

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062518\
 Data File : VU024905.D
 Acq On : 26 Jun 2018 03:50
 Operator : MD/SY
 Sample : J3669-14ME 200X
 Misc : 5.74g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 26 05:42:14 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	227263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	347671	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	320100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	169124	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	169978	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
35) Dibromofluoromethane	4.89	113	133421	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
50) Toluene-d8	7.57	98	498541	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
62) 4-Bromofluorobenzene	10.31	95	183442	43.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.80%	

Target Compounds

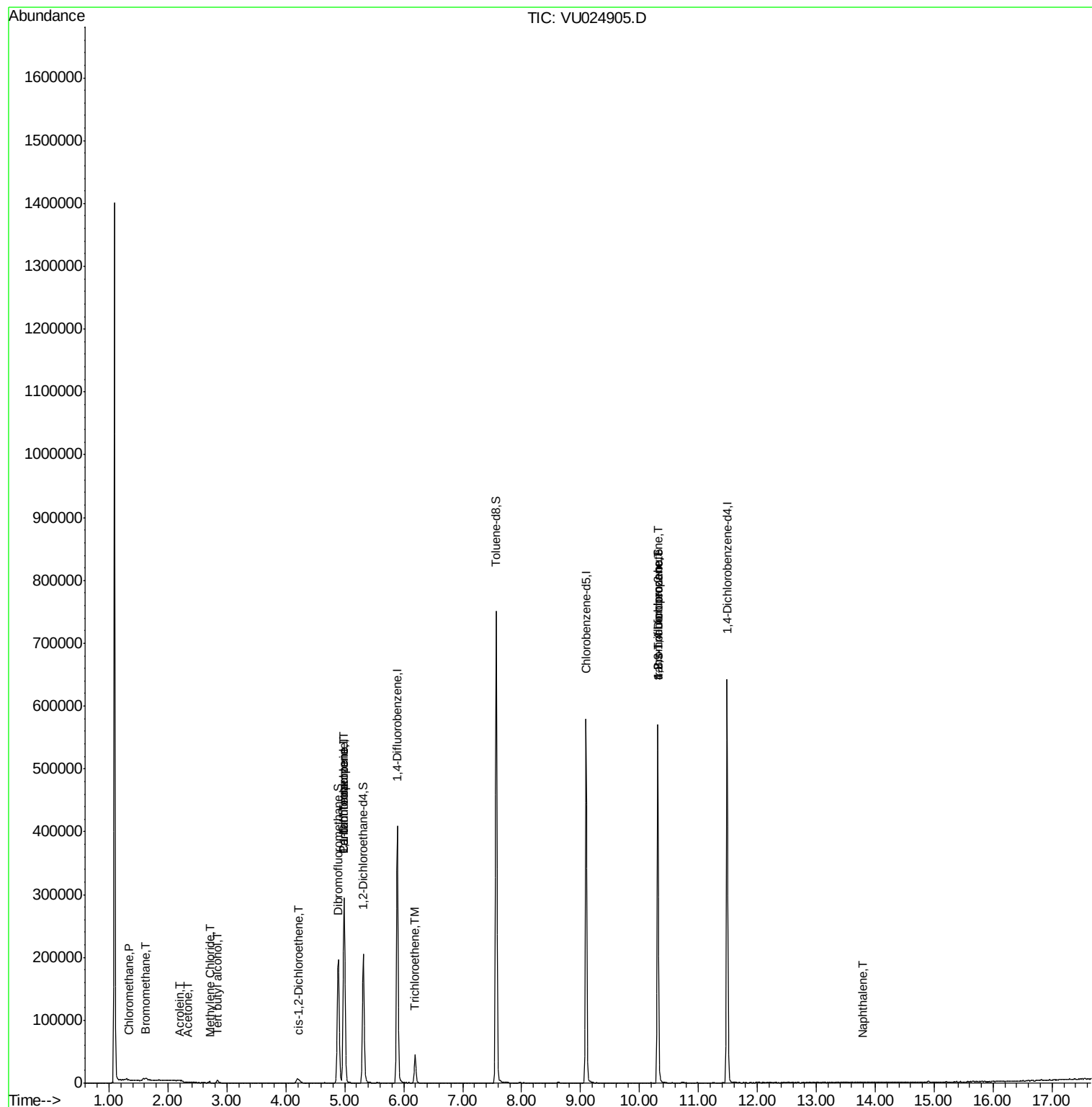
						Qvalue
3) Chloromethane	1.33	50	600	0.21	ug/l	# 75
5) Bromomethane	1.63	94	437	0.30	ug/l	# 82
6) Chloroethane	1.71	64	75	Below	Cal	# 43
11) Tert butyl alcohol	2.84	59	2518	2.79	ug/l	# 77
13) Acrolein	2.20	56	121	0.26	ug/l	# 13
16) Acetone	2.33	43	1638	0.82	ug/l	# 87
20) Methylene Chloride	2.70	84	725	0.23	ug/l	# 87
27) cis-1,2-Dichloroethene	4.23	96	820	0.25	ug/l	# 1
31) Cyclohexane	4.99	56	4694	Below	Cal	# 11
36) 1,1-Dichloropropene	4.99	75	16749	4.10	ug/l	# 51
38) Carbon Tetrachloride	4.99	117	21897	4.87	ug/l	# 15
44) Trichloroethene	6.19	130	16494	4.98	ug/l	# 92
76) 1,2,3-Trichloropropane	10.31	75	95559	25.66	ug/l	# 35
81) trans-1,4-Dichloro-2-buten	10.31	75	95559	59.40	ug/l	# 100
95) Naphthalene	13.79	128	19	0.68	ug/l	# 69

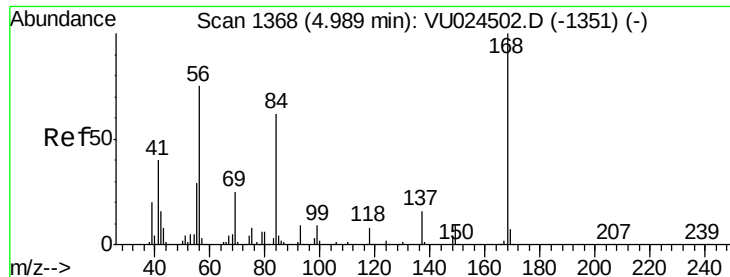
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024905.D

Acq: 26 Jun 2018 03:50

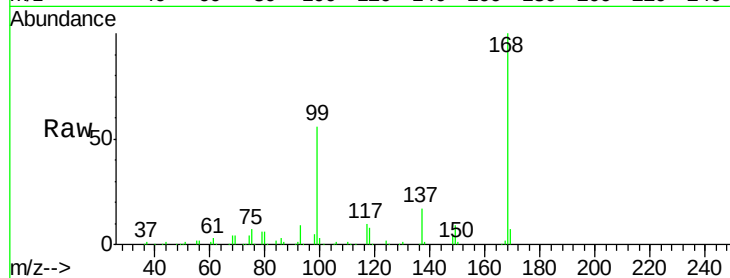
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 227263

Ion Ratio Lower Upper

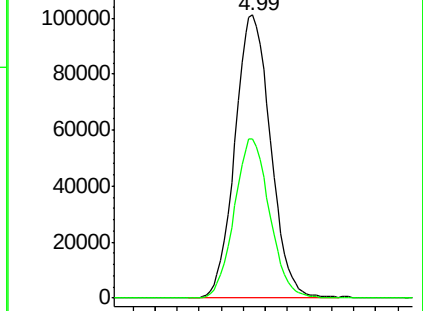
168 100

99 56.4 43.2 64.8

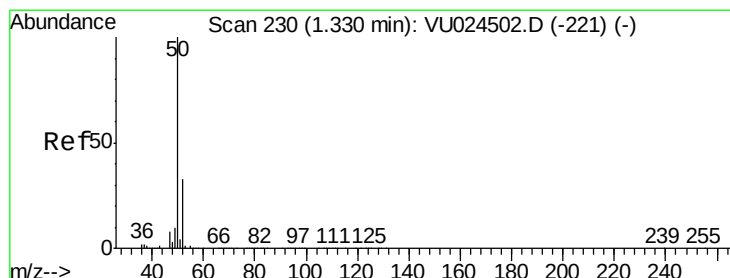
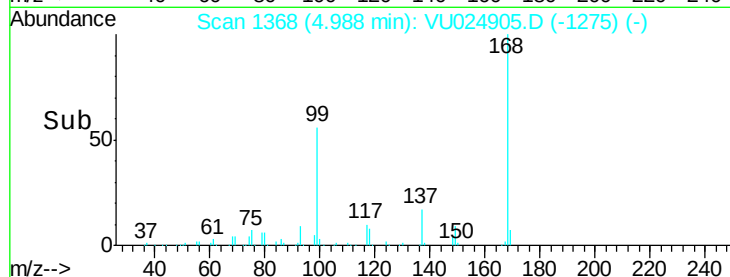


Abundance Ion 167.90 (167.60 to 168.60): VU024905.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024905.D (-1275) (-)



Time-->



#3

Chloromethane

Concen: 0.21 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU024905.D

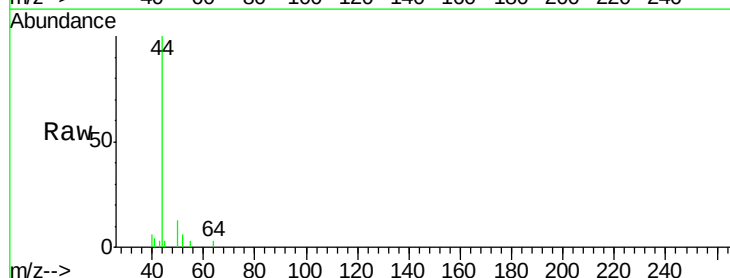
Acq: 26 Jun 2018 03:50

Tgt Ion: 50 Resp: 600

Ion Ratio Lower Upper

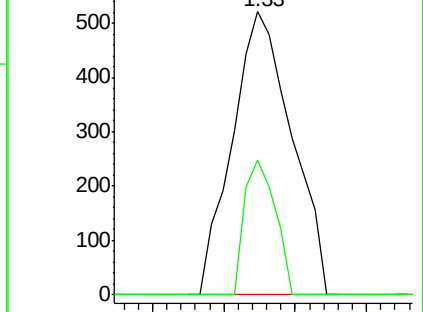
50 100

52 47.4 26.4 39.6#

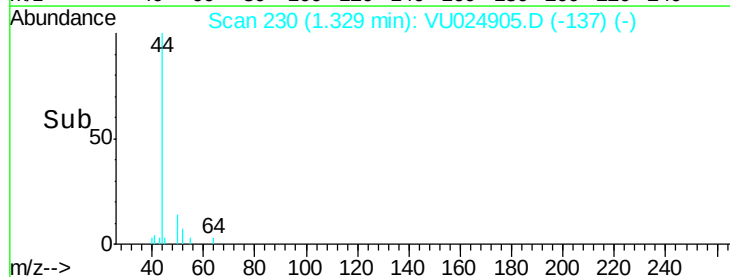


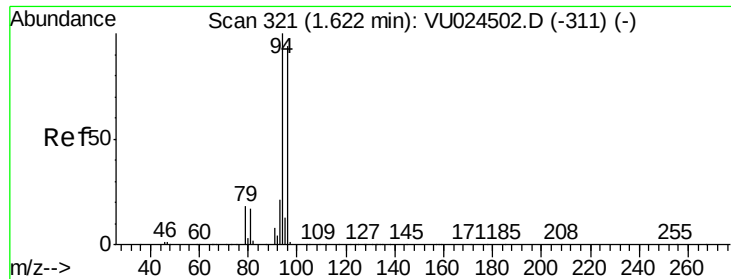
Abundance Ion 49.90 (49.60 to 50.60): VU024905.D (-137) (-)

Ion 51.90 (51.60 to 52.60): VU024905.D (-137) (-)



Time-->

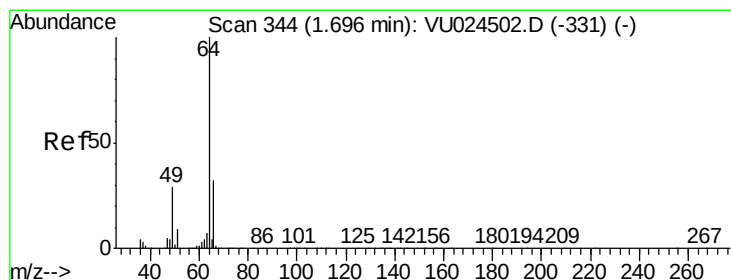
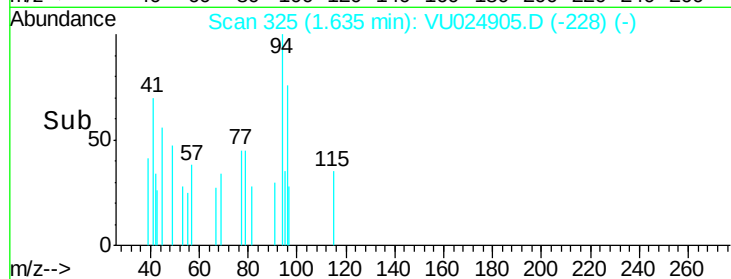
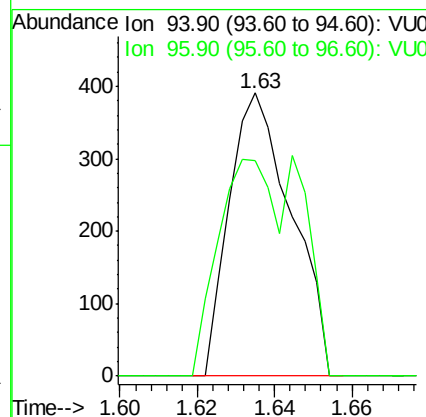
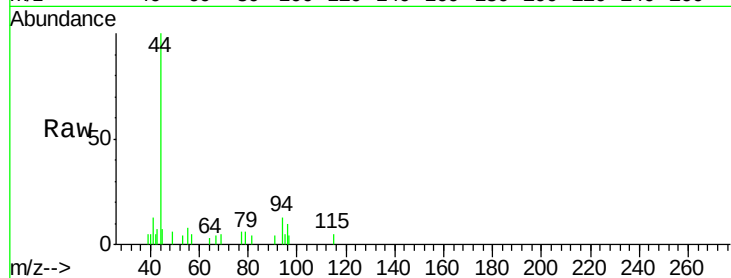




#5
Bromomethane
Concen: 0.30 ug/l
RT: 1.63 min Scan# 325
Delta R.T. 0.01 min
Lab File: VU024905.D
Acq: 26 Jun 2018 03:50

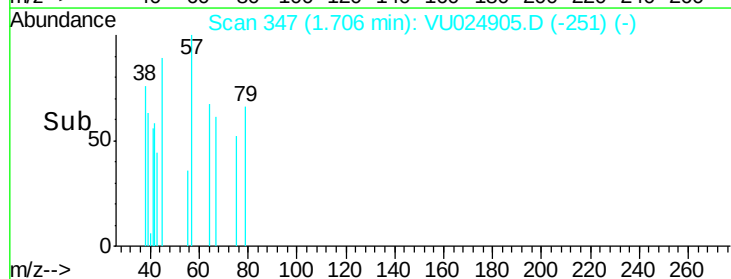
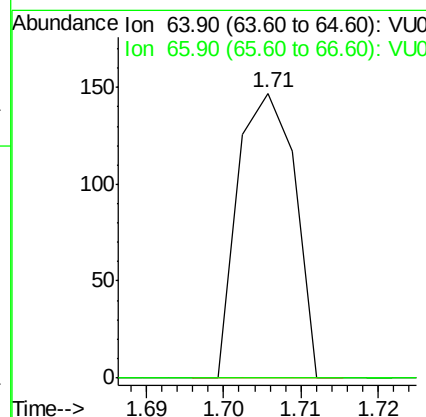
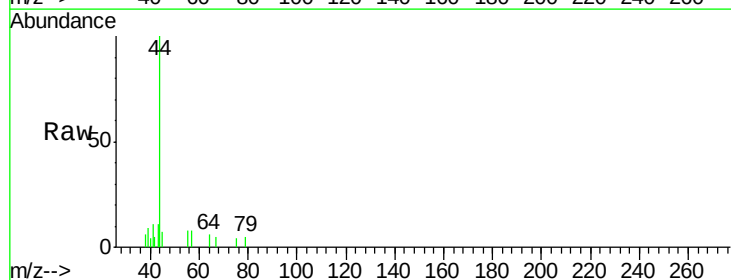
Instrument :
MSVOA_U
ClientSampleId :

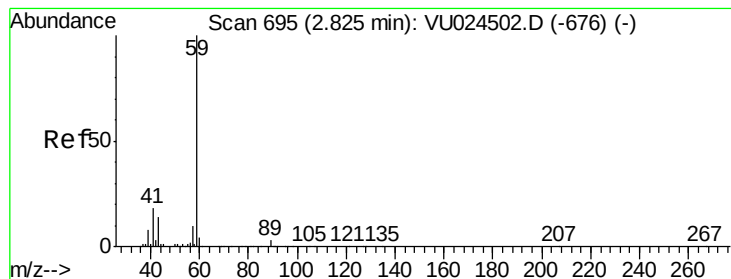
Tot Ion: 94 Resp: 437
Ion Ratio Lower Upper
94 100
96 76.2 74.5 111.7



#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 347
Delta R.T. 0.01 min
Lab File: VU024905.D
Acq: 26 Jun 2018 03:50

Tgt Ion: 64 Resp: 75
Ion Ratio Lower Upper
64 100
66 0.0 25.5 38.3#



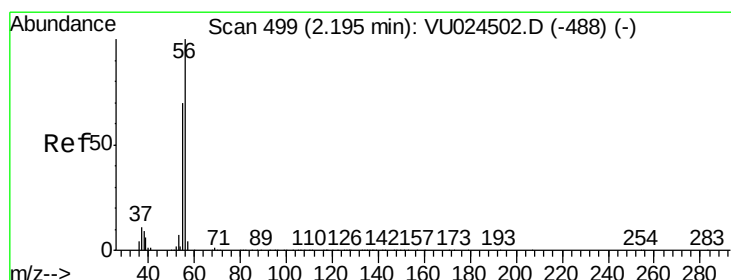
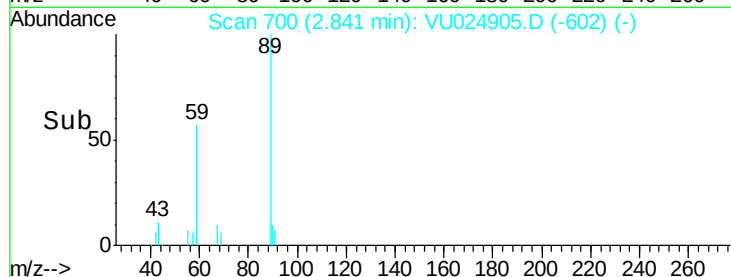
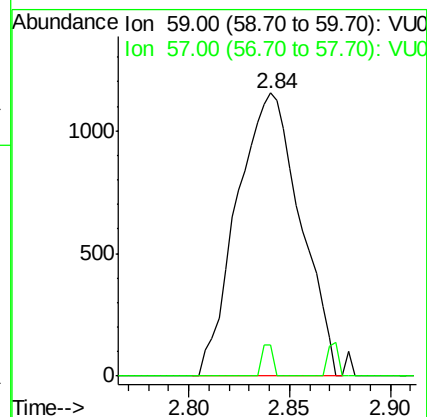
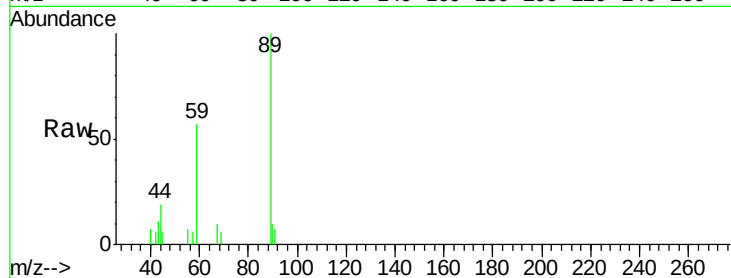


#11

Tert butyl alcohol
Concen: 2.79 ug/l
RT: 2.84 min Scan# 700
Delta R.T. 0.02 min
Lab File: VU024905.D
Acq: 26 Jun 2018 03:50

Instrument :
MSVOA_U
ClientSampled :

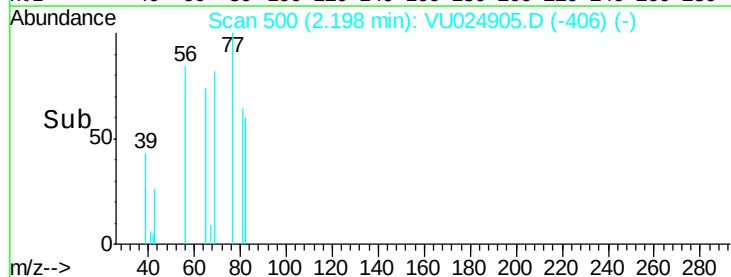
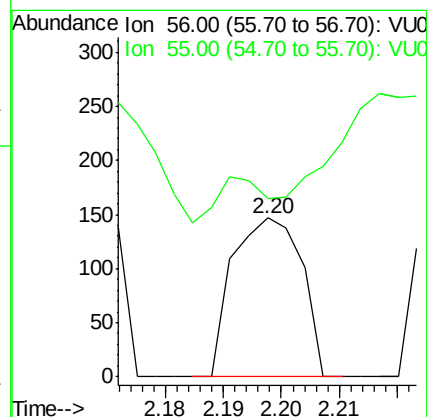
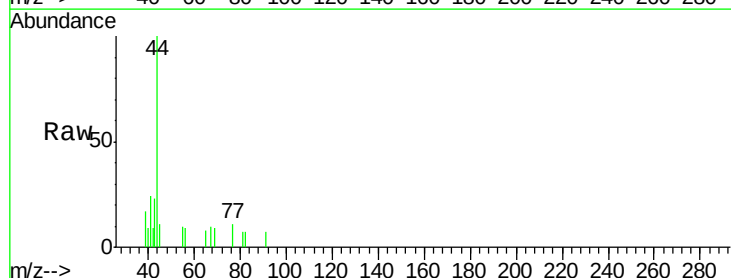
Tot Ion: 59 Resp: 2518
Ion Ratio Lower Upper
59 100
57 1.9 8.5 12.7#

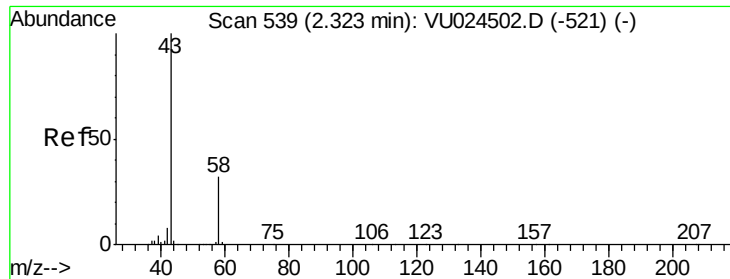


#13

Acrolein
Concen: 0.26 ug/l
RT: 2.20 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU024905.D
Acq: 26 Jun 2018 03:50

Tgt Ion: 56 Resp: 121
Ion Ratio Lower Upper
56 100
55 0.0 58.4 87.6#





#16

Acetone

Concen: 0.82 ug/l

RT: 2.33 min Scan# 542

Delta R.T. 0.01 min

Lab File: VU024905.D

Acq: 26 Jun 2018 03:50

Instrument :

MSVOA_U

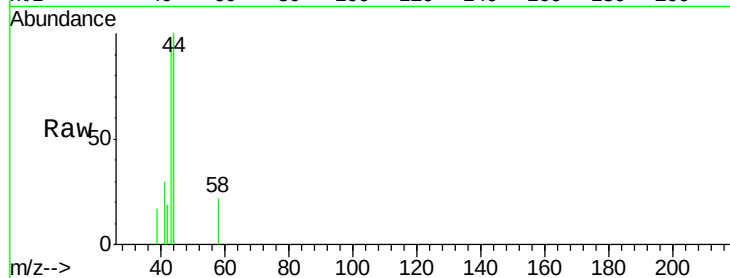
ClientSampleId :

Tot Ion: 43 Resp: 1638

Ion Ratio Lower Upper

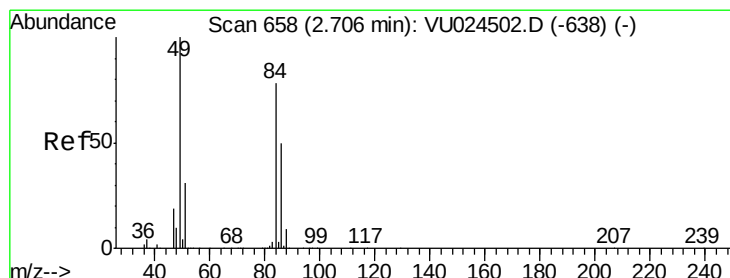
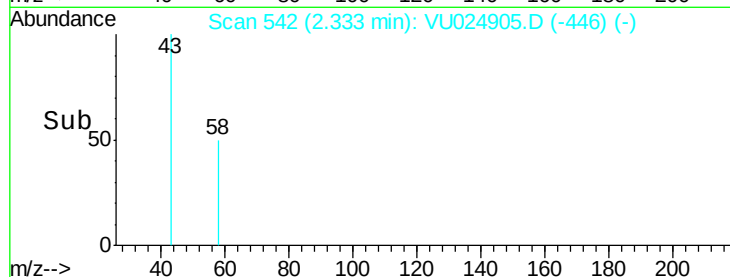
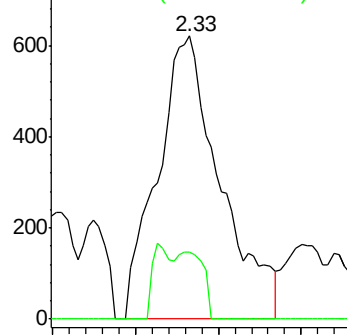
43 100

58 23.5 24.4 36.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#20

Methylene Chloride

Concen: 0.23 ug/l

RT: 2.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: VU024905.D

Acq: 26 Jun 2018 03:50

Tgt Ion: 84 Resp: 725

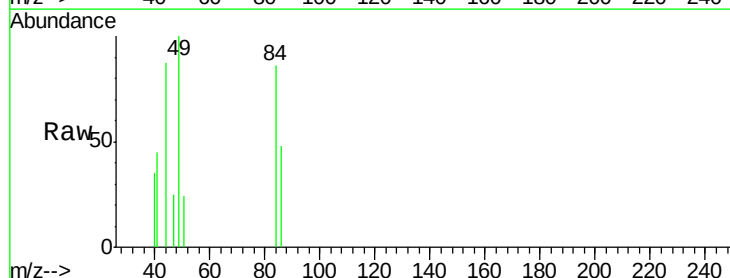
Ion Ratio Lower Upper

84 100

49 116.1 103.8 155.8

51 27.8 32.0 48.0#

86 55.3 51.6 77.4

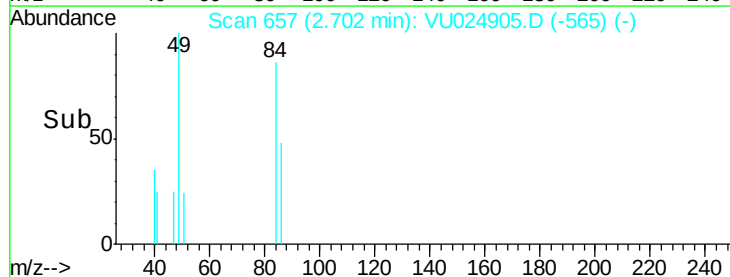
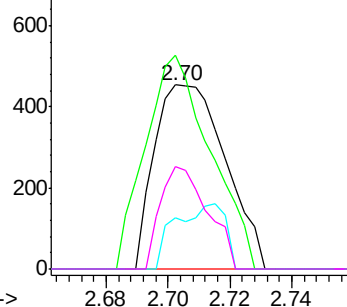


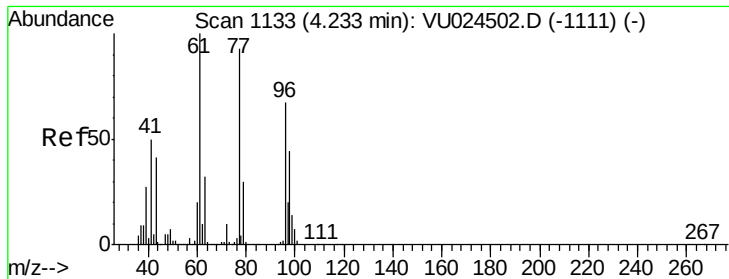
Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0





#27

cis-1,2-Dichloroethene

Concen: 0.25 ua/l

RT: 4.23 min Scan# 1132

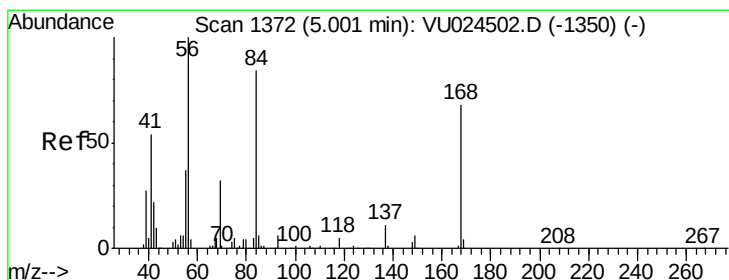
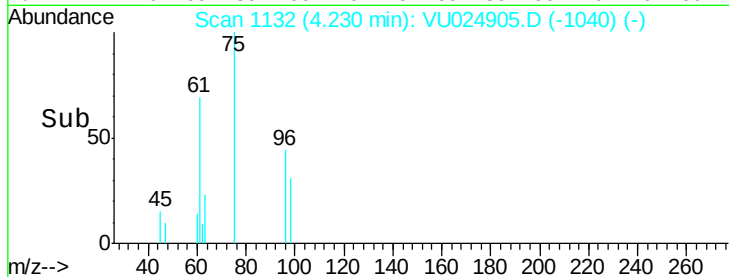
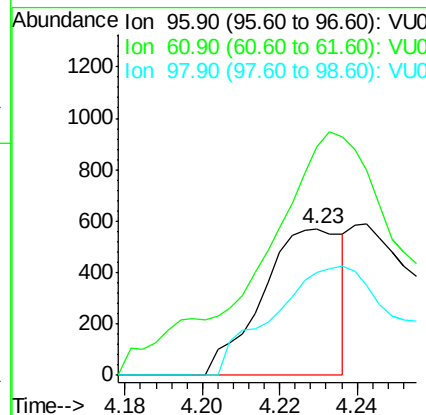
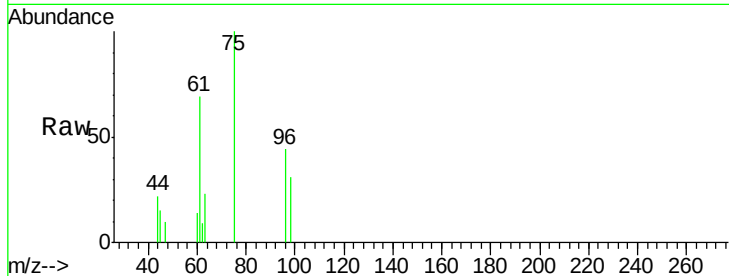
Delta R.T. -0.00 min

Lab File: VU024905.D

Acq: 26 Jun 2018 03:50

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	96	Resp:	820
Ion	Ratio	Lower	Upper
96	100		
61	304.5	0.0	306.6
98	114.0	0.0	128.8



#31

Cyclohexane

Concen: Below Cal

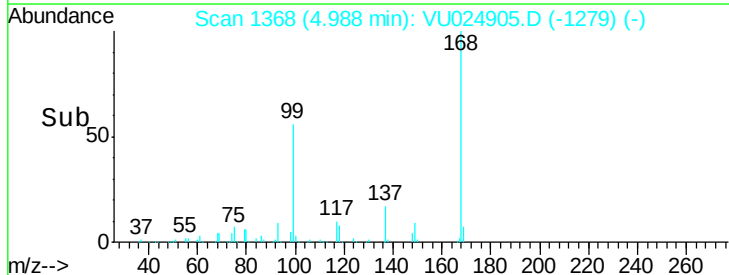
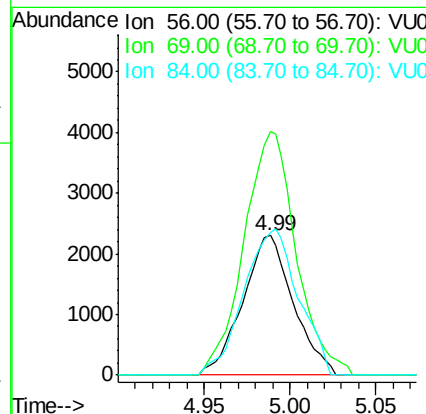
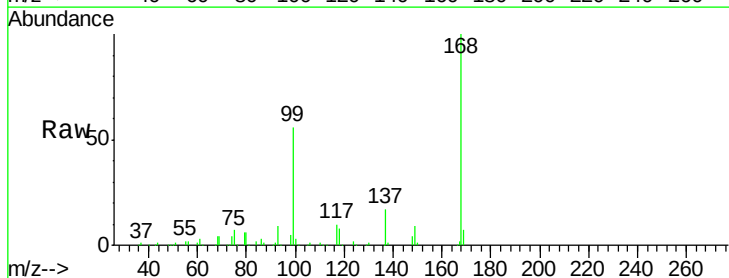
RT: 4.99 min Scan# 1368

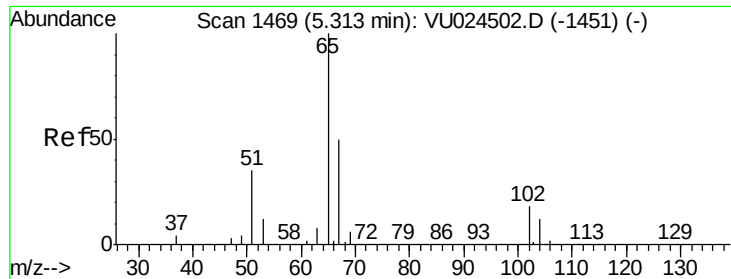
Delta R.T. -0.01 min

Lab File: VU024905.D

Acq: 26 Jun 2018 03:50

Tgt Ion:	56	Resp:	4694
Ion	Ratio	Lower	Upper
56	100		
69	174.5	24.8	37.2#
84	102.3	65.2	97.8#

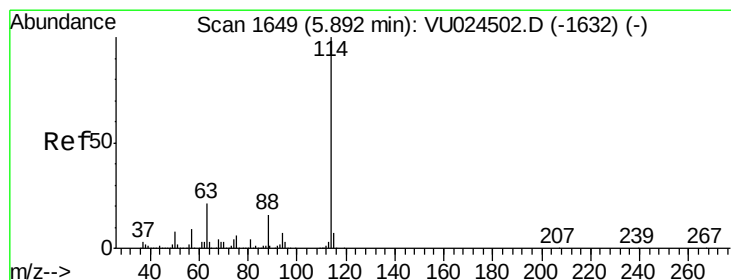
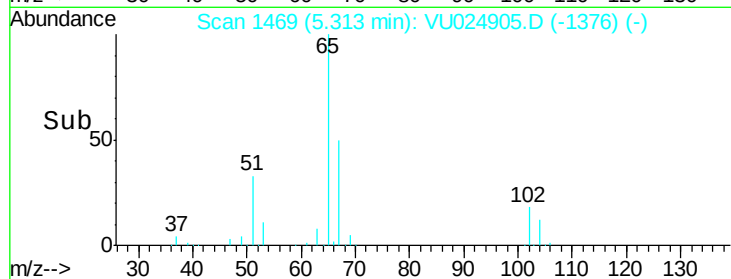
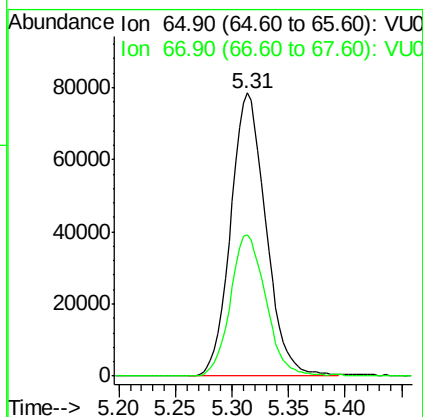
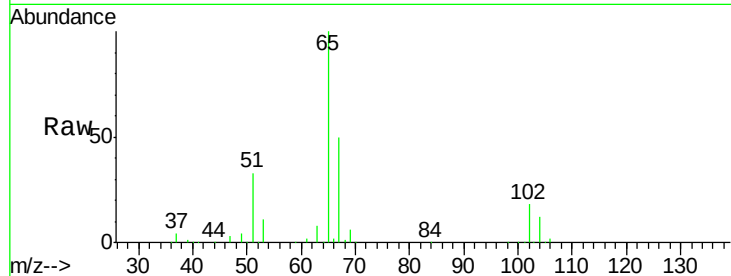




#33
 1,2-Dichloroethane-d4
 Concen: 45.81 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024905.D
 Acq: 26 Jun 2018 03:50

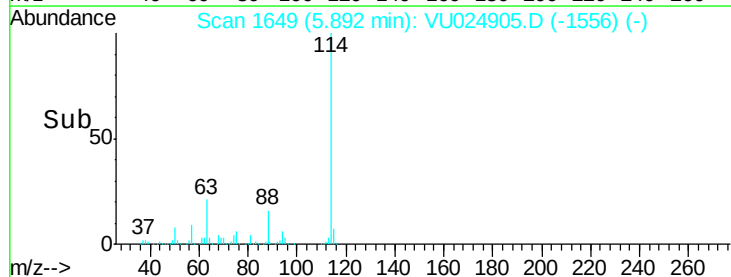
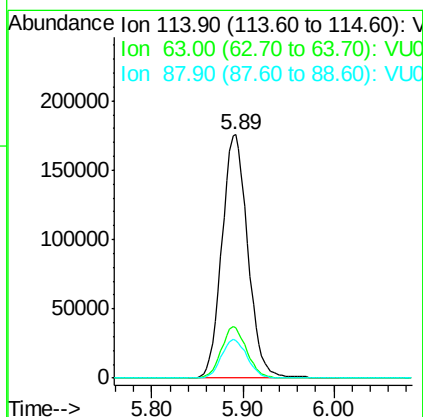
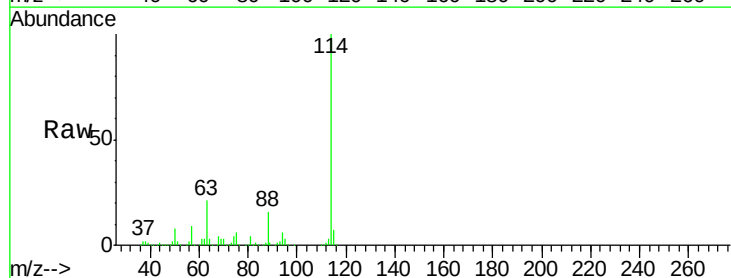
Instrument :
 MSVOA_U
 ClientSampled :

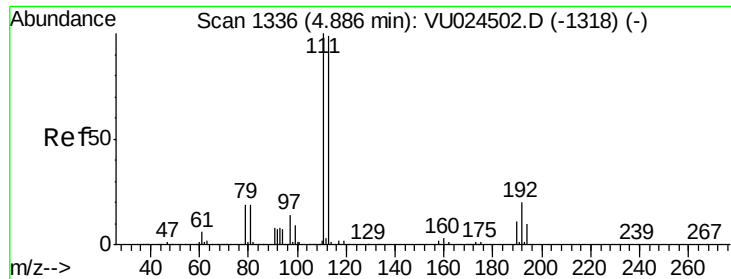
Tot Ion: 65 Resp: 169978
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU024905.D
 Acq: 26 Jun 2018 03:50

Tgt Ion: 114 Resp: 347671
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 45.4
 88 15.6 0.0 31.0

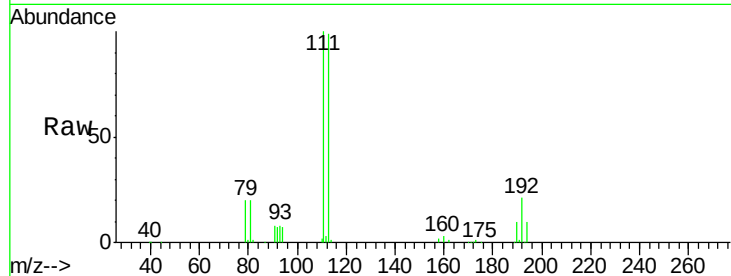




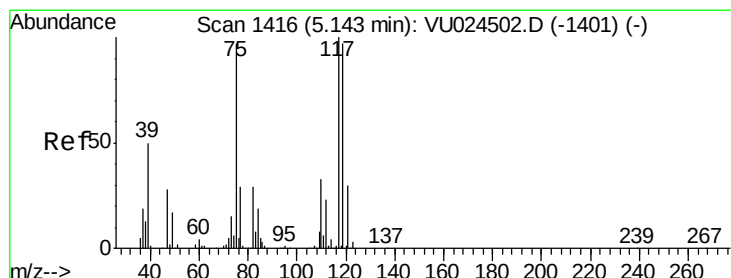
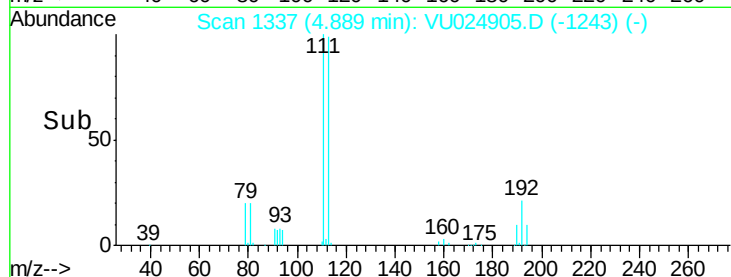
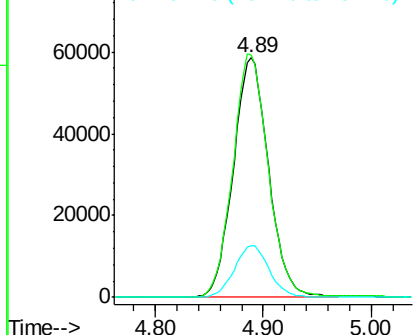
#35
 Dibromofluoromethane
 Concen: 46.24 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024905.D
 Acq: 26 Jun 2018 03:50

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.2	123.4
192	21.4	16.2	24.4

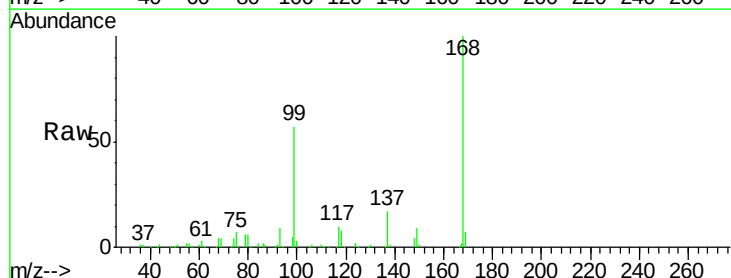


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

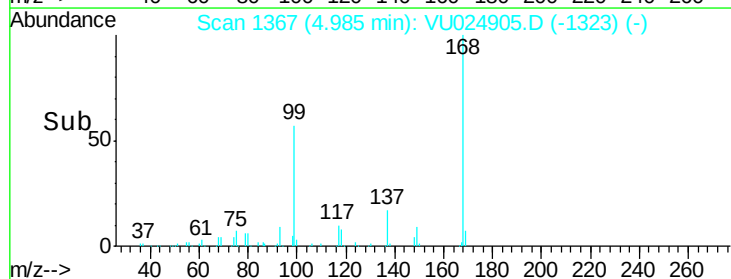
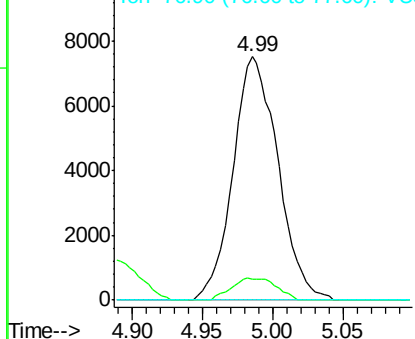


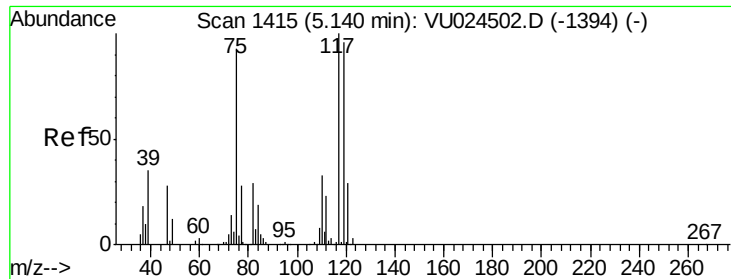
#36
 1,1-Dichloropropene
 Concen: 4.10 ug/l
 RT: 4.99 min Scan# 1367
 Delta R.T. -0.16 min
 Lab File: VU024905.D
 Acq: 26 Jun 2018 03:50

Tgt 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): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0





#38

Carbon Tetrachloride

Concen: 4.87 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU024905.D

Acq: 26 Jun 2018 03:50

Instrument :

MSVOA_U

ClientSampled :

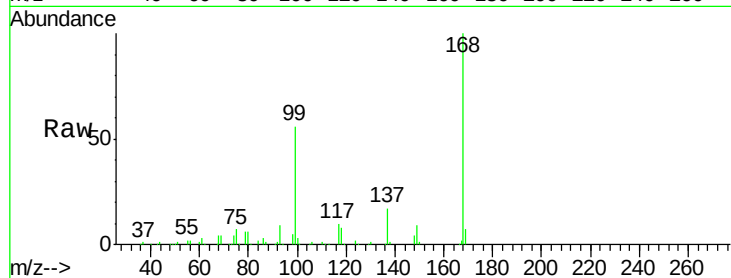
Tot Ion:117 Resp: 21897

Ion Ratio Lower Upper

117 100

119 3.9 76.1 114.1#

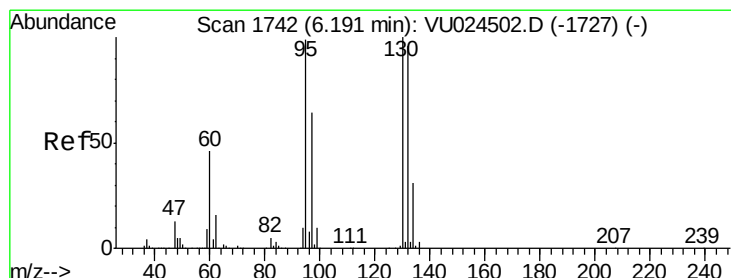
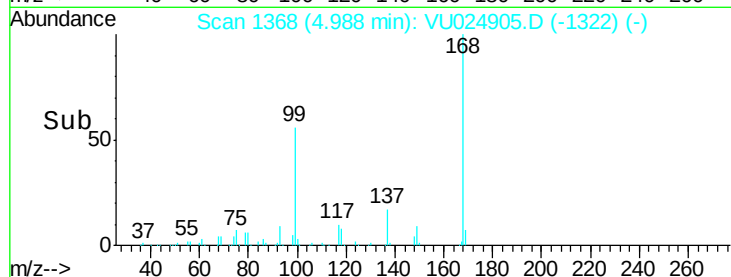
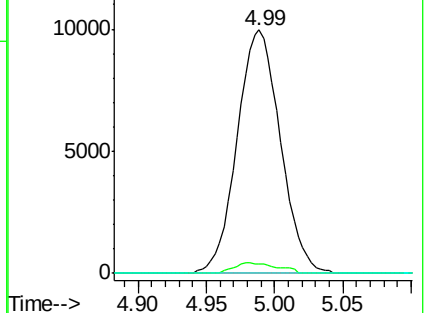
121 0.0 23.7 35.5#



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



#44

Trichloroethene

Concen: 4.98 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU024905.D

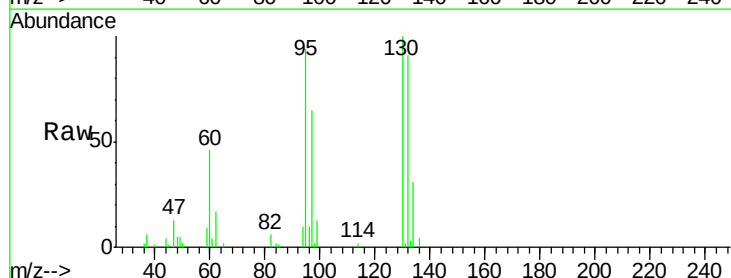
Acq: 26 Jun 2018 03:50

Tgt Ion:130 Resp: 16494

Ion Ratio Lower Upper

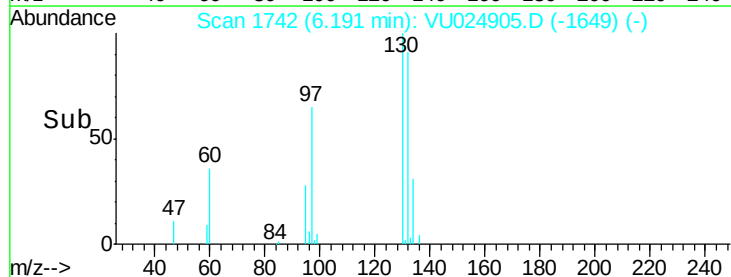
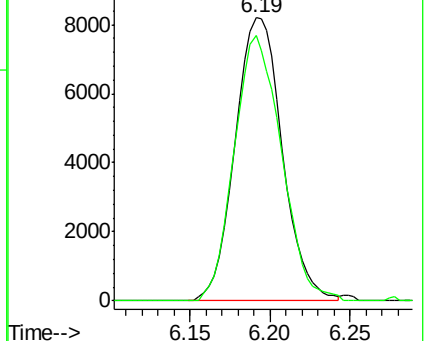
130 100

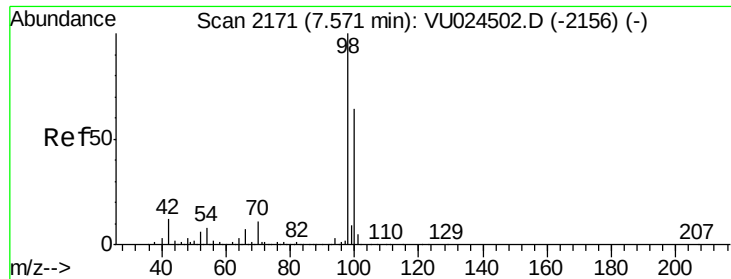
95 93.6 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

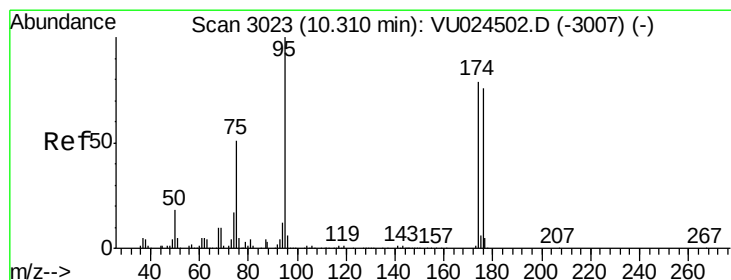
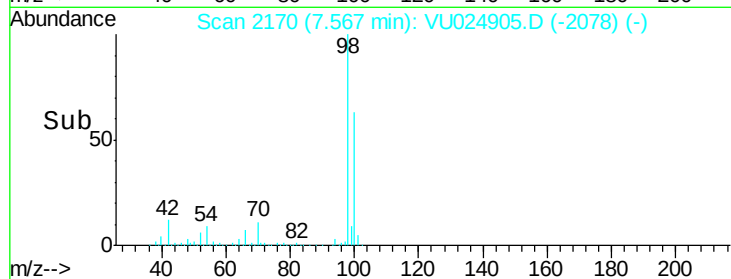
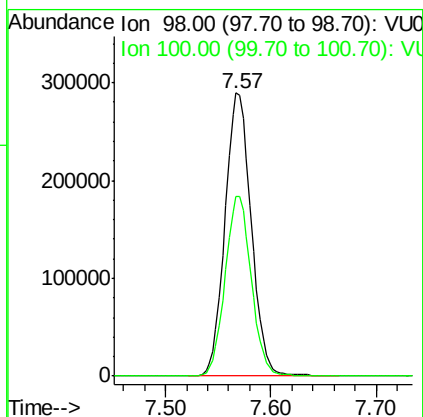
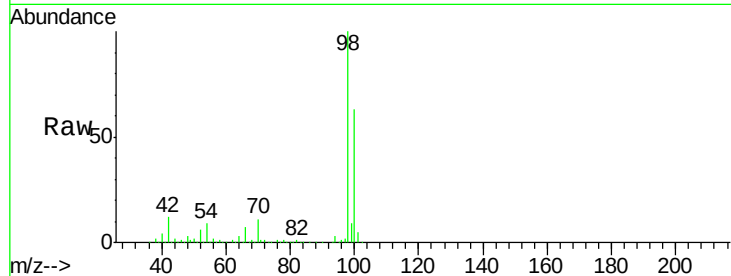




#50
Toluene-d8
Concen: 47.37 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024905.D
Acq: 26 Jun 2018 03:50

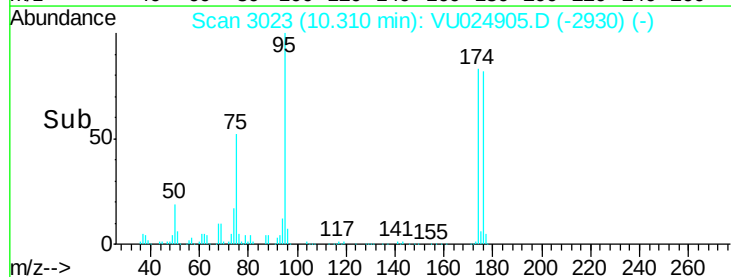
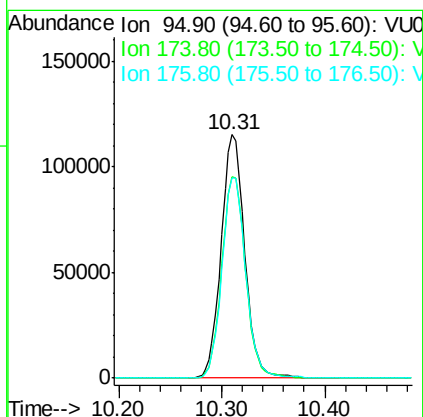
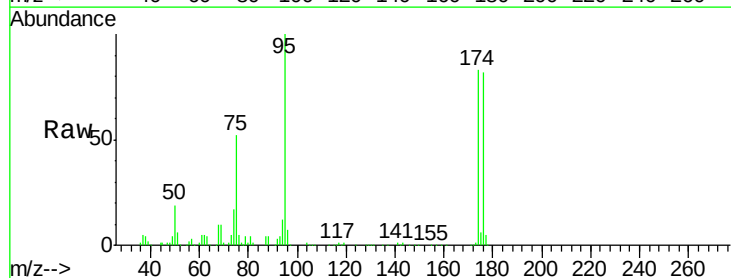
Instrument :
MSVOA_U
ClientSampleId :

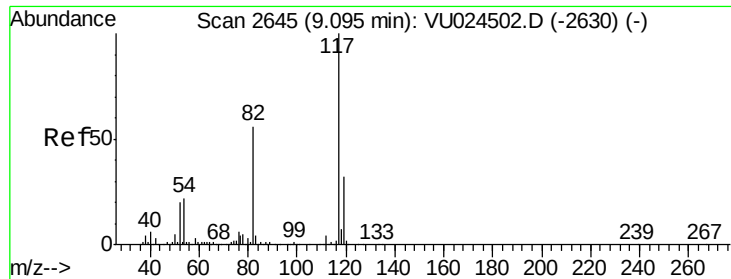
Tot Ion: 98 Resp: 498541
Ion Ratio Lower Upper
98 100
100 63.4 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 43.90 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU024905.D
Acq: 26 Jun 2018 03:50

Tgt Ion: 95 Resp: 183442
Ion Ratio Lower Upper
95 100
174 83.8 0.0 165.8
176 83.2 0.0 159.4

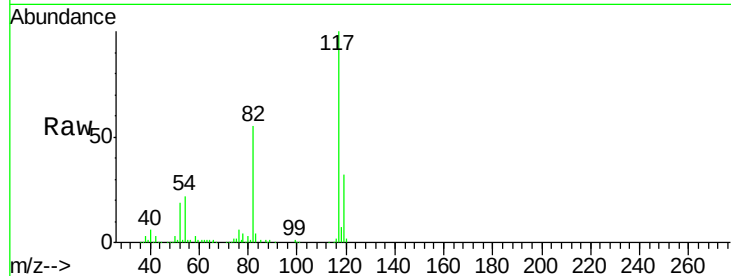




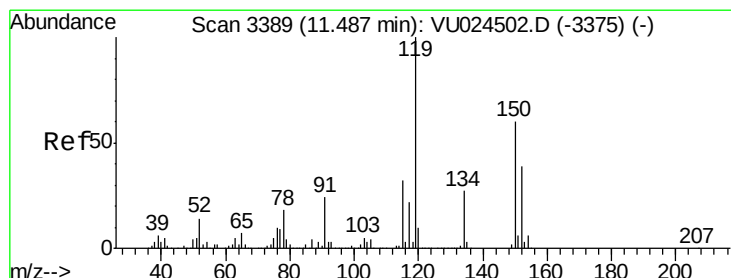
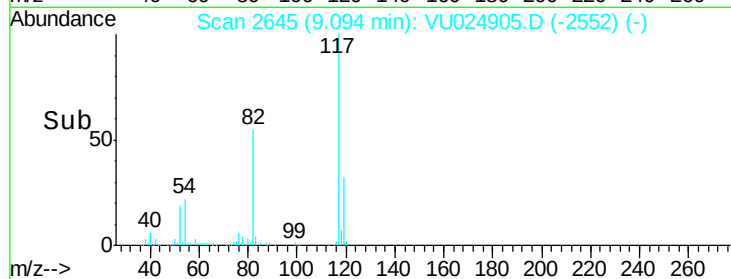
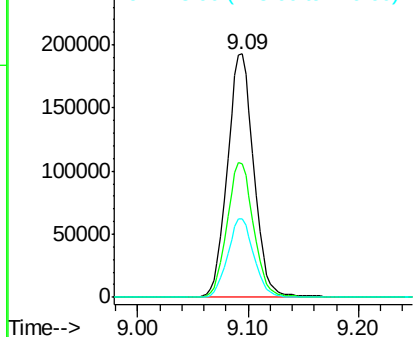
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024905.D
Acq: 26 Jun 2018 03:50

Instrument :
MSVOA_U
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.3	66.5
119	32.3	25.4	38.2

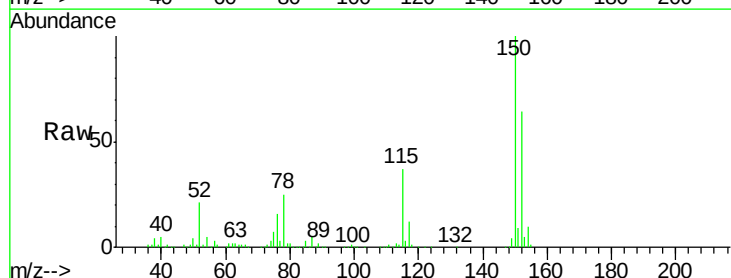


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

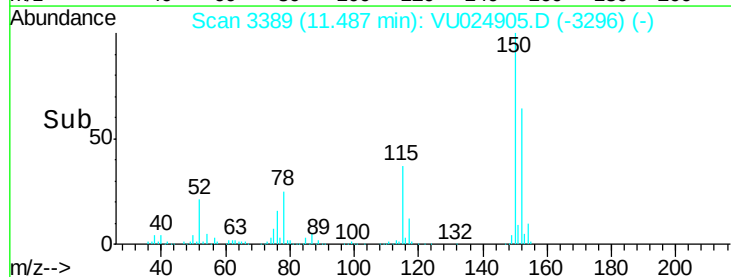
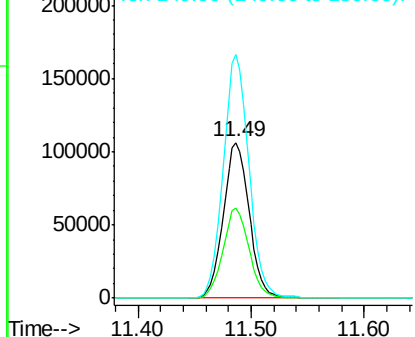


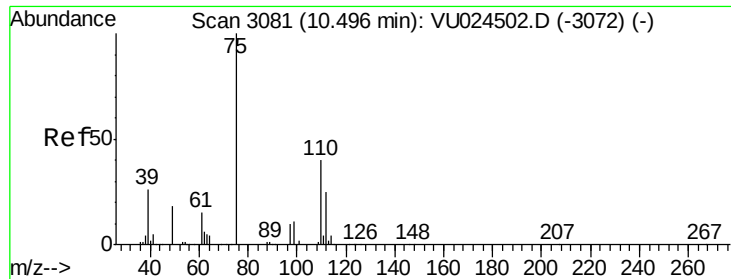
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU024905.D
Acq: 26 Jun 2018 03:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	43.0	129.0
150	155.4	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

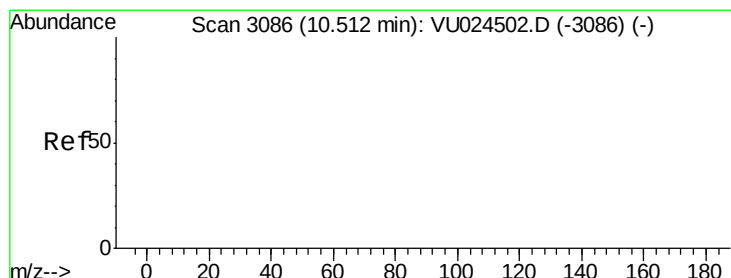
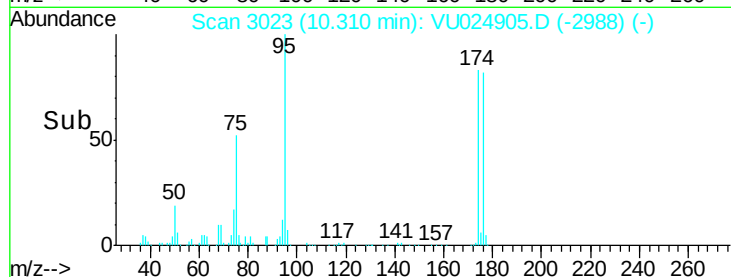
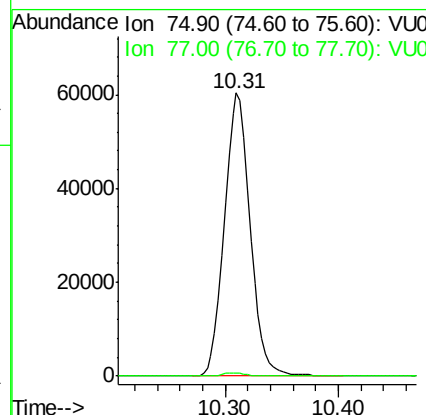
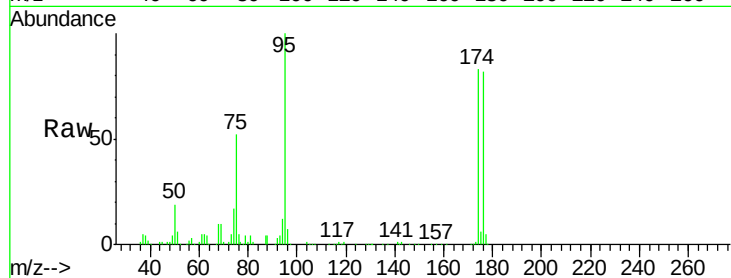




#76
 1,2,3-Trichloropropane
 Concen: 25.66 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.19 min
 Lab File: VU024905.D
 Acq: 26 Jun 2018 03:50

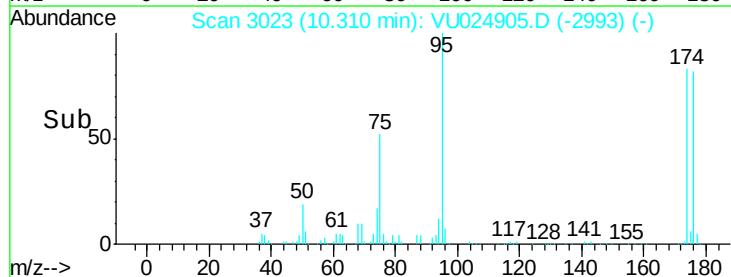
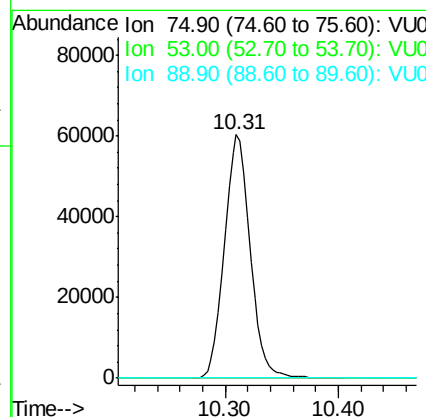
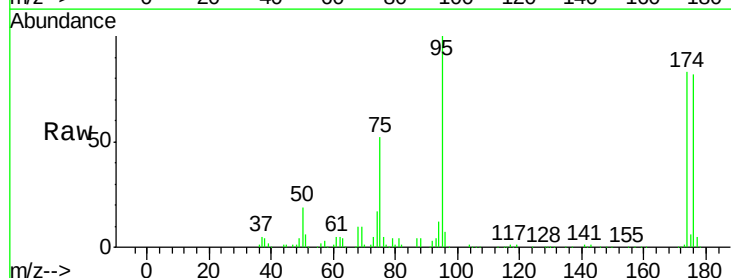
Instrument :
 MSVOA_U
 ClientSampled :

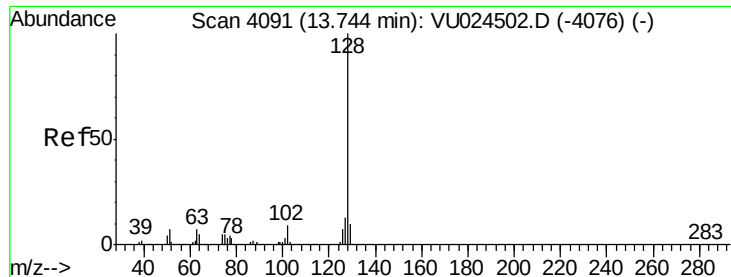
Tot Ion: 75 Resp: 95559
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.9 62.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.40 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.20 min
 Lab File: VU024905.D
 Acq: 26 Jun 2018 03:50

Tgt Ion: 75 Resp: 95559
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0





#95

Naphthalene

Concen: 0.68 ug/l

RT: 13.79 min Scan# 4105

Delta R.T. 0.05 min

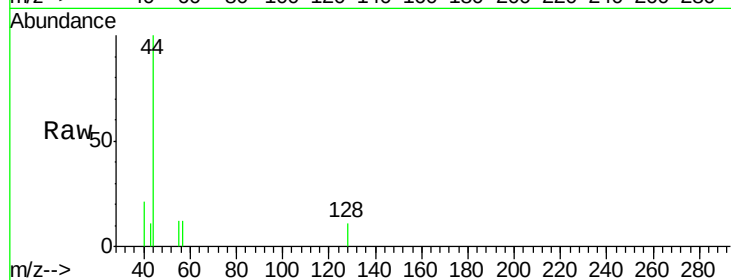
Lab File: VU024905.D

Acq: 26 Jun 2018 03:50

Instrument :

MSVOA_U

ClientSampleId :



Tot Ion:	128	Resp:	19
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	12.8#

