

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
 Data File : VU024713.D
 Acq On : 19 Jun 2018 01:06
 Operator : MD/SY
 Sample : J3535-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 Z2TB01-180613

Quant Time: Jun 19 05:19:26 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

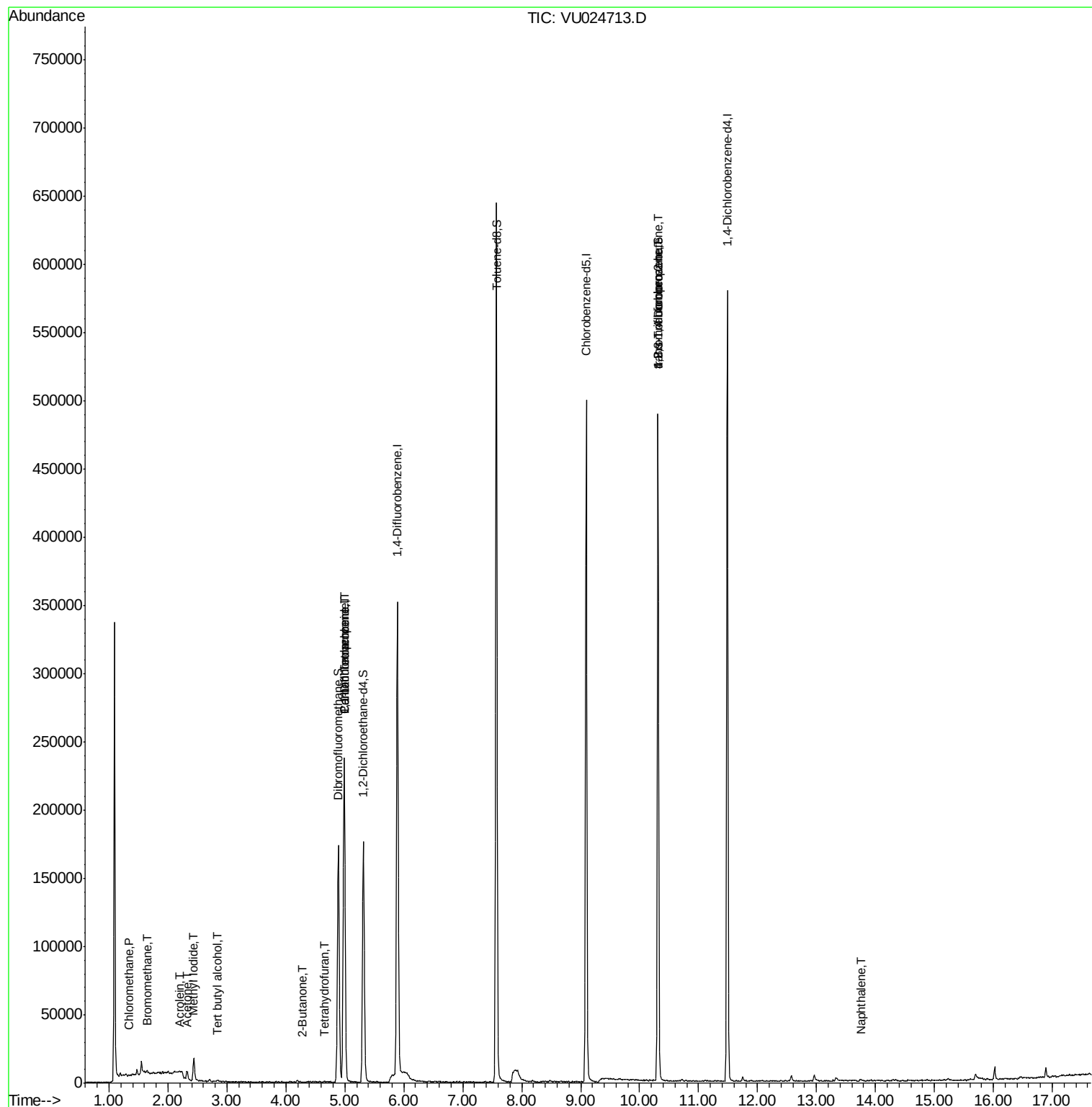
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	189819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	297326	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	276055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	149119	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	132981	42.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.82%	
35) Dibromofluoromethane	4.89	113	117602	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
50) Toluene-d8	7.57	98	432907	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
62) 4-Bromofluorobenzene	10.31	95	156320	43.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.48%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	676	0.278 ug/l	#	87
5) Bromomethane	1.64	94	541	0.447 ug/l	#	74
6) Chloroethane	1.71	64	84	Below Cal	#	43
10) Methyl Iodide	2.42	142	298	5.421 ug/l	#	77
11) Tert butyl alcohol	2.83	59	179	0.238 ug/l	#	29
13) Acrolein	2.20	56	214	0.541 ug/l	#	53
16) Acetone	2.32	43	6793	4.080 ug/l		99
25) 2-Butanone	4.28	43	456	0.204 ug/l	#	51
29) Tetrahydrofuran	4.65	42	435	0.314 ug/l	#	49
31) Cyclohexane	4.99	56	3799	Below Cal	#	1
36) 1,1-Dichloropropene	4.99	75	13042	3.733 ug/l	#	50
38) Carbon Tetrachloride	4.99	117	17118	4.455 ug/l	#	17
76) 1,2,3-Trichloropropane	10.31	75	78477	23.904 ug/l	#	36
81) trans-1,4-Dichloro-2-buten	10.31	75	78477	55.323 ug/l	#	100
95) Naphthalene	13.75	128	1269	0.793 ug/l	#	76

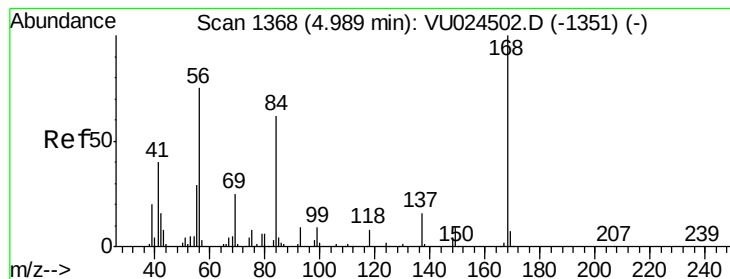
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024713.D
Acq On : 19 Jun 2018 01:06
Operator : MD/SY
Sample : J3535-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
Z2TB01-180613

Quant Time: Jun 19 05:19:26 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# 1368

Delta R.T. -0.00 min

Lab File: VU024713.D

Acq: 19 Jun 2018 01:06

Instrument :

MSVOA_U

ClientSampleId :

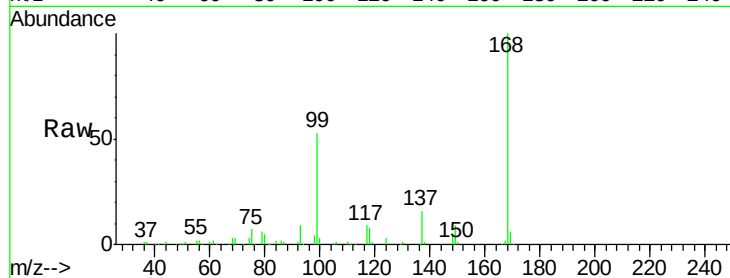
Z2TB01-180613

Tgt Ion:168 Resp: 189819

Ion Ratio Lower Upper

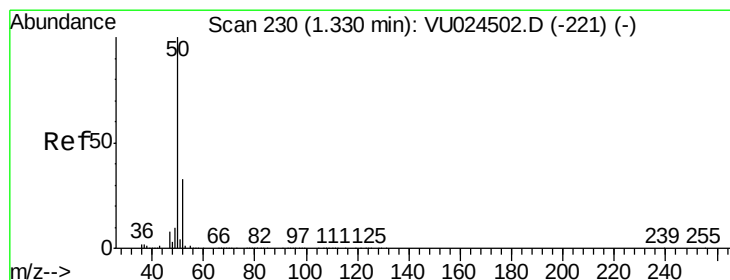
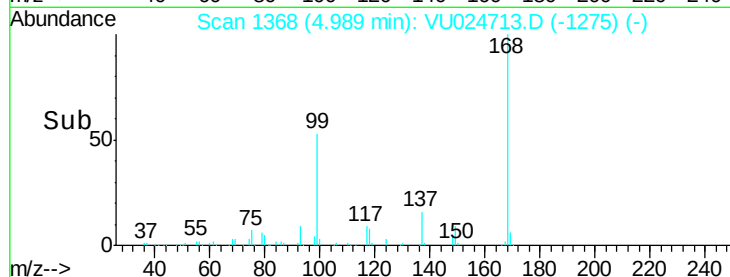
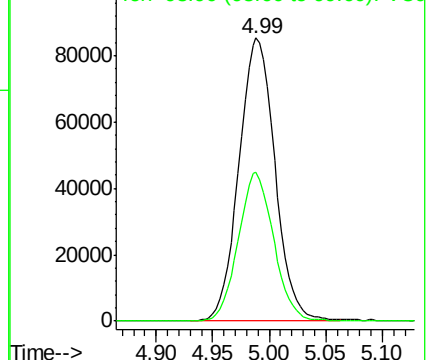
168 100

99 52.5 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)



#3

Chloromethane

Concen: 0.278 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU024713.D

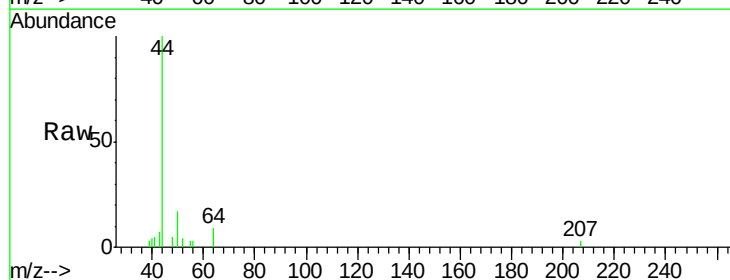
Acq: 19 Jun 2018 01:06

Tgt Ion: 50 Resp: 676

Ion Ratio Lower Upper

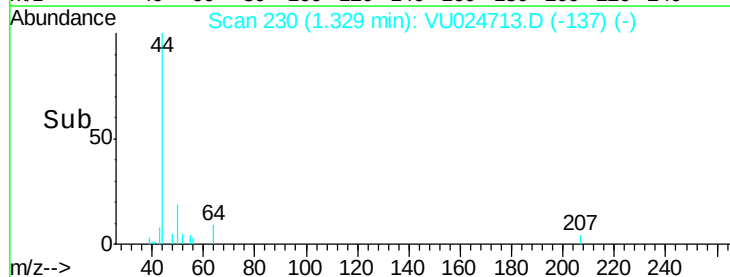
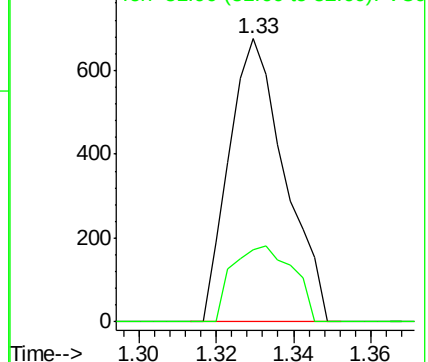
50 100

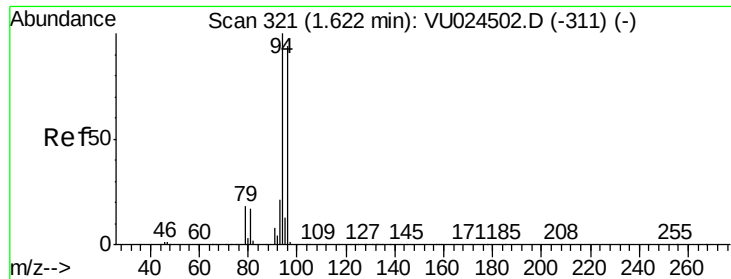
52 25.6 26.4 39.6#



Abundance Ion 49.90 (49.60 to 50.60): VU024502.D (-221) (-)

Ion 51.90 (51.60 to 52.60): VU024502.D (-221) (-)





#5

Bromomethane

Concen: 0.447 ug/l

RT: 1.64 min Scan# 326

Delta R.T. 0.02 min

Lab File: VU024713.D

Acq: 19 Jun 2018 01:06

Instrument :

MSVOA_U

ClientSampleId :

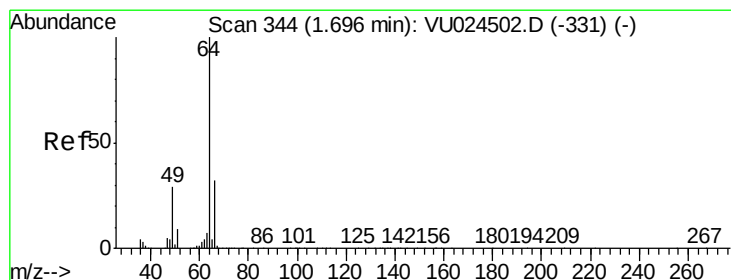
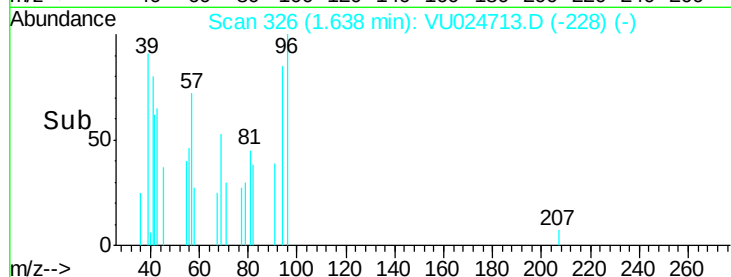
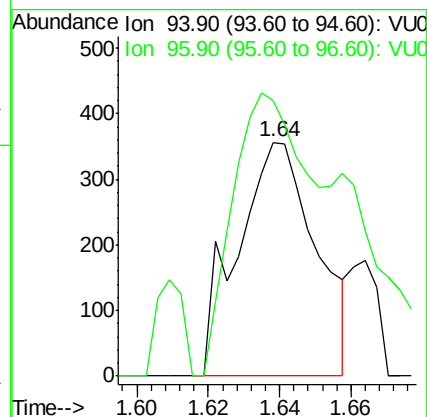
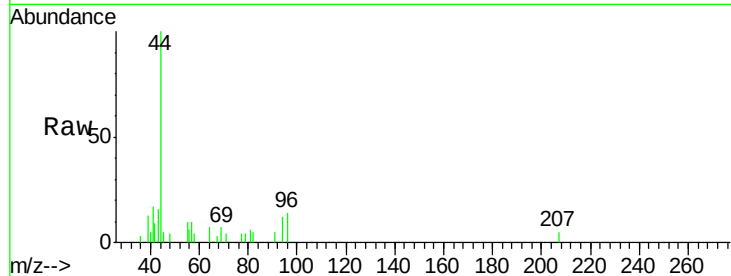
Z2TB01-180613

Tgt Ion: 94 Resp: 541

Ion Ratio Lower Upper

94 100

96 117.6 74.5 111.7#



#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 349

Delta R.T. 0.02 min

Lab File: VU024713.D

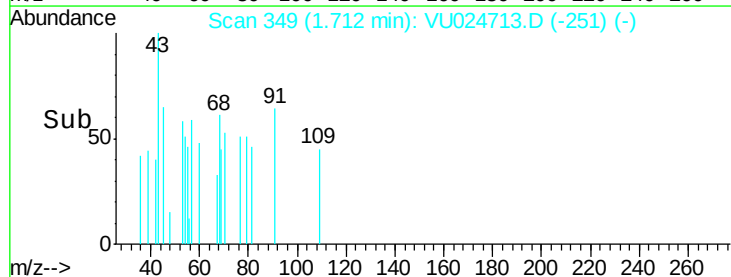
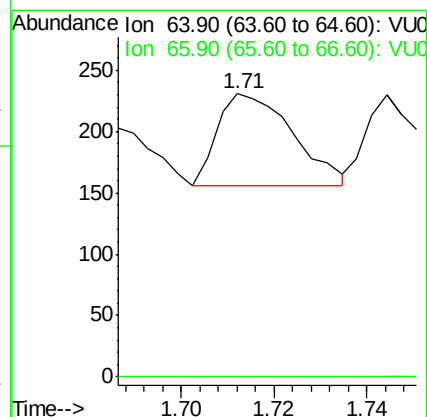
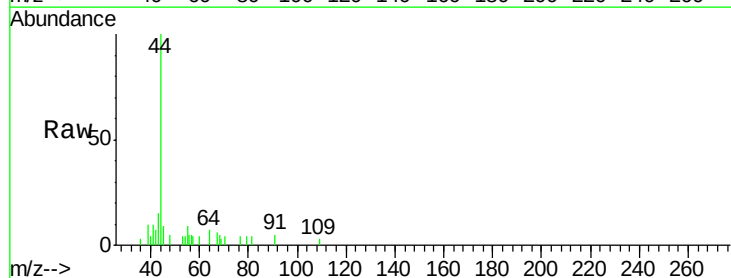
Acq: 19 Jun 2018 01:06

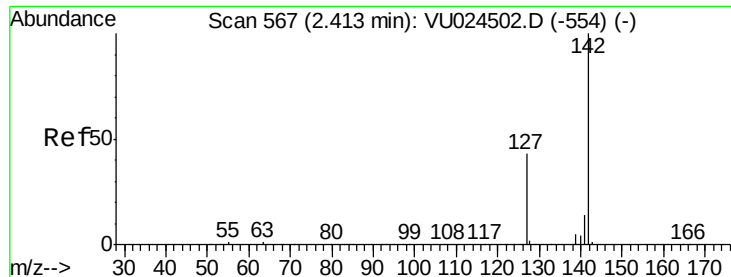
Tgt Ion: 64 Resp: 84

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#

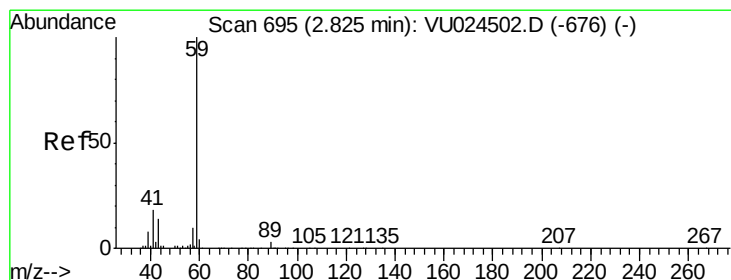
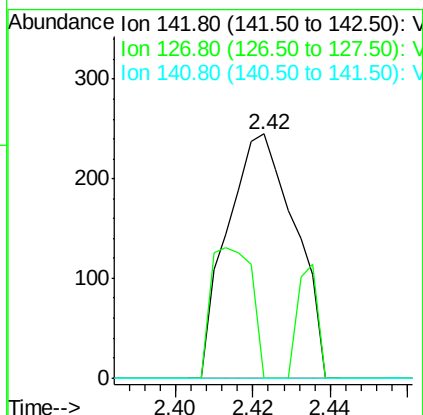
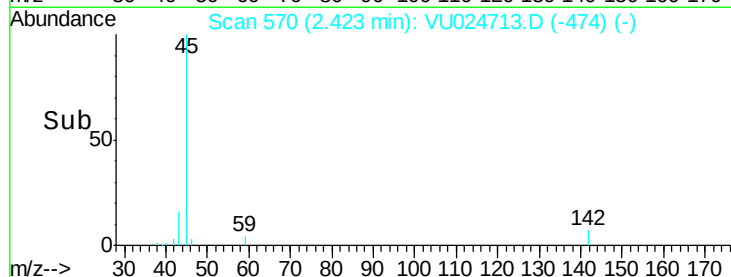
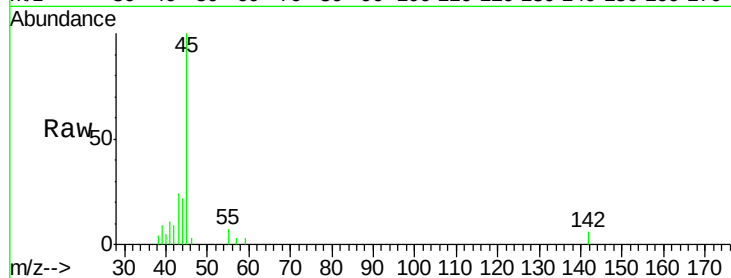




#10
Methyl Iodide
Concen: 5.421 ug/l
RT: 2.42 min Scan# 570
Delta R.T. 0.01 min
Lab File: VU024713.D
Acq: 19 Jun 2018 01:06

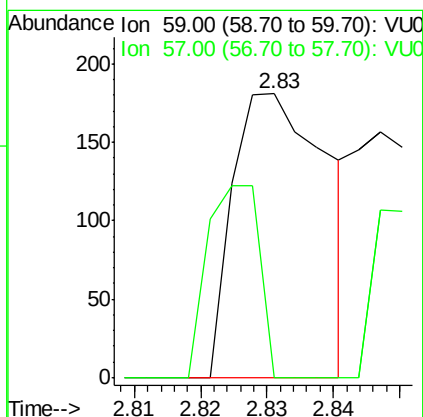
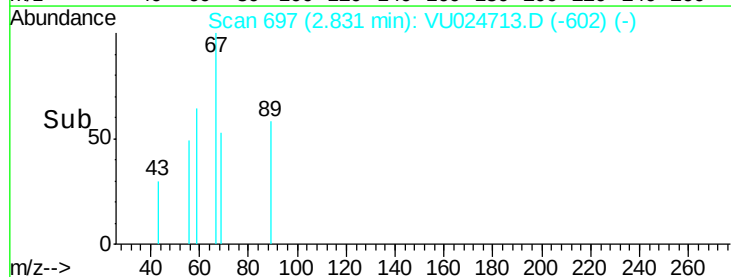
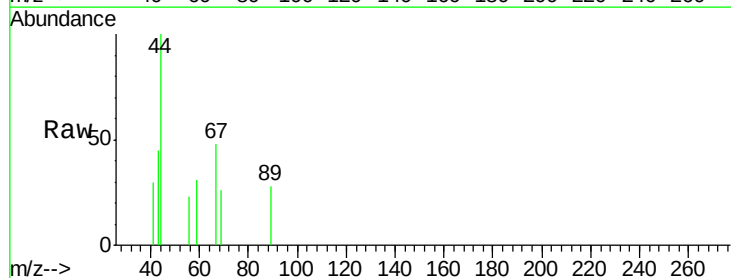
Instrument :
MSVOA_U
ClientSampleId :
Z2TB01-180613

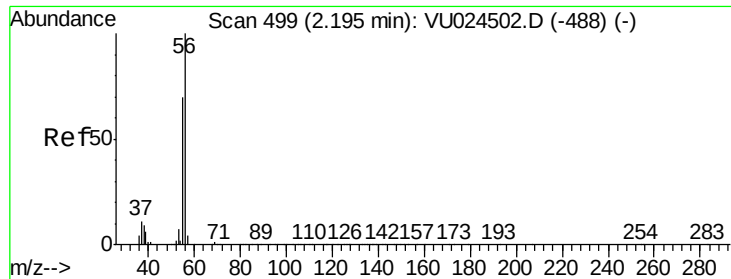
Tgt Ion: 142 Resp: 298
Ion Ratio Lower Upper
142 100
127 32.2 35.6 53.4#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 0.238 ug/l
RT: 2.83 min Scan# 697
Delta R.T. 0.01 min
Lab File: VU024713.D
Acq: 19 Jun 2018 01:06

Tgt Ion: 59 Resp: 179
Ion Ratio Lower Upper
59 100
57 37.4 8.5 12.7#

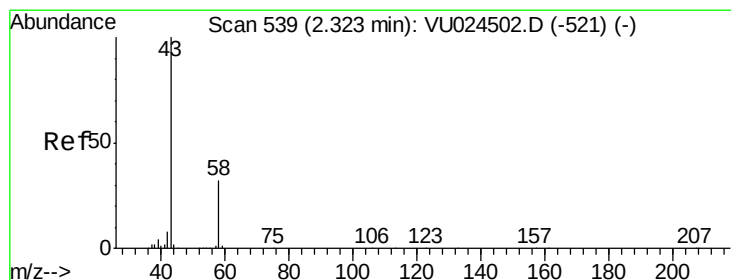
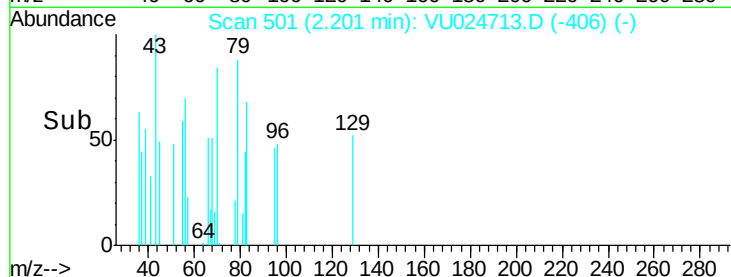
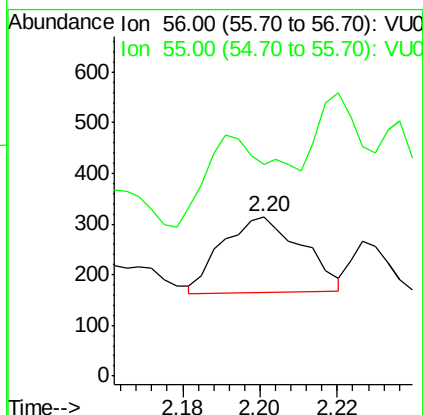
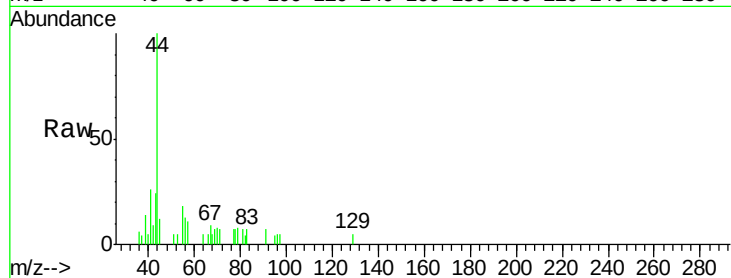




#13
Acrolein
Concen: 0.541 ug/l
RT: 2.20 min Scan# 501
Delta R.T. 0.01 min
Lab File: VU024713.D
Acq: 19 Jun 2018 01:06

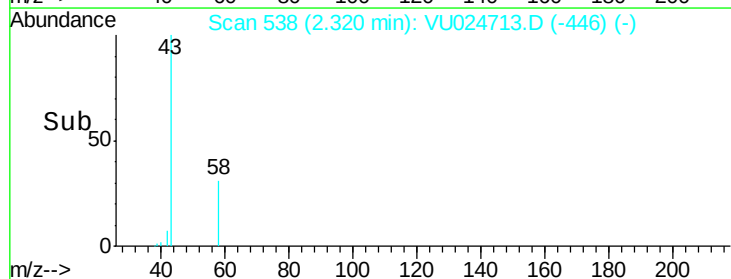
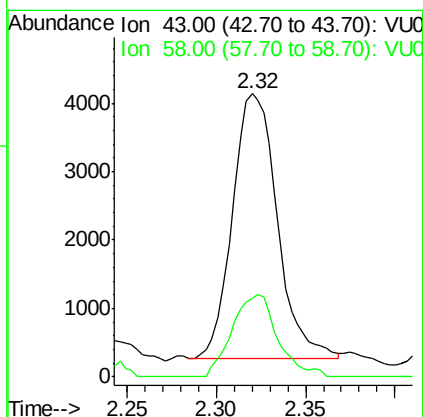
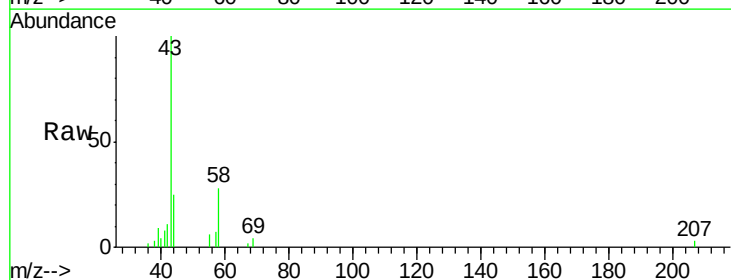
Instrument :
MSVOA_U
ClientSampleId :
Z2TB01-180613

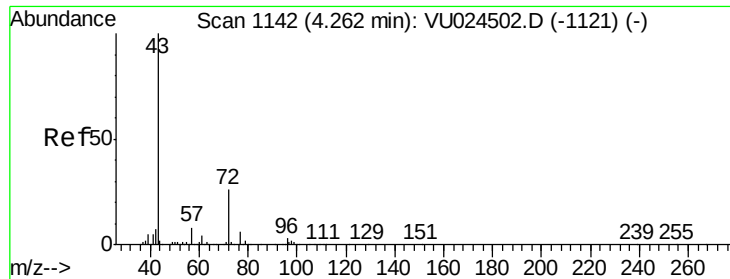
Tgt Ion: 56 Resp: 214
Ion Ratio Lower Upper
56 100
55 112.6 58.4 87.6#



#16
Acetone
Concen: 4.080 ug/l
RT: 2.32 min Scan# 538
Delta R.T. -0.00 min
Lab File: VU024713.D
Acq: 19 Jun 2018 01:06

Tgt Ion: 43 Resp: 6793
Ion Ratio Lower Upper
43 100
58 29.8 24.4 36.6

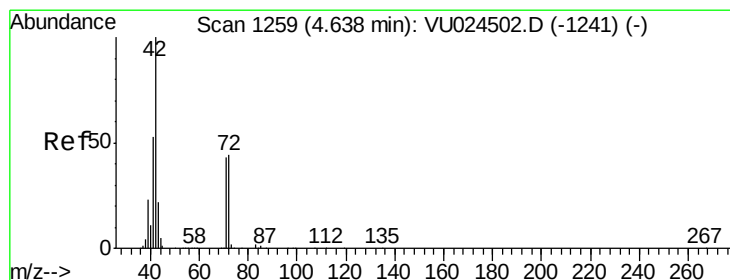
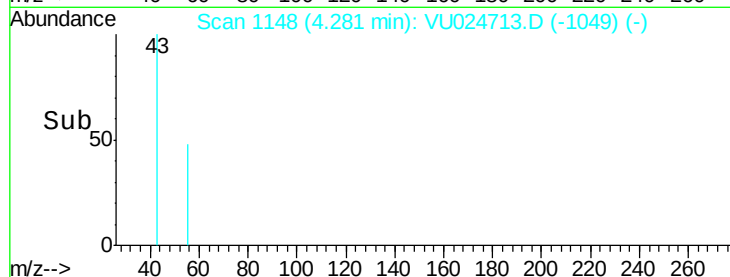
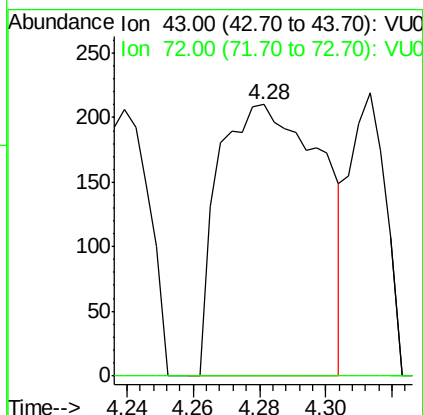
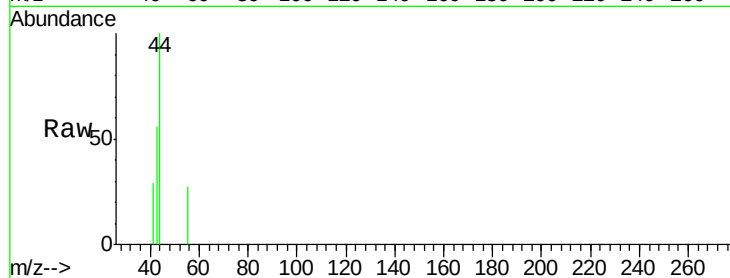




#25
2-Butanone
Concen: 0.204 ug/l
RT: 4.28 min Scan# 1148
Delta R.T. 0.02 min
Lab File: VU024713.D
Acq: 19 Jun 2018 01:06

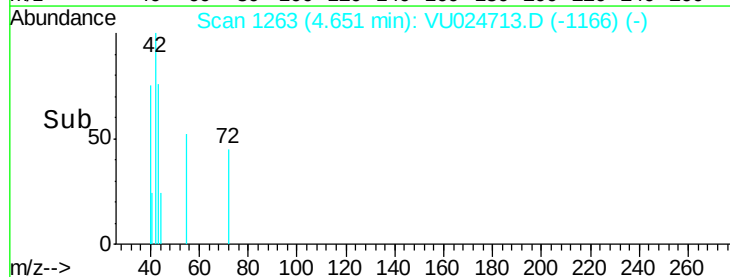
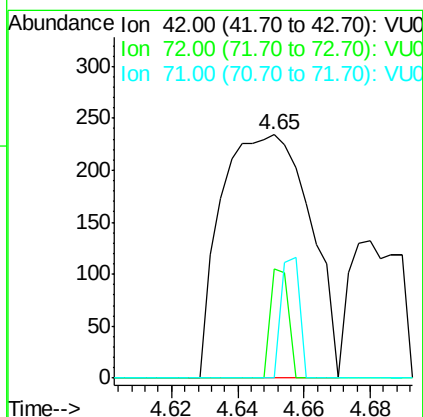
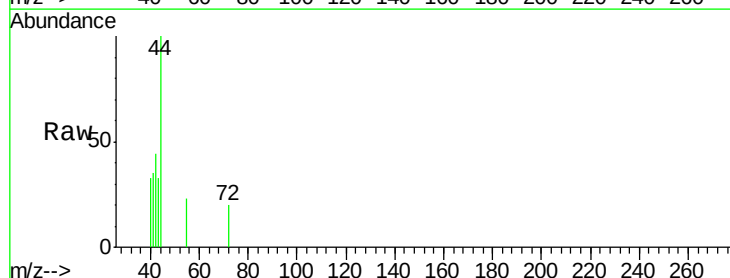
Instrument :
MSVOA_U
ClientSampleId :
Z2TB01-180613

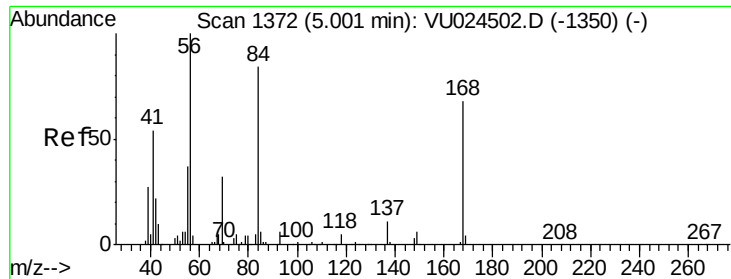
Tgt Ion: 43 Resp: 456
Ion Ratio Lower Upper
43 100
72 0.0 19.6 29.4#



#29
Tetrahydrofuran
Concen: 0.314 ug/l
RT: 4.65 min Scan# 1263
Delta R.T. 0.01 min
Lab File: VU024713.D
Acq: 19 Jun 2018 01:06

Tgt Ion: 42 Resp: 435
Ion Ratio Lower Upper
42 100
72 9.2 34.5 51.7#
71 10.1 32.2 48.4#

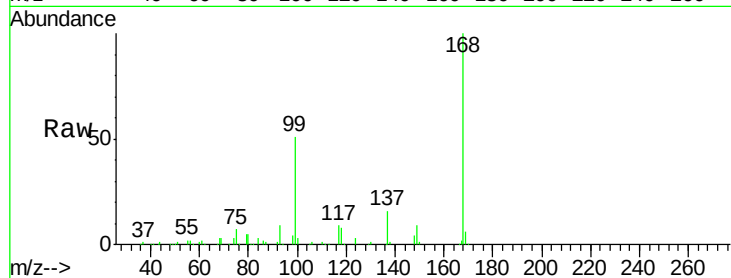




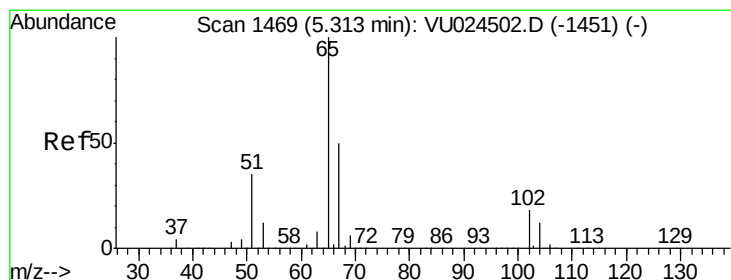
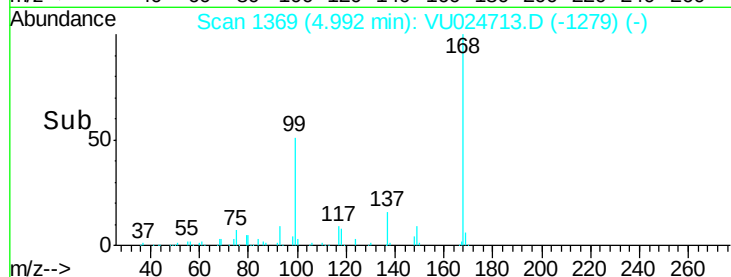
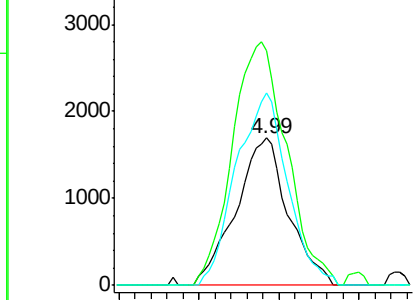
#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1369
Delta R.T. -0.01 min
Lab File: VU024713.D
Acq: 19 Jun 2018 01:06

Instrument :
MSVOA_U
ClientSampleId :
Z2TB01-180613

Tgt Ion: 56 Resp: 3799
Ion Ratio Lower Upper
56 100
69 159.8 24.8 37.2#
84 130.8 65.2 97.8#

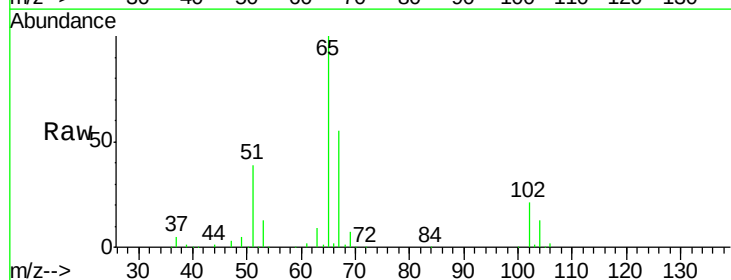


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

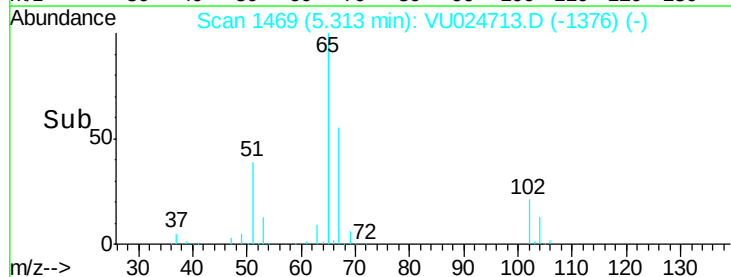
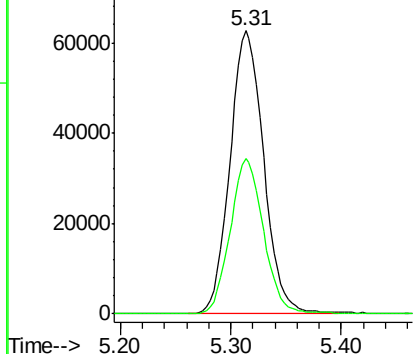


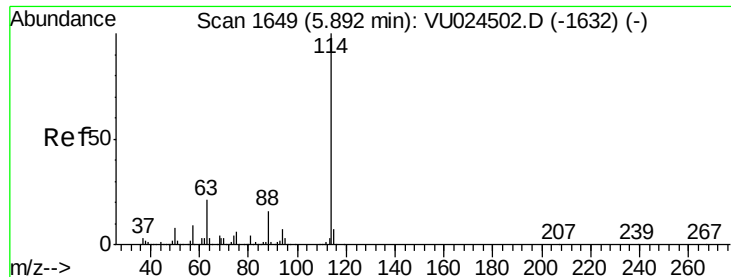
#33
1,2-Dichloroethane-d4
Concen: 42.913 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VU024713.D
Acq: 19 Jun 2018 01:06

Tgt Ion: 65 Resp: 132981
Ion Ratio Lower Upper
65 100
67 54.4 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU024713.D

Acq: 19 Jun 2018 01:06

Instrument :

MSVOA_U

ClientSampleId :

Z2TB01-180613

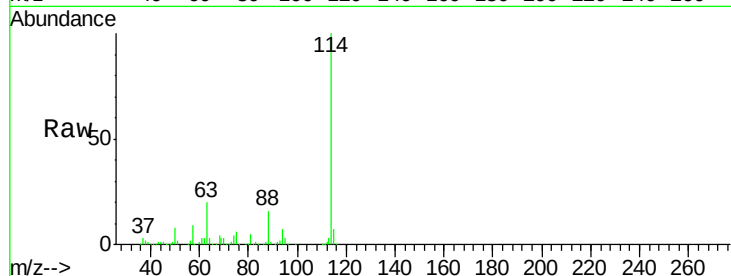
Tgt Ion:114 Resp: 297326

Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.4

88 15.5 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

200000

150000

100000

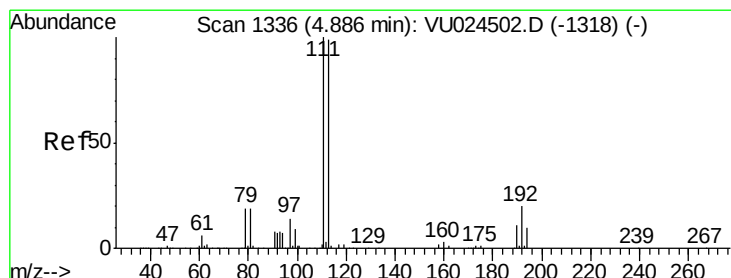
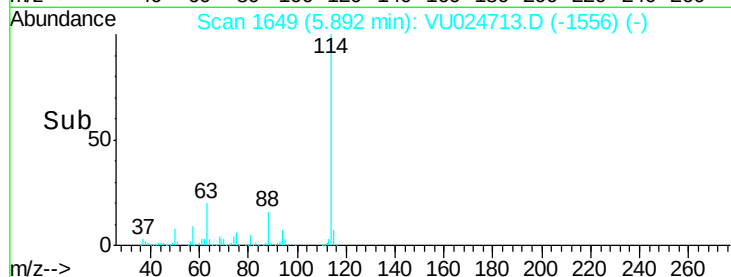
50000

0

5.89

5.80 5.85 5.90 5.95 6.00

Time-->



#35

Dibromofluoromethane

Concen: 47.659 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024713.D

Acq: 19 Jun 2018 01:06

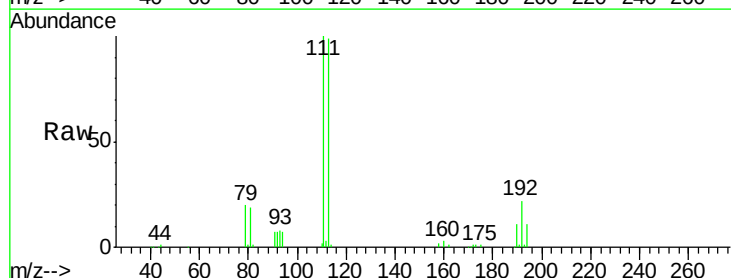
Tgt Ion:113 Resp: 117602

Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.4

192 21.7 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

60000

40000

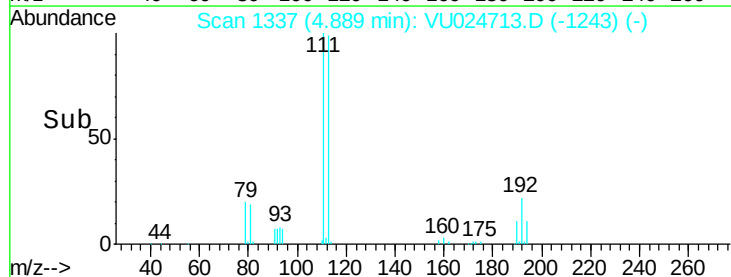
20000

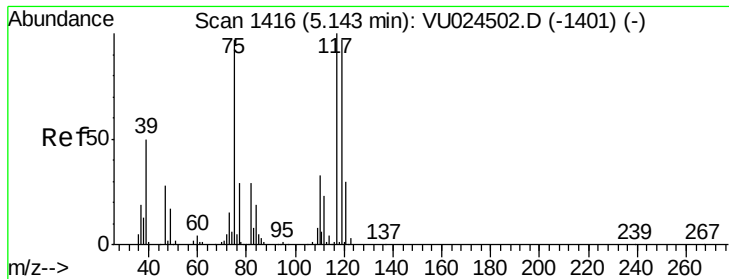
0

4.89

4.80 4.85 4.90 4.95

Time-->

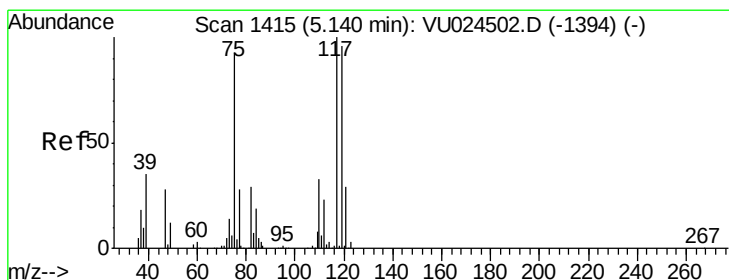
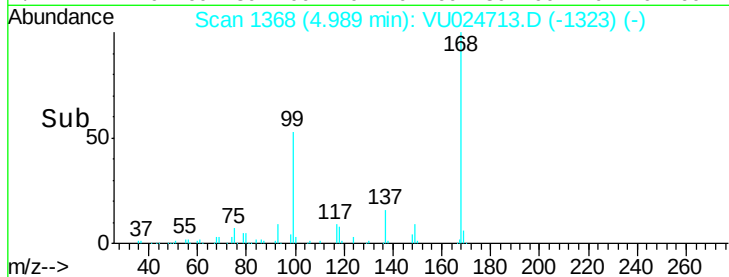
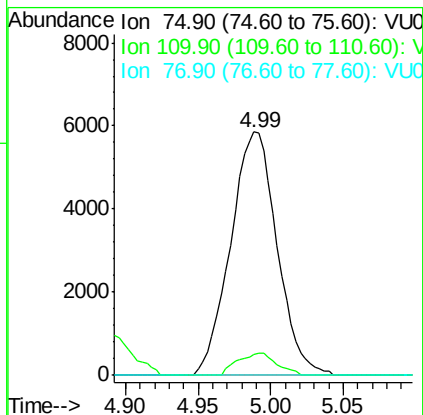
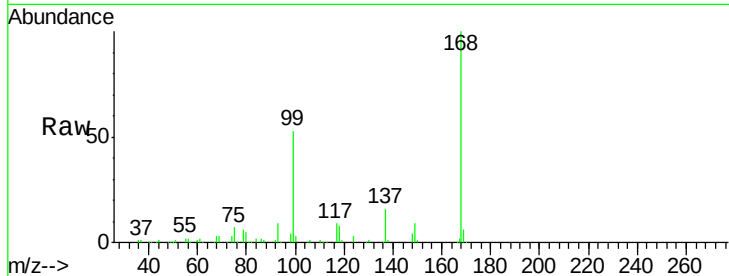




#36
 1,1-Dichloropropene
 Concen: 3.733 ug/l
 RT: 4.99 min Scan# 1368
 Delta R.T. -0.15 min
 Lab File: VU024713.D
 Acq: 19 Jun 2018 01:06

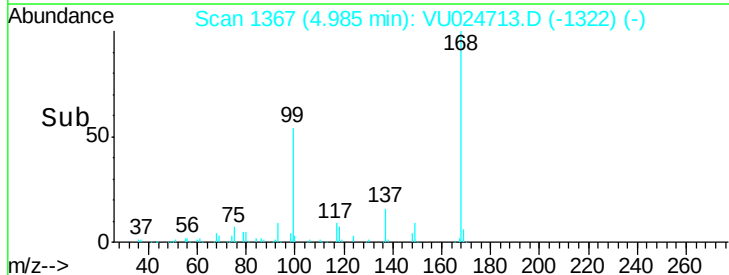
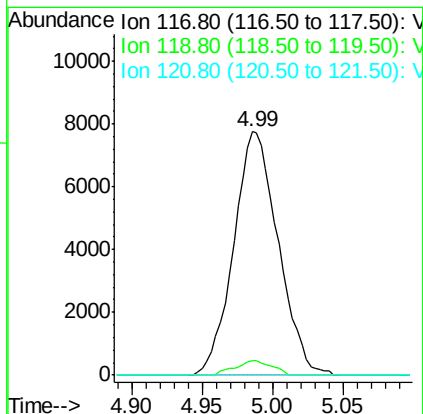
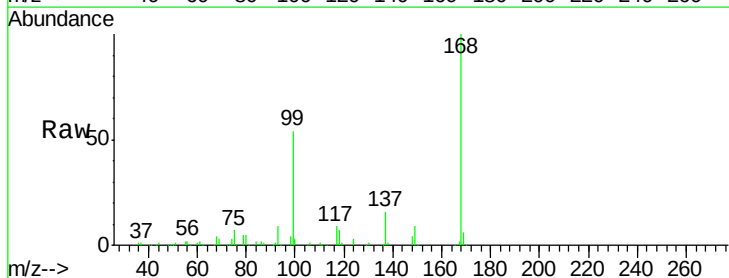
Instrument :
 MSVOA_U
 ClientSampleId :
 Z2TB01-180613

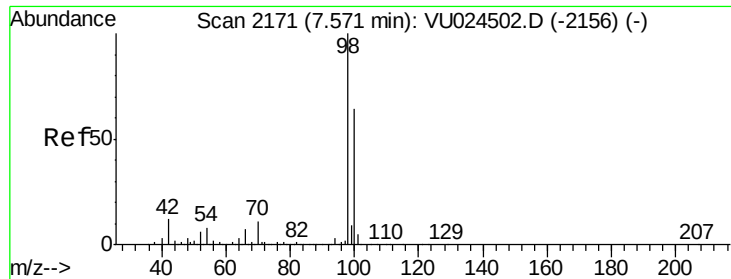
Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.7	17.0	50.9#
77	0.0	24.2	36.4#



#38
 Carbon Tetrachloride
 Concen: 4.455 ug/l
 RT: 4.99 min Scan# 1367
 Delta R.T. -0.15 min
 Lab File: VU024713.D
 Acq: 19 Jun 2018 01:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.1	76.1	114.1#
121	0.0	23.7	35.5#

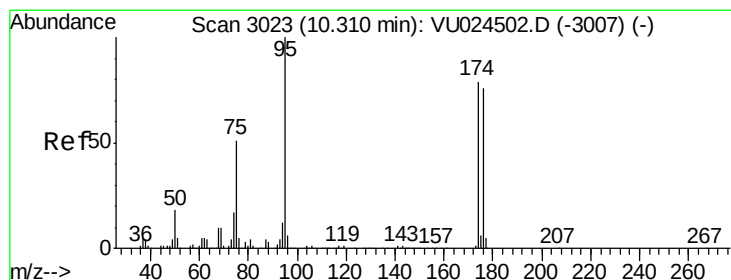
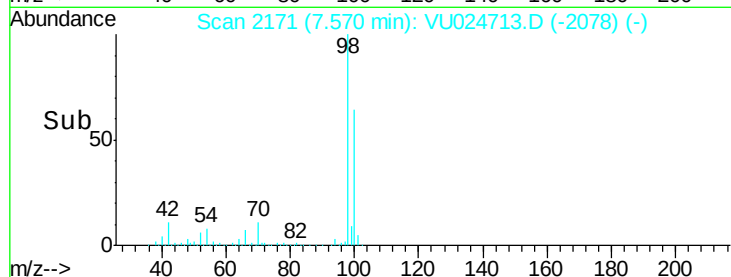
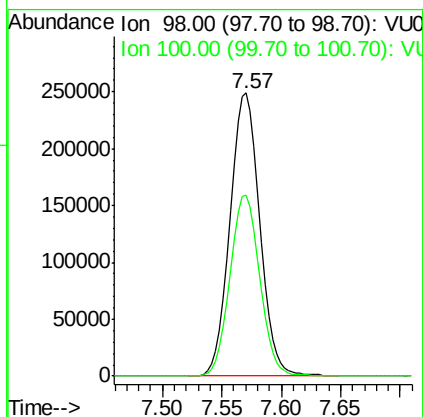
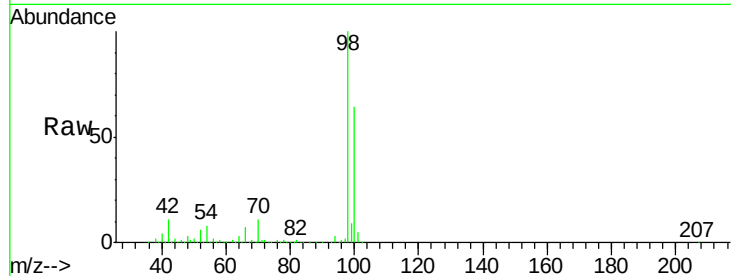




#50
Toluene-d8
Concen: 48.097 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU024713.D
Acq: 19 Jun 2018 01:06

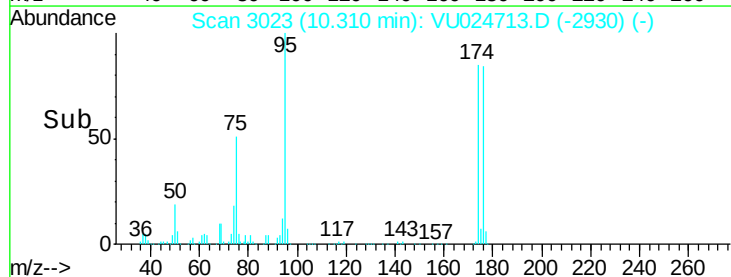
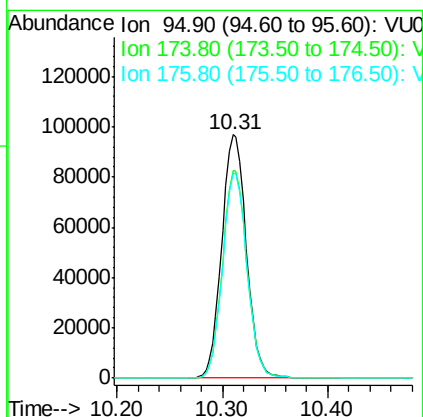
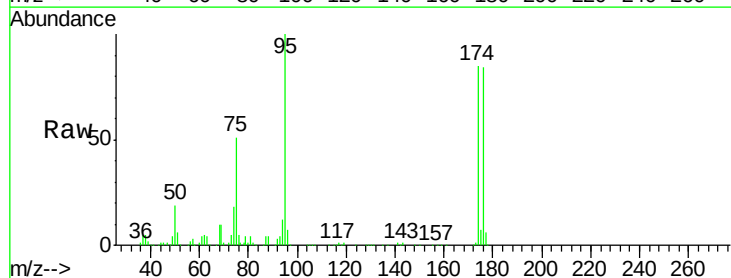
Instrument :
MSVOA_U
ClientSampleId :
Z2TB01-180613

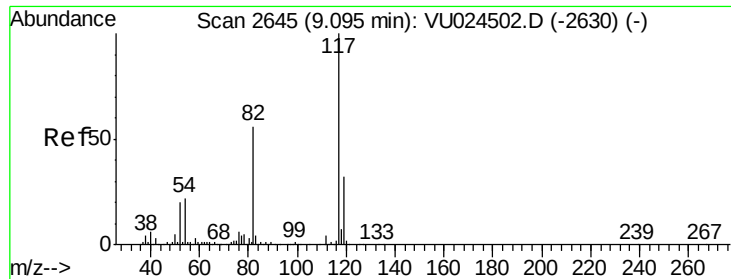
Tgt Ion: 98 Resp: 432907
Ion Ratio Lower Upper
98 100
100 64.3 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 43.742 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU024713.D
Acq: 19 Jun 2018 01:06

Tgt Ion: 95 Resp: 156320
Ion Ratio Lower Upper
95 100
174 85.0 0.0 165.8
176 83.7 0.0 159.4

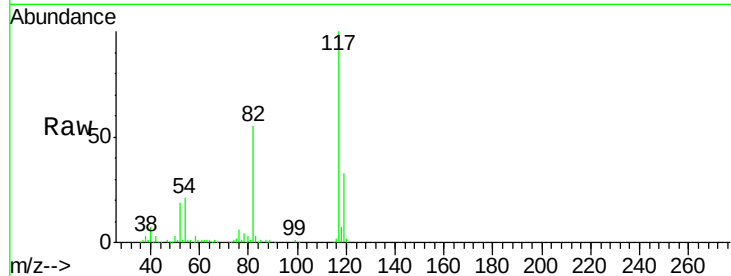




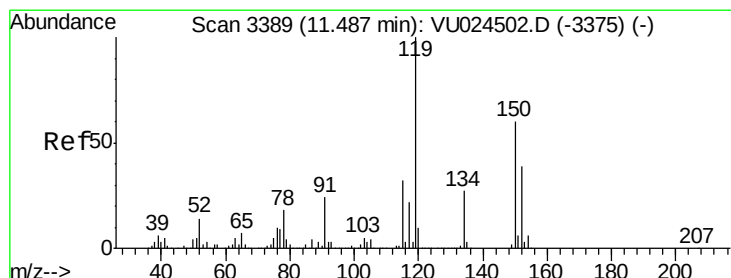
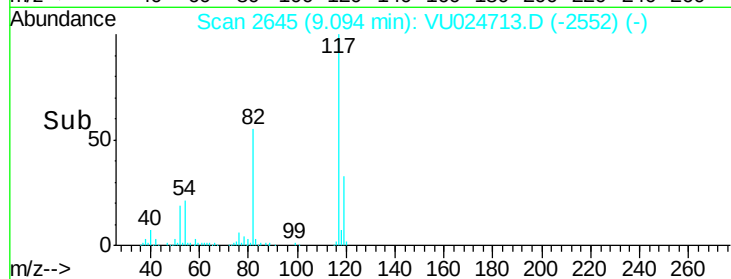
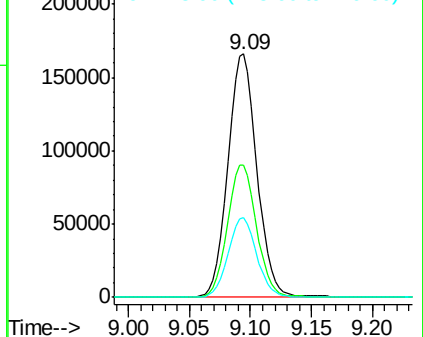
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024713.D
Acq: 19 Jun 2018 01:06

Instrument :
MSVOA_U
ClientSampleId :
Z2TB01-180613

Tgt Ion:117 Resp: 276055
Ion Ratio Lower Upper
117 100
82 54.5 44.3 66.5
119 32.6 25.4 38.2

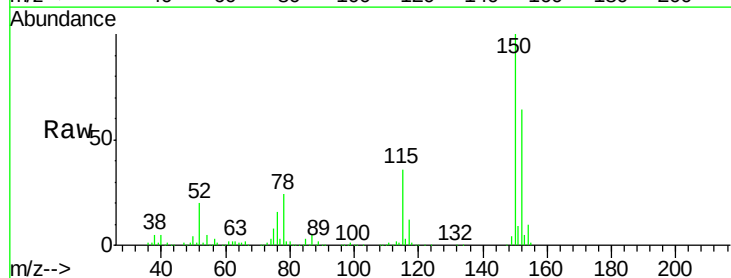


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

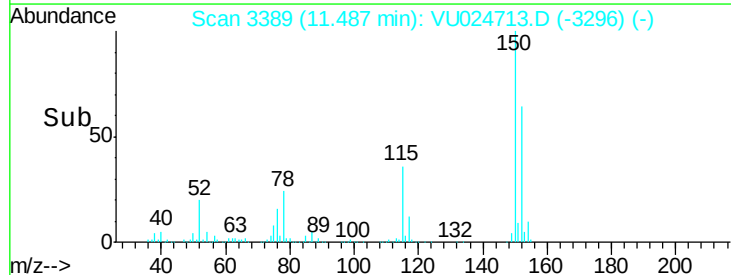
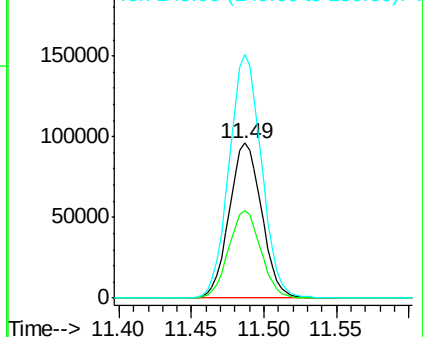


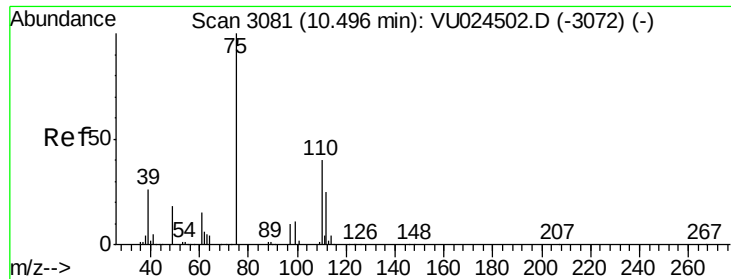
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU024713.D
Acq: 19 Jun 2018 01:06

Tgt Ion:152 Resp: 149119
Ion Ratio Lower Upper
152 100
115 56.1 43.0 129.0
150 156.7 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

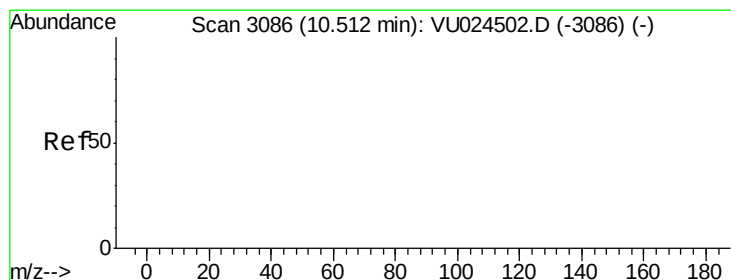
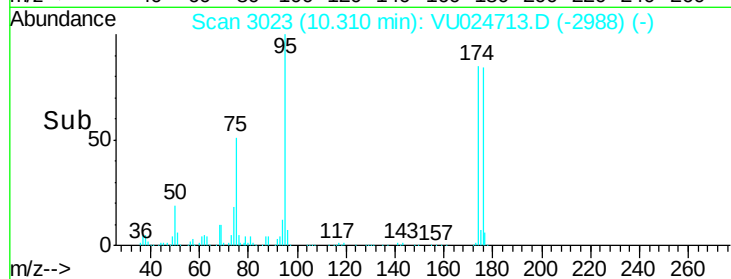
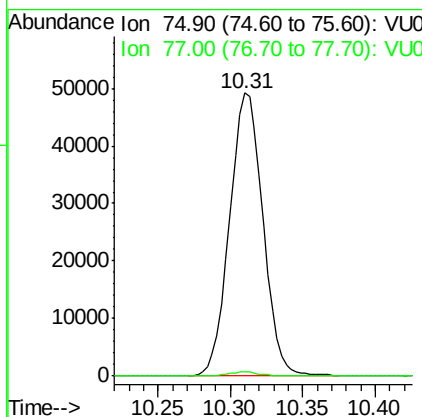
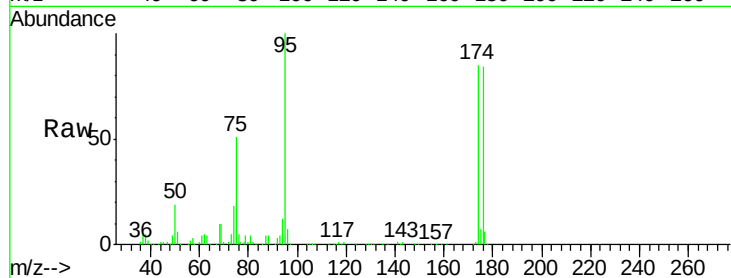




#76
 1,2,3-Trichloropropane
 Concen: 23.904 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.19 min
 Lab File: VU024713.D
 Acq: 19 Jun 2018 01:06

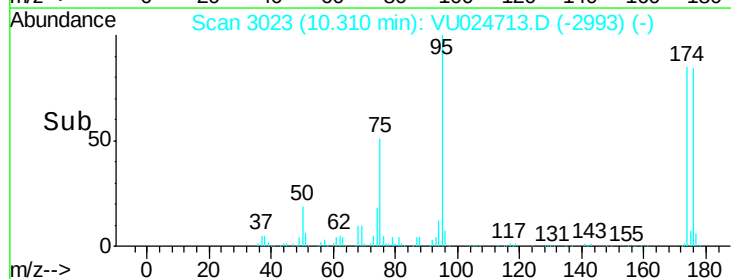
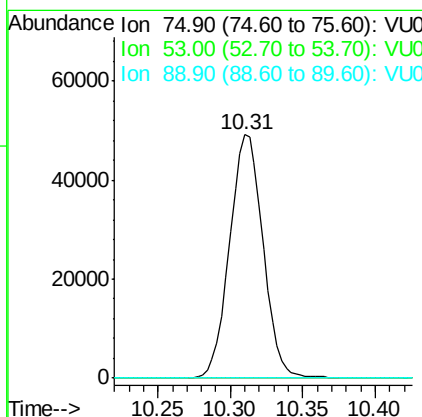
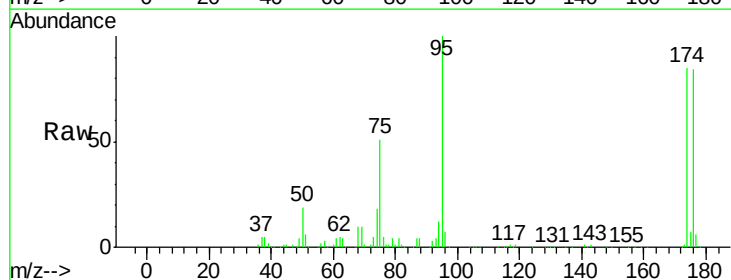
Instrument :
 MSVOA_U
 ClientSampleId :
 Z2TB01-180613

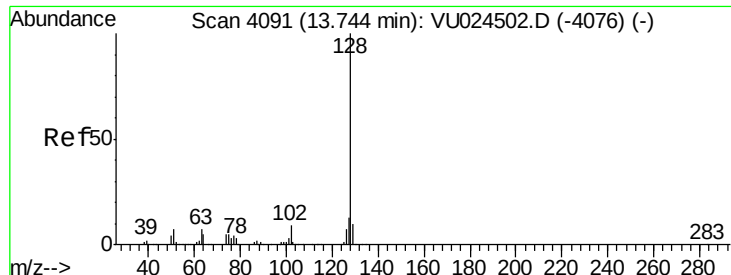
Tgt Ion: 75 Resp: 78477
 Ion Ratio Lower Upper
 75 100
 77 1.4 20.9 62.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.323 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.20 min
 Lab File: VU024713.D
 Acq: 19 Jun 2018 01:06

Tgt Ion: 75 Resp: 78477
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0





#95

Naphthalene

Concen: 0.793 ug/l

RT: 13.75 min Scan# 4094

Delta R.T. 0.01 min

Lab File: VU024713.D

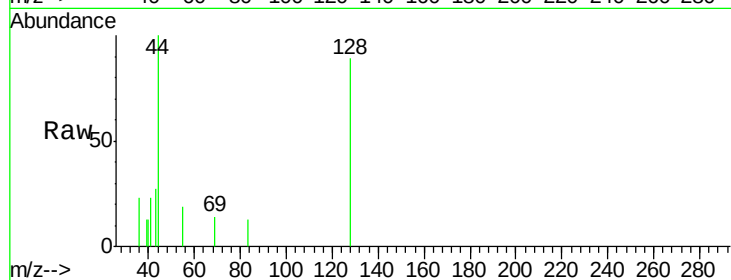
Acq: 19 Jun 2018 01:06

Instrument :

MSVOA_U

ClientSampleId :

Z2TB01-180613



Tgt Ion:128 Resp: 1269

Ion Ratio Lower Upper

128 100

127 3.3 10.6 16.0#

129 1.8 8.6 12.8#

