

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062718\
 Data File : VU025004.D
 Acq On : 28 Jun 2018 07:00
 Operator : MD/SY
 Sample : J3671-12ME 10X
 Misc : 5.96g/5mL/100uL/5.00ML/MSVOA_U/MEOH
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB478-31-33-180621ME

Quant Time: Jun 28 07:51:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	211417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	320488	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	297511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	164924	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	161653	46.84	ug/l	0.00
Spiked Amount			Recovery	=	93.68%	
35) Dibromofluoromethane	4.89	113	124732	46.90	ug/l	0.00
Spiked Amount			Recovery	=	93.80%	
50) Toluene-d8	7.57	98	462125	47.63	ug/l	0.00
Spiked Amount			Recovery	=	95.26%	
62) 4-Bromofluorobenzene	10.31	95	178826	46.42	ug/l	0.00
Spiked Amount			Recovery	=	92.84%	

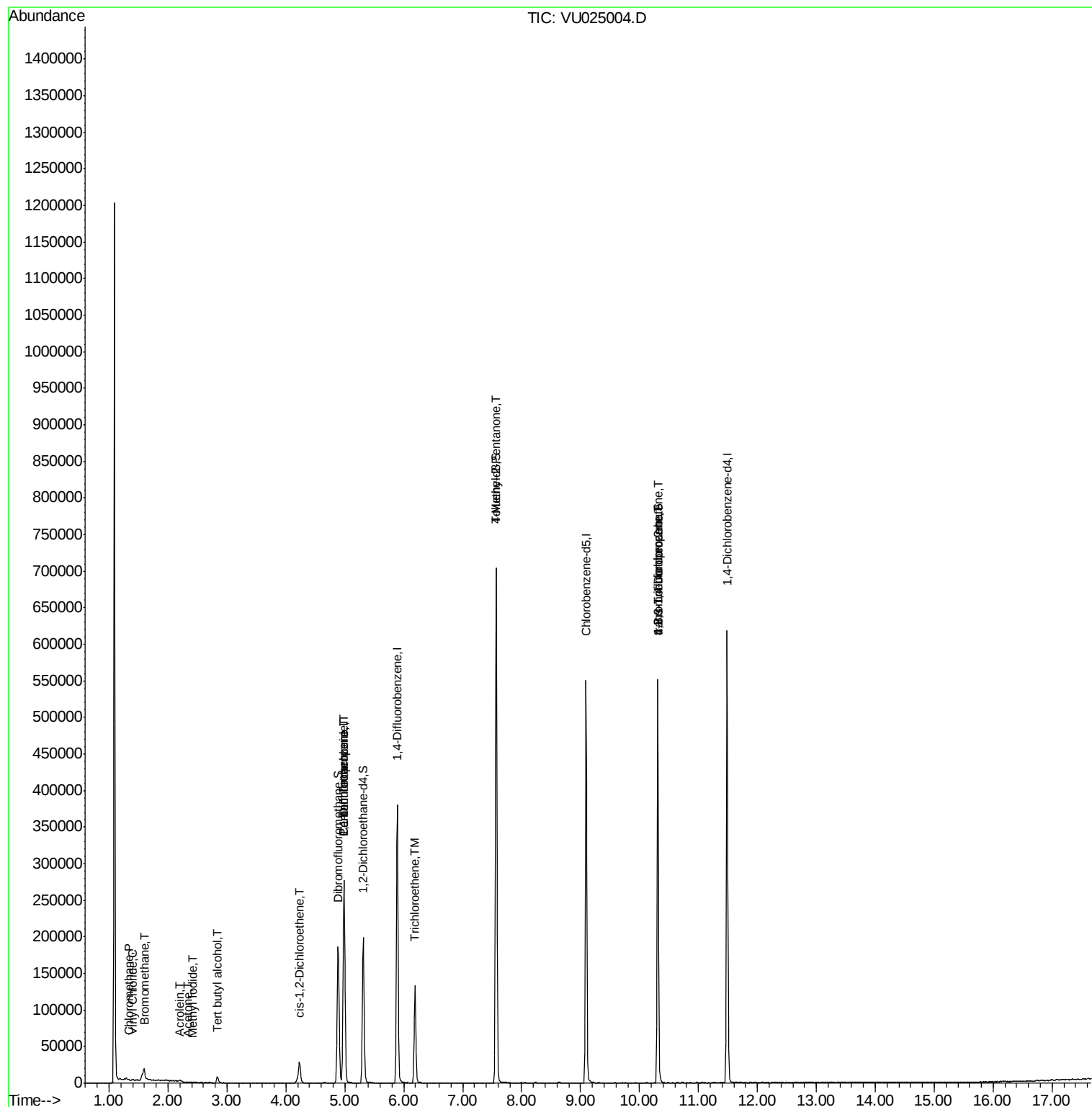
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	545	0.202	ug/l	96
4) Vinyl Chloride	1.40	62	832	0.298	ug/l #	75
5) Bromomethane	1.61	94	542	0.402	ug/l #	59
6) Chloroethane	1.67	64	150	Below Cal	#	43
10) Methyl Iodide	2.41	142	112	5.333	ug/l #	40
11) Tert butyl alcohol	2.84	59	5006	5.964	ug/l #	72
13) Acrolein	2.19	56	107	0.243	ug/l #	13
16) Acetone	2.32	43	641	0.346	ug/l #	88
27) cis-1,2-Dichloroethene	4.23	96	15424	5.060	ug/l	90
31) Cyclohexane	4.98	56	4349	Below Cal	#	1
36) 1,1-Dichloropropene	4.99	75	15312	4.066	ug/l #	51
38) Carbon Tetrachloride	4.99	117	20123	4.859	ug/l #	15
44) Trichloroethene	6.19	130	46867	15.346	ug/l	99
51) 4-Methyl-2-Pentanone	7.57	43	2047	0.459	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	92894	25.583	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	92894	59.211	ug/l #	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU062718\
Data File : VU025004.D
Acq On : 28 Jun 2018 07:00
Operator : MD/SY
Sample : J3671-12ME 10X
Misc : 5.96g/5mL/100uL/5.00ML/MSVOA_U/MEOH
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-31-33-180621ME

Quant Time: Jun 28 07:51:51 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025004.D

Acq: 28 Jun 2018 07:00

Instrument :

MSVOA_U

ClientSampleId :

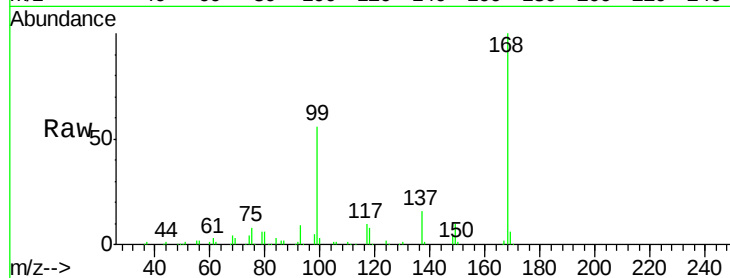
WP021SB478-31-33-180621ME

Tgt Ion:168 Resp: 211417

Ion Ratio Lower Upper

168 100

99 56.4 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU025004.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU025004.D (-1275) (-)

4.99

100000

80000

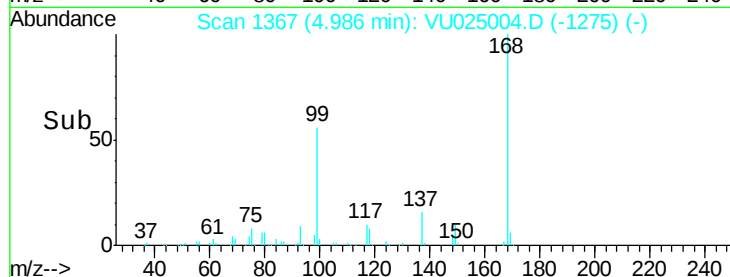
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.202 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025004.D

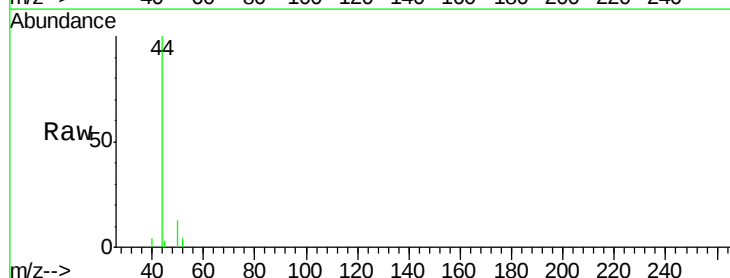
Acq: 28 Jun 2018 07:00

Tgt Ion: 50 Resp: 545

Ion Ratio Lower Upper

50 100

52 30.9 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU025004.D (-137) (-)

Ion 51.90 (51.60 to 52.60): VU025004.D (-137) (-)

1.33

600

500

400

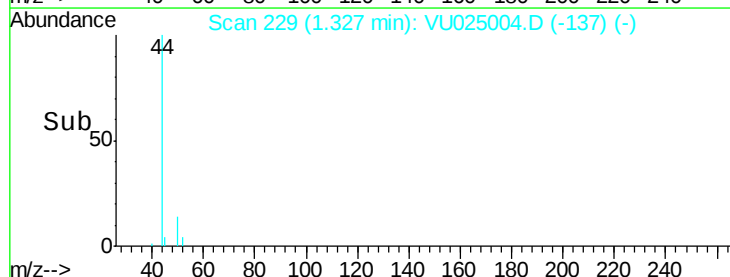
300

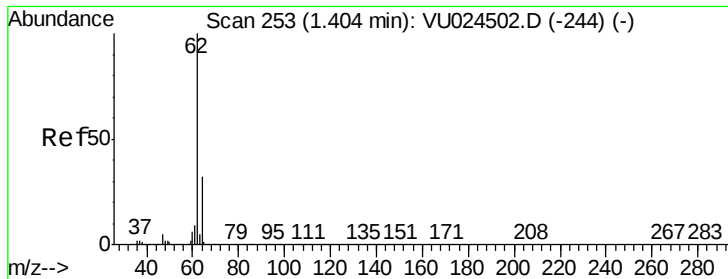
200

100

0

Time-->





#4

Vinyl Chloride

Concen: 0.298 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025004.D

Acq: 28 Jun 2018 07:00

Instrument :

MSVOA_U

ClientSampleId :

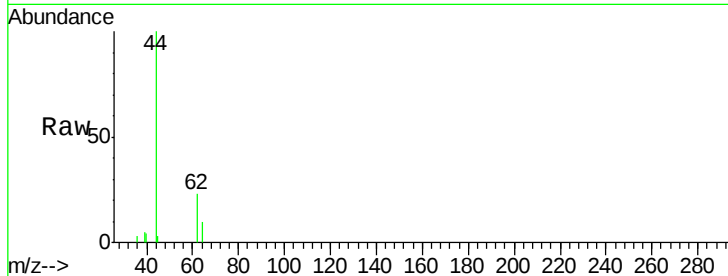
WP021SB478-31-33-180621ME

Tgt Ion: 62 Resp: 832

Ion Ratio Lower Upper

62 100

64 44.6 24.8 37.2#



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

1.40

800

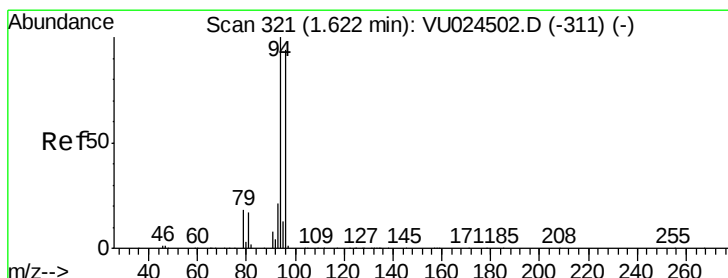
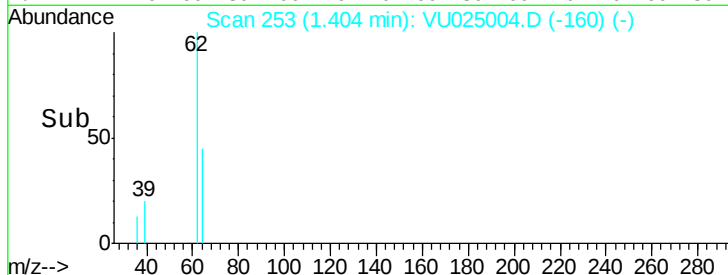
600

400

200

0

Time-->



#5

Bromomethane

Concen: 0.402 ug/l

RT: 1.61 min Scan# 318

Delta R.T. -0.01 min

Lab File: VU025004.D

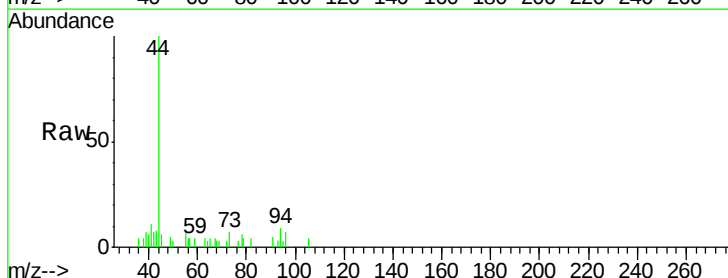
Acq: 28 Jun 2018 07:00

Tgt Ion: 94 Resp: 542

Ion Ratio Lower Upper

94 100

96 53.7 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

1.61

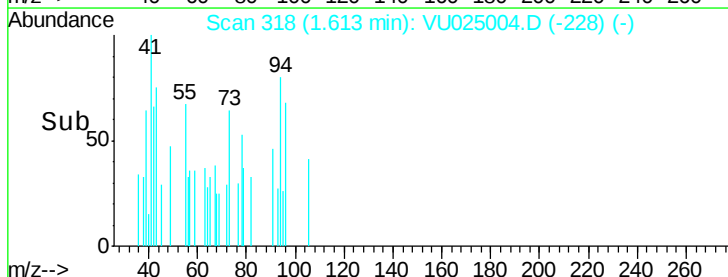
300

200

100

0

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.67 min Scan# 337

Delta R.T. -0.02 min

Lab File: VU025004.D

Acq: 28 Jun 2018 07:00

Instrument :

MSVOA_U

ClientSampleId :

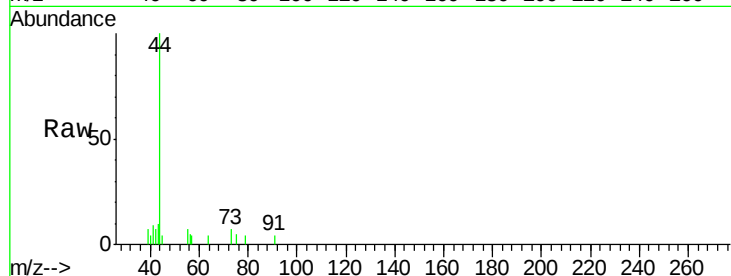
WP021SB478-31-33-180621ME

Tgt Ion: 64 Resp: 150

Ion Ratio Lower Upper

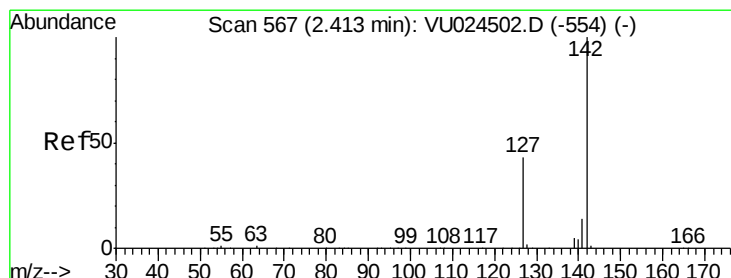
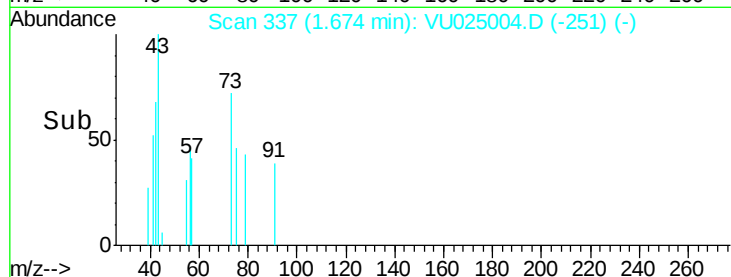
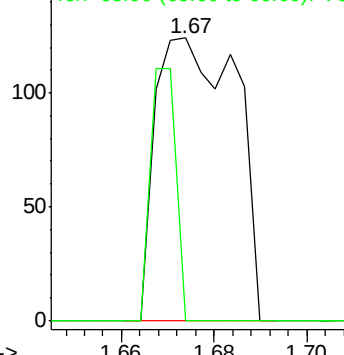
64 100

66 0.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



#10

Methyl Iodide

Concen: 5.333 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025004.D

Acq: 28 Jun 2018 07:00

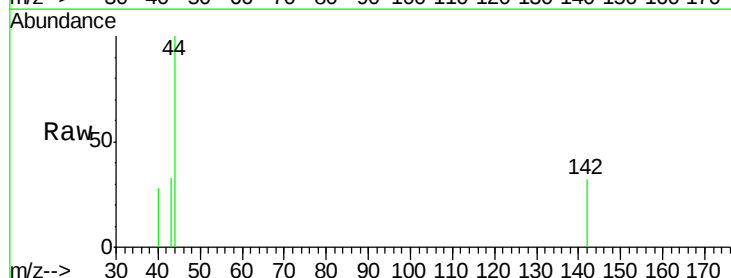
Tgt Ion: 142 Resp: 112

Ion Ratio Lower Upper

142 100

127 0.0 35.6 53.4#

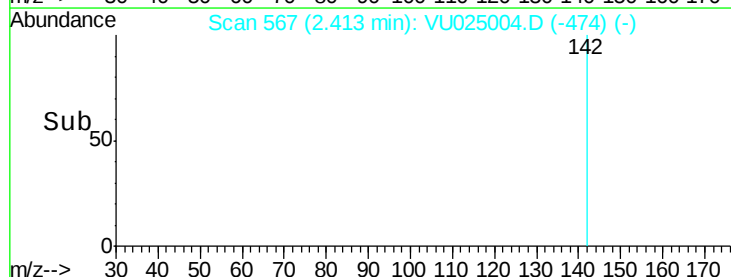
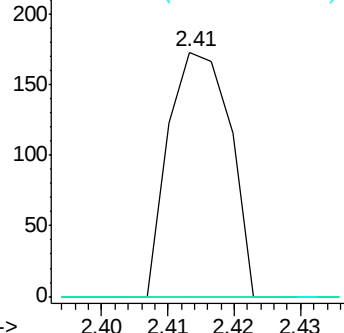
141 0.0 11.7 17.5#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

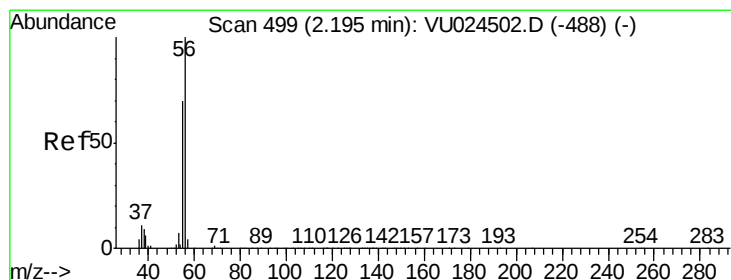
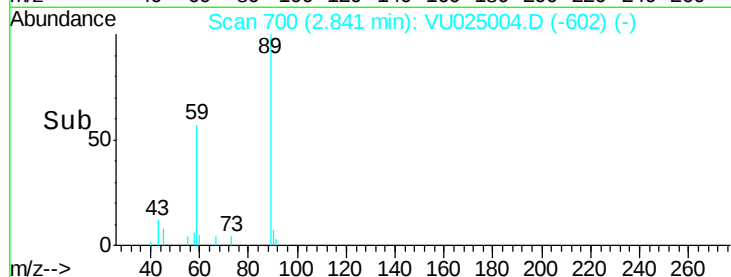
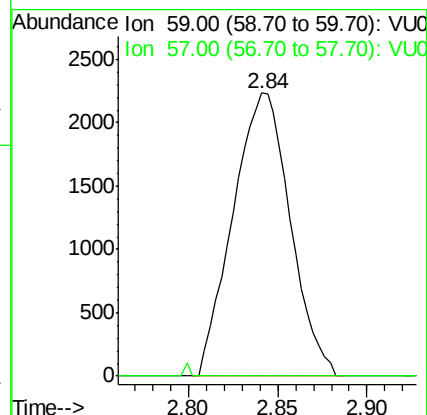
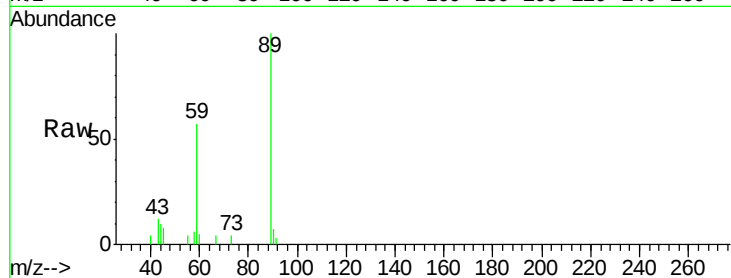




#11
Tert butyl alcohol
Concen: 5.964 ug/l
RT: 2.84 min Scan# 700
Delta R.T. 0.02 min
Lab File: VU025004.D
Acq: 28 Jun 2018 07:00

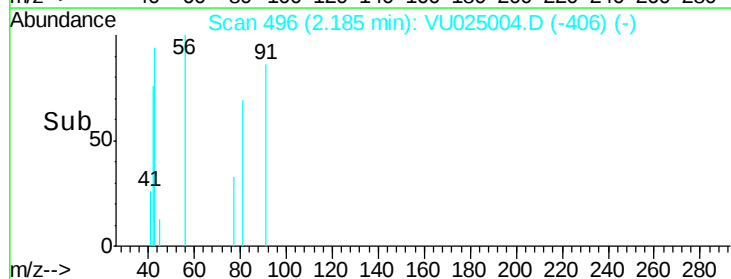
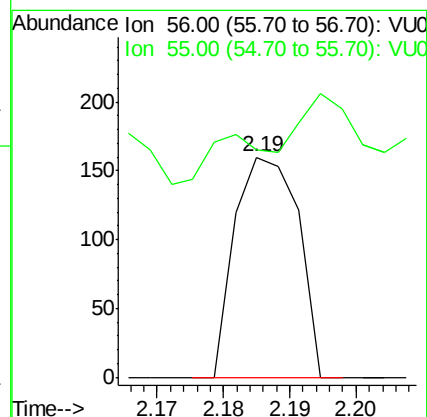
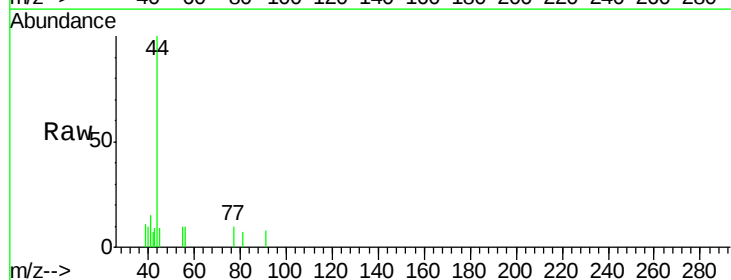
Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-31-33-180621ME

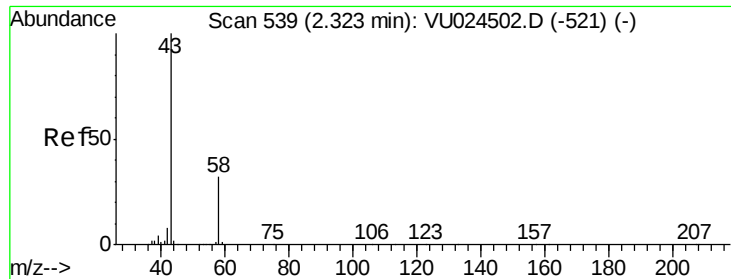
Tgt Ion: 59 Resp: 5006
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#13
Acrolein
Concen: 0.243 ug/l
RT: 2.19 min Scan# 496
Delta R.T. -0.01 min
Lab File: VU025004.D
Acq: 28 Jun 2018 07:00

Tgt Ion: 56 Resp: 107
Ion Ratio Lower Upper
56 100
55 0.0 58.4 87.6#





#16

Acetone

Concen: 0.346 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025004.D

Acq: 28 Jun 2018 07:00

Instrument :

MSVOA_U

ClientSampleId :

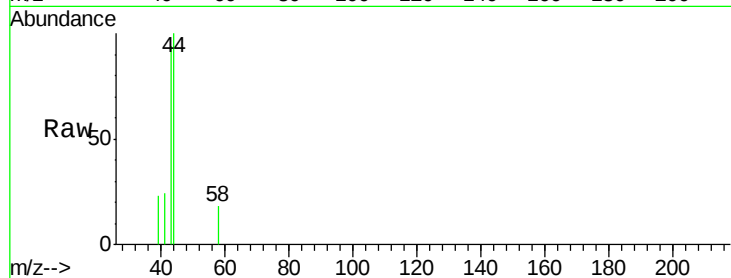
WP021SB478-31-33-180621ME

Tgt Ion: 43 Resp: 641

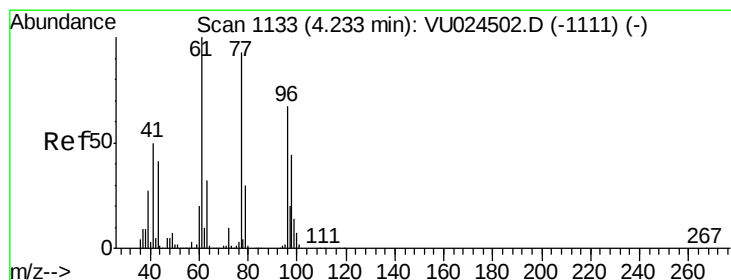
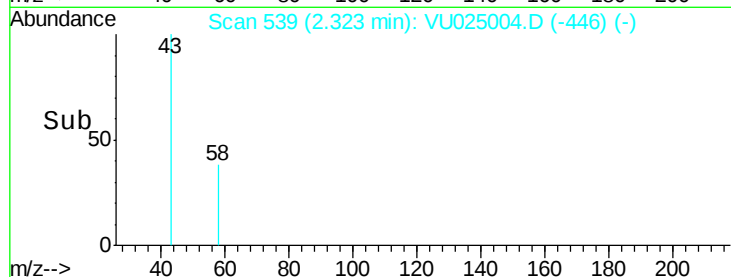
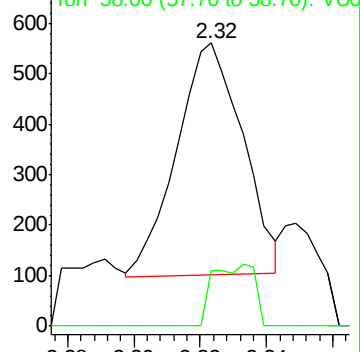
Ion Ratio Lower Upper

43 100

58 23.9 24.4 36.6#



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-521) (-)



#27

cis-1,2-Dichloroethene

Concen: 5.060 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025004.D

Acq: 28 Jun 2018 07:00

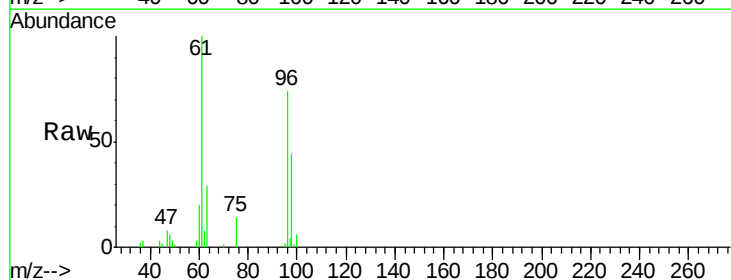
Tgt Ion: 96 Resp: 15424

Ion Ratio Lower Upper

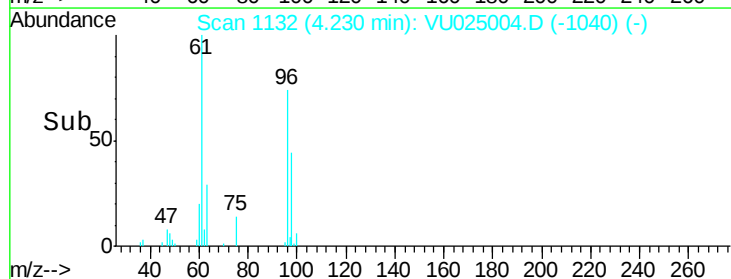
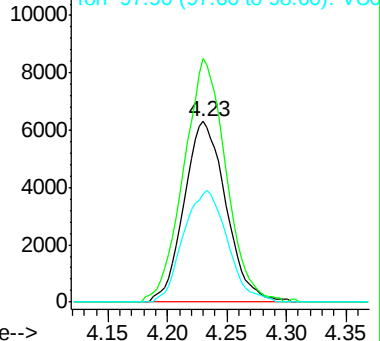
96 100

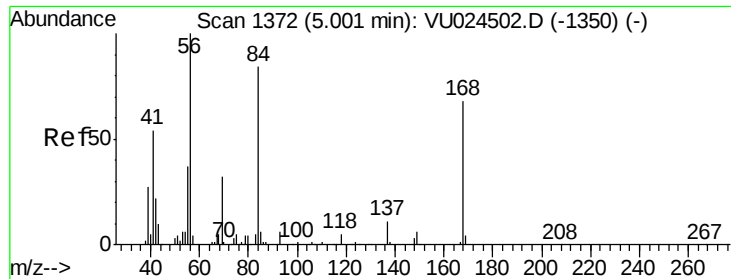
61 135.6 0.0 306.6

98 64.5 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU024502.D (-1111) (-)

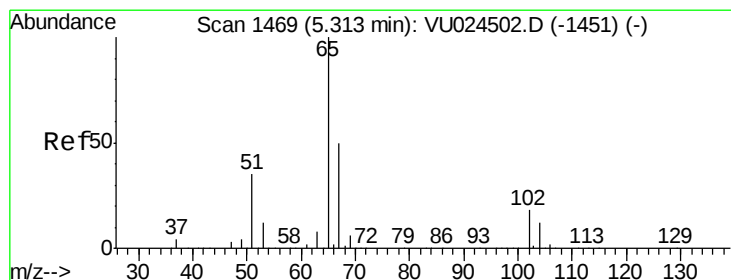
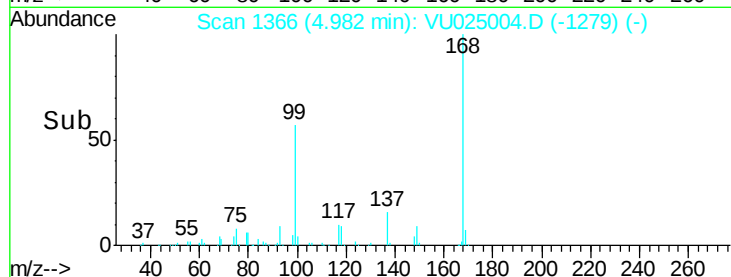
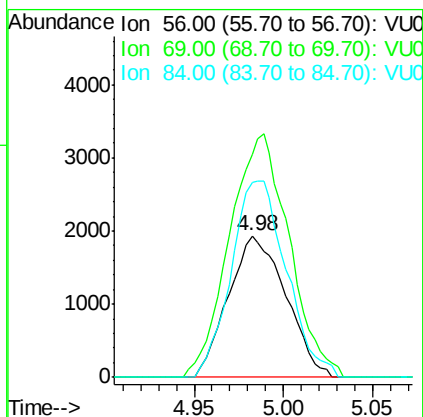
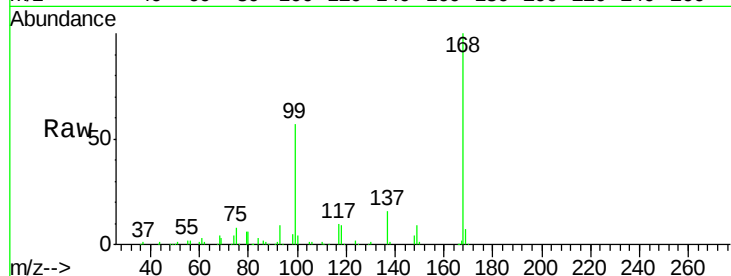




#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1366
Delta R.T. -0.02 min
Lab File: VU025004.D
Acq: 28 Jun 2018 07:00

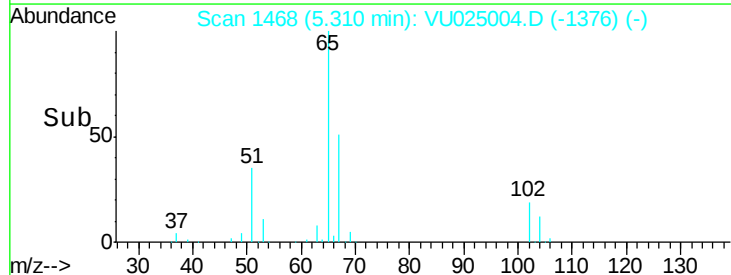
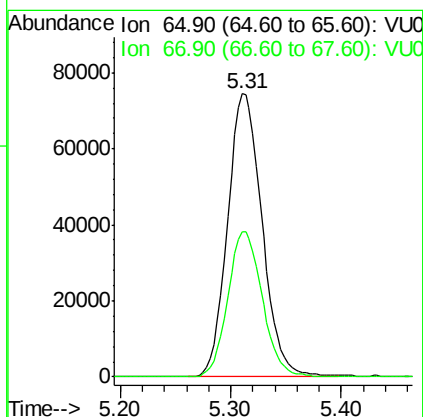
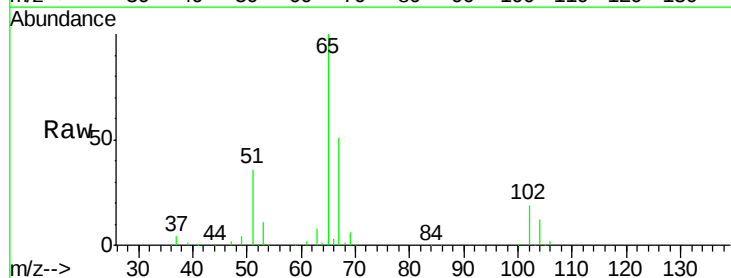
Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-31-33-180621ME

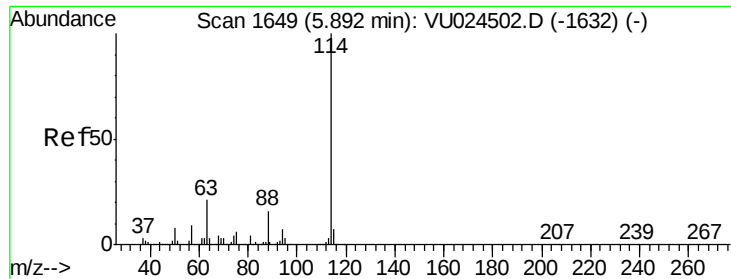
Tgt Ion: 56 Resp: 4349
Ion Ratio Lower Upper
56 100
69 151.4 24.8 37.2#
84 138.1 65.2 97.8#



#33
1,2-Dichloroethane-d4
Concen: 46.837 ug/l
RT: 5.31 min Scan# 1468
Delta R.T. -0.00 min
Lab File: VU025004.D
Acq: 28 Jun 2018 07:00

Tgt Ion: 65 Resp: 161653
Ion Ratio Lower Upper
65 100
67 51.1 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU025004.D

Acq: 28 Jun 2018 07:00

Instrument :

MSVOA_U

ClientSampleId :

WP021SB478-31-33-180621ME

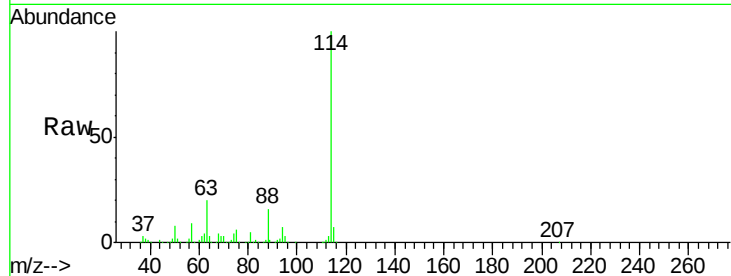
Tgt Ion:114 Resp: 320488

Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.4

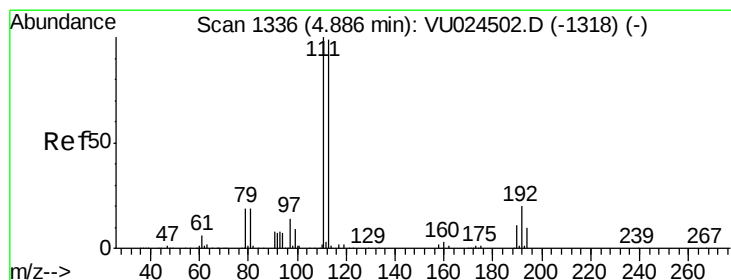
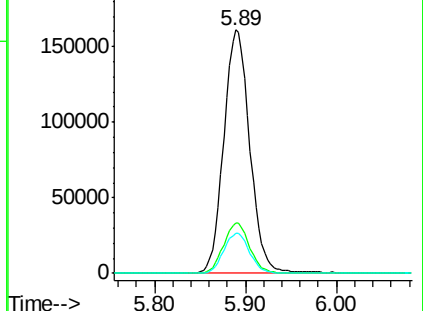
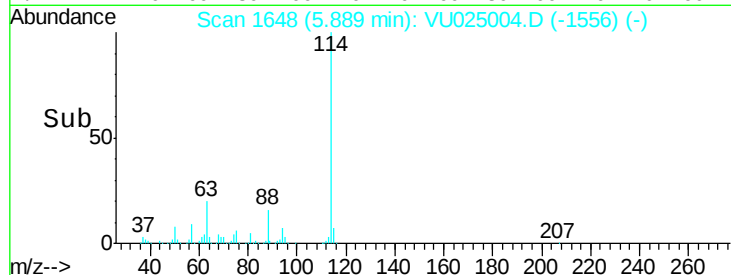
88 16.4 0.0 31.0



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: 46.895 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU025004.D

Acq: 28 Jun 2018 07:00

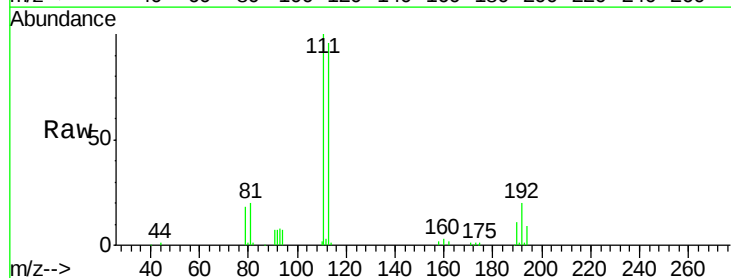
Tgt Ion:113 Resp: 124732

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

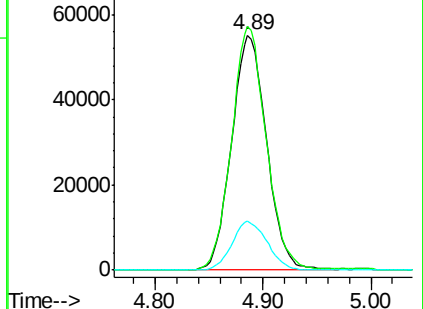
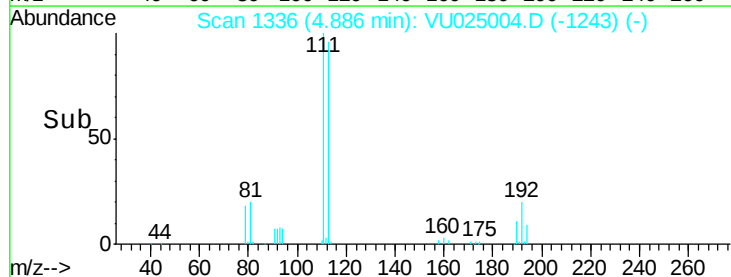
192 21.0 16.2 24.4

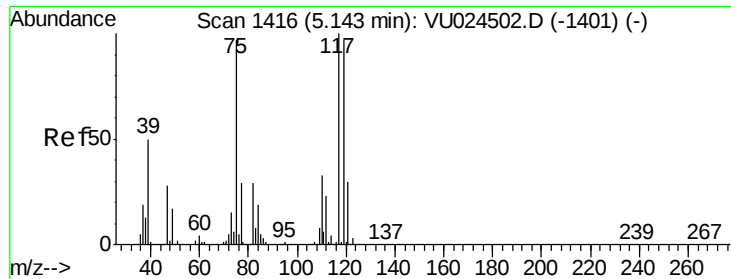


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.066 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.16 min

Lab File: VU025004.D

Acq: 28 Jun 2018 07:00

Instrument :

MSVOA_U

ClientSampleId :

WP021SB478-31-33-180621ME

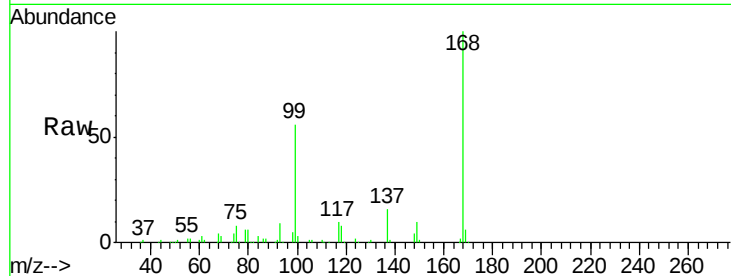
Tgt Ion: 75 Resp: 15312

Ion Ratio Lower Upper

75 100

110 8.9 17.0 50.9#

77 0.0 24.2 36.4#

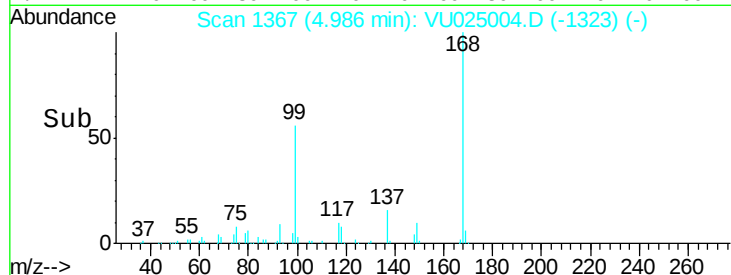


Abundance Ion 74.90 (74.60 to 75.60): VU025004.D (-1367) (-)

Ion 109.90 (109.60 to 110.60): VU025004.D (-1367) (-)

Ion 76.90 (76.60 to 77.60): VU025004.D (-1367) (-)

Time-->



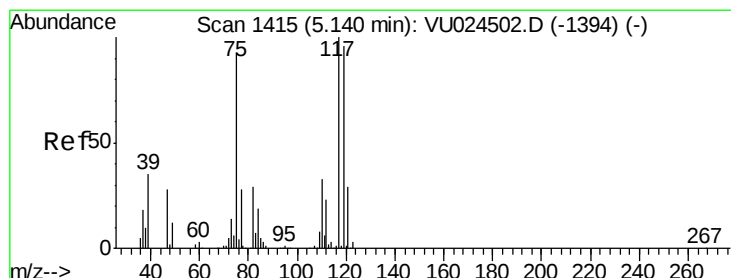
Abundance

Ion 74.90 (74.60 to 75.60): VU025004.D (-1367) (-)

Ion 109.90 (109.60 to 110.60): VU025004.D (-1367) (-)

Ion 76.90 (76.60 to 77.60): VU025004.D (-1367) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 4.859 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.15 min

Lab File: VU025004.D

Acq: 28 Jun 2018 07:00

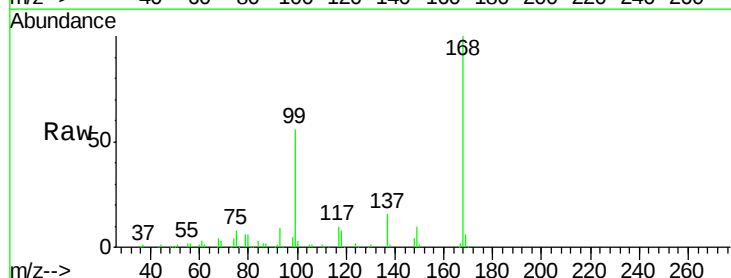
Tgt Ion: 117 Resp: 20123

Ion Ratio Lower Upper

117 100

119 4.0 76.1 114.1#

121 0.0 23.7 35.5#

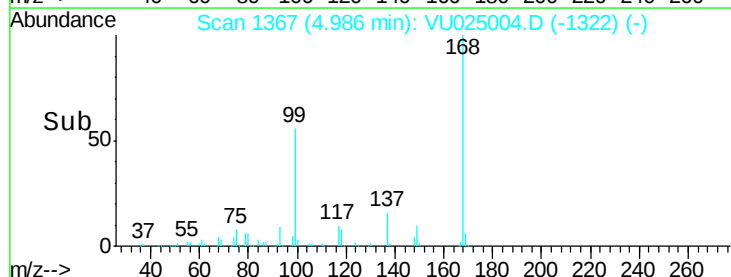


Abundance Ion 116.80 (116.50 to 117.50): VU025004.D (-1367) (-)

Ion 118.80 (118.50 to 119.50): VU025004.D (-1367) (-)

Ion 120.80 (120.50 to 121.50): VU025004.D (-1367) (-)

Time-->



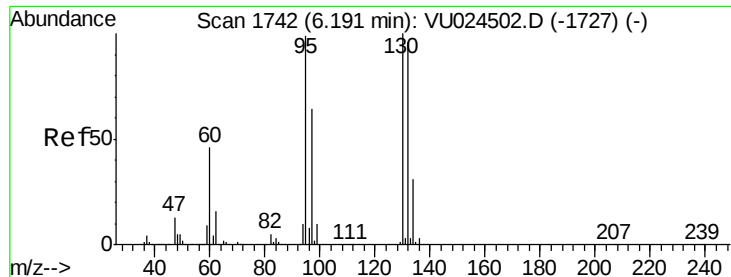
Abundance

Ion 116.80 (116.50 to 117.50): VU025004.D (-1367) (-)

Ion 118.80 (118.50 to 119.50): VU025004.D (-1367) (-)

Ion 120.80 (120.50 to 121.50): VU025004.D (-1367) (-)

Time-->



#44

Trichloroethene

Concen: 15.346 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025004.D

Acq: 28 Jun 2018 07:00

Instrument :

MSVOA_U

ClientSampleId :

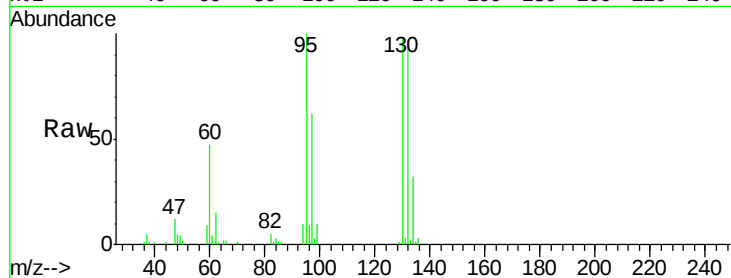
WP021SB478-31-33-180621ME

Tgt Ion:130 Resp: 46867

Ion Ratio Lower Upper

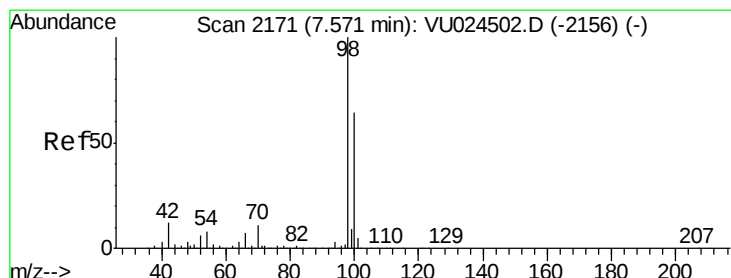
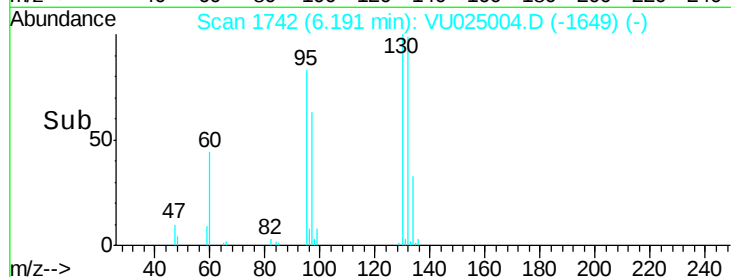
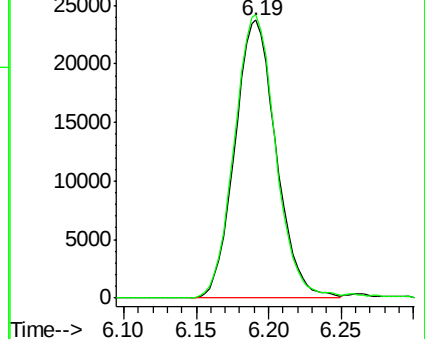
130 100

95 101.9 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): VU024502.D (-1727) (-)

Ion 94.90 (94.60 to 95.60): VU024502.D (-1727) (-)



#50

Toluene-d8

Concen: 47.632 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025004.D

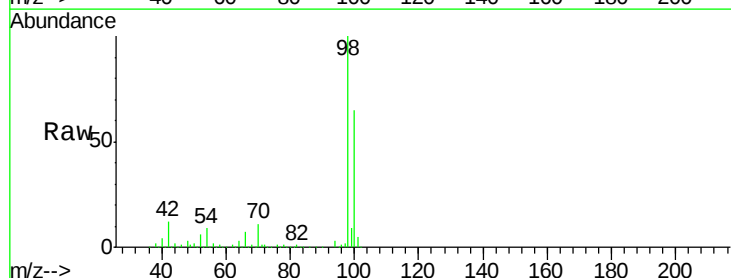
Acq: 28 Jun 2018 07:00

Tgt Ion: 98 Resp: 462125

Ion Ratio Lower Upper

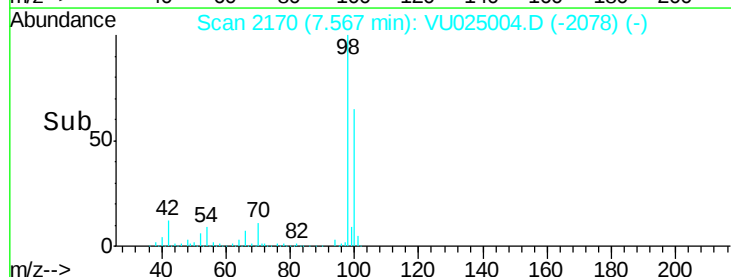
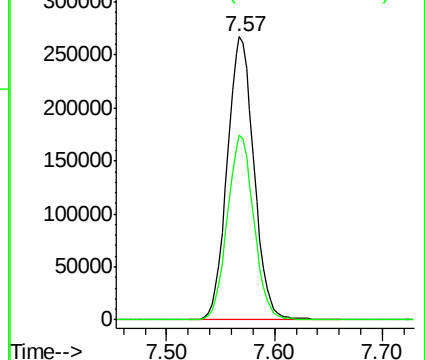
98 100

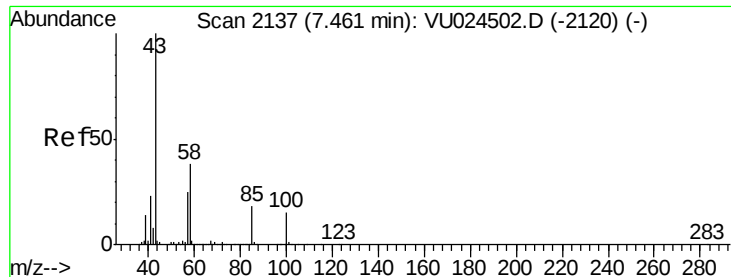
100 64.5 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU024502.D (-2156) (-)

Ion 100.00 (99.70 to 100.70): VU024502.D (-2156) (-)





#51

4-Methyl-2-Pentanone

Concen: 0.459 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.11 min

Lab File: VU025004.D

Acq: 28 Jun 2018 07:00

Instrument :

MSVOA_U

ClientSampleId :

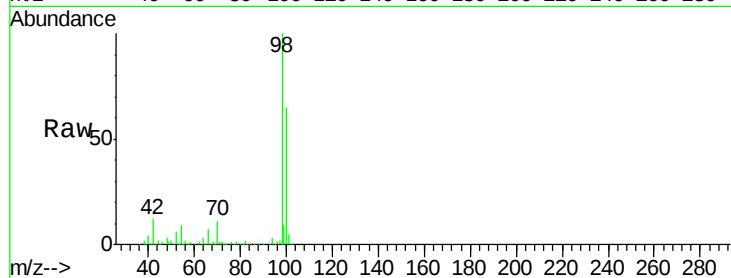
WP021SB478-31-33-180621ME

Tgt Ion: 43 Resp: 2047

Ion Ratio Lower Upper

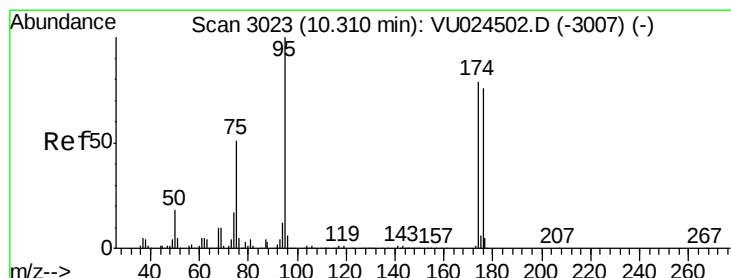
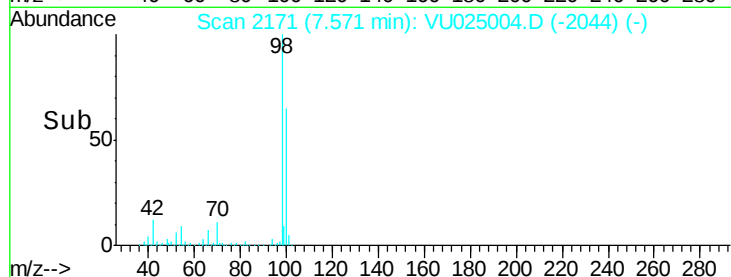
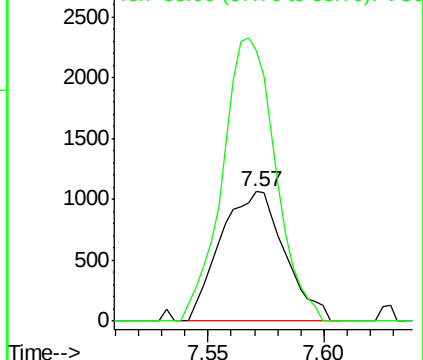
43 100

58 181.1 30.0 45.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#62

4-Bromofluorobenzene

Concen: 46.424 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025004.D

Acq: 28 Jun 2018 07:00

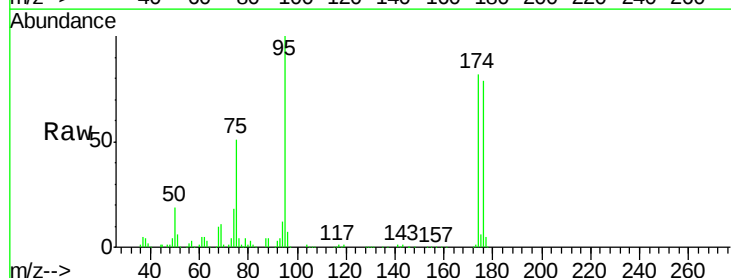
Tgt Ion: 95 Resp: 178826

Ion Ratio Lower Upper

95 100

174 82.7 0.0 165.8

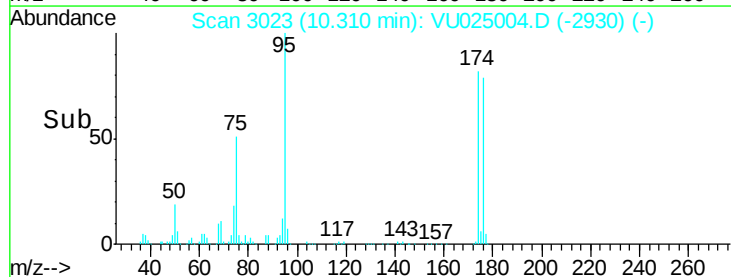
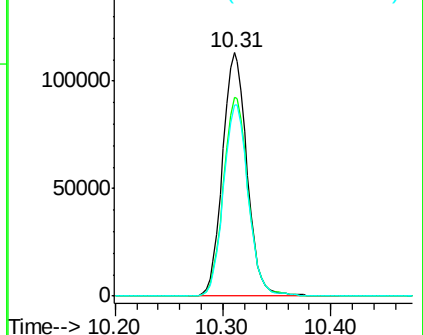
176 79.7 0.0 159.4

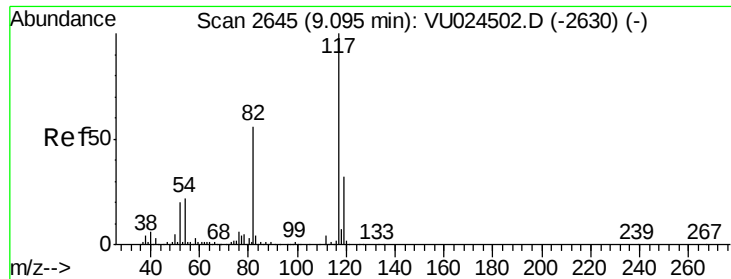


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

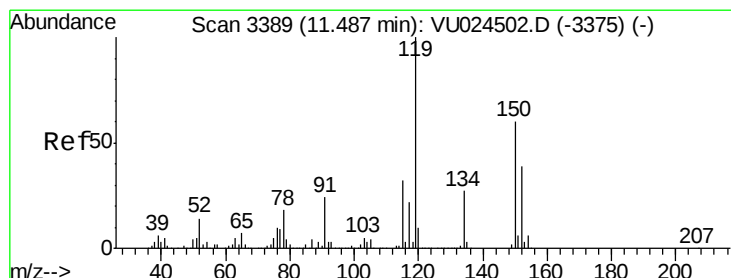
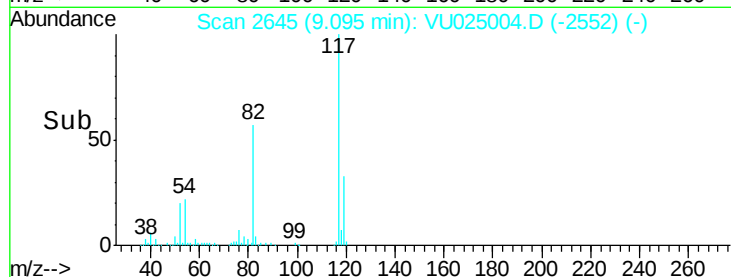
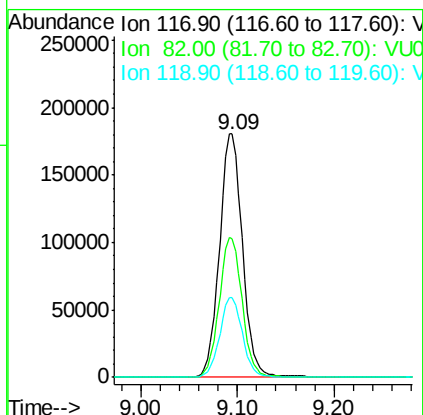
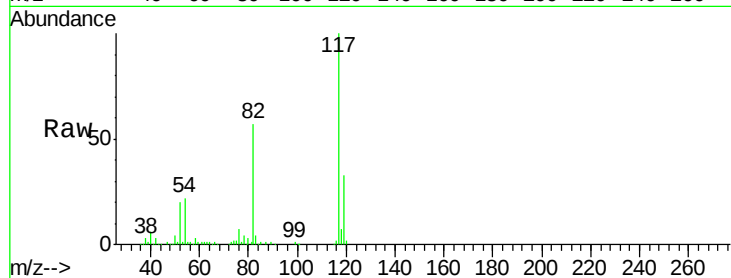




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025004.D
Acq: 28 Jun 2018 07:00

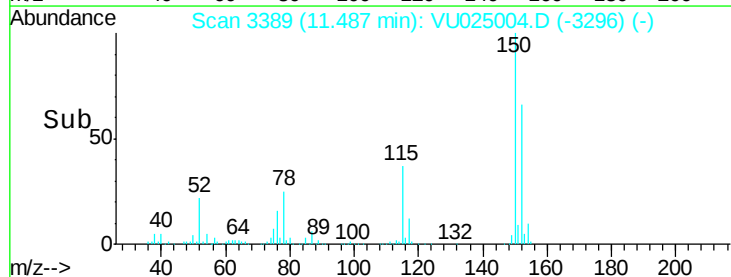
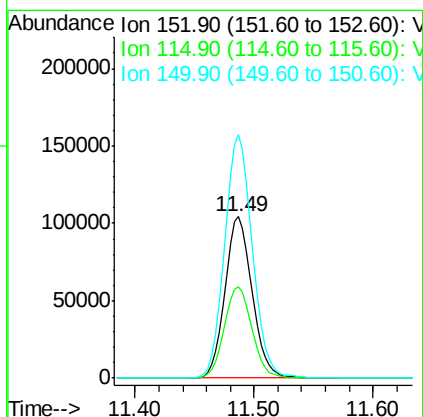
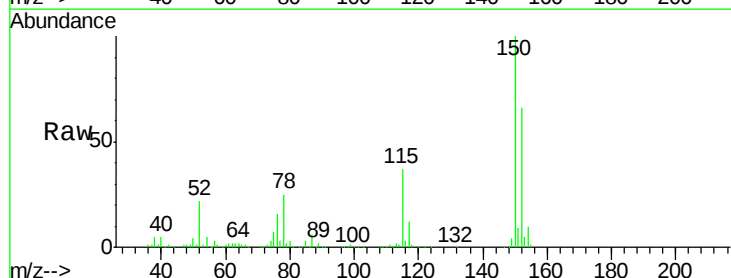
Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-31-33-180621ME

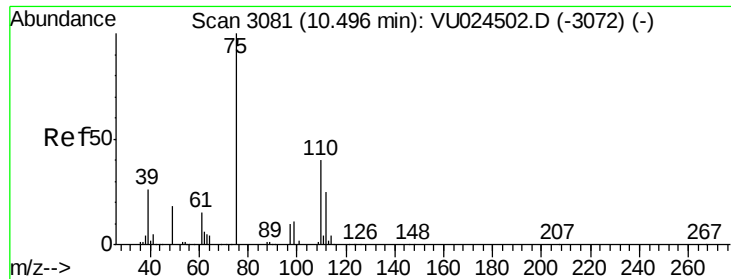
Tgt Ion:117 Resp: 297511
Ion Ratio Lower Upper
117 100
82 56.9 44.3 66.5
119 32.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025004.D
Acq: 28 Jun 2018 07:00

Tgt Ion:152 Resp: 164924
Ion Ratio Lower Upper
152 100
115 57.8 43.0 129.0
150 153.7 0.0 354.0





#76

1,2,3-Trichloropropane

Concen: 25.583 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025004.D

Acq: 28 Jun 2018 07:00

Instrument :

MSVOA_U

ClientSampleId :

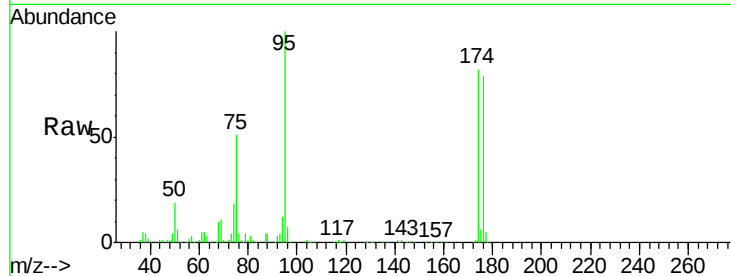
WP021SB478-31-33-180621ME

Tgt Ion: 75 Resp: 92894

Ion Ratio Lower Upper

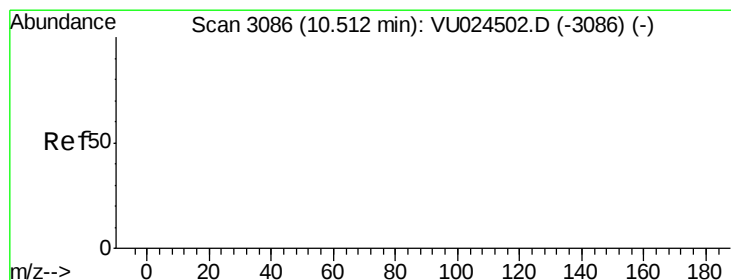
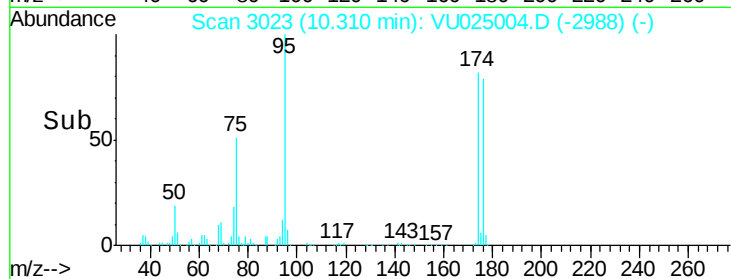
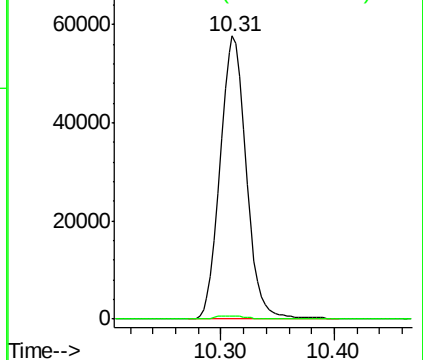
75 100

77 1.2 20.9 62.7#



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: 59.211 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU025004.D

Acq: 28 Jun 2018 07:00

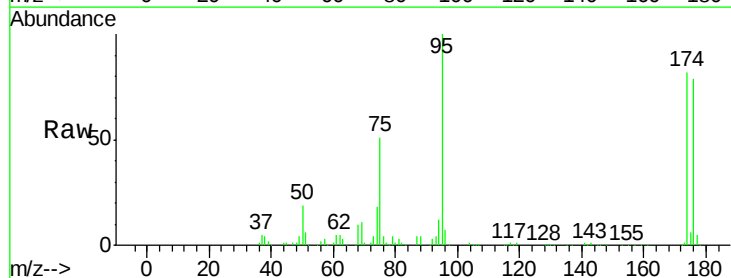
Tgt Ion: 75 Resp: 92894

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

