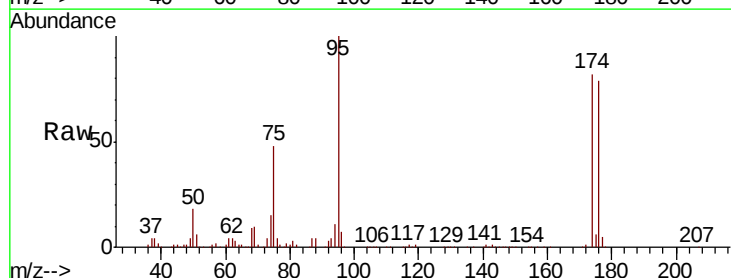
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0831

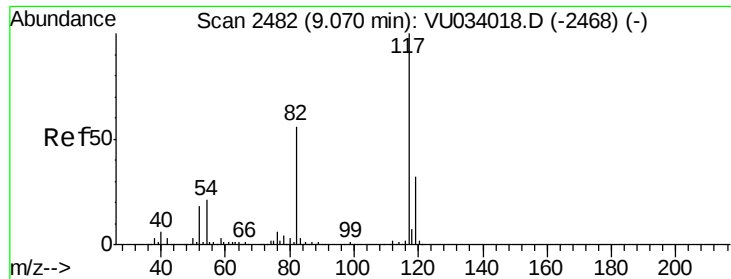
Tgt Ion: 43 Resp: 1804
 Ion Ratio Lower Upper
 43 100
 58 0.0 28.4 85.3#



#62
 4-Bromofluorobenzene
 Concen: 43.923 ug/l
 RT: 10.29 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: VU034078.D
 Acq: 29 Aug 2019 21:29

Tgt Ion: 95 Resp: 330079
 Ion Ratio Lower Upper
 95 100
 174 84.9 0.0 168.8
 176 81.1 0.0 161.8

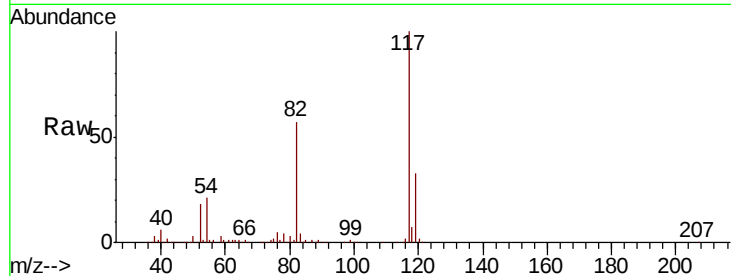




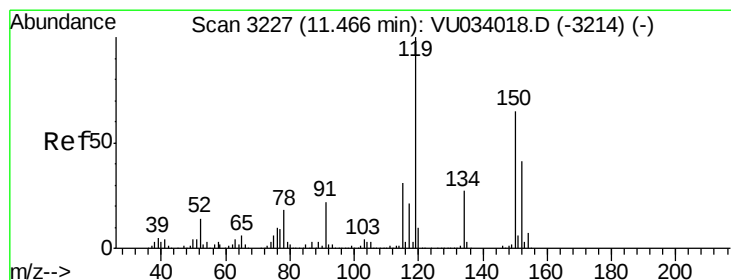
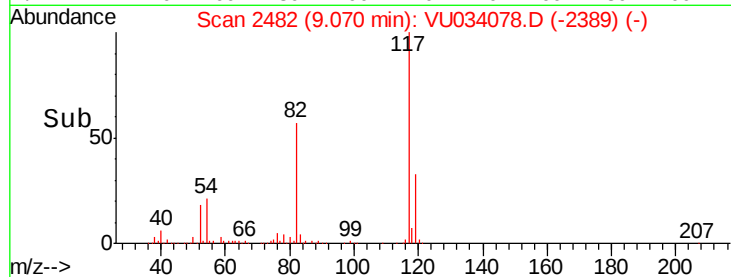
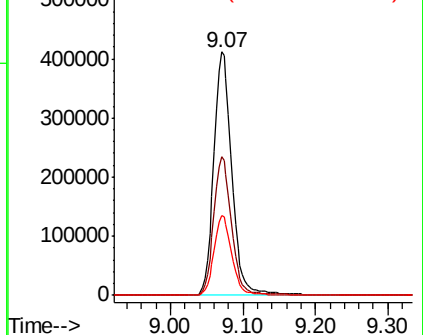
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034078.D
Acq: 29 Aug 2019 21:29

Instrument :
MSVOA_U
ClientSampleId :
VU0831

Tgt Ion:117 Resp: 712004
Ion Ratio Lower Upper
117 100
82 56.7 45.1 67.7
119 32.5 25.4 38.0

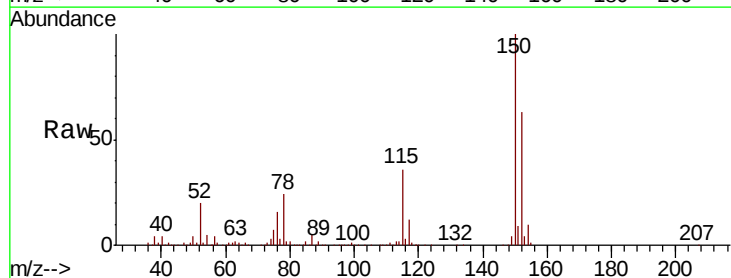


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

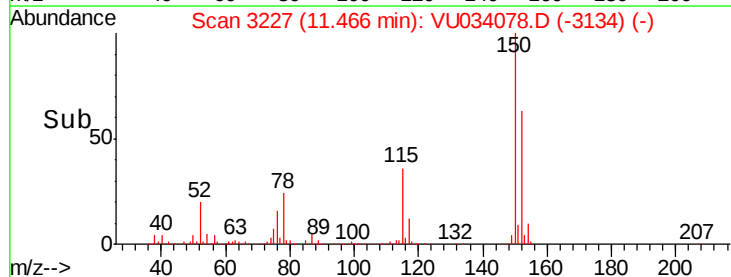
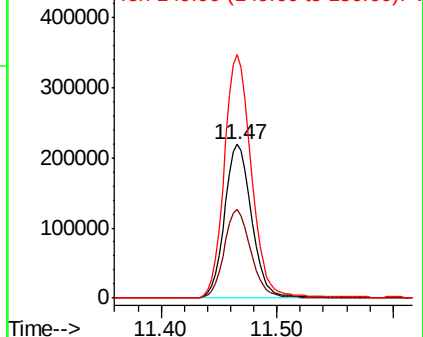


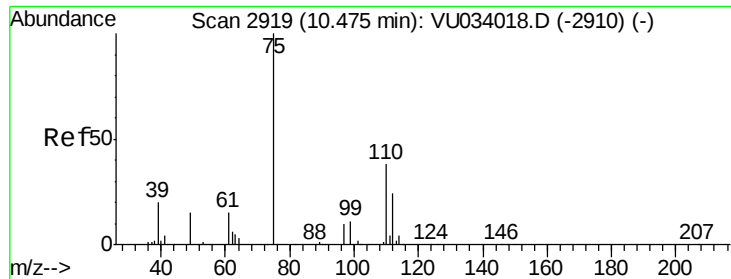
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.47 min Scan# 3227
Delta R.T. -0.00 min
Lab File: VU034078.D
Acq: 29 Aug 2019 21:29

Tgt Ion:152 Resp: 355508
Ion Ratio Lower Upper
152 100
115 57.6 41.1 123.3
150 158.9 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: 20.111 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.19 min

Lab File: VU034078.D

Acq: 29 Aug 2019 21:29

Instrument :

MSVOA_U

ClientSampled :

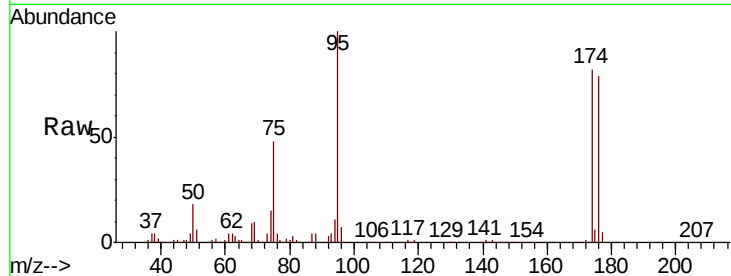
VU0831

Tgt Ion: 75 Resp: 161140

Ion Ratio Lower Upper

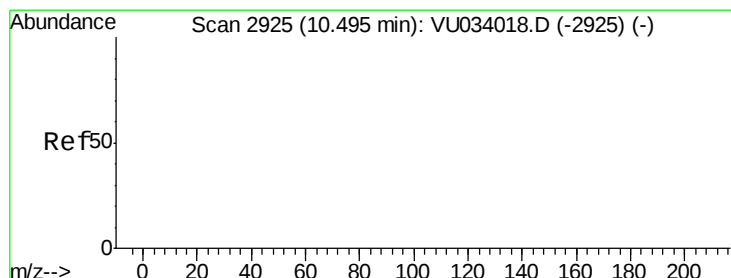
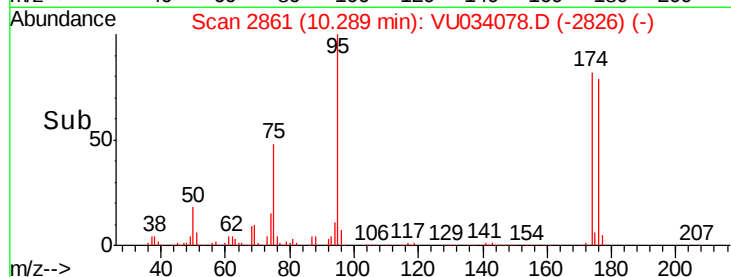
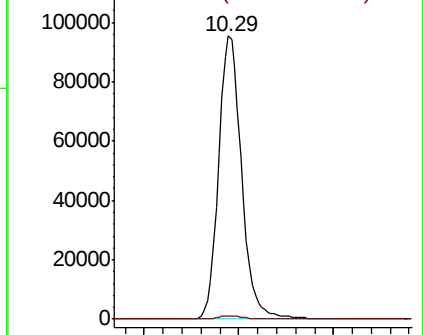
75 100

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: 67.719 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.21 min

Lab File: VU034078.D

Acq: 29 Aug 2019 21:29

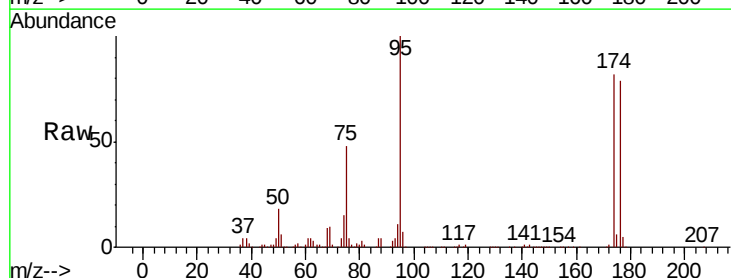
Tgt Ion: 75 Resp: 161140

Ion Ratio Lower Upper

75 100

53 0.2 0.0 0.0#

89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

