

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121918\
 Data File : VU028793.D
 Acq On : 19 Dec 2018 14:56
 Operator : MD/SY
 Sample : J6408-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA.PZ149I-20181208

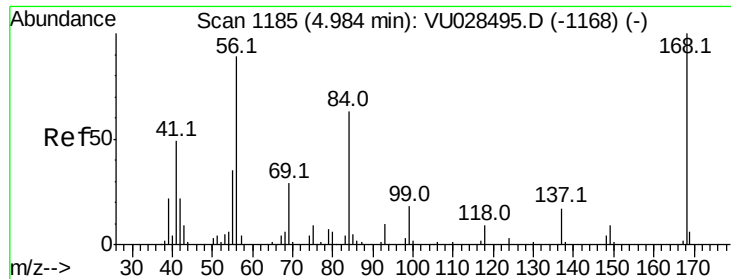
Quant Time: Dec 20 06:21:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	122158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	207764	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	186010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	71675	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	81653	43.80	ug/l	0.00
Spiked Amount			Recovery	=	87.60%	
35) Dibromofluoromethane	4.88	113	68968	52.75	ug/l	0.00
Spiked Amount			Recovery	=	105.50%	
50) Toluene-d8	7.56	98	263767	51.00	ug/l	0.00
Spiked Amount			Recovery	=	102.00%	
62) 4-Bromofluorobenzene	10.30	95	81217	42.01	ug/l	0.00
Spiked Amount			Recovery	=	84.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	965	0.321	ug/l	96
11) Tert butyl alcohol	2.84	59	1117	2.689	ug/l #	73
16) Acetone	2.31	43	562	0.462	ug/l	100
18) Methyl Acetate	2.62	43	765	0.243	ug/l #	74
31) Cyclohexane	4.98	56	2270	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	9089	3.998	ug/l #	49
38) Carbon Tetrachloride	4.98	117	10821	5.905	ug/l #	16
51) 4-Methyl-2-Pentanone	7.56	43	1014	0.346	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	39250	21.445	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	39250	52.699	ug/l #	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028793.D

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MSVOA_U

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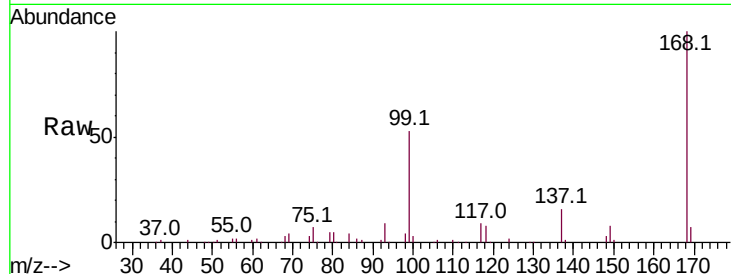
SA.PZ149I-20181208

Tot Ion:168 Resp: 122158

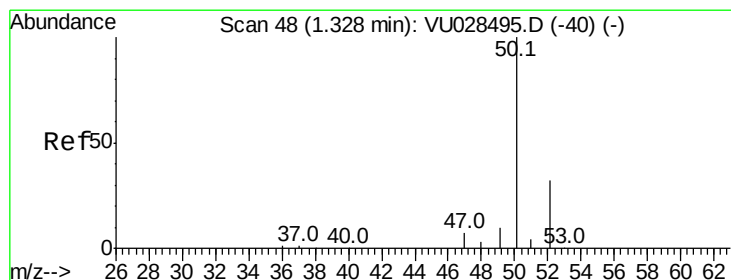
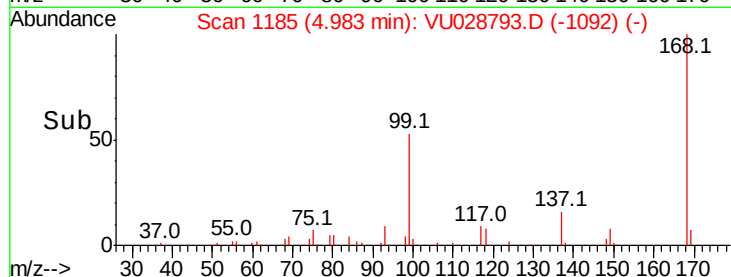
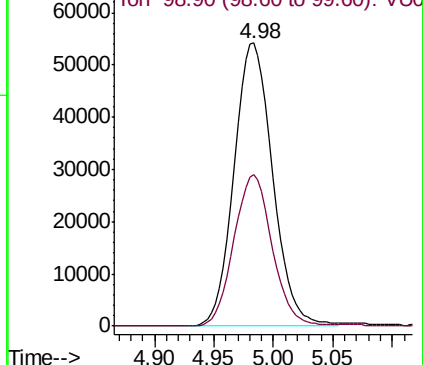
Ion Ratio Lower Upper

168 100

99 53.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)



#3

Chloromethane

Concen: 0.321 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028793.D

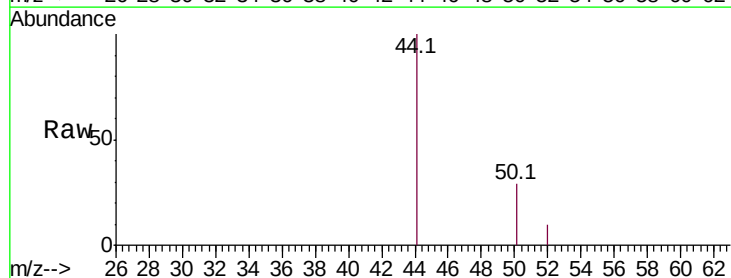
Acq: 19 Dec 2018 14:56

Tgt Ion: 50 Resp: 965

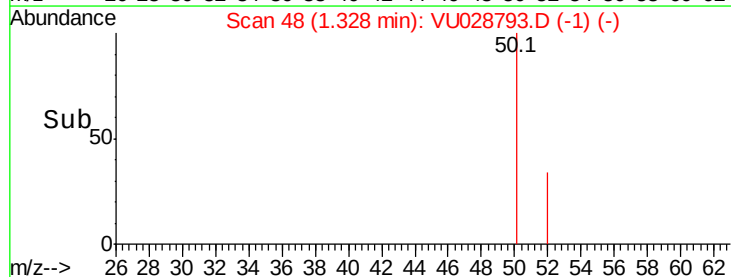
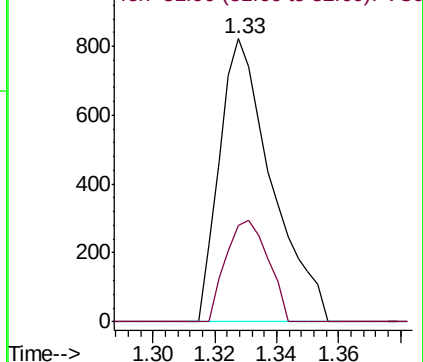
Ion Ratio Lower Upper

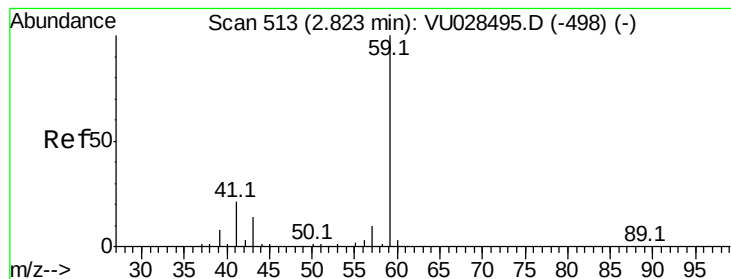
50 100

52 33.9 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VU028495.D (-40) (-)



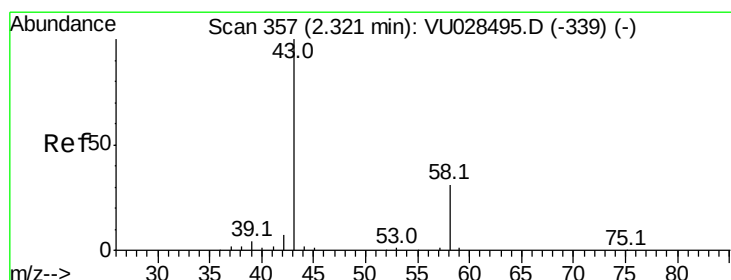
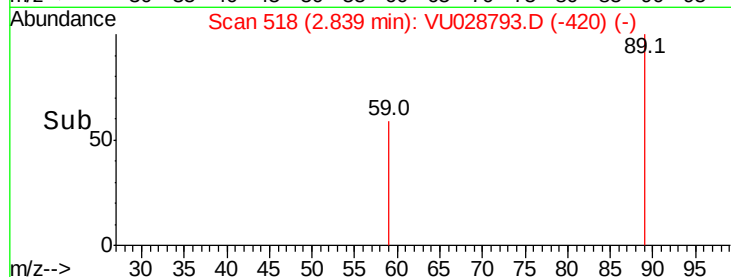
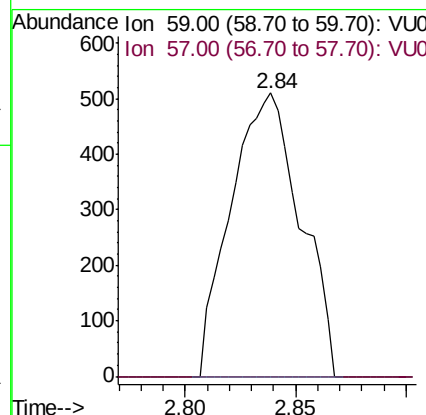
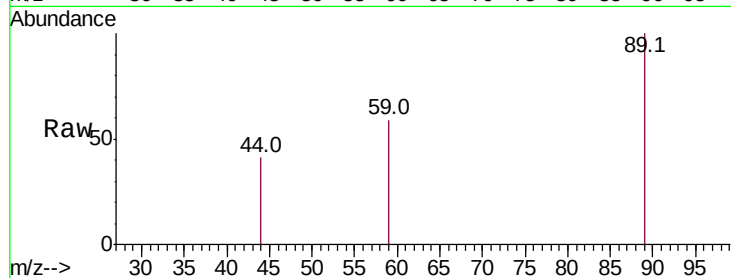


#11

Tert butyl alcohol
 Concen: 2.689 ug/l
 RT: 2.84 min Scan# 518
 Delta R.T. 0.02 min
 Lab File: VU028793.D
 Acq: 19 Dec 2018 14:56

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 MSVOA_U
 ClientSampleId :
 SA.PZ149I-20181208

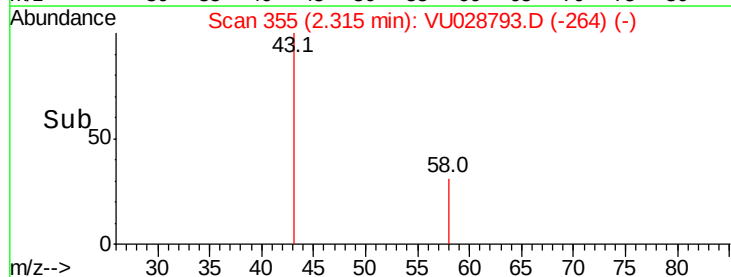
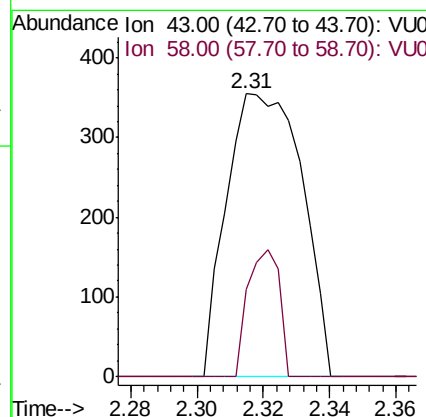
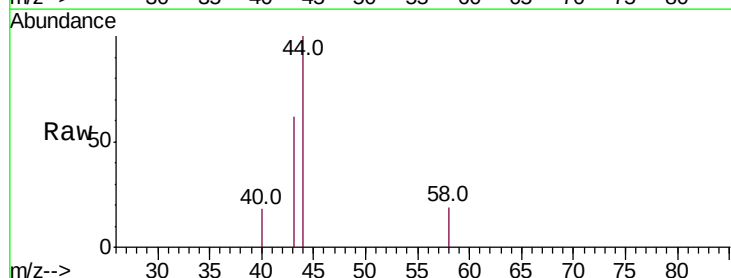
Tot Ion: 59 Resp: 1117
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#

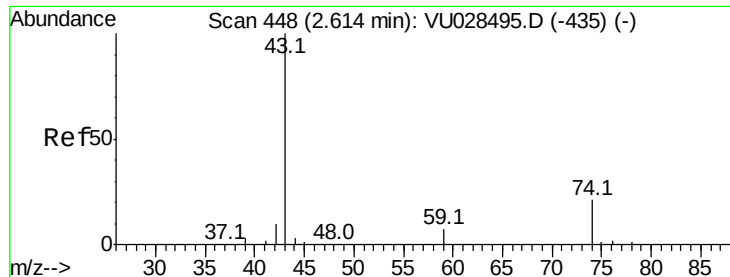


#16

Acetone
 Concen: 0.462 ug/l
 RT: 2.31 min Scan# 355
 Delta R.T. -0.01 min
 Lab File: VU028793.D
 Acq: 19 Dec 2018 14:56

Tgt Ion: 43 Resp: 562
 Ion Ratio Lower Upper
 43 100
 58 30.7 24.6 37.0

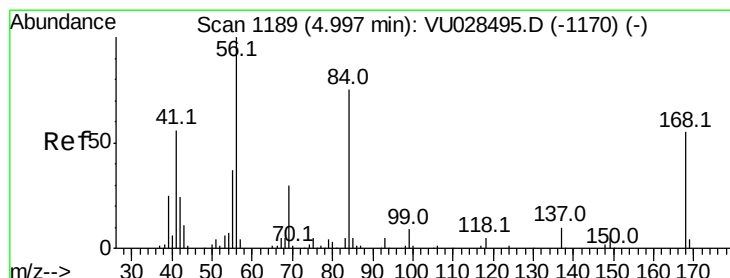
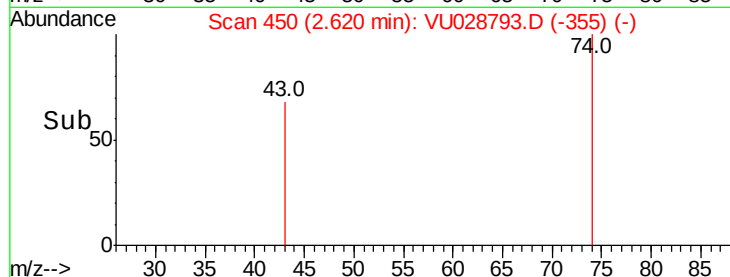
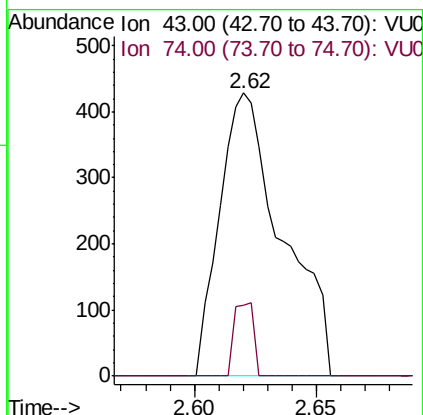
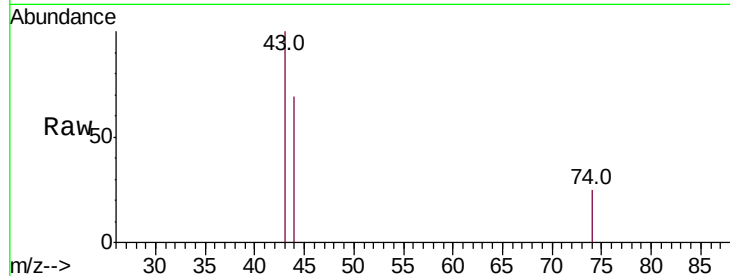




#18
Methvl Acetate
Concen: 0.243 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.01 min
Lab File: VU028793.D
Acq: 19 Dec 2018 14:56

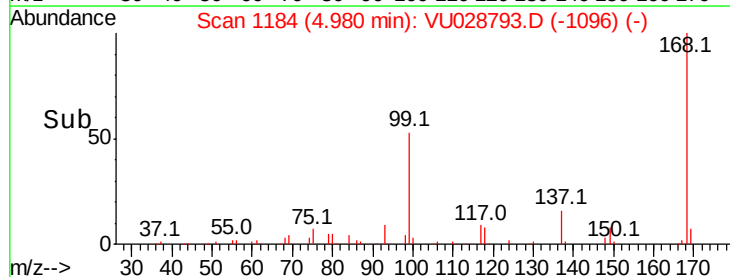
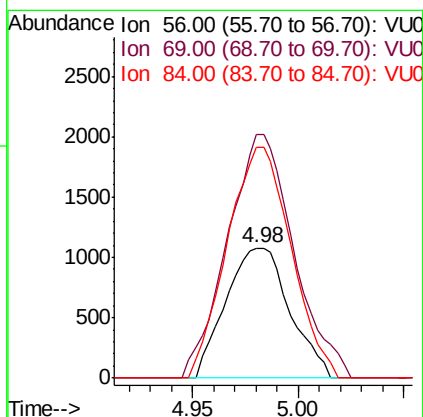
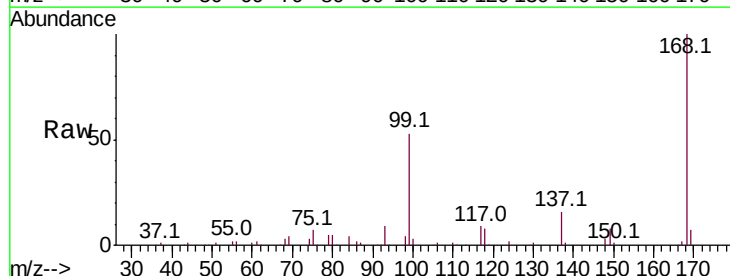
Instrument :
MSVOA_U
ClientSampleId :
SA.PZ149I-20181208

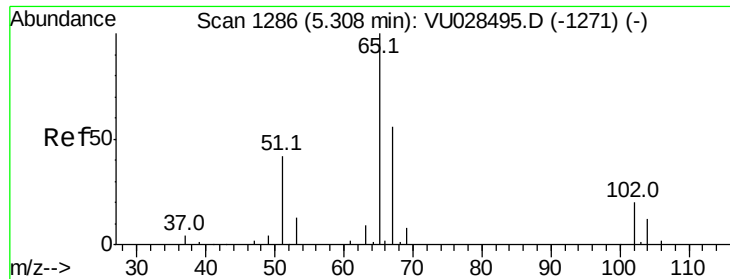
Tot Ion: 43 Resp: 765
Ion Ratio Lower Upper
43 100
74 8.2 16.4 24.6#



#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU028793.D
Acq: 19 Dec 2018 14:56

Tgt Ion: 56 Resp: 2270
Ion Ratio Lower Upper
56 100
69 173.0 24.0 36.0#
84 177.5 59.7 89.5#

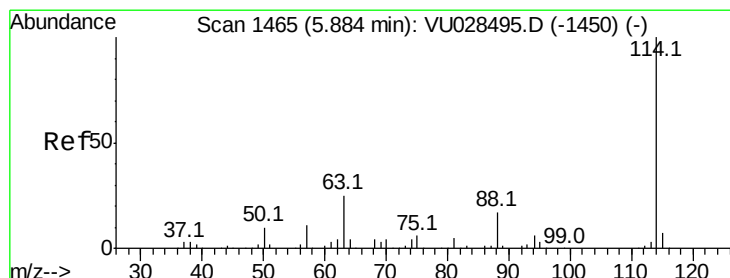
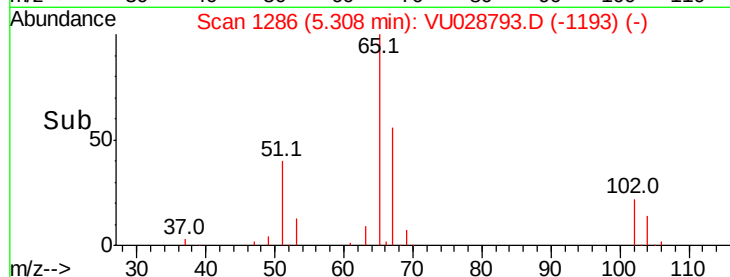
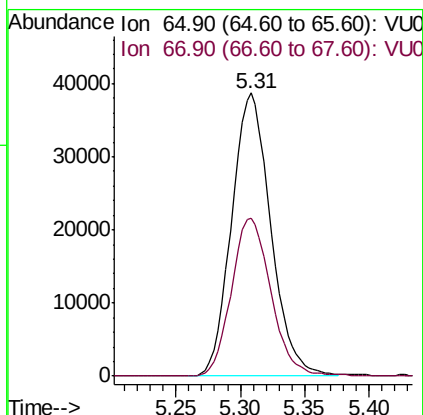
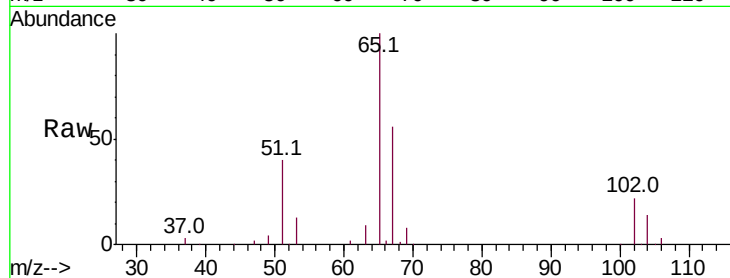




#33
 1,2-Dichloroethane-d4
 Concen: 43.800 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028793.D
 Acq: 19 Dec 2018 14:56

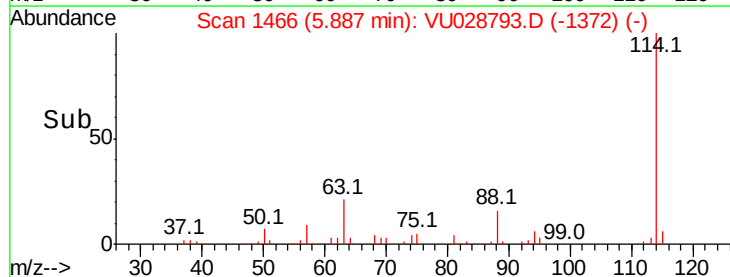
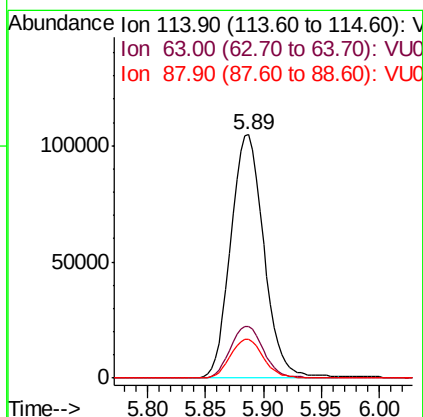
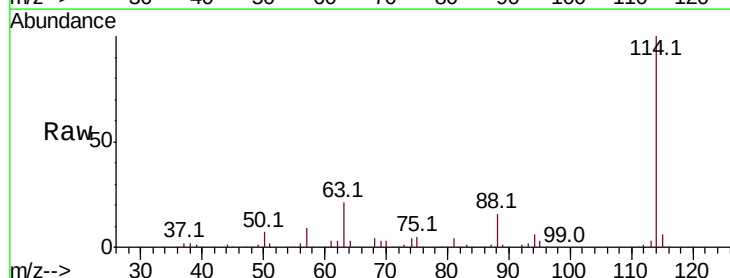
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 SA.PZ149I-20181208

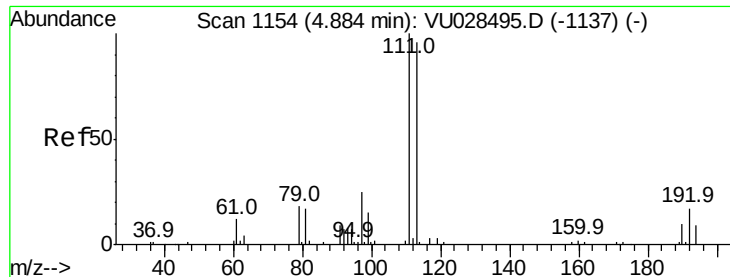
Tot Ion: 65 Resp: 81653
 Ion Ratio Lower Upper
 65 100
 67 56.5 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028793.D
 Acq: 19 Dec 2018 14:56

Tgt Ion: 114 Resp: 207764
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 49.2
 88 15.8 0.0 33.4

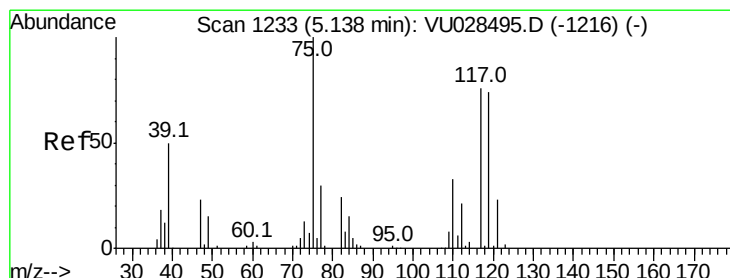
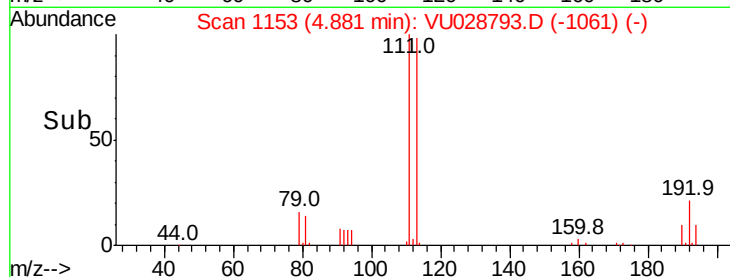
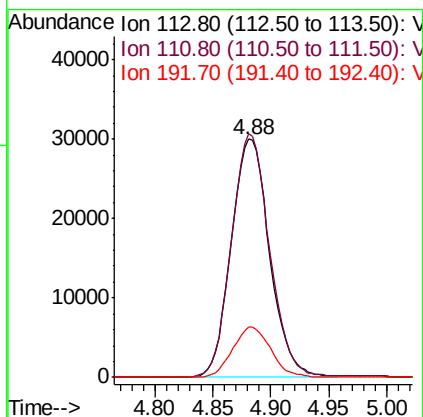
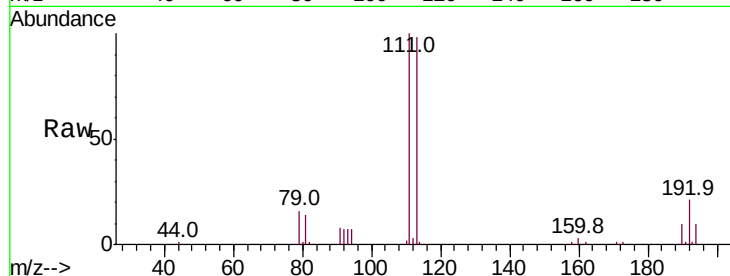




#35
 Dibromofluoromethane
 Concen: 52.749 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028793.D
 Acq: 19 Dec 2018 14:56

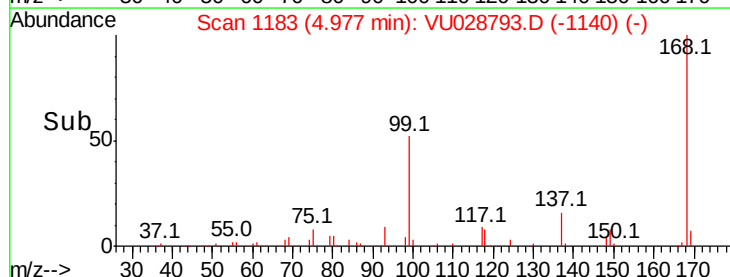
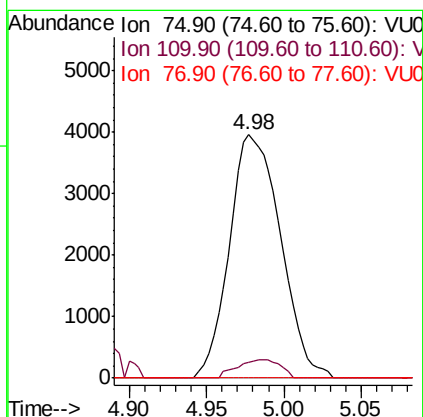
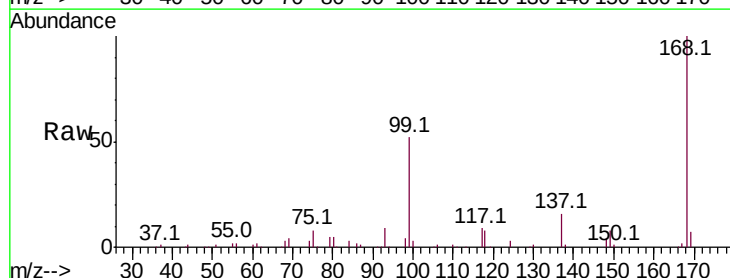
Instrument :
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 ClientSampleId :
 SA.PZ149I-20181208

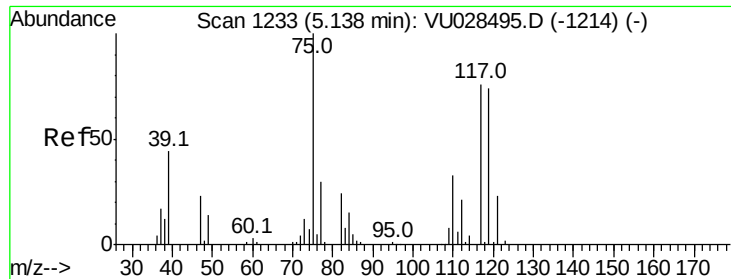
Tot Ion:113 Resp: 68968
 Ion Ratio Lower Upper
 113 100
 111 101.3 83.4 125.0
 192 20.8 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 3.998 ug/l
 RT: 4.98 min Scan# 1183
 Delta R.T. -0.16 min
 Lab File: VU028793.D
 Acq: 19 Dec 2018 14:56

Tgt Ion: 75 Resp: 9089
 Ion Ratio Lower Upper
 75 100
 110 6.4 16.1 48.2#
 77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 5.905 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028793.D

Acq: 19 Dec 2018 14:56

Instrument :

MSVOA_U

ClientSampleId :

SA.PZ149I-20181208

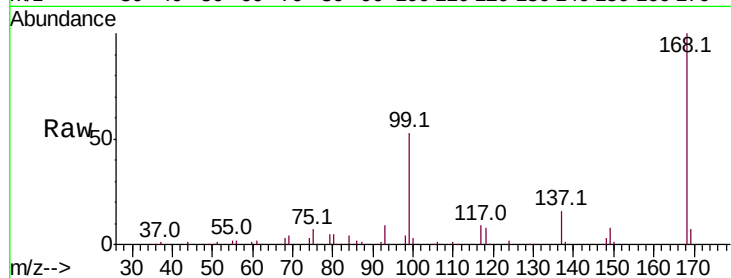
Tot Ion:117 Resp: 10821

Ion Ratio Lower Upper

117 100

119 5.5 77.6 116.4#

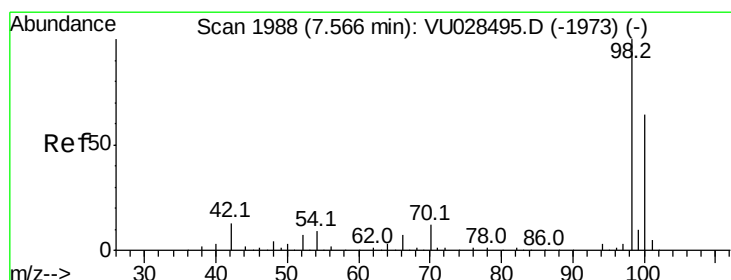
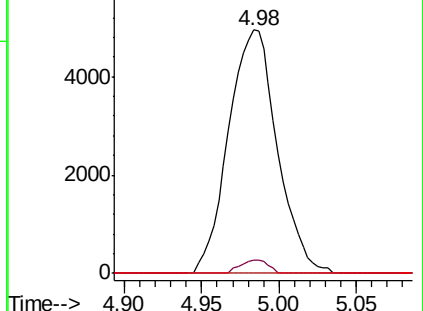
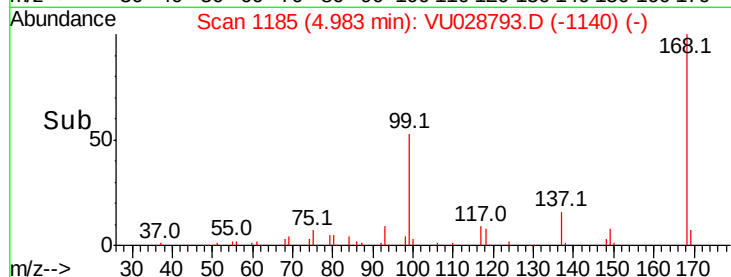
121 0.0 24.6 36.8#



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: 50.998 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028793.D

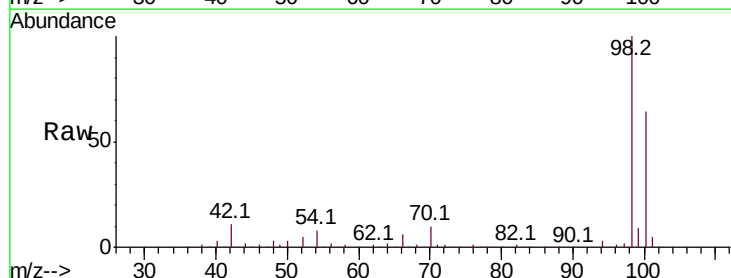
Acq: 19 Dec 2018 14:56

Tgt Ion: 98 Resp: 263767

Ion Ratio Lower Upper

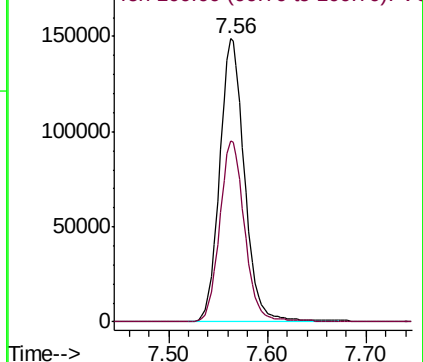
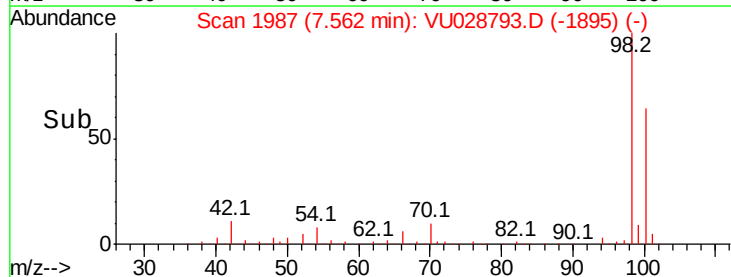
98 100

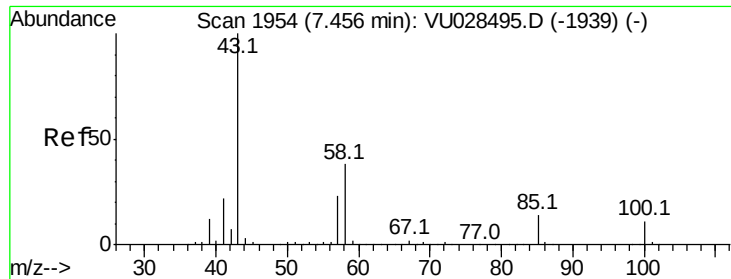
100 64.0 51.0 76.6



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: 0.346 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.11 min

Lab File: VU028793.D

Acq: 19 Dec 2018 14:56

Instrument :

MSVOA_U

ClientSampleId :

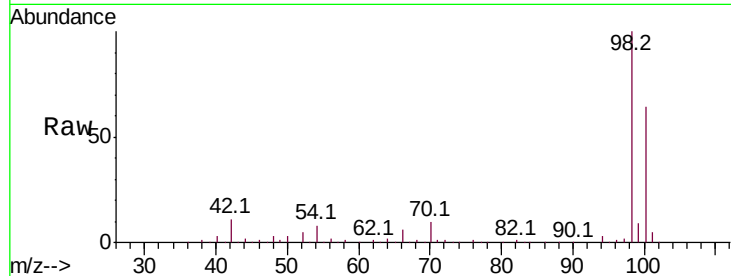
SA.PZ149I-20181208

Tot Ion: 43 Resp: 1014

Ion Ratio Lower Upper

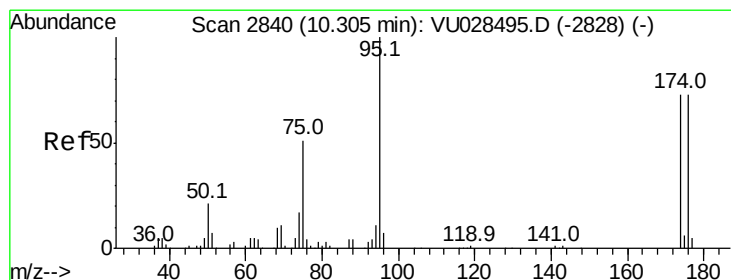
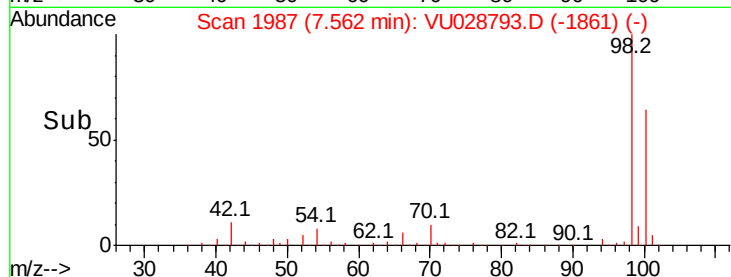
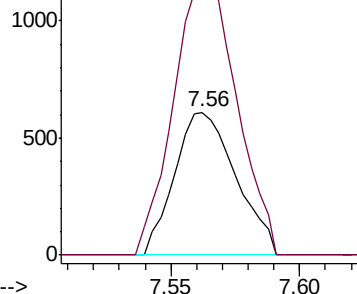
43 100

58 200.4 30.2 45.2#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#62

4-Bromofluorobenzene

Concen: 42.013 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028793.D

Acq: 19 Dec 2018 14:56

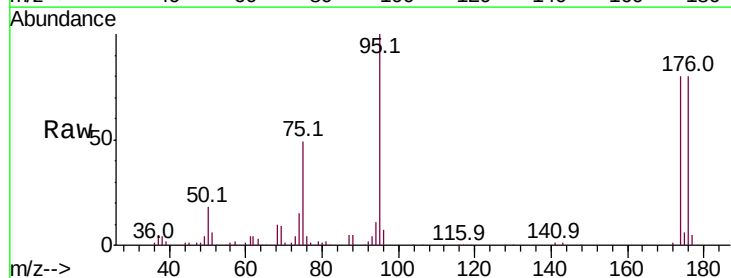
Tgt Ion: 95 Resp: 81217

Ion Ratio Lower Upper

95 100

174 81.5 0.0 150.4

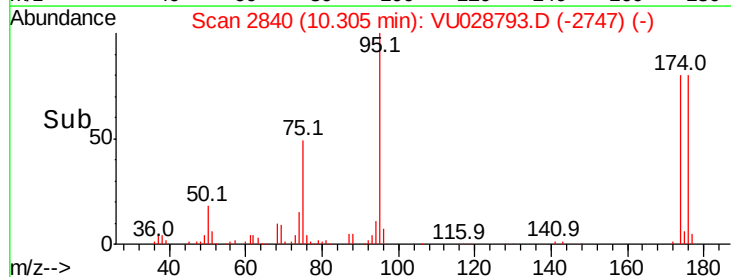
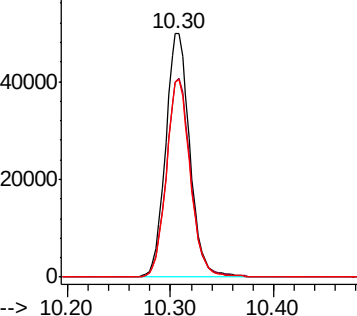
176 80.0 0.0 145.2

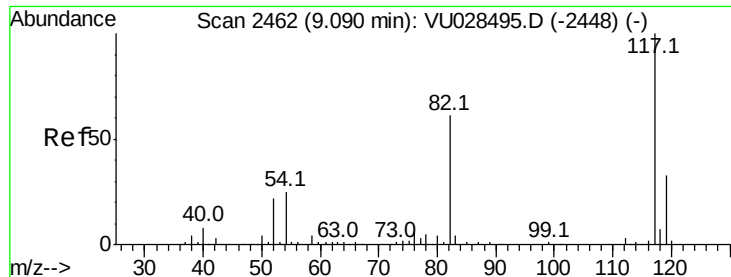


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

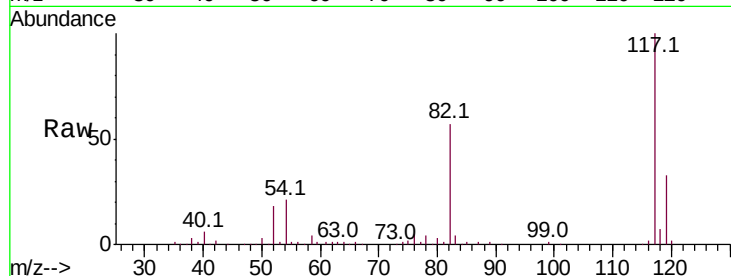




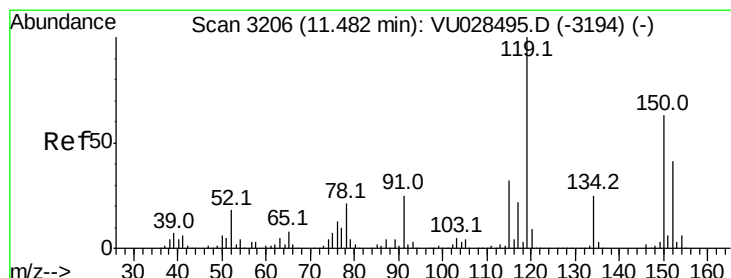
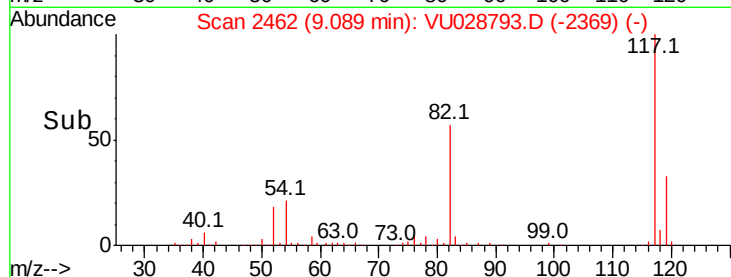
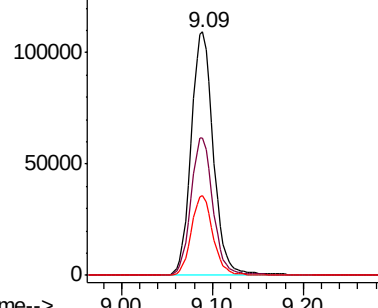
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028793.D
Acq: 19 Dec 2018 14:56

Instrument :
MSVOA_U
ClientSampleId :
SA.PZ149I-20181208

Tot Ion:117 Resp: 186010
Ion Ratio Lower Upper
117 100
82 56.7 48.9 73.3
119 32.5 26.2 39.4

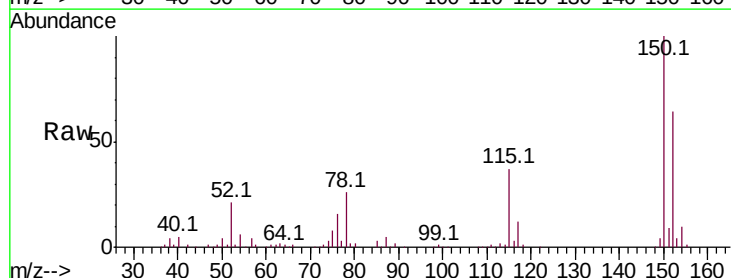


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

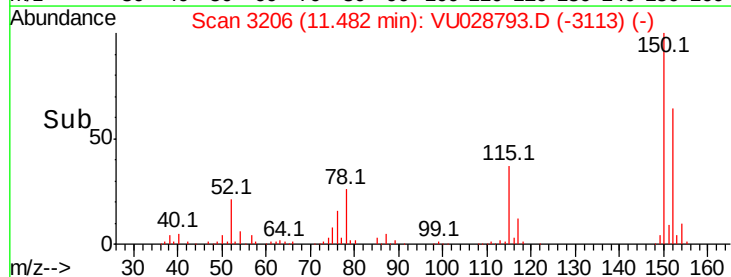
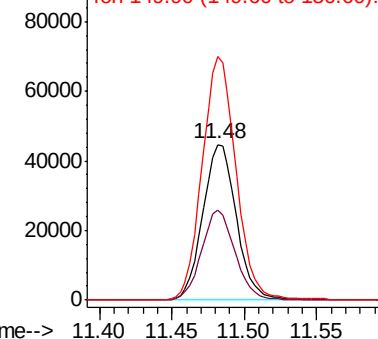


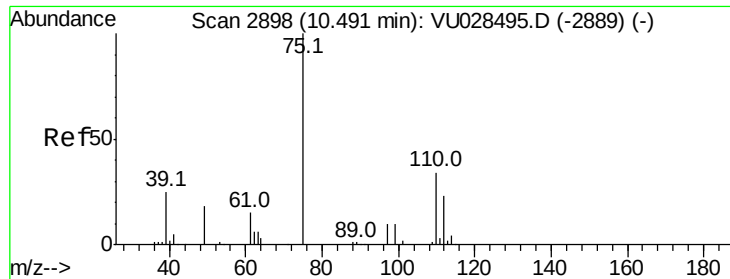
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028793.D
Acq: 19 Dec 2018 14:56

Tgt Ion:152 Resp: 71675
Ion Ratio Lower Upper
152 100
115 57.6 42.7 128.1
150 157.1 0.0 346.0



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: 21.445 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.18 min

Lab File: VU028793.D

Acq: 19 Dec 2018 14:56

Instrument :

MSVOA_U

ClientSampleId :

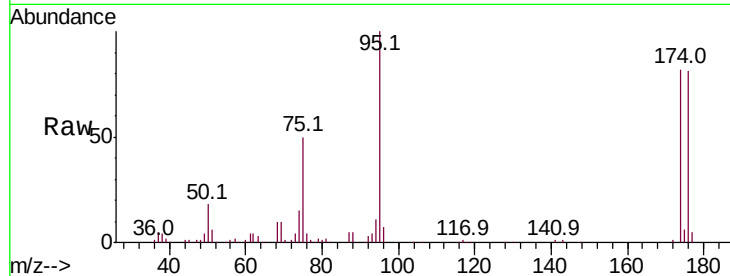
SA.PZ149I-20181208

Tot Ion: 75 Resp: 39250

Ion Ratio Lower Upper

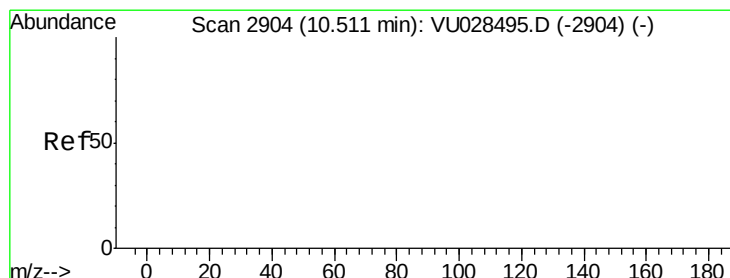
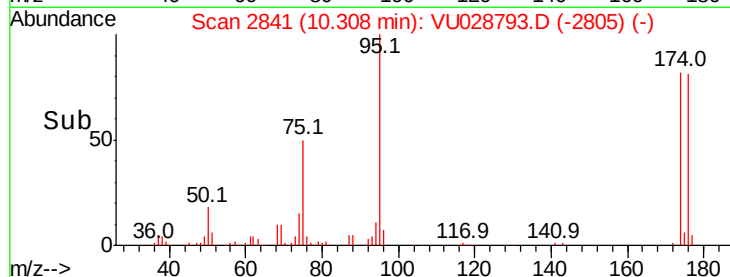
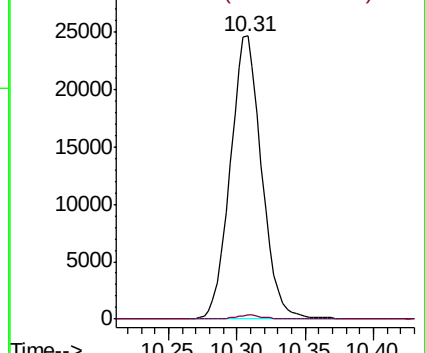
75 100

77 1.2 20.8 62.4#



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: 52.699 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU028793.D

Acq: 19 Dec 2018 14:56

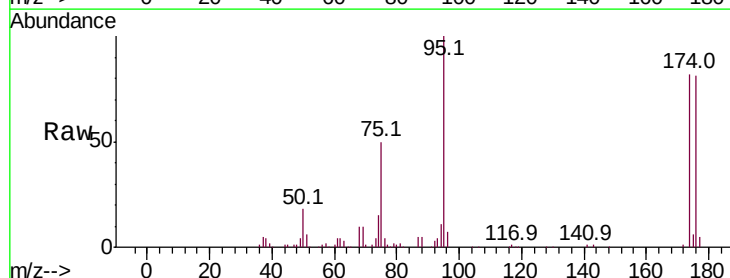
Tgt Ion: 75 Resp: 39250

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

