

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011519\
 Data File : VU029173.D
 Acq On : 15 Jan 2019 10:16
 Operator : JC/SP
 Sample : VU0115MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0115MBL01

Quant Time: Jan 16 04:30:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	113944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	199253	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	182925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	74073	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.30	65	76872	54.57	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.14%	
35) Dibromofluoromethane	4.88	113	66928	51.82	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.64%	
50) Toluene-d8	7.56	98	250957	49.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.44%	
62) 4-Bromofluorobenzene	10.30	95	78831	43.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.04%	

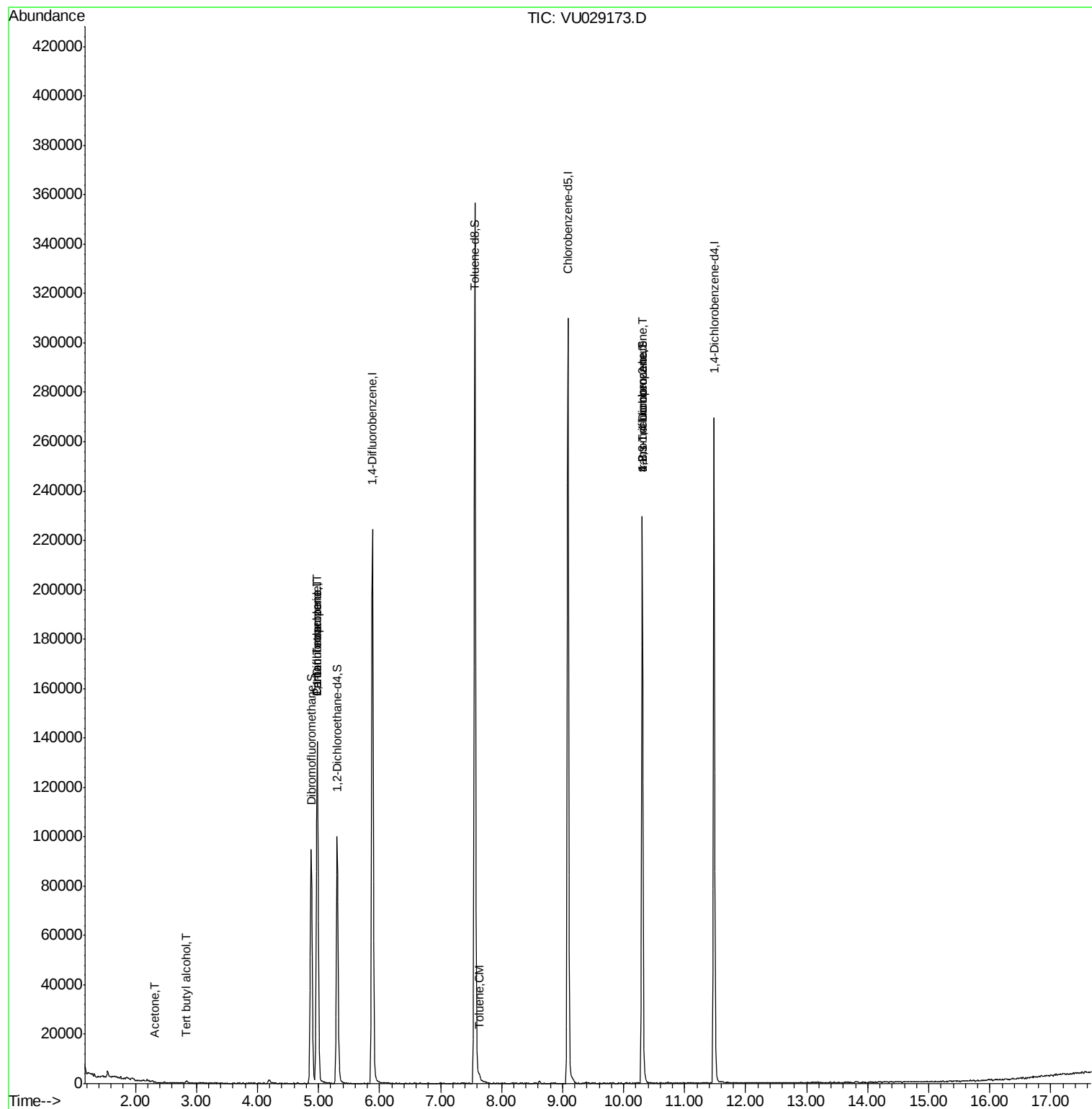
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1015	Below Cal	#	82
5) Bromomethane	1.63	94	20	Below Cal	#	2
11) Tert butyl alcohol	2.84	59	552	1.542	ug/l #	73
16) Acetone	2.32	43	294	0.331	ug/l #	39
17) Carbon Disulfide	2.48	76	313	Below Cal	#	75
31) Cyclohexane	4.98	56	1950	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	8402	4.219	ug/l #	46
38) Carbon Tetrachloride	4.98	117	9569	5.761	ug/l #	18
52) Toluene	7.64	92	781	0.207	ug/l	93
76) 1,2,3-Trichloropropane	10.30	75	36827	20.291	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.30	75	36827	52.333	ug/l #	100

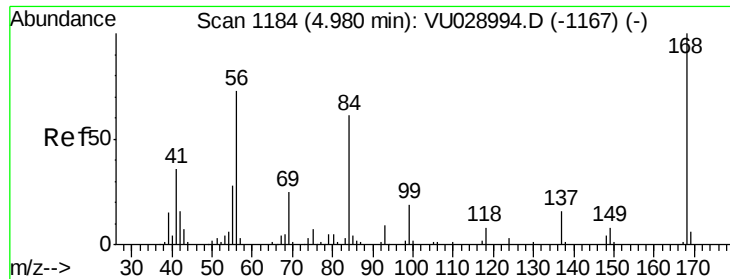
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VU029173.D

Acq: 15 Jan 2019 10:16

Instrument :

MSVOA_U

ClientSampleId :

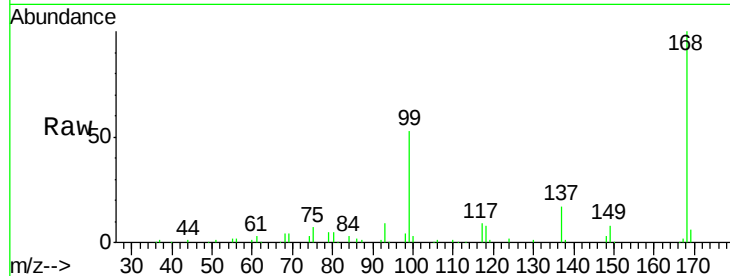
VU0115MBL01

Tot Ion:168 Resp: 113944

Ion Ratio Lower Upper

168 100

99 53.0 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028994.D (-1167) (-)

4.98

50000

40000

30000

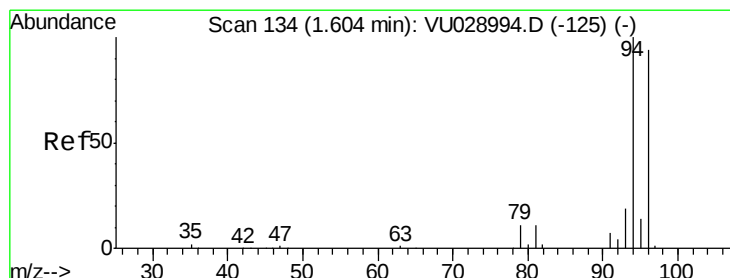
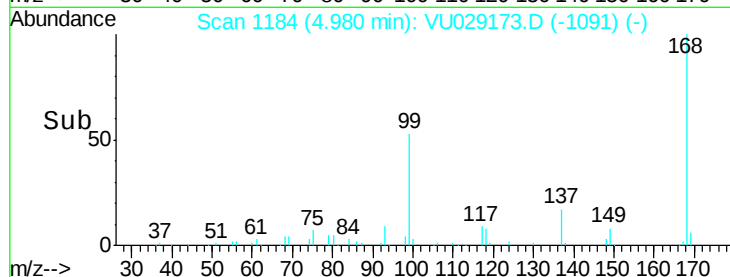
20000

10000

0

4.90 5.00 5.10

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 141

Delta R.T. 0.02 min

Lab File: VU029173.D

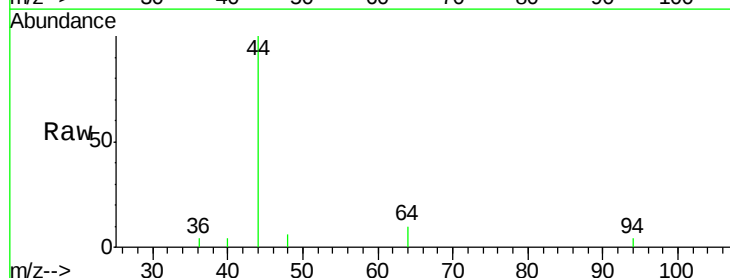
Acq: 15 Jan 2019 10:16

Tgt Ion: 94 Resp: 20

Ion Ratio Lower Upper

94 100

96 0.0 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VU028994.D (-125) (-)

Ion 95.90 (95.60 to 96.60): VU028994.D (-125) (-)

1.63

120

100

80

60

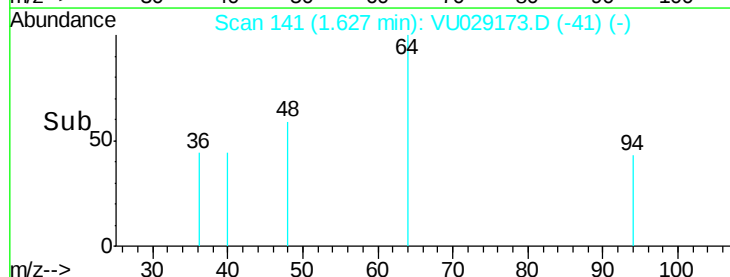
40

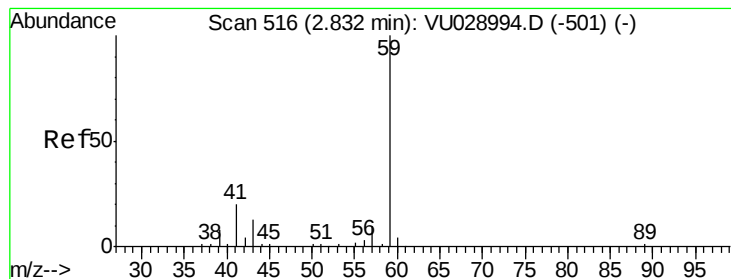
20

0

1.62 1.62 1.63 1.63 1.64

Time-->



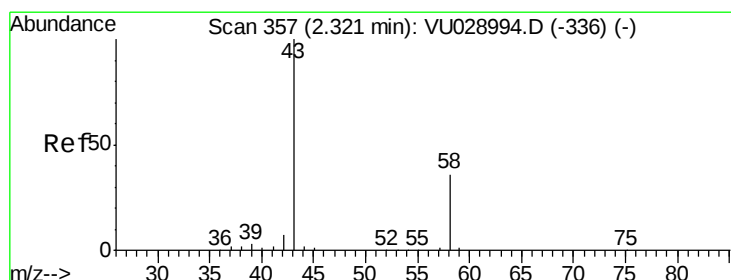
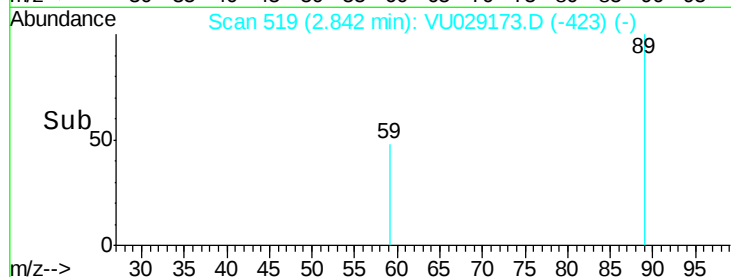
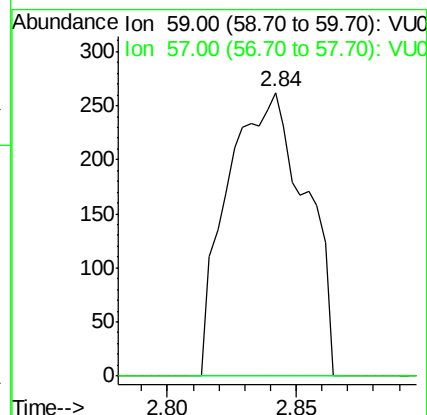
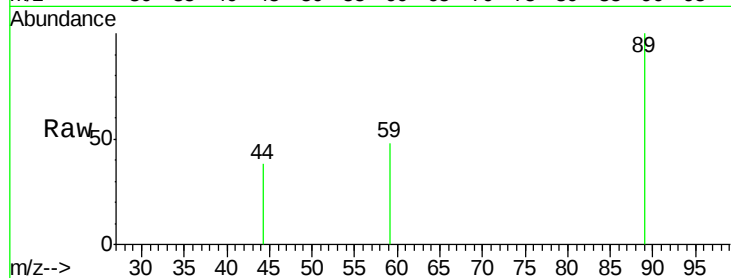


#11

Tert butyl alcohol
 Concen: 1.542 ug/l
 RT: 2.84 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: VU029173.D
 Acq: 15 Jan 2019 10:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0115MBL01

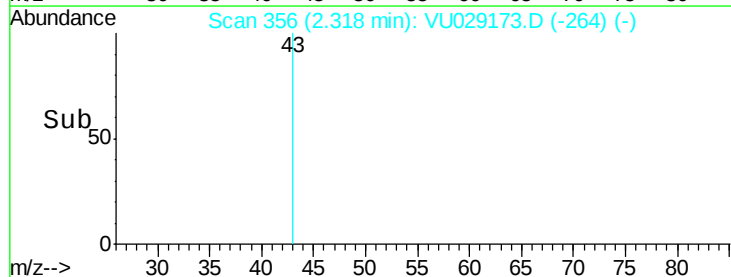
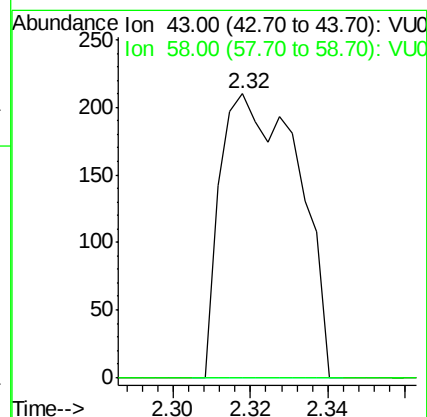
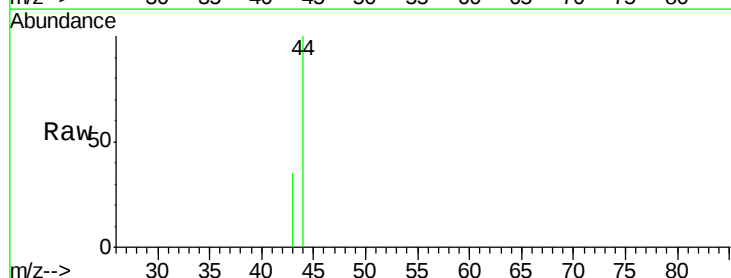
Tot Ion: 59 Resp: 552
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#

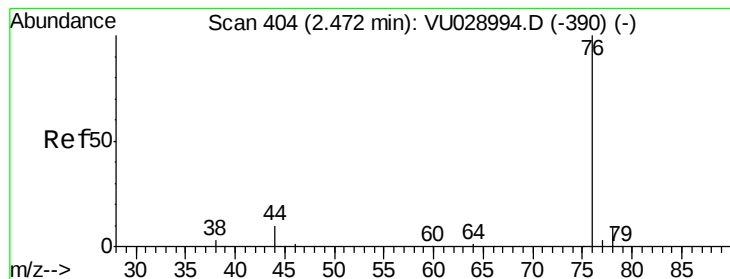


#16

Acetone
 Concen: 0.331 ug/l
 RT: 2.32 min Scan# 356
 Delta R.T. -0.00 min
 Lab File: VU029173.D
 Acq: 15 Jan 2019 10:16

Tgt Ion: 43 Resp: 294
 Ion Ratio Lower Upper
 43 100
 58 0.0 28.6 42.8#





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.48 min Scan# 405

Delta R.T. 0.00 min

Lab File: VU029173.D

Acq: 15 Jan 2019 10:16

Instrument :

MSVOA_U

ClientSampleId :

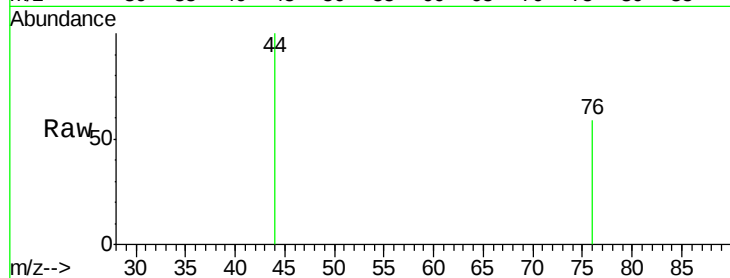
VU0115MBL01

Tot Ion: 76 Resp: 313

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

2.48

250

200

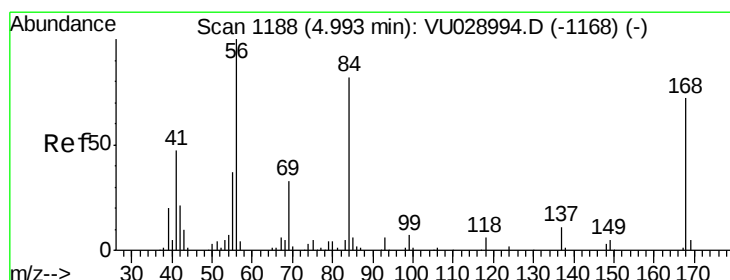
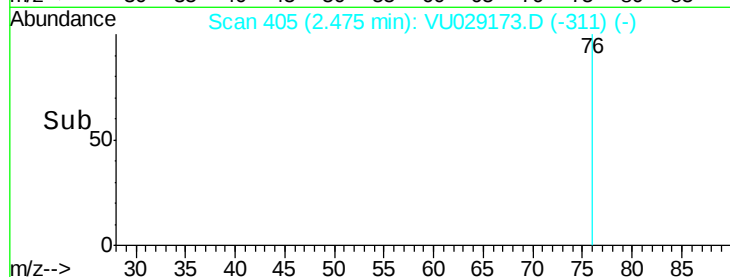
150

100

50

0

Time-->



#31

Cyclohexane

Concen: Below Cal

RT: 4.98 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VU029173.D

Acq: 15 Jan 2019 10:16

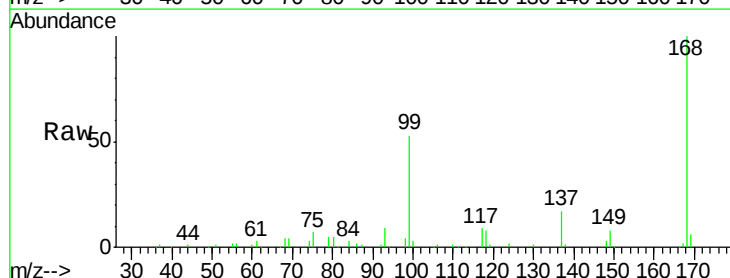
Tgt Ion: 56 Resp: 1950

Ion Ratio Lower Upper

56 100

69 183.4 26.7 40.1#

84 160.8 65.7 98.5#



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

2500

2000

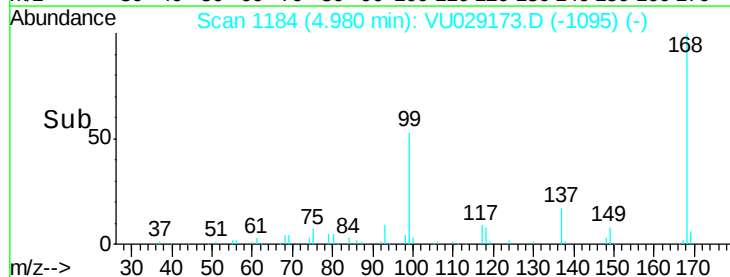
1500

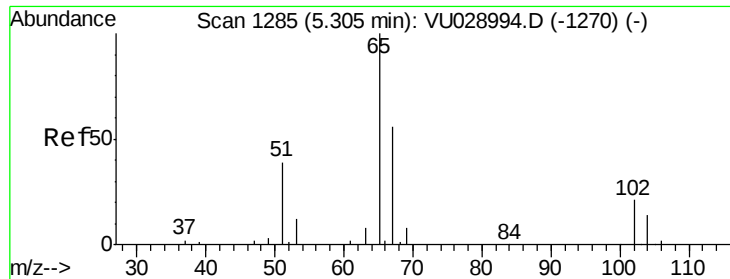
1000

500

0

Time-->

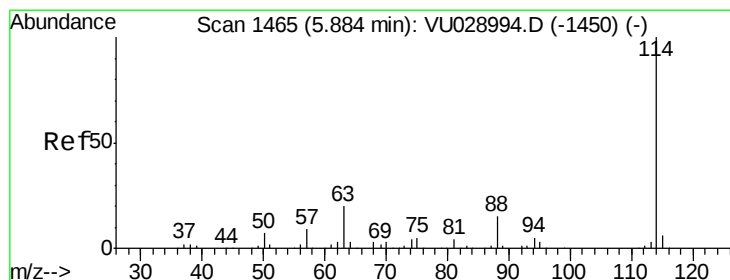
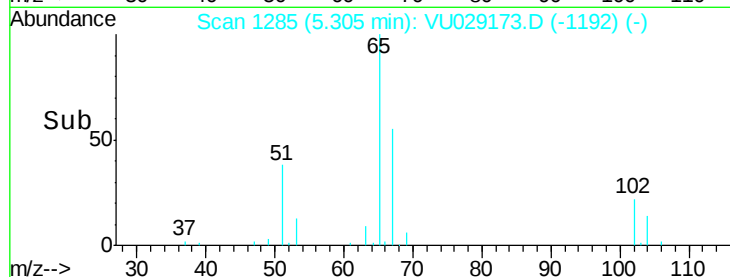
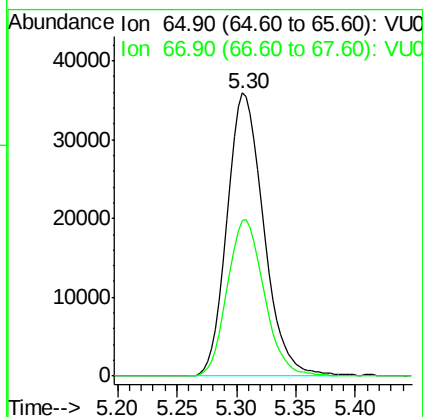
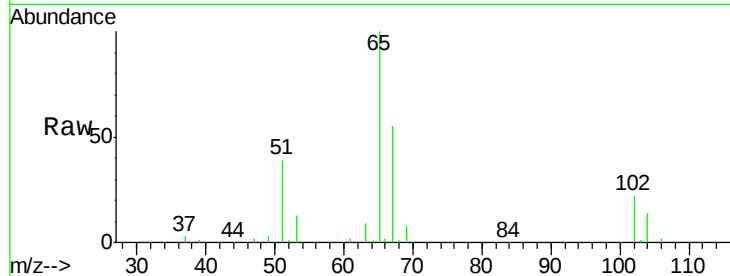




#33
 1,2-Dichloroethane-d4
 Concen: 54.574 ug/l
 RT: 5.30 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VU029173.D
 Acq: 15 Jan 2019 10:16

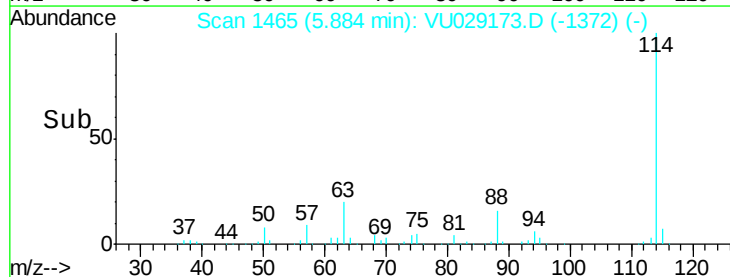
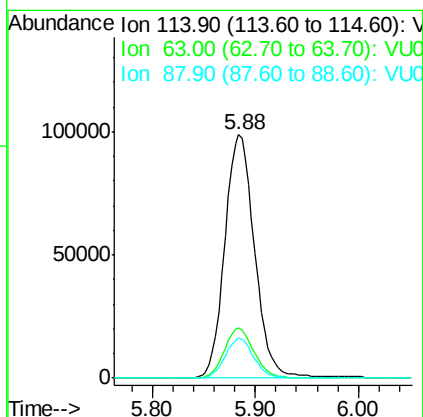
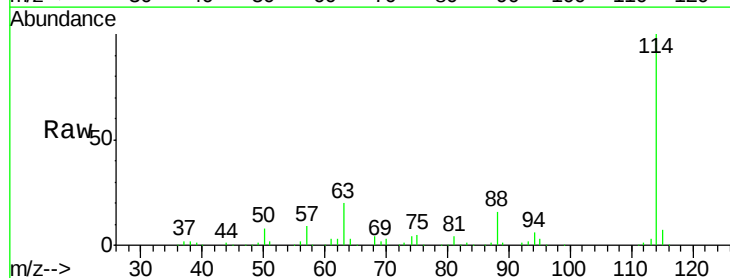
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0115MBL01

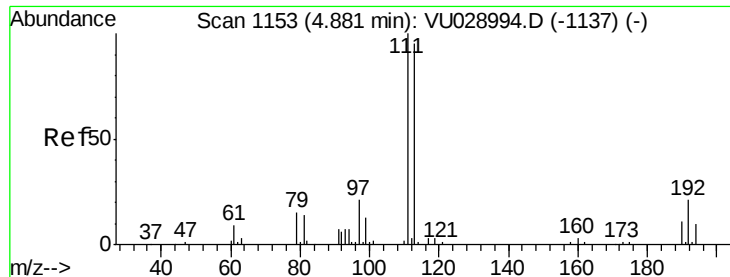
Tot Ion: 65 Resp: 76872
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU029173.D
 Acq: 15 Jan 2019 10:16

Tgt Ion: 114 Resp: 199253
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.2
 88 16.4 0.0 30.4

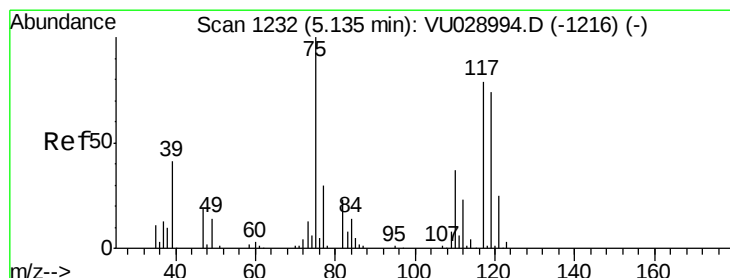
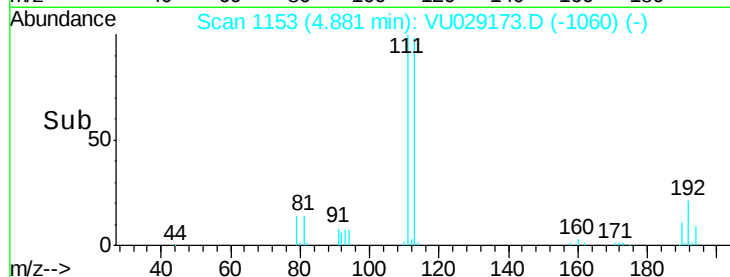
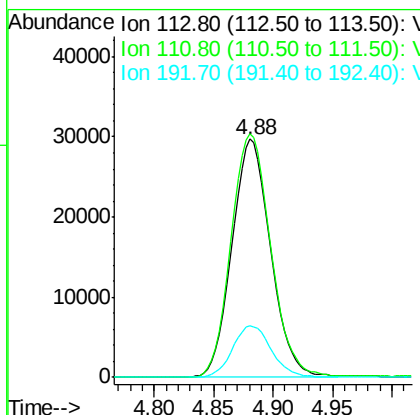
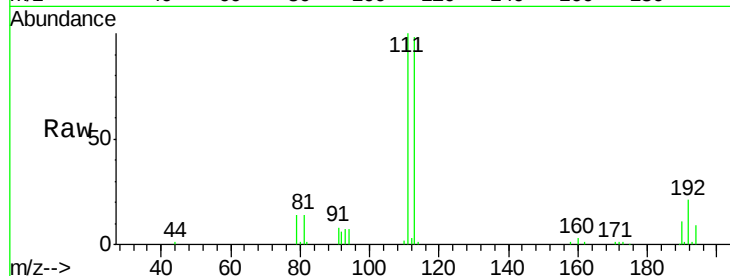




#35
 Dibromofluoromethane
 Concen: 51.817 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU029173.D
 Acq: 15 Jan 2019 10:16

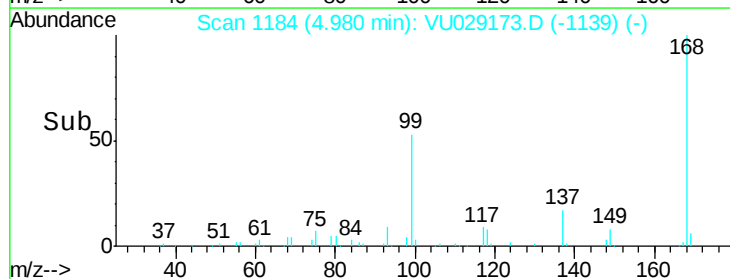
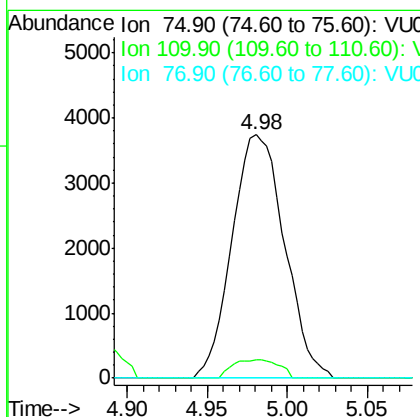
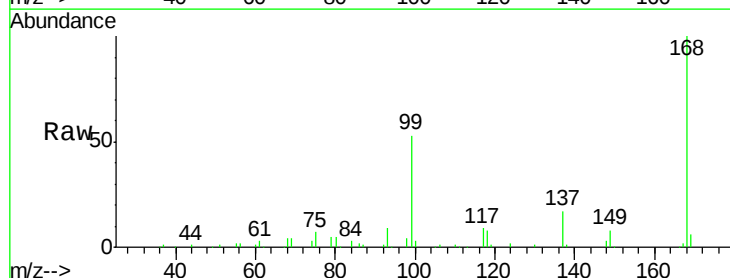
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0115MBL01

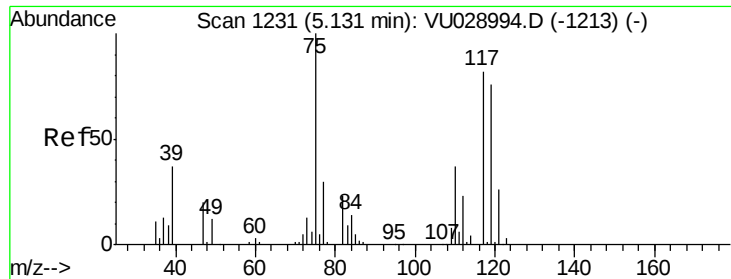
Tot Ion:113 Resp: 66928
 Ion Ratio Lower Upper
 113 100
 111 105.2 81.4 122.2
 192 21.7 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 4.219 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.15 min
 Lab File: VU029173.D
 Acq: 15 Jan 2019 10:16

Tgt Ion: 75 Resp: 8402
 Ion Ratio Lower Upper
 75 100
 110 6.7 18.4 55.4#
 77 0.0 25.1 37.7#

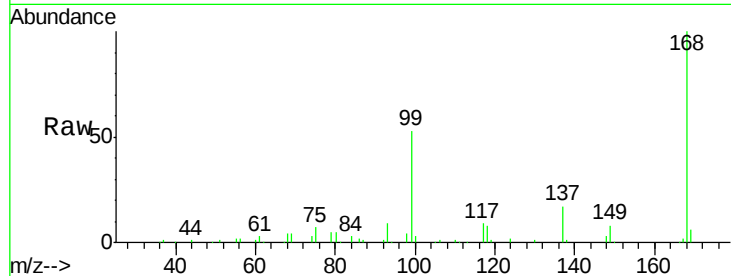




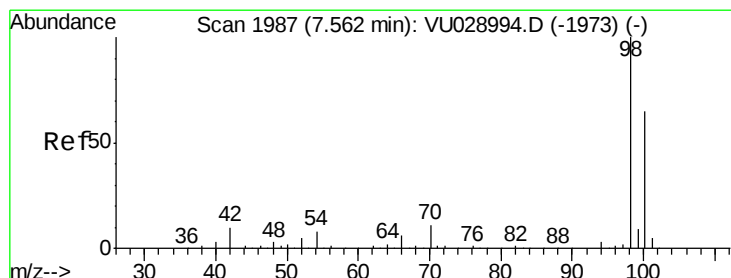
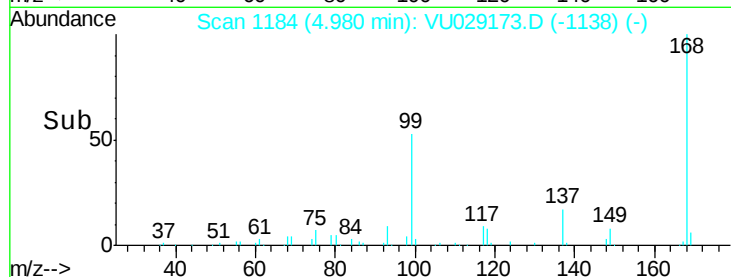
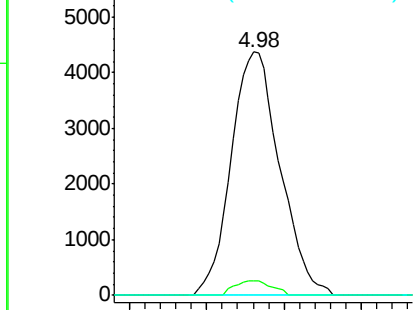
#38
Carbon Tetrachloride
Concen: 5.761 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.15 min
Lab File: VU029173.D
Acq: 15 Jan 2019 10:16

Instrument :
MSVOA_U
ClientSampleId :
VU0115MBL01

Tot Ion:117 Resp: 9569
Ion Ratio Lower Upper
117 100
119 6.2 74.6 111.8#
121 0.0 25.0 37.6#

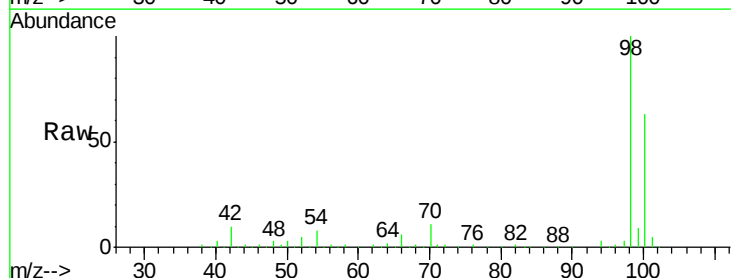


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

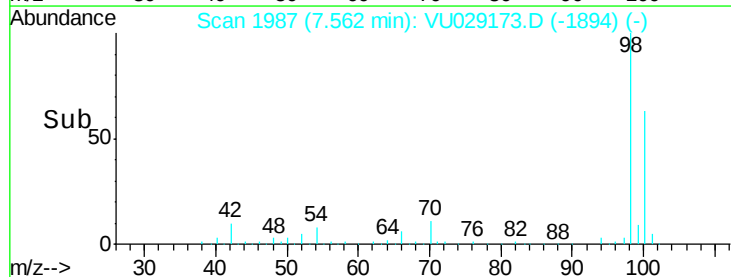
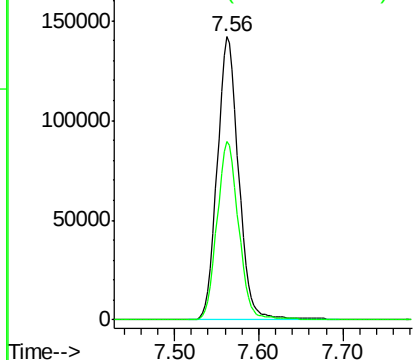


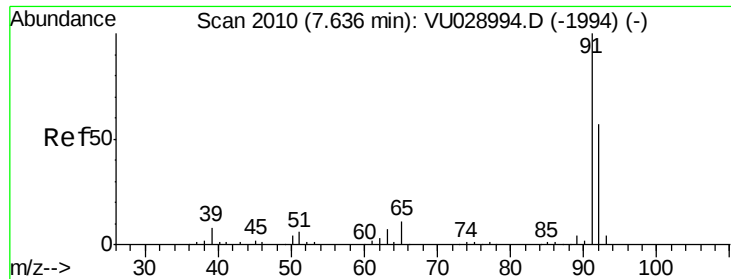
#50
Toluene-d8
Concen: 49.216 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU029173.D
Acq: 15 Jan 2019 10:16

Tgt Ion: 98 Resp: 250957
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4



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





#52

Toluene

Concen: 0.207 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU029173.D

Acq: 15 Jan 2019 10:16

Instrument :

MSVOA_U

ClientSampleId :

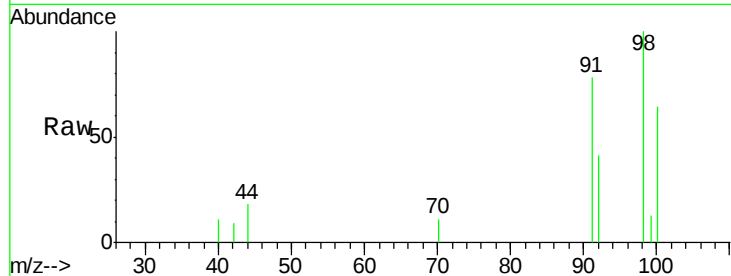
VU0115MBL01

Tot Ion: 92 Resp: 781

Ion Ratio Lower Upper

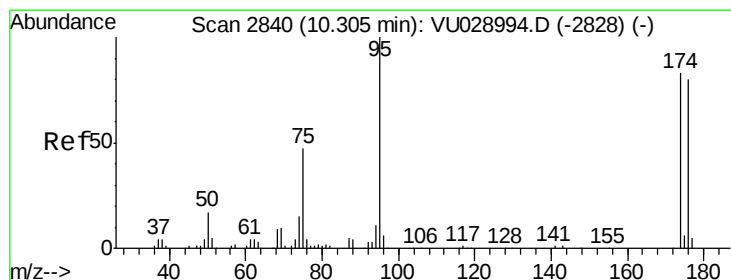
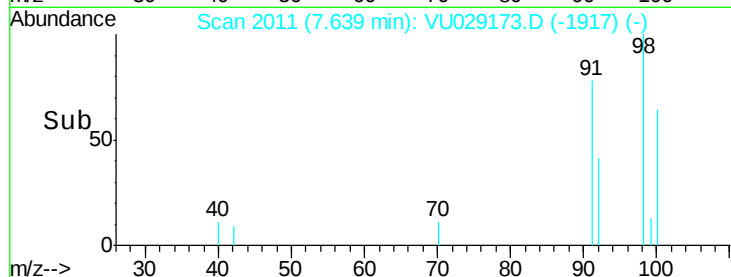
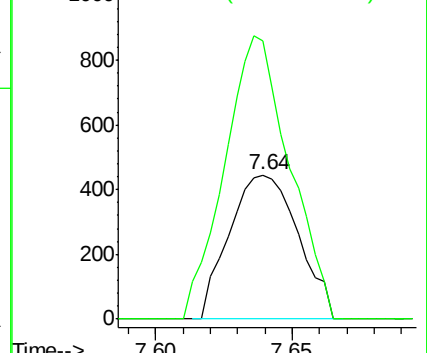
92 100

91 185.1 139.8 209.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#62

4-Bromofluorobenzene

Concen: 43.017 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU029173.D

Acq: 15 Jan 2019 10:16

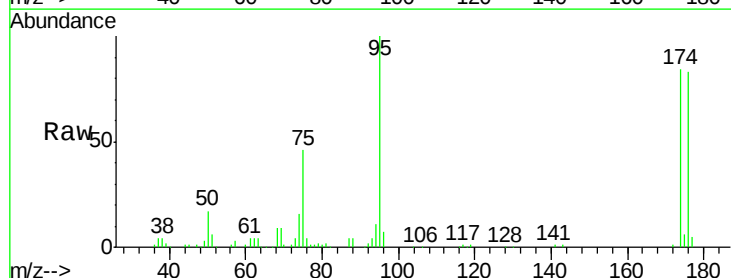
Tgt Ion: 95 Resp: 78831

Ion Ratio Lower Upper

95 100

174 85.3 0.0 170.6

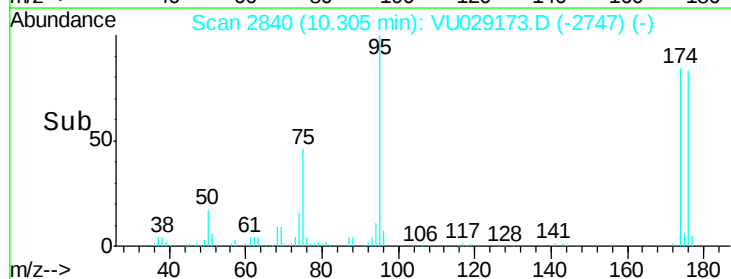
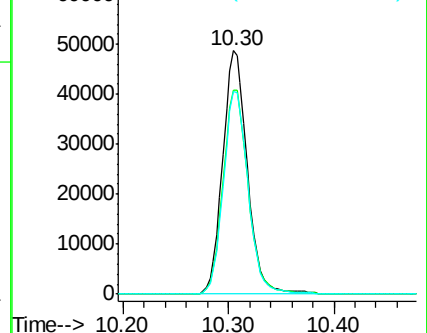
176 83.8 0.0 165.0

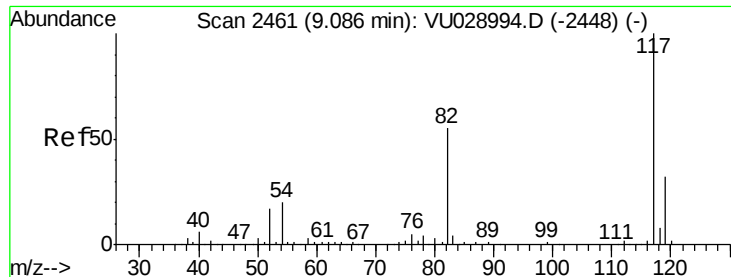


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

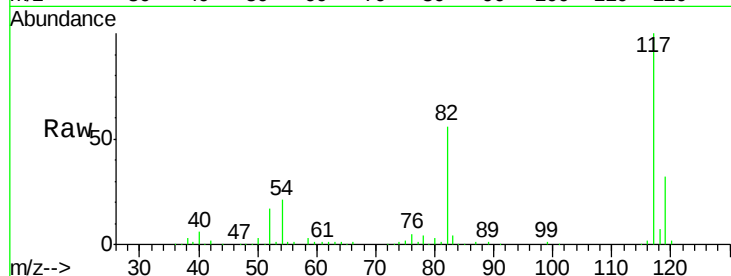




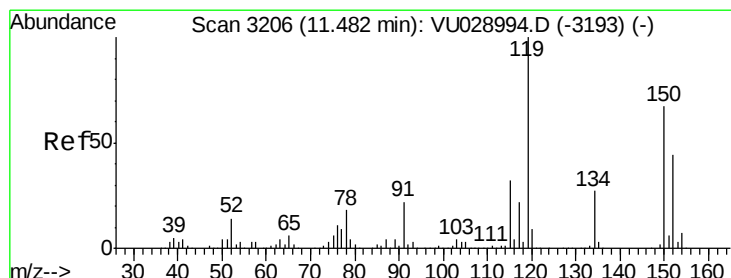
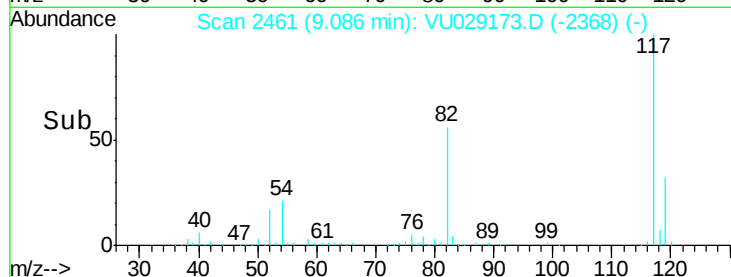
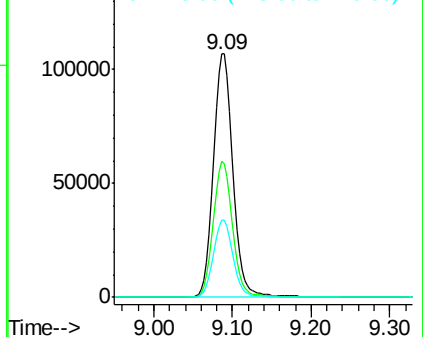
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. -0.00 min
Lab File: VU029173.D
Acq: 15 Jan 2019 10:16

Instrument :
MSVOA_U
ClientSampleId :
VU0115MBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	43.9	65.9
119	31.8	26.0	39.0

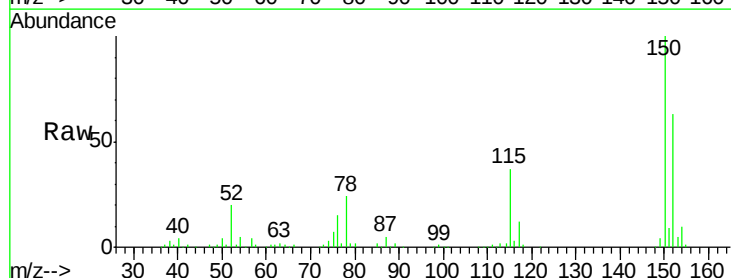


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

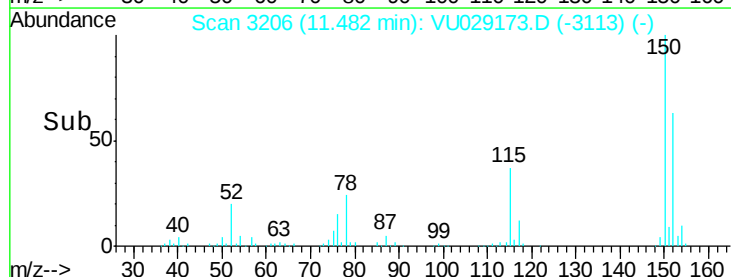
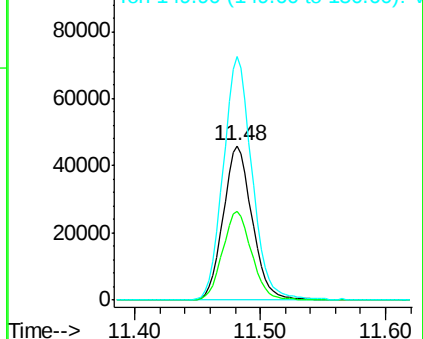


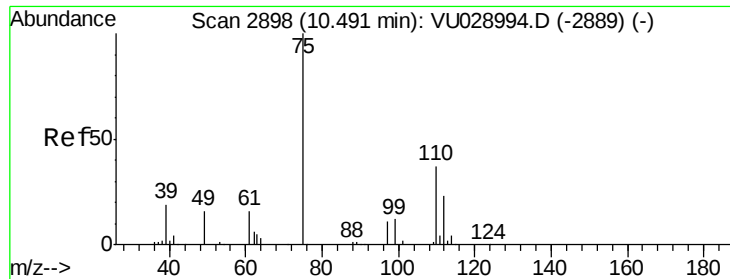
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU029173.D
Acq: 15 Jan 2019 10:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	40.1	120.3
150	156.8	0.0	345.2



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: 20.291 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU029173.D

Acq: 15 Jan 2019 10:16

Instrument :

MSVOA_U

ClientSampleId :

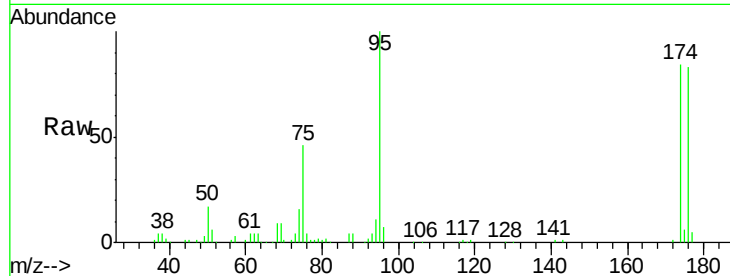
VU0115MBL01

Tot Ion: 75 Resp: 36827

Ion Ratio Lower Upper

75 100

77 1.0 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

25000

20000

15000

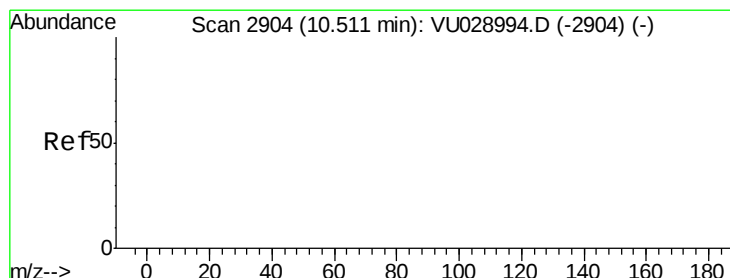
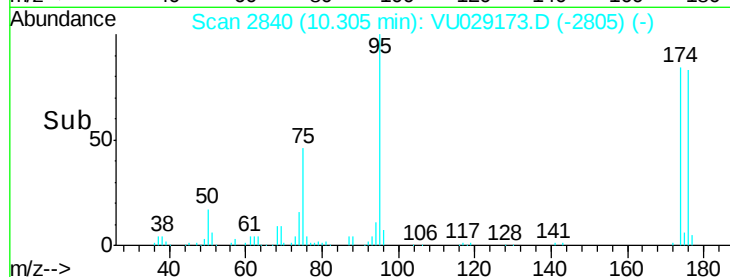
10000

5000

0

10.25 10.30 10.35 10.40

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 52.333 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU029173.D

Acq: 15 Jan 2019 10:16

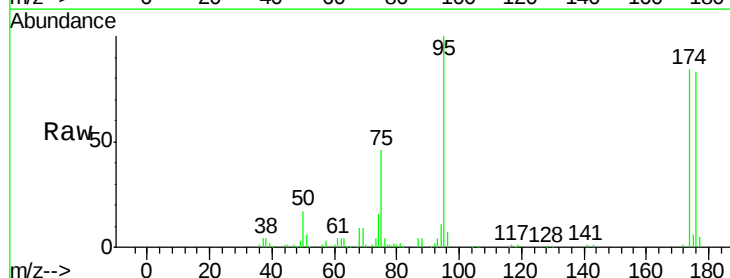
Tgt Ion: 75 Resp: 36827

Ion Ratio Lower Upper

75 100

53 0.0 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

30000

25000

20000

15000

10000

5000

0

10.25 10.30 10.35 10.40

Time-->

