

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062818\
 Data File : VU025021.D
 Acq On : 28 Jun 2018 15:29
 Operator : MD/SY
 Sample : J3707-22 20X
 Misc : 6.14g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB489-23-25-180622

Quant Time: Jun 29 05:07:00 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

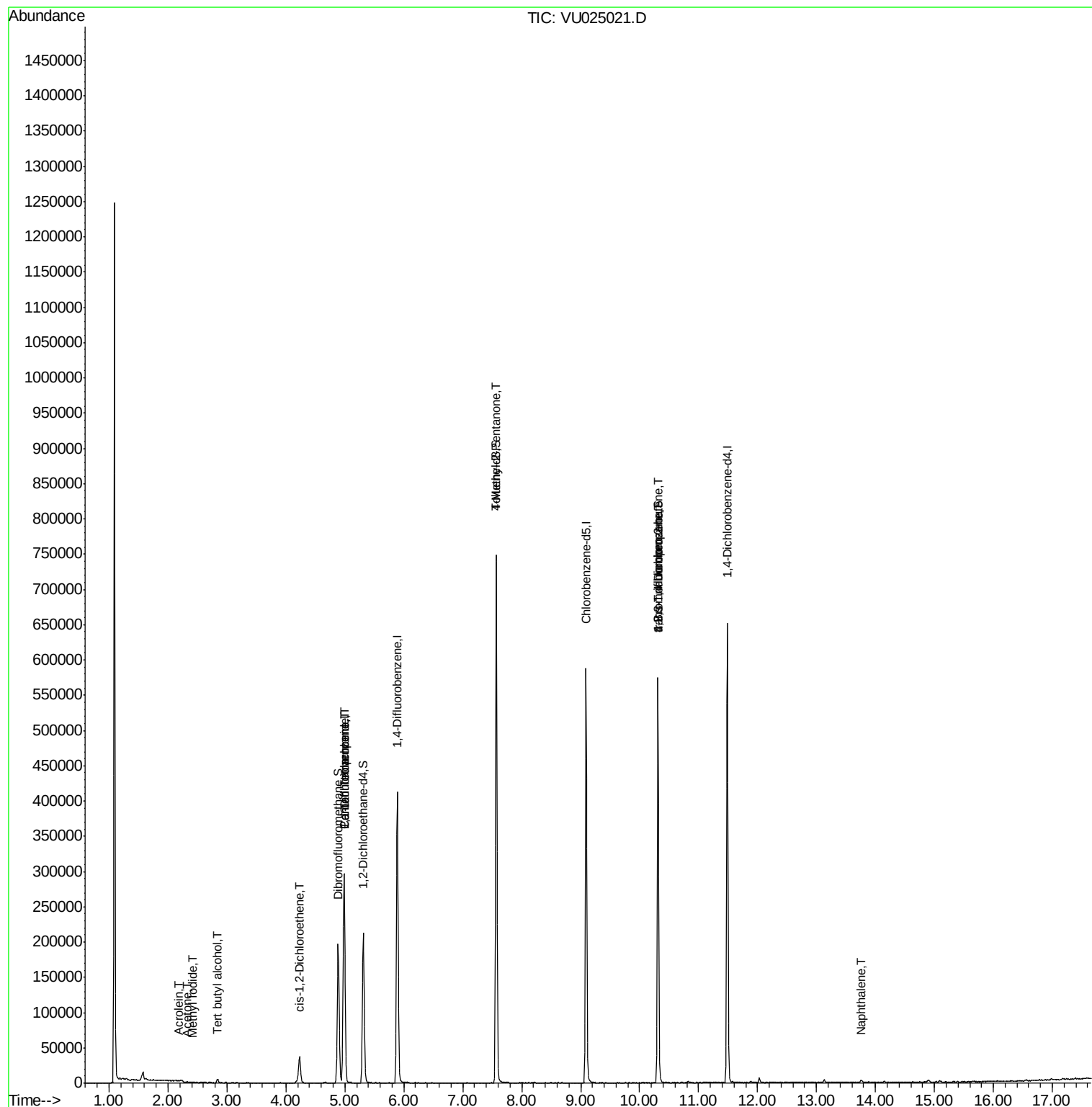
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	229720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	346115	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	320969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	170099	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	173321	46.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.44%	
35) Dibromofluoromethane	4.89	113	134465	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
50) Toluene-d8	7.57	98	493974	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
62) 4-Bromofluorobenzene	10.31	95	185154	44.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.02%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.70	64	101	Below Cal	#	43
10) Methyl Iodide	2.41	142	115	5.331	ug/l #	40
11) Tert butyl alcohol	2.83	59	2757	3.023	ug/l #	72
13) Acrolein	2.18	56	143	0.299	ug/l #	1
16) Acetone	2.31	43	939	0.466	ug/l #	44
27) cis-1,2-Dichloroethene	4.23	96	20762	6.269	ug/l	87
31) Cyclohexane	4.99	56	4536	Below Cal	#	13
36) 1,1-Dichloropropene	4.99	75	16836	4.140	ug/l #	51
38) Carbon Tetrachloride	4.99	117	22323	4.991	ug/l #	16
51) 4-Methyl-2-Pentanone	7.57	43	2320	0.482	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	96570	25.787	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	96570	59.681	ug/l #	100
95) Naphthalene	13.76	128	4172	1.008	ug/l #	84

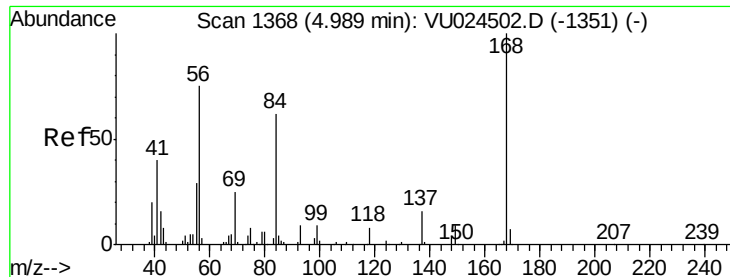
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025021.D

Acq: 28 Jun 2018 15:29

Instrument :

MSVOA_U

ClientSampleId :

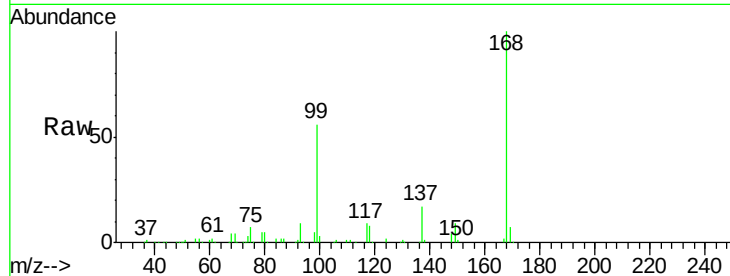
WP021SB489-23-25-180622

Tgt Ion:168 Resp: 229720

Ion Ratio Lower Upper

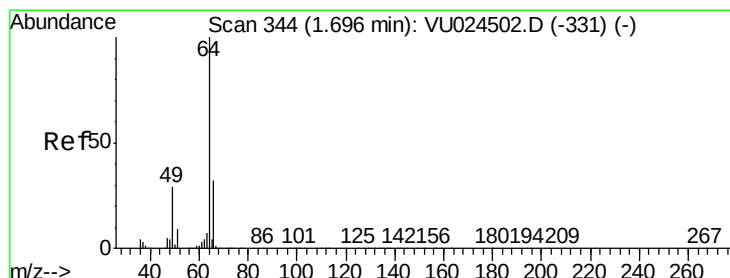
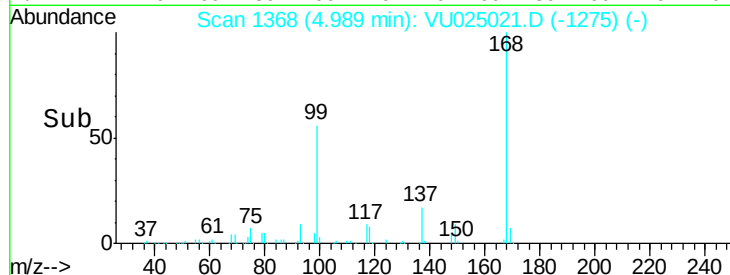
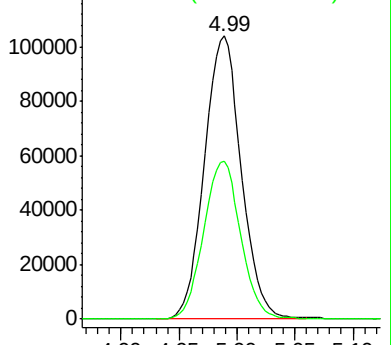
168 100

99 55.7 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU025021.D

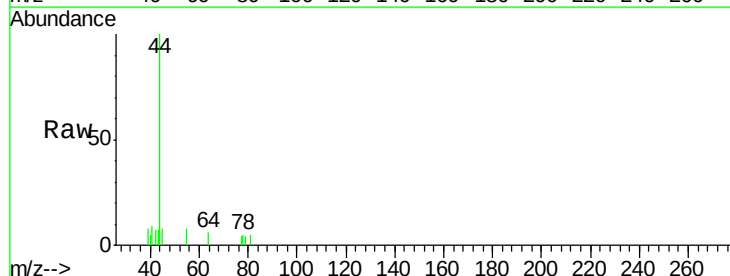
Acq: 28 Jun 2018 15:29

Tgt Ion: 64 Resp: 101

Ion Ratio Lower Upper

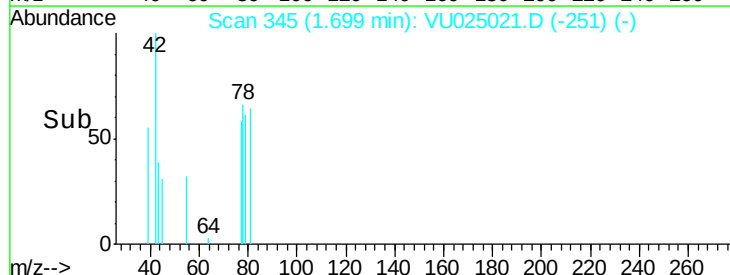
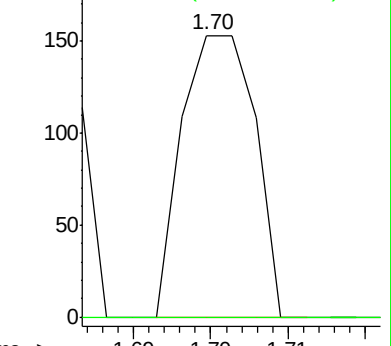
64 100

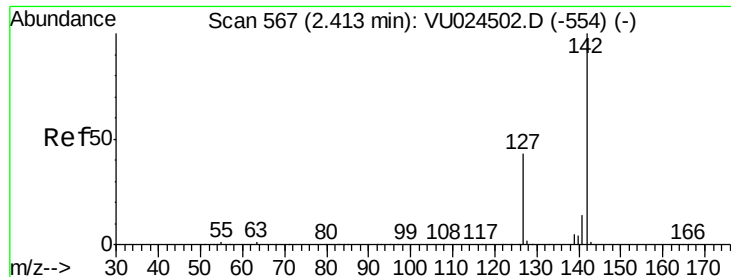
66 0.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

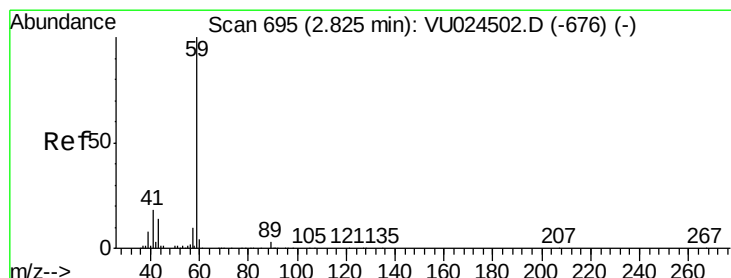
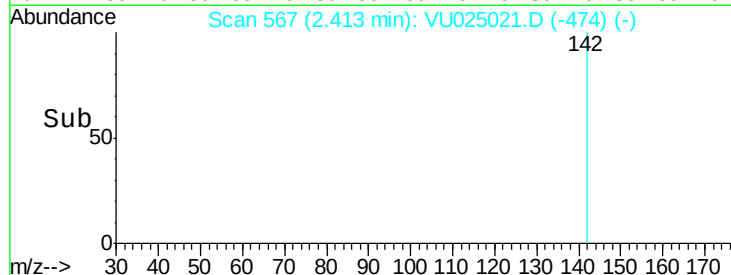
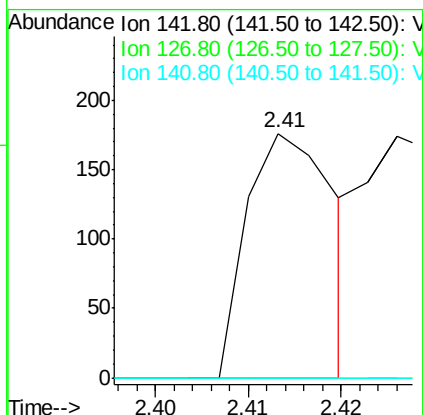
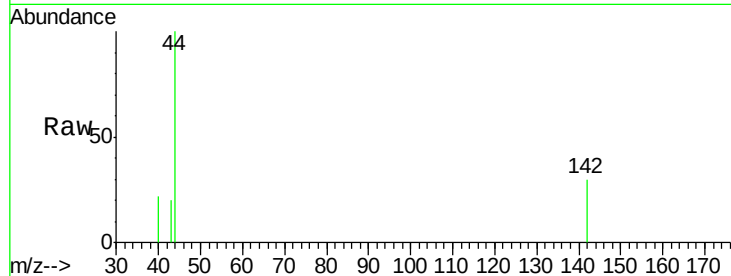




#10
Methyl Iodide
Concen: 5.331 ug/l
RT: 2.41 min Scan# 567
Delta R.T. 0.00 min
Lab File: VU025021.D
Acq: 28 Jun 2018 15:29

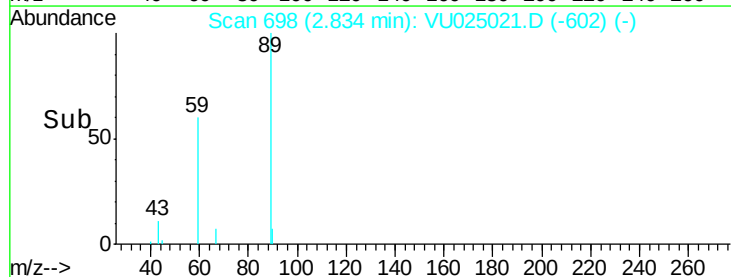
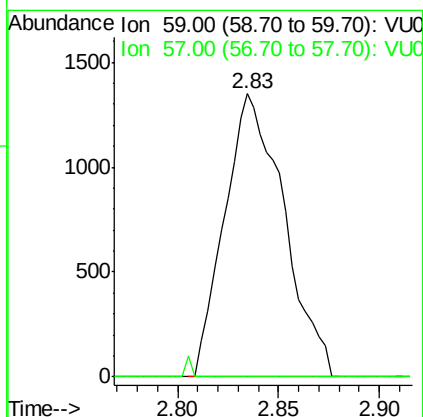
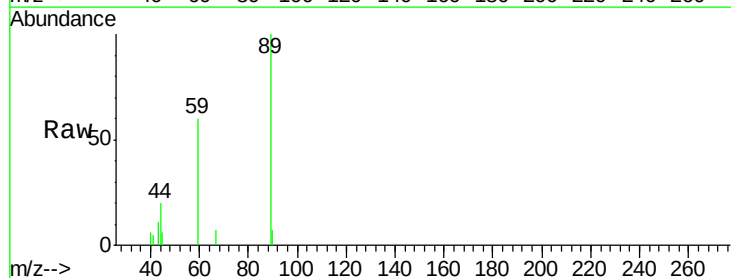
Instrument :
MSVOA_U
ClientSampleId :
WP021SB489-23-25-180622

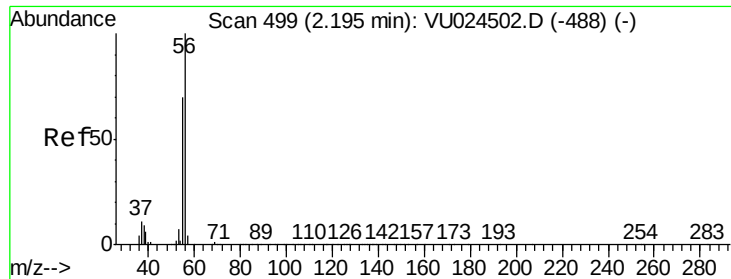
Tgt Ion:142 Resp: 115
Ion Ratio Lower Upper
142 100
127 0.0 35.6 53.4#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 3.023 ug/l
RT: 2.83 min Scan# 698
Delta R.T. 0.01 min
Lab File: VU025021.D
Acq: 28 Jun 2018 15:29

Tgt Ion: 59 Resp: 2757
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#





#13

Acrolein

Concen: 0.299 ug/l

RT: 2.18 min Scan# 495

Delta R.T. -0.01 min

Lab File: VU025021.D

Acq: 28 Jun 2018 15:29

Instrument :

MSVOA_U

ClientSampleId :

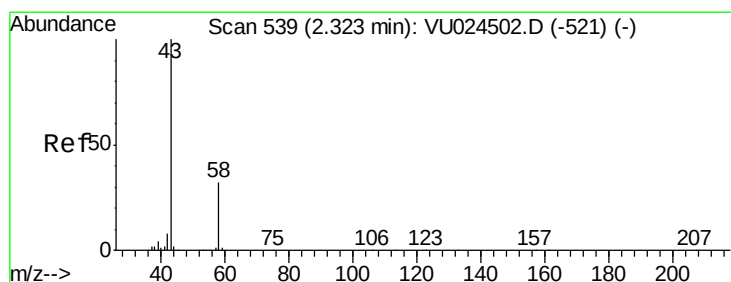
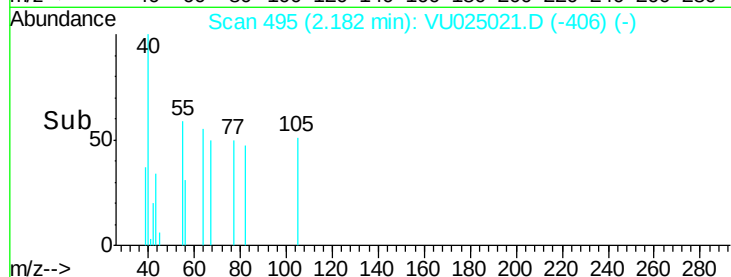
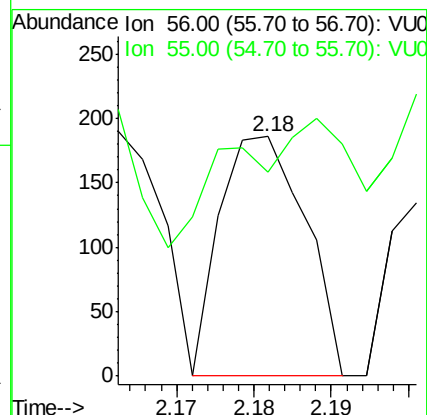
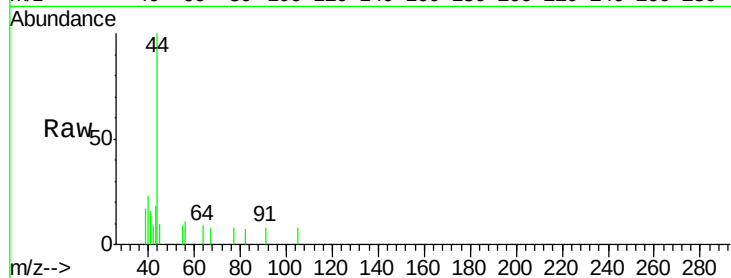
WP021SB489-23-25-180622

Tgt Ion: 56 Resp: 143

Ion Ratio Lower Upper

56 100

55 181.1 58.4 87.6#



#16

Acetone

Concen: 0.466 ug/l

RT: 2.31 min Scan# 536

Delta R.T. -0.01 min

Lab File: VU025021.D

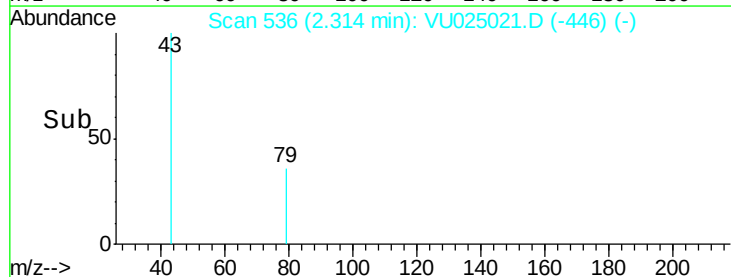
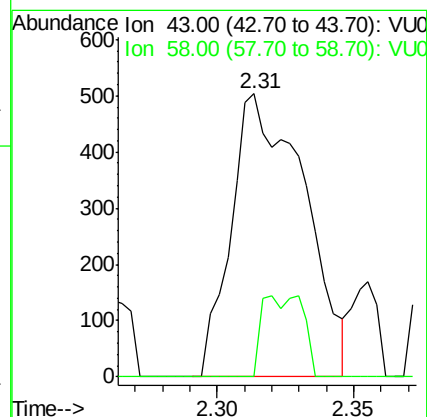
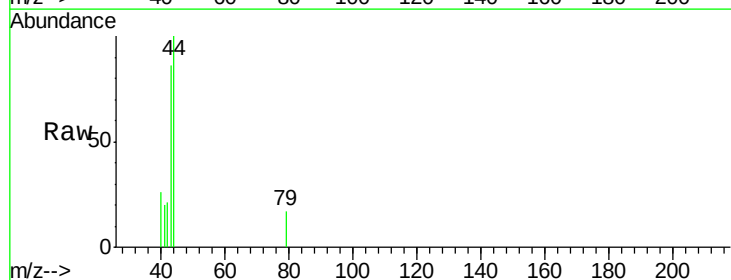
Acq: 28 Jun 2018 15:29

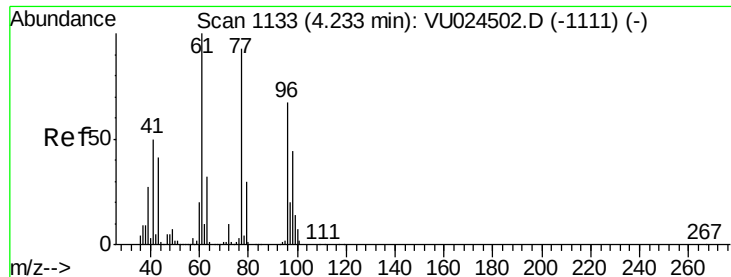
Tgt Ion: 43 Resp: 939

Ion Ratio Lower Upper

43 100

58 0.0 24.4 36.6#





#27

cis-1,2-Dichloroethene

Concen: 6.269 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025021.D

Acq: 28 Jun 2018 15:29

Instrument :

MSVOA_U

ClientSampleId :

WP021SB489-23-25-180622

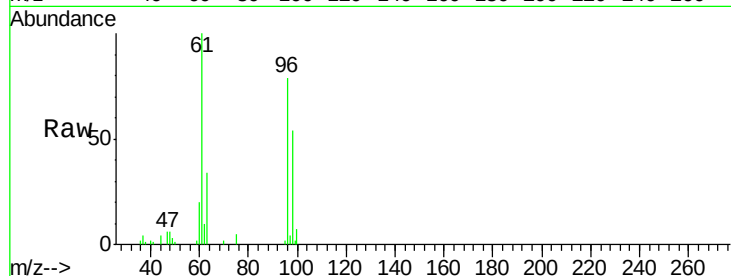
Tgt Ion: 96 Resp: 20762

Ion Ratio Lower Upper

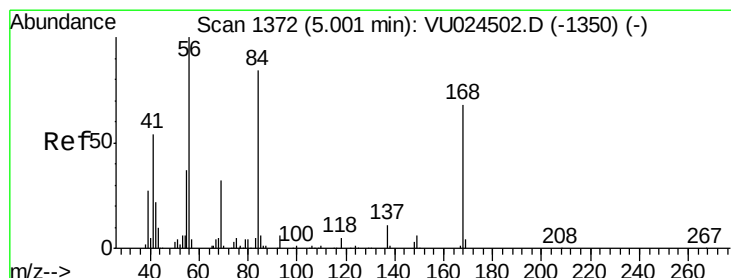
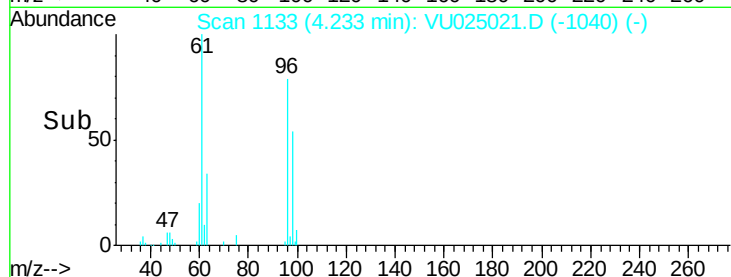
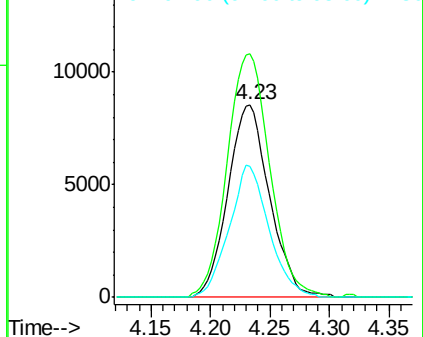
96 100

61 129.7 0.0 306.6

98 65.4 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: VU025021.D

Acq: 28 Jun 2018 15:29

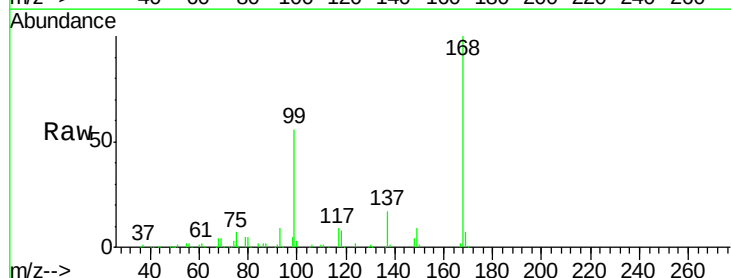
Tgt Ion: 56 Resp: 4536

Ion Ratio Lower Upper

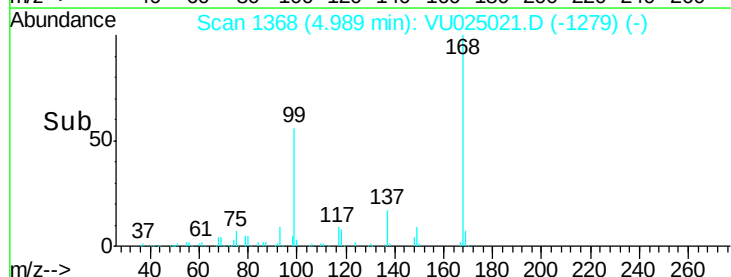
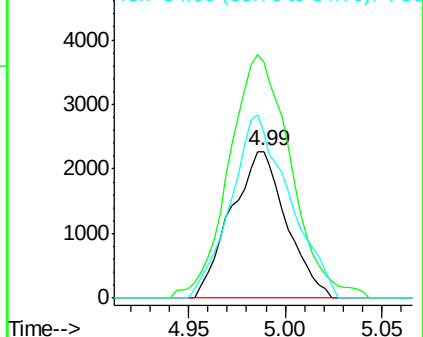
56 100

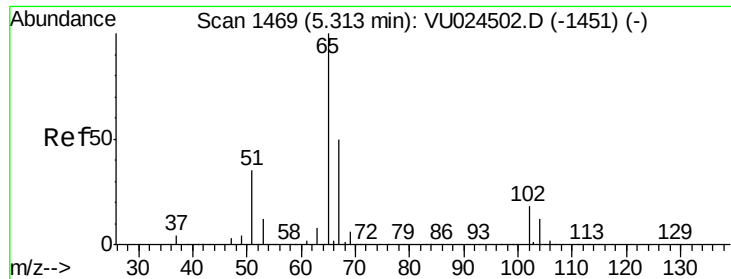
69 154.9 24.8 37.2#

84 112.5 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

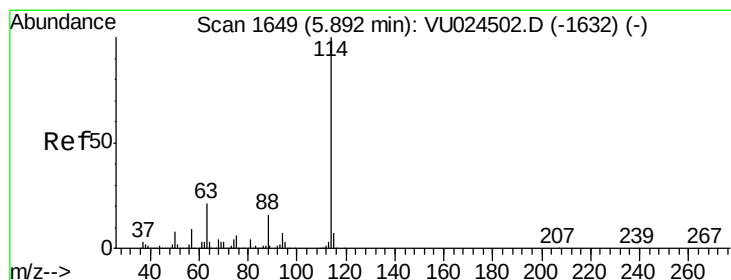
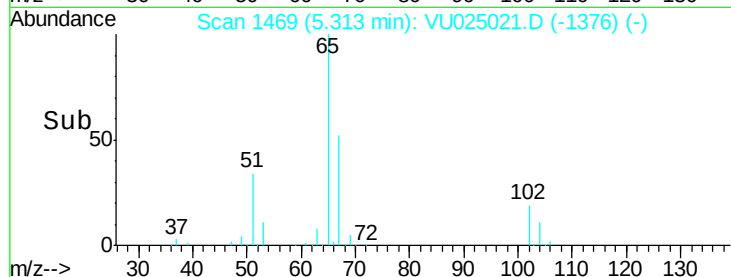
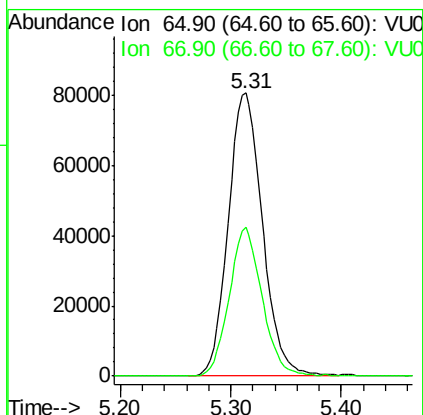
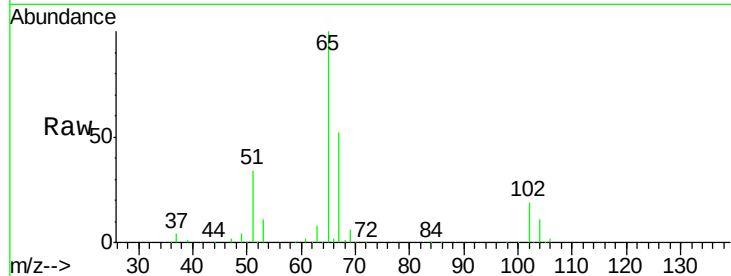




#33
 1,2-Dichloroethane-d4
 Concen: 46.216 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025021.D
 Acq: 28 Jun 2018 15:29

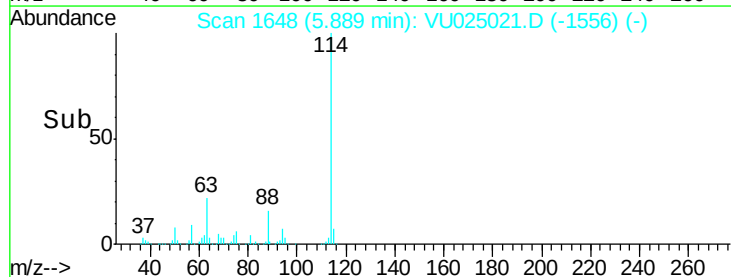
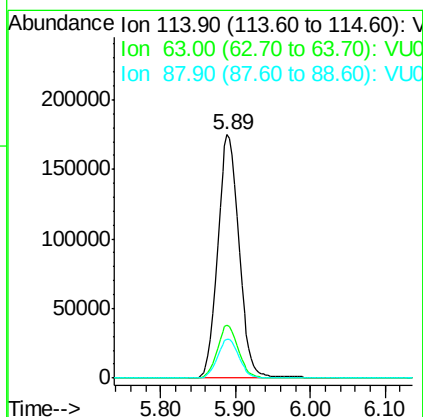
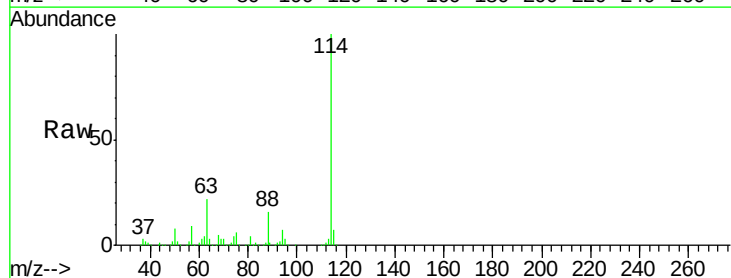
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 MSVOA_U
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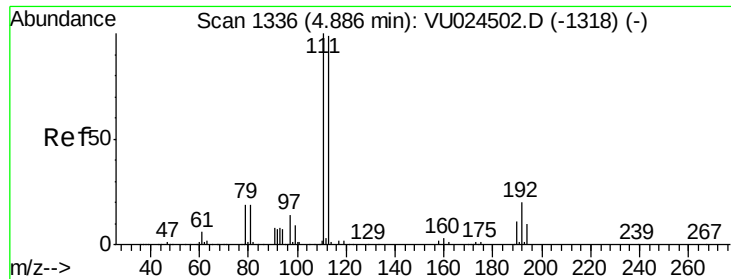
Tgt Ion: 65 Resp: 173321
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025021.D
 Acq: 28 Jun 2018 15:29

Tgt Ion: 114 Resp: 346115
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 45.4
 88 15.9 0.0 31.0

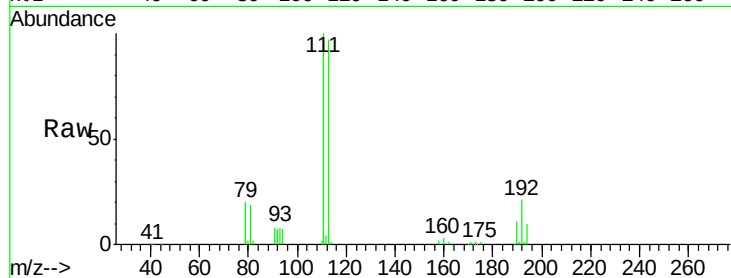




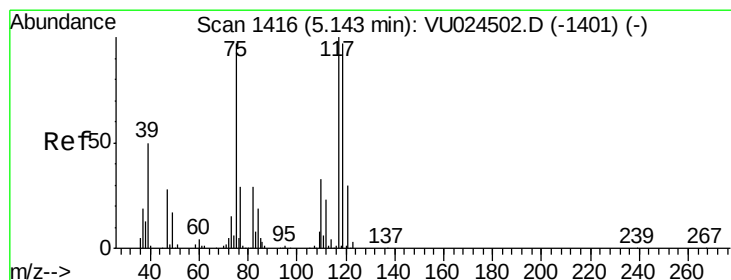
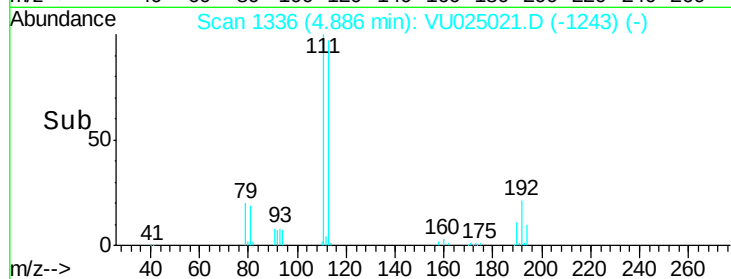
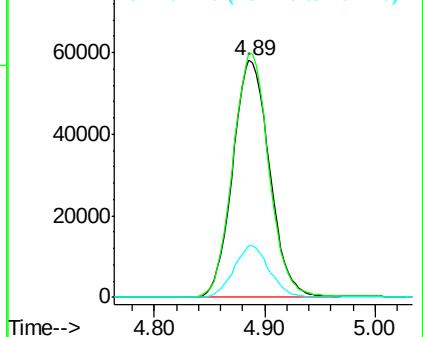
#35
 Dibromofluoromethane
 Concen: 46.811 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025021.D
 Acq: 28 Jun 2018 15:29

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB489-23-25-180622

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.2	123.4
192	21.1	16.2	24.4

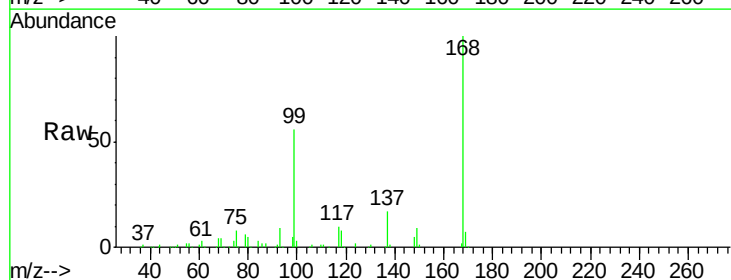


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

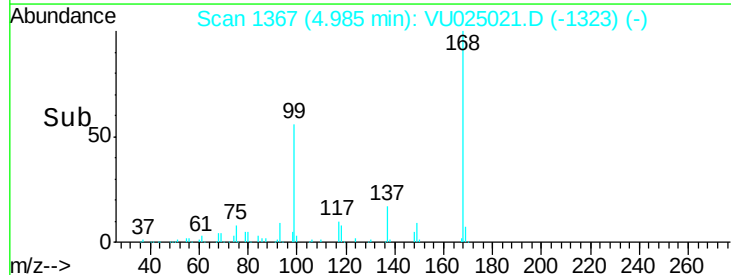
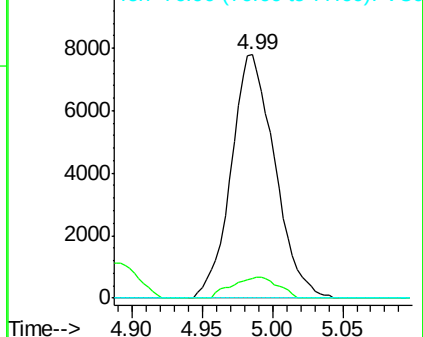


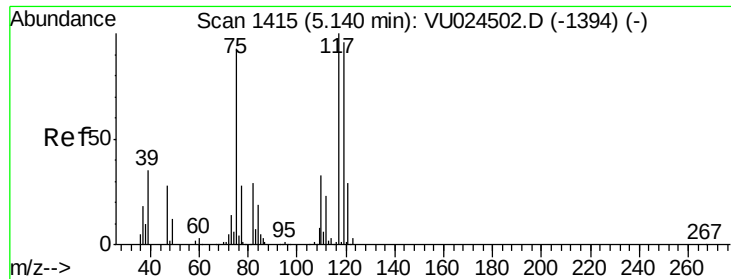
#36
 1,1-Dichloropropene
 Concen: 4.140 ug/l
 RT: 4.99 min Scan# 1367
 Delta R.T. -0.16 min
 Lab File: VU025021.D
 Acq: 28 Jun 2018 15:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.0	50.9#
77	0.0	24.2	36.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0





#38

Carbon Tetrachloride

Concen: 4.991 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.15 min

Lab File: VU025021.D

Acq: 28 Jun 2018 15:29

Instrument :

MSVOA_U

ClientSampleId :

WP021SB489-23-25-180622

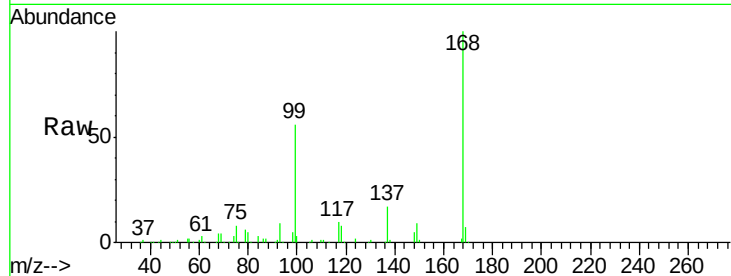
Tgt Ion:117 Resp: 22323

Ion Ratio Lower Upper

117 100

119 4.9 76.1 114.1#

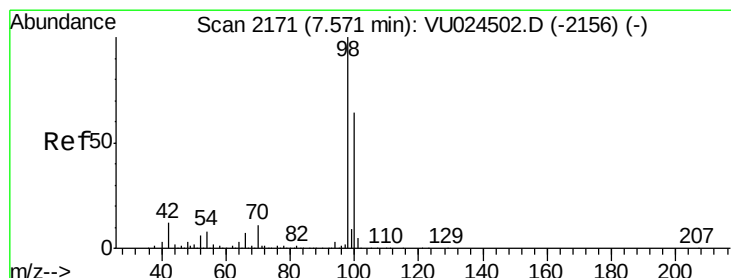
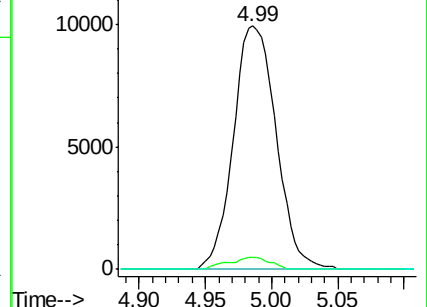
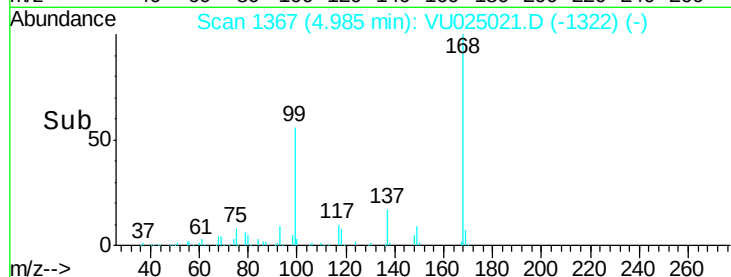
121 0.0 23.7 35.5#



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



#50

Toluene-d8

Concen: 47.145 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025021.D

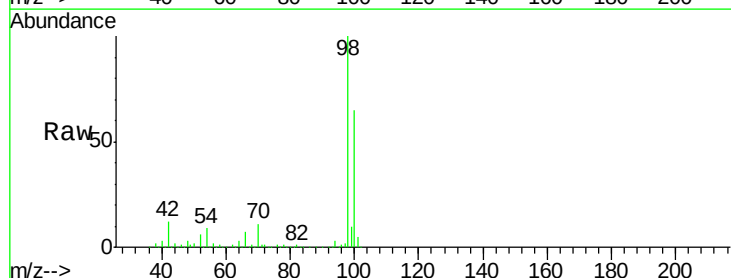
Acq: 28 Jun 2018 15:29

Tgt Ion: 98 Resp: 493974

Ion Ratio Lower Upper

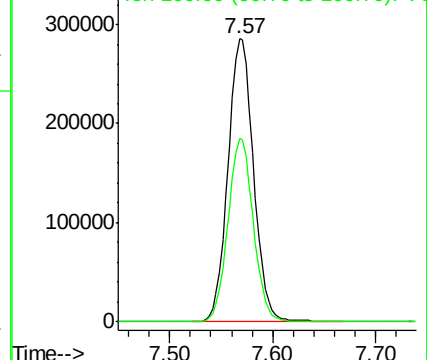
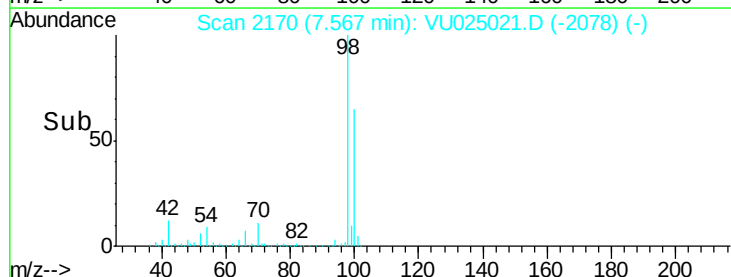
98 100

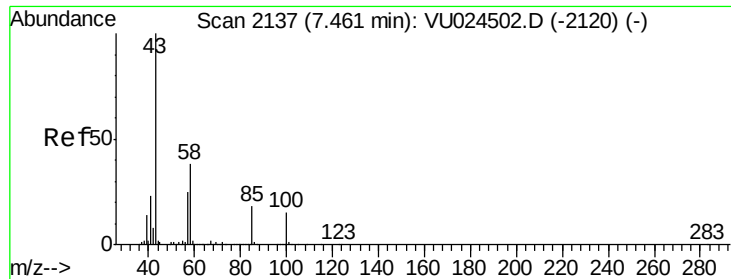
100 64.2 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

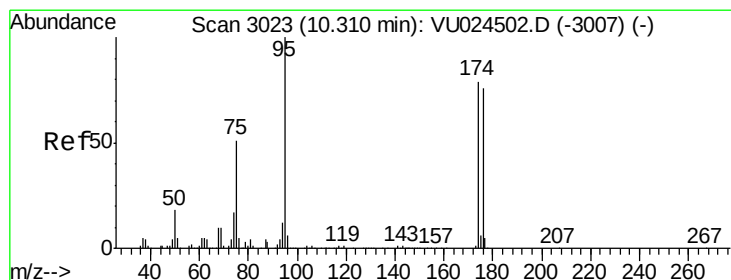
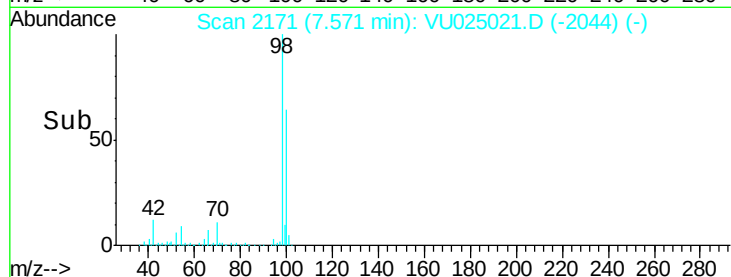
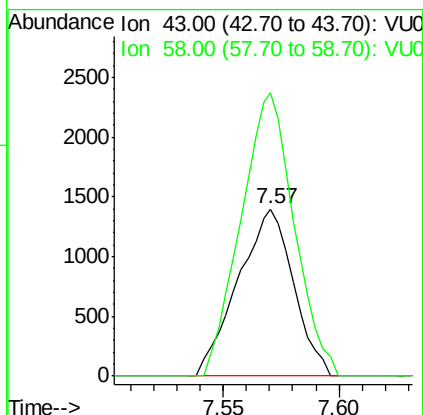
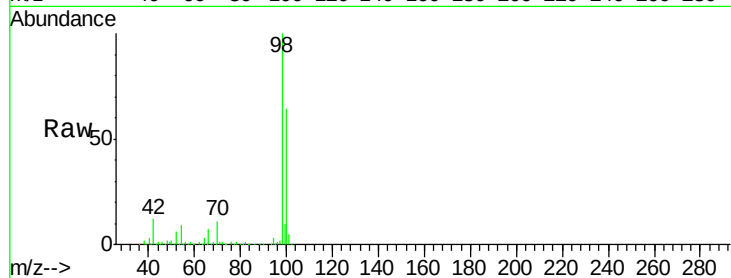




#51
 4-Methyl-2-Pentanone
 Concen: 0.482 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. 0.11 min
 Lab File: VU025021.D
 Acq: 28 Jun 2018 15:29

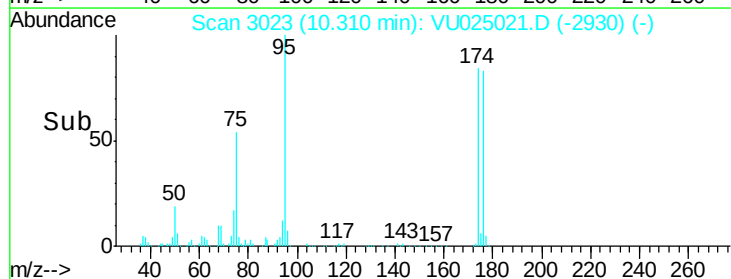
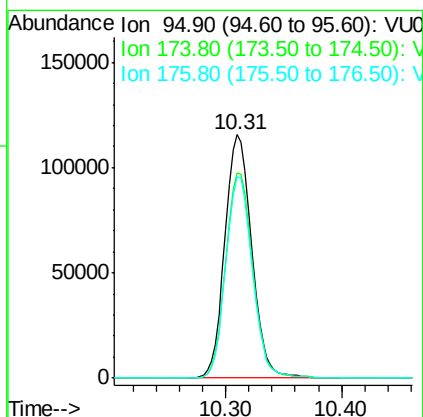
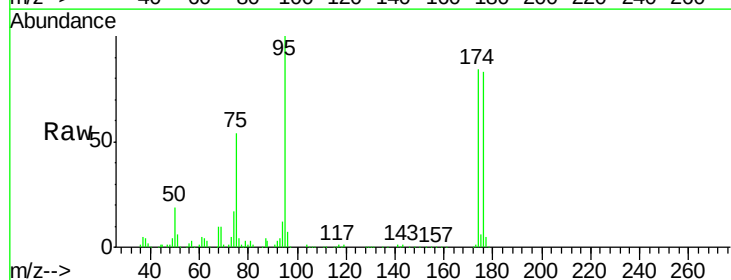
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB489-23-25-180622

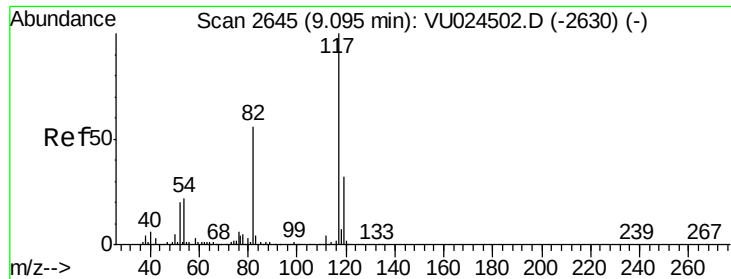
Tgt Ion: 43 Resp: 2320
 Ion Ratio Lower Upper
 43 100
 58 162.8 30.0 45.0#



#62
 4-Bromofluorobenzene
 Concen: 44.508 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: VU025021.D
 Acq: 28 Jun 2018 15:29

Tgt Ion: 95 Resp: 185154
 Ion Ratio Lower Upper
 95 100
 174 84.9 0.0 165.8
 176 82.4 0.0 159.4

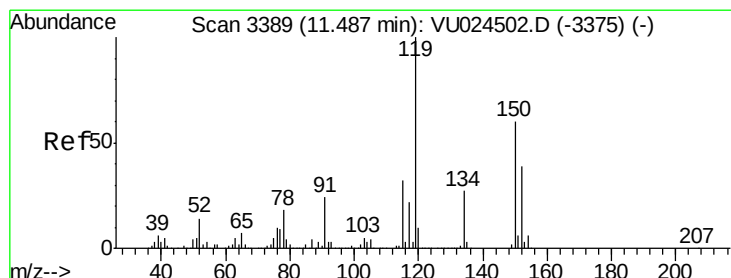
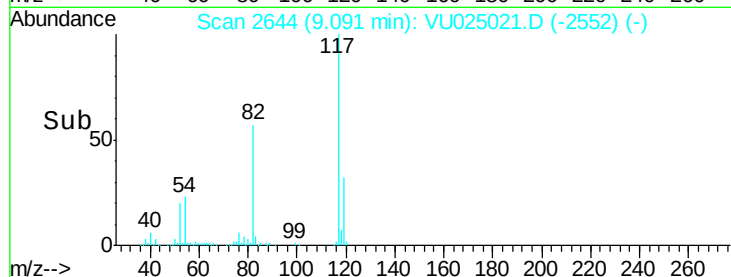
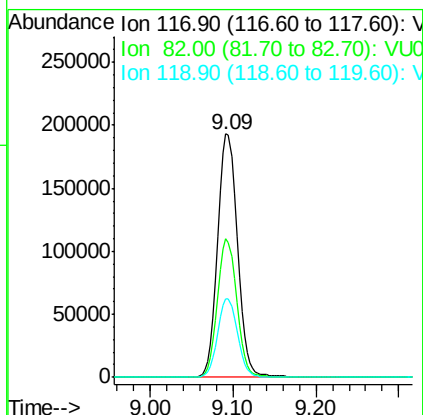
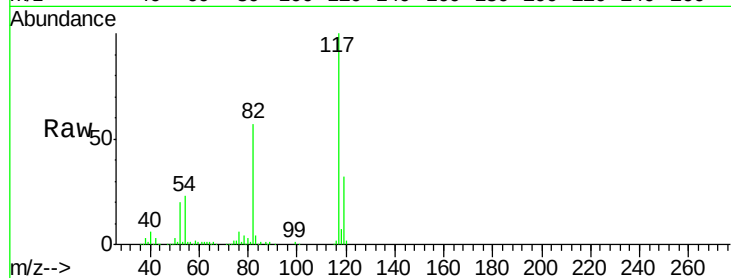




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025021.D
Acq: 28 Jun 2018 15:29

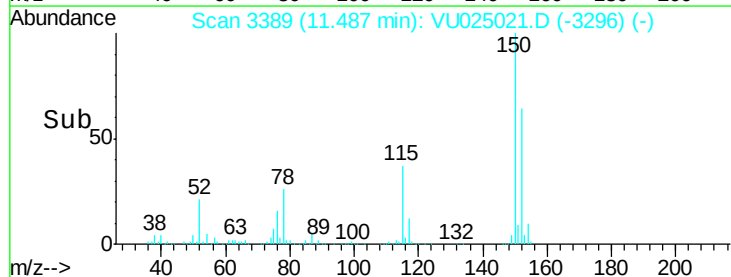
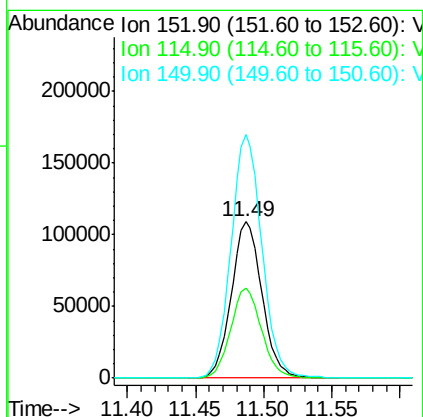
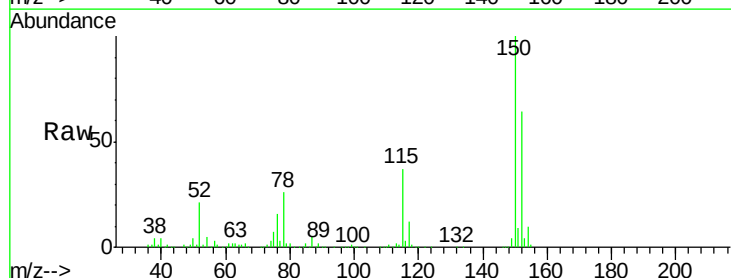
Instrument :
MSVOA_U
ClientSampleId :
WP021SB489-23-25-180622

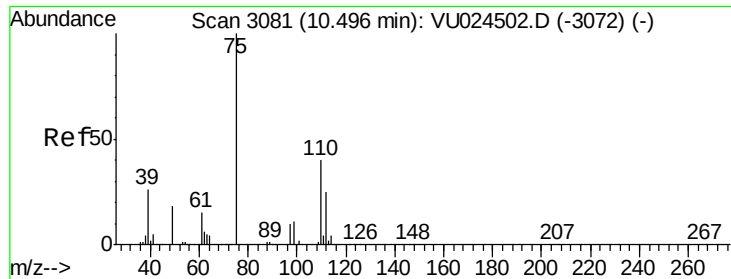
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.9	44.3	66.5
119	32.3	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025021.D
Acq: 28 Jun 2018 15:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	43.0	129.0
150	157.5	0.0	354.0





#76

1,2,3-Trichloropropane

Concen: 25.787 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025021.D

Acq: 28 Jun 2018 15:29

Instrument :

MSVOA_U

ClientSampleId :

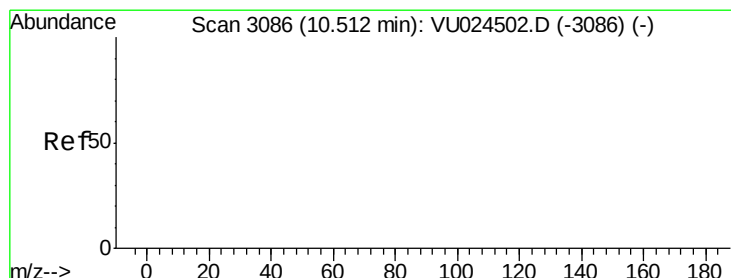
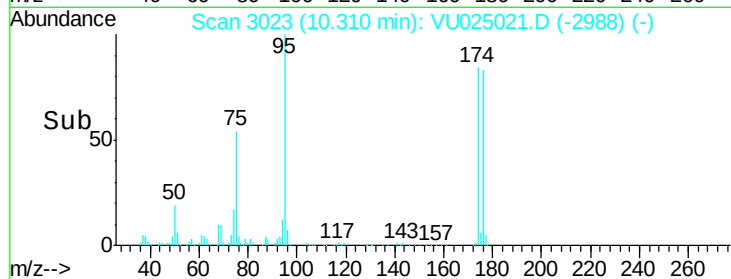
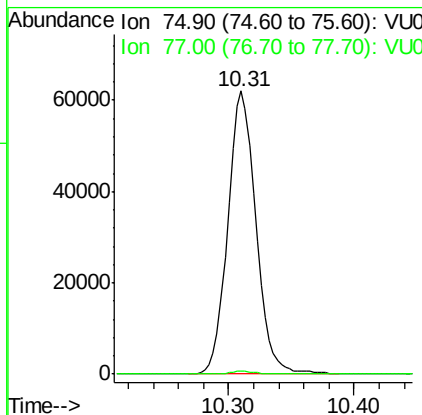
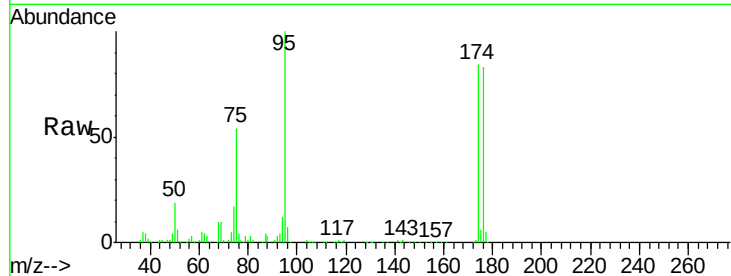
WP021SB489-23-25-180622

Tgt Ion: 75 Resp: 96570

Ion Ratio Lower Upper

75 100

77 1.0 20.9 62.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 59.681 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU025021.D

Acq: 28 Jun 2018 15:29

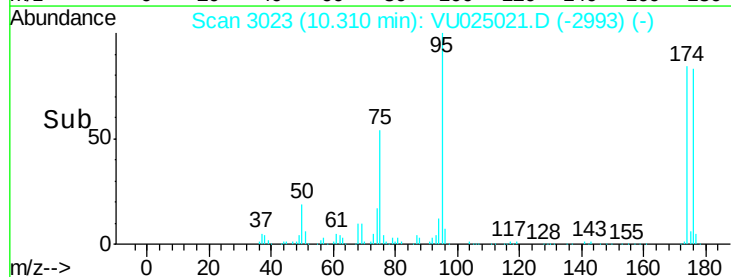
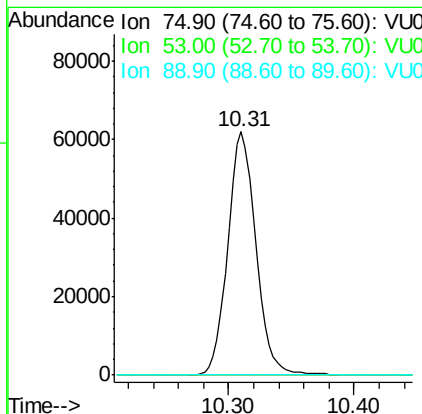
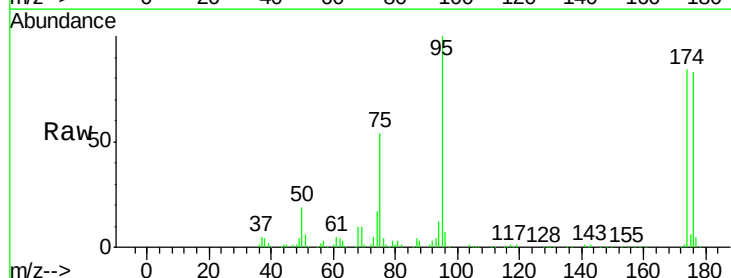
Tgt Ion: 75 Resp: 96570

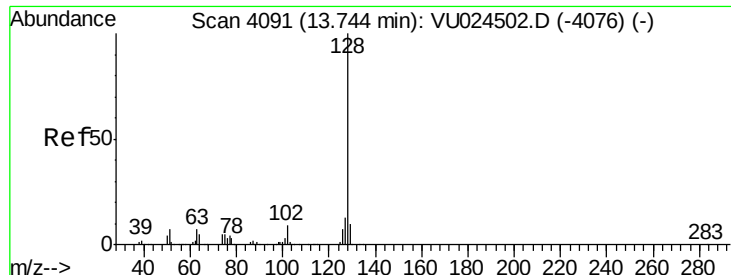
Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0





#95

Naphthalene

Concen: 1.008 ug/l

RT: 13.76 min Scan# 4095

Delta R.T. 0.01 min

Lab File: VU025021.D

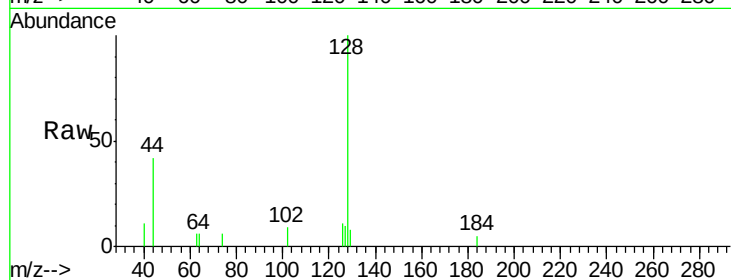
Acq: 28 Jun 2018 15:29

Instrument :

MSVOA_U

ClientSampleId :

WP021SB489-23-25-180622



Tgt Ion:	128	Resp:	4172
Ion	Ratio	Lower	Upper
128	100		
127	5.0	10.6	16.0#
129	6.9	8.6	12.8#

