

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010519\
 Data File : VU029032.D
 Acq On : 04 Jan 2019 17:05
 Operator : MD/SY
 Sample : K1055-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2

Quant Time: Jan 05 03:47:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	113821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	197051	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	177281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	68231	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	75490	53.65	ug/l	0.00
Spiked Amount			Recovery	=	107.30%	
35) Dibromofluoromethane	4.88	113	65881	51.58	ug/l	0.00
Spiked Amount			Recovery	=	103.16%	
50) Toluene-d8	7.56	98	245447	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	10.30	95	76524	42.23	ug/l	0.00
Spiked Amount			Recovery	=	84.46%	

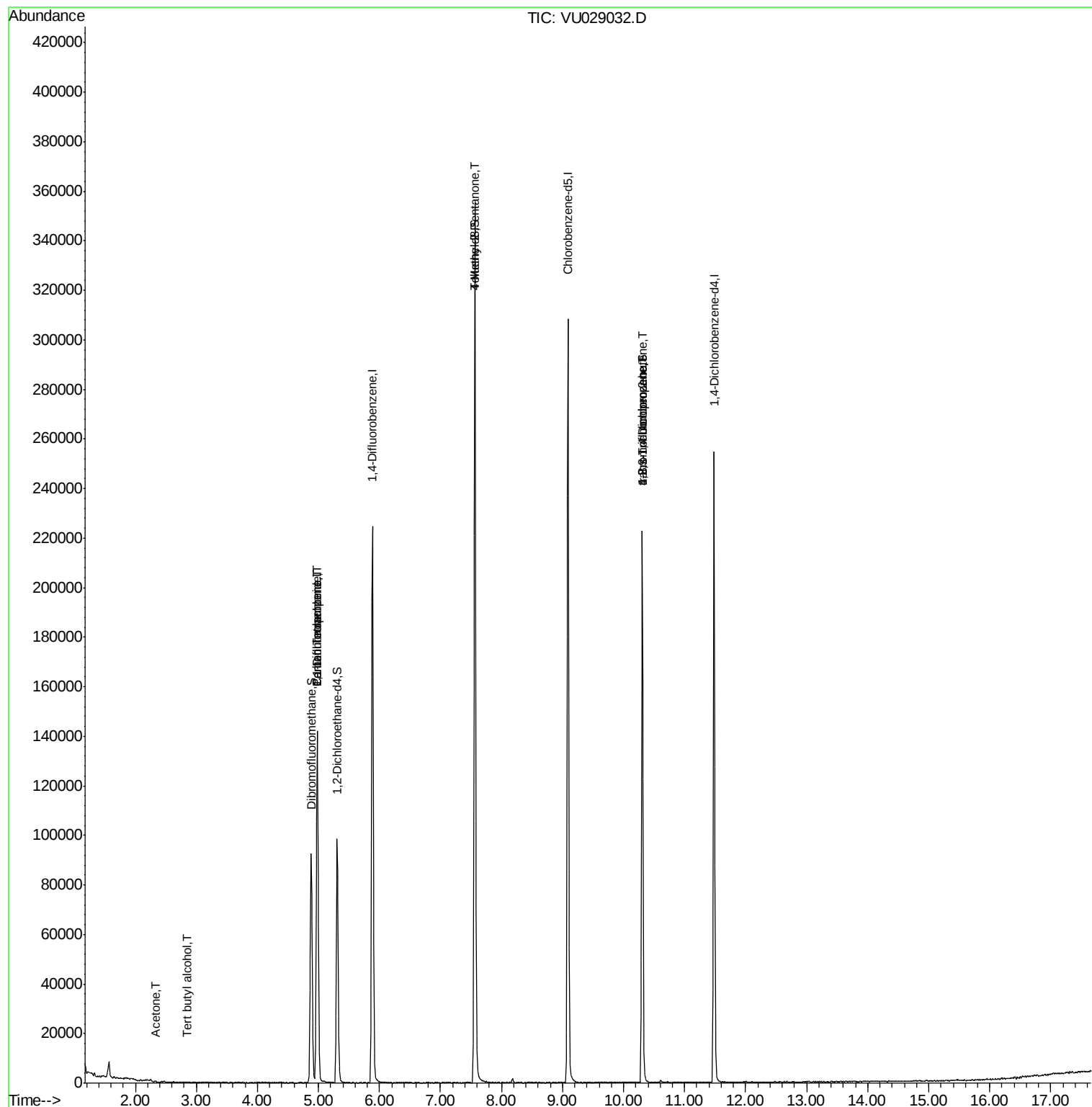
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1114	Below Cal		94
11) Tert butyl alcohol	2.84	59	106	0.296	ug/l #	73
16) Acetone	2.32	43	419	0.473	ug/l #	39
17) Carbon Disulfide	2.48	76	272	Below Cal	#	75
31) Cyclohexane	4.98	56	1952	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	8420	4.275	ug/l #	47
38) Carbon Tetrachloride	4.98	117	10272	6.253	ug/l #	16
51) 4-Methyl-2-Pentanone	7.56	43	1018	0.451	ug/l #	1
76) 1,2,3-Trichloropropane	10.30	75	36376	21.759	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.30	75	36376	56.118	ug/l #	100

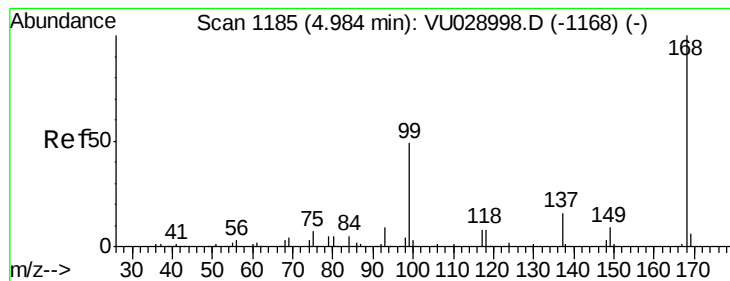
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU010519\
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Quant Time: Jan 05 03:47:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Fri Jan 04 02:22:53 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: VU029032.D

Acq: 04 Jan 2019 17:05

Instrument :

MSVOA_U

ClientSampleId :

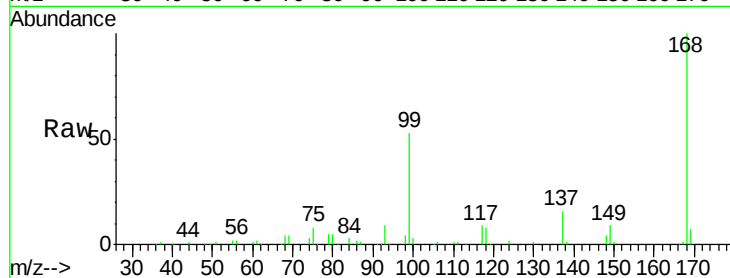
MW-2

Tot Ion:168 Resp: 113821

Ion Ratio Lower Upper

168 100

99 52.8 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028998.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028998.D (-1168) (-)

4.98

50000

40000

30000

20000

10000

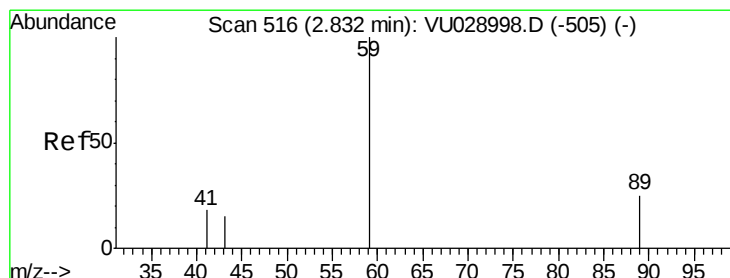
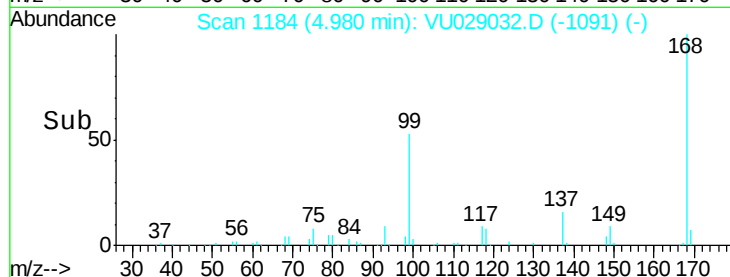
0

4.90

5.00

5.10

Time-->



#11

Tert butyl alcohol

Concen: 0.296 ug/l

RT: 2.84 min Scan# 517

Delta R.T. 0.00 min

Lab File: VU029032.D

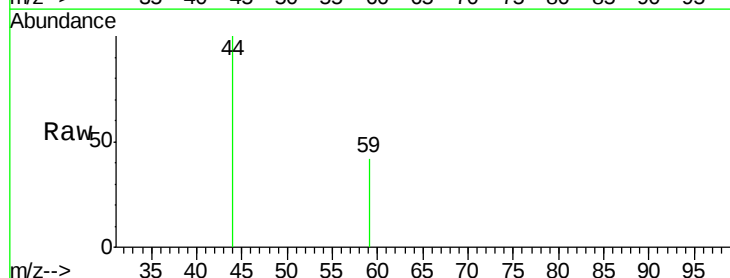
Acq: 04 Jan 2019 17:05

Tgt Ion: 59 Resp: 106

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VU028998.D (-505) (-)

Ion 57.00 (56.70 to 57.70): VU028998.D (-505) (-)

2.84

100

50

0

2.82

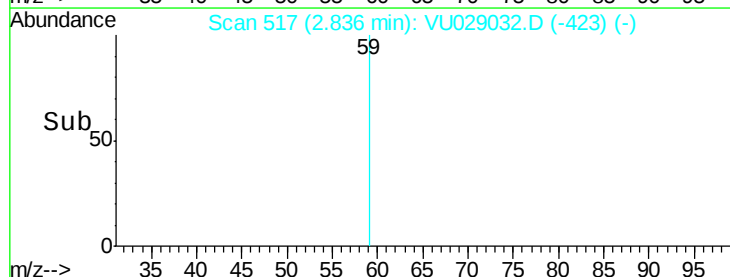
2.83

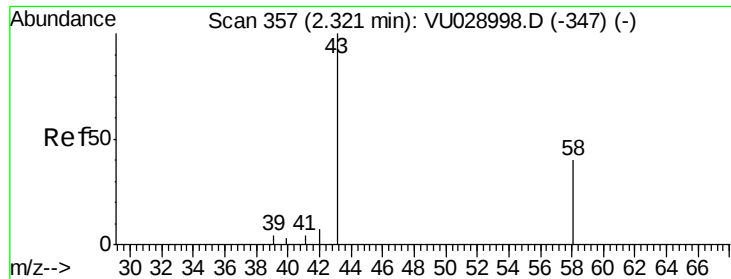
2.84

2.85

2.86

Time-->





#16

Acetone

Concen: 0.473 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU029032.D

Acq: 04 Jan 2019 17:05

Instrument :

MSVOA_U

ClientSampled :

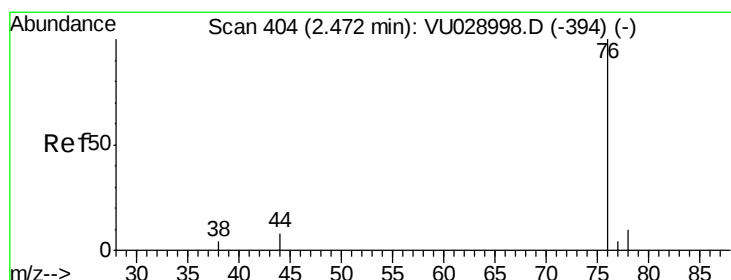
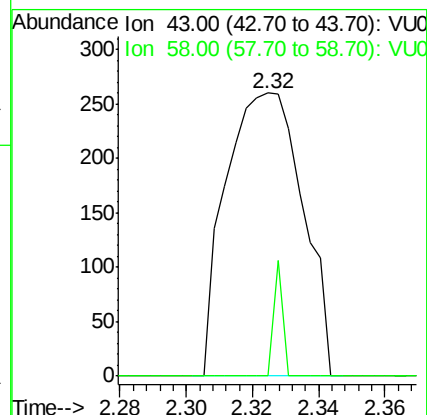
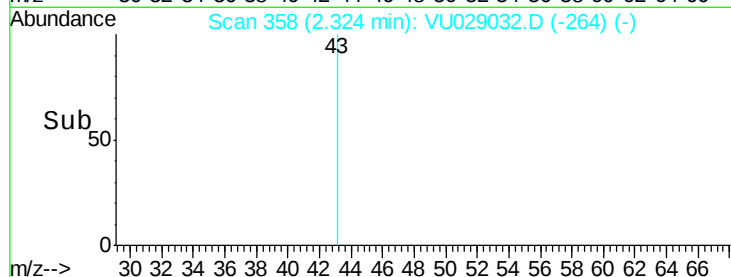
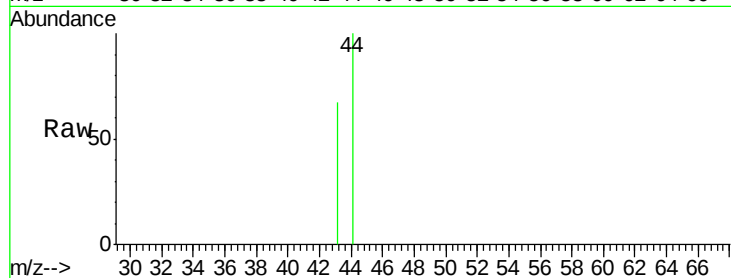
MW-2

Tot Ion: 43 Resp: 419

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: VU029032.D

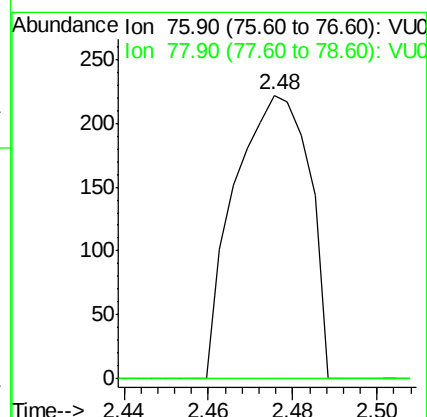
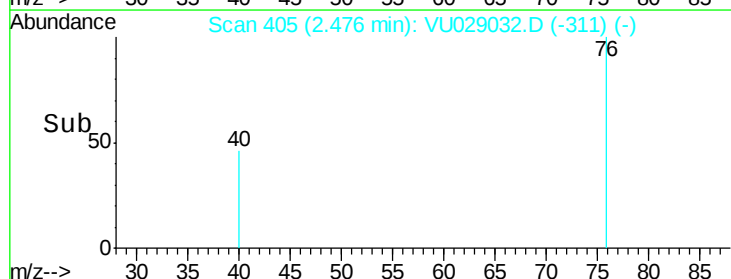
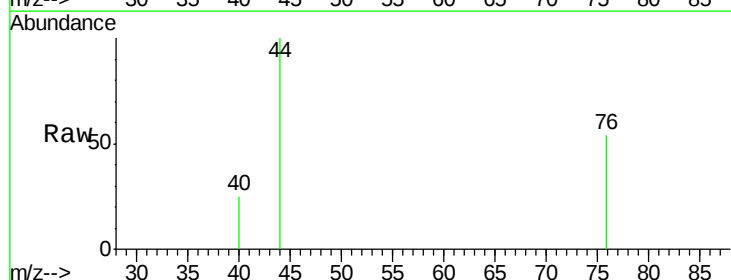
Acq: 04 Jan 2019 17:05

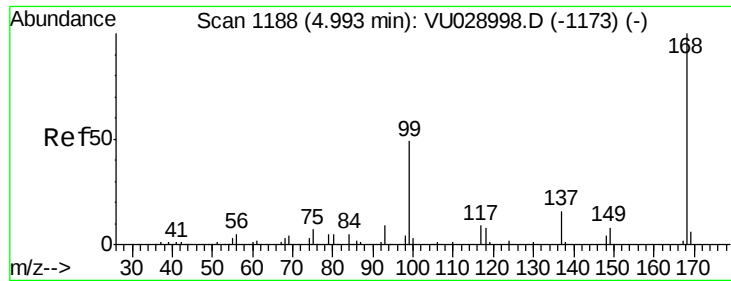
Tgt Ion: 76 Resp: 272

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

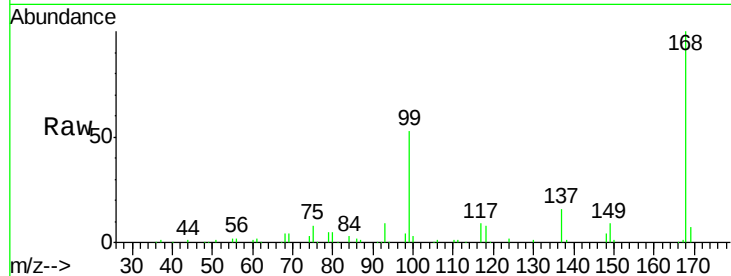




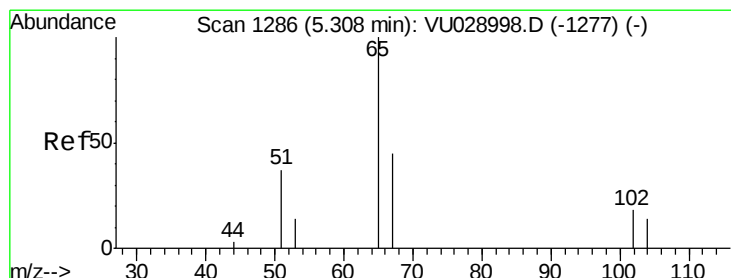
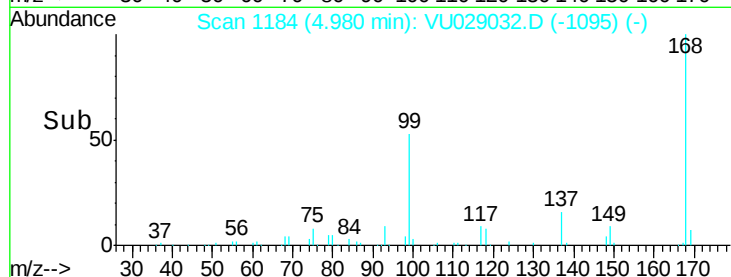
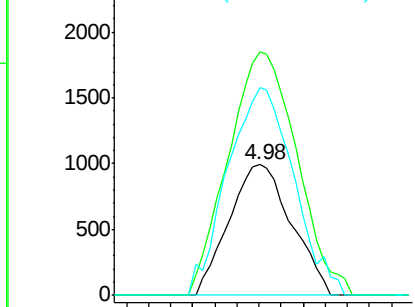
#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VU029032.D
Acq: 04 Jan 2019 17:05

Instrument :
MSVOA_U
ClientSampled :
MW-2

Tot Ion: 56 Resp: 1952
Ion Ratio Lower Upper
56 100
69 186.1 26.7 40.1#
84 158.9 65.7 98.5#

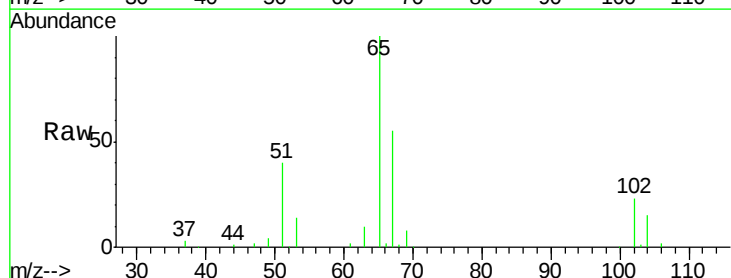


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

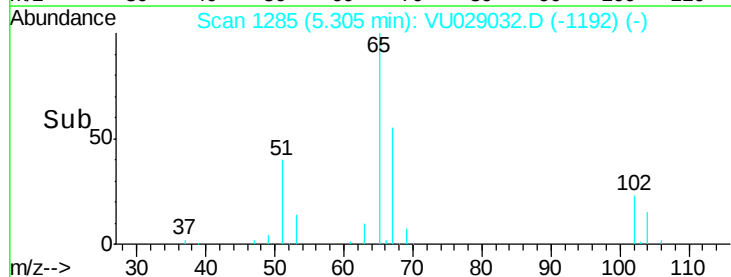
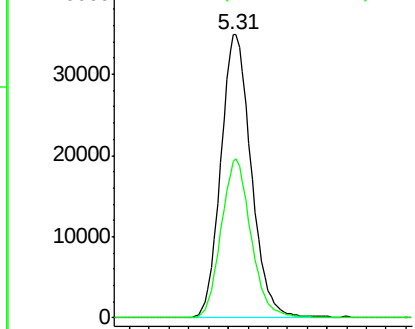


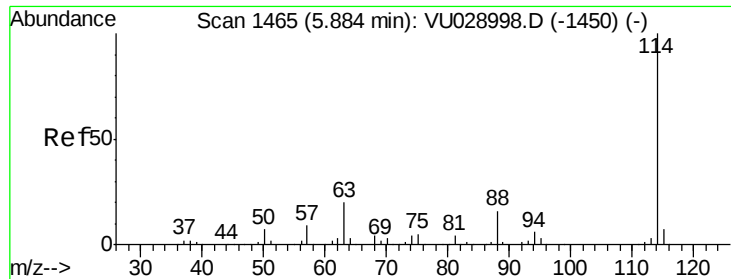
#33
1,2-Dichloroethane-d4
Concen: 53.651 ug/l
RT: 5.31 min Scan# 1285
Delta R.T. 0.00 min
Lab File: VU029032.D
Acq: 04 Jan 2019 17:05

Tgt Ion: 65 Resp: 75490
Ion Ratio Lower Upper
65 100
67 54.9 0.0 111.0



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: 5.88 min Scan# 1465

Delta R.T. 0.00 min

Lab File: VU029032.D

Acq: 04 Jan 2019 17:05

Instrument :

MSVOA_U

ClientSampled :

MW-2

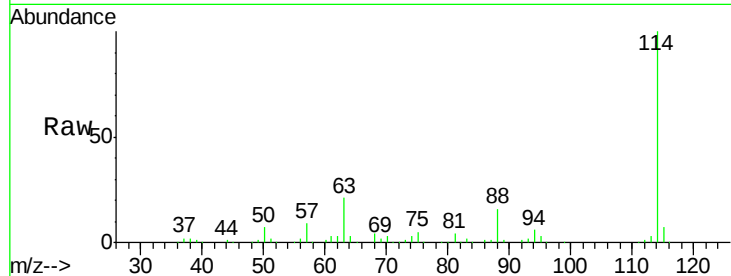
Tot Ion:114 Resp: 197051

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.2

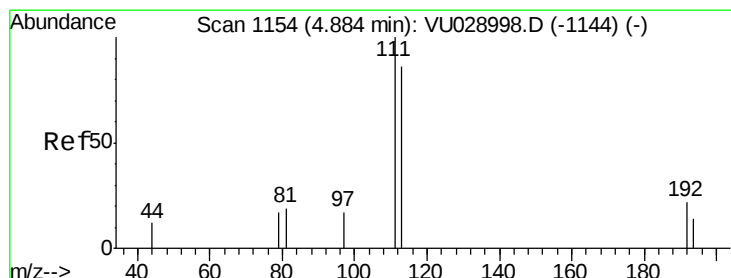
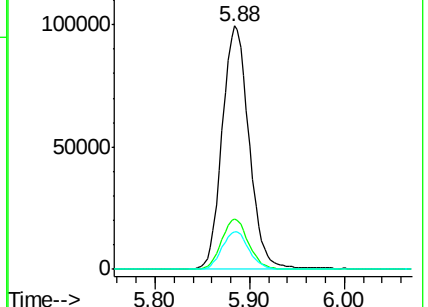
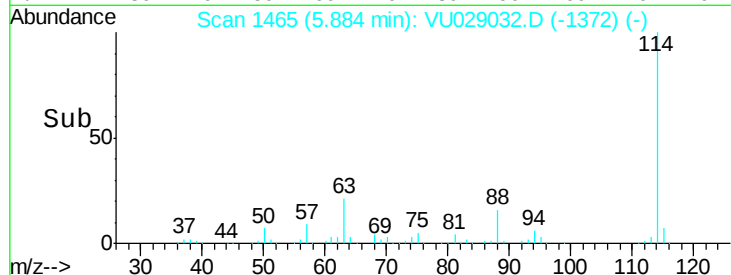
88 15.6 0.0 30.4



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: 51.577 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU029032.D

Acq: 04 Jan 2019 17:05

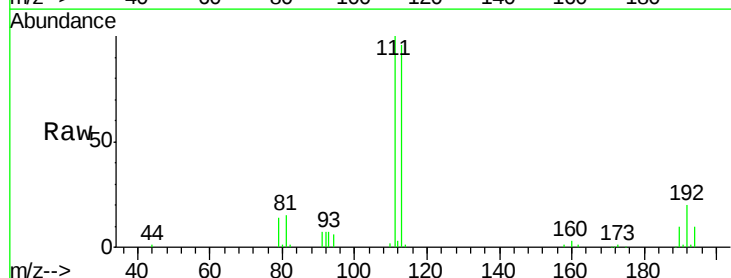
Tgt Ion:113 Resp: 65881

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.2

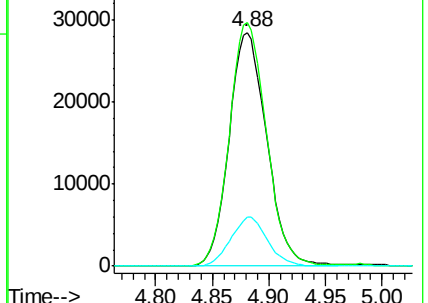
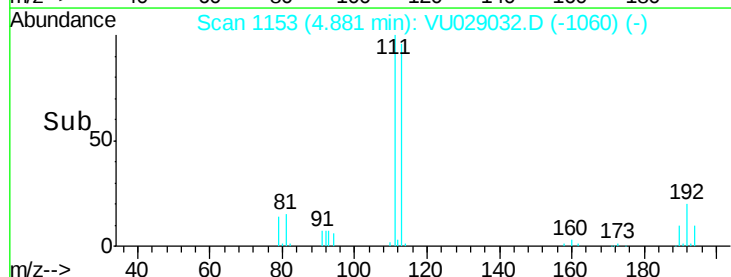
192 20.3 16.8 25.2

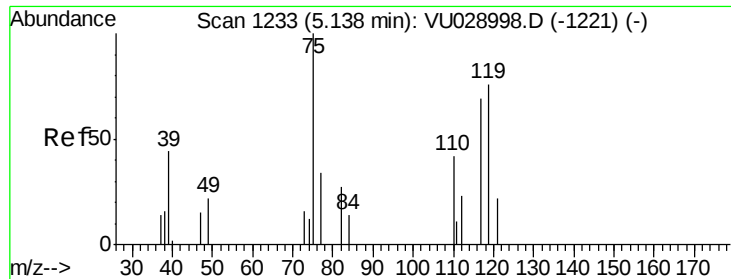


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

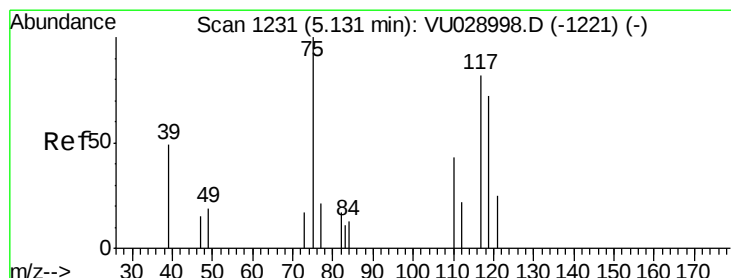
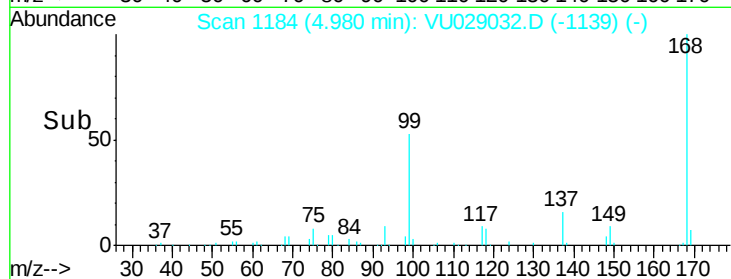
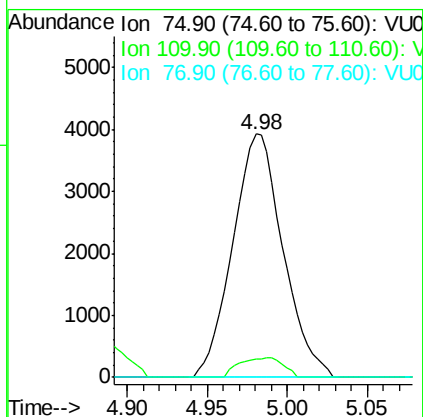
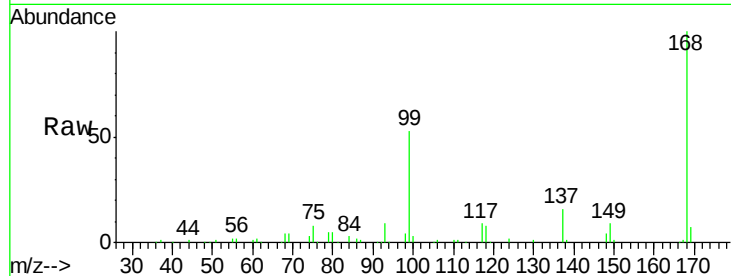




#36
 1,1-Dichloropropene
 Concen: 4.275 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.15 min
 Lab File: VU029032.D
 Acq: 04 Jan 2019 17:05

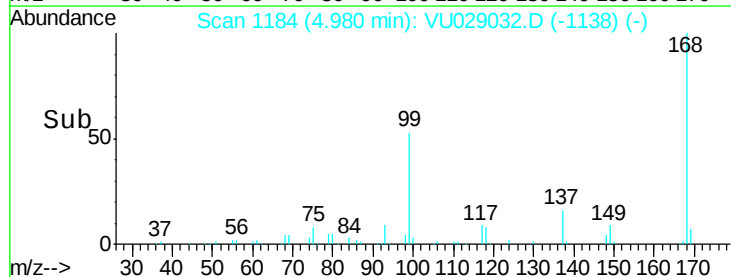
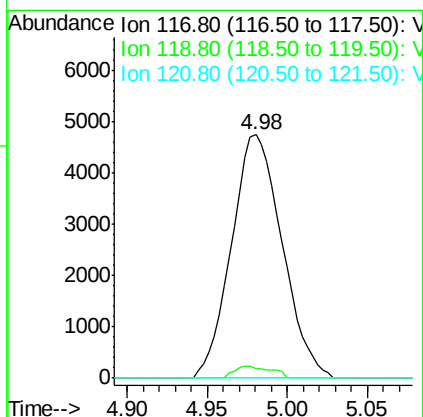
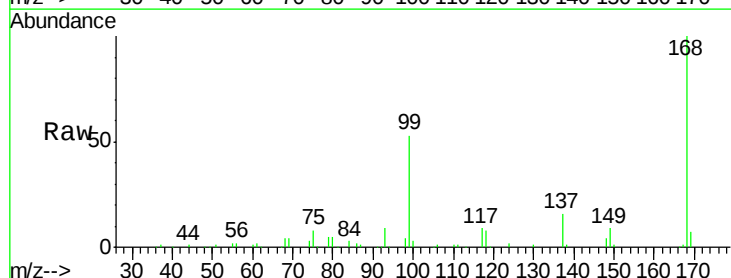
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2

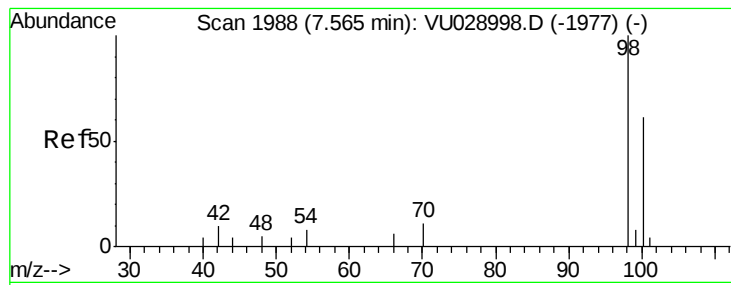
Tot Ion: 75 Resp: 8420
 Ion Ratio Lower Upper
 75 100
 110 7.0 18.4 55.4#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.253 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.15 min
 Lab File: VU029032.D
 Acq: 04 Jan 2019 17:05

Tgt Ion: 117 Resp: 10272
 Ion Ratio Lower Upper
 117 100
 119 4.0 74.6 111.8#
 121 0.0 25.0 37.6#





#50

Toluene-d8

Concen: 48.673 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029032.D

Acq: 04 Jan 2019 17:05

Instrument :

MSVOA_U

ClientSampled :

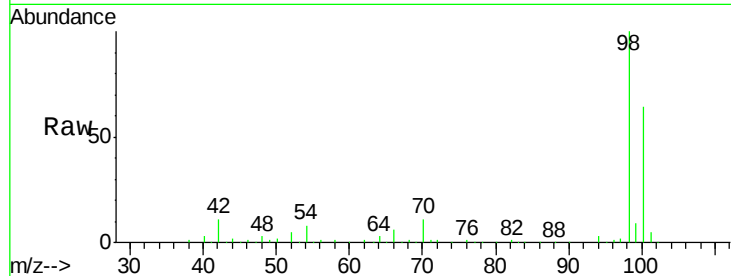
MW-2

Tot Ion: 98 Resp: 245447

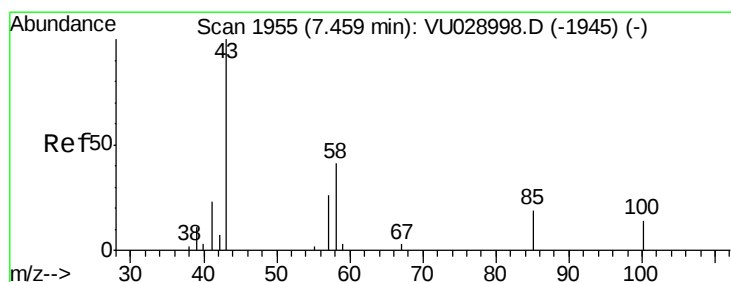
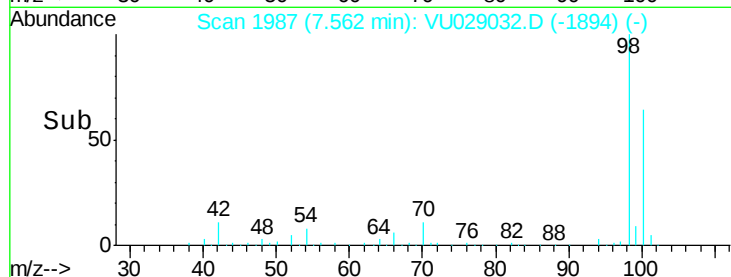
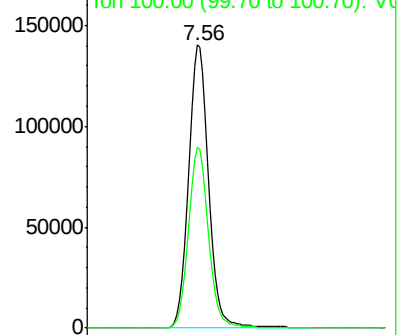
Ion Ratio Lower Upper

98 100

100 63.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU028998.D (-1977) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.451 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.10 min

Lab File: VU029032.D

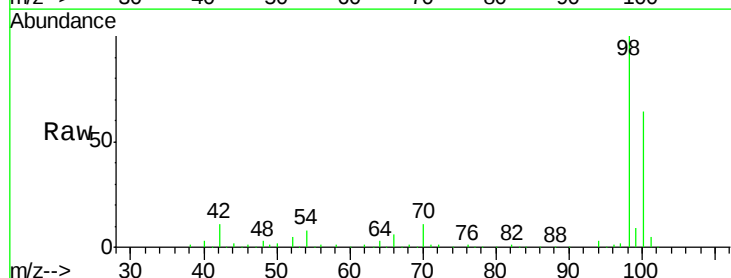
Acq: 04 Jan 2019 17:05

Tgt Ion: 43 Resp: 1018

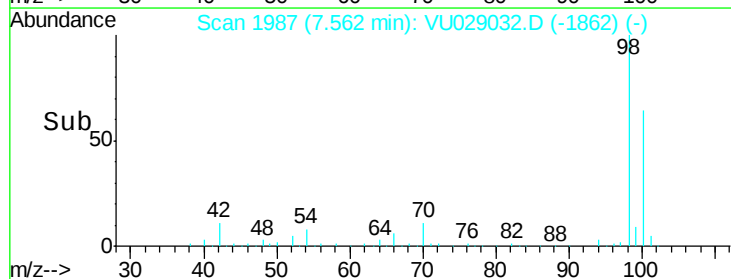
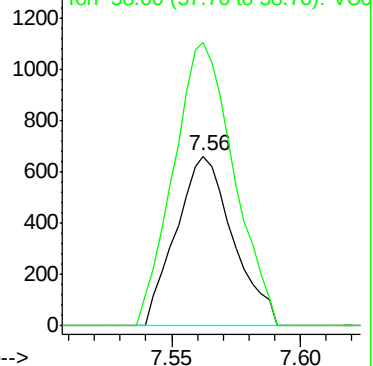
Ion Ratio Lower Upper

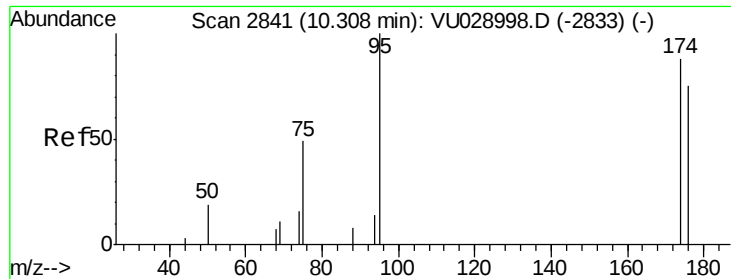
43 100

58 176.5 33.9 50.9#



Abundance Ion 43.00 (42.70 to 43.70): VU028998.D (-1945) (-)

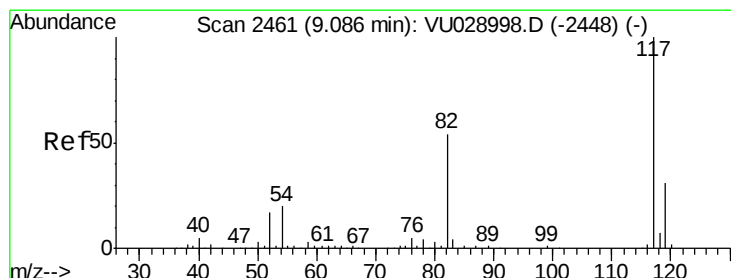
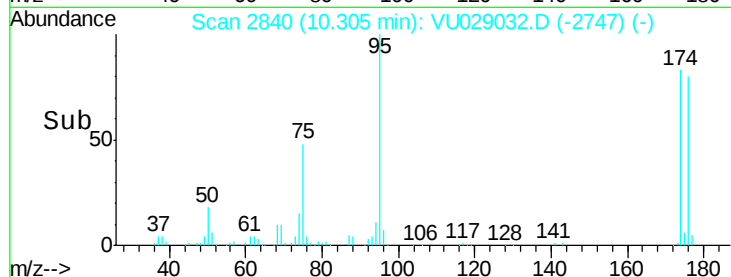
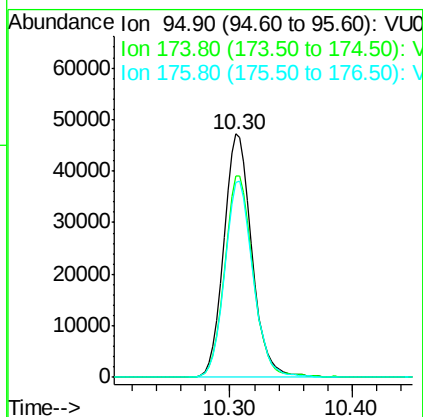
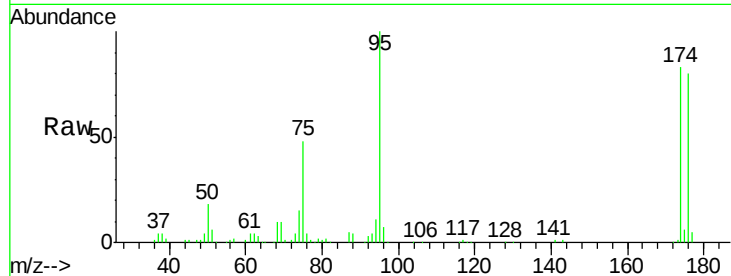




#62
4-Bromofluorobenzene
Concen: 42.225 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029032.D
Acq: 04 Jan 2019 17:05

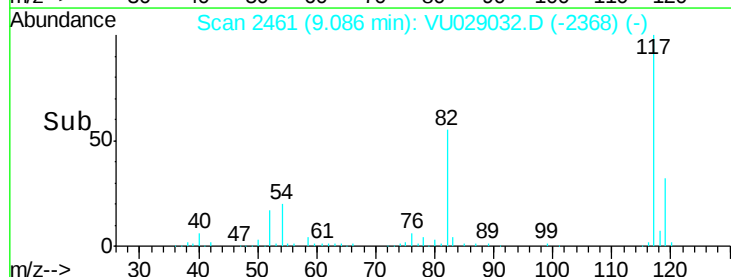
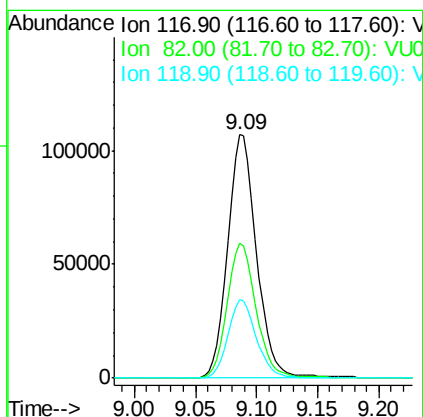
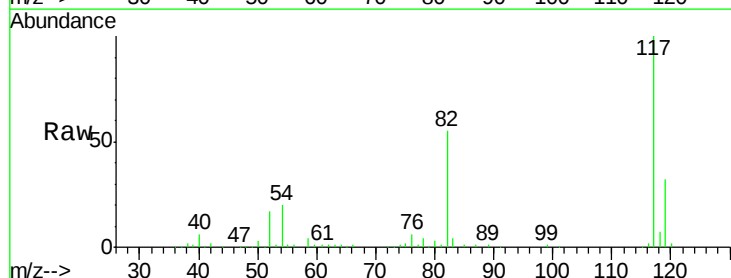
Instrument :
MSVOA_U
ClientSampleId :
MW-2

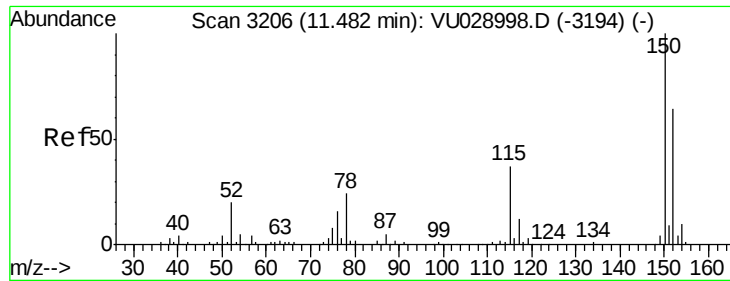
Tot Ion: 95 Resp: 76524
Ion Ratio Lower Upper
95 100
174 83.5 0.0 170.6
176 81.2 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029032.D
Acq: 04 Jan 2019 17:05

Tgt Ion: 117 Resp: 177281
Ion Ratio Lower Upper
117 100
82 55.2 43.9 65.9
119 32.1 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU029032.D

Acq: 04 Jan 2019 17:05

Instrument :

MSVOA_U

ClientSampleId :

MW-2

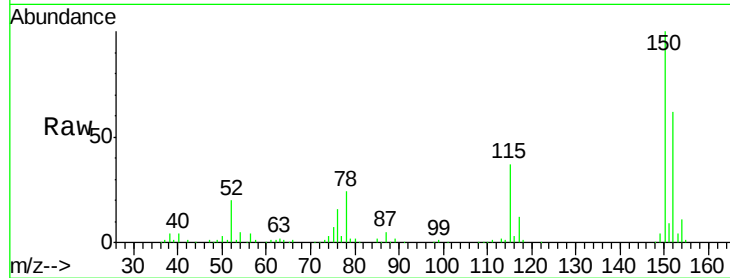
Tot Ion:152 Resp: 68231

Ion Ratio Lower Upper

152 100

115 58.4 40.1 120.3

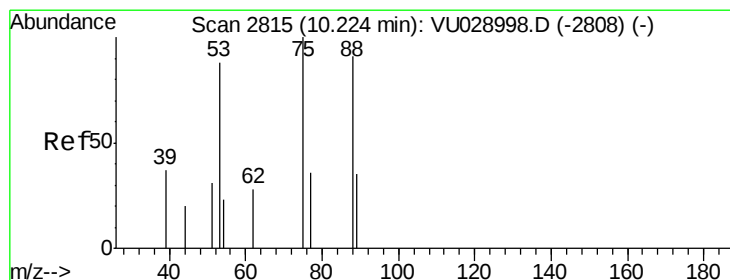
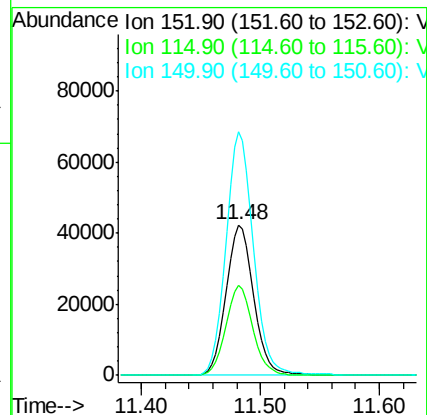
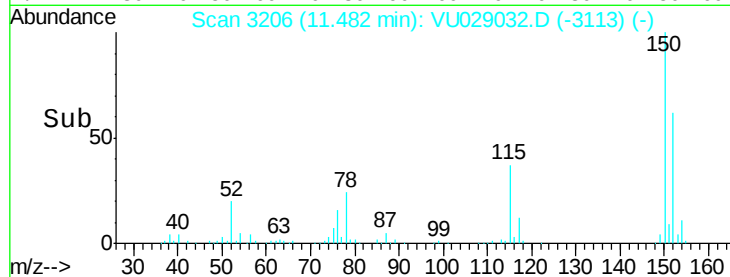
150 159.9 0.0 345.2



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: 21.759 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU029032.D

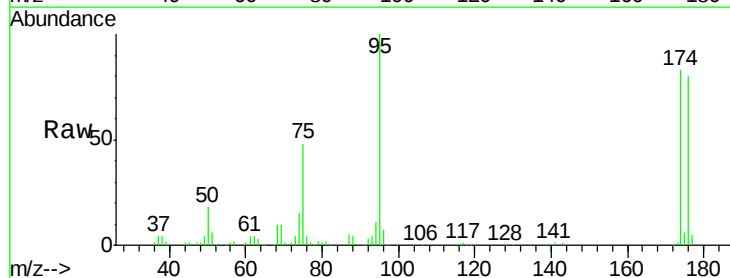
Acq: 04 Jan 2019 17:05

Tgt Ion: 75 Resp: 36376

Ion Ratio Lower Upper

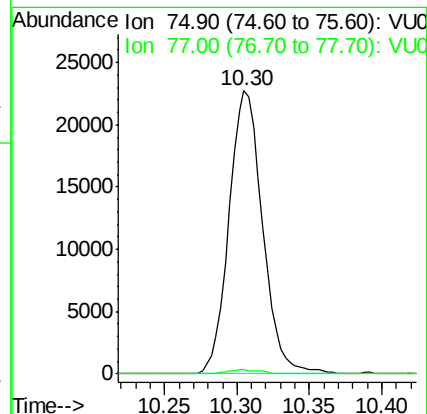
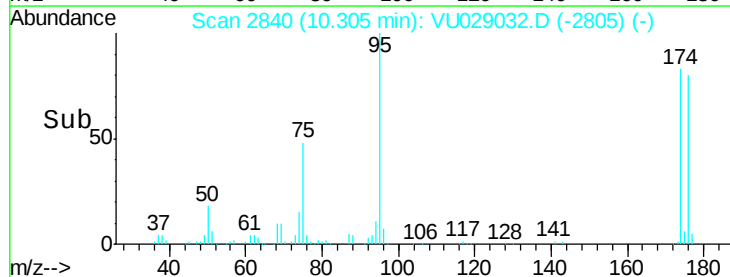
75 100

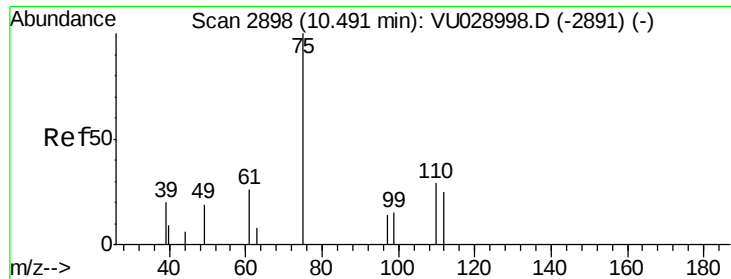
77 1.4 20.9 62.8#



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: 56.118 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU029032.D

Acq: 04 Jan 2019 17:05

Instrument :

MSVOA_U

ClientSampleId :

MW-2

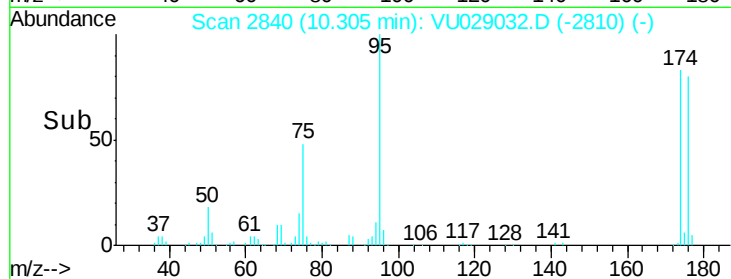
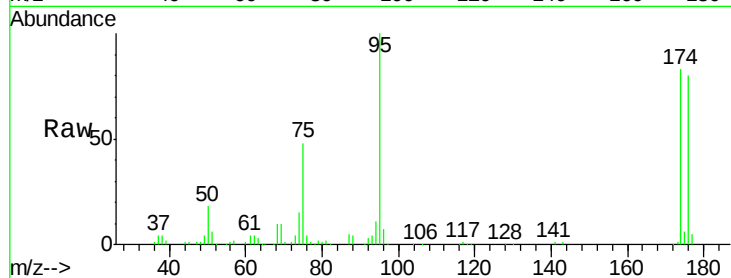
Tot Ion: 75 Resp: 36376

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

