

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121918\
 Data File : VU028797.D
 Acq On : 19 Dec 2018 16:33
 Operator : MD/SY
 Sample : J6408-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA.MW130S-20181208

Quant Time: Dec 20 03:21:35 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

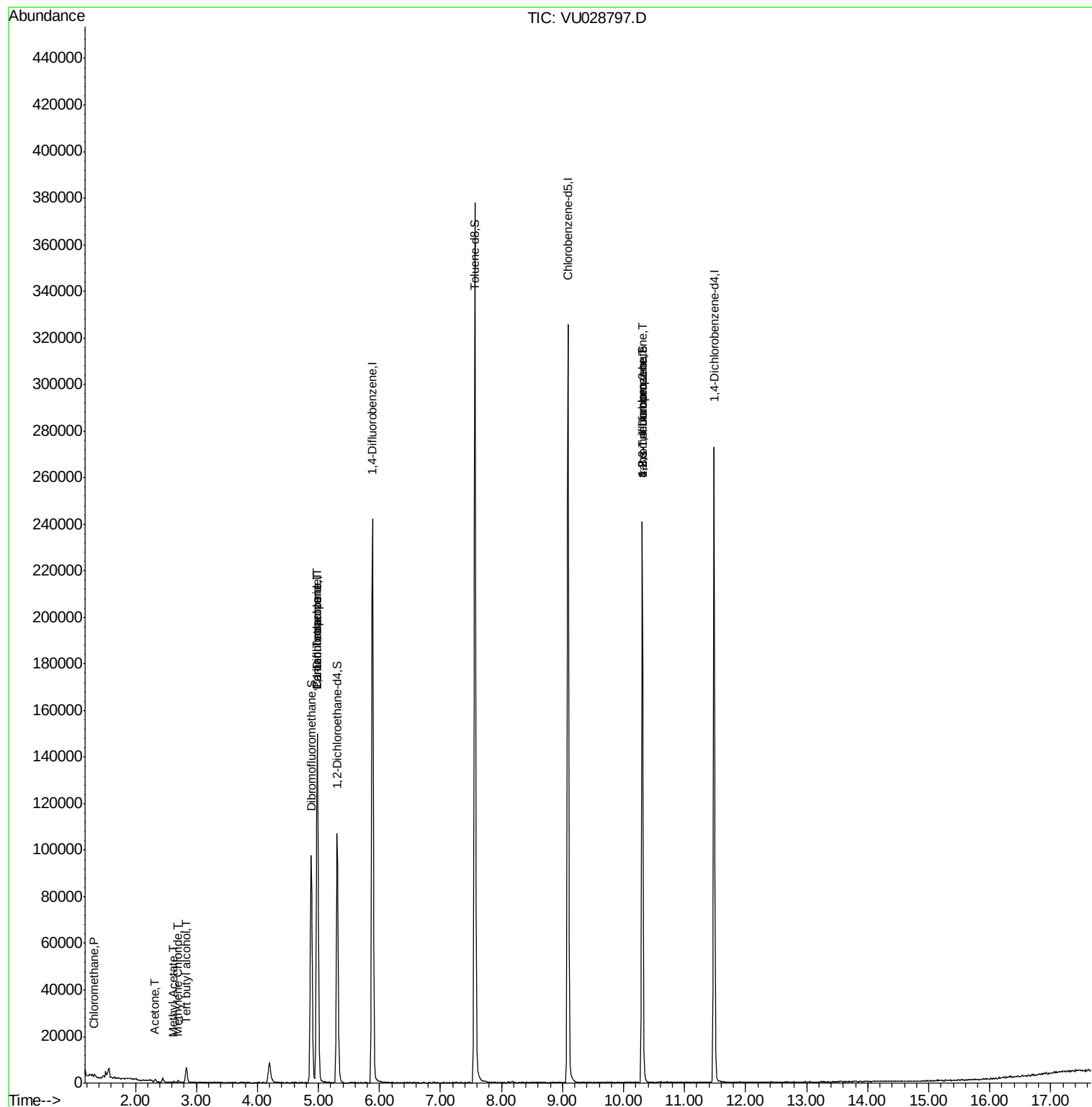
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	122289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	207456	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	189804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	74000	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	81595	43.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.44%	
35) Dibromofluoromethane	4.88	113	68791	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
50) Toluene-d8	7.56	98	259749	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	10.30	95	83874	43.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.90%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	1153	0.383	ug/l	96
11) Tert butyl alcohol	2.84	59	3886	9.346	ug/l #	73
16) Acetone	2.32	43	1598	1.312	ug/l	98
18) Methyl Acetate	2.62	43	682	0.216	ug/l #	56
20) Methylene Chloride	2.70	84	378	0.211	ug/l #	83
31) Cyclohexane	4.98	56	2280	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	8785	3.870	ug/l #	48
38) Carbon Tetrachloride	4.98	117	11128	6.082	ug/l #	15
76) 1,2,3-Trichloropropane	10.30	75	40056	21.198	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.30	75	40056	52.097	ug/l #	100

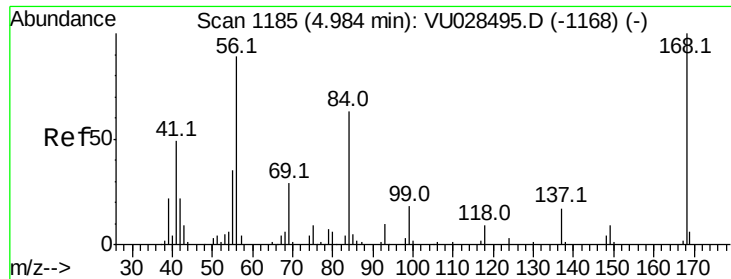
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028797.D

Acq: 19 Dec 2018 16:33

Instrument :

MSVOA_U

ClientSampleId :

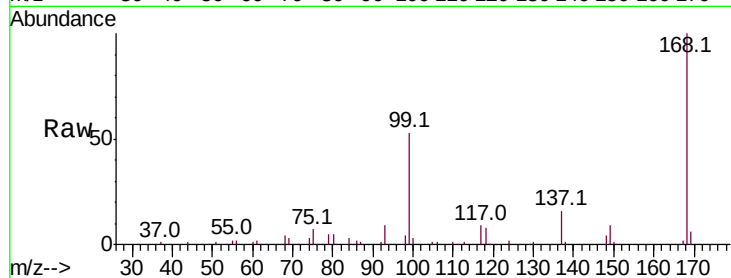
SA.MW130S-20181208

Tot Ion:168 Resp: 122289

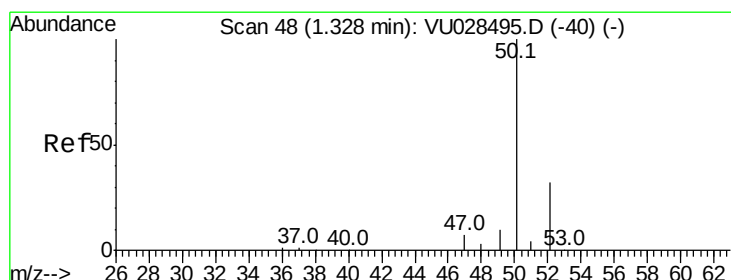
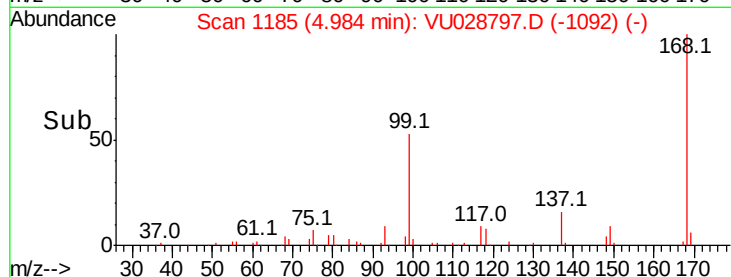
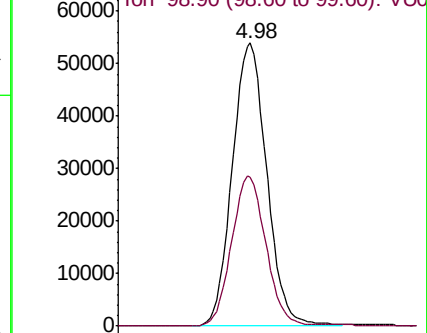
Ion Ratio Lower Upper

168 100

99 52.8 46.6 69.8



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



#3

Chloromethane

Concen: 0.383 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028797.D

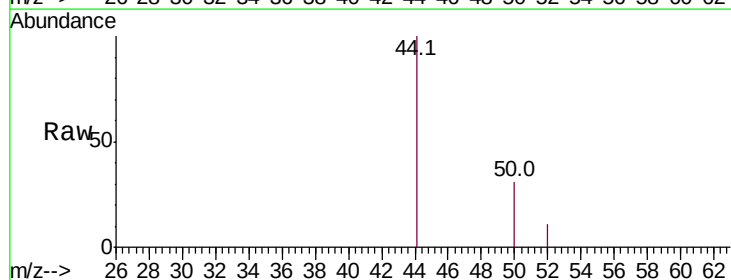
Acq: 19 Dec 2018 16:33

Tgt Ion: 50 Resp: 1153

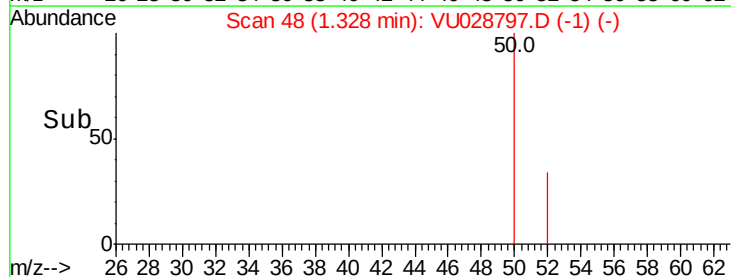
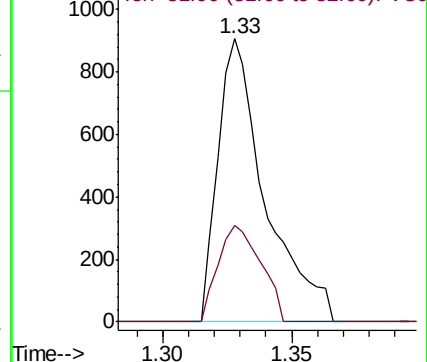
Ion Ratio Lower Upper

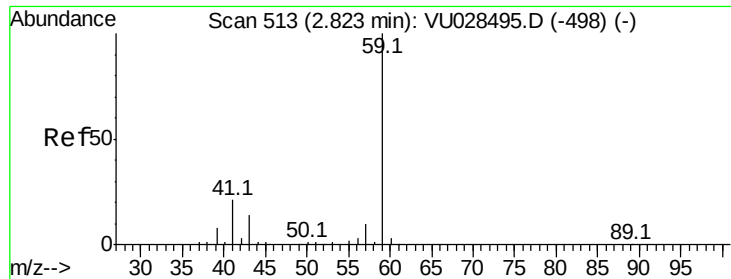
50 100

52 34.0 25.5 38.3



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

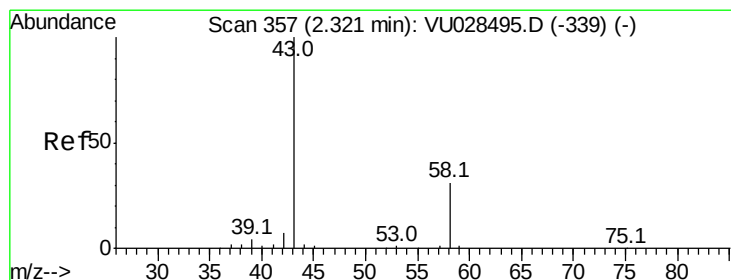
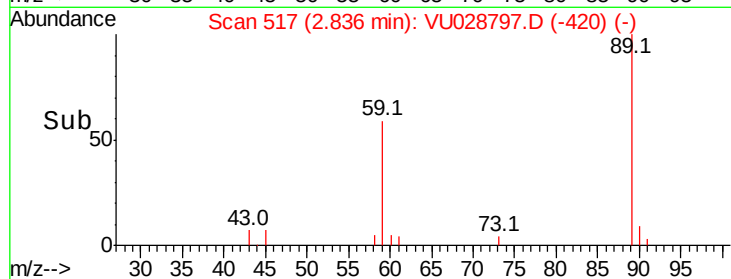
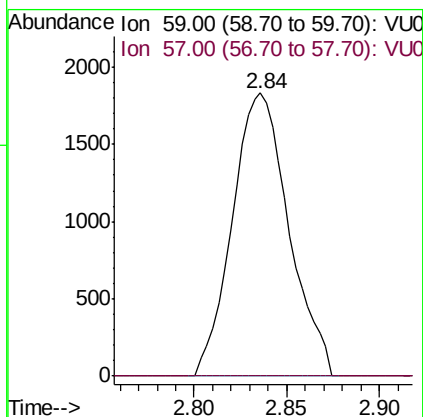
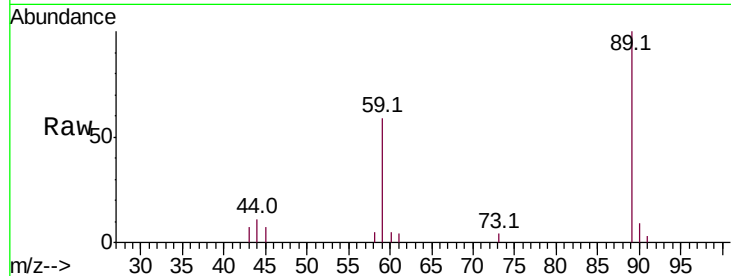




#11
Tert butyl alcohol
Concen: 9.346 ug/l
RT: 2.84 min Scan# 517
Delta R.T. 0.01 min
Lab File: VU028797.D
Acq: 19 Dec 2018 16:33

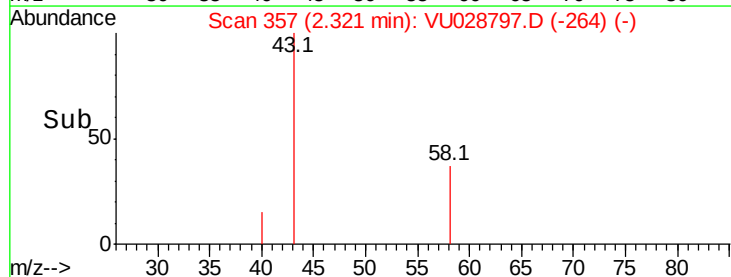
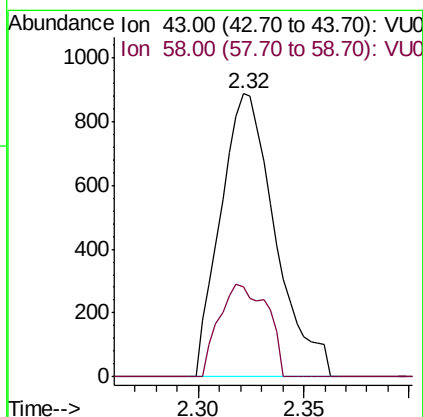
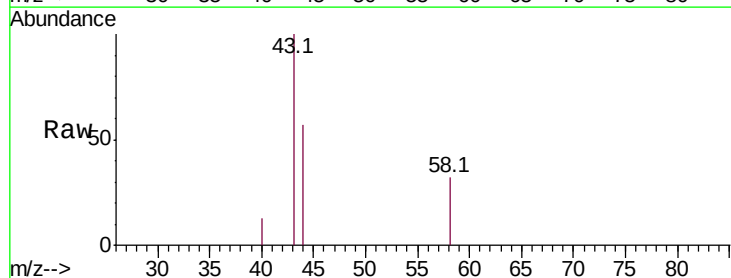
Instrument :
MSVOA_U
ClientSampleId :
SA.MW130S-20181208

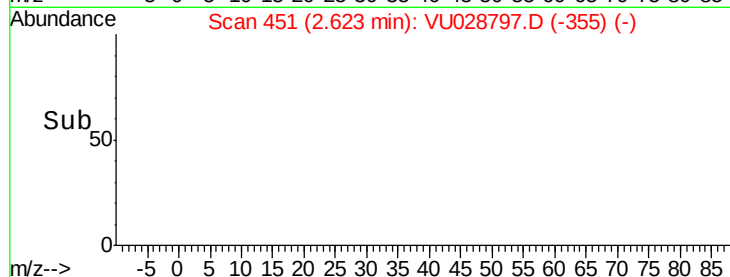
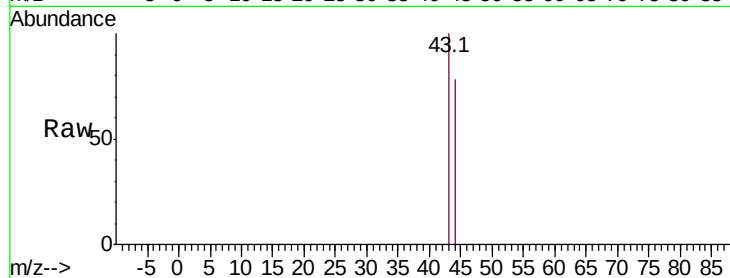
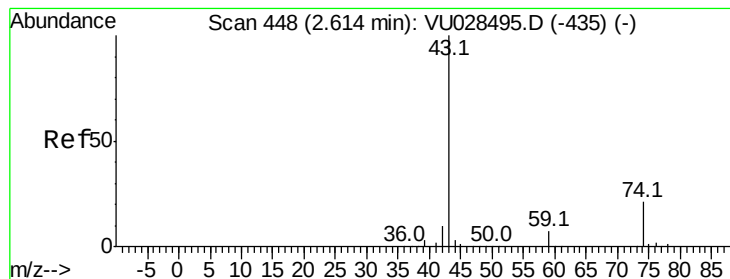
Tot Ion: 59 Resp: 3886
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#16
Acetone
Concen: 1.312 ug/l
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU028797.D
Acq: 19 Dec 2018 16:33

Tgt Ion: 43 Resp: 1598
Ion Ratio Lower Upper
43 100
58 31.7 24.6 37.0





#18

Methyl Acetate

Concen: 0.216 ug/l

RT: 2.62 min Scan# 451

Delta R.T. 0.01 min

Lab File: VU028797.D

Acq: 19 Dec 2018 16:33

Instrument :

MSVOA_U

ClientSampleId :

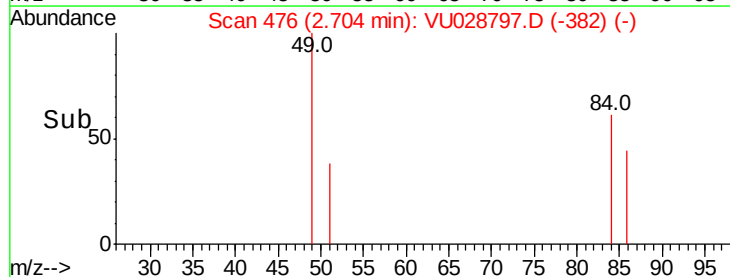
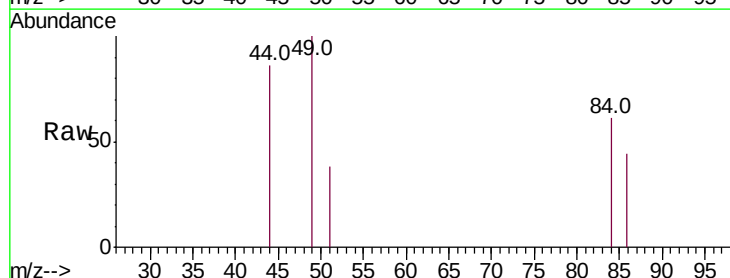
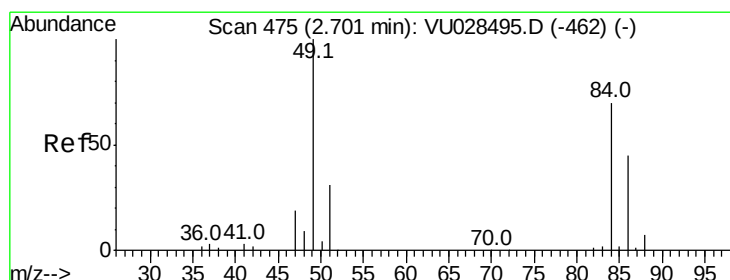
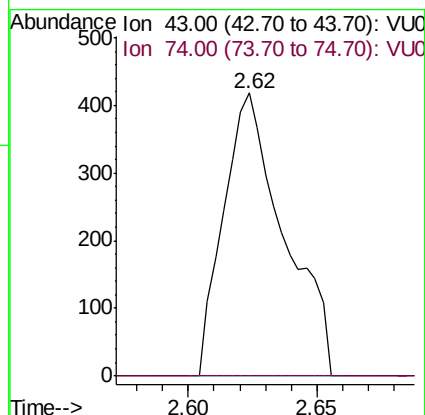
SA.MW130S-20181208

Tot Ion: 43 Resp: 682

Ion Ratio Lower Upper

43 100

74 0.0 16.4 24.6#



#20

Methylene Chloride

Concen: 0.211 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU028797.D

Acq: 19 Dec 2018 16:33

Tgt Ion: 84 Resp: 378

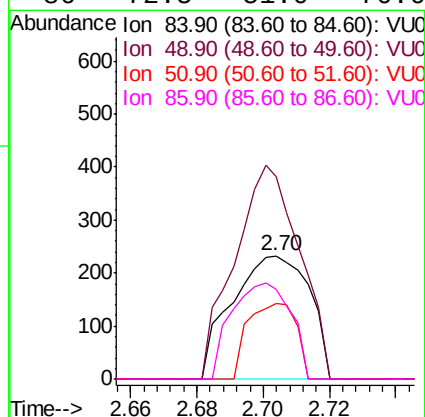
Ion Ratio Lower Upper

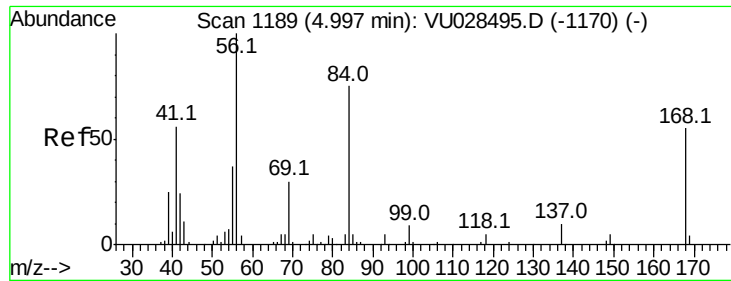
84 100

49 163.5 114.0 171.0

51 61.4 35.1 52.7#

86 72.5 51.0 76.6

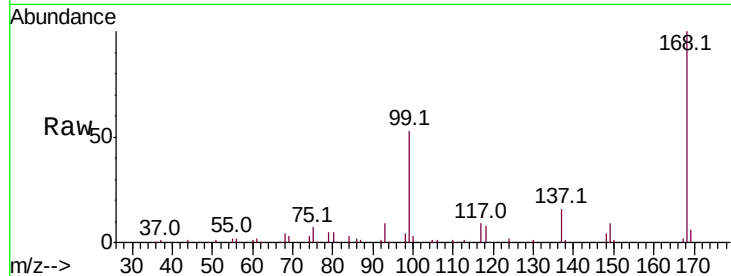




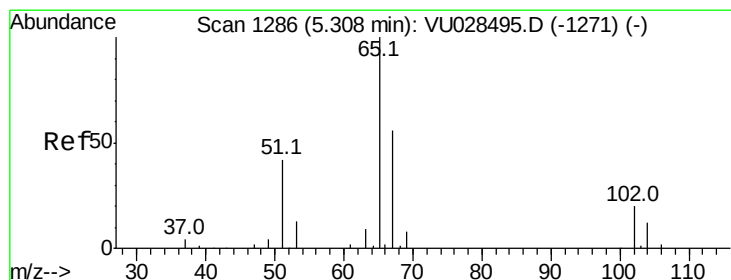
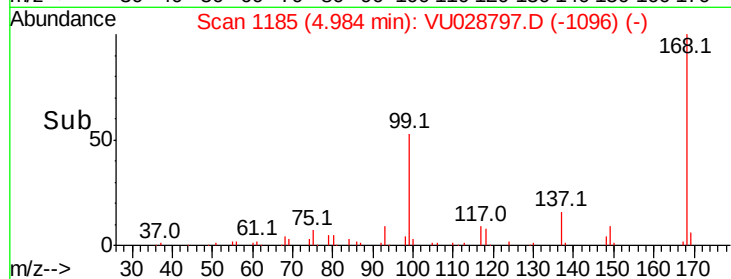
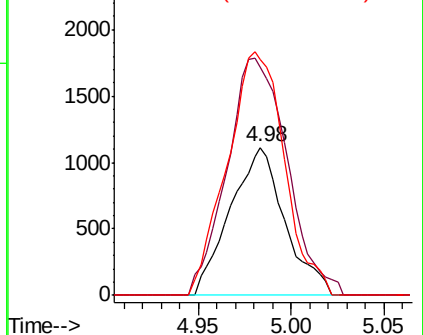
#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU028797.D
Acq: 19 Dec 2018 16:33

Instrument :
MSVOA_U
ClientSampleId :
SA.MW130S-20181208

Tot Ion: 56 Resp: 2280
Ion Ratio Lower Upper
56 100
69 154.3 24.0 36.0#
84 159.6 59.7 89.5#

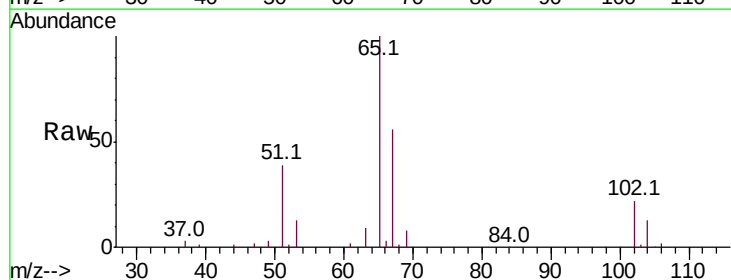


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

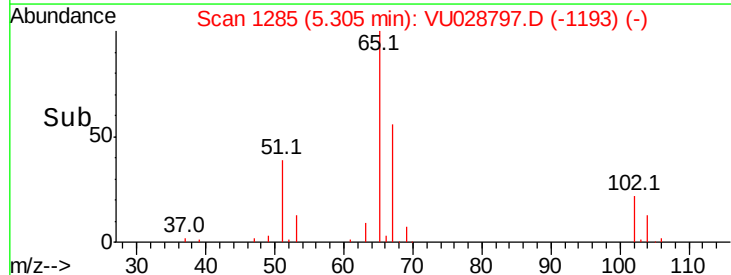
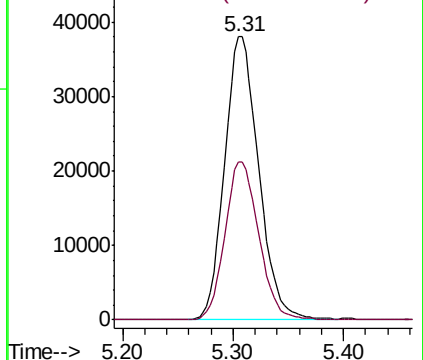


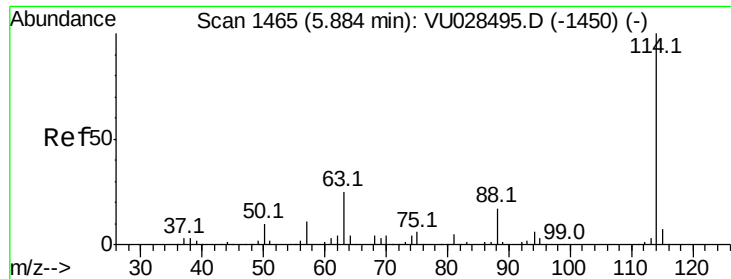
#33
1,2-Dichloroethane-d4
Concen: 43.722 ug/l
RT: 5.31 min Scan# 1285
Delta R.T. -0.00 min
Lab File: VU028797.D
Acq: 19 Dec 2018 16:33

Tgt Ion: 65 Resp: 81595
Ion Ratio Lower Upper
65 100
67 55.3 0.0 110.6



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

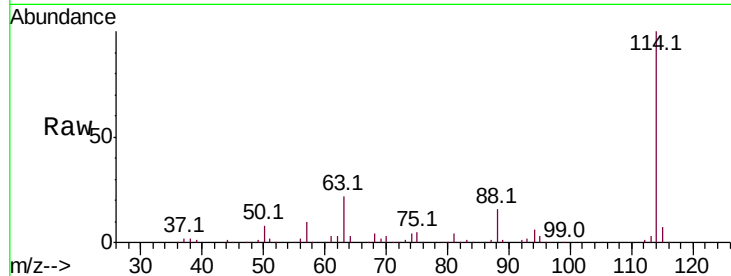




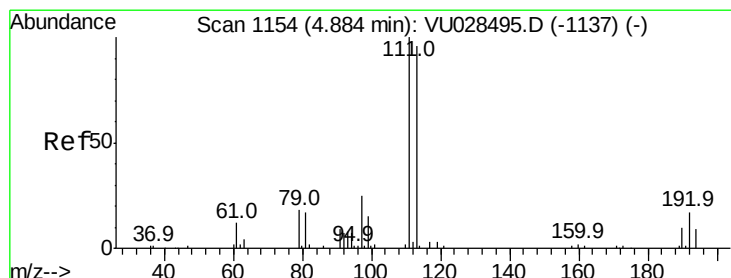
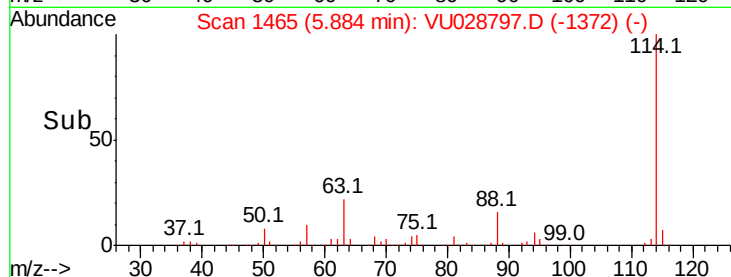
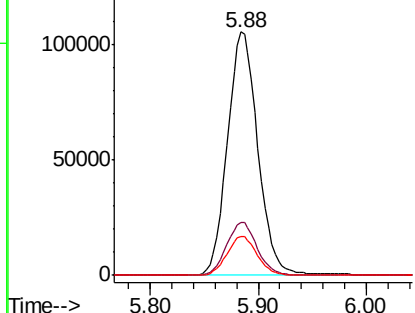
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028797.D
 Acq: 19 Dec 2018 16:33

Instrument :
 MSVOA_U
 ClientSampleId :
 SA.MW130S-20181208

Tot Ion:	114	Resp:	207456
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	49.2
88	16.1	0.0	33.4

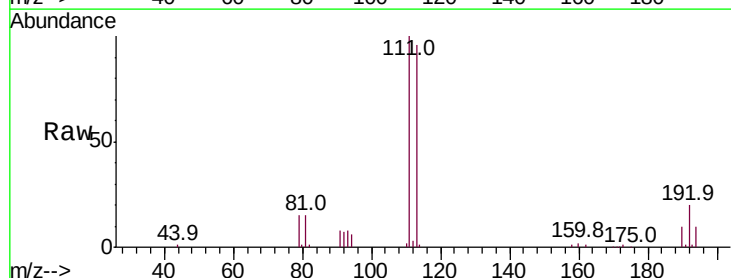


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

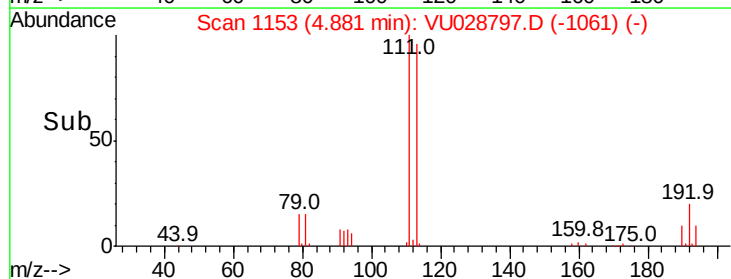
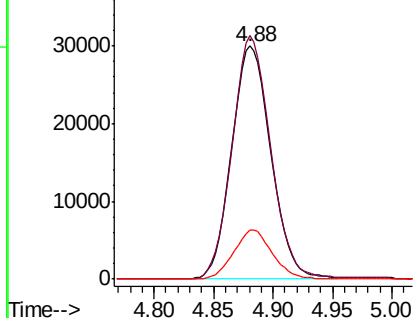


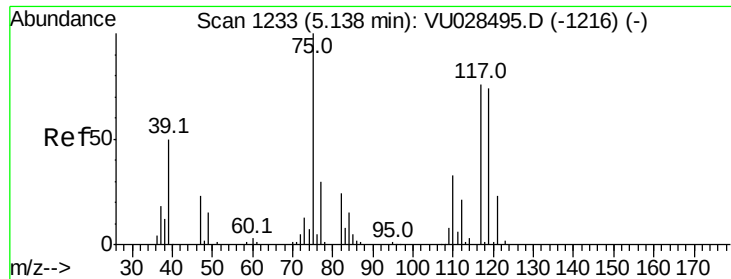
#35
 Dibromofluoromethane
 Concen: 52.692 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028797.D
 Acq: 19 Dec 2018 16:33

Tgt Ion:	113	Resp:	68791
Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.4	125.0
192	20.6	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

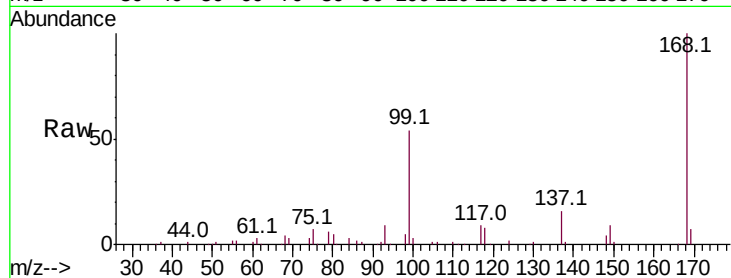




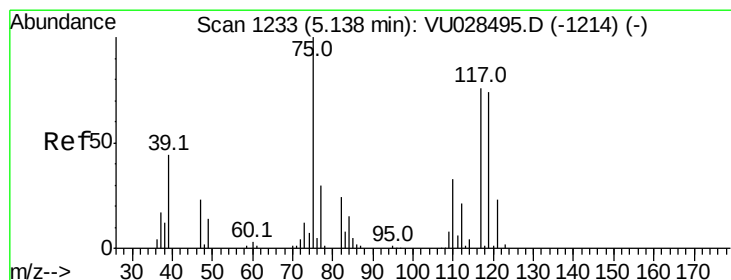
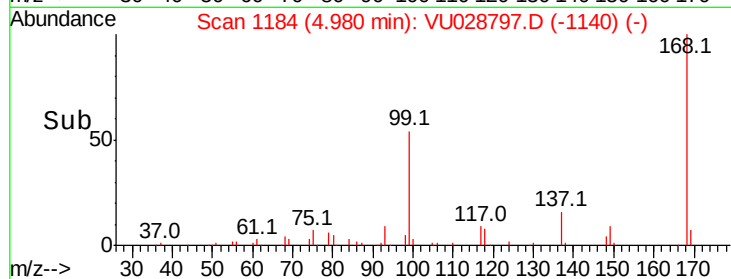
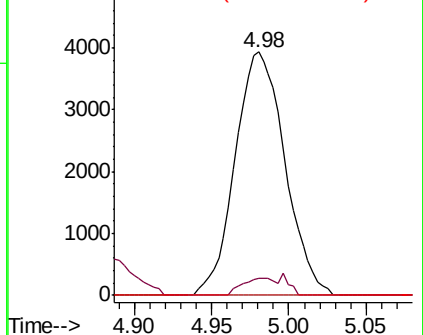
#36
 1,1-Dichloropropene
 Concen: 3.870 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028797.D
 Acq: 19 Dec 2018 16:33

Instrument :
 MSVOA_U
 ClientSampleId :
 SA.MW130S-20181208

Tot Ion	Ratio	Lower	Upper
75	100		
110	4.8	16.1	48.2#
77	0.0	24.5	36.7#

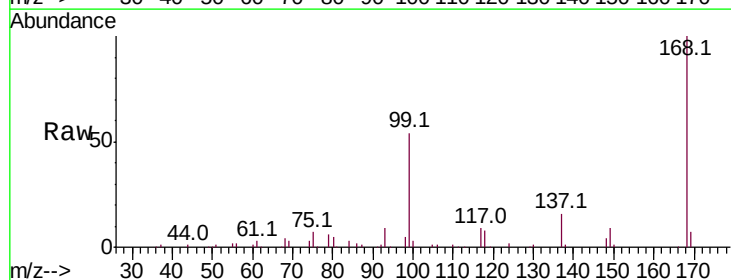


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

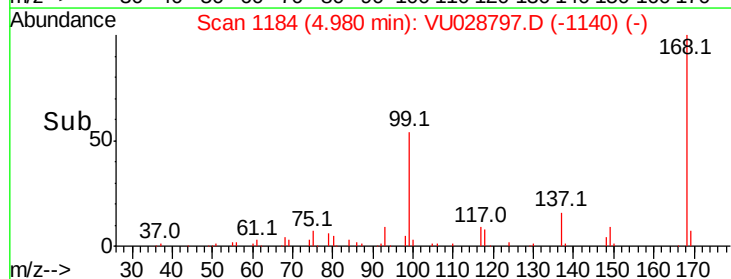
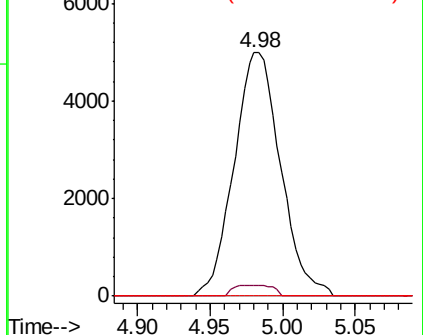


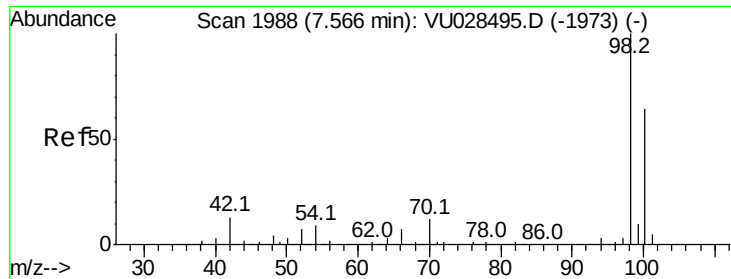
#38
 Carbon Tetrachloride
 Concen: 6.082 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028797.D
 Acq: 19 Dec 2018 16:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	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: 50.295 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028797.D

Acq: 19 Dec 2018 16:33

Instrument :

MSVOA_U

ClientSampleId :

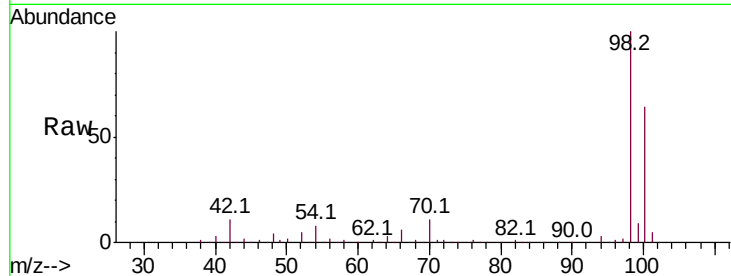
SA.MW130S-20181208

Tot Ion: 98 Resp: 259749

Ion Ratio Lower Upper

98 100

100 64.0 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028495.D (-1973) (-)

7.56

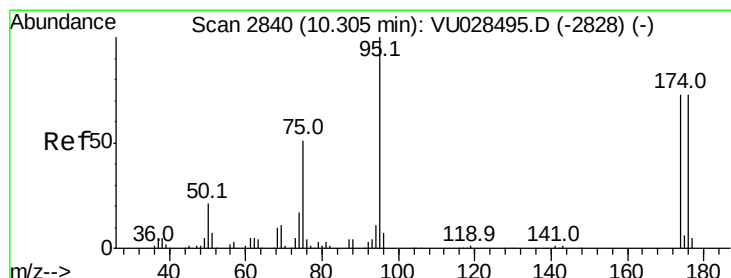
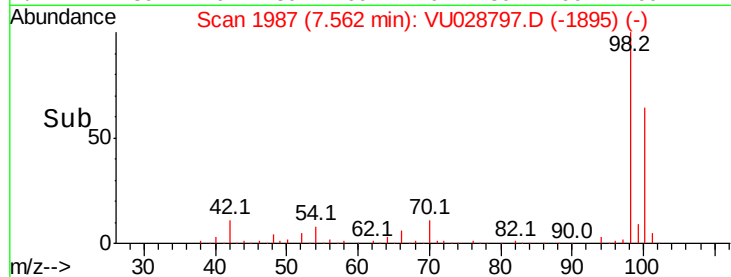
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.452 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028797.D

Acq: 19 Dec 2018 16:33

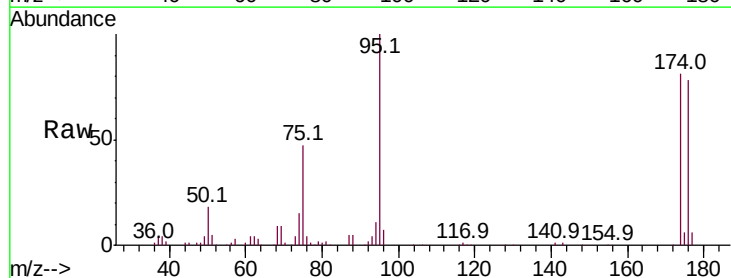
Tgt Ion: 95 Resp: 83874

Ion Ratio Lower Upper

95 100

174 81.8 0.0 150.4

176 79.5 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) (-)

10.30

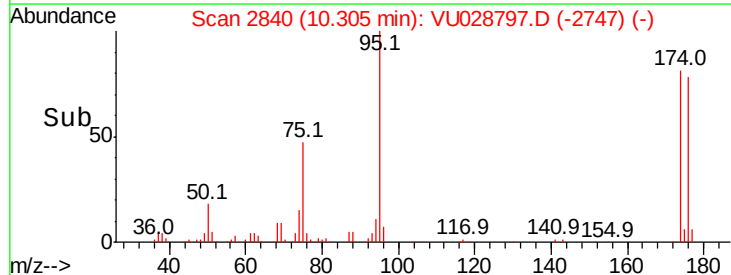
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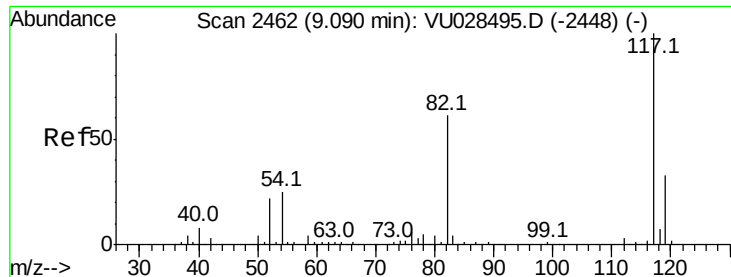
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20000

0

Time-->

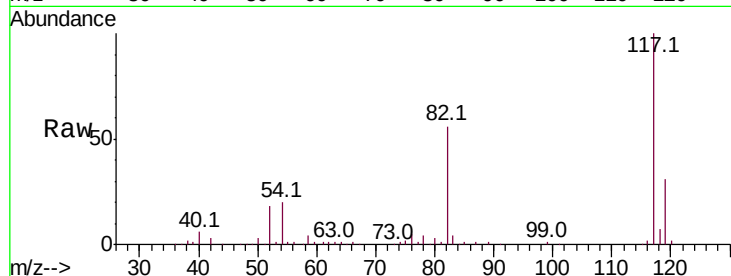




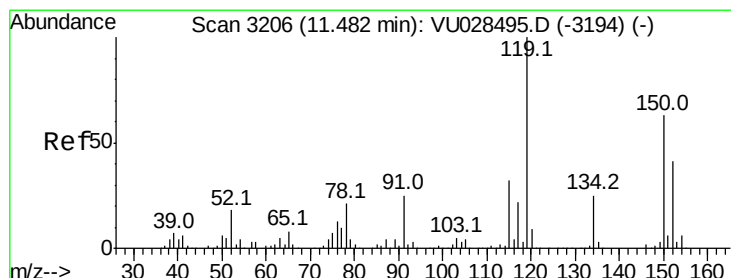
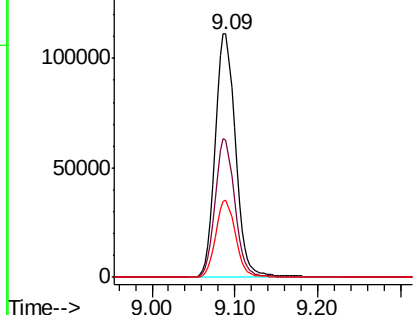
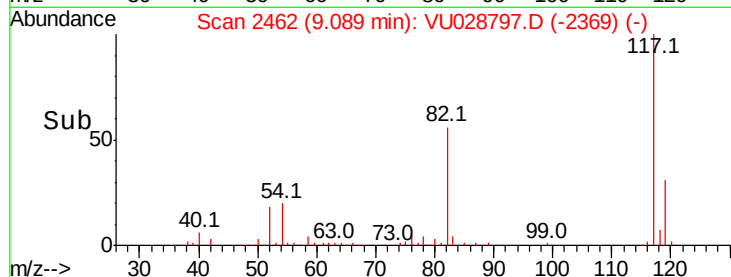
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028797.D
Acq: 19 Dec 2018 16:33

Instrument :
MSVOA_U
ClientSampleId :
SA.MW130S-20181208

Tot Ion:117 Resp: 189804
Ion Ratio Lower Upper
117 100
82 56.4 48.9 73.3
119 31.5 26.2 39.4

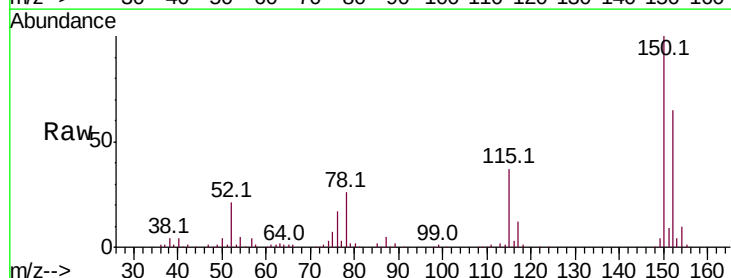


Abundance Ion 116.90 (116.60 to 117.60): V
150000 Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

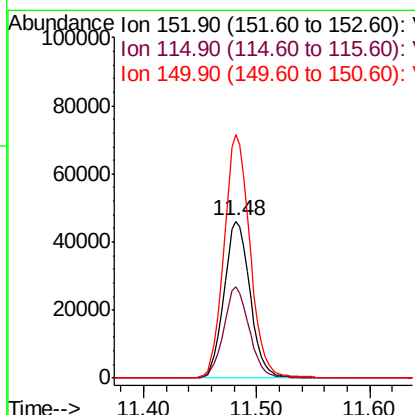
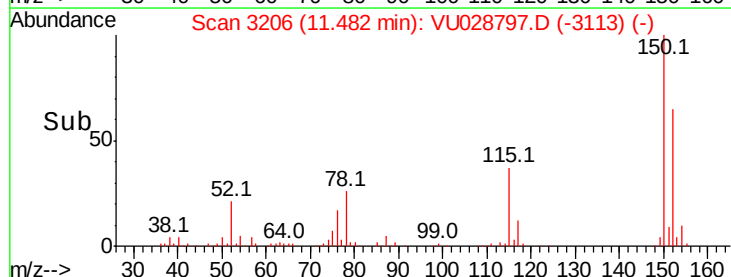


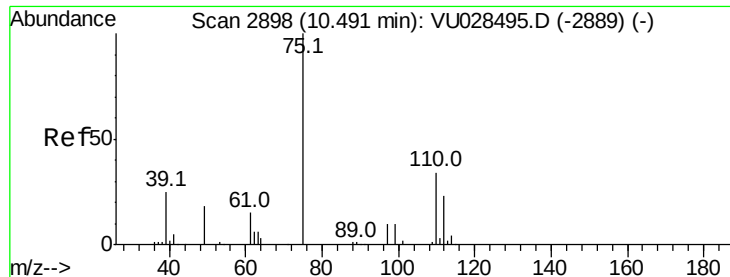
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028797.D
Acq: 19 Dec 2018 16:33

Tgt Ion:152 Resp: 74000
Ion Ratio Lower Upper
152 100
115 57.2 42.7 128.1
150 154.5 0.0 346.0



Abundance Ion 151.90 (151.60 to 152.60): V
100000 Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 21.198 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU028797.D

Acq: 19 Dec 2018 16:33

Instrument :

MSVOA_U

ClientSampleId :

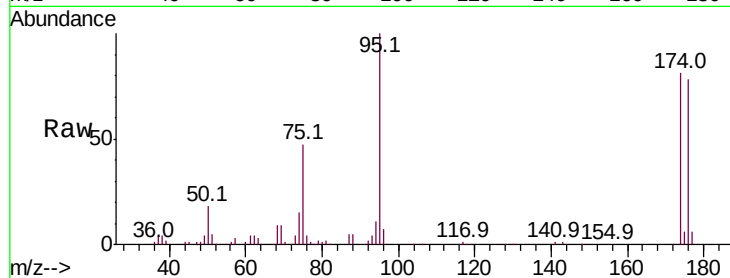
SA.MW130S-20181208

Tot Ion: 75 Resp: 40056

Ion Ratio Lower Upper

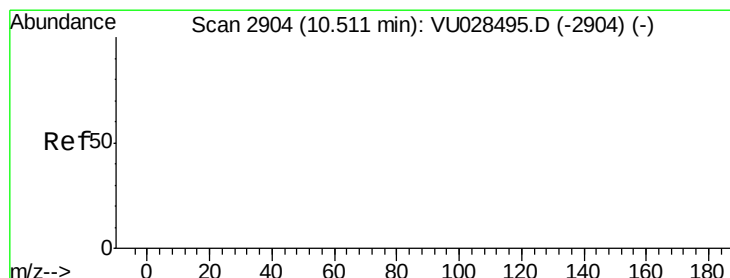
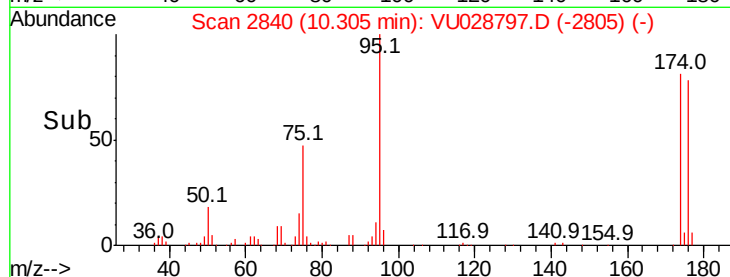
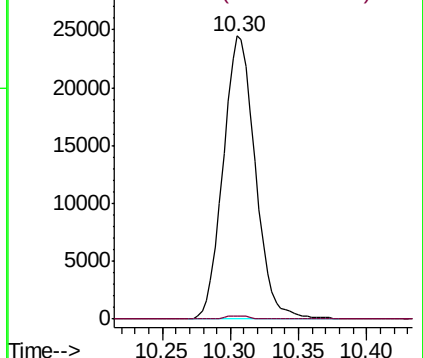
75 100

77 0.8 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: 52.097 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU028797.D

Acq: 19 Dec 2018 16:33

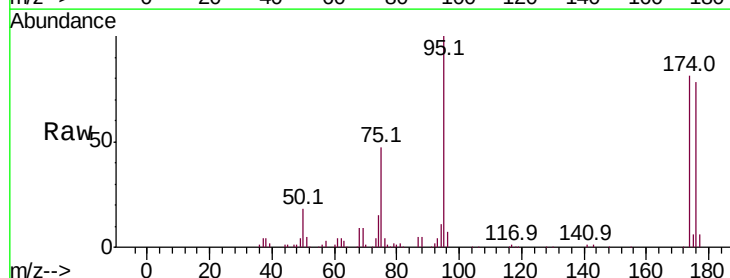
Tgt Ion: 75 Resp: 40056

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

