

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092618\
 Data File : VU027199.D
 Acq On : 27 Sep 2018 00:24
 Operator : MD/SY
 Sample : J5048-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-56-SEP18

Quant Time: Sep 27 02:47:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	90677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	154403	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	148142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	68117	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	94618	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.68%		
35) Dibromofluoromethane	4.88	113	65607	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.04%		
50) Toluene-d8	7.57	98	249249	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.74%		
62) 4-Bromofluorobenzene	10.31	95	79565	45.46	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.92%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	2534	1.330	ug/l	97
6) Chloroethane	1.65	64	4042	3.320	ug/l #	79
9) 1,1,2-Trichlorotrifluoroet	2.29	101	59680	44.852	ug/l	99
11) Tert butyl alcohol	2.83	59	912	2.180	ug/l #	72
12) 1,1-Dichloroethene	2.29	96	79960	63.846	ug/l	98
14) Allyl chloride	2.44	41	4944	1.946	ug/l #	70
16) Acetone	2.32	43	78756	69.244	ug/l	99
17) Carbon Disulfide	2.48	76	2268	0.556	ug/l #	75
18) Methyl Acetate	2.45	43	11937	4.595	ug/l #	55
20) Methylene Chloride	2.70	84	1064	0.651	ug/l	86
21) trans-1,2-Dichloroethene	2.98	96	1554	1.162	ug/l	98
24) 1,1-Dichloroethane	3.45	63	208741	69.758	ug/l	100
25) 2-Butanone	4.29	43	797	0.520	ug/l #	53
27) cis-1,2-Dichloroethene	4.23	96	857679	567.979	ug/l	92
30) Chloroform	4.67	83	1312	0.472	ug/l #	78
31) Cyclohexane	4.98	56	2528	0.358	ug/l #	1
32) 1,1,1-Trichloroethane	4.92	97	2867	1.293	ug/l #	41
36) 1,1-Dichloropropene	4.99	75	8811	4.276	ug/l #	49
37) Ethyl Acetate	4.29	43	797	0.286	ug/l #	70
38) Carbon Tetrachloride	4.98	117	9769	4.982	ug/l #	17
39) Methylcyclohexane	6.19	83	4165	1.860	ug/l #	1
44) Trichloroethene	6.19	130	324964	243.667	ug/l	99
45) 1,2-Dichloropropane	6.19	63	1261	0.706	ug/l #	1
49) 1,4-Dioxane	6.62	88	1126	23.919	ug/l #	78
51) 4-Methyl-2-Pentanone	7.47	43	3796	1.387	ug/l	89
52) Toluene	7.64	92	823	0.229	ug/l	88
60) Dibromochloromethane	8.23	129	79695	53.399	ug/l #	11
64) Tetrachloroethene	8.23	164	81214	71.144	ug/l	99
68) m/p-Xylenes	9.38	106	147	1.556	ug/l #	2
76) 1,2,3-Trichloropropane	10.31	75	42735	20.651	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	42735	66.087	ug/l #	100
89) n-Butylbenzene	11.90	91	43	2.401	ug/l #	33
91) 1,2-Dichlorobenzene	11.88	146	998	0.399	ug/l	82

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Response via : Initial Calibration

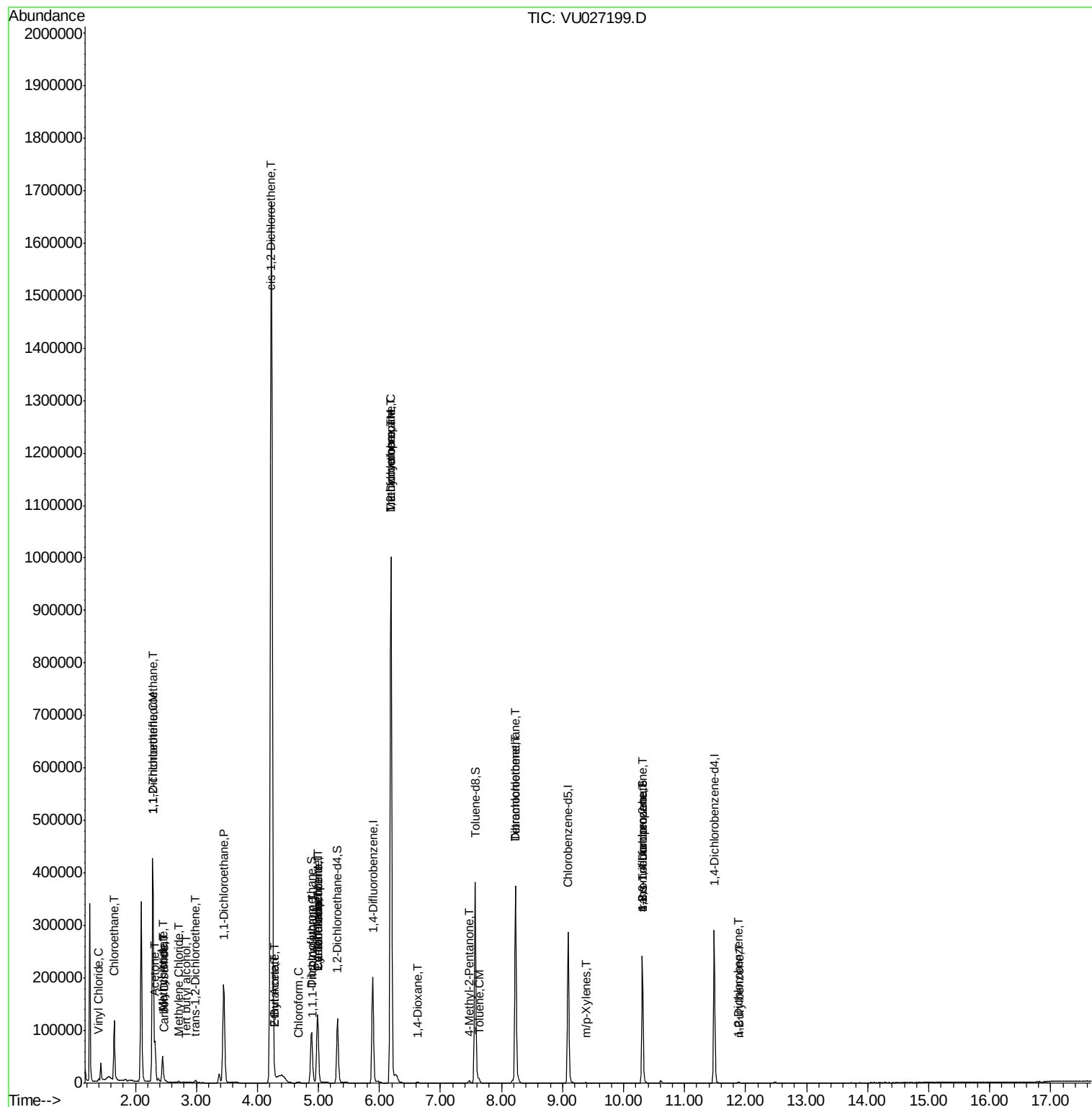
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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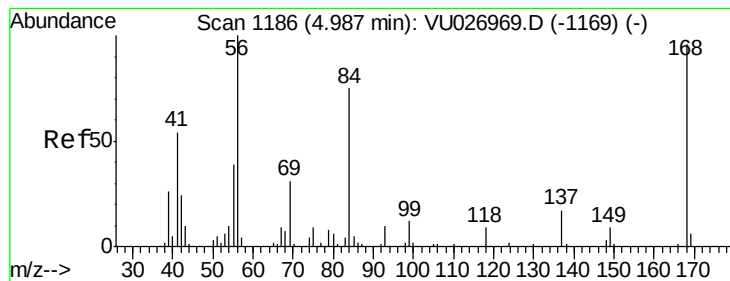
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027199.D

Acq: 27 Sep 2018 00:24

Instrument :

MSVOA_U

ClientSampleId :

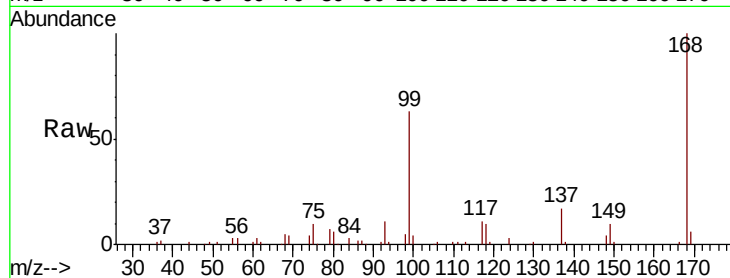
MW-56-SEP18

Tgt Ion:168 Resp: 90677

Ion Ratio Lower Upper

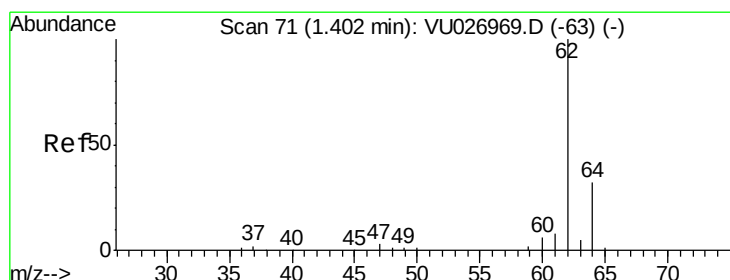
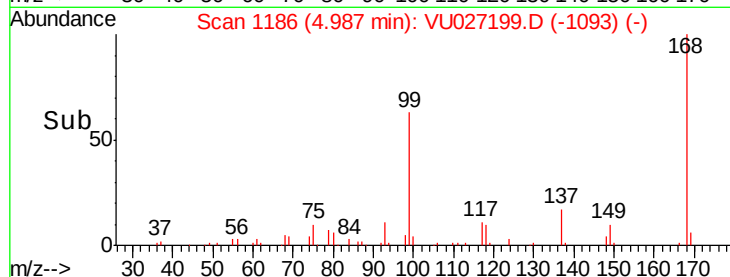
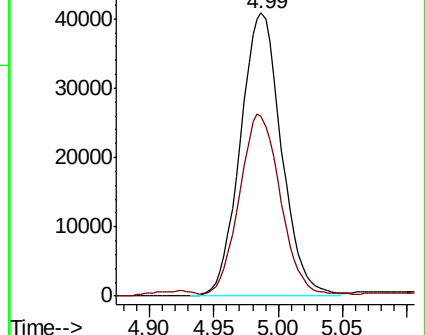
168 100

99 62.6 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)



#4

Vinyl Chloride

Concen: 1.330 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027199.D

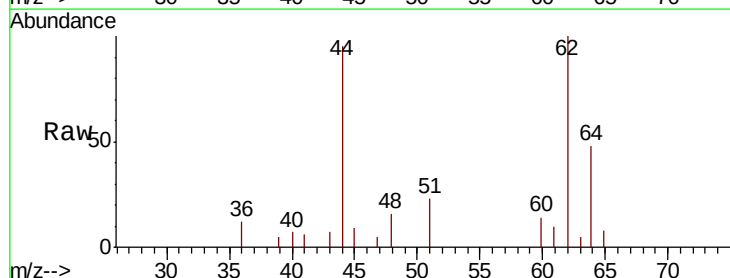
Acq: 27 Sep 2018 00:24

Tgt Ion: 62 Resp: 2534

Ion Ratio Lower Upper

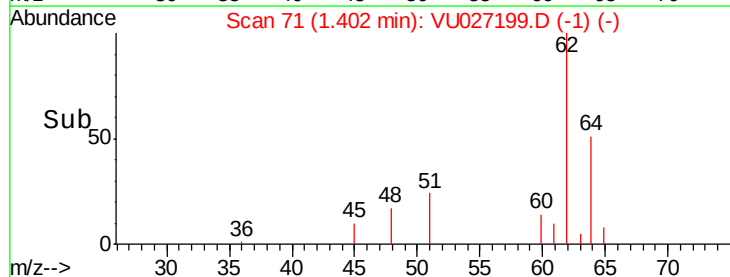
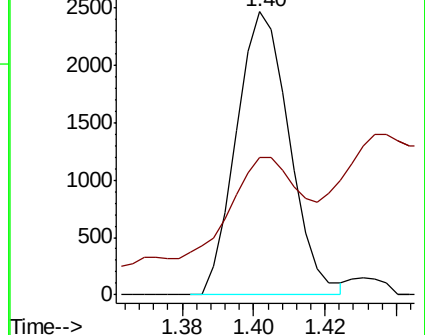
62 100

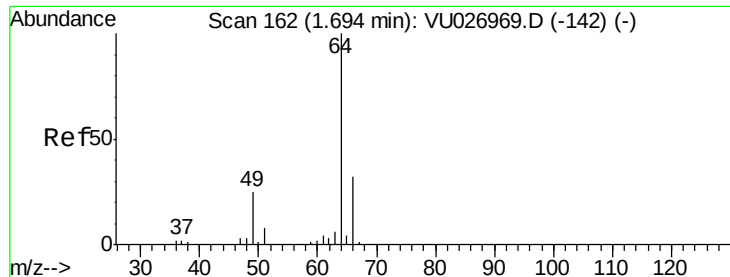
64 33.4 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU026969.D (-63) (-)

Ion 63.90 (63.60 to 64.60): VU026969.D (-63) (-)





#6

Chloroethane

Concen: 3.320 ug/l

RT: 1.65 min Scan# 149

Delta R.T. -0.04 min

Lab File: VU027199.D

Acq: 27 Sep 2018 00:24

Instrument :

MSVOA_U

ClientSampleId :

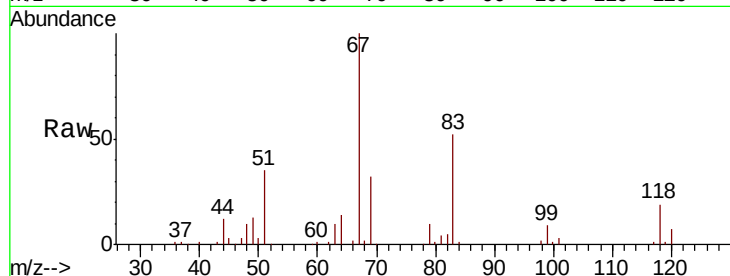
MW-56-SEP18

Tgt Ion: 64 Resp: 4042

Ion Ratio Lower Upper

64 100

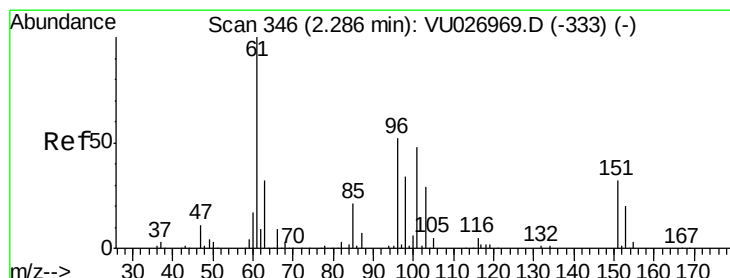
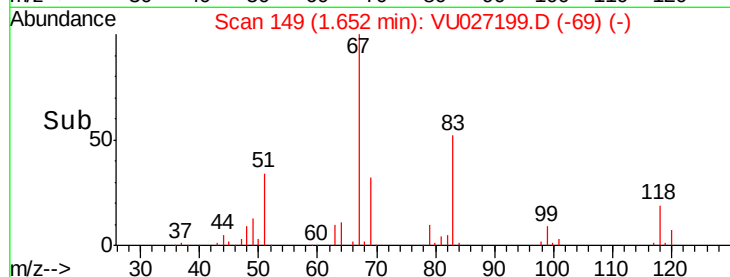
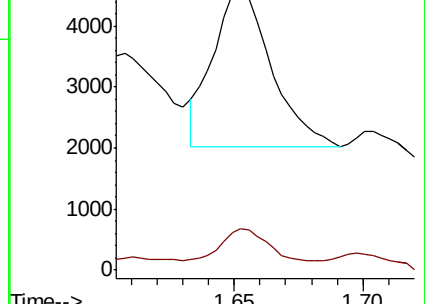
66 19.7 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VU026969.D (-142) (-)

Ion 65.90 (65.60 to 66.60): VU026969.D (-142) (-)

1.65



#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.852 ug/l

RT: 2.29 min Scan# 347

Delta R.T. 0.00 min

Lab File: VU027199.D

Acq: 27 Sep 2018 00:24

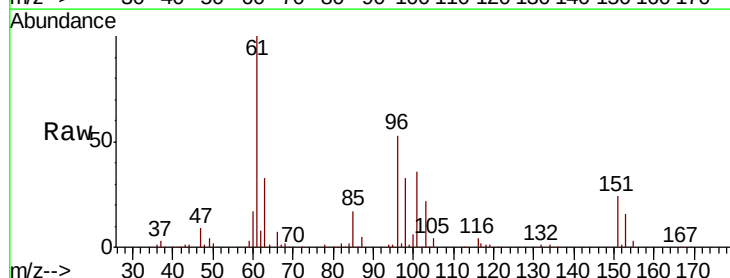
Tgt Ion: 101 Resp: 59680

Ion Ratio Lower Upper

101 100

85 46.4 36.2 54.2

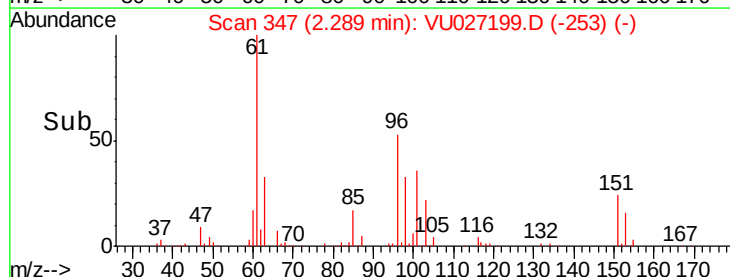
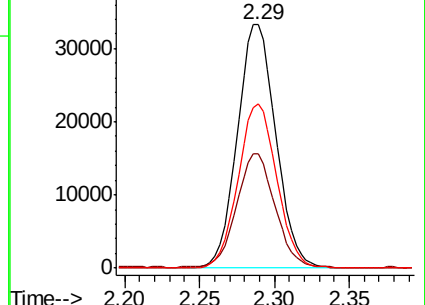
151 67.8 54.5 81.7

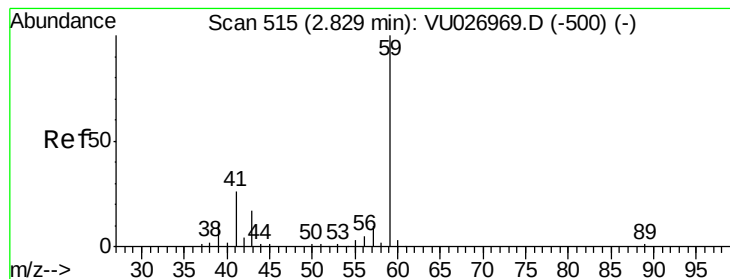


Abundance Ion 100.90 (100.60 to 101.60): VU026969.D (-333) (-)

Ion 84.90 (84.60 to 85.60): VU026969.D (-333) (-)

Ion 150.80 (150.50 to 151.50): VU026969.D (-333) (-)



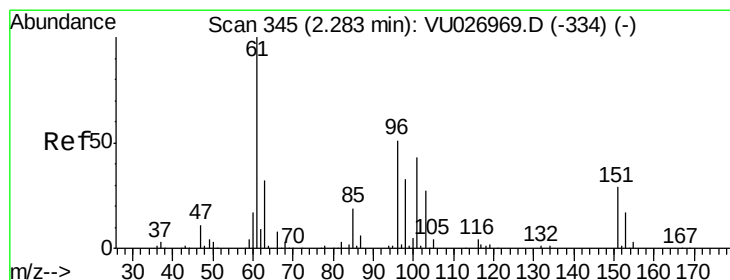
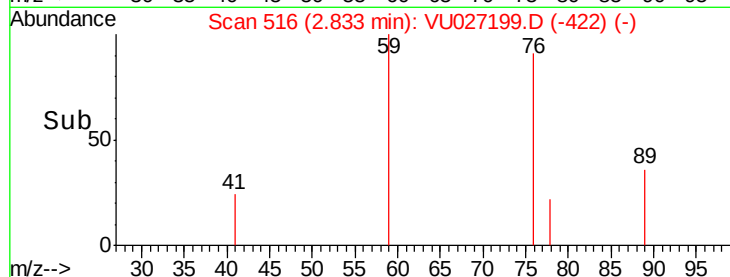
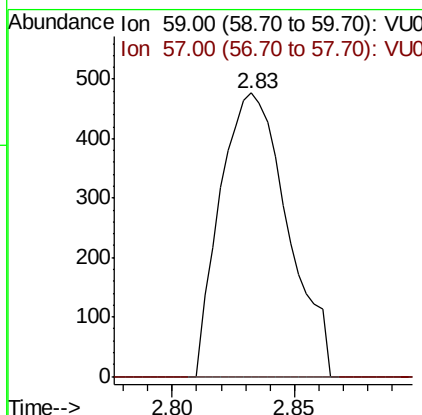
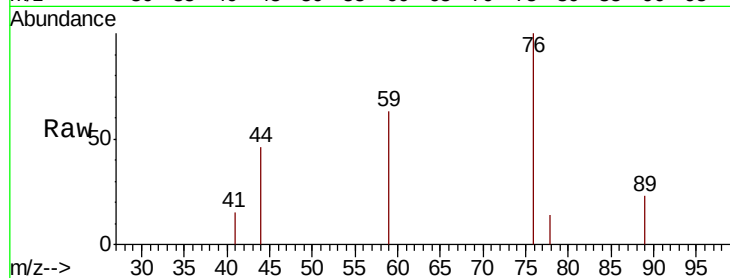


#11

Tert butyl alcohol
 Concen: 2.180 ug/l
 RT: 2.83 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: VU027199.D
 Acq: 27 Sep 2018 00:24

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-56-SEP18

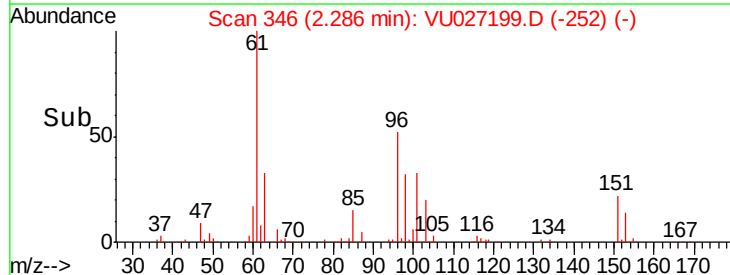
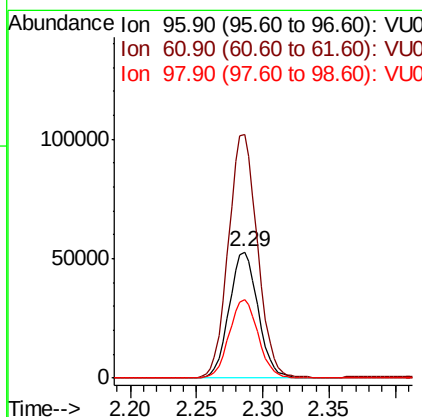
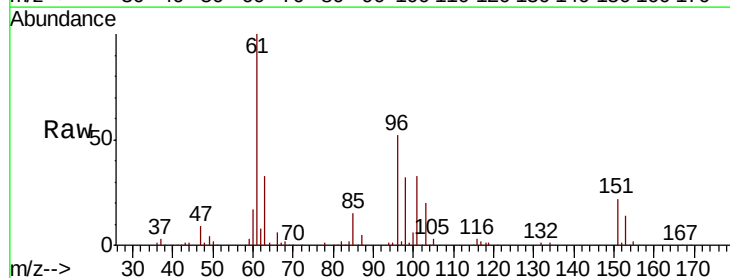
Tgt Ion: 59 Resp: 912
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

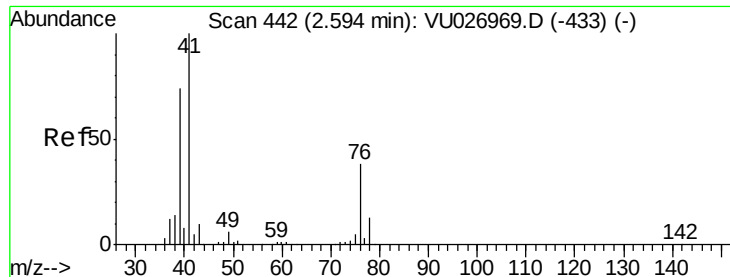


#12

1,1-Dichloroethene
 Concen: 63.846 ug/l
 RT: 2.29 min Scan# 346
 Delta R.T. 0.00 min
 Lab File: VU027199.D
 Acq: 27 Sep 2018 00:24

Tgt Ion: 96 Resp: 79960
 Ion Ratio Lower Upper
 96 100
 61 192.5 156.1 234.1
 98 62.2 51.4 77.0

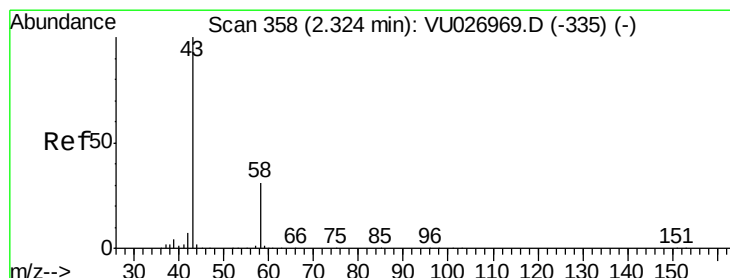
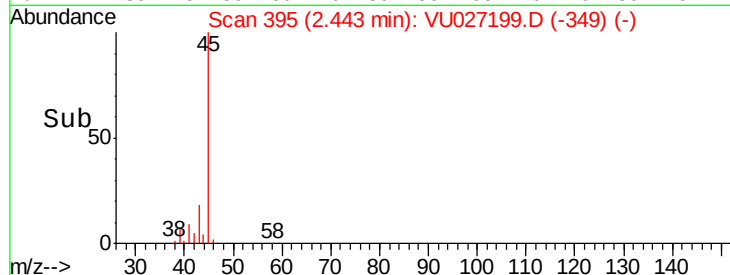
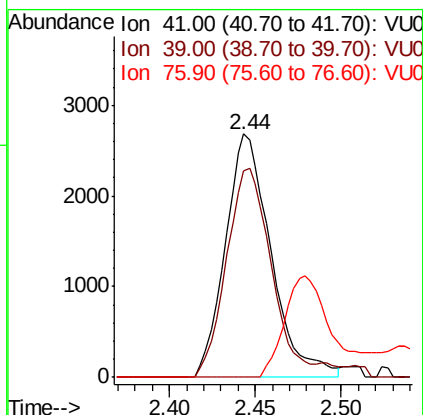
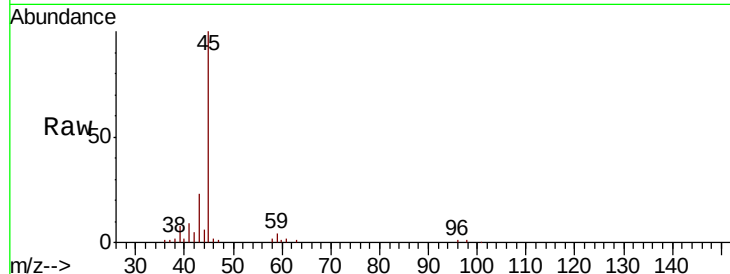




#14
 Allyl chloride
 Concen: 1.946 ug/l
 RT: 2.44 min Scan# 395
 Delta R.T. -0.15 min
 Lab File: VU027199.D
 Acq: 27 Sep 2018 00:24

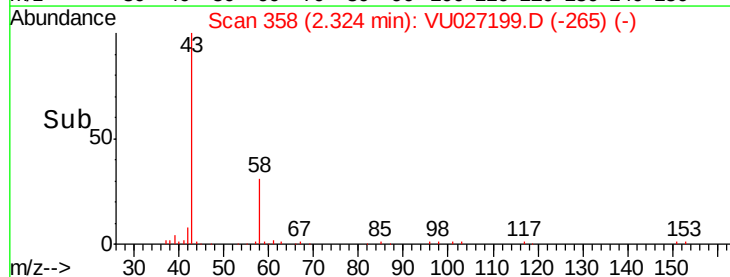
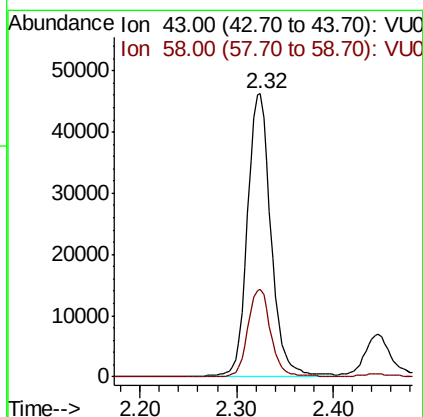
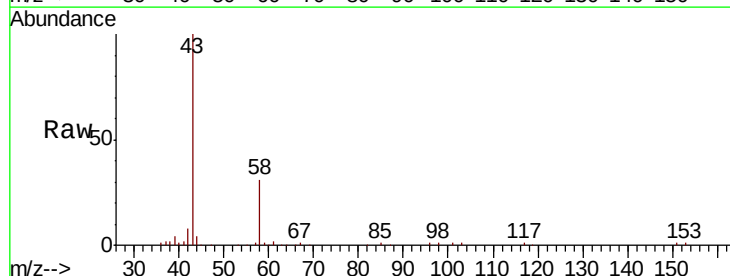
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-56-SEP18

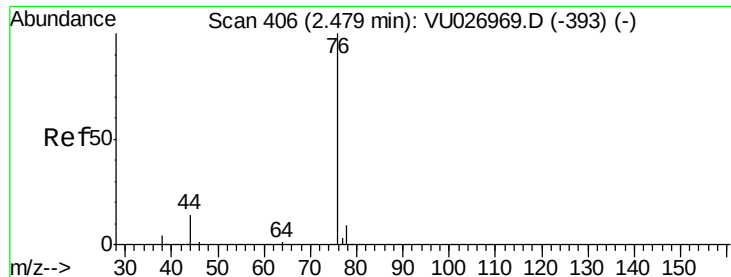
Tgt Ion	Ratio	Lower	Upper
41	100		
39	83.6	55.7	83.5#
76	0.0	26.5	39.7#



#16
 Acetone
 Concen: 69.244 ug/l
 RT: 2.32 min Scan# 358
 Delta R.T. 0.00 min
 Lab File: VU027199.D
 Acq: 27 Sep 2018 00:24

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.6	36.8





#17

Carbon Disulfide

Concen: 0.556 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027199.D

Acq: 27 Sep 2018 00:24

Instrument :

MSVOA_U

ClientSampleId :

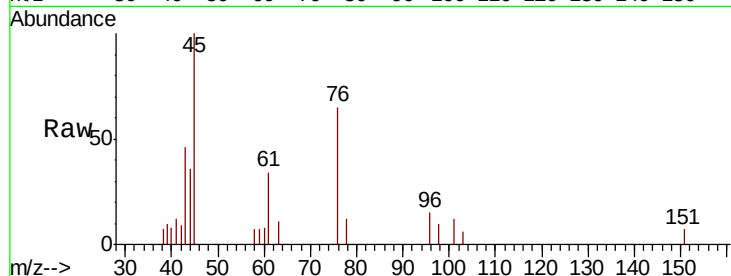
MW-56-SEP18

Tgt Ion: 76 Resp: 2268

Ion Ratio Lower Upper

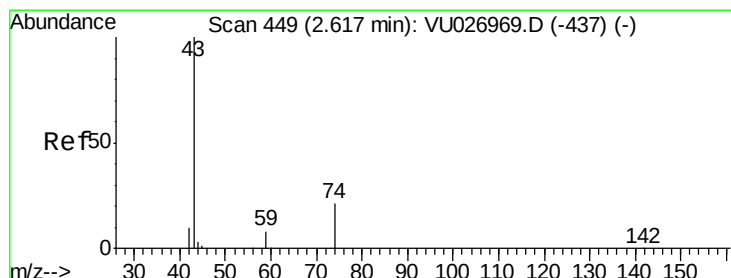
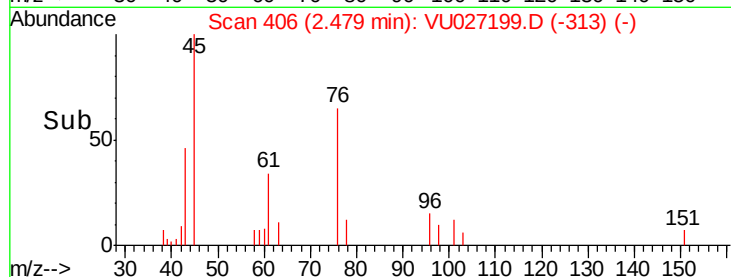
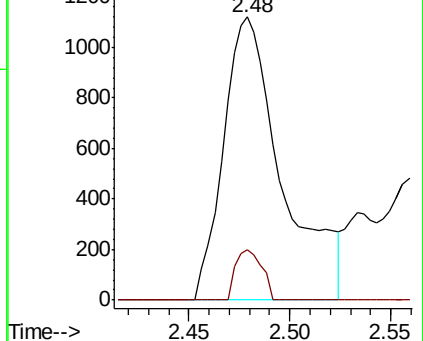
76 100

78 17.9 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VU026969.D (-393) (-)

Ion 77.90 (77.60 to 78.60): VU026969.D (-393) (-)



#18

Methyl Acetate

Concen: 4.595 ug/l

RT: 2.45 min Scan# 396

Delta R.T. -0.17 min

Lab File: VU027199.D

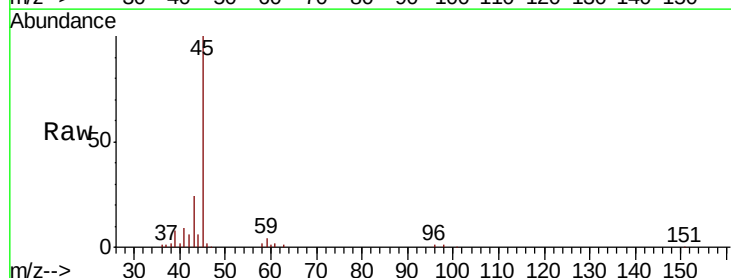
Acq: 27 Sep 2018 00:24

Tgt Ion: 43 Resp: 11937

Ion Ratio Lower Upper

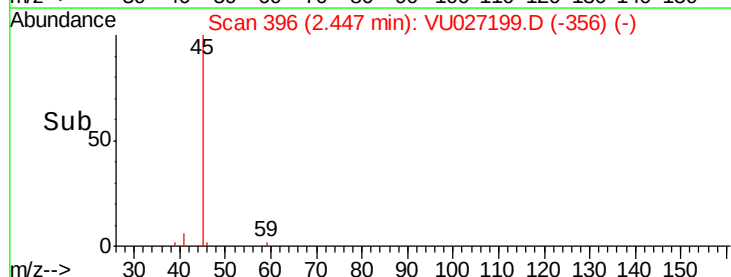
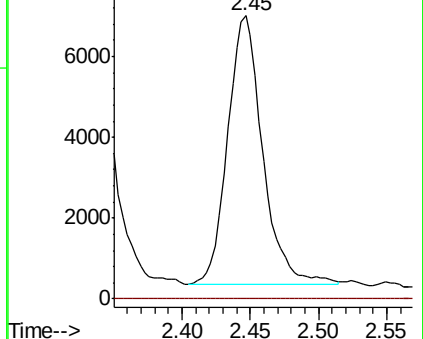
43 100

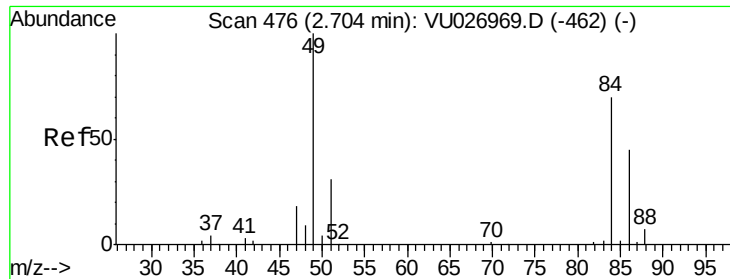
74 0.0 16.6 25.0#



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-437) (-)

Ion 74.00 (73.70 to 74.70): VU026969.D (-437) (-)

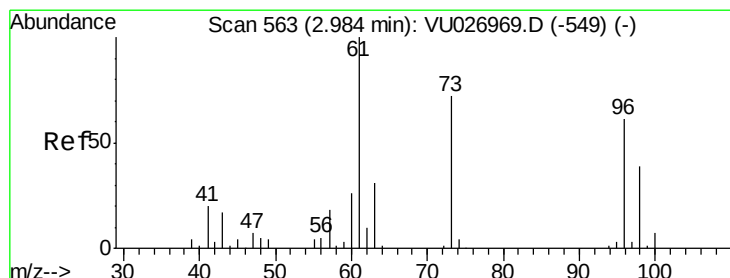
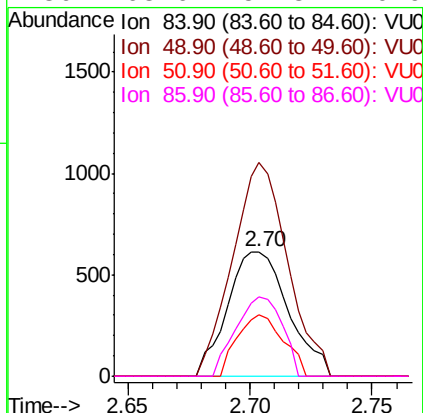
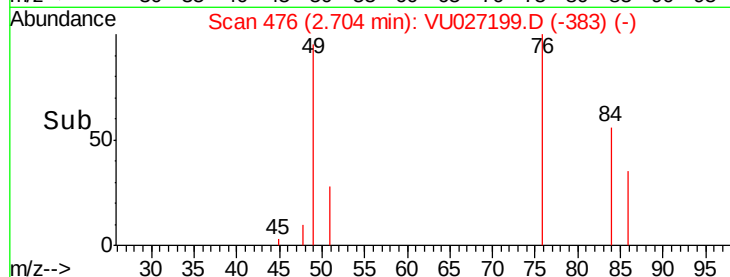
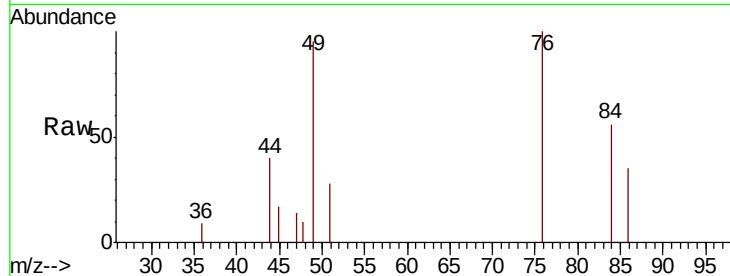




#20
Methylene Chloride
Concen: 0.651 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027199.D
Acq: 27 Sep 2018 00:24

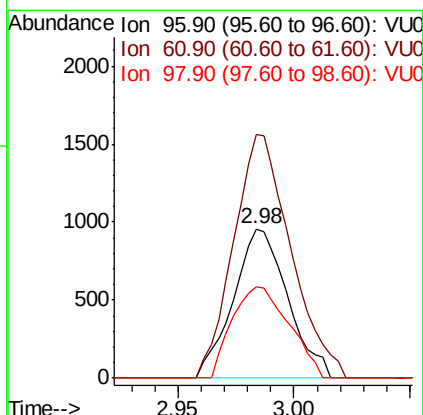
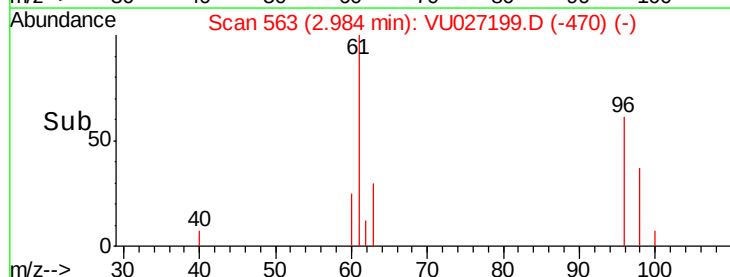
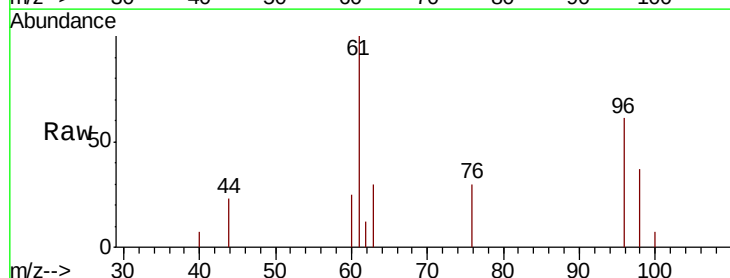
Instrument :
MSVOA_U
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MW-56-SEP18

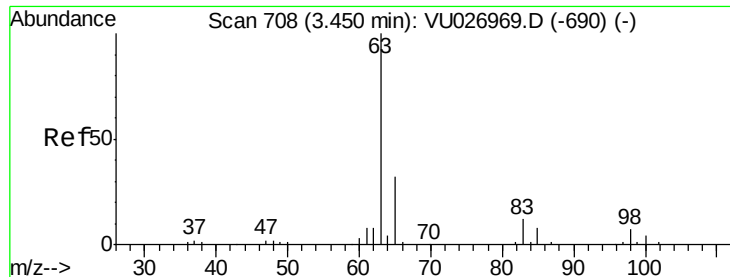
Tgt Ion: 84 Resp: 1064
Ion Ratio Lower Upper
84 100
49 171.4 114.9 172.3
51 49.6 35.8 53.8
86 63.6 51.3 76.9



#21
trans-1,2-Dichloroethene
Concen: 1.162 ug/l
RT: 2.98 min Scan# 563
Delta R.T. 0.00 min
Lab File: VU027199.D
Acq: 27 Sep 2018 00:24

Tgt Ion: 96 Resp: 1554
Ion Ratio Lower Upper
96 100
61 163.5 131.8 197.6
98 61.3 50.9 76.3

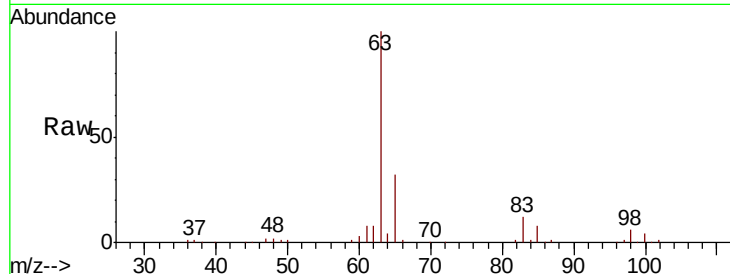




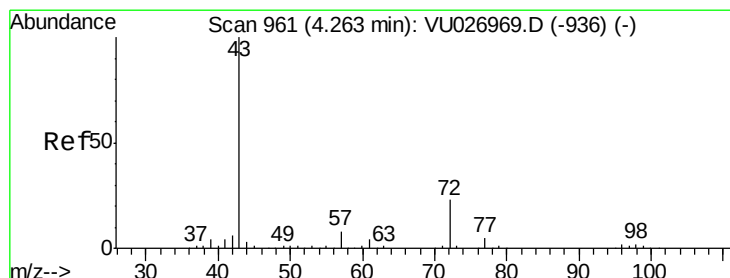
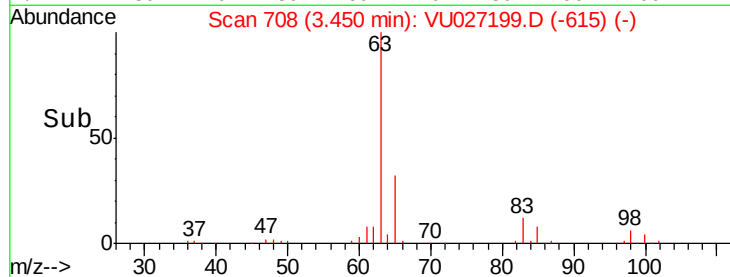
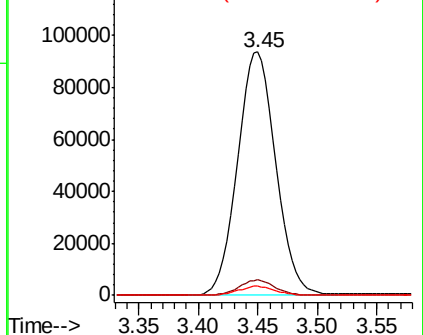
#24
 1,1-Dichloroethane
 Concen: 69.758 ug/l
 RT: 3.45 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VU027199.D
 Acq: 27 Sep 2018 00:24

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-56-SEP18

Tgt Ion:	63	Resp:	208741
Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.3	9.8
100	3.9	2.0	5.8

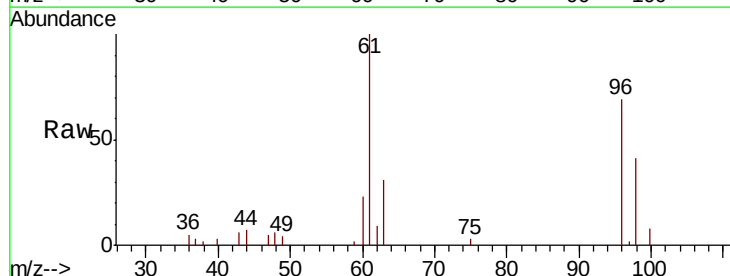


Abundance Ion 62.90 (62.60 to 63.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0
 Ion 99.90 (99.60 to 100.60): VU0

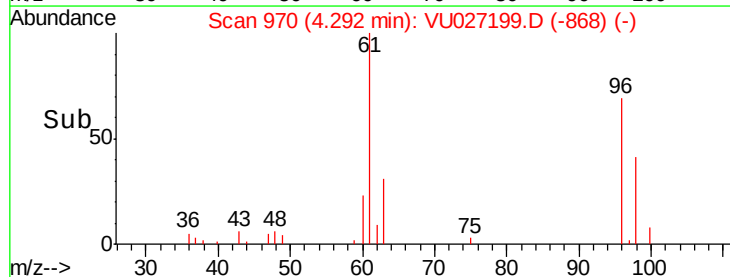
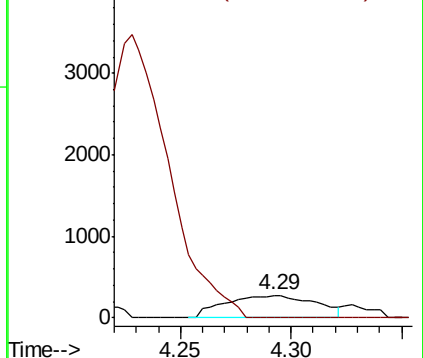


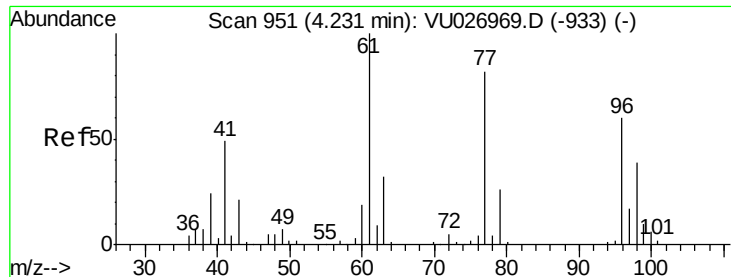
#25
 2-Butanone
 Concen: 0.520 ug/l
 RT: 4.29 min Scan# 970
 Delta R.T. 0.03 min
 Lab File: VU027199.D
 Acq: 27 Sep 2018 00:24

Tgt Ion:	43	Resp:	797
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.4	27.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 72.00 (71.70 to 72.70): VU0



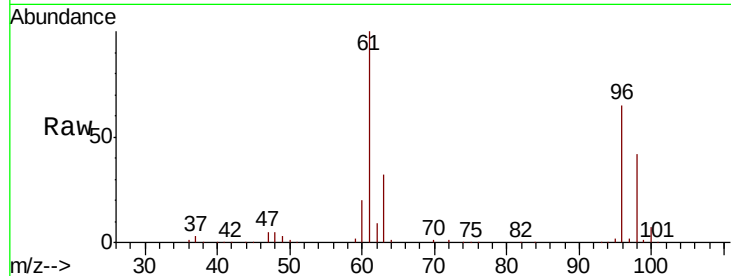


#27

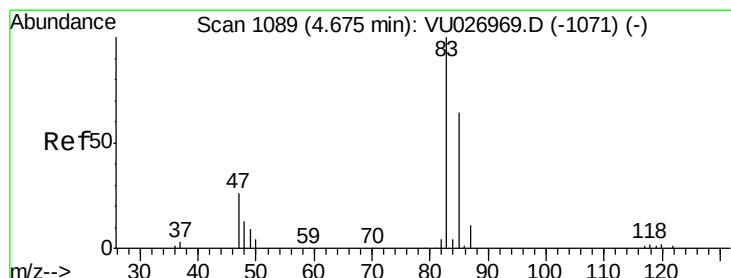
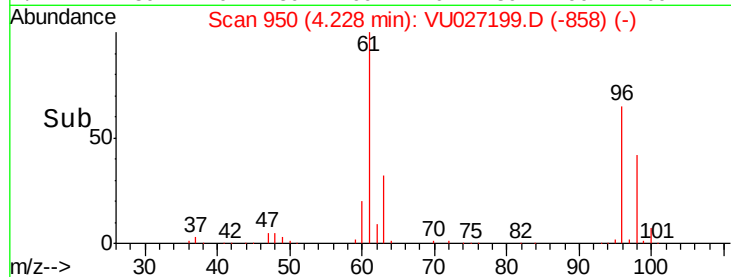
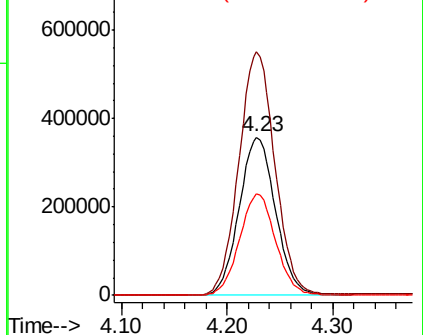
cis-1,2-Dichloroethene
 Concen: 567.979 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU027199.D
 Acq: 27 Sep 2018 00:24

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-56-SEP18

Tgt Ion: 96 Resp: 857679
 Ion Ratio Lower Upper
 96 100
 61 153.0 0.0 337.2
 98 63.8 0.0 127.6



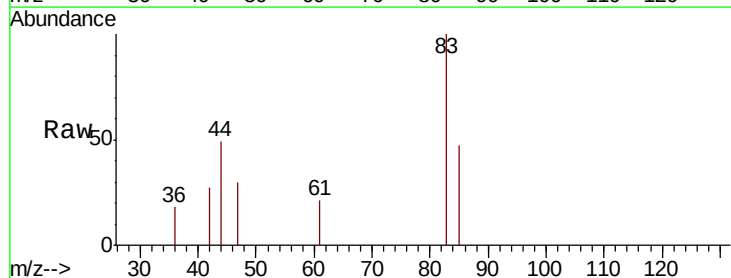
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



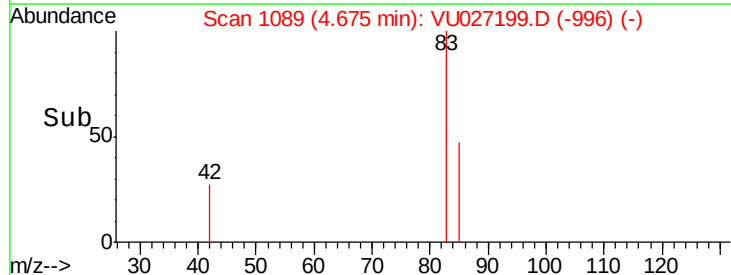
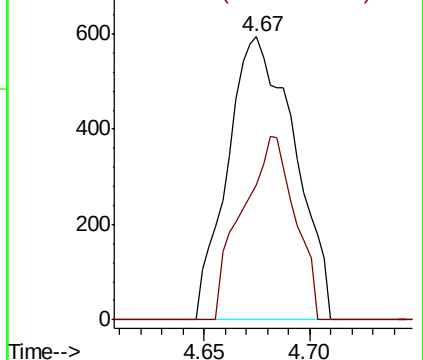
#30

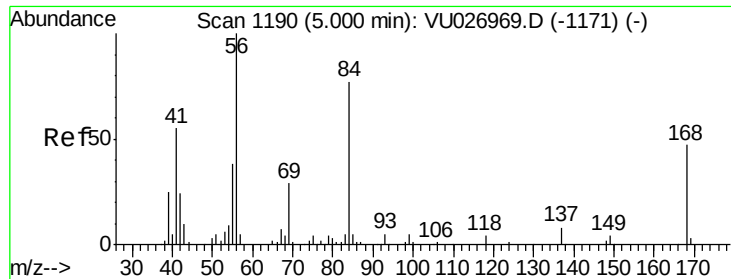
Chloroform
 Concen: 0.472 ug/l
 RT: 4.67 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VU027199.D
 Acq: 27 Sep 2018 00:24

Tgt Ion: 83 Resp: 1312
 Ion Ratio Lower Upper
 83 100
 85 47.5 51.5 77.3#



Abundance Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0

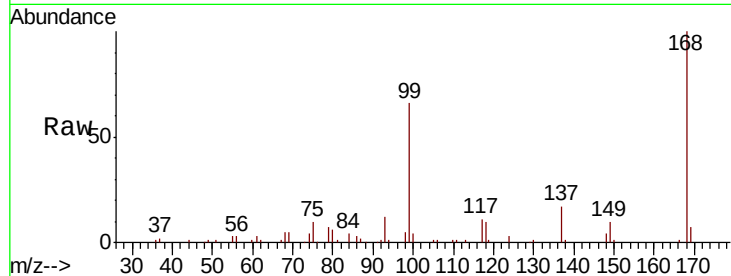




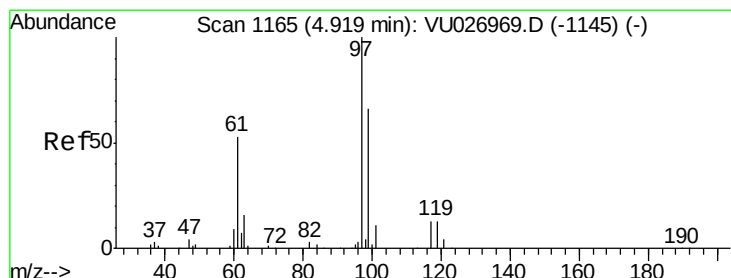
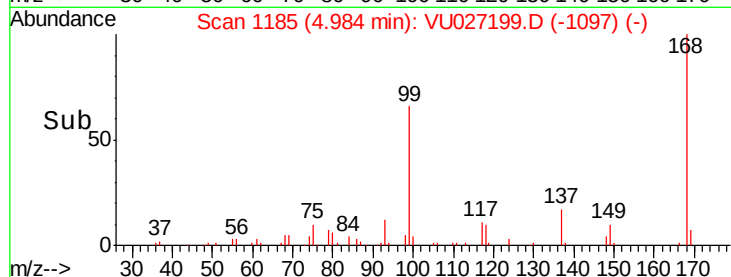
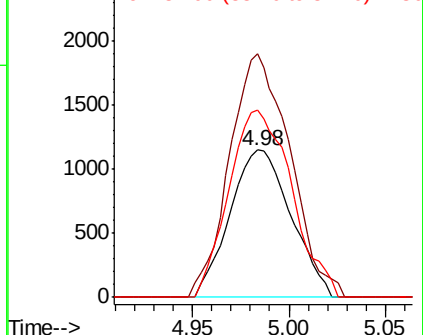
#31
Cyclohexane
Concen: 0.358 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.02 min
Lab File: VU027199.D
Acq: 27 Sep 2018 00:24

Instrument :
MSVOA_U
ClientSampleId :
MW-56-SEP18

Tgt Ion: 56 Resp: 2528
Ion Ratio Lower Upper
56 100
69 165.2 23.0 34.4#
84 127.4 61.4 92.2#

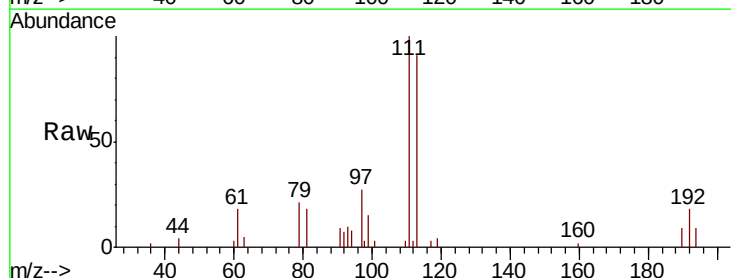


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

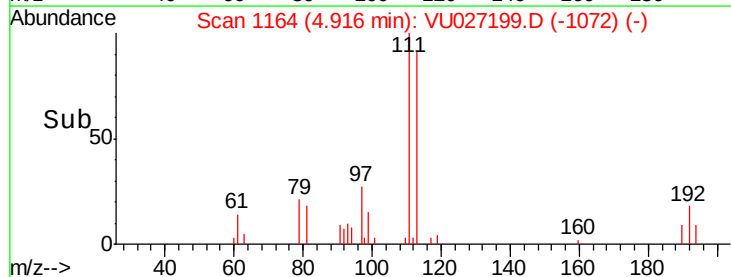
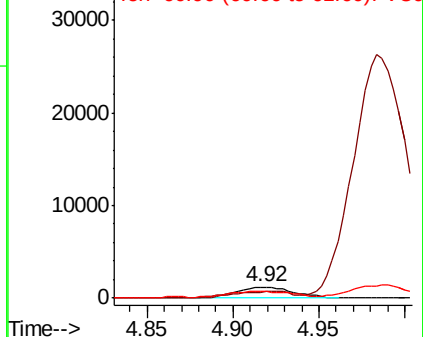


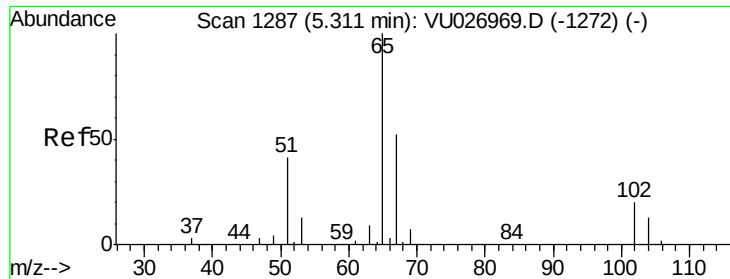
#32
1,1,1-Trichloroethane
Concen: 1.293 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027199.D
Acq: 27 Sep 2018 00:24

Tgt Ion: 97 Resp: 2867
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.6#
61 72.6 41.1 61.7#



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0

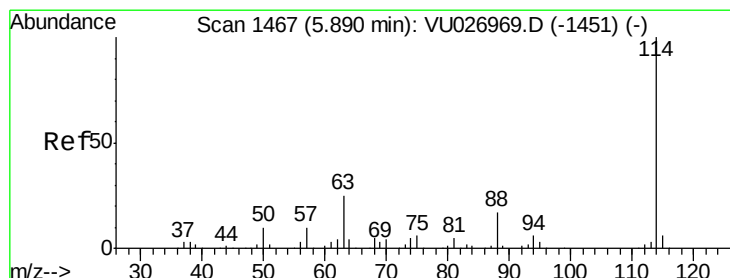
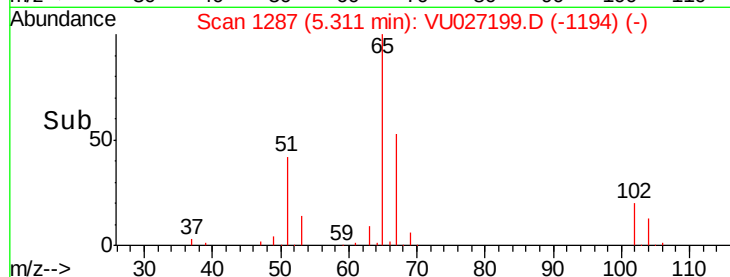
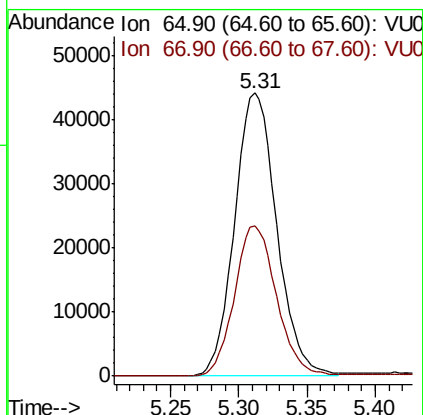
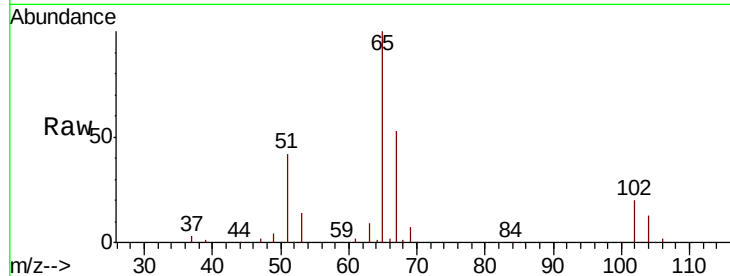




#33
 1,2-Dichloroethane-d4
 Concen: 51.845 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027199.D
 Acq: 27 Sep 2018 00:24

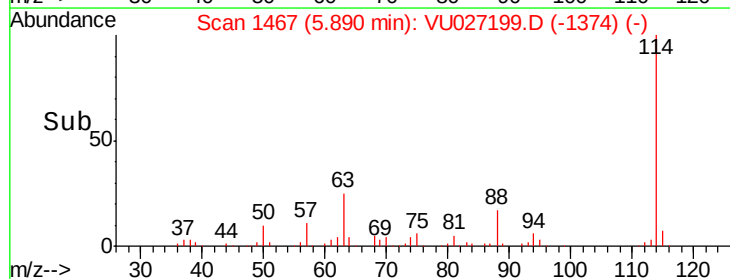
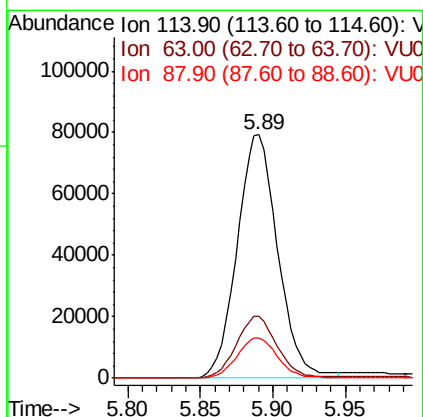
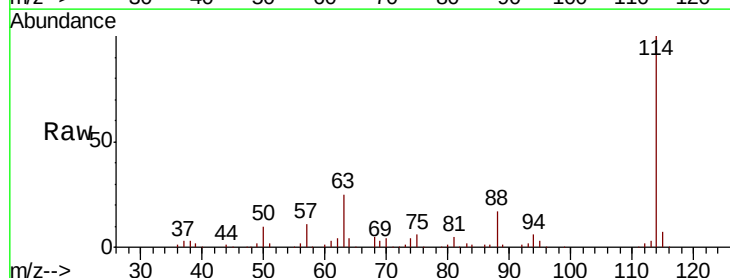
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-56-SEP18

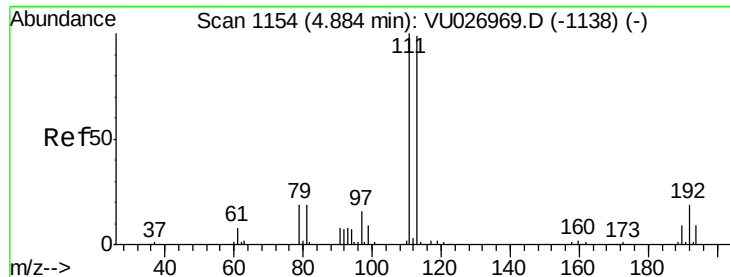
Tgt Ion: 65 Resp: 94618
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027199.D
 Acq: 27 Sep 2018 00:24

Tgt Ion: 114 Resp: 154403
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 49.2
 88 16.6 0.0 33.8

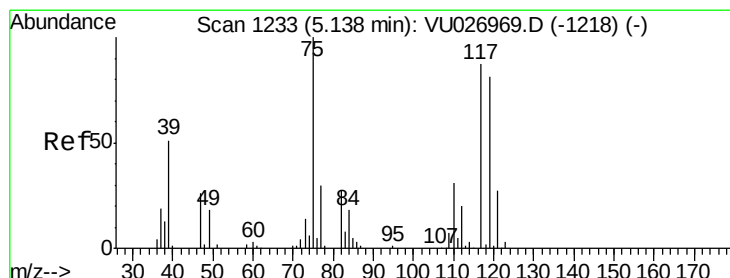
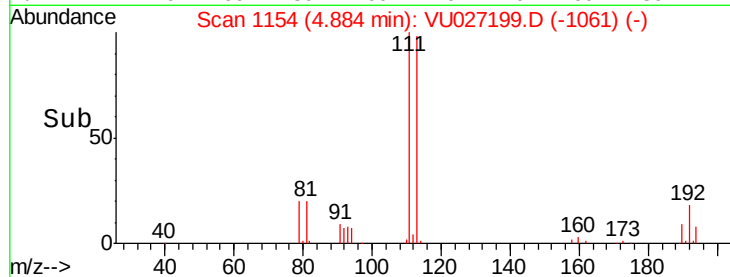
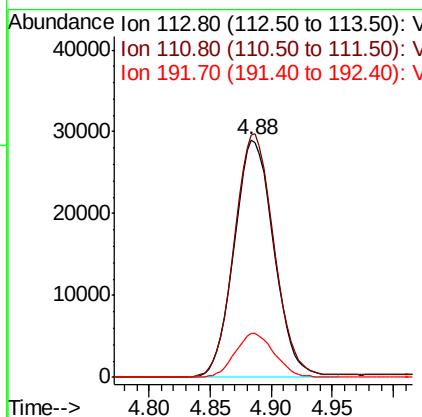
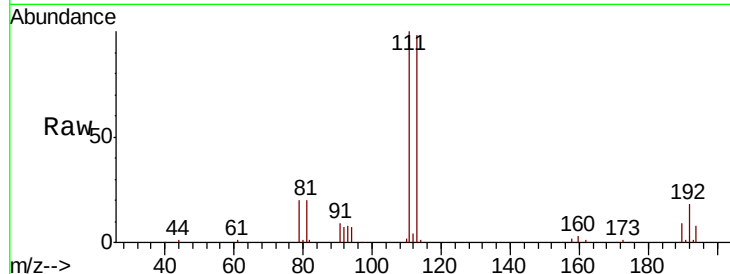




#35
 Dibromofluoromethane
 Concen: 49.020 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027199.D
 Acq: 27 Sep 2018 00:24

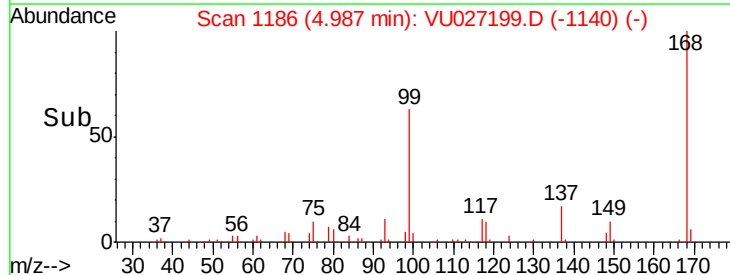
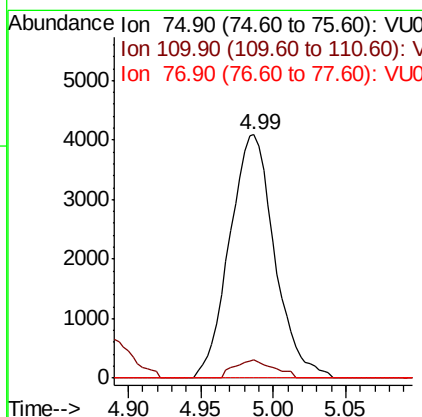
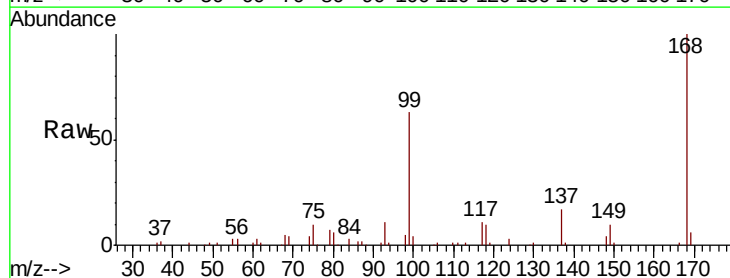
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-56-SEP18

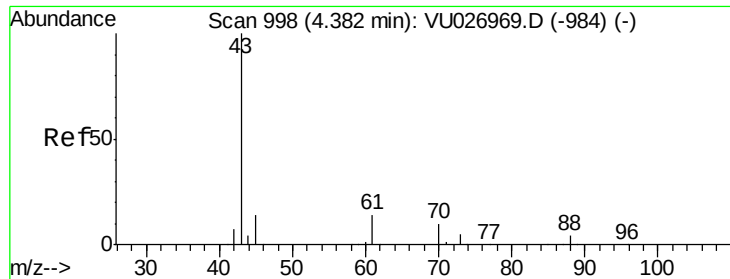
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.4
192	18.2	15.2	22.8



#36
 1,1-Dichloropropene
 Concen: 4.276 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027199.D
 Acq: 27 Sep 2018 00:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.5	16.1	48.2#
77	0.0	24.6	36.8#

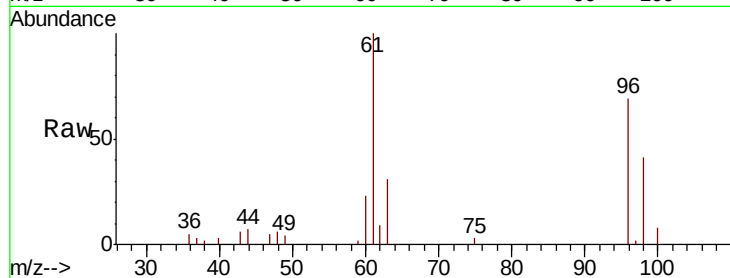




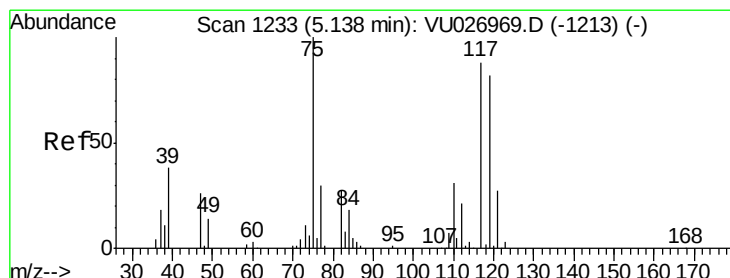
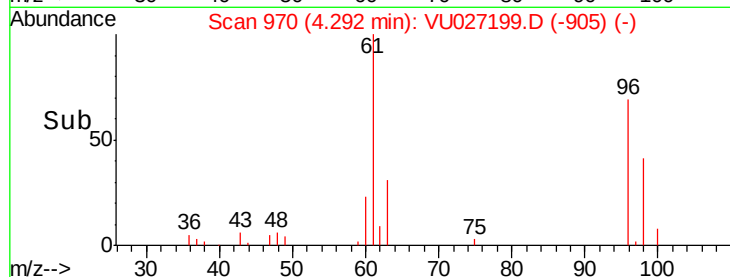
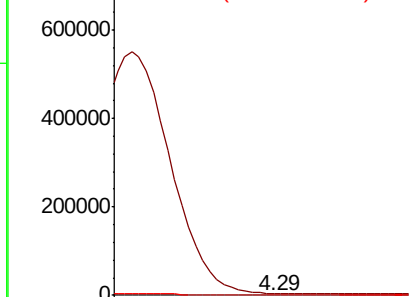
#37
 Ethyl Acetate
 Concen: 0.286 ug/l
 RT: 4.29 min Scan# 970
 Delta R.T. -0.09 min
 Lab File: VU027199.D
 Acq: 27 Sep 2018 00:24

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-56-SEP18

Tgt Ion: 43 Resp: 797
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.5 15.7#
 70 0.0 7.4 11.0#

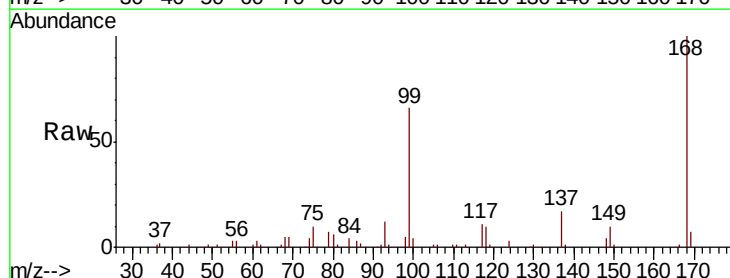


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 70.00 (69.70 to 70.70): VU0

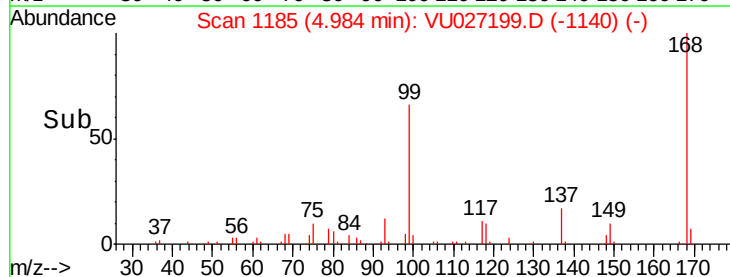
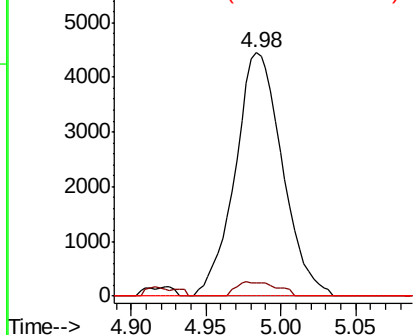


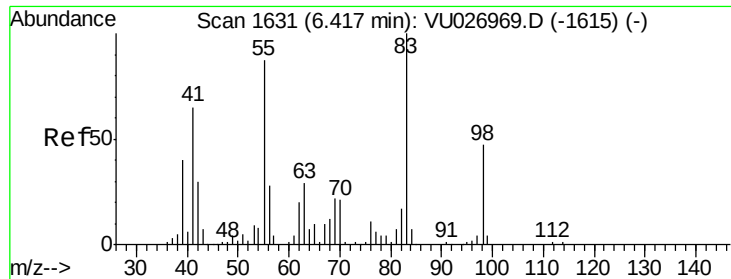
#38
 Carbon Tetrachloride
 Concen: 4.982 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027199.D
 Acq: 27 Sep 2018 00:24

Tgt Ion: 117 Resp: 9769
 Ion Ratio Lower Upper
 117 100
 119 5.4 74.4 111.6#
 121 0.0 24.2 36.4#



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





#39

Methylcyclohexane

Concen: 1.860 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. -0.23 min

Lab File: VU027199.D

Acq: 27 Sep 2018 00:24

Instrument :

MSVOA_U

ClientSampleId :

MW-56-SEP18

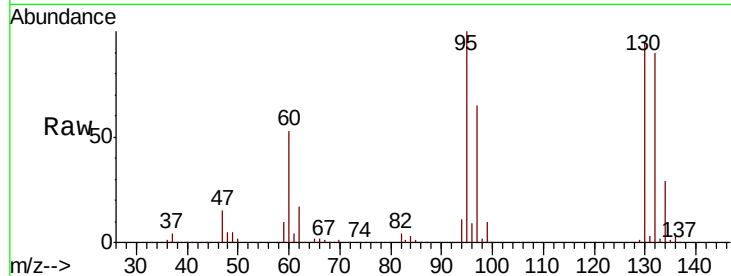
Tgt Ion: 83 Resp: 4165

Ion Ratio Lower Upper

83 100

55 0.0 69.9 104.9#

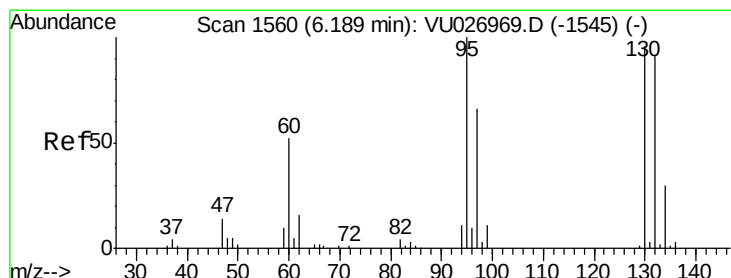
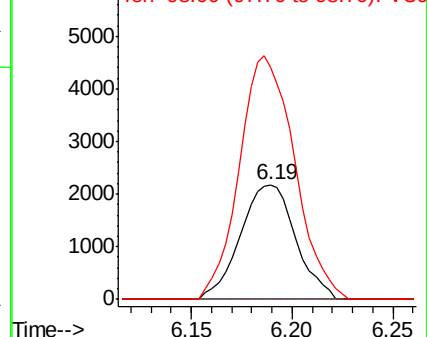
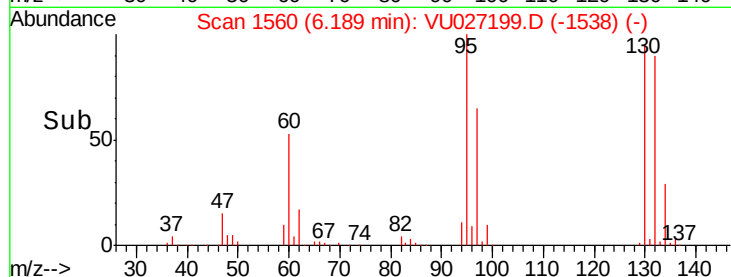
98 203.2 37.5 56.3#



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#44

Trichloroethene

Concen: 243.667 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027199.D

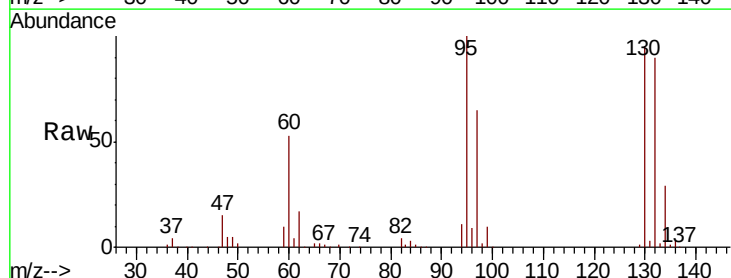
Acq: 27 Sep 2018 00:24

Tgt Ion:130 Resp: 324964

Ion Ratio Lower Upper

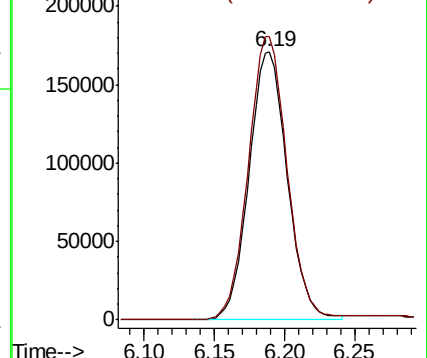
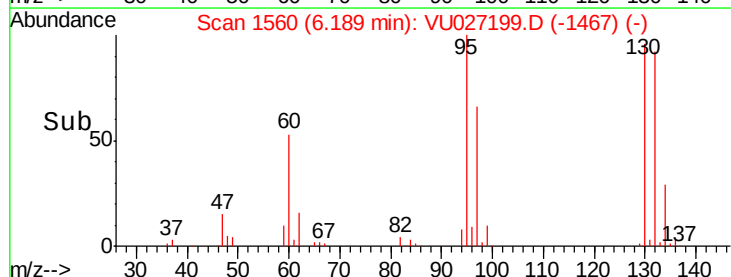
130 100

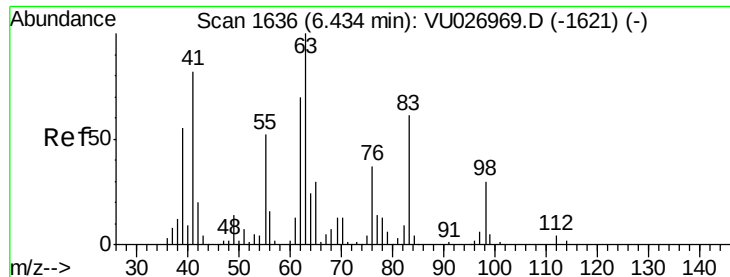
95 105.6 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

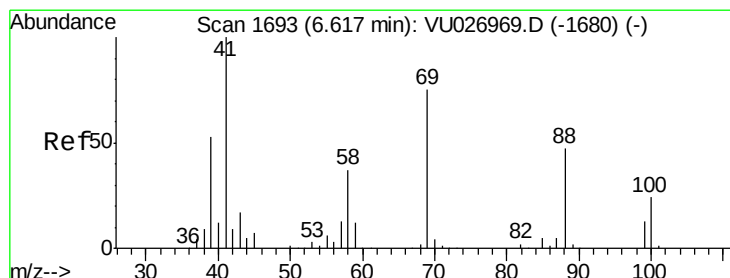
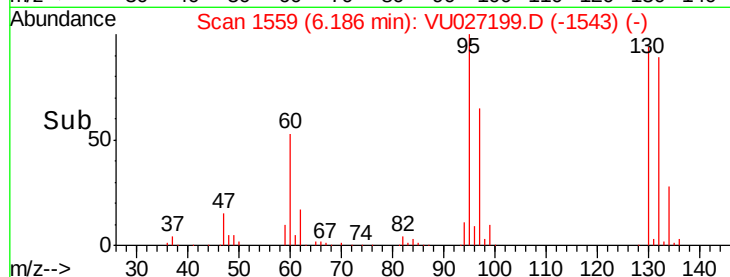
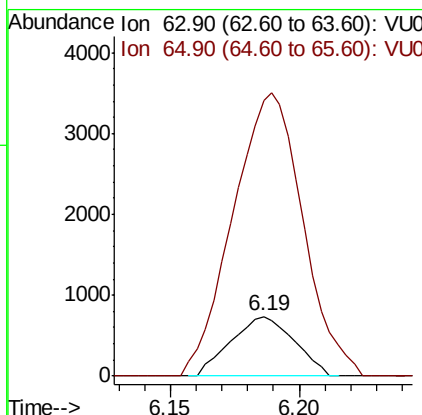
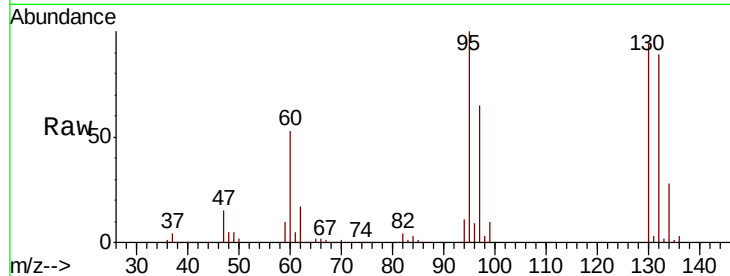




#45
 1,2-Dichloropropane
 Concen: 0.706 ug/l
 RT: 6.19 min Scan# 1559
 Delta R.T. -0.25 min
 Lab File: VU027199.D
 Acq: 27 Sep 2018 00:24

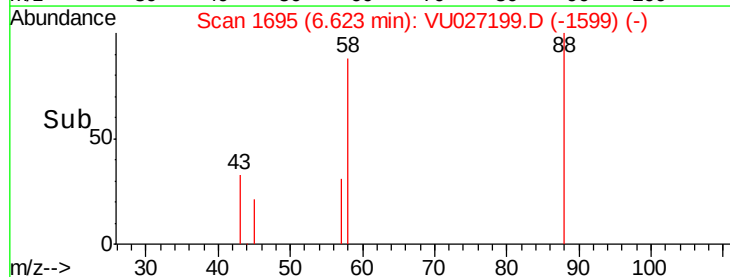
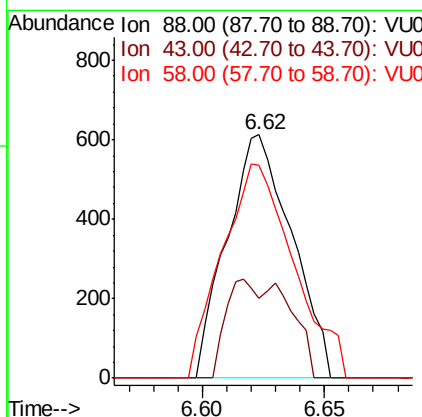
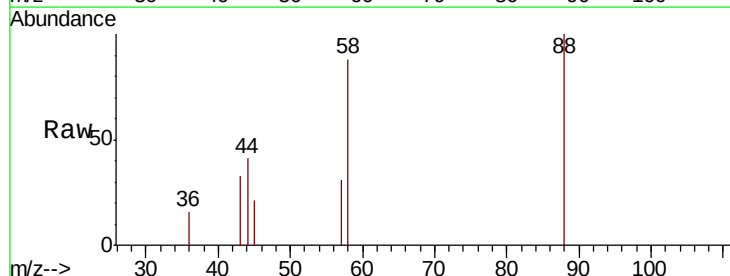
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-56-SEP18

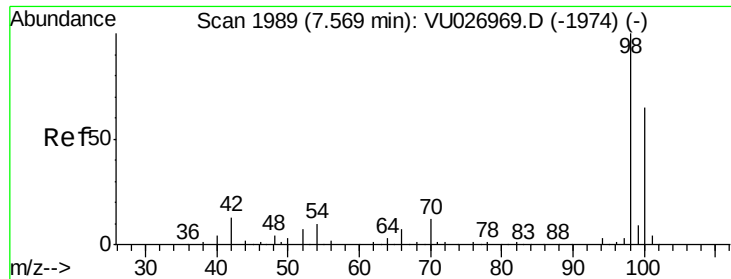
Tgt Ion: 63 Resp: 1261
 Ion Ratio Lower Upper
 63 100
 65 433.9 24.3 36.5#



#49
 1,4-Dioxane
 Concen: 23.919 ug/l
 RT: 6.62 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: VU027199.D
 Acq: 27 Sep 2018 00:24

Tgt Ion: 88 Resp: 1126
 Ion Ratio Lower Upper
 88 100
 43 20.9 29.8 44.8#
 58 97.5 63.9 95.9#

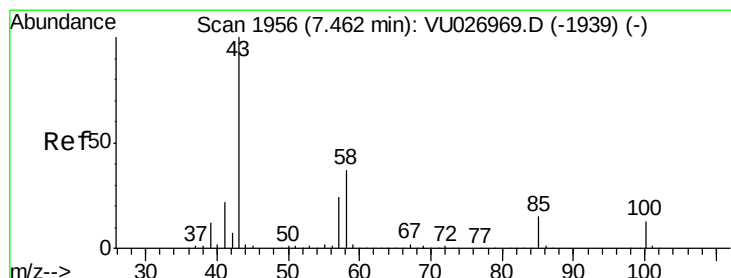
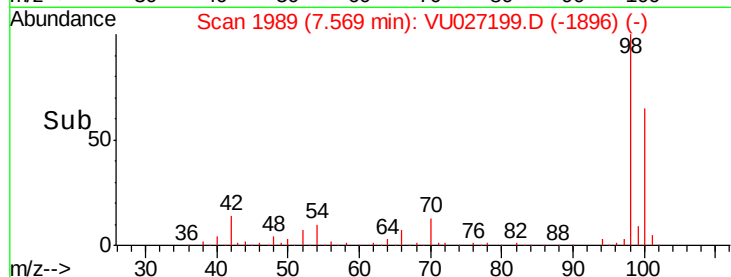
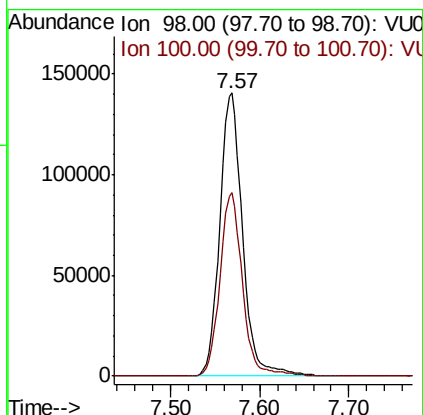
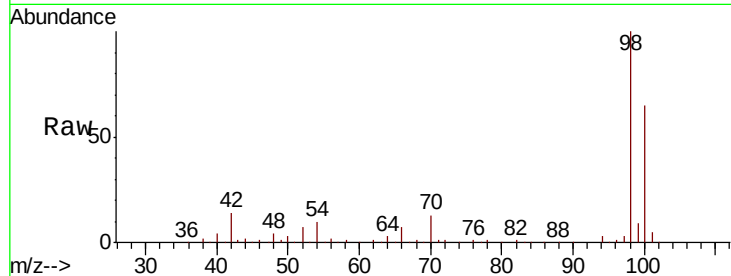




#50
Toluene-d8
Concen: 48.867 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027199.D
Acq: 27 Sep 2018 00:24

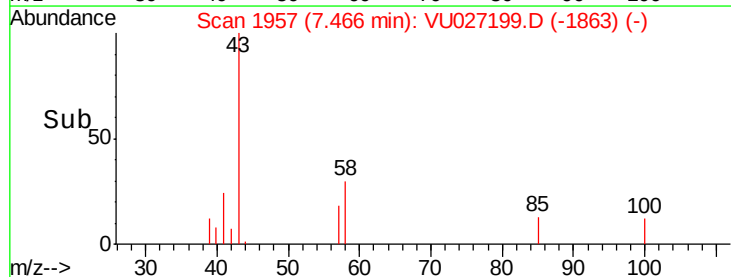
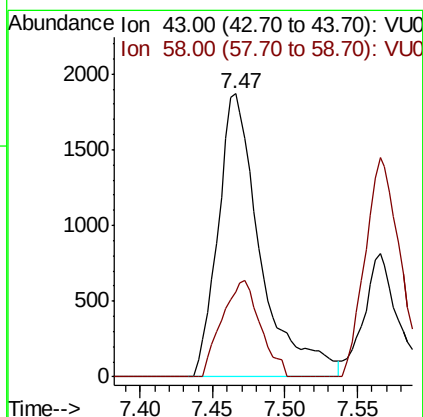
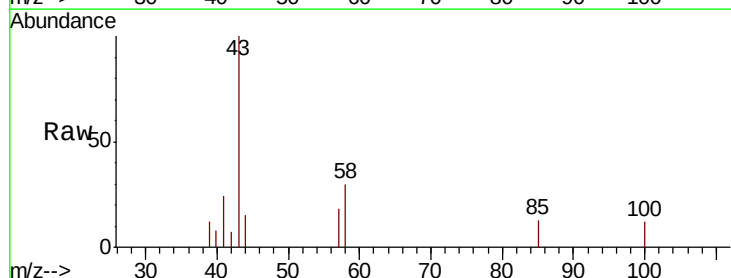
Instrument :
MSVOA_U
ClientSampleId :
MW-56-SEP18

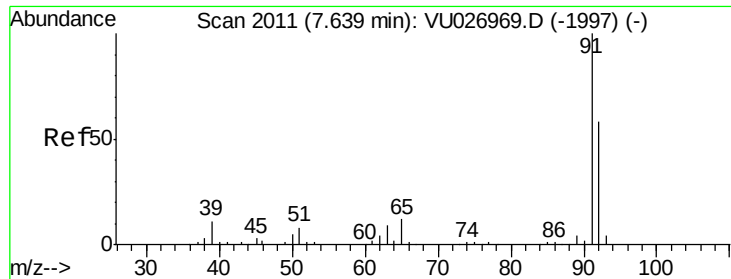
Tgt Ion: 98 Resp: 249249
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.387 ug/l
RT: 7.47 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VU027199.D
Acq: 27 Sep 2018 00:24

Tgt Ion: 43 Resp: 3796
Ion Ratio Lower Upper
43 100
58 30.7 29.8 44.6





#52

Toluene

Concen: 0.229 ug/l

RT: 7.64 min Scan# 2012

Delta R.T. 0.00 min

Lab File: VU027199.D

Acq: 27 Sep 2018 00:24

Instrument :

MSVOA_U

ClientSampleId :

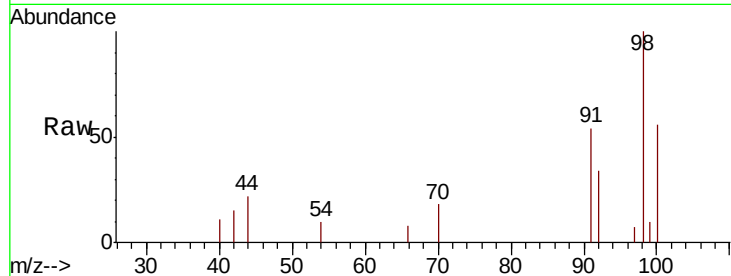
MW-56-SEP18

Tgt Ion: 92 Resp: 823

Ion Ratio Lower Upper

92 100

91 153.5 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU026969.D (-1997) (-)

Ion 91.00 (90.70 to 91.70): VU026969.D (-1997) (-)

800

600

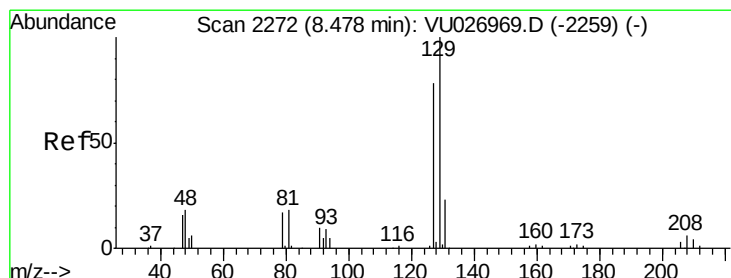
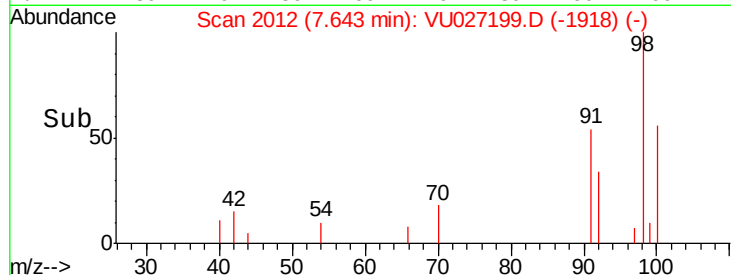
400

200

0

7.60 7.62 7.64 7.66 7.68

Time-->



#60

Dibromochloromethane

Concen: 53.399 ug/l

RT: 8.23 min Scan# 2194

Delta R.T. -0.25 min

Lab File: VU027199.D

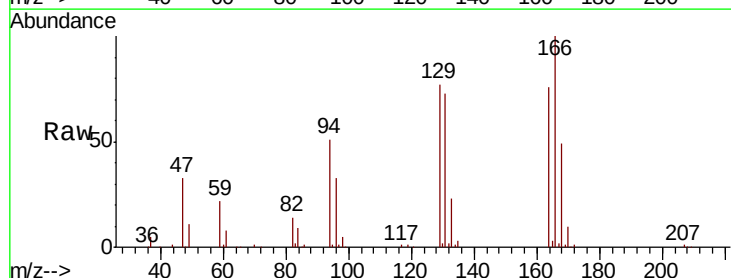
Acq: 27 Sep 2018 00:24

Tgt Ion: 129 Resp: 79695

Ion Ratio Lower Upper

129 100

127 0.0 38.1 114.5#



Abundance Ion 128.80 (128.50 to 129.50): VU026969.D (-2259) (-)

Ion 126.80 (126.50 to 127.50): VU026969.D (-2259) (-)

50000

40000

30000

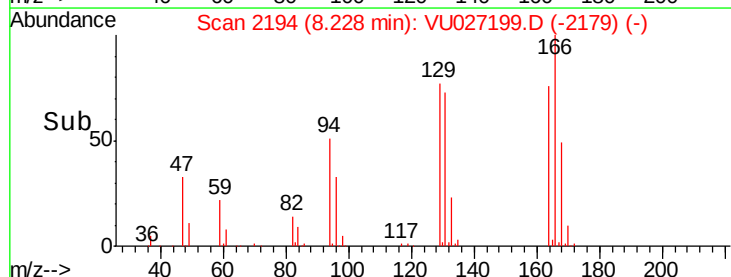
20000

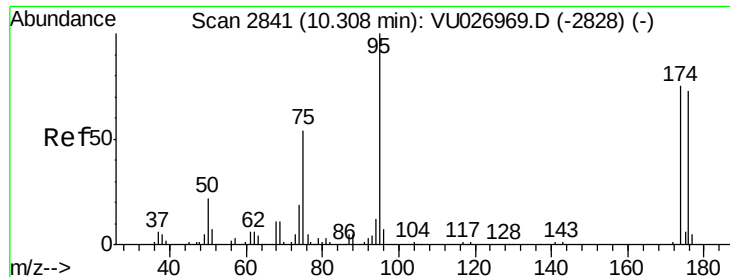
10000

0

8.15 8.20 8.25 8.30 8.35

Time-->

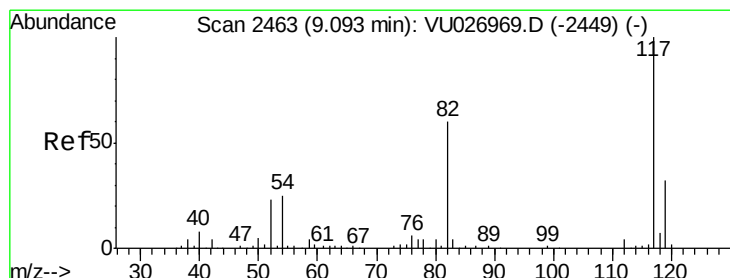
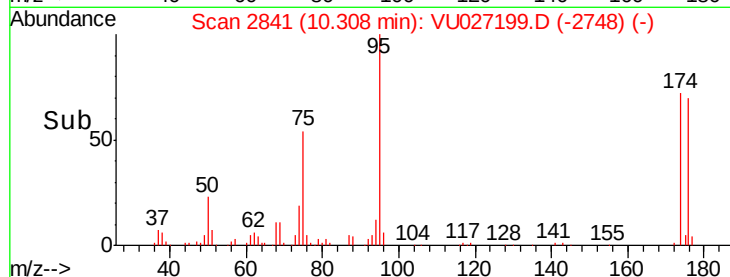
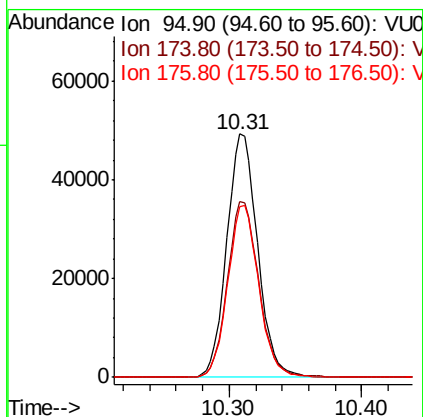
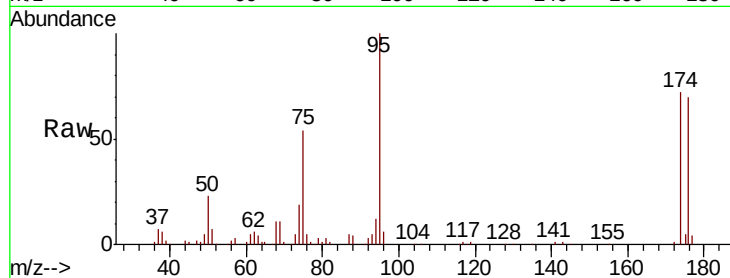




#62
 4-Bromofluorobenzene
 Concen: 45.461 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027199.D
 Acq: 27 Sep 2018 00:24

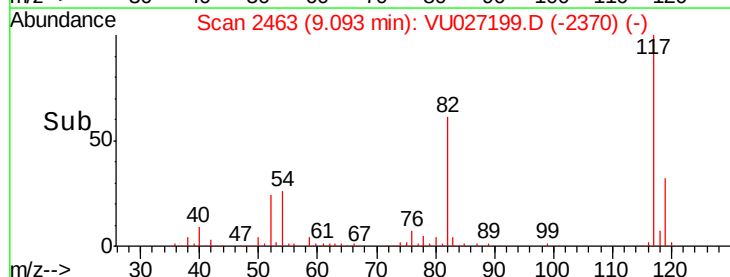
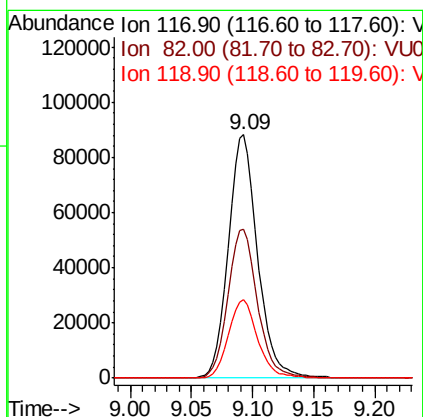
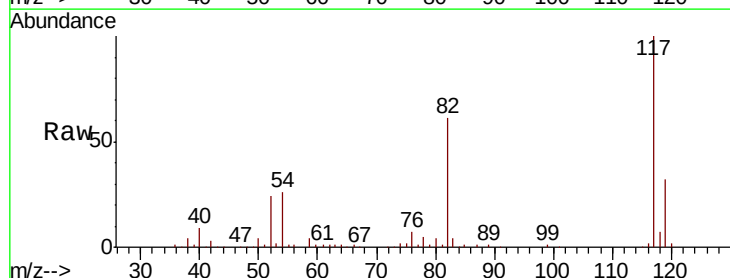
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-56-SEP18

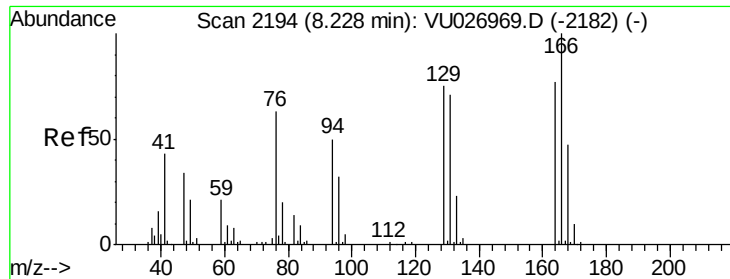
Tgt Ion: 95 Resp: 79565
 Ion Ratio Lower Upper
 95 100
 174 73.6 0.0 150.2
 176 71.0 0.0 145.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VU027199.D
 Acq: 27 Sep 2018 00:24

Tgt Ion: 117 Resp: 148142
 Ion Ratio Lower Upper
 117 100
 82 61.4 48.0 72.0
 119 32.2 25.8 38.8





#64

Tetrachloroethene

Concen: 71.144 ug/l

RT: 8.23 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VU027199.D

Acq: 27 Sep 2018 00:24

Instrument :

MSVOA_U

ClientSampleId :

MW-56-SEP18

Tgt Ion:164 Resp: 81214

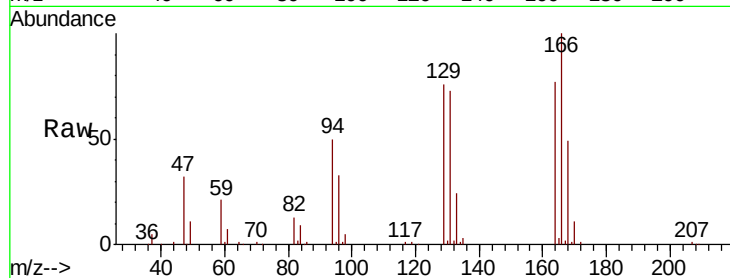
Ion Ratio Lower Upper

164 100

166 129.3 104.4 156.6

129 98.6 78.7 118.1

131 94.3 73.9 110.9

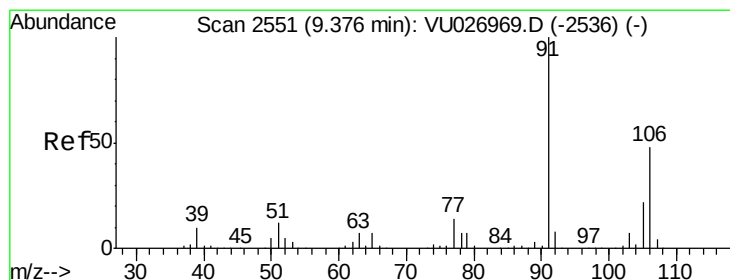
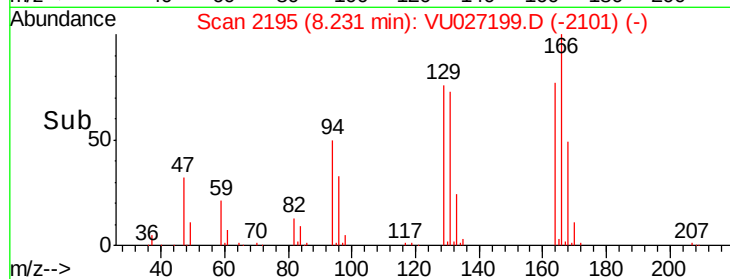
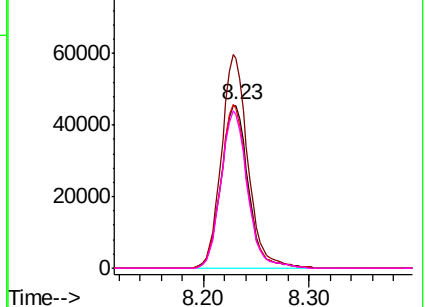


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#68

m/p-Xylenes

Concen: 1.556 ug/l

RT: 9.38 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VU027199.D

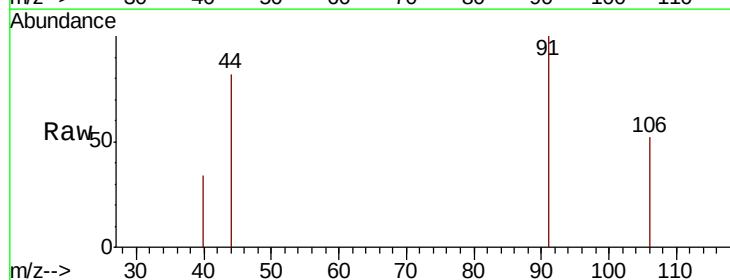
Acq: 27 Sep 2018 00:24

Tgt Ion:106 Resp: 147

Ion Ratio Lower Upper

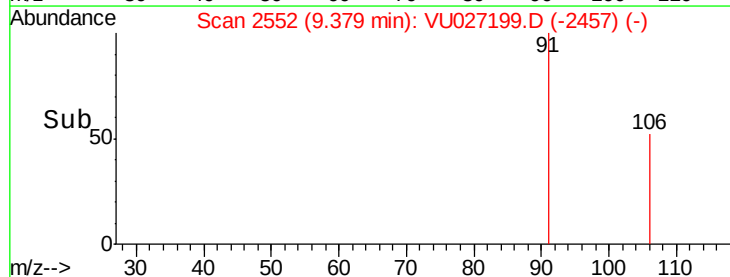
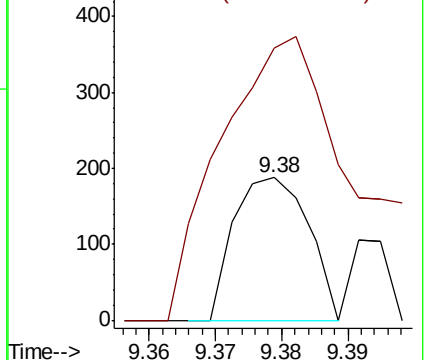
106 100

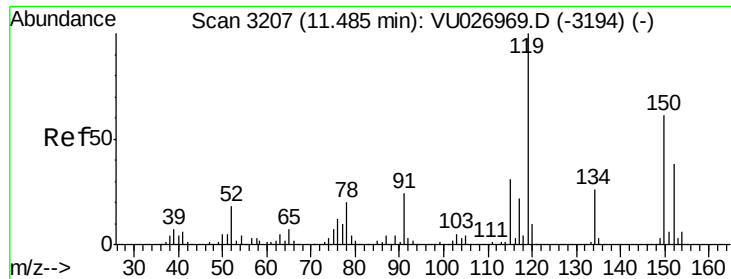
91 360.5 166.5 249.7#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027199.D

Acq: 27 Sep 2018 00:24

Instrument :

MSVOA_U

ClientSampleId :

MW-56-SEP18

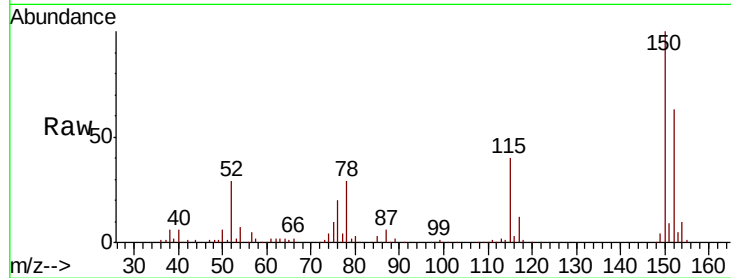
Tgt Ion:152 Resp: 68117

Ion Ratio Lower Upper

152 100

115 62.2 44.9 134.5

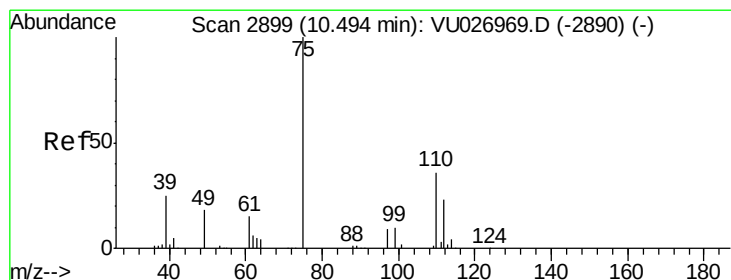
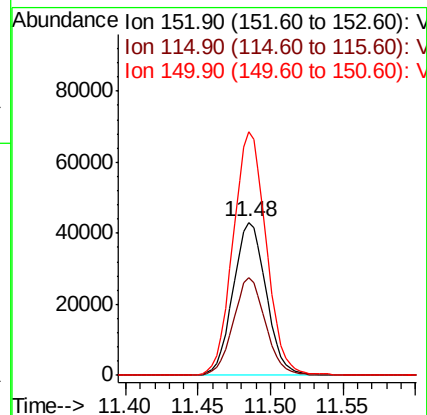
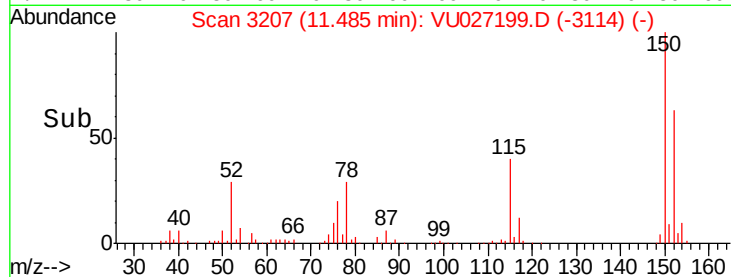
150 160.0 0.0 355.8



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: 20.651 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027199.D

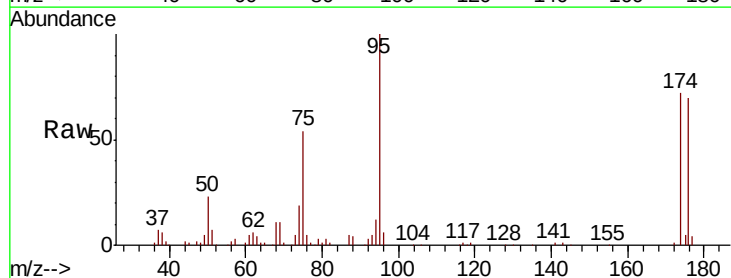
Acq: 27 Sep 2018 00:24

Tgt Ion: 75 Resp: 42735

Ion Ratio Lower Upper

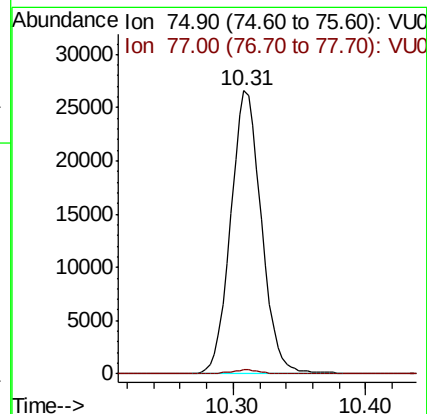
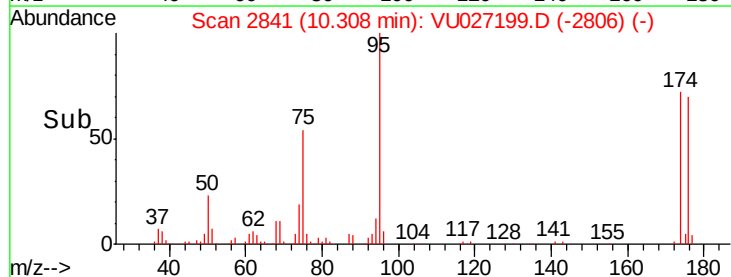
75 100

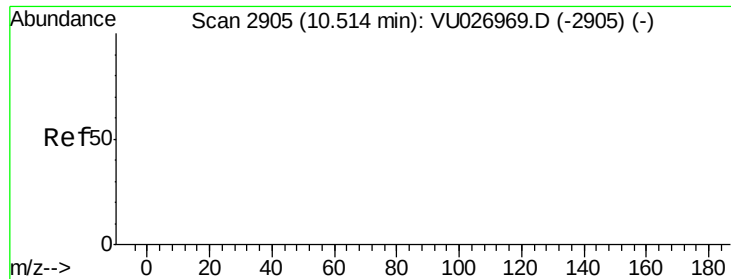
77 1.2 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

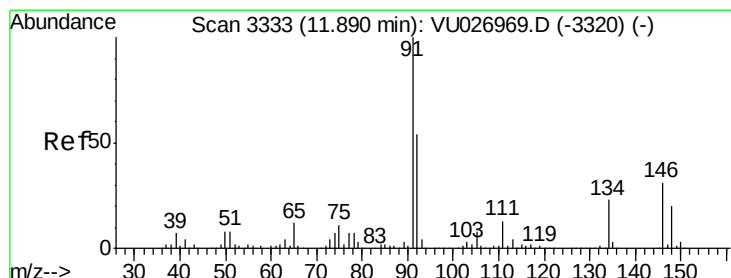
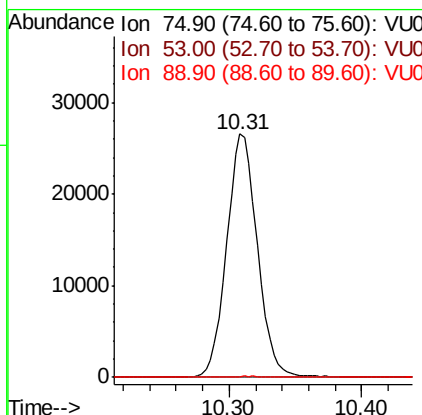
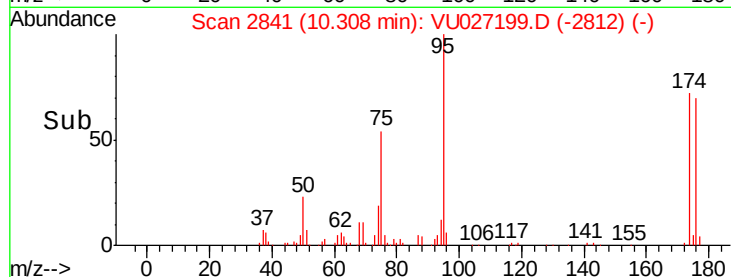
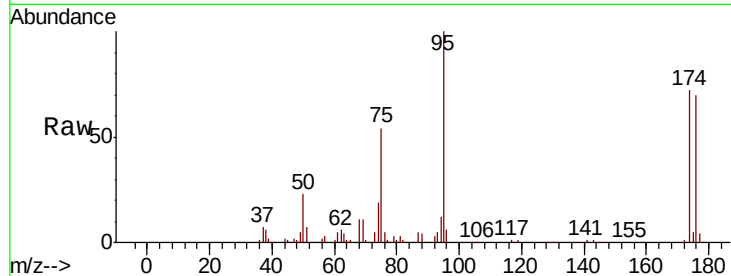




#81
trans-1,4-Dichloro-2-butene
Concen: 66.087 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.21 min
Lab File: VU027199.D
Acq: 27 Sep 2018 00:24

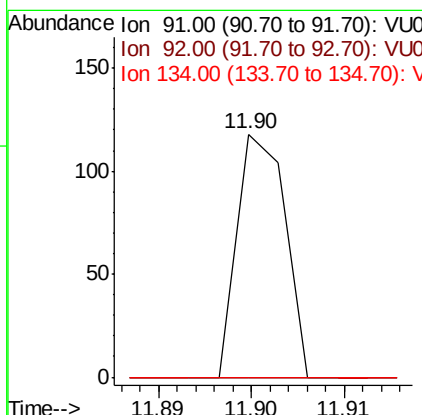
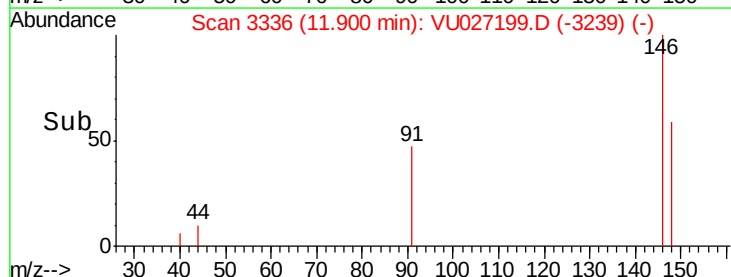
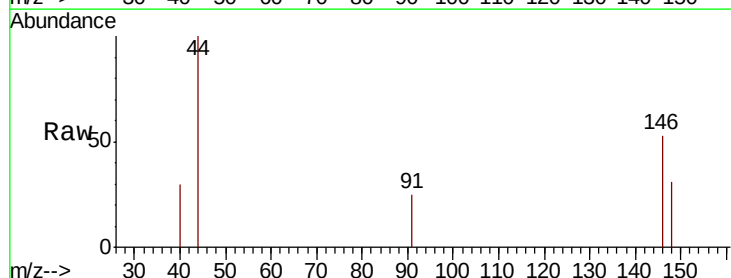
Instrument :
MSVOA_U
ClientSampleId :
MW-56-SEP18

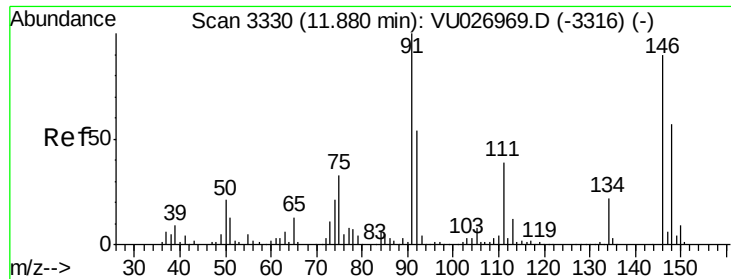
Tgt Ion: 75 Resp: 42735
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.1 0.0 0.0#



#89
n-Butylbenzene
Concen: 2.401 ug/l
RT: 11.90 min Scan# 3336
Delta R.T. 0.01 min
Lab File: VU027199.D
Acq: 27 Sep 2018 00:24

Tgt Ion: 91 Resp: 43
Ion Ratio Lower Upper
91 100
92 0.0 27.1 81.2#
134 0.0 11.7 35.0#





#91

1,2-Dichlorobenzene

Concen: 0.399 ug/l

RT: 11.88 min Scan# 3331

Delta R.T. 0.00 min

Lab File: VU027199.D

Acq: 27 Sep 2018 00:24

Instrument :

MSVOA_U

ClientSampleId :

MW-56-SEP18

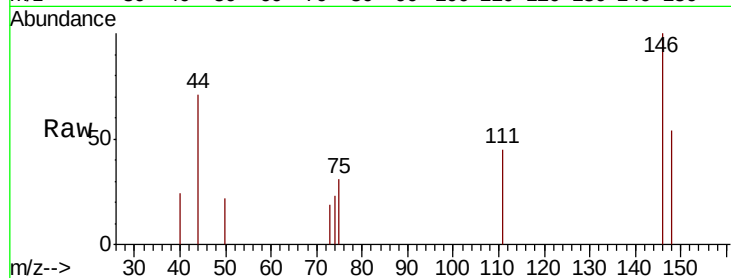
Tgt Ion:146 Resp: 998

Ion Ratio Lower Upper

146 100

111 32.5 21.8 65.3

148 49.3 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

