

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062118\
 Data File : VU024823.D
 Acq On : 21 Jun 2018 20:08
 Operator : MD/SY
 Sample : J3510-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S36-TB-2018

Quant Time: Jun 22 03:53:40 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	191017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	290247	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	274071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146475	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	135907	43.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.16%	
35) Dibromofluoromethane	4.89	113	111675	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.72%	
50) Toluene-d8	7.57	98	425566	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
62) 4-Bromofluorobenzene	10.31	95	155718	44.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.28%	

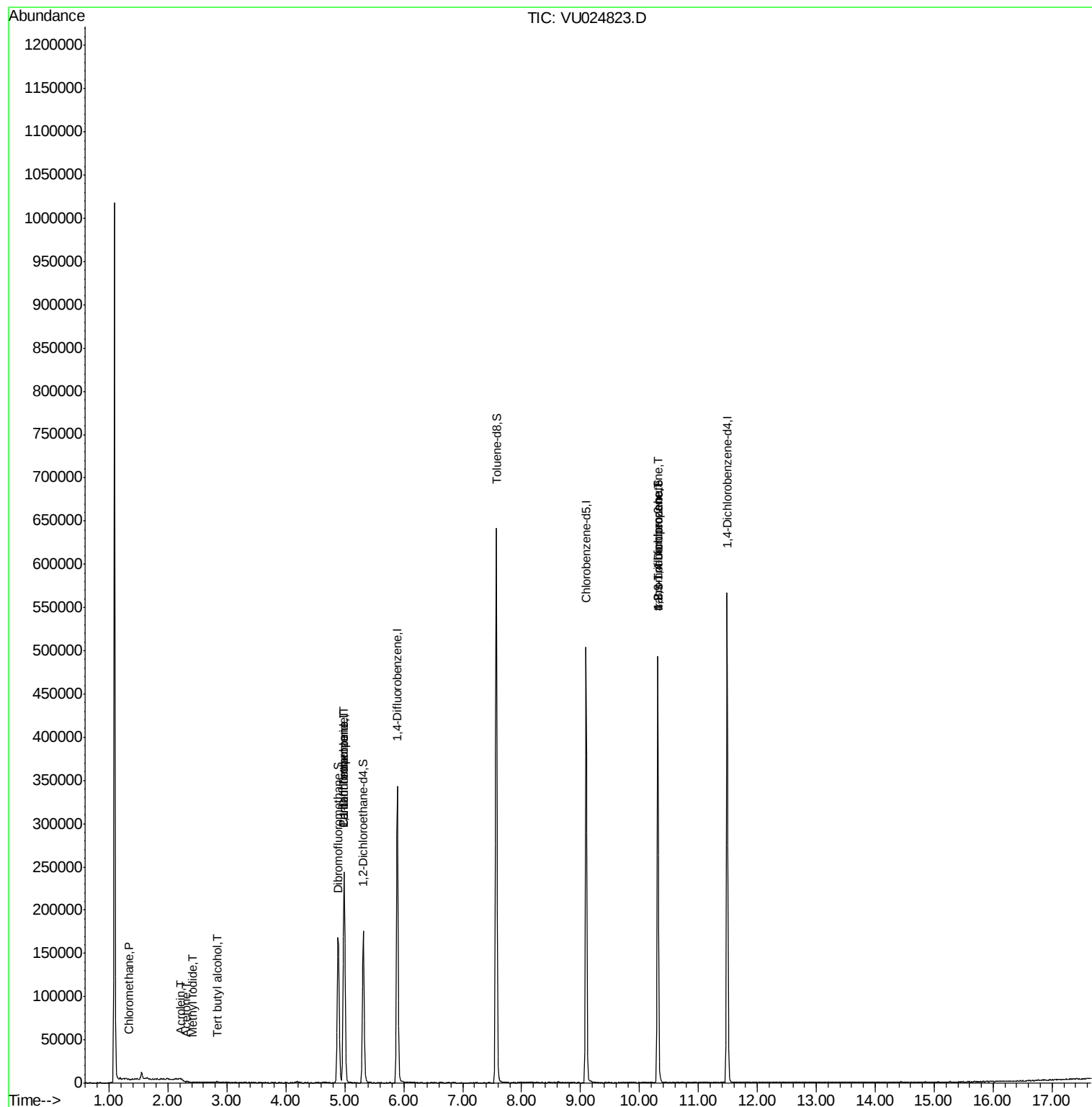
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	646	0.264	ug/l #	77
6) Chloroethane	1.69	64	42	Below Cal	#	43
10) Methyl Iodide	2.42	142	41	5.307	ug/l #	40
11) Tert butyl alcohol	2.83	59	525	0.692	ug/l #	72
13) Acrolein	2.21	56	195	0.490	ug/l #	13
16) Acetone	2.31	43	754	0.450	ug/l #	44
31) Cyclohexane	4.99	56	3851	Below Cal	#	1
36) 1,1-Dichloropropene	4.99	75	13522	3.965	ug/l #	50
38) Carbon Tetrachloride	4.99	117	18312	4.882	ug/l #	15
76) 1,2,3-Trichloropropane	10.31	75	81360	25.229	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	81360	58.391	ug/l #	100

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

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Quant Time: Jun 22 03:53:40 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: VU024823.D

Acq: 21 Jun 2018 20:08

Instrument :

MSVOA_U

ClientSampleId :

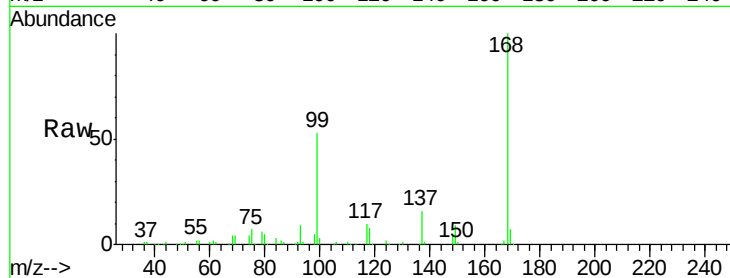
S36-TB-2018

Tot Ion:168 Resp: 191017

Ion Ratio Lower Upper

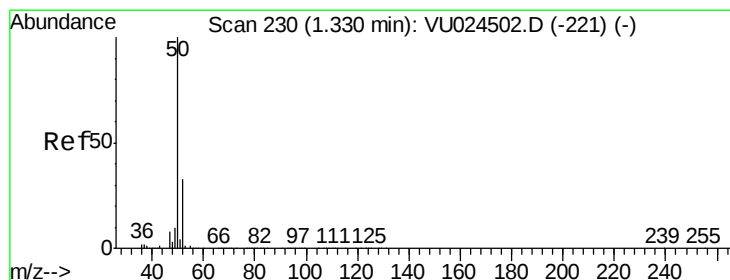
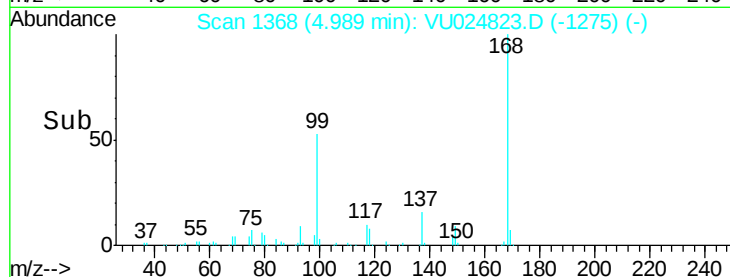
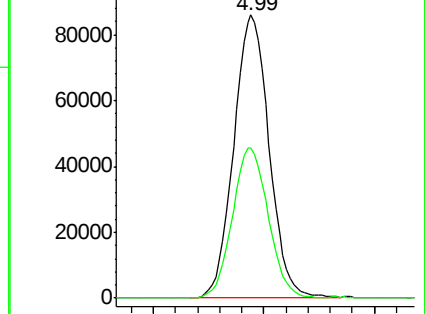
168 100

99 53.1 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: 0.264 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU024823.D

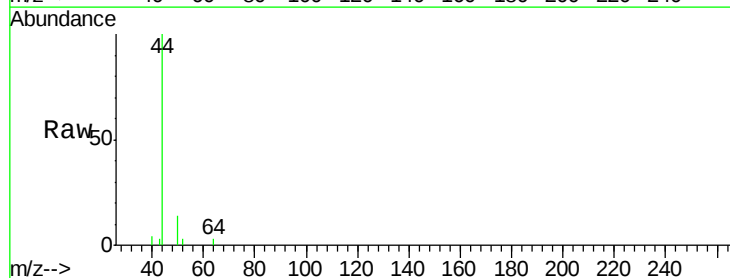
Acq: 21 Jun 2018 20:08

Tgt Ion: 50 Resp: 646

Ion Ratio Lower Upper

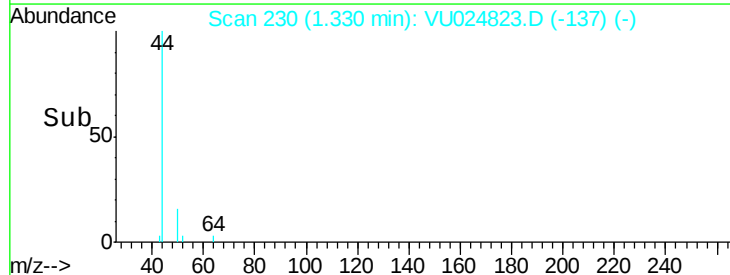
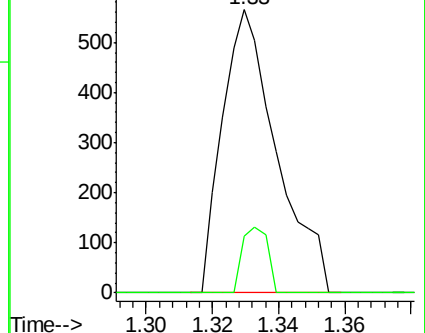
50 100

52 20.0 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) (-)





#6

Chloroethane

Concen: Below Cal

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU024823.D

Acq: 21 Jun 2018 20:08

Instrument :

MSVOA_U

ClientSampleId :

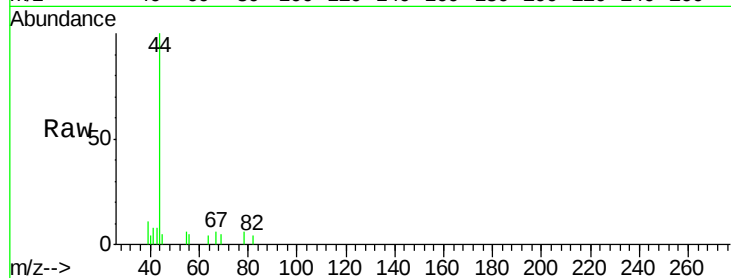
S36-TB-2018

Tot Ion: 64 Resp: 42

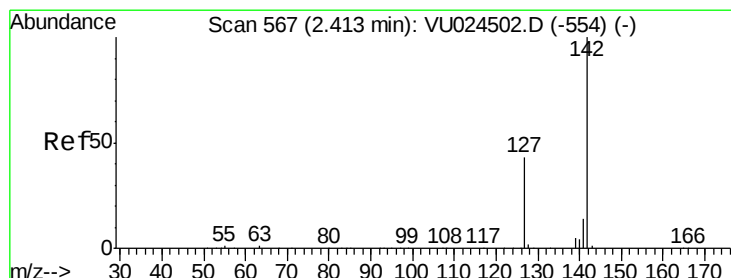
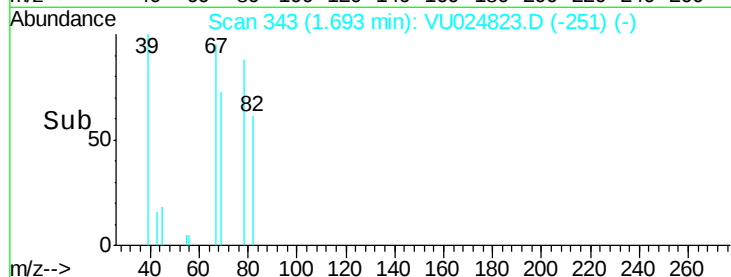
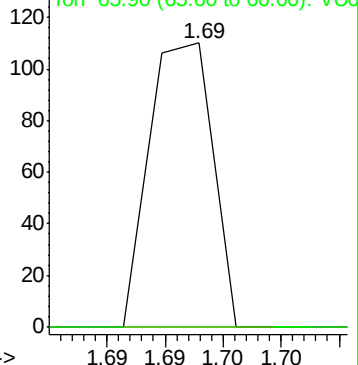
Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VU024502.D (-331) (-)



#10

Methyl Iodide

Concen: 5.307 ug/l

RT: 2.42 min Scan# 568

Delta R.T. 0.00 min

Lab File: VU024823.D

Acq: 21 Jun 2018 20:08

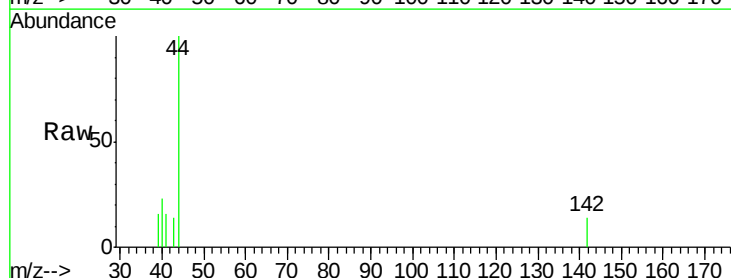
Tgt Ion: 142 Resp: 41

Ion Ratio Lower Upper

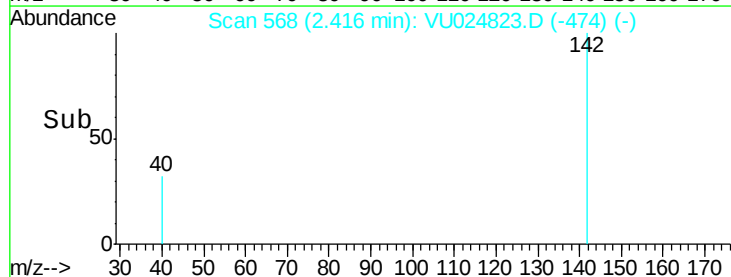
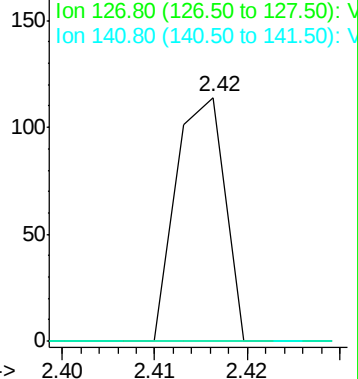
142 100

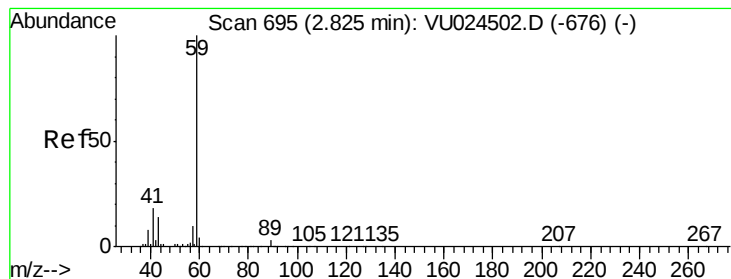
127 0.0 35.6 53.4#

141 0.0 11.7 17.5#



Abundance Ion 141.80 (141.50 to 142.50): VU024502.D (-554) (-)



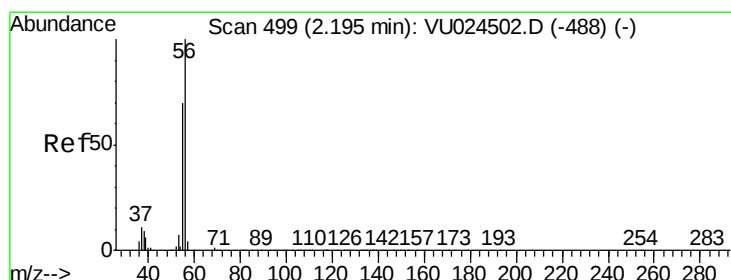
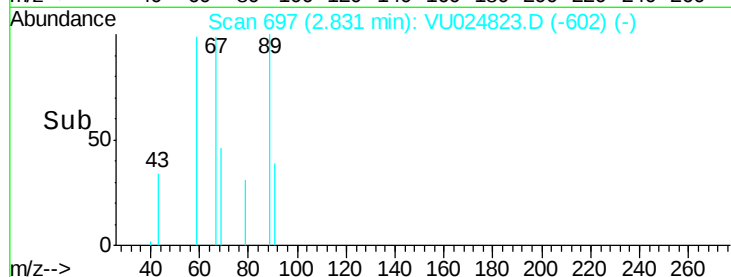
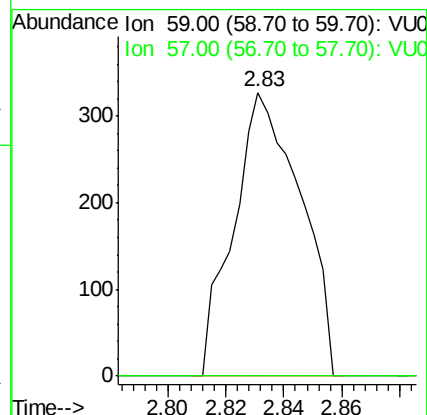
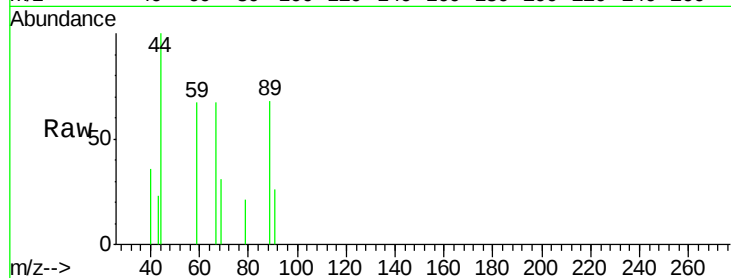


#11

Tert butyl alcohol
 Concen: 0.692 ug/l
 RT: 2.83 min Scan# 697
 Delta R.T. 0.01 min
 Lab File: VU024823.D
 Acq: 21 Jun 2018 20:08

Instrument :
 MSVOA_U
 ClientSampleId :
 S36-TB-2018

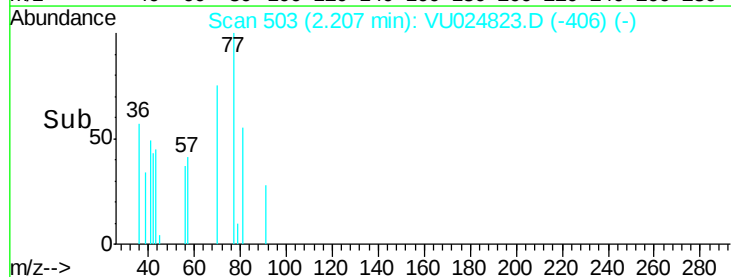
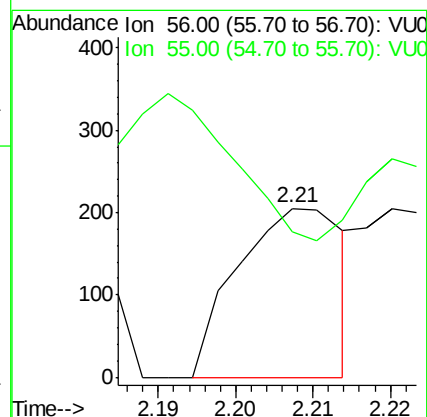
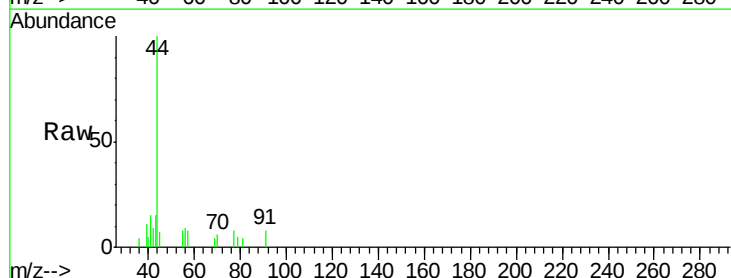
Tot Ion: 59 Resp: 525
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

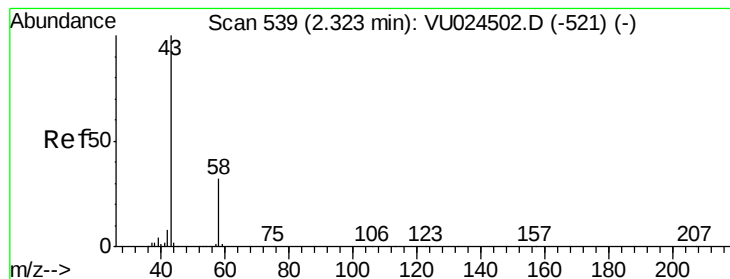


#13

Acrolein
 Concen: 0.490 ug/l
 RT: 2.21 min Scan# 503
 Delta R.T. 0.01 min
 Lab File: VU024823.D
 Acq: 21 Jun 2018 20:08

Tgt Ion: 56 Resp: 195
 Ion Ratio Lower Upper
 56 100
 55 0.0 58.4 87.6#





#16

Acetone

Concen: 0.450 ug/l

RT: 2.31 min Scan# 535

Delta R.T. -0.01 min

Lab File: VU024823.D

Acq: 21 Jun 2018 20:08

Instrument :

MSVOA_U

ClientSampleId :

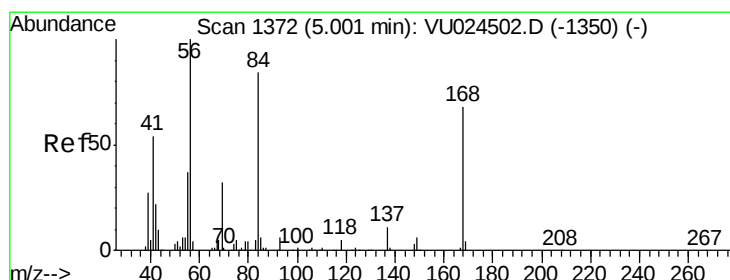
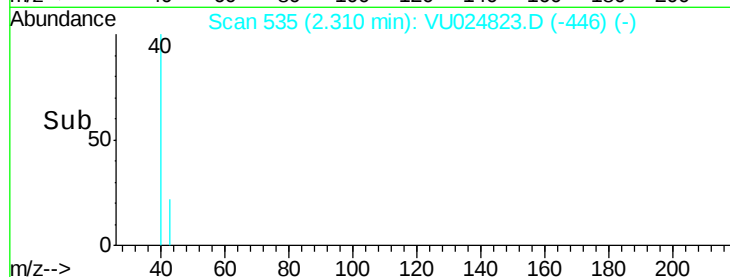
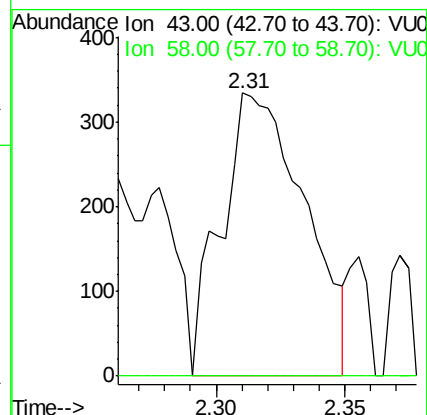
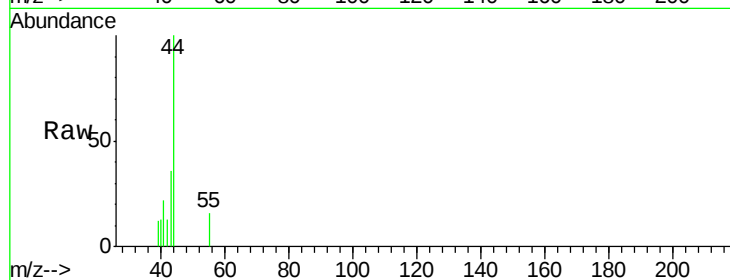
S36-TB-2018

Tot Ion: 43 Resp: 754

Ion Ratio Lower Upper

43 100

58 0.0 24.4 36.6#



#31

Cyclohexane

Concen: Below Cal

RT: 4.99 min Scan# 1367

Delta R.T. -0.02 min

Lab File: VU024823.D

Acq: 21 Jun 2018 20:08

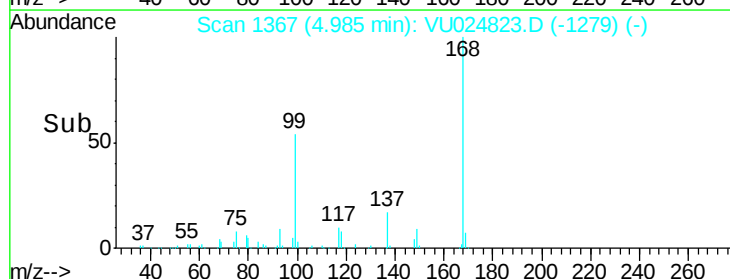
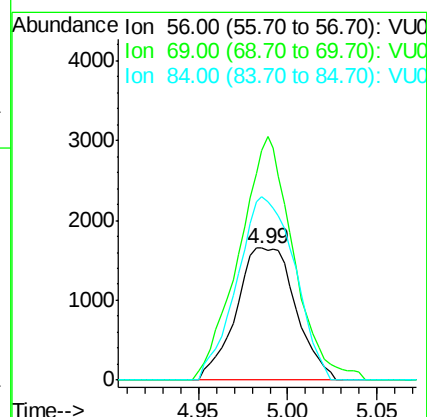
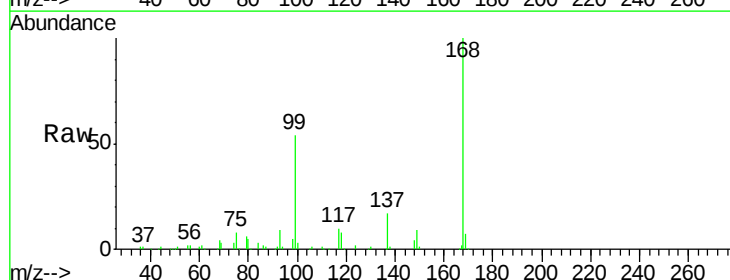
Tgt Ion: 56 Resp: 3851

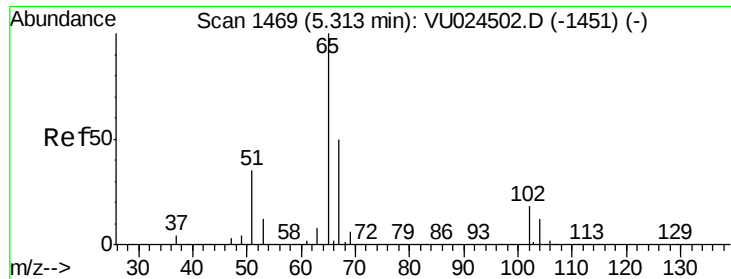
Ion Ratio Lower Upper

56 100

69 174.0 24.8 37.2#

84 138.7 65.2 97.8#

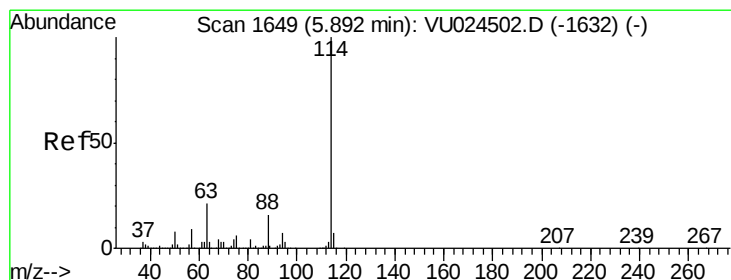
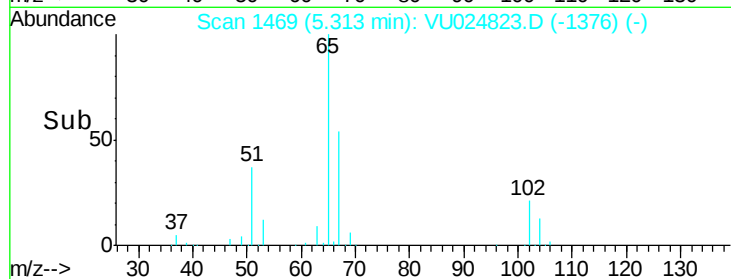
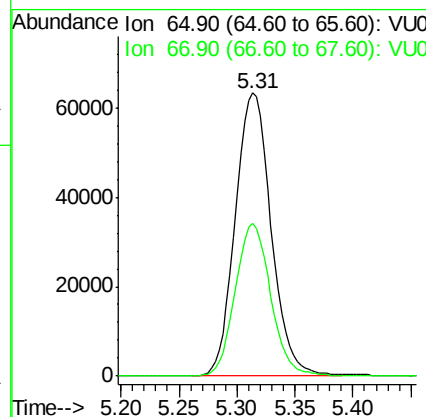
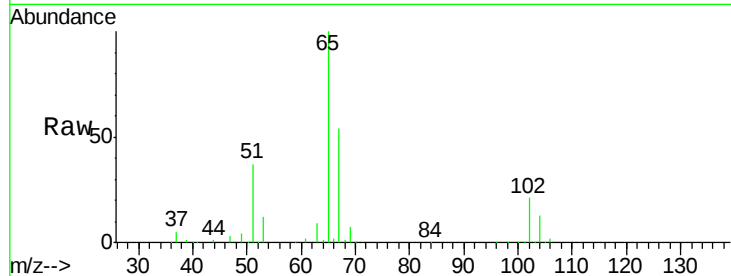




#33
 1,2-Dichloroethane-d4
 Concen: 43.582 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024823.D
 Acq: 21 Jun 2018 20:08

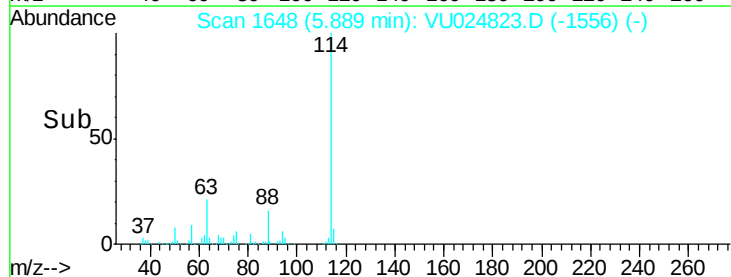
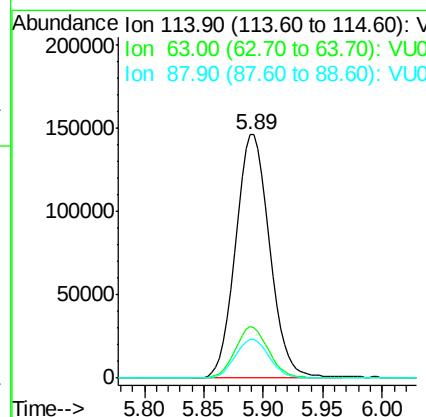
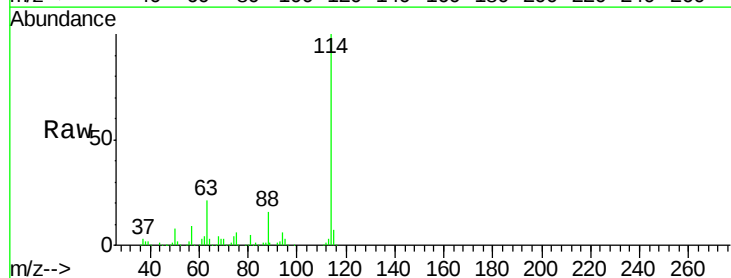
Instrument :
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 ClientSampleId :
 S36-TB-2018

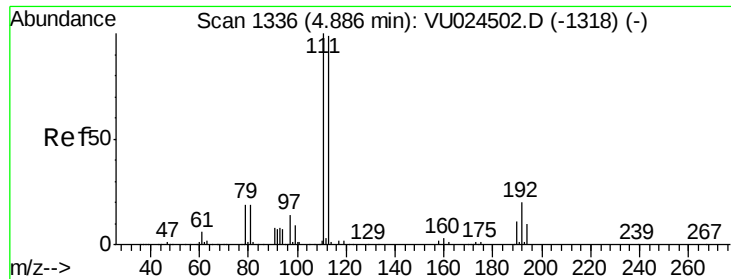
Tot Ion: 65 Resp: 135907
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024823.D
 Acq: 21 Jun 2018 20:08

Tgt Ion: 114 Resp: 290247
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 45.4
 88 16.0 0.0 31.0

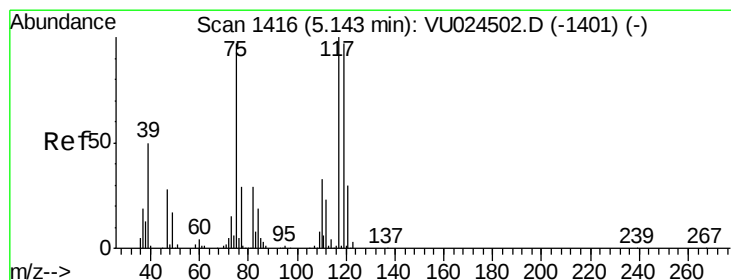
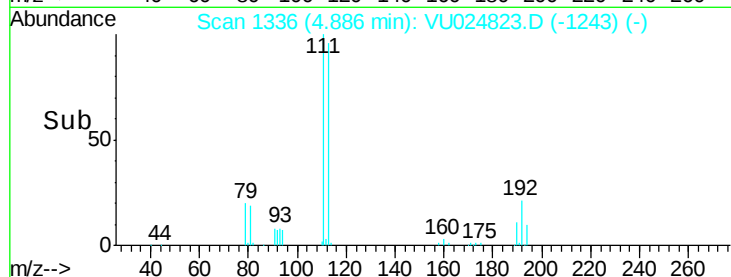
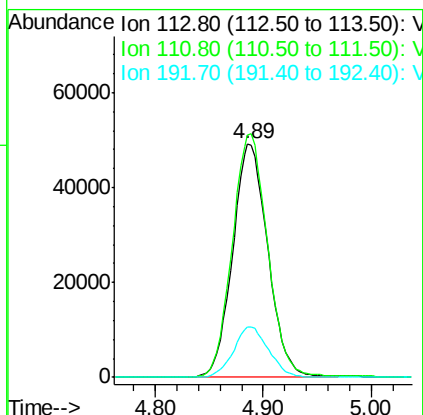
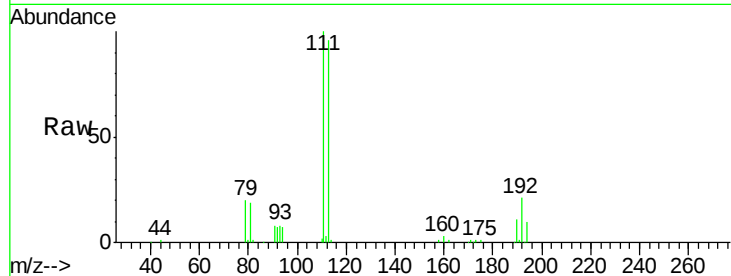




#35
Dibromofluoromethane
Concen: 46.361 ug/l
RT: 4.89 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VU024823.D
Acq: 21 Jun 2018 20:08

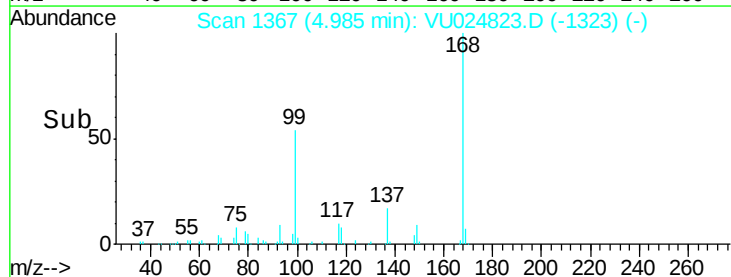
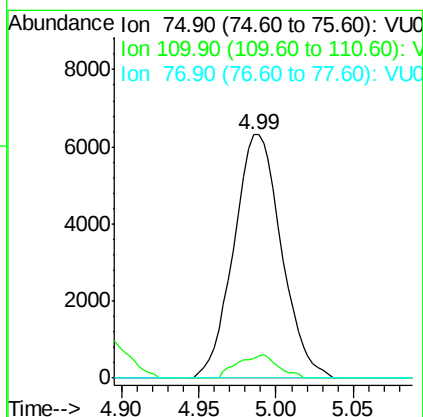
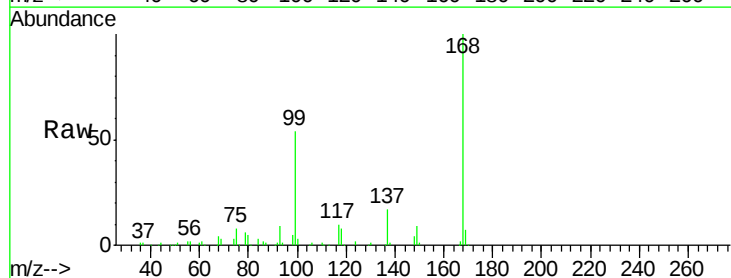
Instrument :
MSVOA_U
ClientSampleId :
S36-TB-2018

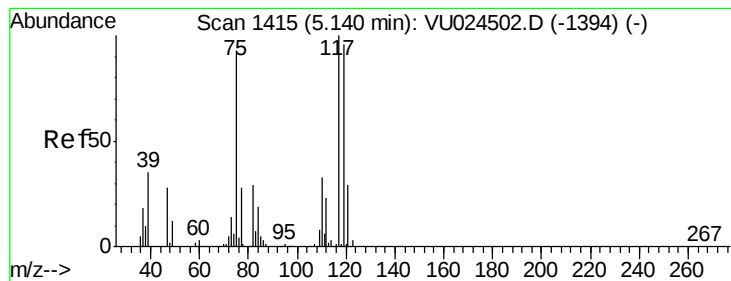
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.1	82.2	123.4
192	21.6	16.2	24.4



#36
1,1-Dichloropropene
Concen: 3.965 ug/l
RT: 4.99 min Scan# 1367
Delta R.T. -0.16 min
Lab File: VU024823.D
Acq: 21 Jun 2018 20:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.0	50.9#
77	0.0	24.2	36.4#





#38

Carbon Tetrachloride

Concen: 4.882 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU024823.D

Acq: 21 Jun 2018 20:08

Instrument :

MSVOA_U

ClientSampleId :

S36-TB-2018

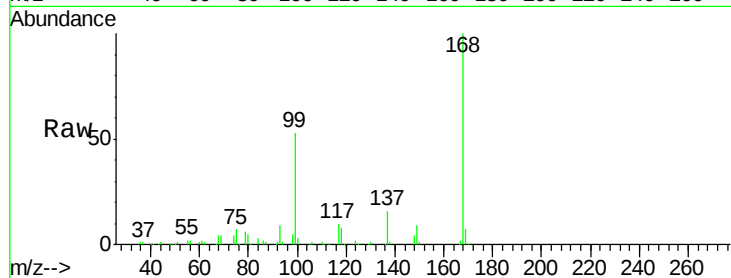
Tot Ion:117 Resp: 18312

Ion Ratio Lower Upper

117 100

119 3.6 76.1 114.1#

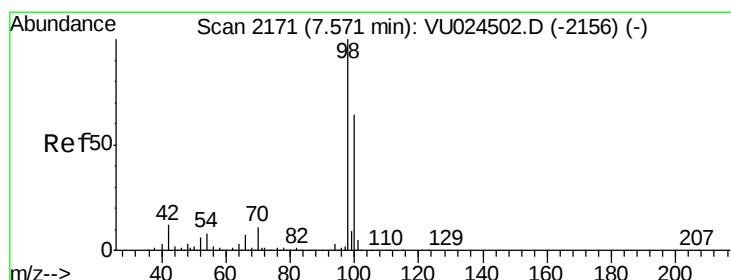
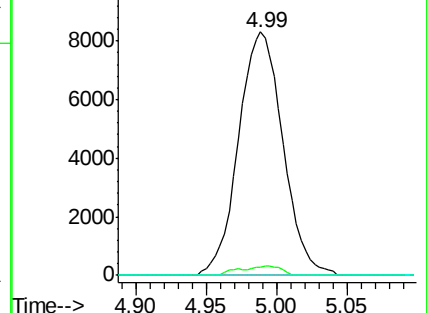
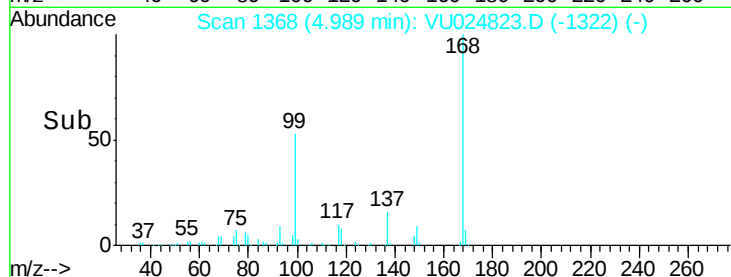
121 0.0 23.7 35.5#



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: 48.435 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU024823.D

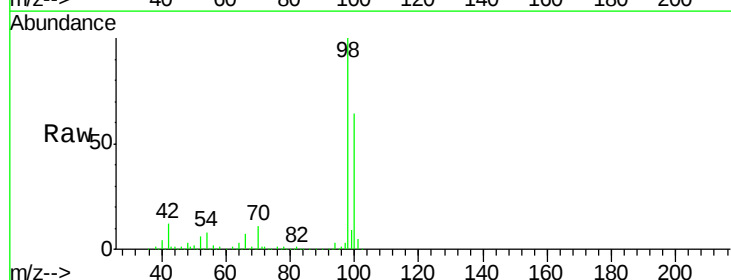
Acq: 21 Jun 2018 20:08

Tgt Ion: 98 Resp: 425566

Ion Ratio Lower Upper

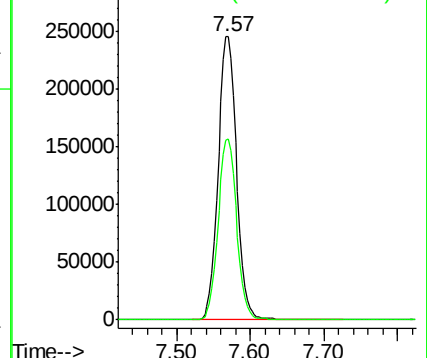
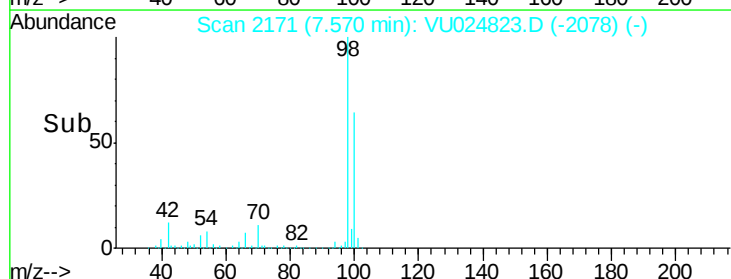
98 100

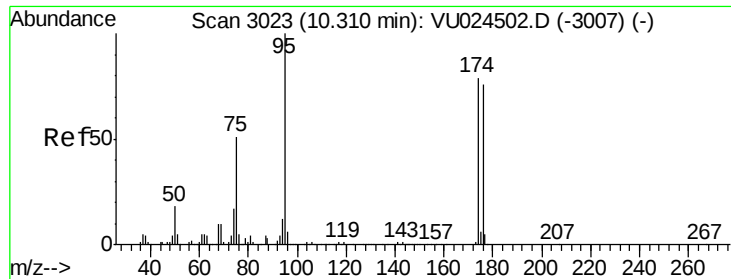
100 64.2 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

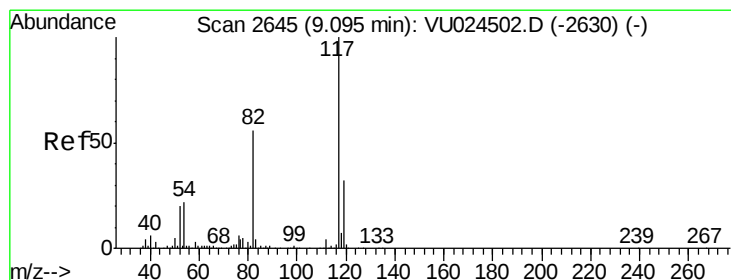
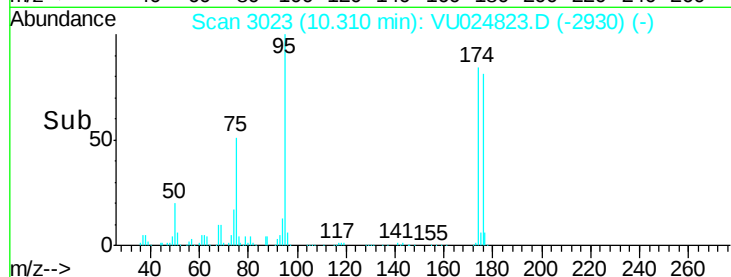
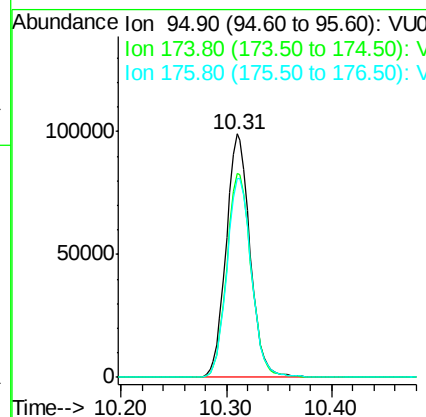
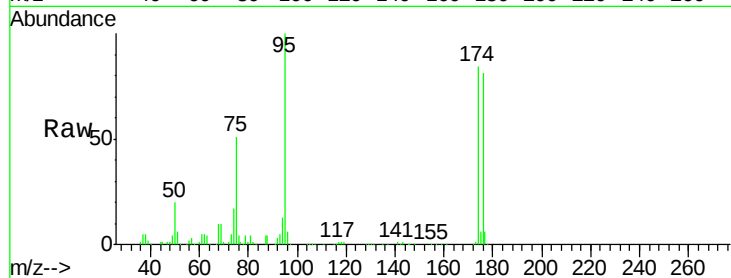




#62
4-Bromofluorobenzene
Concen: 44.637 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU024823.D
Acq: 21 Jun 2018 20:08

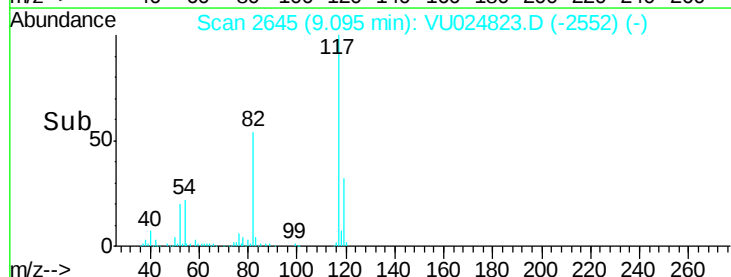
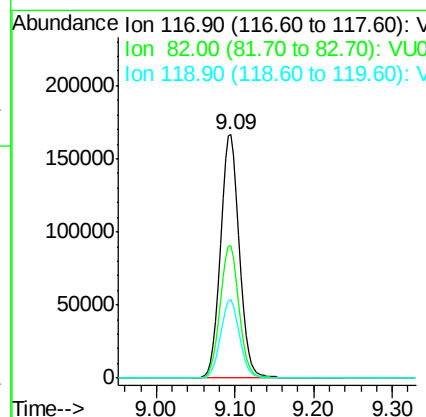
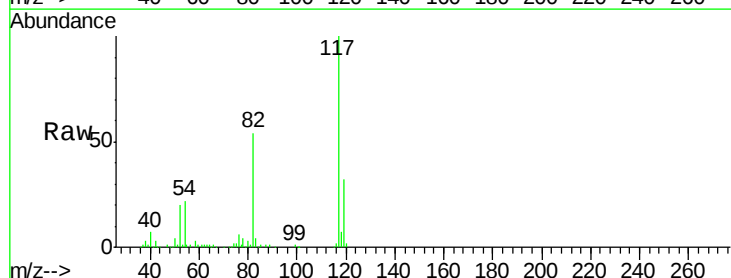
Instrument :
MSVOA_U
ClientSampleId :
S36-TB-2018

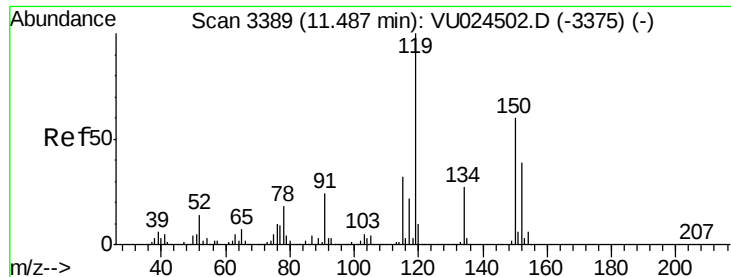
Tot Ion: 95 Resp: 155718
Ion Ratio Lower Upper
95 100
174 85.2 0.0 165.8
176 84.0 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024823.D
Acq: 21 Jun 2018 20:08

Tgt Ion: 117 Resp: 274071
Ion Ratio Lower Upper
117 100
82 54.5 44.3 66.5
119 32.5 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: VU024823.D

Acq: 21 Jun 2018 20:08

Instrument :

MSVOA_U

ClientSampleId :

S36-TB-2018

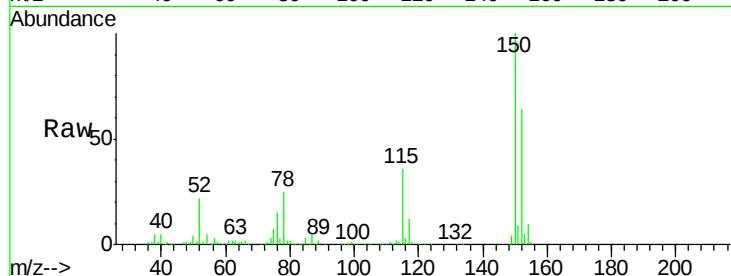
Tot Ion:152 Resp: 146475

Ion Ratio Lower Upper

152 100

115 57.0 43.0 129.0

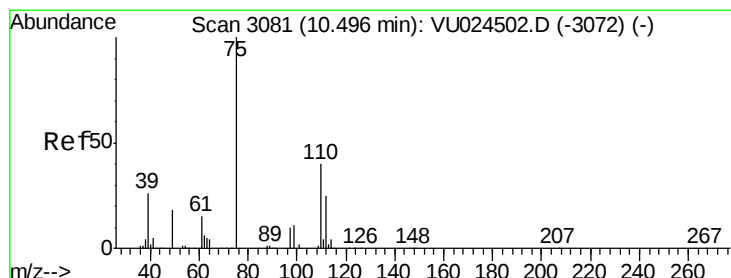
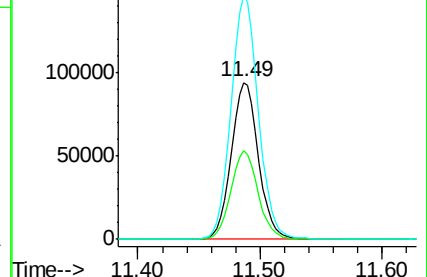
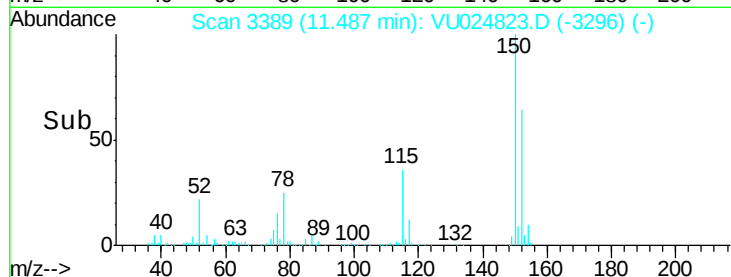
150 156.3 0.0 354.0



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: 25.229 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU024823.D

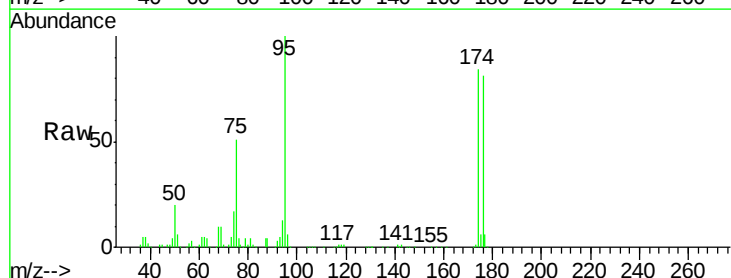
Acq: 21 Jun 2018 20:08

Tgt Ion: 75 Resp: 81360

Ion Ratio Lower Upper

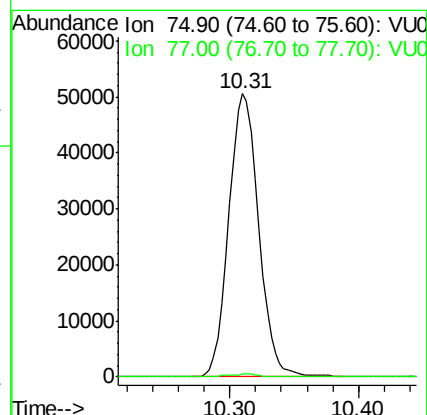
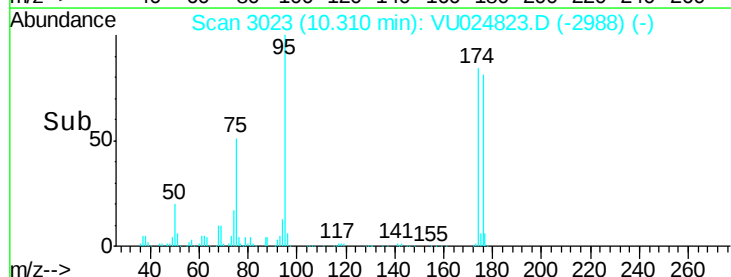
75 100

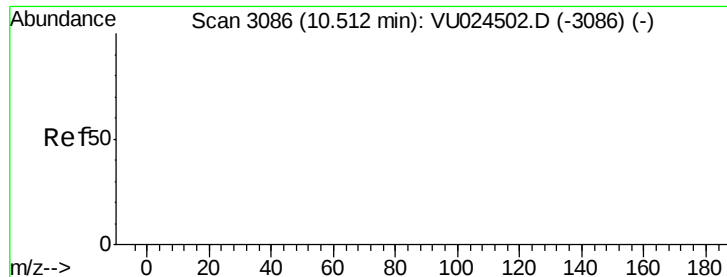
77 1.0 20.9 62.7#



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: 58.391 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU024823.D

Acq: 21 Jun 2018 20:08

Instrument :

MSVOA_U

ClientSampleId :

S36-TB-2018

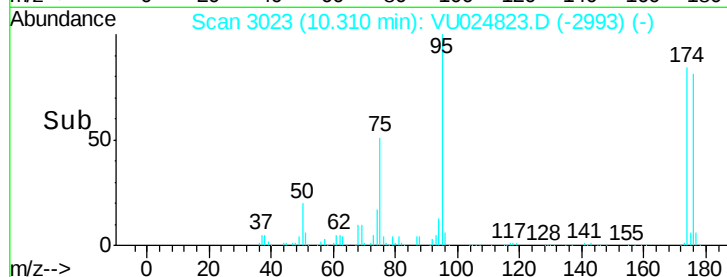
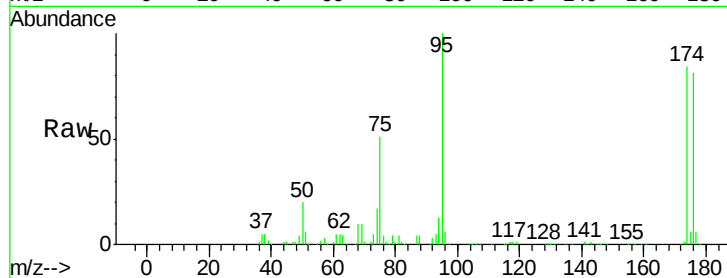
Tot Ion: 75 Resp: 81360

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

