

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062718\
 Data File : VU024974.D
 Acq On : 27 Jun 2018 18:30
 Operator : MD/SY
 Sample : J3669-31ME 200X
 Misc : 6.81g/5.0mL/100uL/5.00ML/MSVOA_U/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB474-33-35-180620ME

Quant Time: Jun 28 02:28:04 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

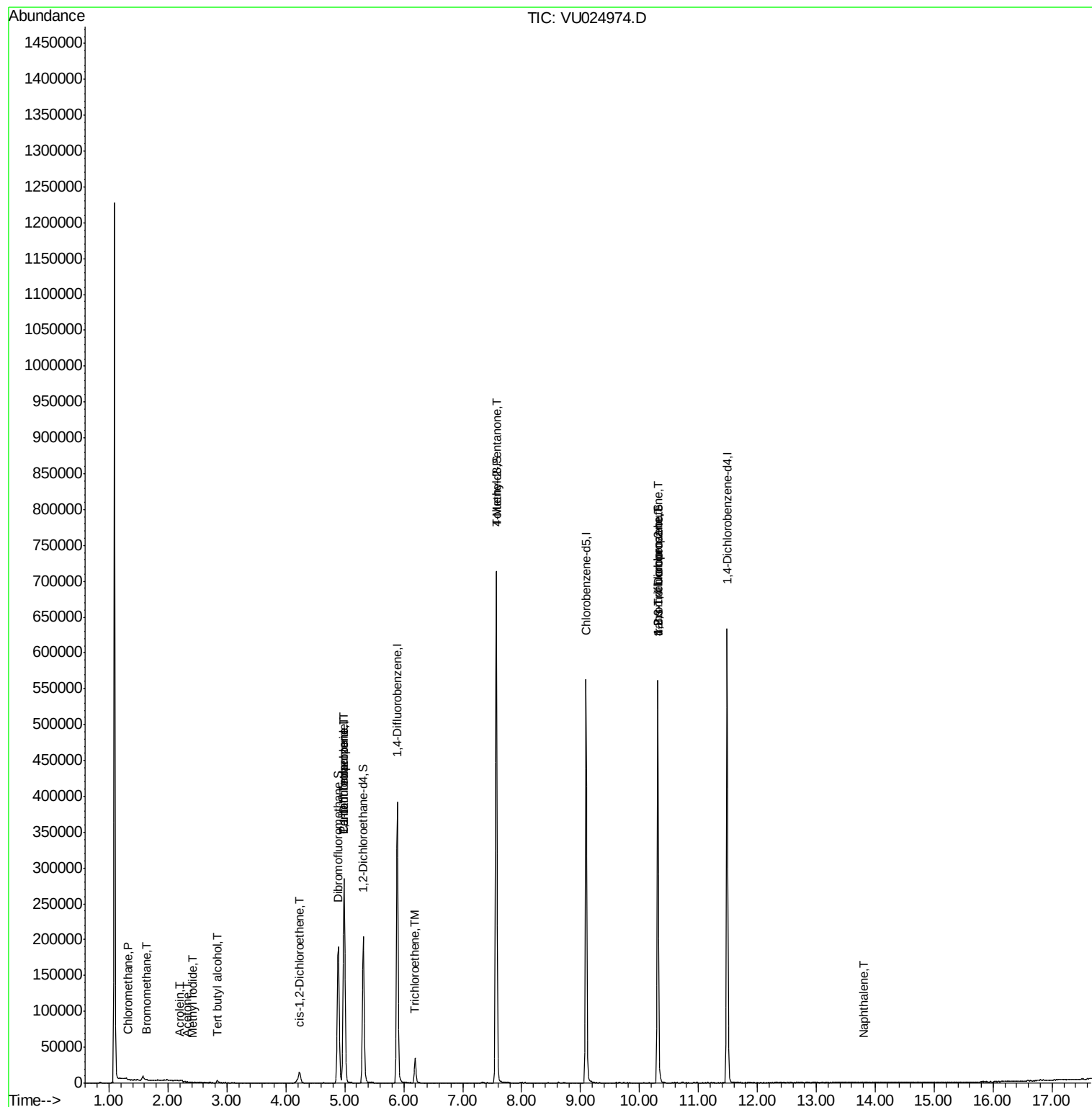
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	219172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	331012	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	308074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	166227	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	165131	46.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.30%	
35) Dibromofluoromethane	4.89	113	127750	46.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.00%	
50) Toluene-d8	7.57	98	474450	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
62) 4-Bromofluorobenzene	10.31	95	181707	45.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.34%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	877	0.313	ug/l	91
5) Bromomethane	1.63	94	371	0.266	ug/l	87
6) Chloroethane	1.69	64	41	Below Cal	#	43
10) Methyl Iodide	2.42	142	165	5.352	ug/l #	40
11) Tert butyl alcohol	2.84	59	2068	2.376	ug/l #	72
13) Acrolein	2.19	56	111	0.243	ug/l #	48
16) Acetone	2.32	43	1404	0.730	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	8768	2.775	ug/l	87
31) Cyclohexane	4.99	56	4375	Below Cal	#	1
36) 1,1-Dichloropropene	4.99	75	16273	4.184	ug/l #	46
38) Carbon Tetrachloride	4.99	117	21324	4.985	ug/l #	16
44) Trichloroethene	6.19	130	12581	3.989	ug/l	90
51) 4-Methyl-2-Pentanone	7.57	43	2364	0.513	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	92918	25.389	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	92918	58.762	ug/l #	100
95) Naphthalene	13.80	128	84	0.686	ug/l #	69

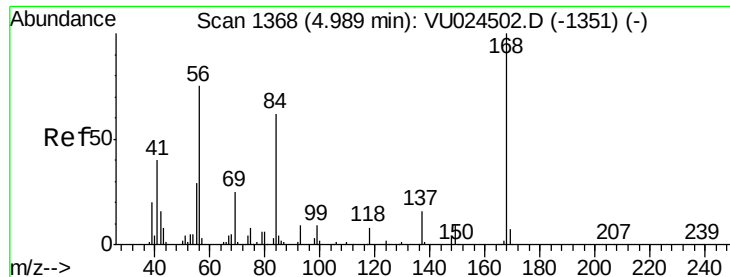
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024974.D

Acq: 27 Jun 2018 18:30

Instrument :

MSVOA_U

ClientSampleId :

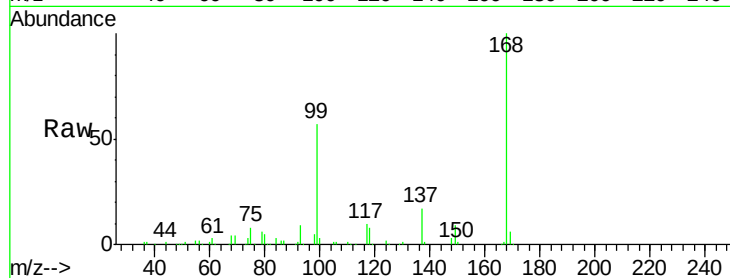
WP021SB474-33-35-180620ME

Tgt Ion:168 Resp: 219172

Ion Ratio Lower Upper

168 100

99 56.9 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D

Ion 98.90 (98.60 to 99.60): VU024502.D

4.99

100000

80000

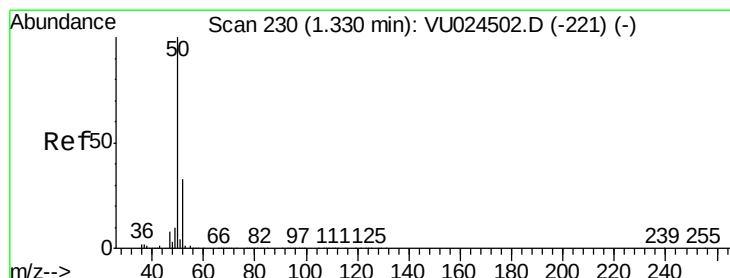
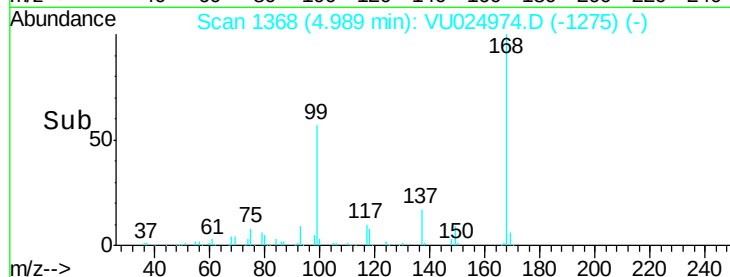
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.313 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU024974.D

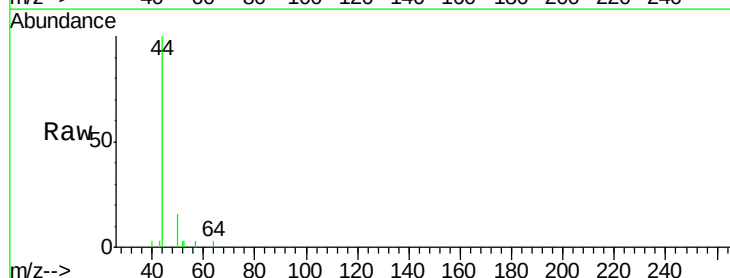
Acq: 27 Jun 2018 18:30

Tgt Ion: 50 Resp: 877

Ion Ratio Lower Upper

50 100

52 37.8 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU024502.D

Ion 51.90 (51.60 to 52.60): VU024502.D

1.33

800

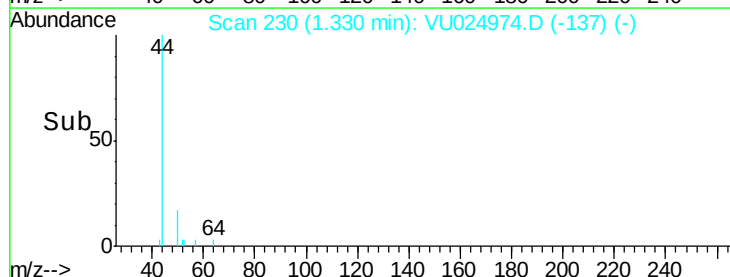
600

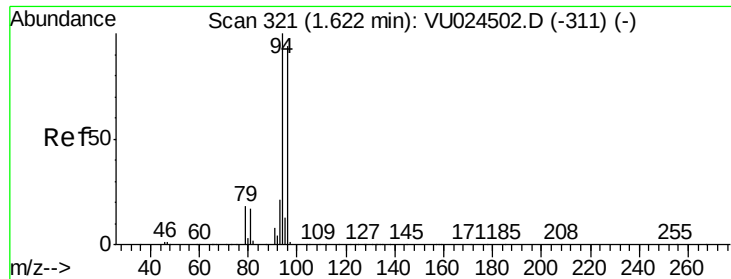
400

200

0

Time-->





#5

Bromomethane

Concen: 0.266 ug/l

RT: 1.63 min Scan# 324

Delta R.T. 0.01 min

Lab File: VU024974.D

Acq: 27 Jun 2018 18:30

Instrument :

MSVOA_U

ClientSampleId :

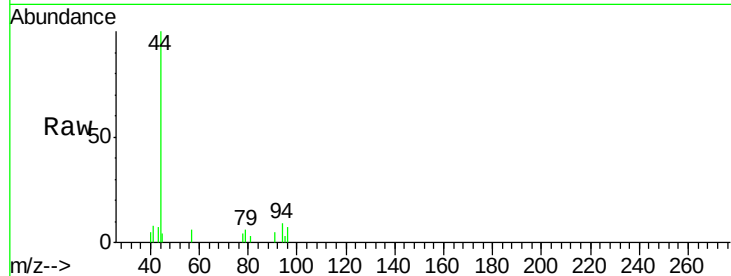
WP021SB474-33-35-180620ME

Tgt Ion: 94 Resp: 371

Ion Ratio Lower Upper

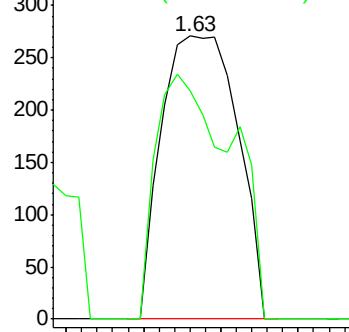
94 100

96 80.4 74.5 111.7

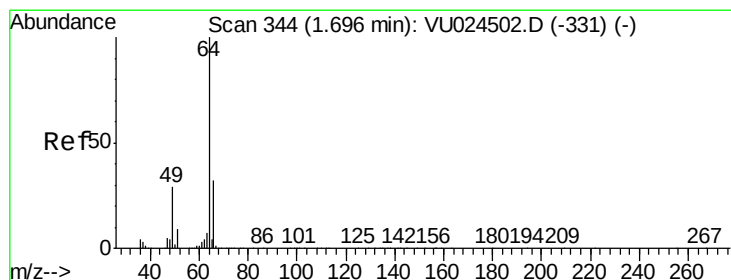
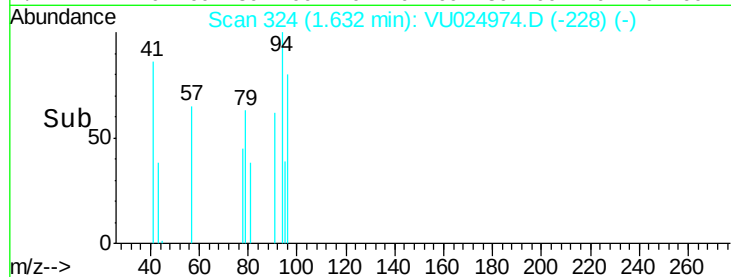


Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.69 min Scan# 341

Delta R.T. -0.01 min

Lab File: VU024974.D

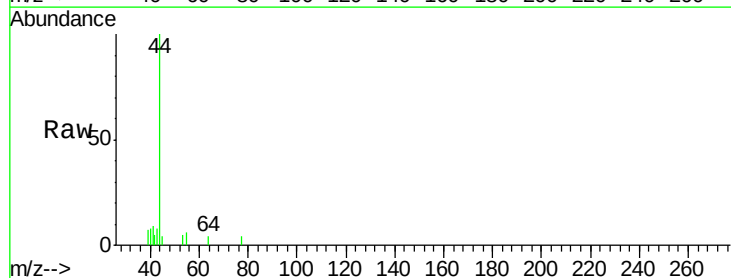
Acq: 27 Jun 2018 18:30

Tgt Ion: 64 Resp: 41

Ion Ratio Lower Upper

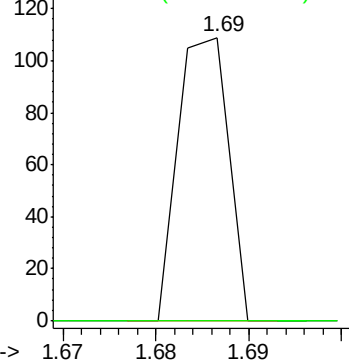
64 100

66 0.0 25.5 38.3#

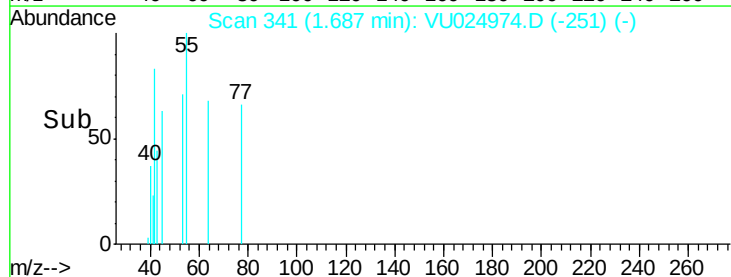


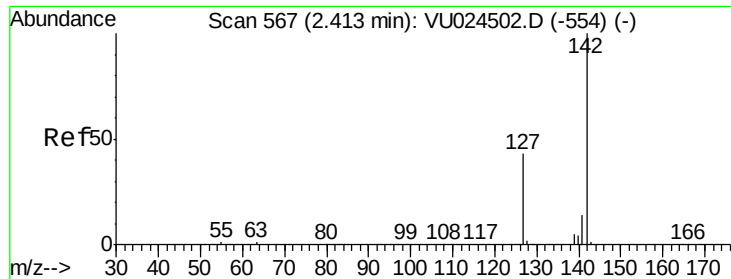
Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



Time-->

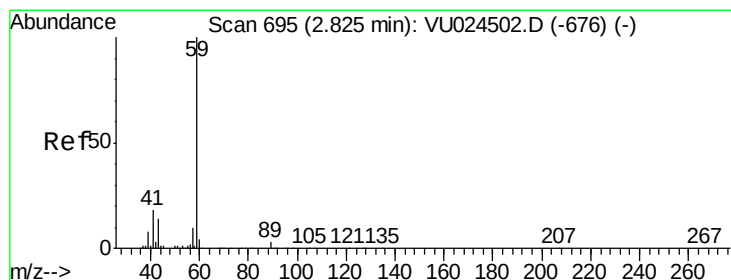
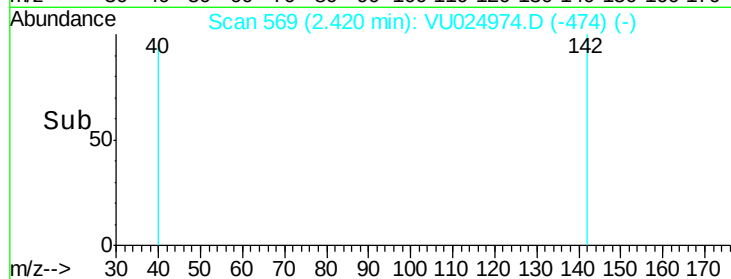
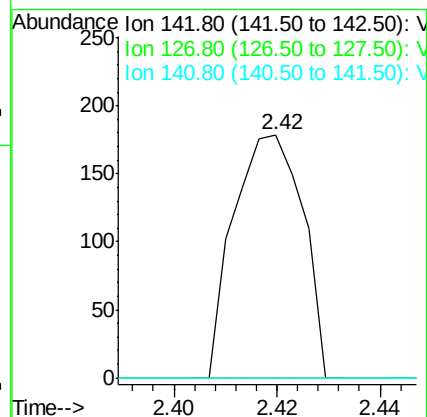
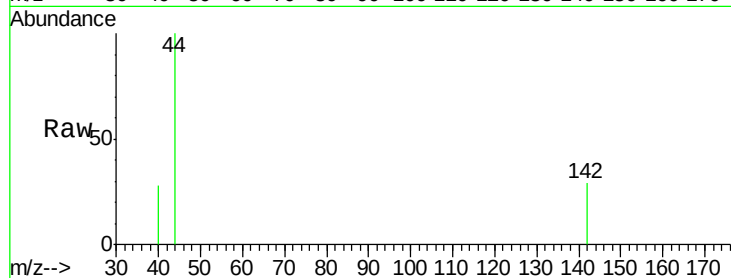




#10
Methyl Iodide
Concen: 5.352 ug/l
RT: 2.42 min Scan# 569
Delta R.T. 0.01 min
Lab File: VU024974.D
Acq: 27 Jun 2018 18:30

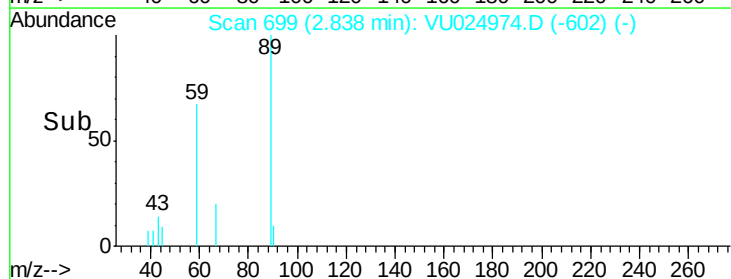
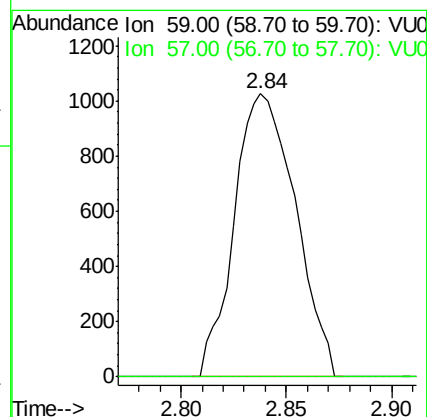
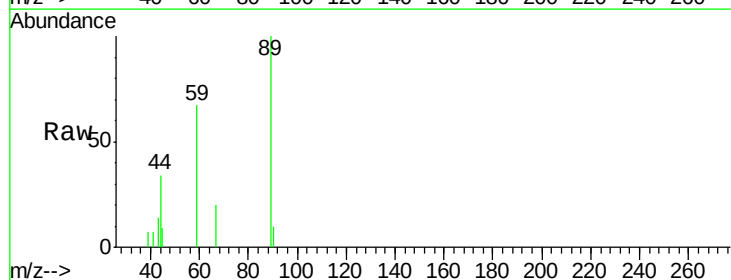
Instrument :
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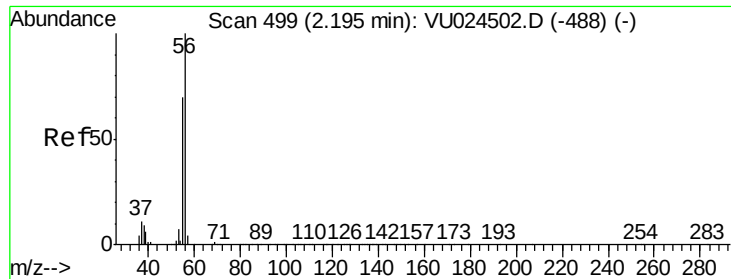
Tgt Ion: 142 Resp: 165
Ion Ratio Lower Upper
142 100
127 0.0 35.6 53.4#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 2.376 ug/l
RT: 2.84 min Scan# 699
Delta R.T. 0.01 min
Lab File: VU024974.D
Acq: 27 Jun 2018 18:30

Tgt Ion: 59 Resp: 2068
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

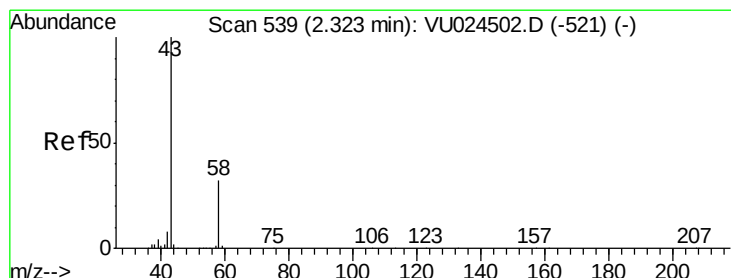
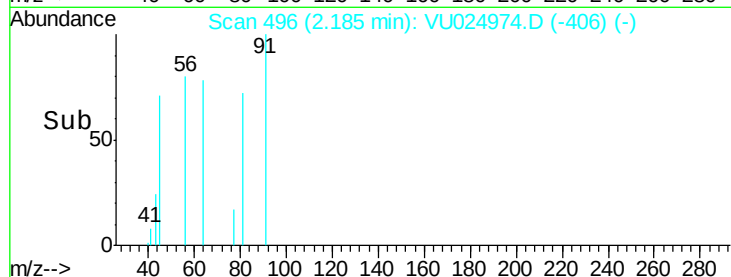
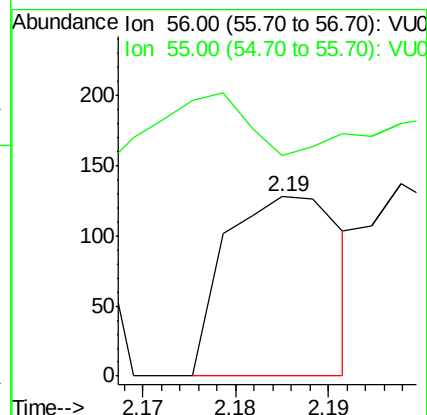
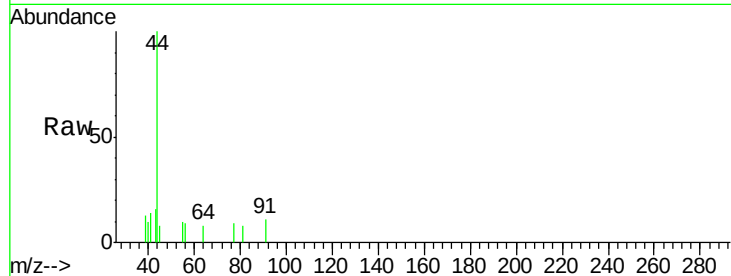




#13
Acrolein
Concen: 0.243 ug/l
RT: 2.19 min Scan# 496
Delta R.T. -0.01 min
Lab File: VU024974.D
Acq: 27 Jun 2018 18:30

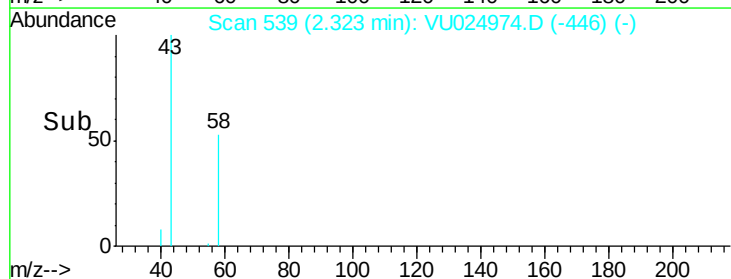
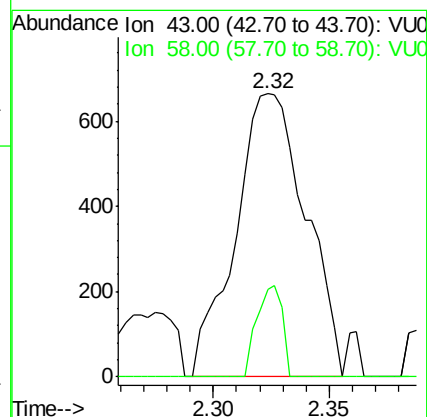
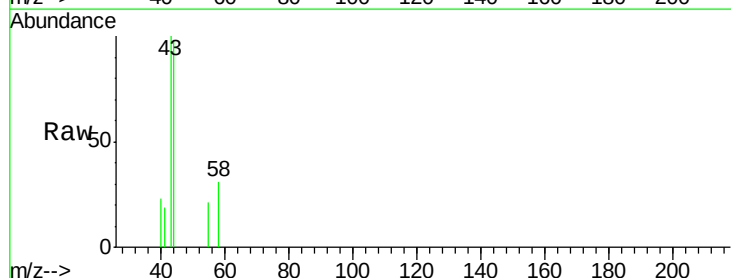
Instrument :
MSVOA_U
ClientSampleId :
WP021SB474-33-35-180620ME

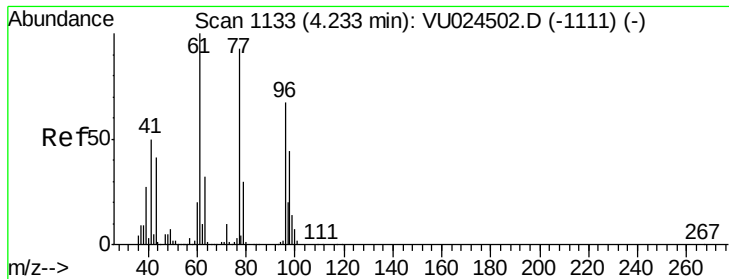
Tgt Ion: 56 Resp: 111
Ion Ratio Lower Upper
56 100
55 29.7 58.4 87.6#



#16
Acetone
Concen: 0.730 ug/l
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU024974.D
Acq: 27 Jun 2018 18:30

Tgt Ion: 43 Resp: 1404
Ion Ratio Lower Upper
43 100
58 30.9 24.4 36.6





#27

cis-1,2-Dichloroethene

Concen: 2.775 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU024974.D

Acq: 27 Jun 2018 18:30

Instrument :

MSVOA_U

ClientSampleId :

WP021SB474-33-35-180620ME

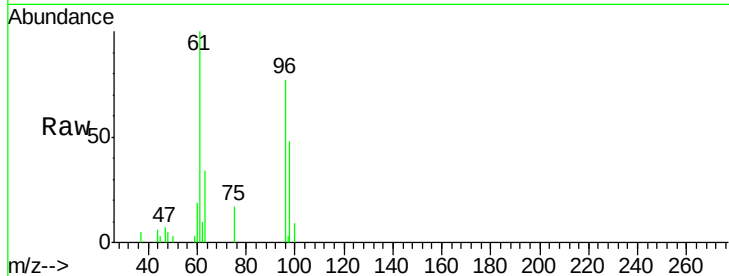
Tgt Ion: 96 Resp: 8768

Ion Ratio Lower Upper

96 100

61 130.3 0.0 306.6

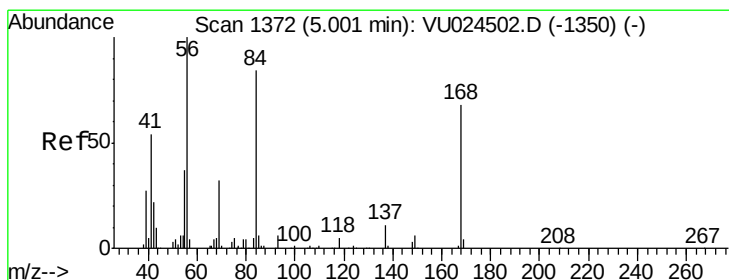
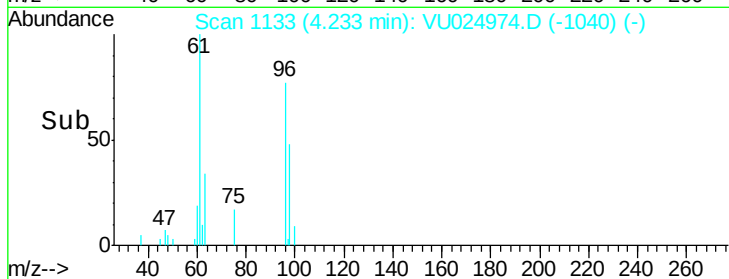
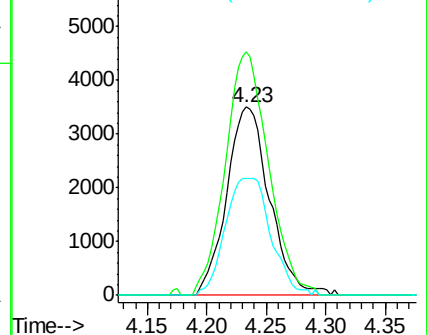
98 65.9 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#31

Cyclohexane

Concen: Below Cal

RT: 4.99 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VU024974.D

Acq: 27 Jun 2018 18:30

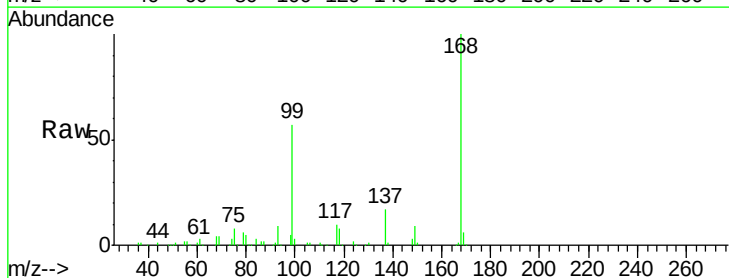
Tgt Ion: 56 Resp: 4375

Ion Ratio Lower Upper

56 100

69 193.0 24.8 37.2#

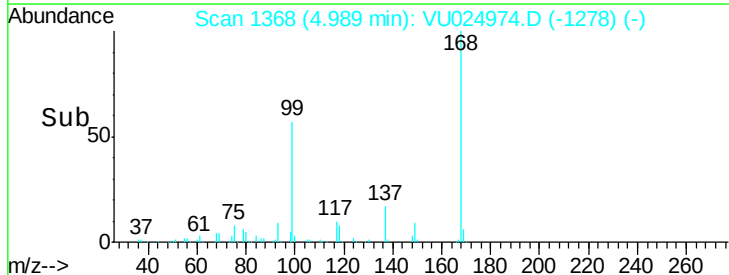
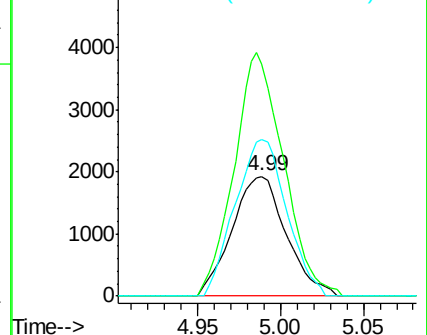
84 130.7 65.2 97.8#

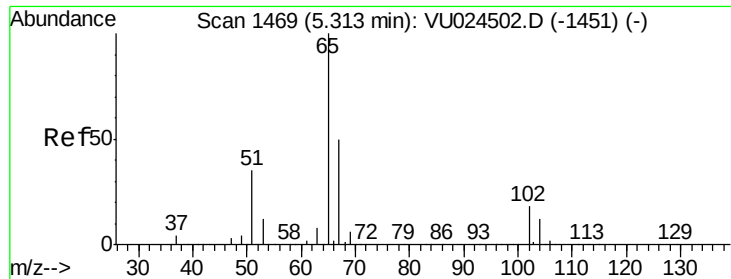


Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0

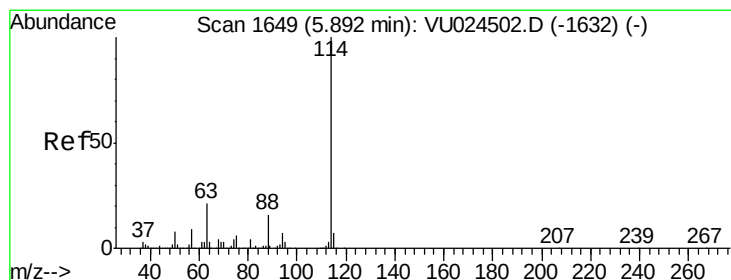
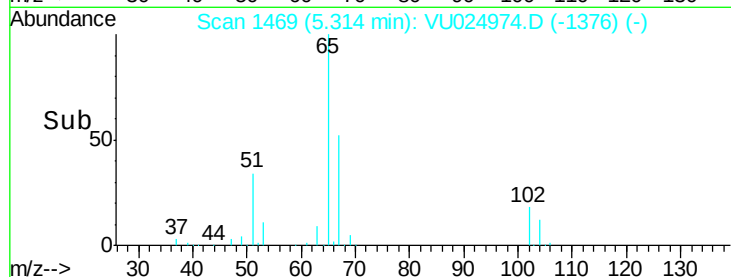
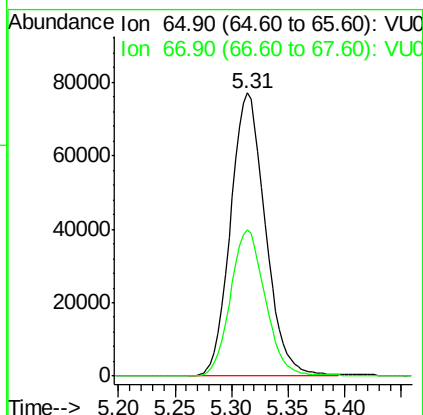
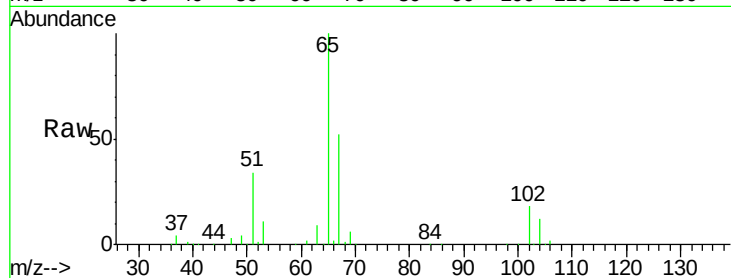




#33
 1,2-Dichloroethane-d4
 Concen: 46.151 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024974.D
 Acq: 27 Jun 2018 18:30

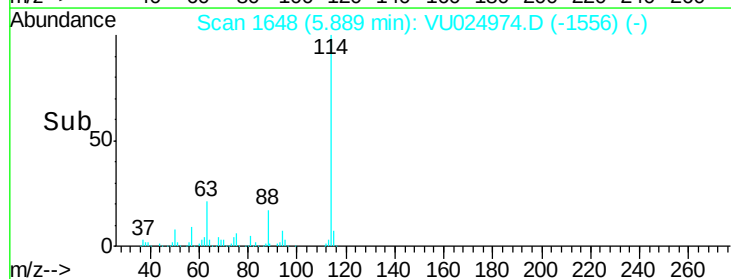
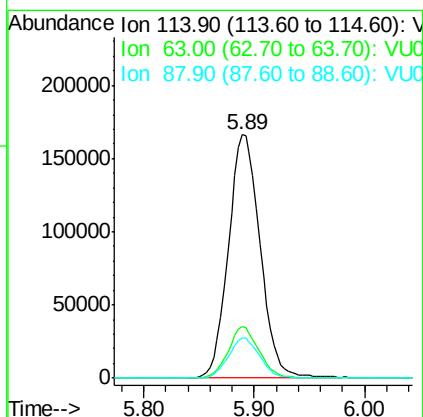
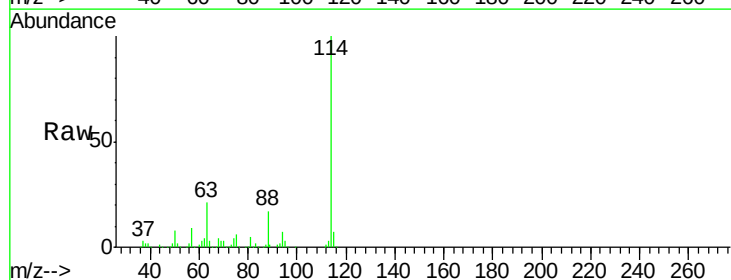
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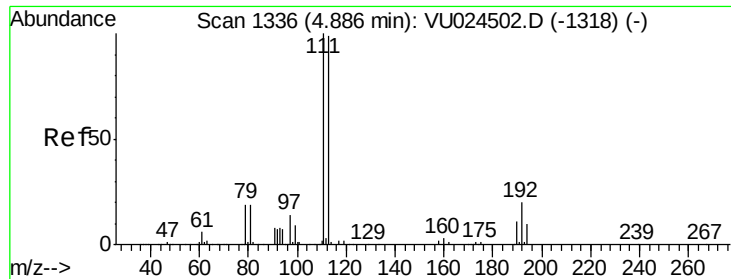
Tgt Ion: 65 Resp: 165131
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024974.D
 Acq: 27 Jun 2018 18:30

Tgt Ion: 114 Resp: 331012
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 45.4
 88 16.6 0.0 31.0

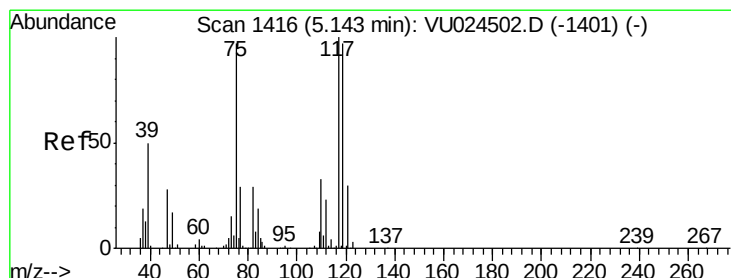
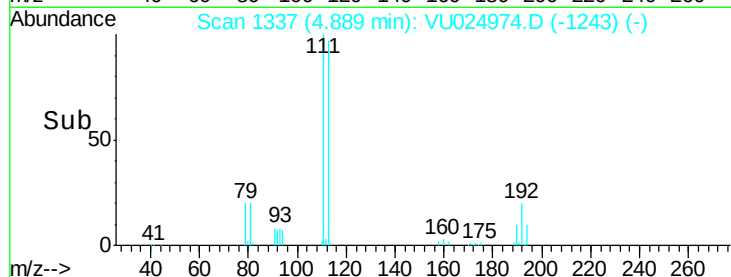
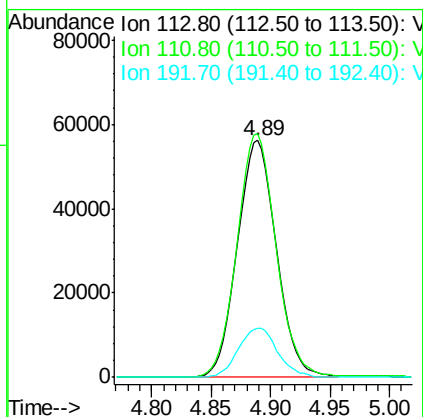
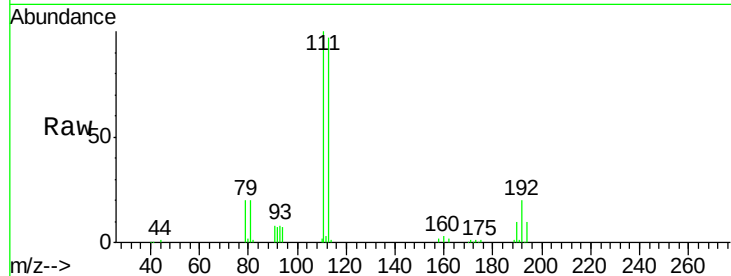




#35
 Dibromofluoromethane
 Concen: 46.503 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024974.D
 Acq: 27 Jun 2018 18:30

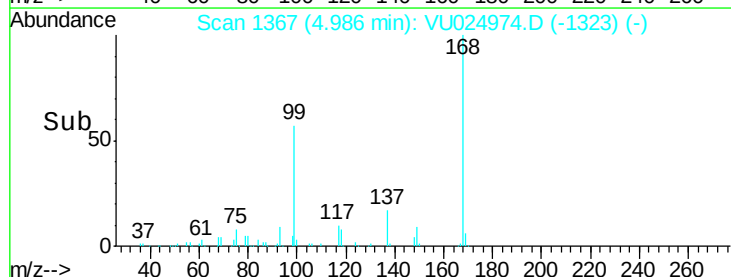
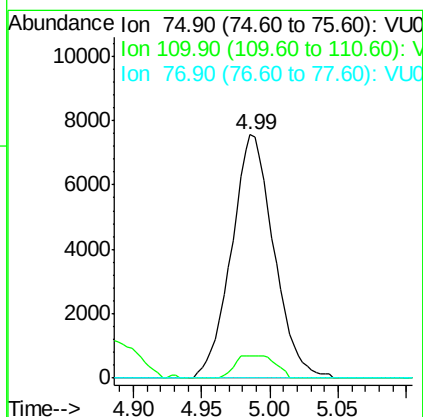
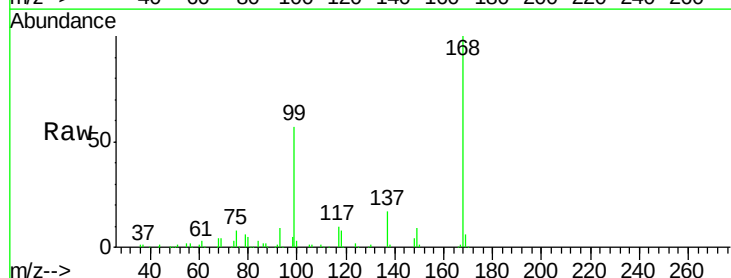
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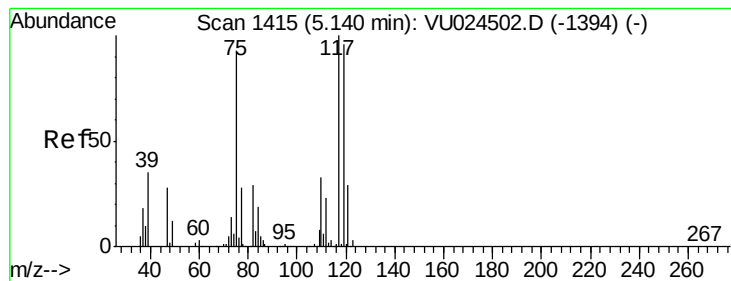
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.4
192	21.1	16.2	24.4



#36
 1,1-Dichloropropene
 Concen: 4.184 ug/l
 RT: 4.99 min Scan# 1367
 Delta R.T. -0.16 min
 Lab File: VU024974.D
 Acq: 27 Jun 2018 18:30

Tgt Ion	Ratio	Lower	Upper
75	100		
110	3.8	17.0	50.9#
77	0.0	24.2	36.4#





#38

Carbon Tetrachloride

Concen: 4.985 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU024974.D

Acq: 27 Jun 2018 18:30

Instrument :

MSVOA_U

ClientSampleId :

WP021SB474-33-35-180620ME

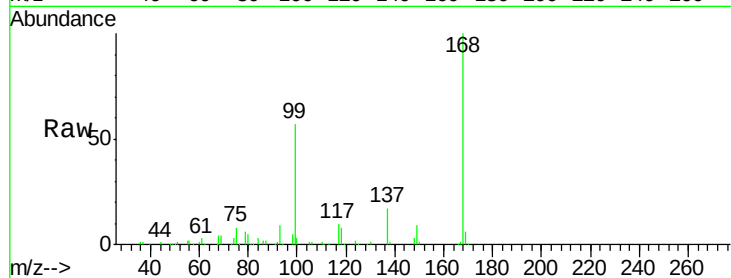
Tgt Ion:117 Resp: 21324

Ion Ratio Lower Upper

117 100

119 4.5 76.1 114.1#

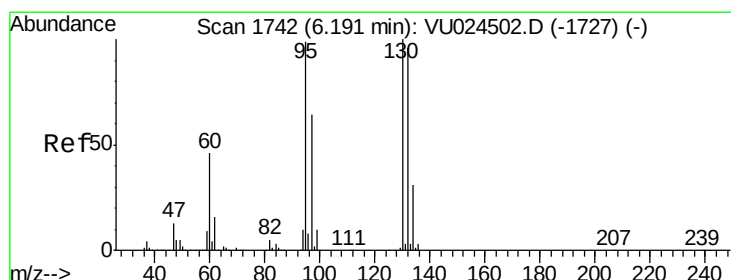
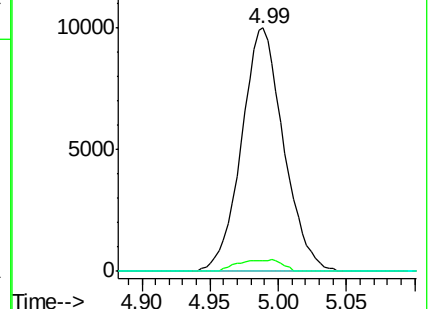
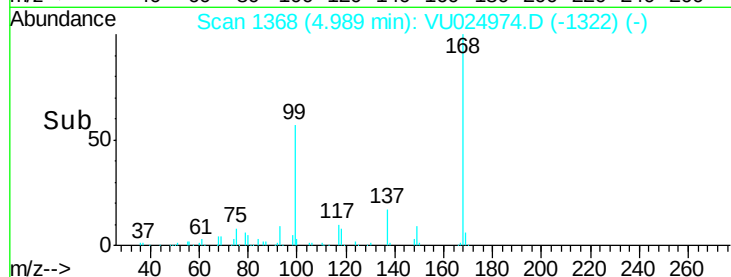
121 0.0 23.7 35.5#



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



#44

Trichloroethene

Concen: 3.989 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024974.D

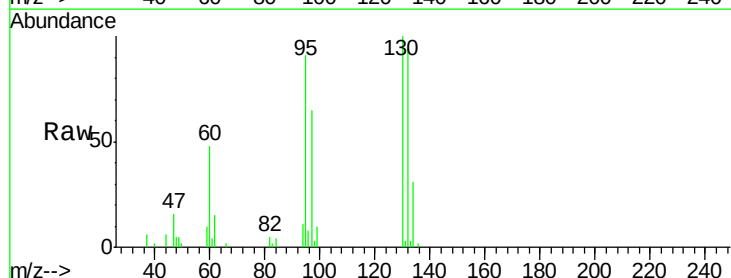
Acq: 27 Jun 2018 18:30

Tgt Ion:130 Resp: 12581

Ion Ratio Lower Upper

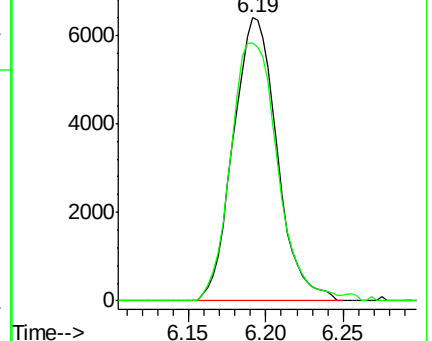
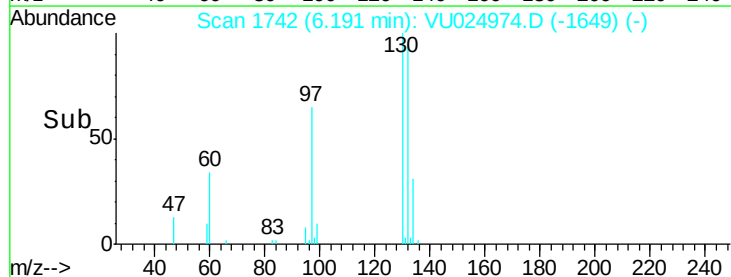
130 100

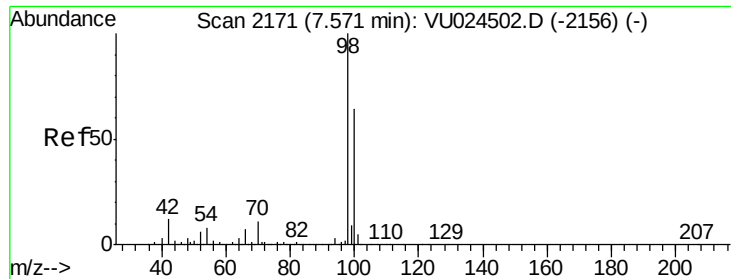
95 91.0 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0





#50

Toluene-d8

Concen: 47.348 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024974.D

Acq: 27 Jun 2018 18:30

Instrument :

MSVOA_U

ClientSampleId :

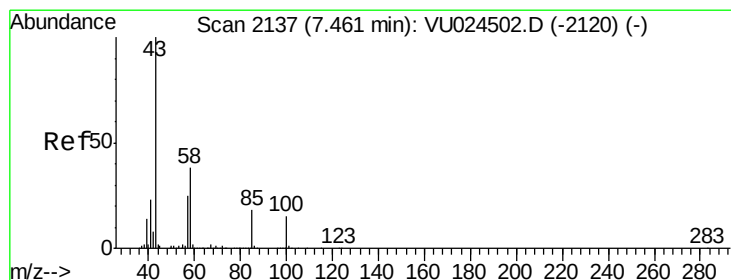
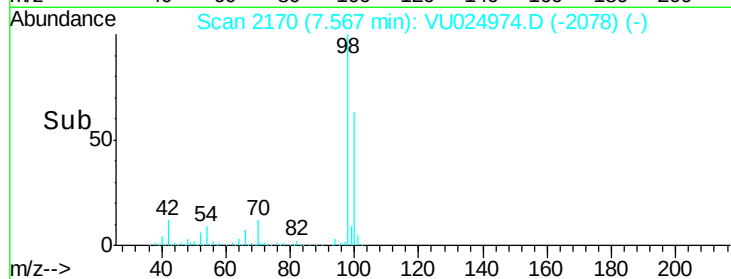
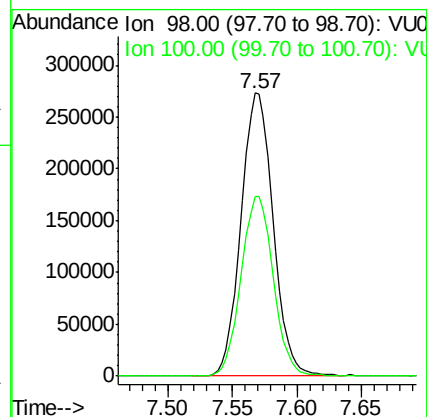
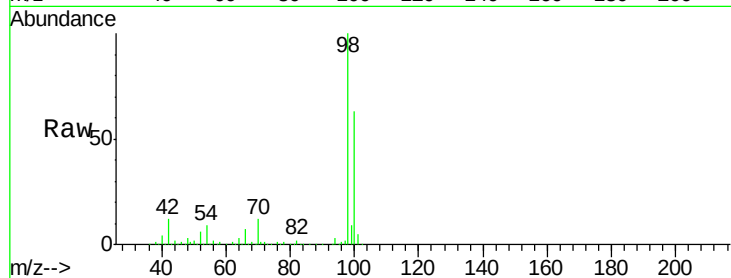
WP021SB474-33-35-180620ME

Tgt Ion: 98 Resp: 474450

Ion Ratio Lower Upper

98 100

100 63.9 51.1 76.7



#51

4-Methyl-2-Pentanone

Concen: 0.513 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.11 min

Lab File: VU024974.D

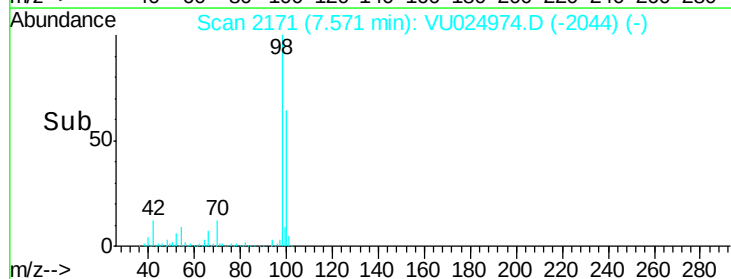
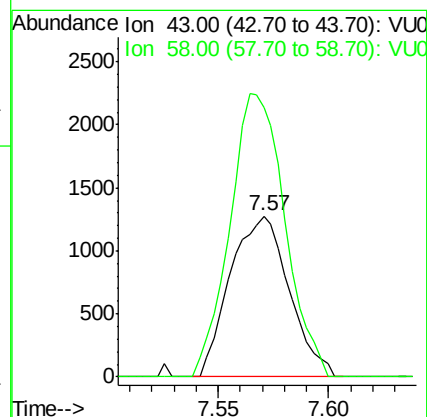
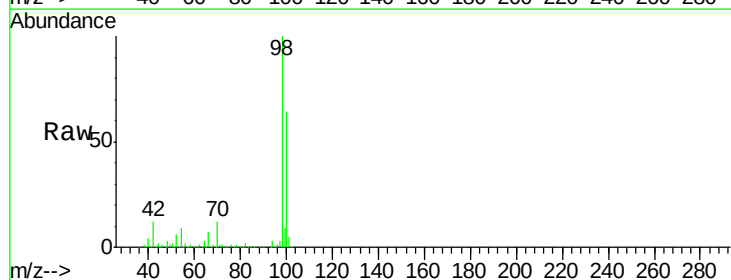
Acq: 27 Jun 2018 18:30

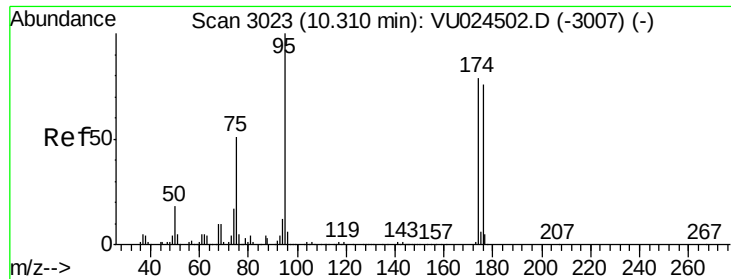
Tgt Ion: 43 Resp: 2364

Ion Ratio Lower Upper

43 100

58 164.3 30.0 45.0#





#62

4-Bromofluorobenzene

Concen: 45.672 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024974.D

Acq: 27 Jun 2018 18:30

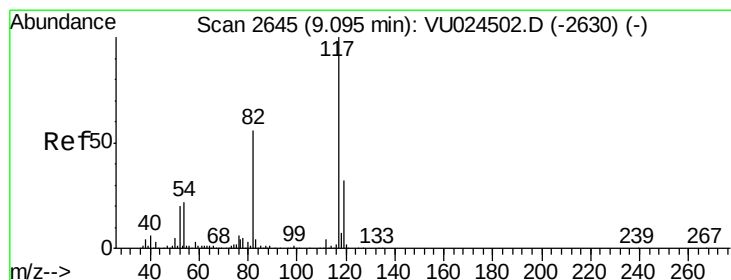
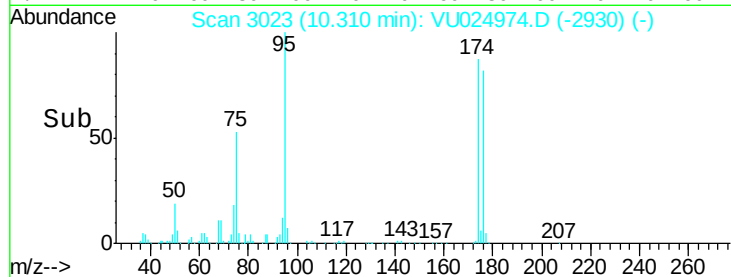
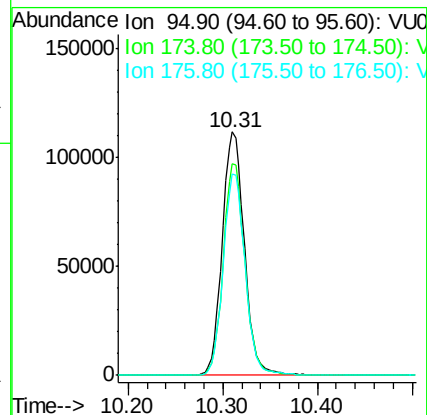
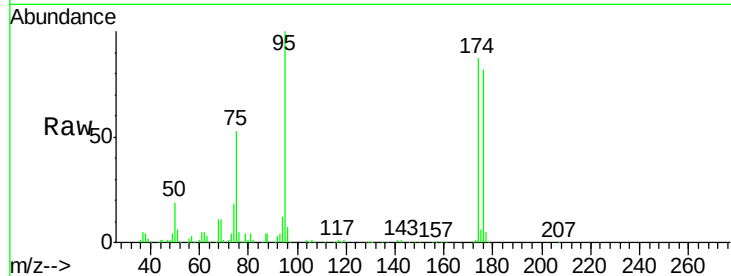
Instrument :

MSVOA_U

ClientSampleId :

WP021SB474-33-35-180620ME

Tgt Ion:	95	Resp:	181707
Ion	Ratio	Lower	Upper
95	100		
174	84.8	0.0	165.8
176	81.9	0.0	159.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

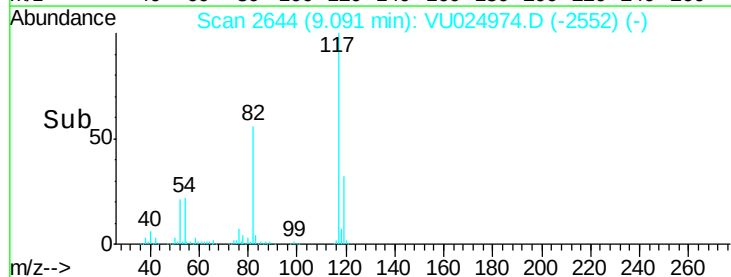
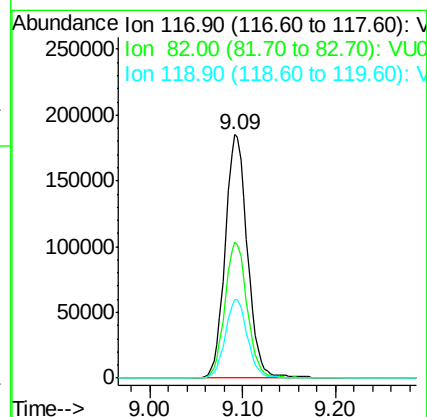
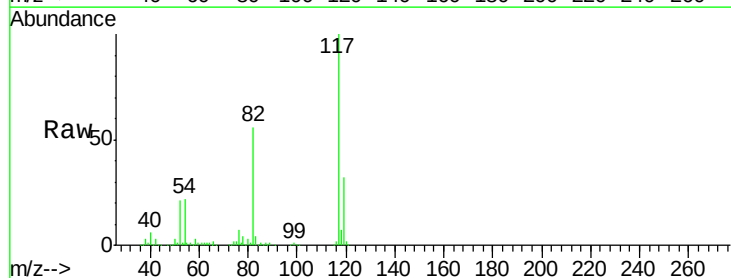
RT: 9.09 min Scan# 2644

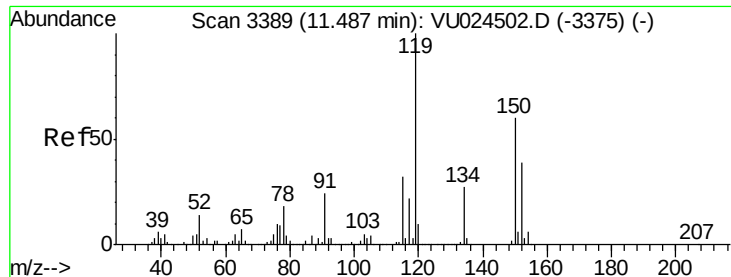
Delta R.T. -0.00 min

Lab File: VU024974.D

Acq: 27 Jun 2018 18:30

Tgt Ion:	117	Resp:	308074
Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.3	66.5
119	32.1	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: VU024974.D

Acq: 27 Jun 2018 18:30

Instrument :

MSVOA_U

ClientSampleId :

WP021SB474-33-35-180620ME

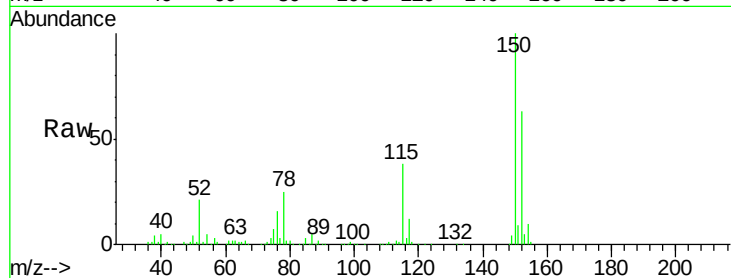
Tgt Ion:152 Resp: 166227

Ion Ratio Lower Upper

152 100

115 58.6 43.0 129.0

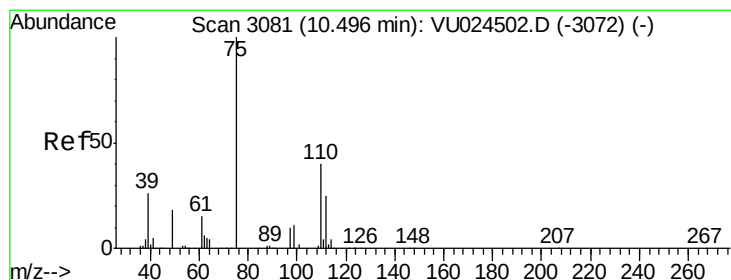
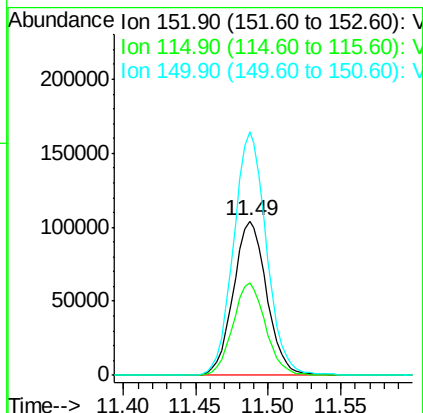
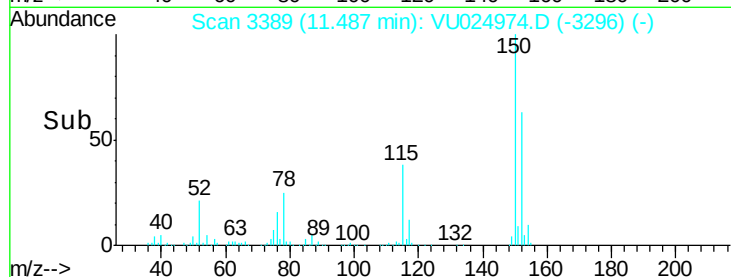
150 155.9 0.0 354.0



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: 25.389 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU024974.D

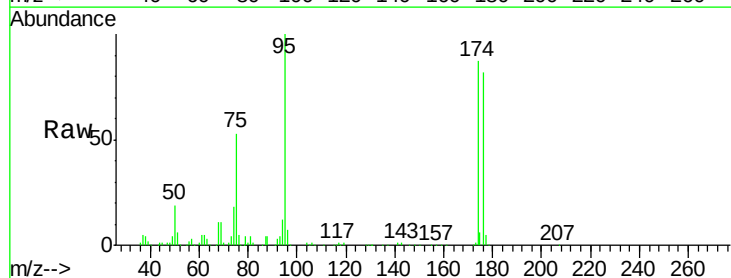
Acq: 27 Jun 2018 18:30

Tgt Ion: 75 Resp: 92918

Ion Ratio Lower Upper

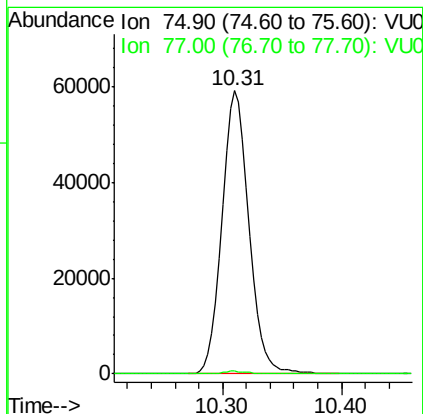
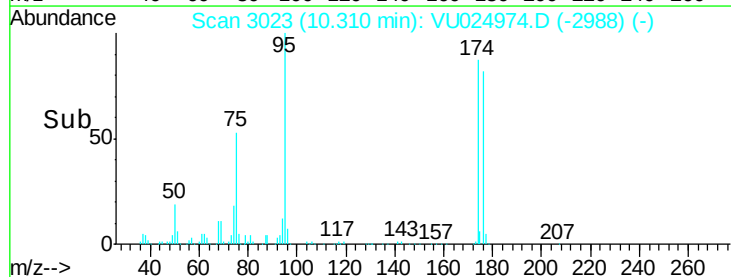
75 100

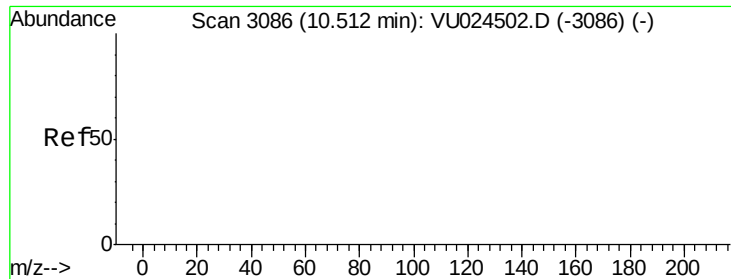
77 0.8 20.9 62.7#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

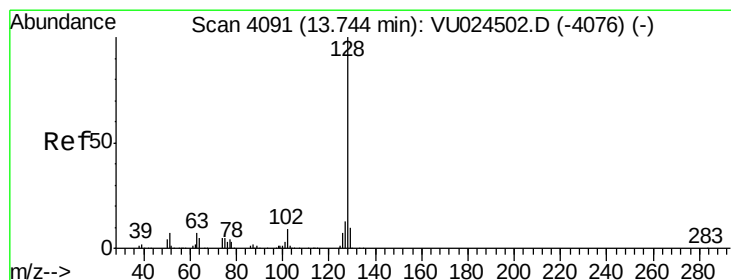
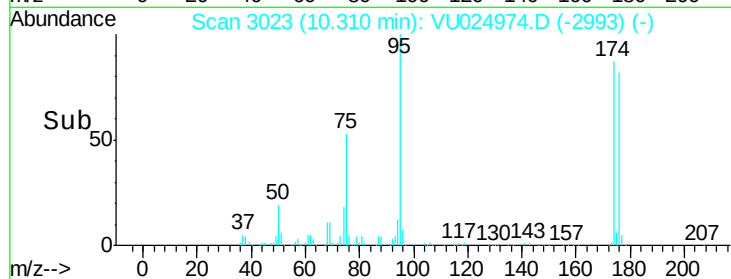
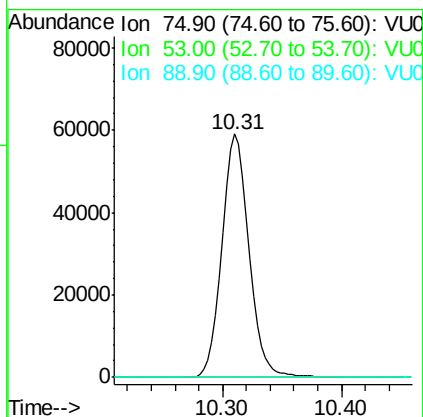
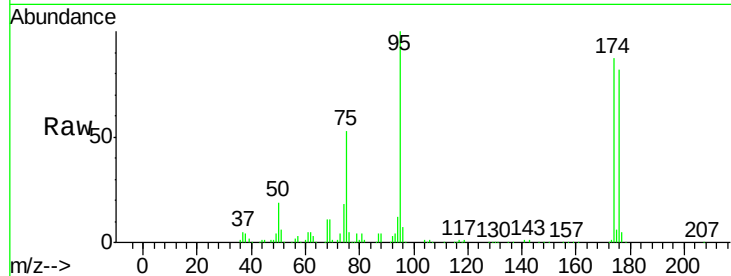




#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.762 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.20 min
 Lab File: VU024974.D
 Acq: 27 Jun 2018 18:30

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB474-33-35-180620ME

Tgt Ion: 75 Resp: 92918
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.1 0.0 0.0#



#95
 Naphthalene
 Concen: 0.686 ug/l
 RT: 13.80 min Scan# 4109
 Delta R.T. 0.06 min
 Lab File: VU024974.D
 Acq: 27 Jun 2018 18:30

Tgt Ion: 128 Resp: 84
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.6 16.0#
 129 0.0 8.6 12.8#

