

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121918\
 Data File : VU028798.D
 Acq On : 19 Dec 2018 16:57
 Operator : MD/SY
 Sample : J6449-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-5A_R1

Quant Time: Dec 20 03:21:45 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

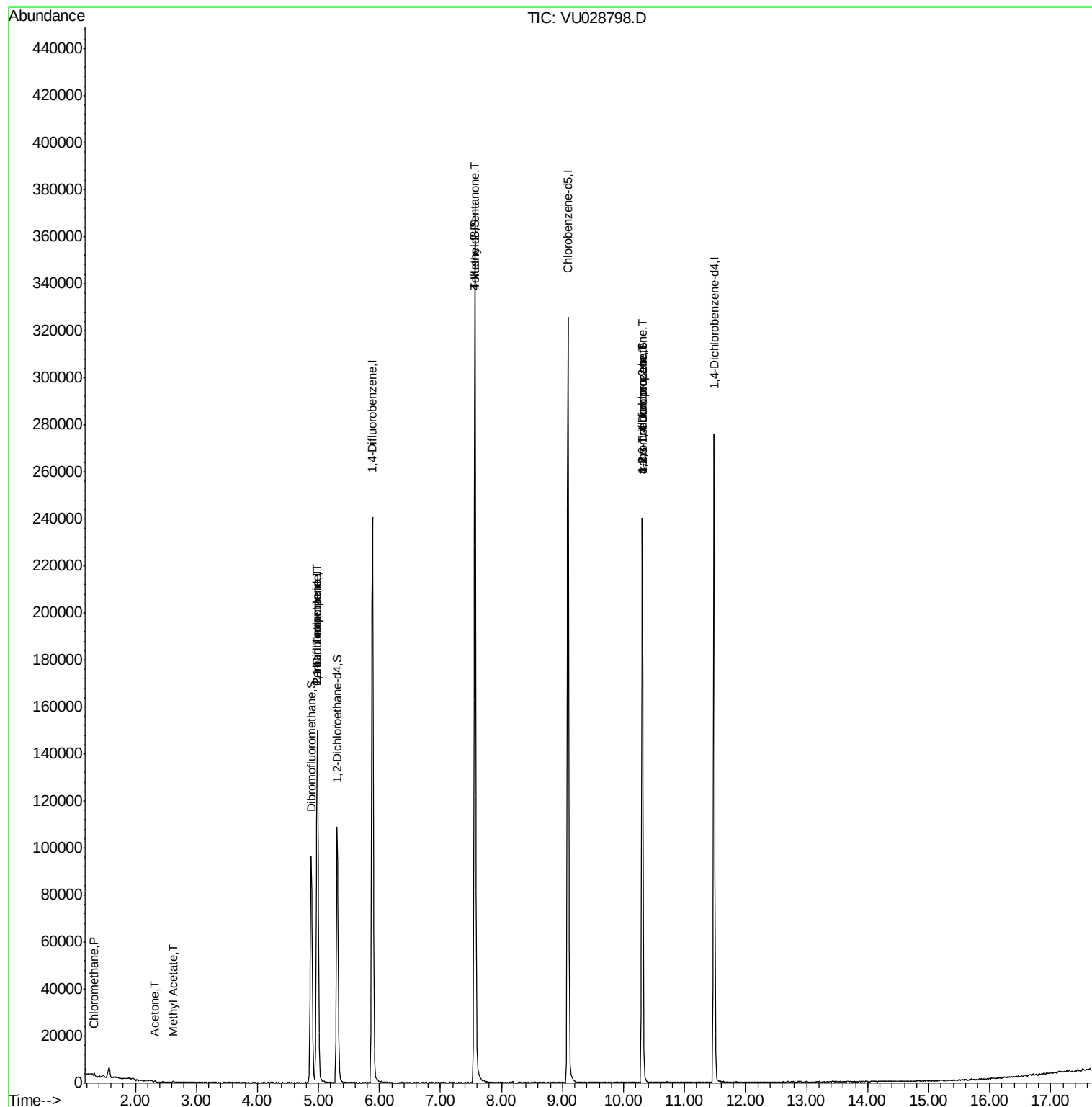
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	122208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	208216	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	185741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	72387	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	80657	43.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.50%	
35) Dibromofluoromethane	4.88	113	68550	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.64%	
50) Toluene-d8	7.56	98	260219	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	10.30	95	82270	42.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.92%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	1009	0.335	ug/l	92
16) Acetone	2.32	43	381	0.313	ug/l #	73
18) Methyl Acetate	2.62	43	778	0.247	ug/l #	67
31) Cyclohexane	4.98	56	2128	Below Cal	#	1
36) 1,1-Dichloropropene	4.99	75	9396	4.124	ug/l #	49
38) Carbon Tetrachloride	4.98	117	10718	5.836	ug/l #	15
51) 4-Methyl-2-Pentanone	7.56	43	992	0.338	ug/l #	1
76) 1,2,3-Trichloropropane	10.30	75	38717	20.946	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.30	75	38717	51.484	ug/l #	100

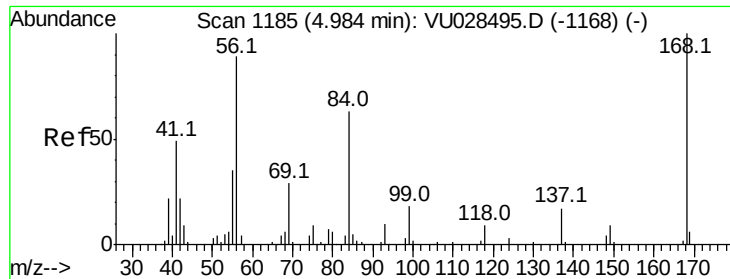
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121918\
Data File : VU028798.D
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Quant Time: Dec 20 03:21:45 2018
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Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028798.D

Acq: 19 Dec 2018 16:57

Instrument :

MSVOA_U

ClientSampleId :

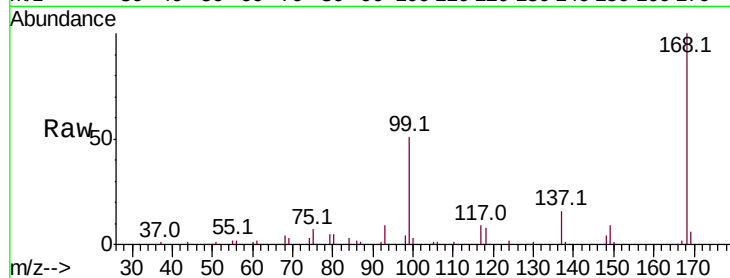
MW-5A_R1

Tot Ion:168 Resp: 122208

Ion Ratio Lower Upper

168 100

99 51.2 46.6 69.8



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

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

60000

50000

40000

30000

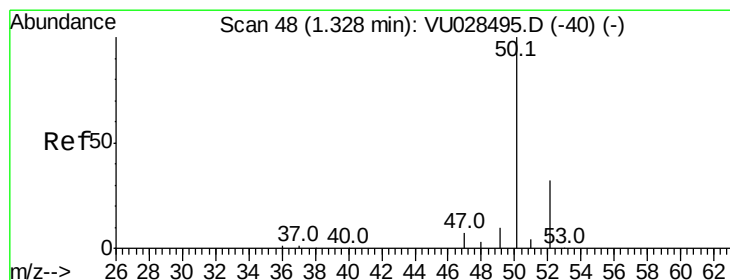
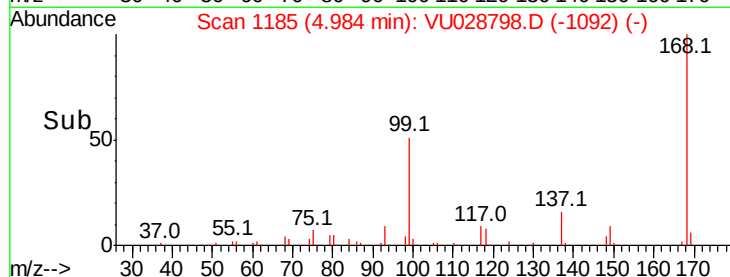
20000

10000

0

4.90 5.00 5.10

Time-->



#3

Chloromethane

Concen: 0.335 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028798.D

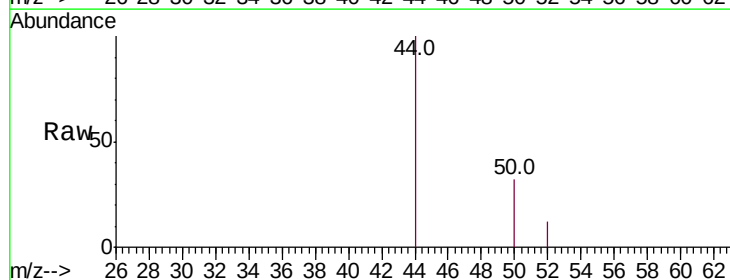
Acq: 19 Dec 2018 16:57

Tgt Ion: 50 Resp: 1009

Ion Ratio Lower Upper

50 100

52 36.1 25.5 38.3



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

Ion 51.90 (51.60 to 52.60): VU028495.D (-40) (-)

1.33

1000

800

600

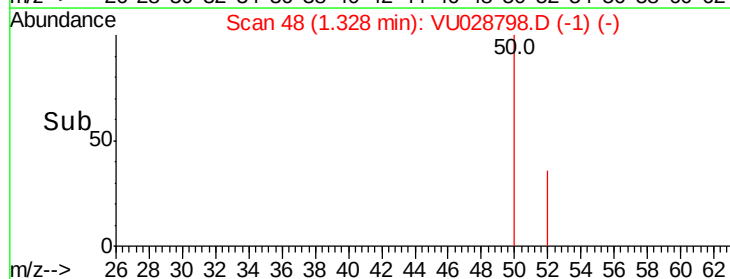
400

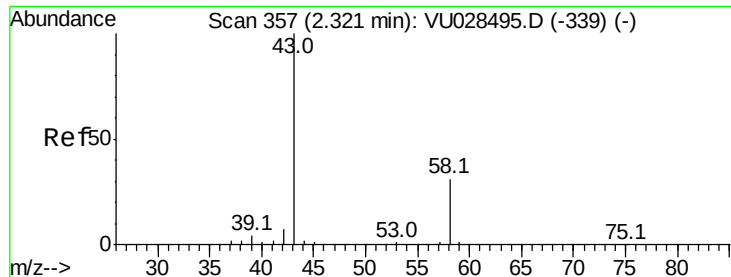
200

0

1.30 1.32 1.34 1.36

Time-->





#16

Acetone

Concen: 0.313 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028798.D

Acq: 19 Dec 2018 16:57

Instrument :

MSVOA_U

ClientSampleId :

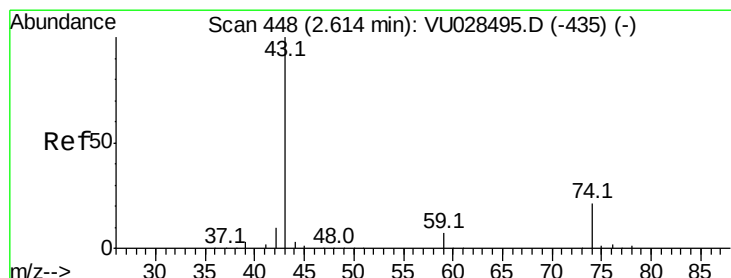
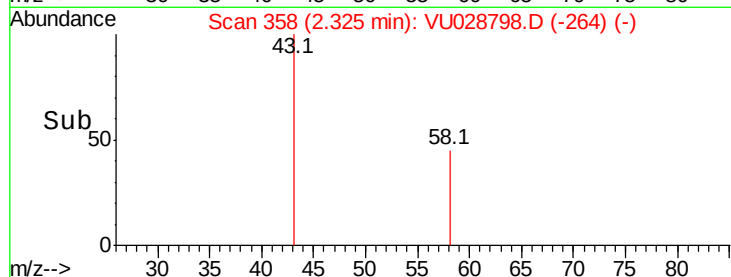
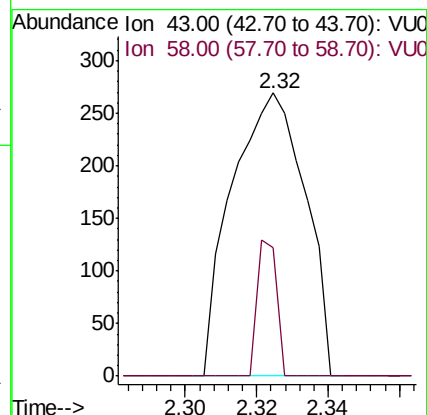
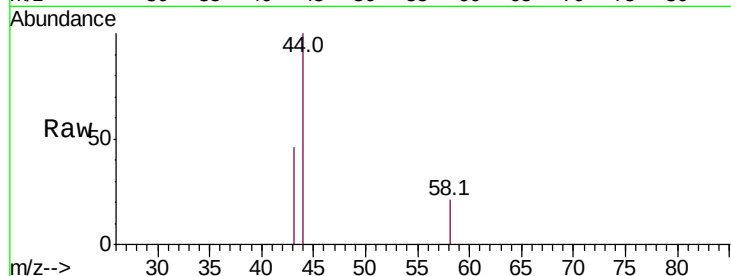
MW-5A_R1

Tot Ion: 43 Resp: 381

Ion Ratio Lower Upper

43 100

58 45.4 24.6 37.0#



#18

Methyl Acetate

Concen: 0.247 ug/l

RT: 2.62 min Scan# 450

Delta R.T. 0.01 min

Lab File: VU028798.D

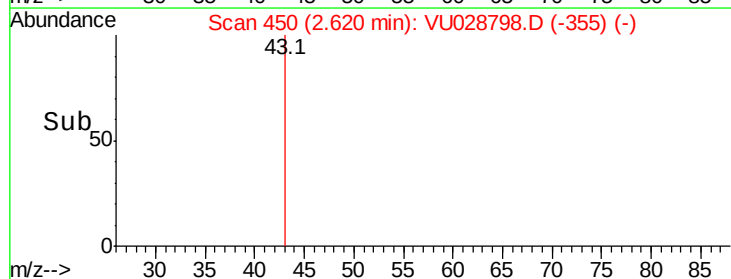
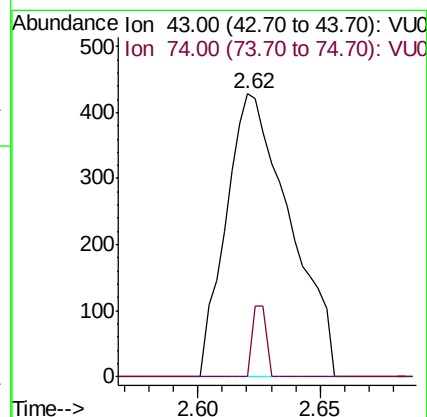
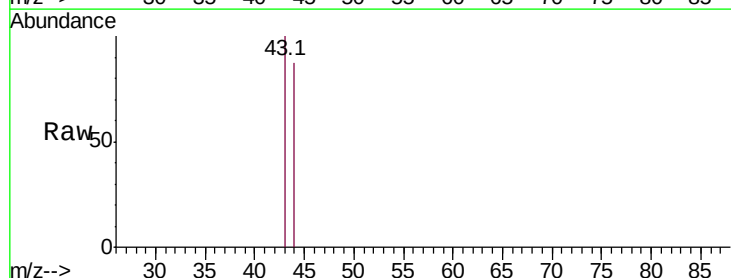
Acq: 19 Dec 2018 16:57

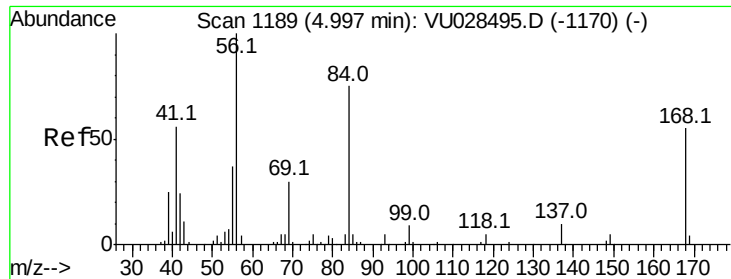
Tgt Ion: 43 Resp: 778

Ion Ratio Lower Upper

43 100

74 5.4 16.4 24.6#

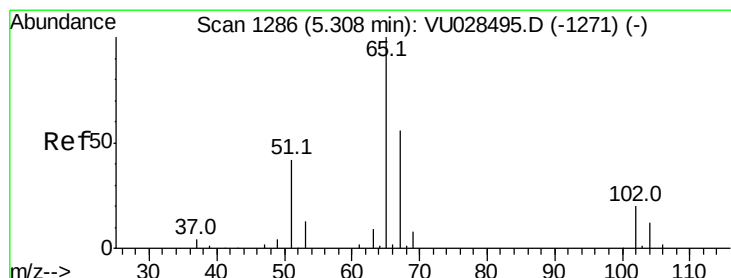
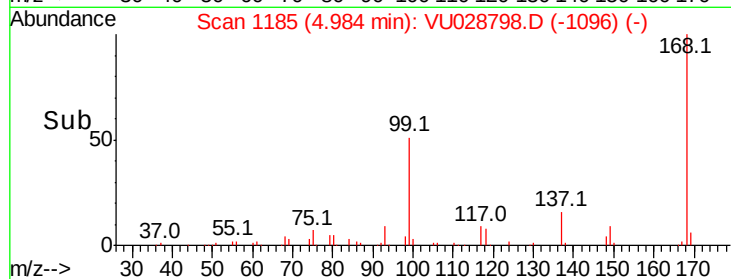
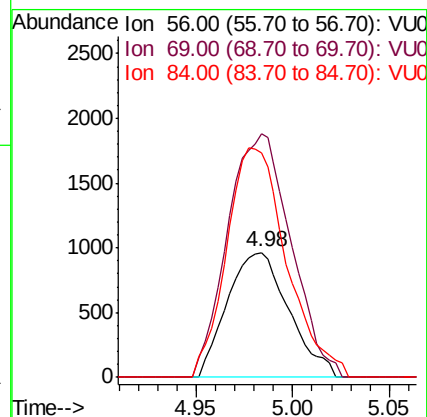
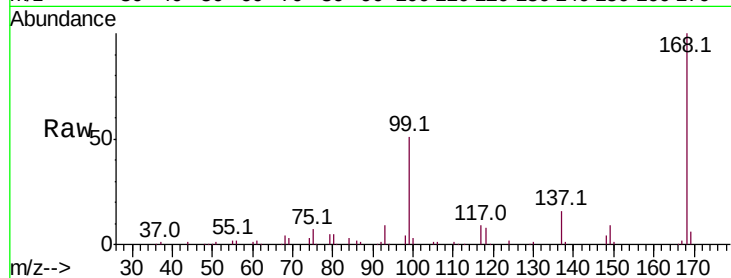




#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU028798.D
Acq: 19 Dec 2018 16:57

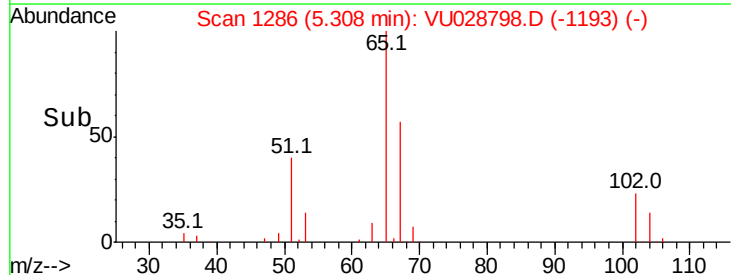
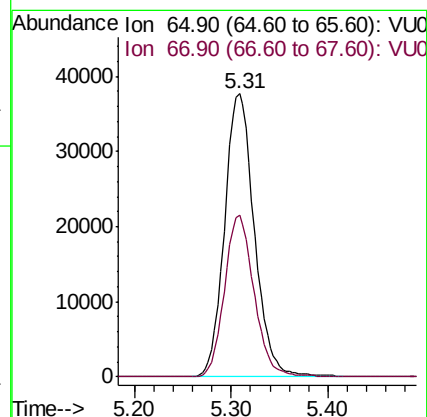
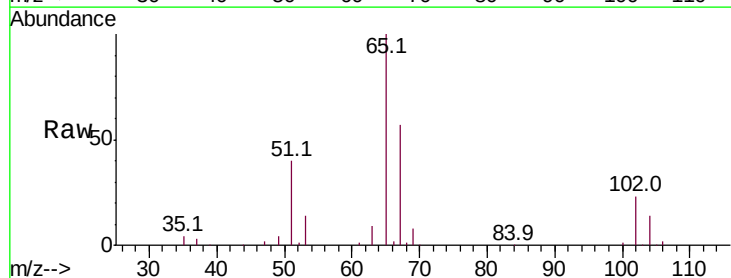
Instrument :
MSVOA_U
ClientSampleId :
MW-5A_R1

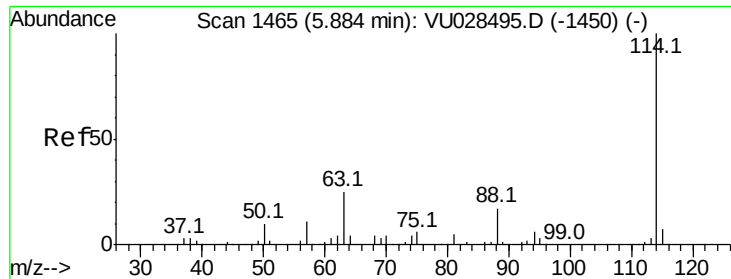
Tot Ion: 56 Resp: 2128
Ion Ratio Lower Upper
56 100
69 195.4 24.0 36.0#
84 180.0 59.7 89.5#



#33
1,2-Dichloroethane-d4
Concen: 43.248 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028798.D
Acq: 19 Dec 2018 16:57

Tgt Ion: 65 Resp: 80657
Ion Ratio Lower Upper
65 100
67 56.3 0.0 110.6

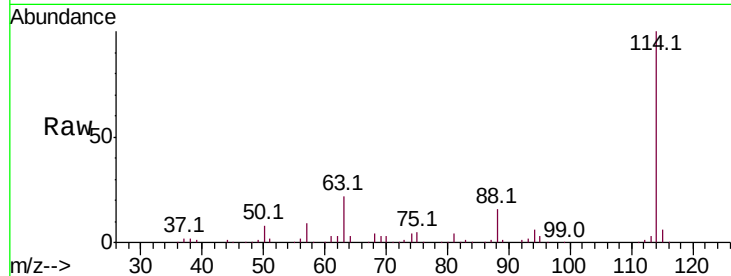




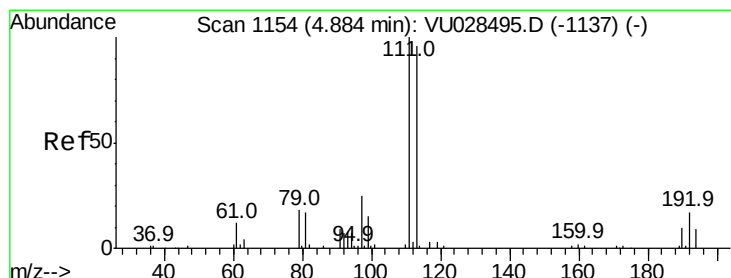
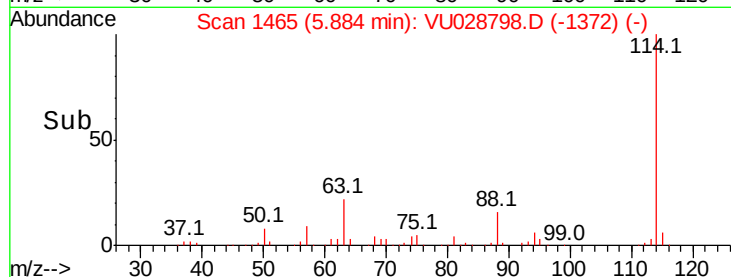
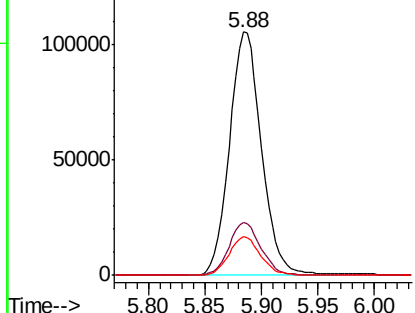
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028798.D
 Acq: 19 Dec 2018 16:57

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-5A_R1

Tot Ion:	114	Resp:	208216
Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	49.2
88	15.8	0.0	33.4

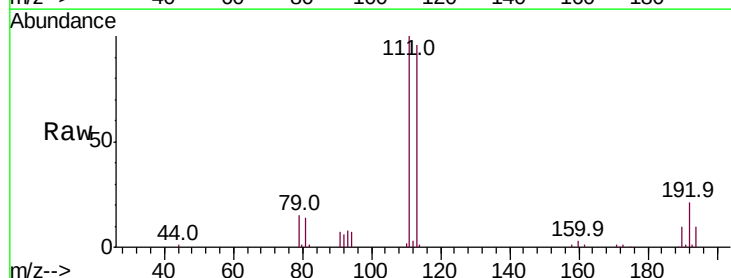


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

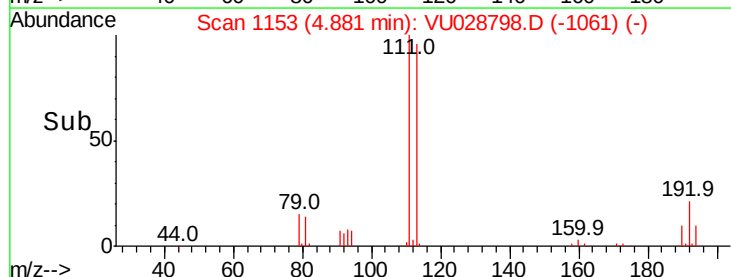
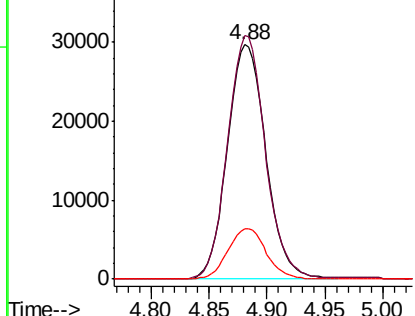


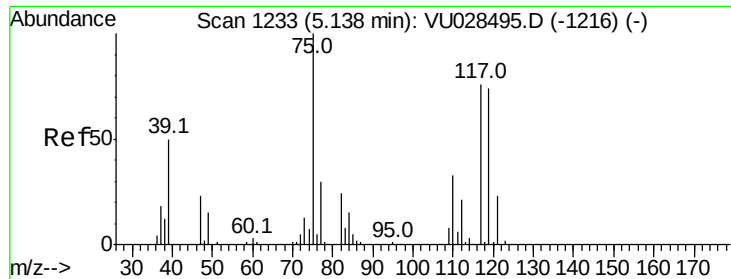
#35
 Dibromofluoromethane
 Concen: 52.316 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028798.D
 Acq: 19 Dec 2018 16:57

Tgt Ion:	113	Resp:	68550
Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.4	125.0
192	21.4	14.8	22.2



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

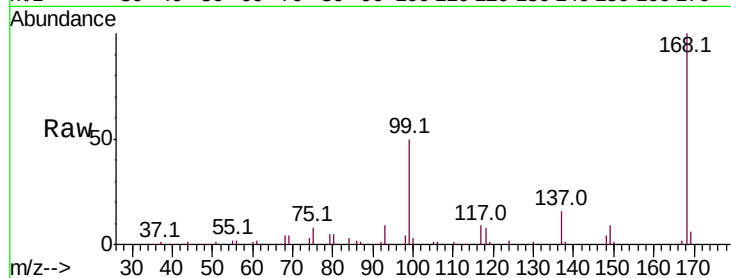




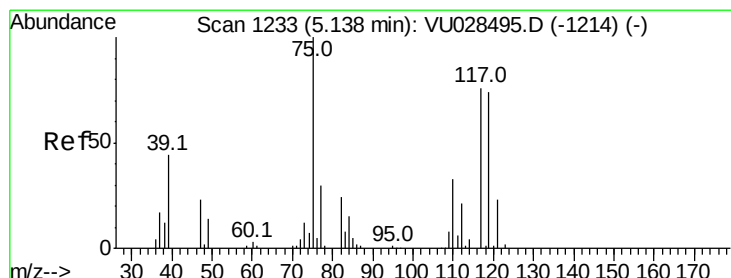
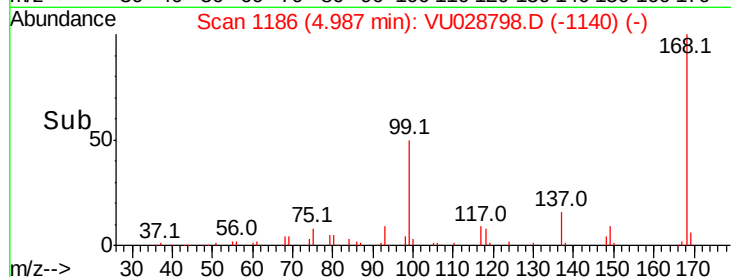
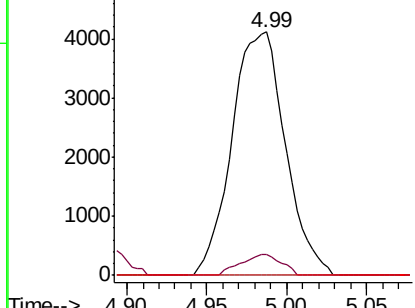
#36
 1,1-Dichloropropene
 Concen: 4.124 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU028798.D
 Acq: 19 Dec 2018 16:57

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-5A_R1

Tot Ion	Ratio	Lower	Upper
75	100		
110	6.4	16.1	48.2#
77	0.0	24.5	36.7#

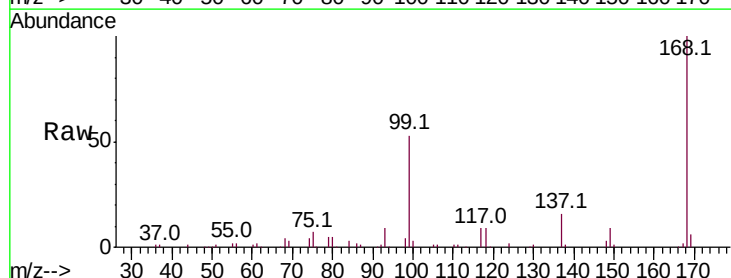


Abundance Ion 74.90 (74.60 to 75.60): VU028495.D (-1216) (-)
 Ion 109.90 (109.60 to 110.60): VU028495.D (-1216) (-)
 Ion 76.90 (76.60 to 77.60): VU028495.D (-1216) (-)

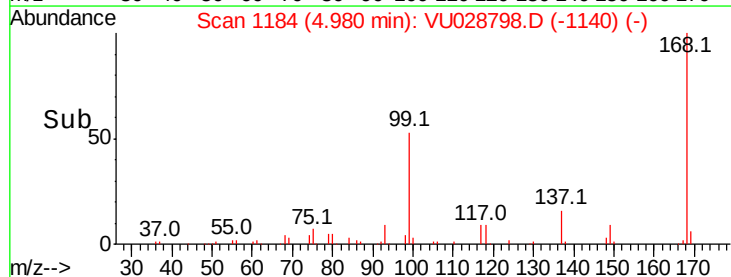
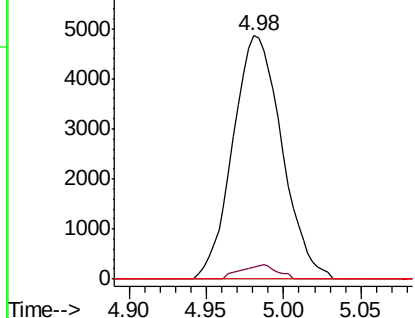


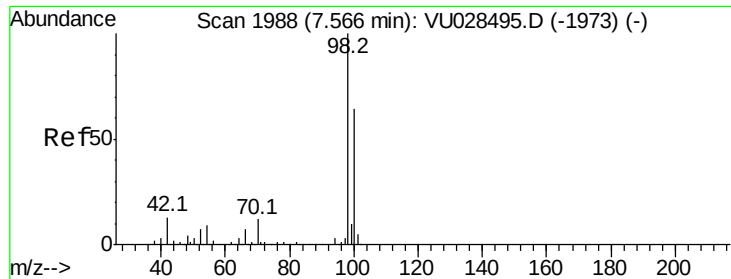
#38
 Carbon Tetrachloride
 Concen: 5.836 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028798.D
 Acq: 19 Dec 2018 16:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.6	116.4#
121	0.0	24.6	36.8#



Abundance Ion 116.80 (116.50 to 117.50): VU028495.D (-1216) (-)
 Ion 118.80 (118.50 to 119.50): VU028495.D (-1216) (-)
 Ion 120.80 (120.50 to 121.50): VU028495.D (-1216) (-)

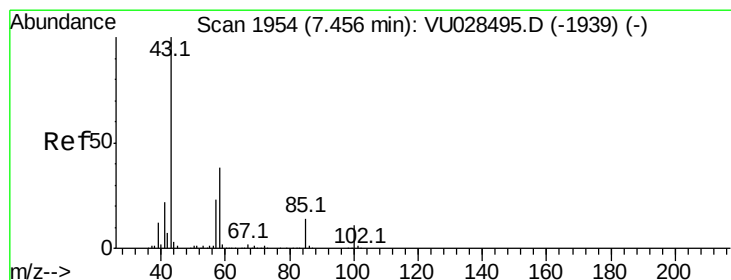
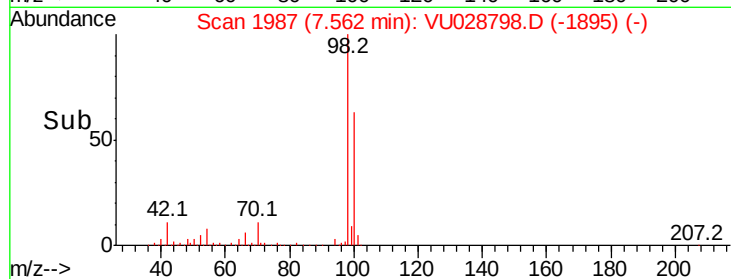
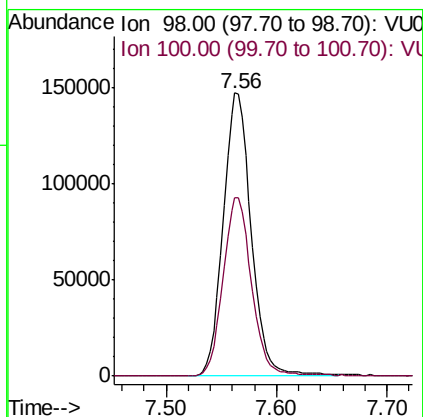
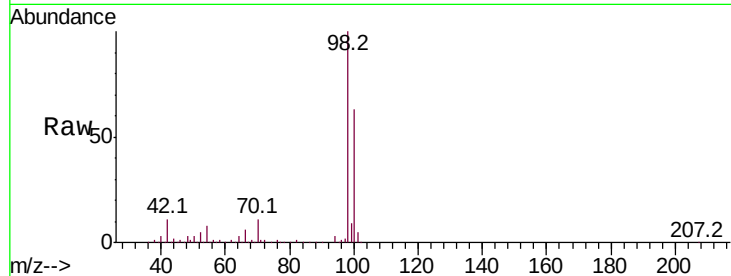




#50
Toluene-d8
Concen: 50.203 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028798.D
Acq: 19 Dec 2018 16:57

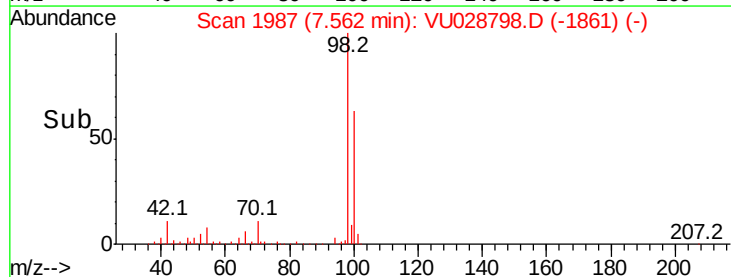
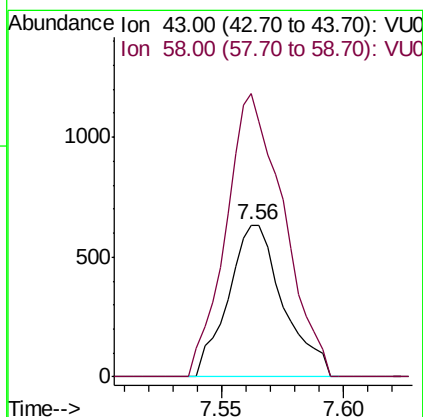
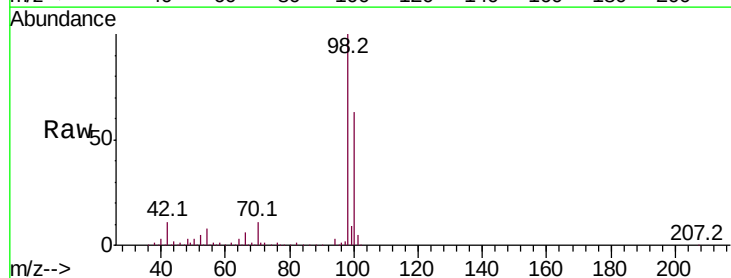
Instrument :
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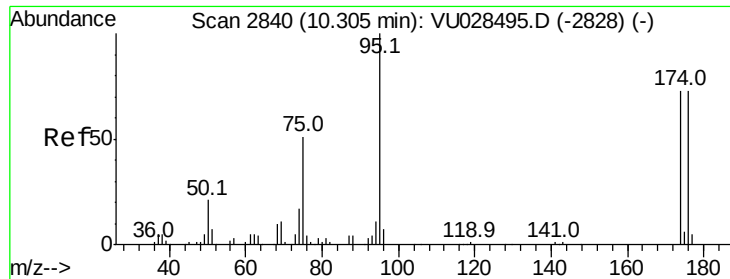
Tot Ion: 98 Resp: 260219
Ion Ratio Lower Upper
98 100
100 64.6 51.0 76.6



#51
4-Methyl-2-Pentanone
Concen: 0.338 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.11 min
Lab File: VU028798.D
Acq: 19 Dec 2018 16:57

Tgt Ion: 43 Resp: 992
Ion Ratio Lower Upper
43 100
58 195.4 30.2 45.2#

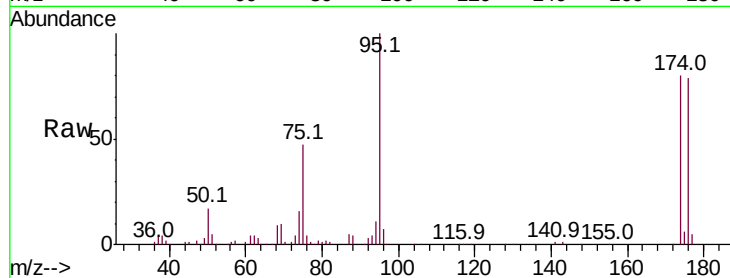




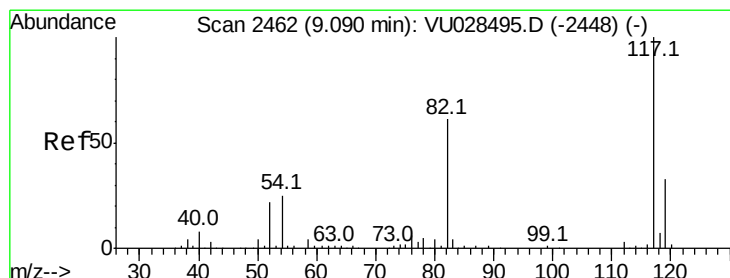
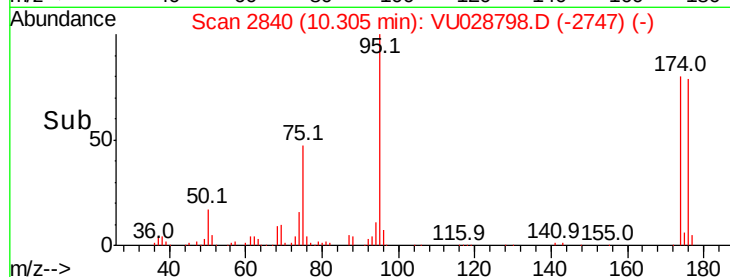
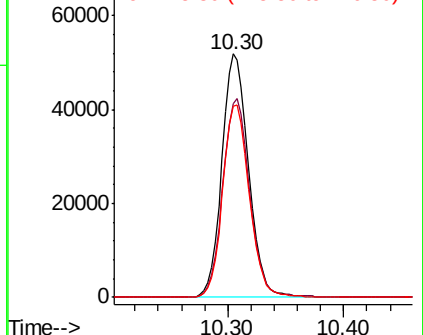
#62
4-Bromofluorobenzene
Concen: 42.465 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028798.D
Acq: 19 Dec 2018 16:57

Instrument :
MSVOA_U
ClientSampleId :
MW-5A_R1

Tot Ion: 95 Resp: 82270
Ion Ratio Lower Upper
95 100
174 82.6 0.0 150.4
176 79.2 0.0 145.2

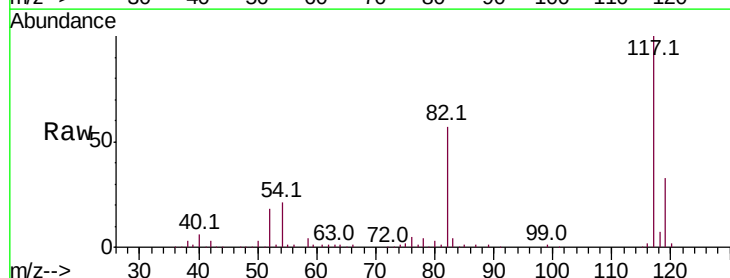


Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)
Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)
Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)

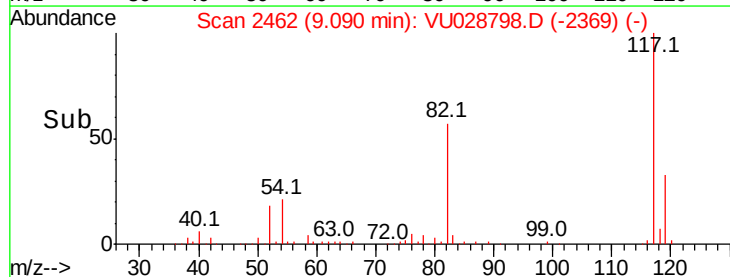
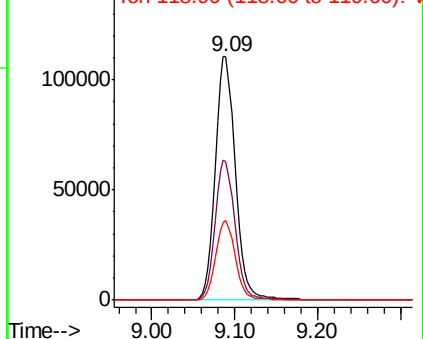


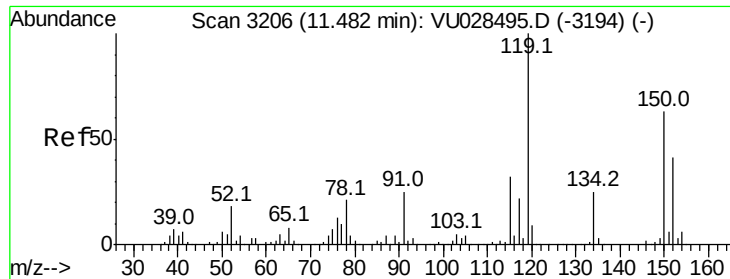
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028798.D
Acq: 19 Dec 2018 16:57

Tgt Ion: 117 Resp: 185741
Ion Ratio Lower Upper
117 100
82 56.9 48.9 73.3
119 32.6 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): VU028495.D (-2448) (-)
Ion 82.00 (81.70 to 82.70): VU028495.D (-2448) (-)
Ion 118.90 (118.60 to 119.60): VU028495.D (-2448) (-)

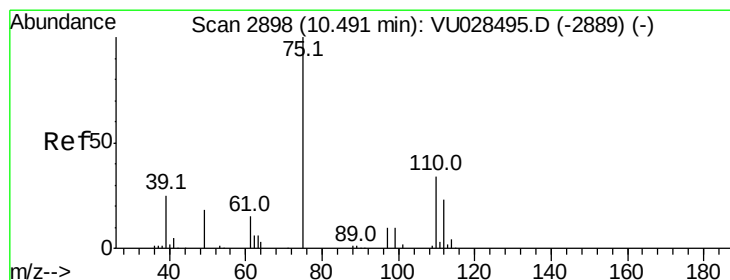
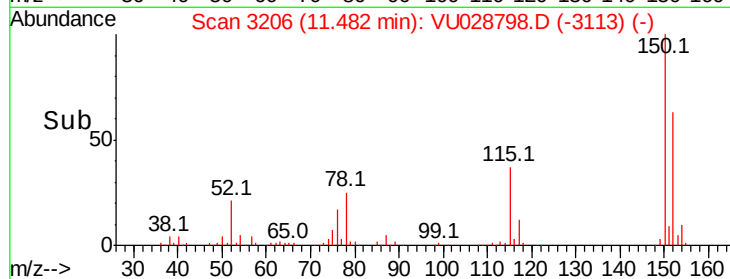
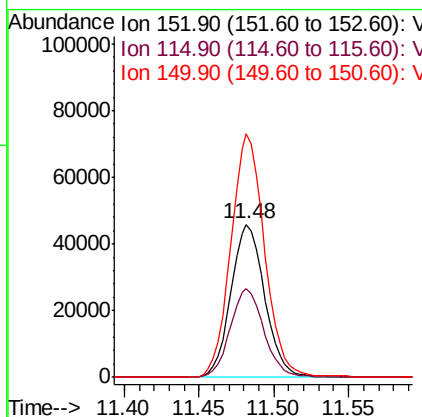
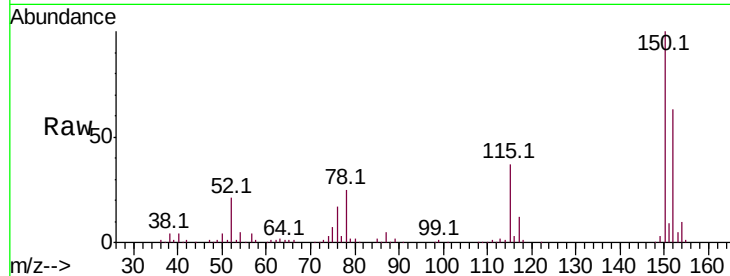




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. -0.00 min
 Lab File: VU028798.D
 Acq: 19 Dec 2018 16:57

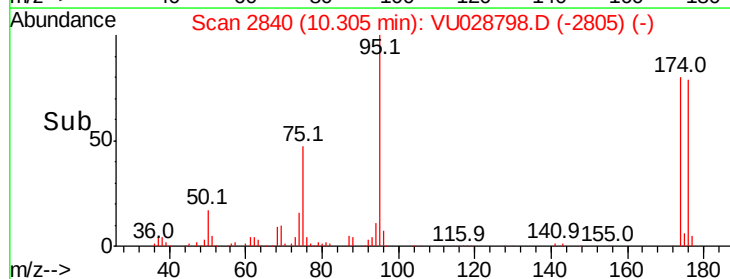
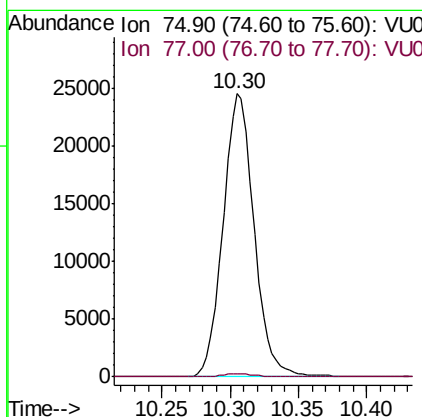
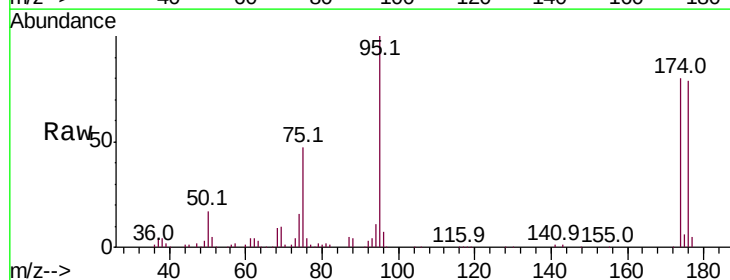
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-5A_R1

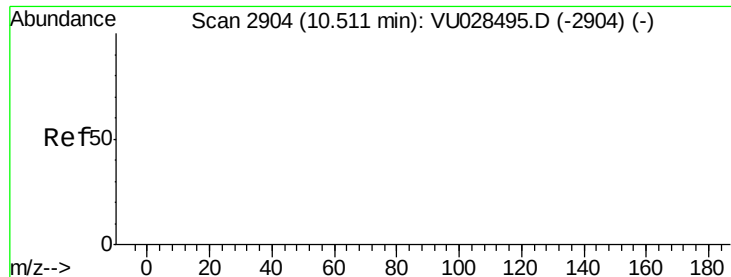
Tot Ion:152 Resp: 72387
 Ion Ratio Lower Upper
 152 100
 115 57.8 42.7 128.1
 150 158.0 0.0 346.0



#76
 1,2,3-Trichloropropane
 Concen: 20.946 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.19 min
 Lab File: VU028798.D
 Acq: 19 Dec 2018 16:57

Tgt Ion: 75 Resp: 38717
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.8 62.4#





#81

trans-1,4-Dichloro-2-butene

Concen: 51.484 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU028798.D

Acq: 19 Dec 2018 16:57

Instrument :

MSVOA_U

ClientSampleId :

MW-5A_R1

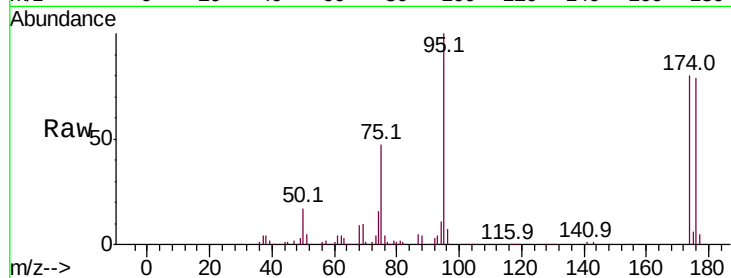
Tot Ion: 75 Resp: 38717

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

