

Data File : VU027176.D
Acq On : 26 Sep 2018 14:40
Operator : MD/SY
Sample : J5049-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-97-SEP18

Manual Integrations
APPROVED

MMDadoda
9/27/2018 3:33:19 PM

Quant Time: Oct 05 04:34:49 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	96410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	163941	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	167052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	87313	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	97568	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
35) Dibromofluoromethane	4.89	113	63789	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	
50) Toluene-d8	7.57	98	268980	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	10.31	95	95032	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	

Target Compounds			Qvalue			
4) Vinyl Chloride	1.40	62	2147245	1059.943	ug/l	100
12) 1,1-Dichloroethene	2.29	96	17263	12.964	ug/l	97
16) Acetone	2.32	43	10512830	10906.597	ug/l	99
21) trans-1,2-Dichloroethene	2.99	96	194723	136.968	ug/l	99
25) 2-Butanone	4.28	43	145605	89.290	ug/l #	73
27) cis-1,2-Dichloroethene	4.23	96	26483339m	16495.101	ug/l	
40) Benzene	5.39	78	6209	0.933	ug/l	98
43) Isopropyl Acetate	5.55	43	38017	8.801	ug/l	100
44) Trichloroethene	6.19	130	3921	2.769	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	45656	15.715	ug/l	98
52) Toluene	7.64	92	87955	23.070	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	1855	1.148	ug/l	95
65) Chlorobenzene	9.12	112	637920	144.020	ug/l	99
68) m/p-Xylenes	9.38	106	1113	1.872	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	10010	3.314	ug/l	97
88) 1,4-Dichlorobenzene	11.51	146	145038	44.061	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	103633	32.302	ug/l	99
95) Naphthalene	13.75	128	3630	2.174	ug/l #	96

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

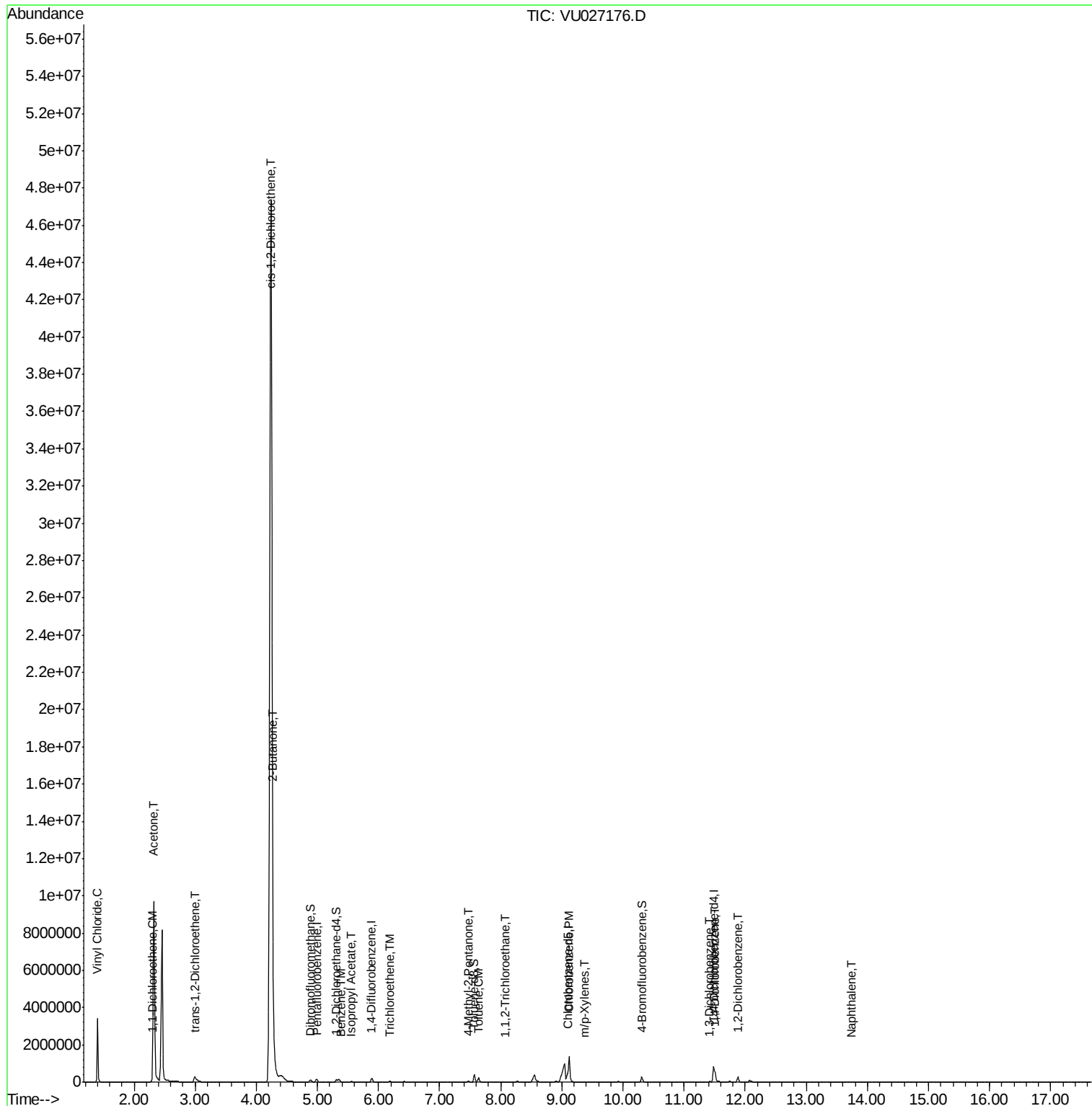
Data File : VU027176.D
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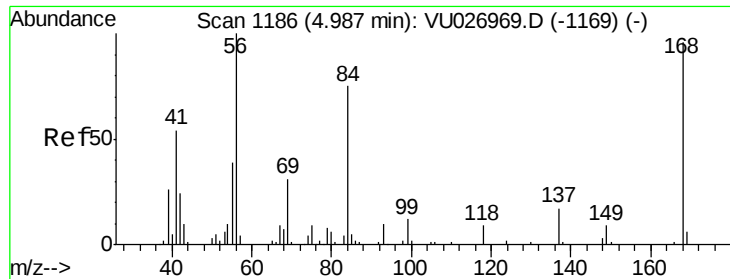
Instrument :
MSVOA_U
ClientSampleId :
MW-97-SEP18

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Quant Time: Oct 05 04:34:49 2018
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Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027176.D

Acq: 26 Sep 2018 14:40

Instrument :

MSVOA_U

ClientSampleId :

MW-97-SEP18

Tgt Ion:168 Resp: 96410

Ion Ratio Lower Upper

168 100

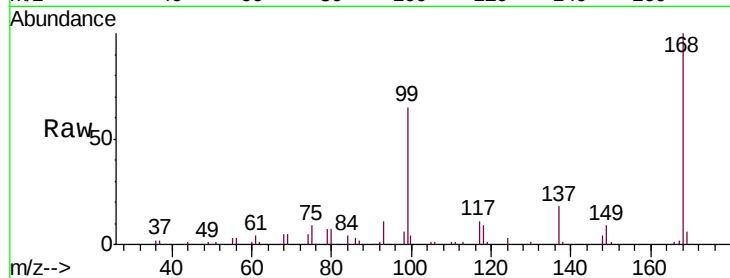
99 64.8 48.1 72.1

Manual Integrations

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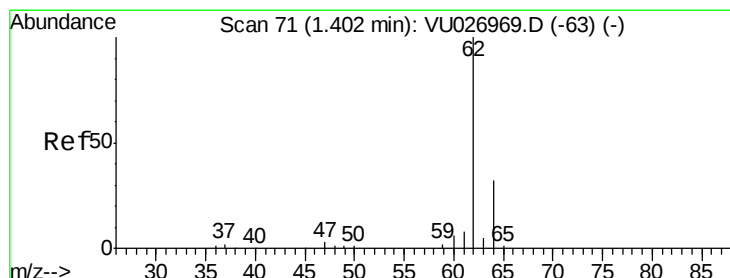
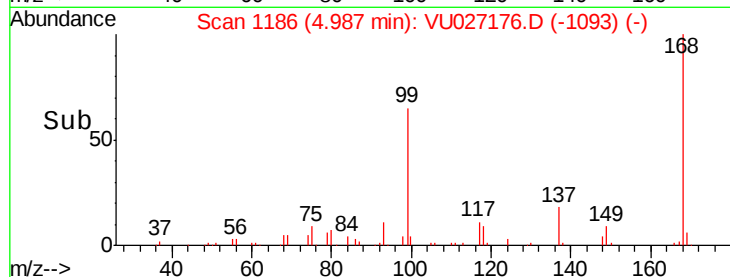
Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

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

4.99

4.90 4.95 5.00 5.05

Time-->



#4

Vinyl Chloride

Concen: 1059.943 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027176.D

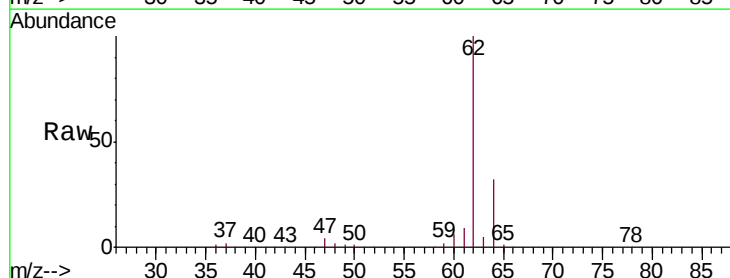
Acq: 26 Sep 2018 14:40

Tgt Ion: 62 Resp: 2147245

Ion Ratio Lower Upper

62 100

64 31.7 25.5 38.3



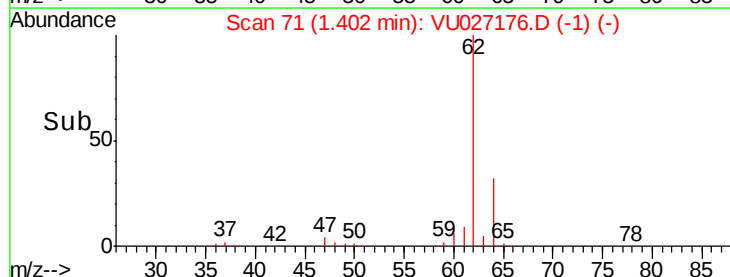
Abundance Ion 61.90 (61.60 to 62.60): VU026969.D (-63) (-)

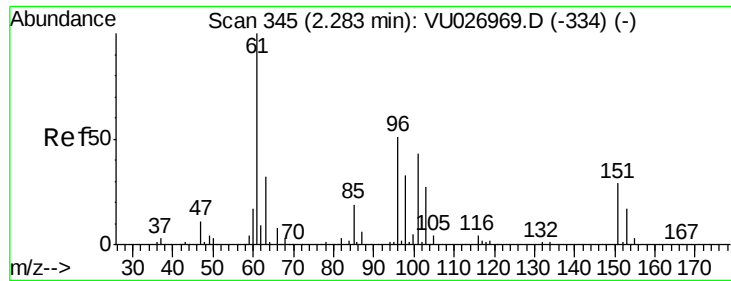
Ion 63.90 (63.60 to 64.60): VU026969.D (-63) (-)

1.40

1.35 1.40 1.45 1.50

Time-->





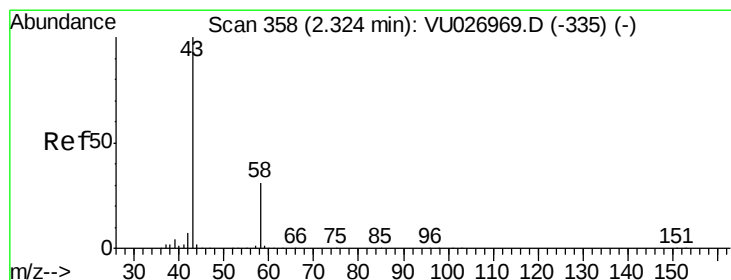
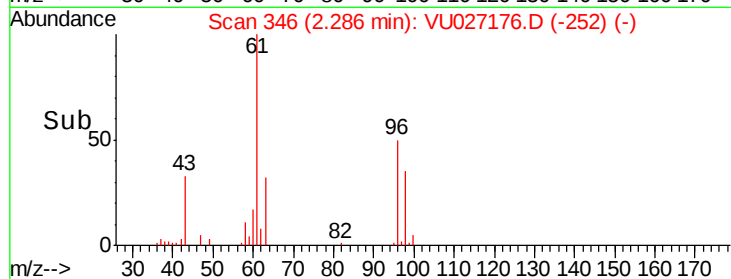
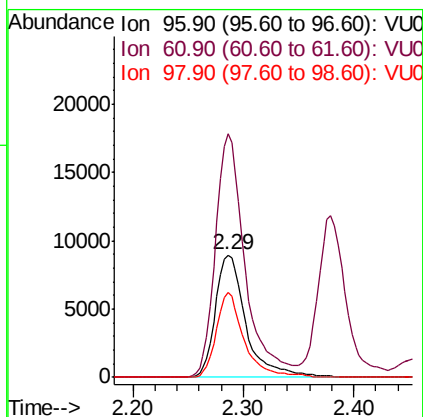
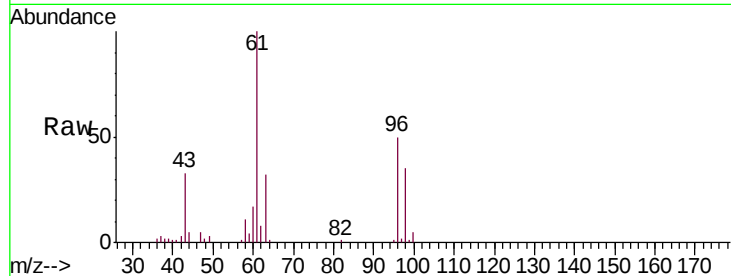
#12
 1,1-Dichloroethene
 Concen: 12.964 ug/l
 RT: 2.29 min Scan# 346
 Delta R.T. 0.00 min
 Lab File: VU027176.D
 Acq: 26 Sep 2018 14:40

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-97-SEP18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	198.5	156.1	234.1
98	68.9	51.4	77.0

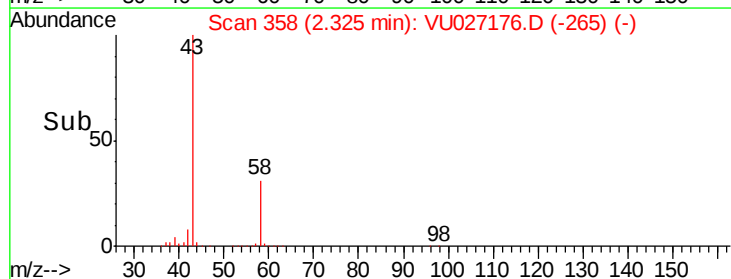
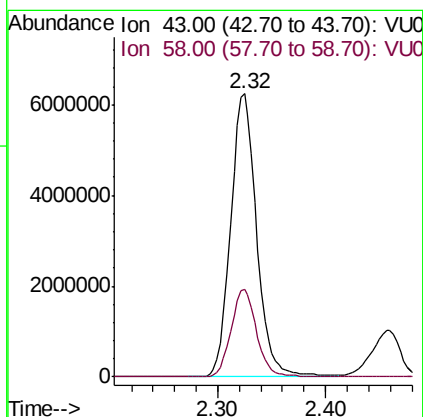
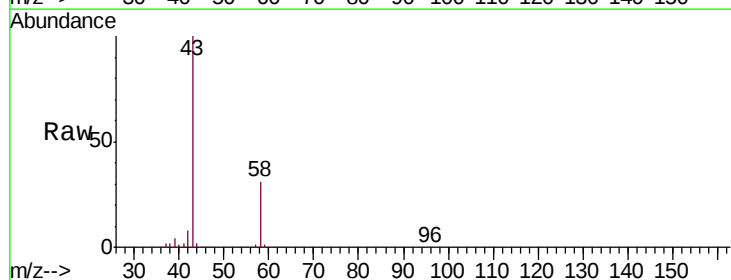
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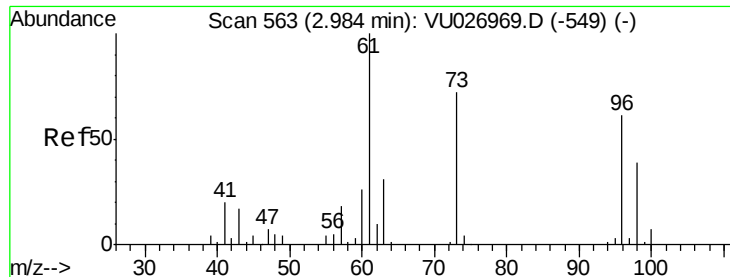
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#16
 Acetone
 Concen: 10906.597 ug/l
 RT: 2.32 min Scan# 358
 Delta R.T. 0.00 min
 Lab File: VU027176.D
 Acq: 26 Sep 2018 14:40

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.6	36.8





#21

trans-1,2-Dichloroethene

Concen: 136.968 ug/l

RT: 2.99 min Scan# 566

Delta R.T. 0.01 min

Lab File: VU027176.D

Acq: 26 Sep 2018 14:40

Instrument :

MSVOA_U

ClientSampleId :

MW-97-SEP18

Tgt Ion: 96 Resp: 194723

Ion Ratio Lower Upper

96 100

61 163.2 131.8 197.6

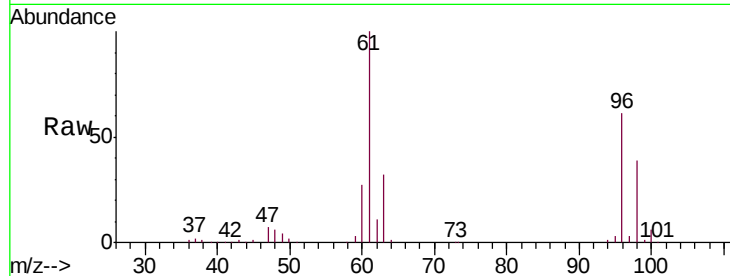
98 63.3 50.9 76.3

Manual Integrations

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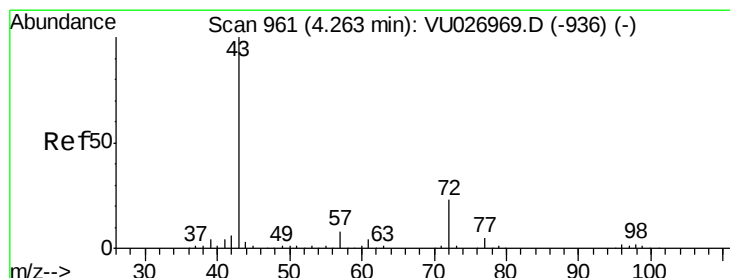
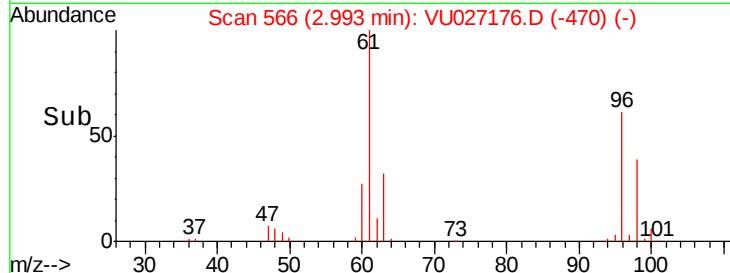
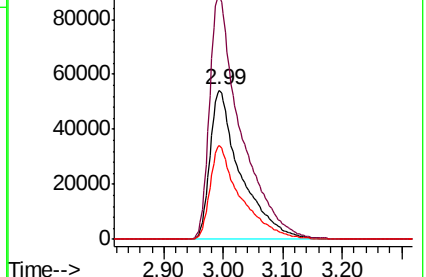
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Abundance Ion 95.90 (95.60 to 96.60): VU027176.D (-470) (-)

Ion 60.90 (60.60 to 61.60): VU027176.D (-470) (-)

Ion 97.90 (97.60 to 98.60): VU027176.D (-470) (-)



#25

2-Butanone

Concen: 89.290 ug/l

RT: 4.28 min Scan# 965

Delta R.T. 0.01 min

Lab File: VU027176.D

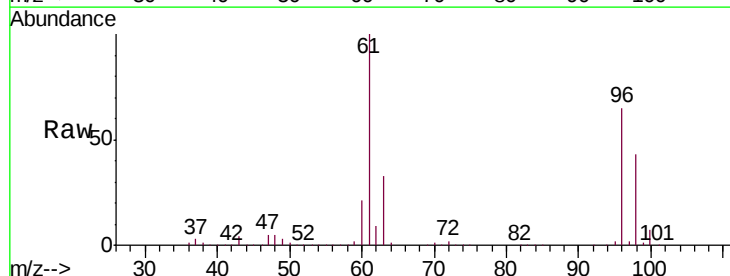
Acq: 26 Sep 2018 14:40

Tgt Ion: 43 Resp: 145605

Ion Ratio Lower Upper

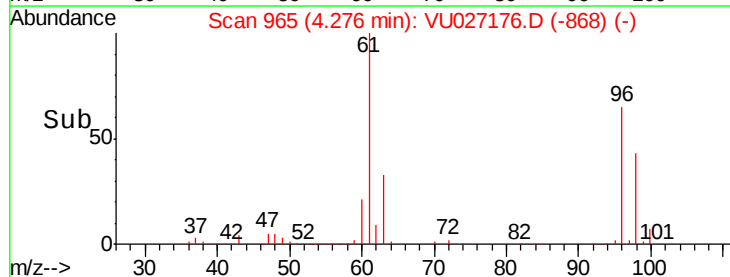
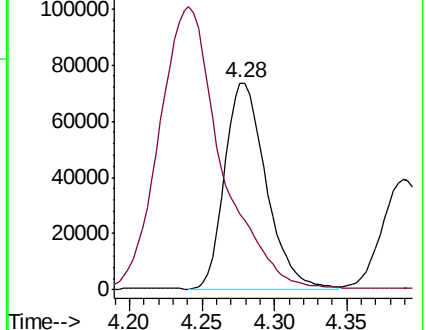
43 100

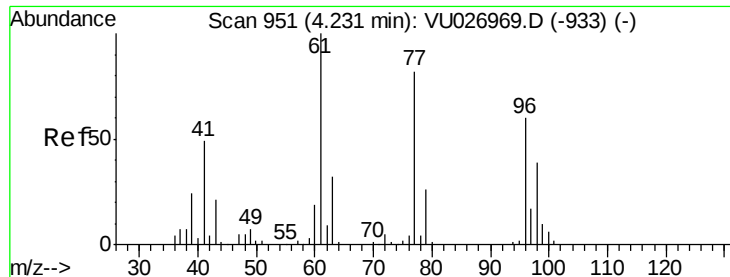
72 36.0 18.4 27.6#



Abundance Ion 43.00 (42.70 to 43.70): VU027176.D (-868) (-)

Ion 72.00 (71.70 to 72.70): VU027176.D (-868) (-)





#27

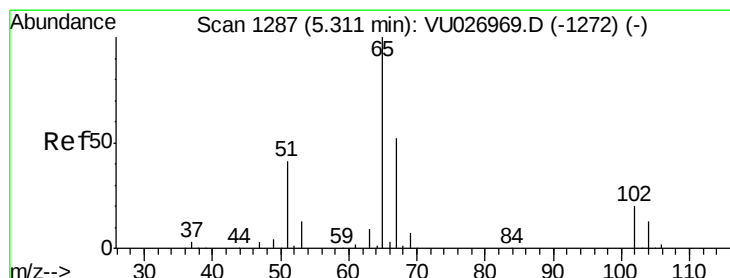
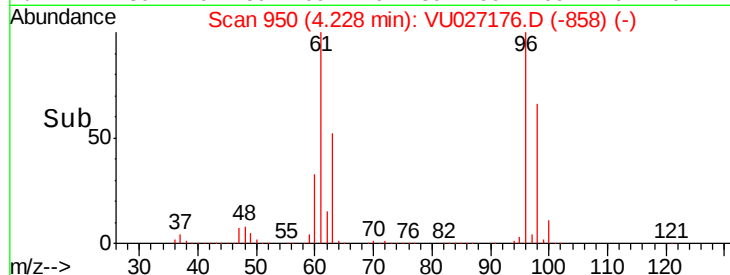
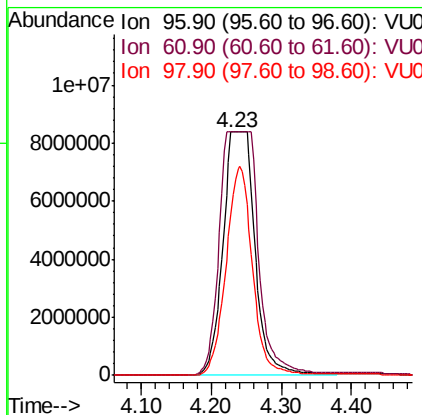
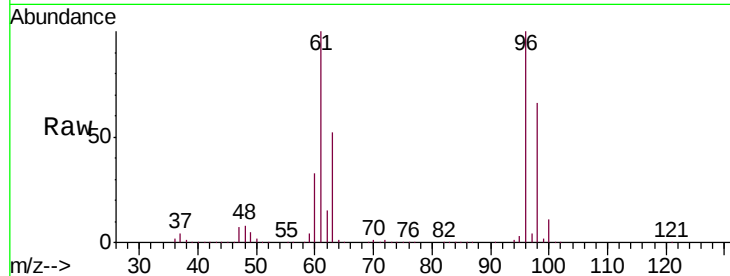
cis-1,2-Dichloroethene
 Concen: 16495.101 ug/l m
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU027176.D
 Acq: 26 Sep 2018 14:40

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-97-SEP18

Tgt Ion: 96 Resp:26483339
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 337.2
 98 0.0 0.0 127.6

Manual Integrations
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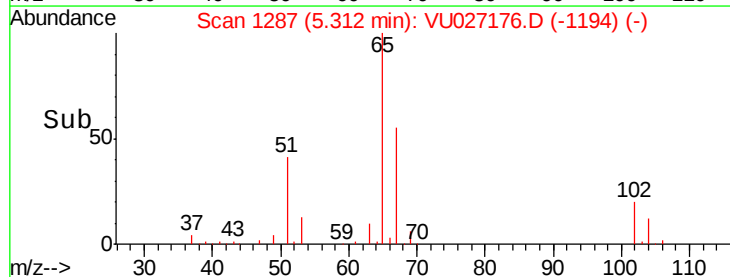
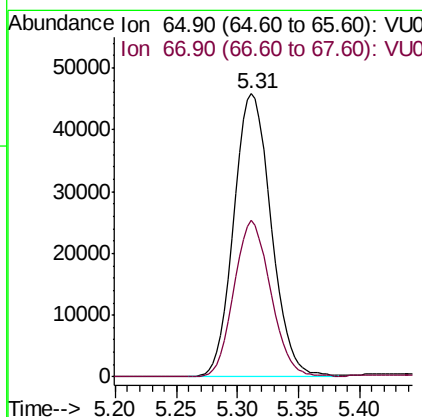
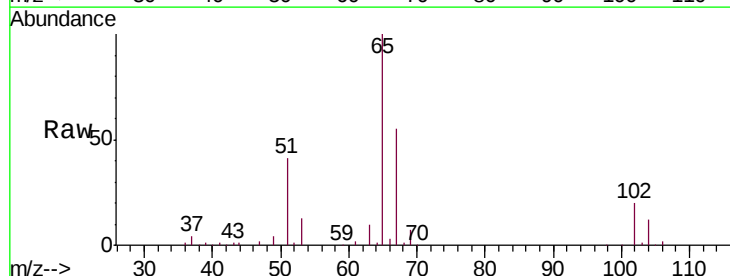
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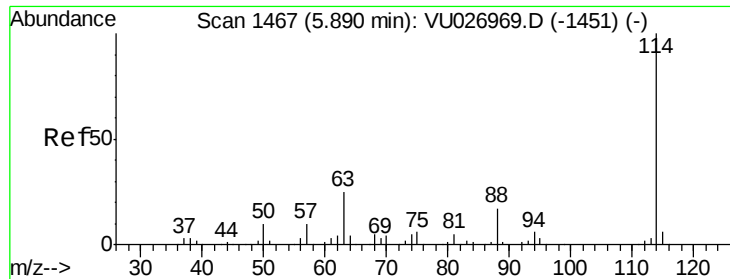


#33

1,2-Dichloroethane-d4
 Concen: 50.282 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027176.D
 Acq: 26 Sep 2018 14:40

Tgt Ion: 65 Resp: 97568
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 105.6





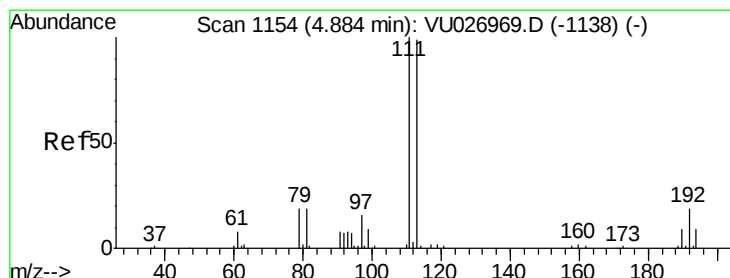
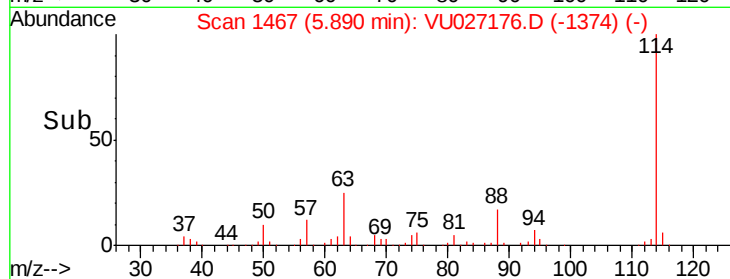
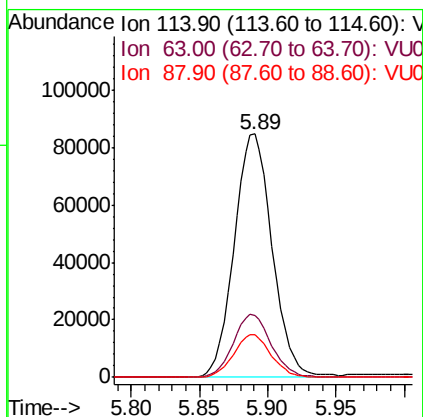
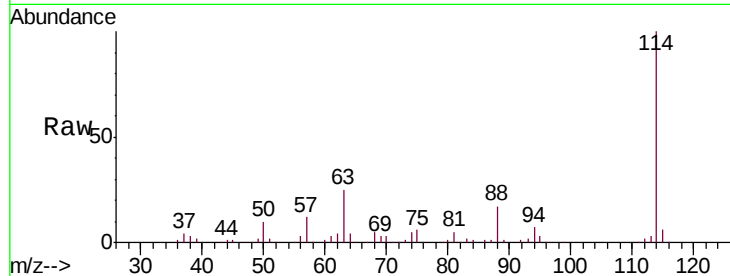
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027176.D
 Acq: 26 Sep 2018 14:40

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-97-SEP18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	163941		
63	25.5	0.0	49.2	
88	17.3	0.0	33.8	

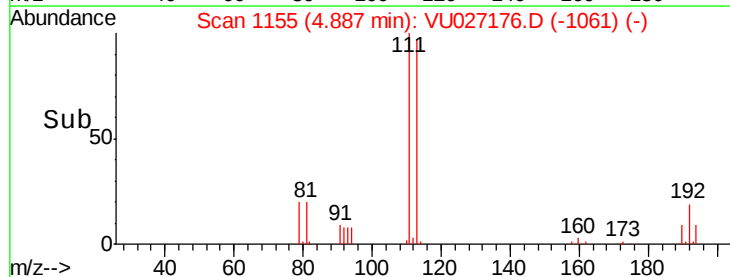
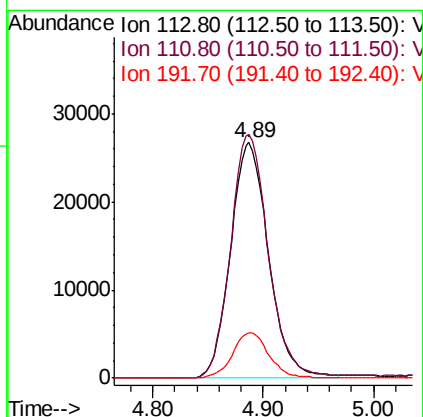
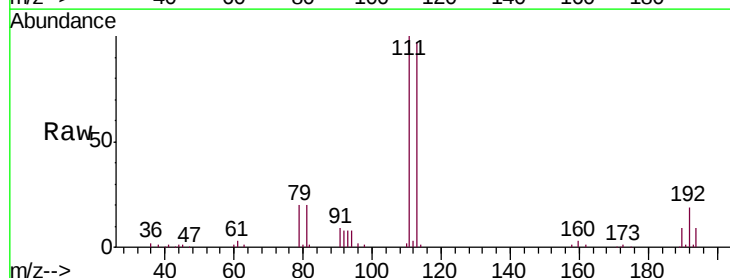
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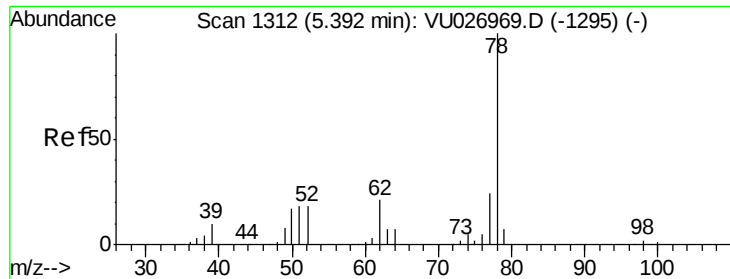
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#35
 Dibromofluoromethane
 Concen: 44.889 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027176.D
 Acq: 26 Sep 2018 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	63789		
111	102.9	82.2	123.4	
192	18.4	15.2	22.8	





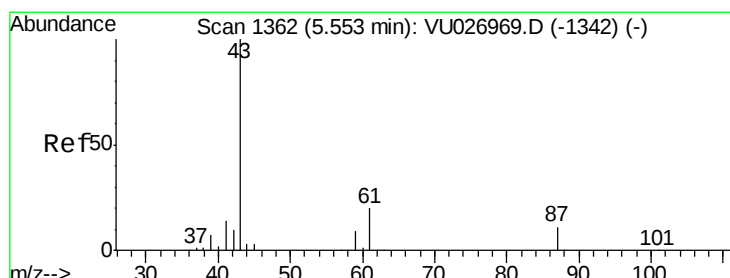
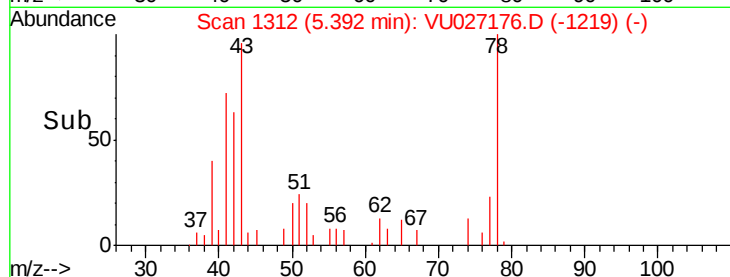
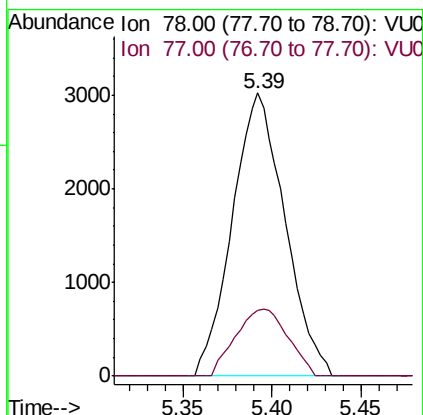
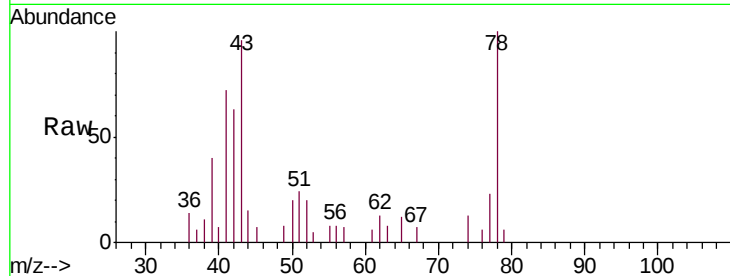
#40
Benzene
Concen: 0.933 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027176.D
Acq: 26 Sep 2018 14:40

Instrument :
MSVOA_U
ClientSampleId :
MW-97-SEP18

Tgt Ion: 78 Resp: 6209
Ion Ratio Lower Upper
78 100
77 23.3 19.4 29.0

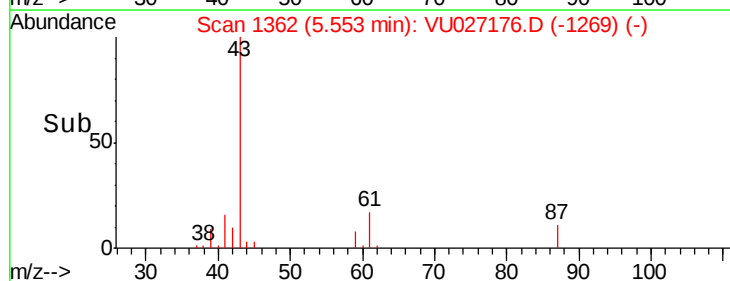
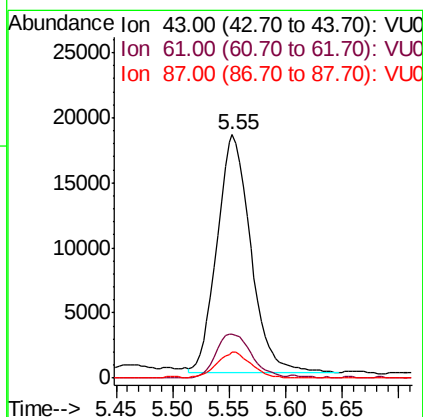
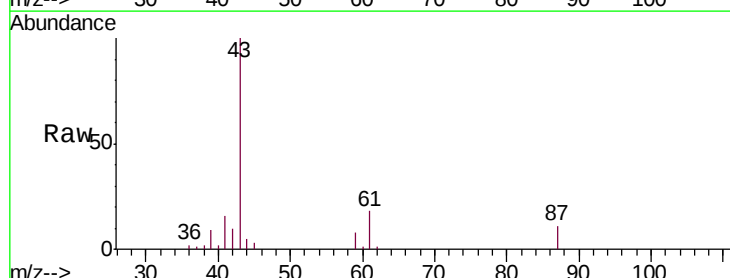
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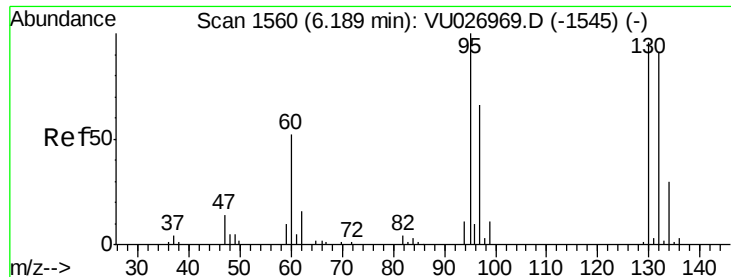
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#43
Isopropyl Acetate
Concen: 8.801 ug/l
RT: 5.55 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VU027176.D
Acq: 26 Sep 2018 14:40

Tgt Ion: 43 Resp: 38017
Ion Ratio Lower Upper
43 100
61 19.6 15.7 23.5
87 10.9 9.0 13.4





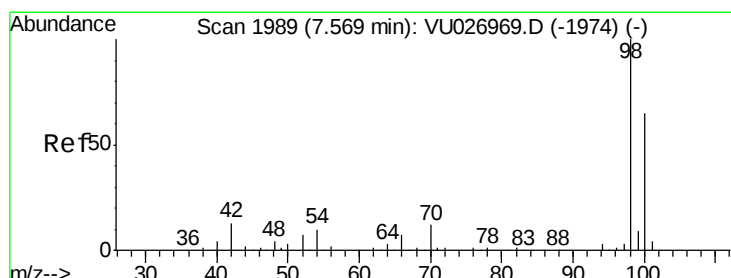
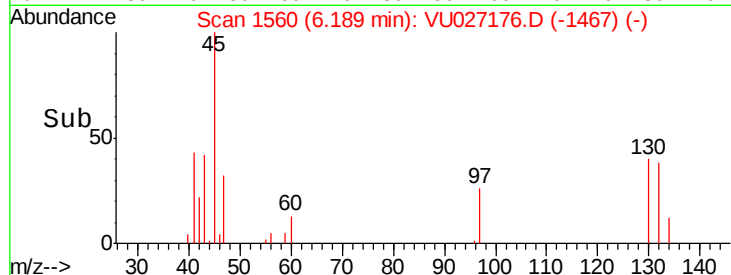
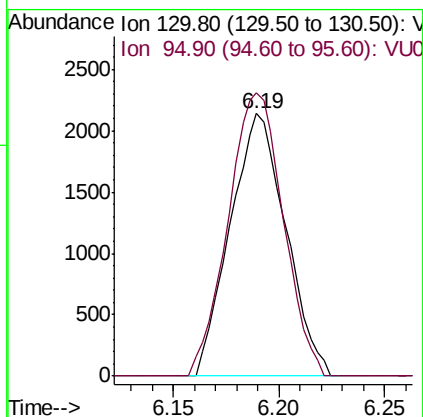
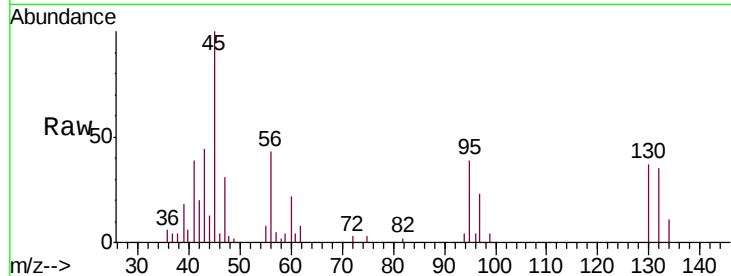
#44
 Trichloroethene
 Concen: 2.769 ug/l
 RT: 6.19 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: VU027176.D
 Acq: 26 Sep 2018 14:40

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-97-SEP18

Tgt Ion:130 Resp: 3921
 Ion Ratio Lower Upper
 130 100
 95 107.8 0.0 208.8

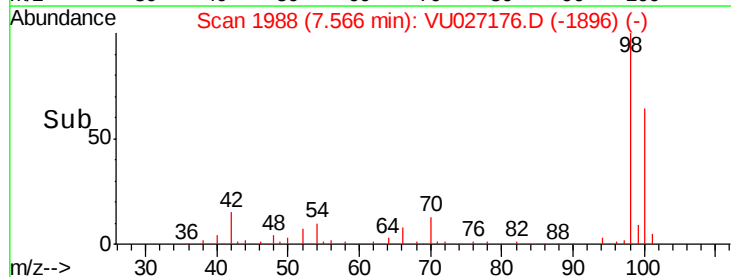
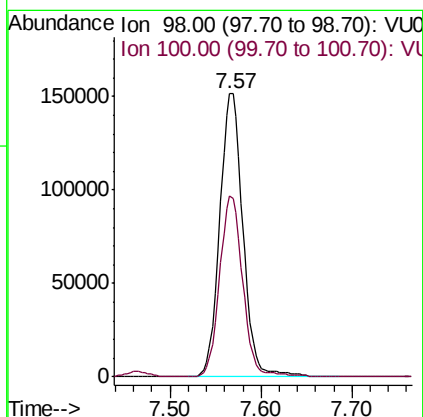
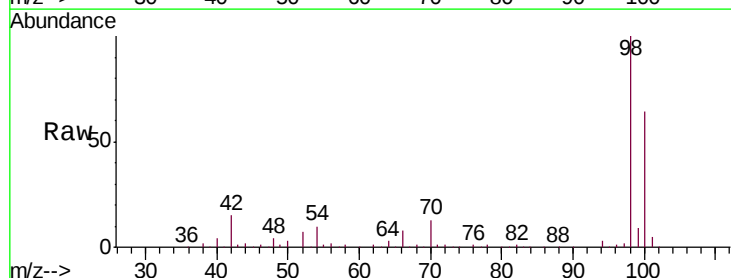
Manual Integrations
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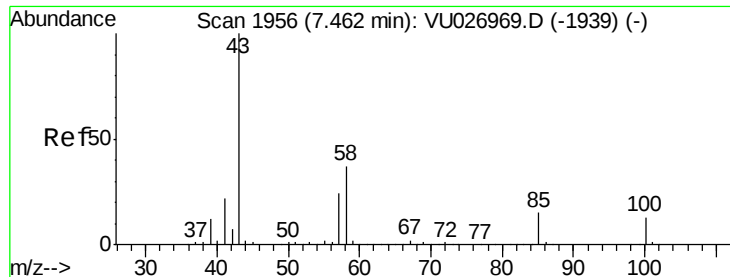
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#50
 Toluene-d8
 Concen: 49.667 ug/l
 RT: 7.57 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VU027176.D
 Acq: 26 Sep 2018 14:40

Tgt Ion: 98 Resp: 268980
 Ion Ratio Lower Upper
 98 100
 100 63.8 52.1 78.1





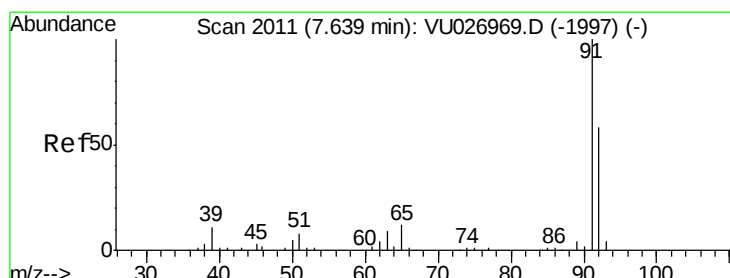
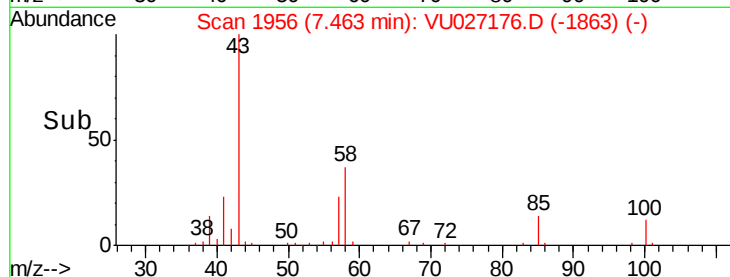
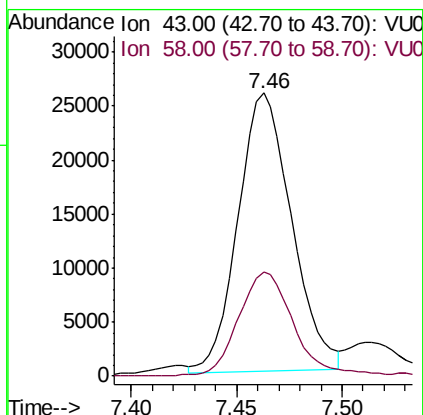
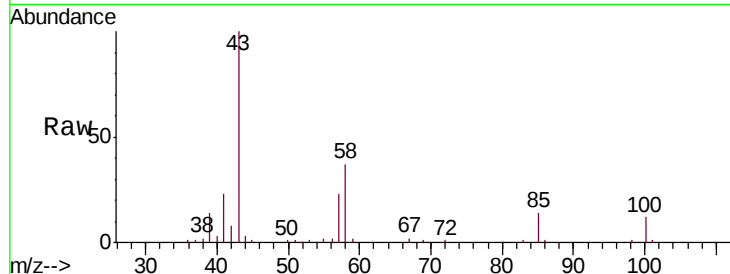
#51
4-Methyl-2-Pentanone
Concen: 15.715 ug/l
RT: 7.46 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VU027176.D
Acq: 26 Sep 2018 14:40

Instrument :
MSVOA_U
ClientSampleId :
MW-97-SEP18

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.2	29.8	44.6

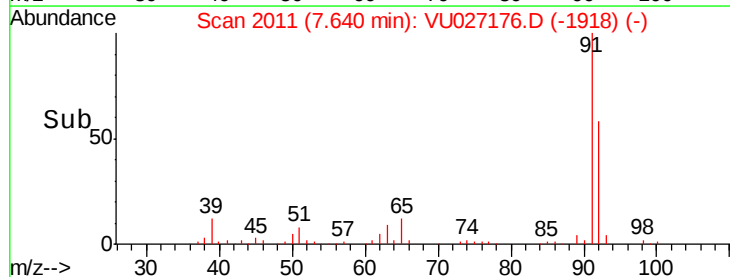
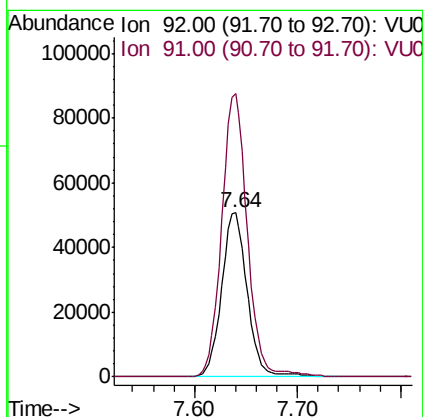
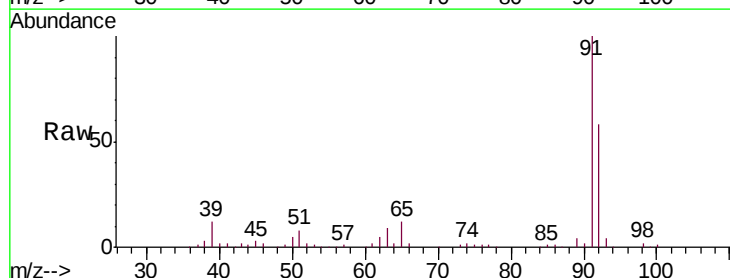
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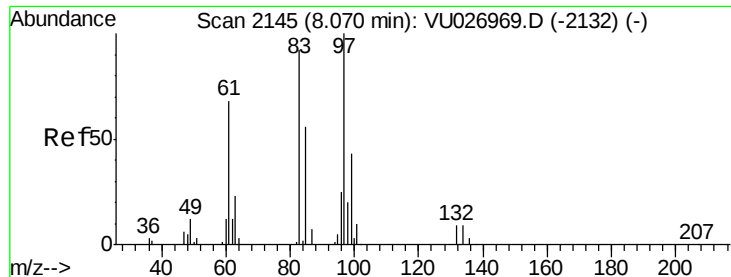
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#52
Toluene
Concen: 23.070 ug/l
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU027176.D
Acq: 26 Sep 2018 14:40

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.7	136.4	204.6





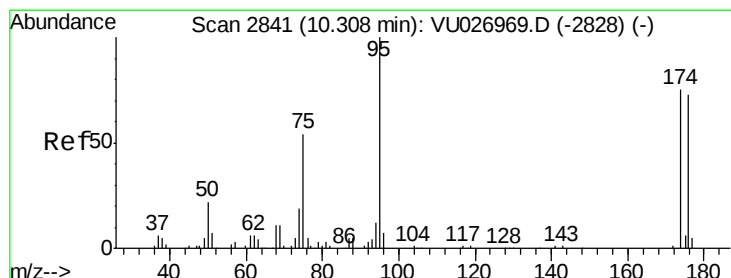
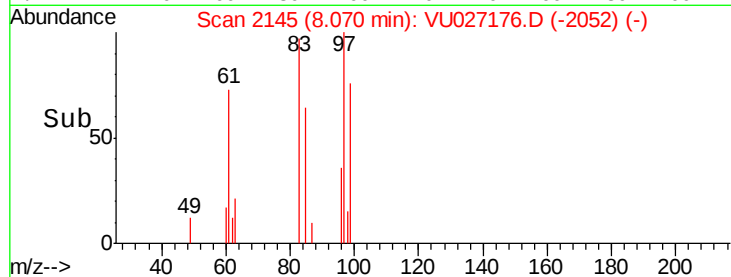
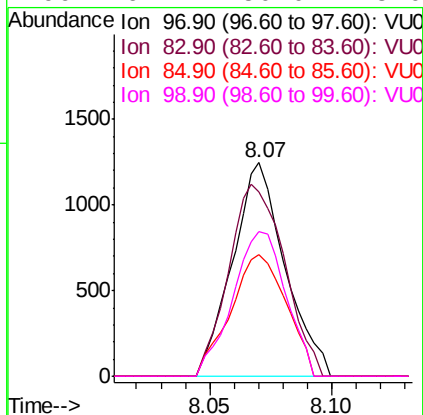
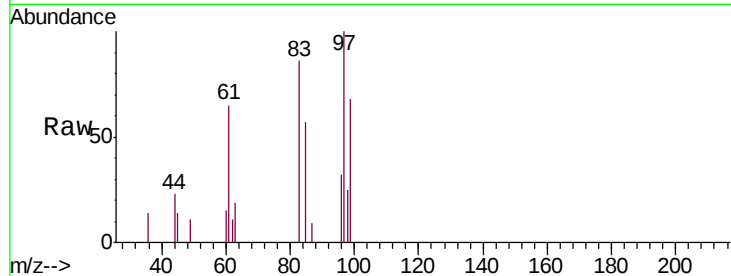
#55
 1,1,2-Trichloroethane
 Concen: 1.148 ug/l
 RT: 8.07 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: VU027176.D
 Acq: 26 Sep 2018 14:40

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-97-SEP18

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	1855		
83	86.1	73.1	109.7	
85	56.9	46.7	70.1	
99	67.7	50.0	75.0	

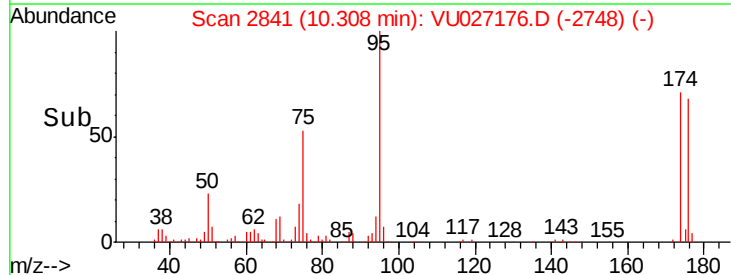
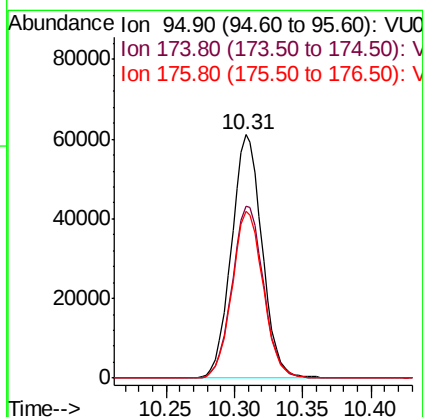
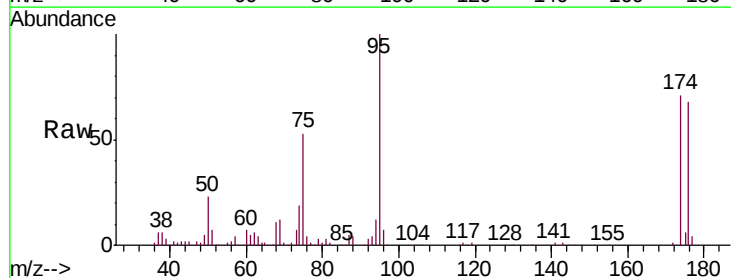
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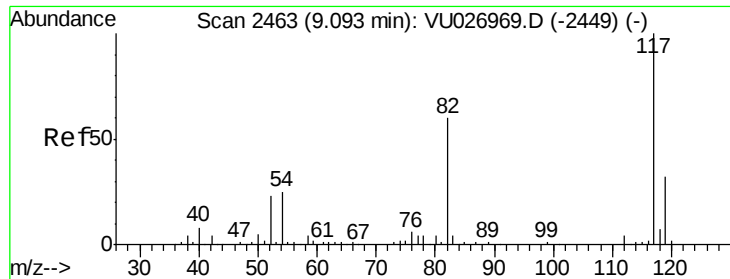
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#62
 4-Bromofluorobenzene
 Concen: 51.140 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027176.D
 Acq: 26 Sep 2018 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	95032		
174	72.3	0.0	150.2	
176	69.7	0.0	145.2	





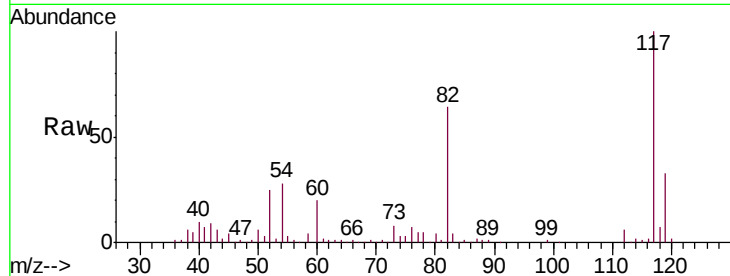
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027176.D
Acq: 26 Sep 2018 14:40

Instrument :
MSVOA_U
ClientSampleId :
MW-97-SEP18

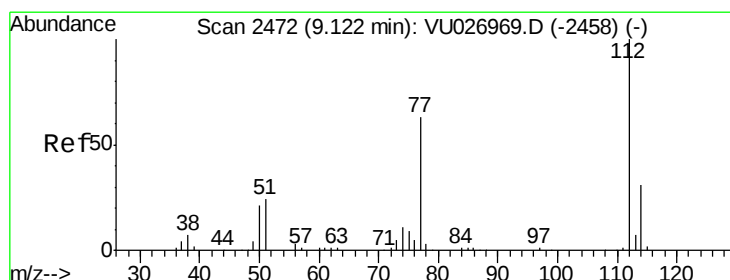
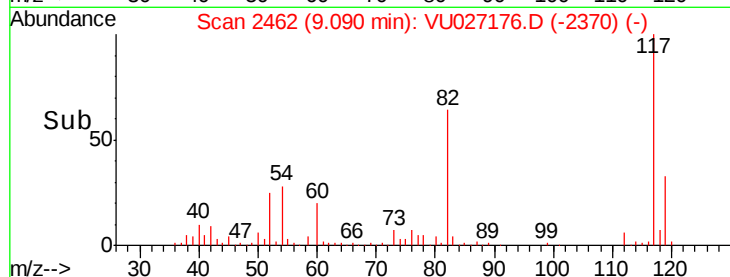
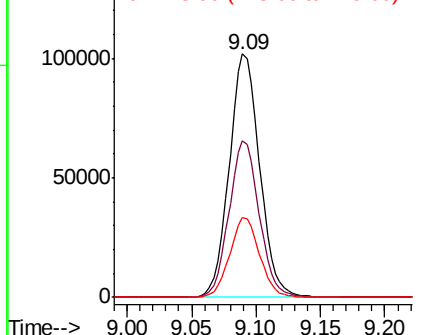
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	167052		
82	64.0	48.0	72.0	
119	32.6	25.8	38.8	

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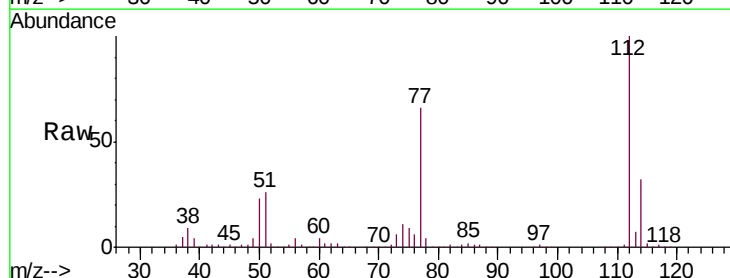


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

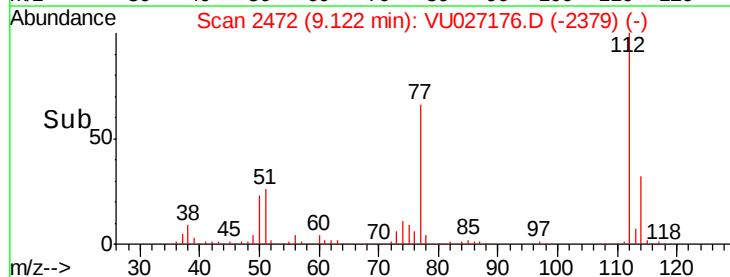
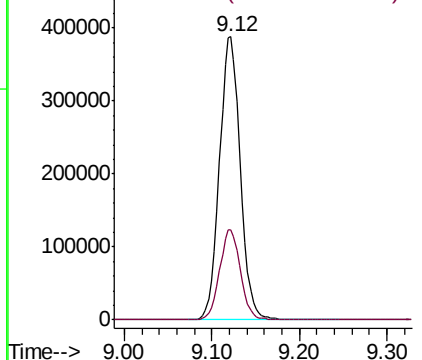


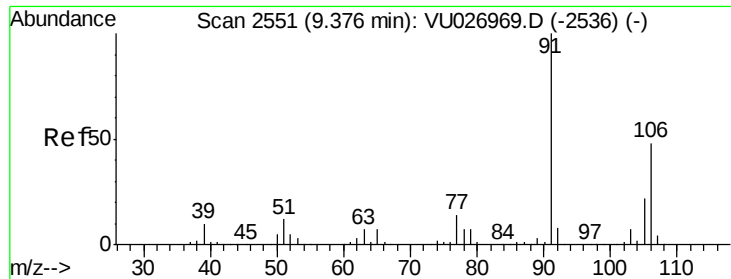
#65
Chlorobenzene
Concen: 144.020 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU027176.D
Acq: 26 Sep 2018 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	637920		
114	32.0	25.0	37.6	



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





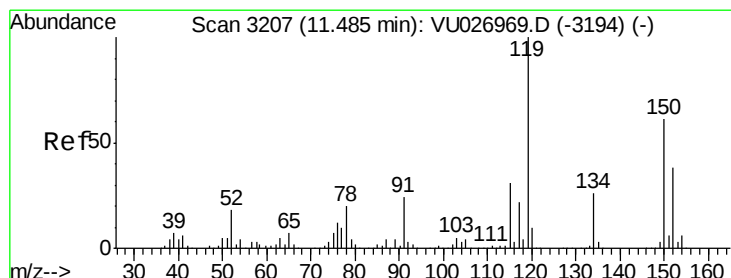
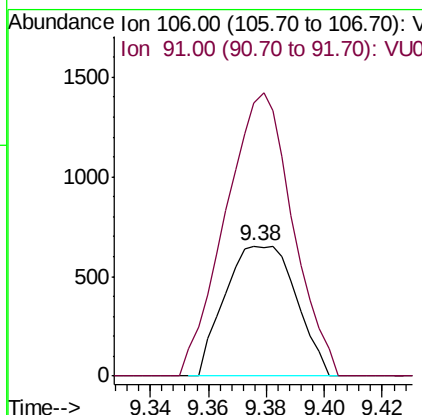
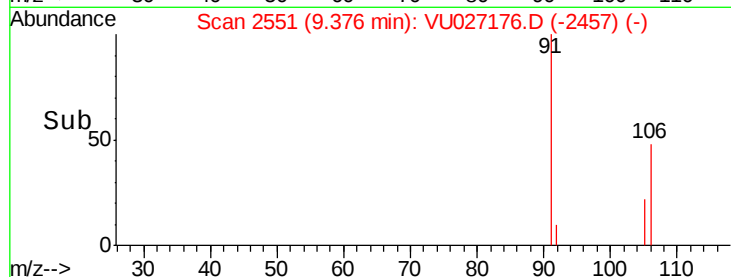
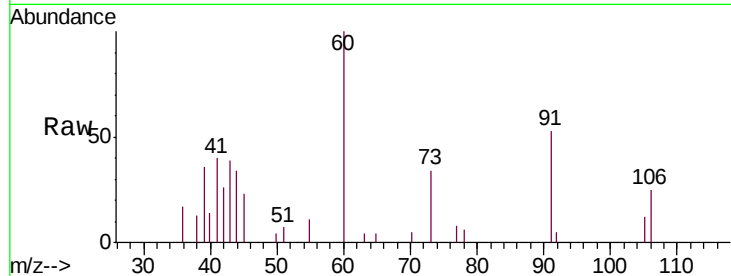
#68
m/p-Xylenes
Concen: 1.872 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027176.D
Acq: 26 Sep 2018 14:40

Instrument :
MSVOA_U
ClientSampleId :
MW-97-SEP18

Tgt Ion:106 Resp: 1113
Ion Ratio Lower Upper
106 100
91 205.0 166.5 249.7

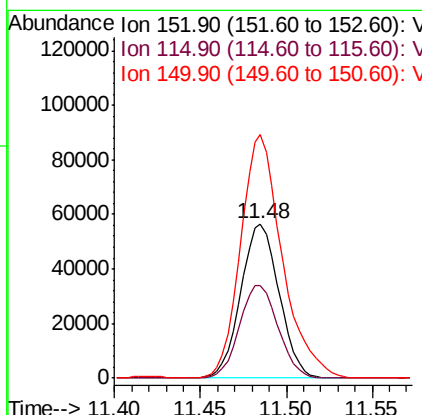
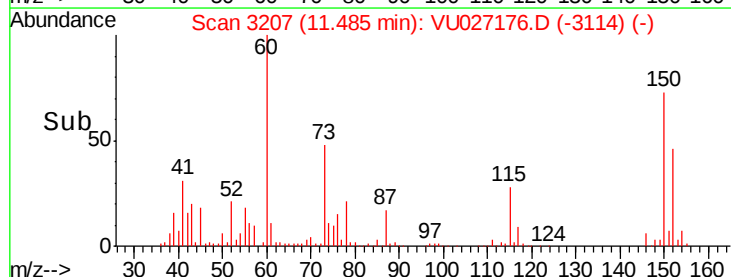
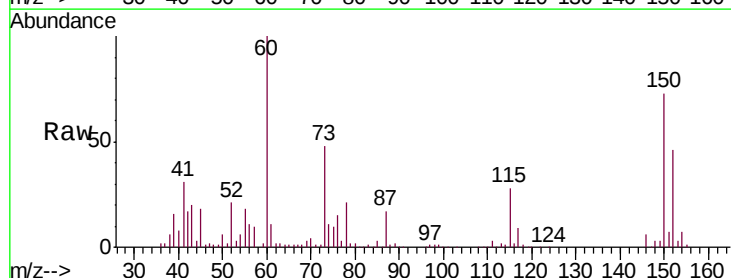
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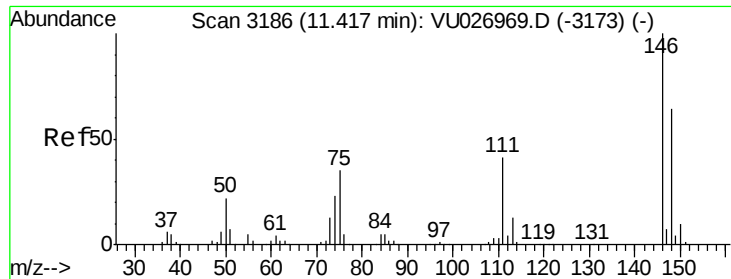
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027176.D
Acq: 26 Sep 2018 14:40

Tgt Ion:152 Resp: 87313
Ion Ratio Lower Upper
152 100
115 60.8 44.9 134.5
150 171.8 0.0 355.8





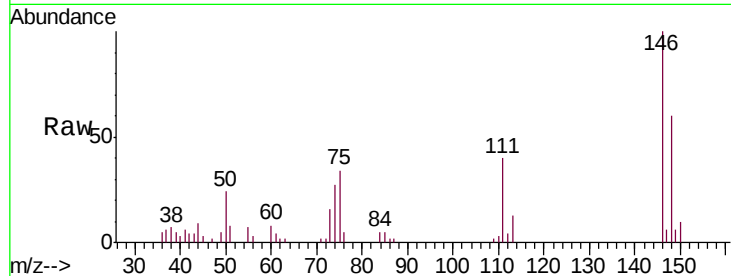
#87
 1,3-Dichlorobenzene
 Concen: 3.314 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027176.D
 Acq: 26 Sep 2018 14:40

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-97-SEP18

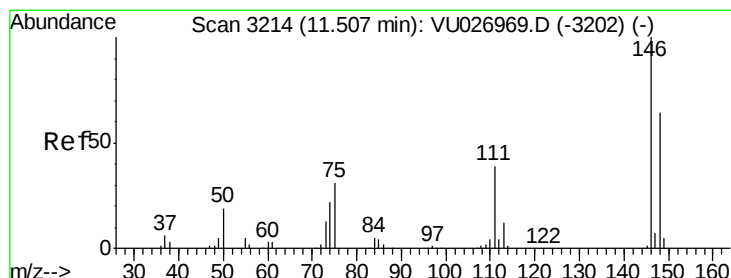
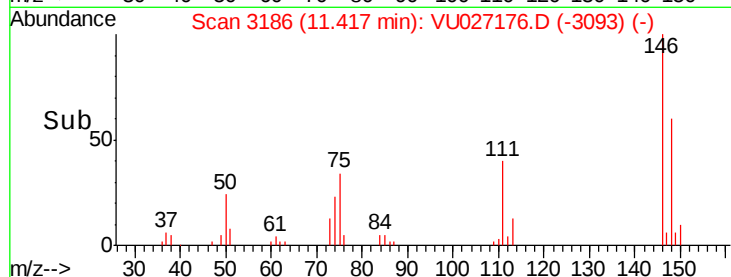
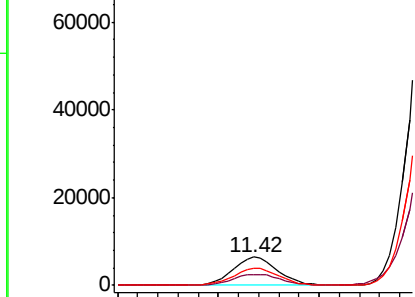
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.8	62.2
148	61.0	32.0	96.2

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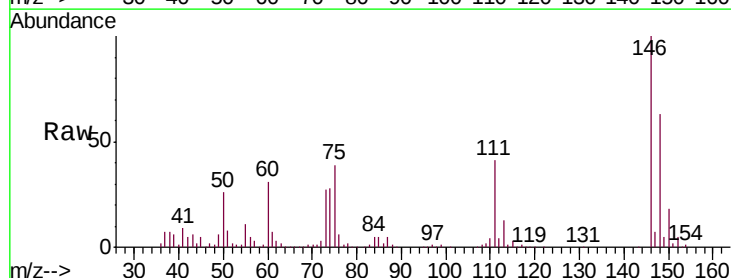


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

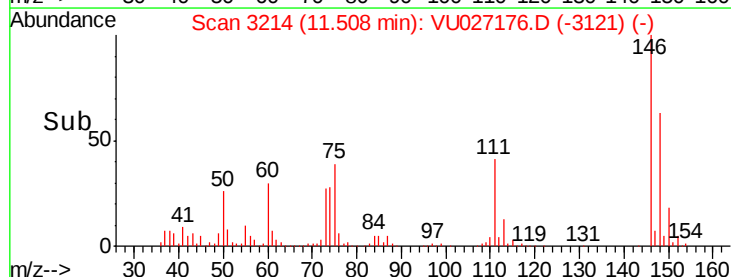
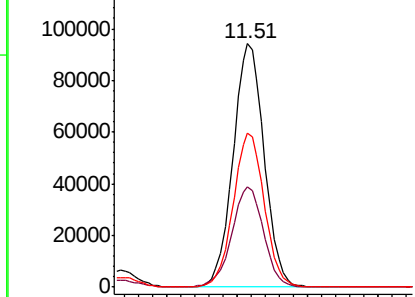


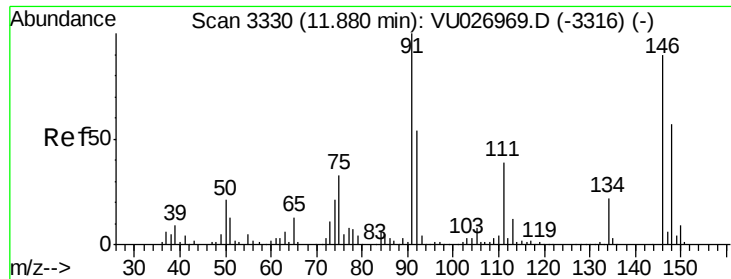
#88
 1,4-Dichlorobenzene
 Concen: 44.061 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027176.D
 Acq: 26 Sep 2018 14:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.3	60.9
148	63.4	31.9	95.9



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





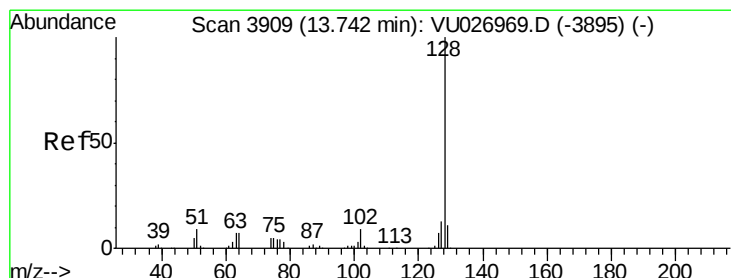
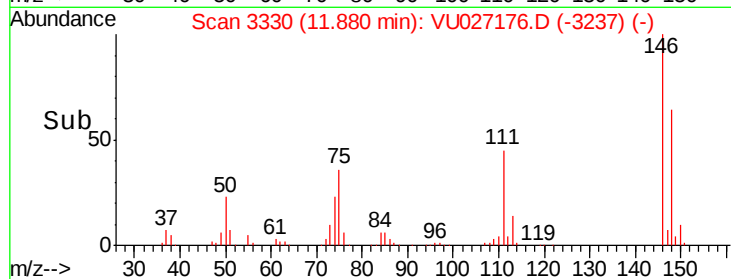
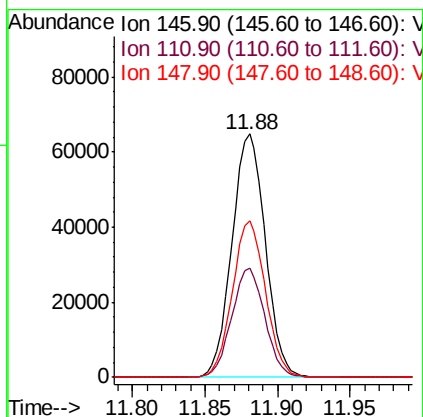
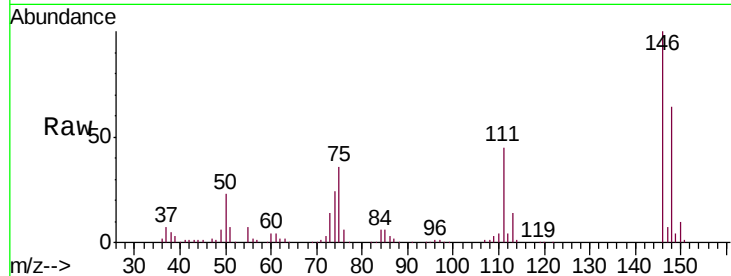
#91
 1,2-Dichlorobenzene
 Concen: 32.302 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027176.D
 Acq: 26 Sep 2018 14:40

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-97-SEP18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.8	65.3
148	63.7	31.9	95.7

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#95
 Naphthalene
 Concen: 2.174 ug/l
 RT: 13.75 min Scan# 3910
 Delta R.T. 0.00 min
 Lab File: VU027176.D
 Acq: 26 Sep 2018 14:40

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.6	15.8
129	7.9	8.6	12.8#

