

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101118\
 Data File : VU027590.D
 Acq On : 11 Oct 2018 11:51
 Operator : MD/SY
 Sample : J5164-07 0.2ppb
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Manual Integrations
 APPROVED

MMDadoda
 10/15/2018 1:01:26 PM

Quant Time: Oct 12 17:06:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U101118W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 11 10:41:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	119406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	202895	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	178508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	75758	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	94709	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
35) Dibromofluoromethane	4.88	113	66640	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
50) Toluene-d8	7.57	98	246681	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
62) 4-Bromofluorobenzene	10.31	95	80365	43.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.18%	

Target Compounds						Qvalue
3) Chloromethane	1.33	50	575	0.28	ug/l	95
4) Vinyl Chloride	1.40	62	431	0.23	ug/l #	87
7) Trichlorofluoromethane	1.88	101	513	0.24	ug/l #	78
8) Diethyl Ether	2.11	74	224	0.23	ug/l	97
14) Allyl chloride	2.60	41	602	0.20	ug/l #	78
15) Acrylonitrile	2.95	53	1217	1.14	ug/l #	89
16) Acetone	2.32	43	1860	1.65	ug/l #	89
17) Carbon Disulfide	2.48	76	2638	0.63	ug/l #	92
20) Methylene Chloride	2.70	84	367	0.23	ug/l #	81
21) trans-1,2-Dichloroethene	2.98	96	369	0.27	ug/l	86
23) Vinyl Acetate	3.54	43	4374	0.91	ug/l #	76
27) cis-1,2-Dichloroethene	4.24	96	324	0.22	ug/l #	77
30) Chloroform	4.68	83	562	0.21	ug/l	84
40) Benzene	5.39	78	1298	0.21	ug/l #	89
44) Trichloroethene	6.19	130	311	0.23	ug/l	84
51) 4-Methyl-2-Pentanone	7.47	43	2743	0.95	ug/l #	83
52) Toluene	7.64	92	826	0.23	ug/l	91
58) 2-Chloroethyl Vinyl ether	7.14	63	1052	6.25	ug/l #	87
59) 2-Hexanone	8.38	43	2067	0.92	ug/l	91
65) Chlorobenzene	9.12	112	955	0.26	ug/l	92
67) Ethyl Benzene	9.25	91	1496	0.24	ug/l	96
68) m/p-Xylenes	9.38	106	1009	0.44	ug/l	98
70) Styrene	9.80	104	735	1.43	ug/l	93
73) Isopropylbenzene	10.17	105	1207	0.24	ug/l	81
75) 1,1,2,2-Tetrachloroethane	10.47	83	510	0.23	ug/l #	52
77) Bromobenzene	10.46	156	349	0.28	ug/l	69
78) n-propylbenzene	10.59	91	1403	0.23	ug/l	90
79) 2-Chlorotoluene	10.67	91	1018	0.27	ug/l	85
82) 4-Chlorotoluene	10.78	91	1272	0.30	ug/l	93
83) tert-Butylbenzene	11.10	119	928	0.22	ug/l	91
84) 1,2,4-Trimethylbenzene	11.15	105	1003	0.21	ug/l	89
86) p-Isopropyltoluene	11.48	119	865	0.66	ug/l #	80
87) 1,3-Dichlorobenzene	11.42	146	783	0.34	ug/l	94
88) 1,4-Dichlorobenzene	11.51	146	1071m	0.44	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	11.89	91	883	1.75	ug/l #	86
91) 1,2-Dichlorobenzene	11.89	146	712	0.30	ug/l	84

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

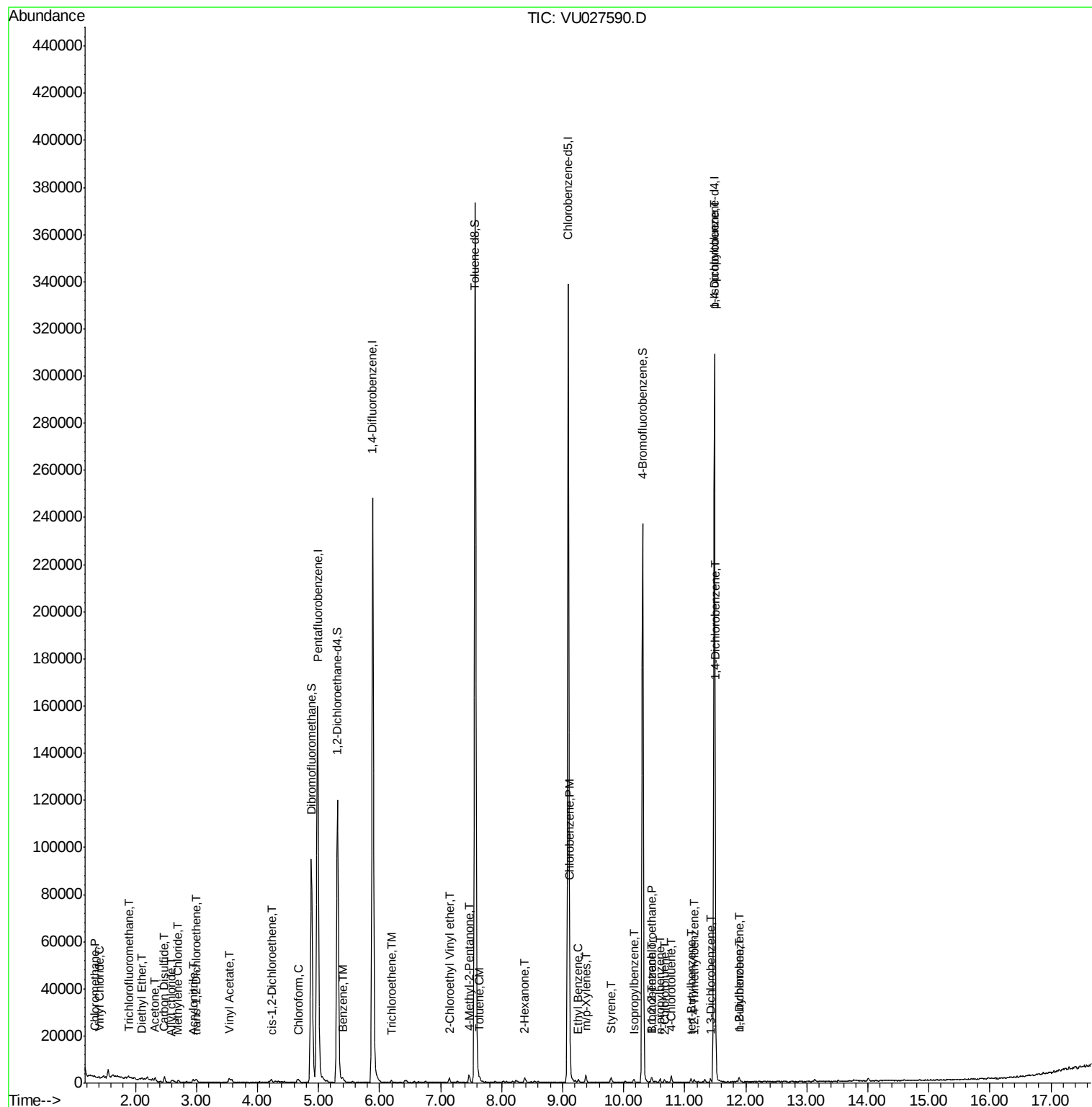
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU101118\
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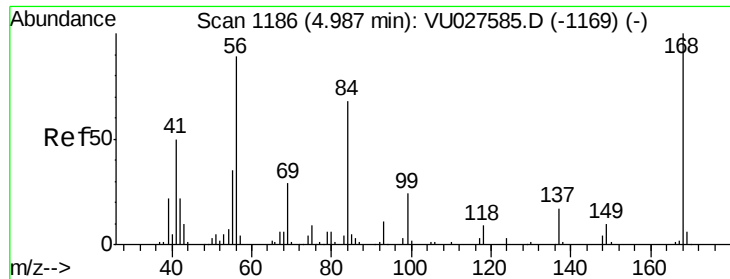
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027590.D

Acq: 11 Oct 2018 11:51

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tgt Ion:168 Resp: 119406

Ion Ratio Lower Upper

168 100

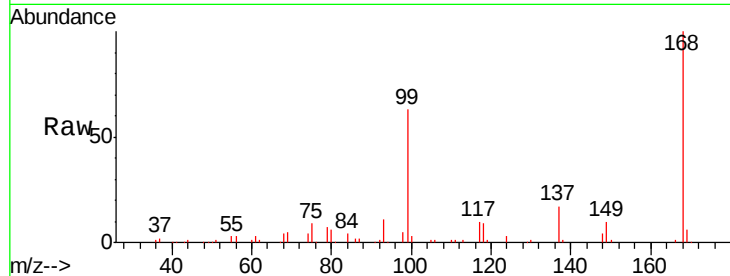
99 63.3 50.8 76.2

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Abundance Ion 167.90 (167.60 to 168.60): VU027585.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027590.D (-1093) (-)

4.98

50000

40000

30000

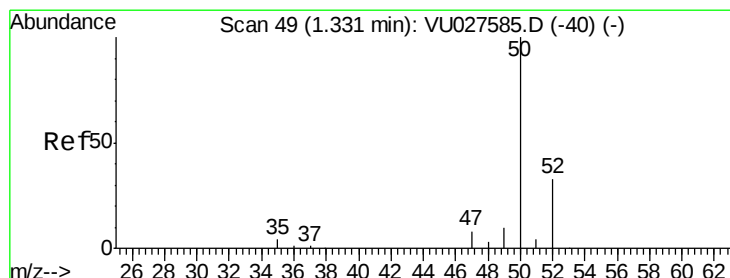
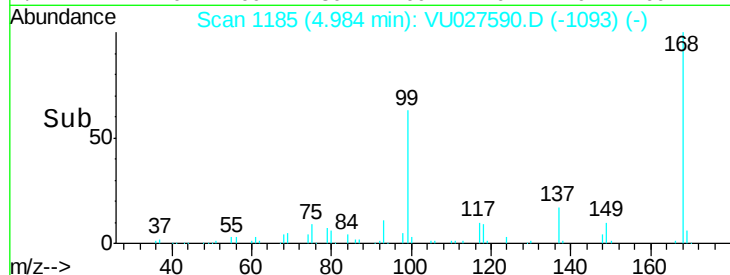
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#3

Chloromethane

Concen: 0.28 ug/l

RT: 1.33 min Scan# 49

Delta R.T. -0.00 min

Lab File: VU027590.D

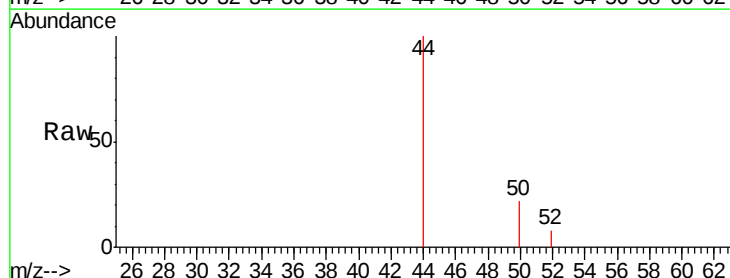
Acq: 11 Oct 2018 11:51

Tgt Ion: 50 Resp: 575

Ion Ratio Lower Upper

50 100

52 35.8 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VU027585.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU027590.D (-1) (-)

1.33

600

500

400

300

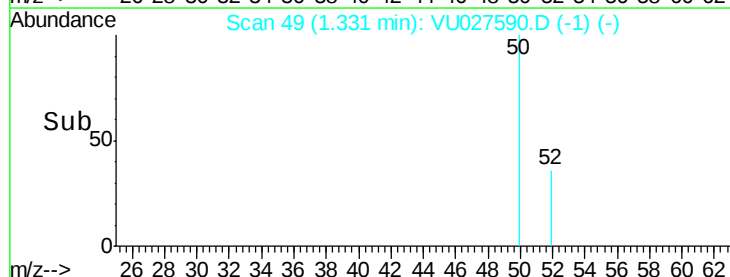
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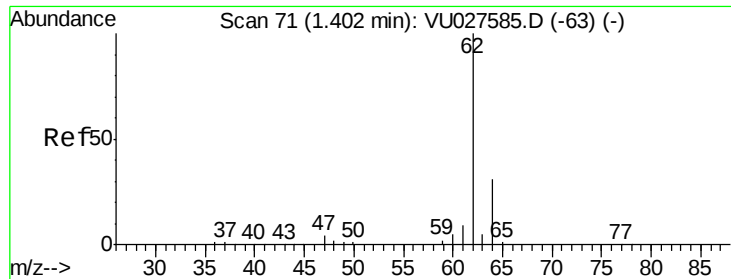
100

0

1.30 1.32 1.34 1.36

Time-->





#4

Vinyl Chloride

Concen: 0.23 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027590.D

Acq: 11 Oct 2018 11:51

Instrument :

MSVOA_U

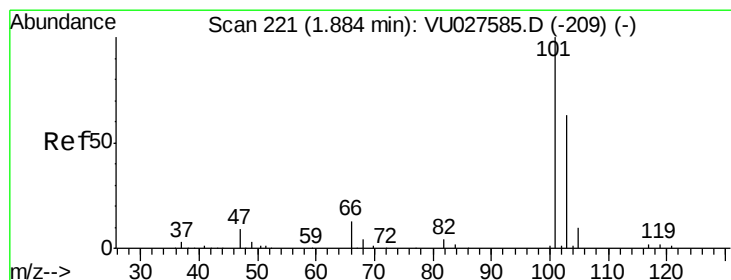
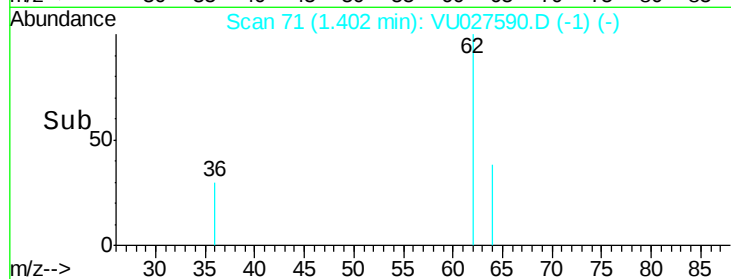
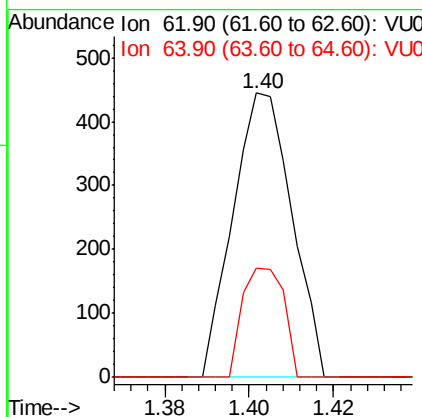
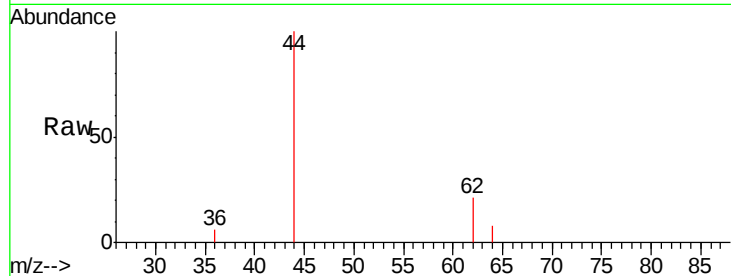
ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 62 Resp: 431
 Ion Ratio Lower Upper
 62 100
 64 38.2 24.9 37.3#

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#7

Trichlorofluoromethane

Concen: 0.24 ug/l

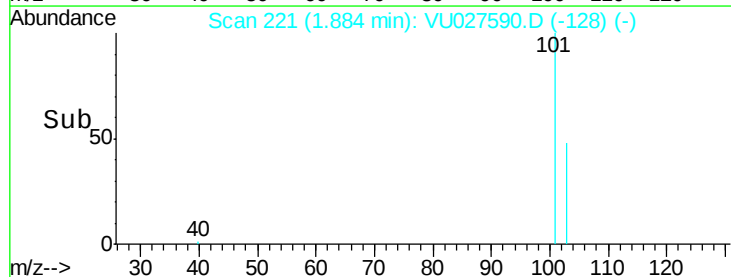
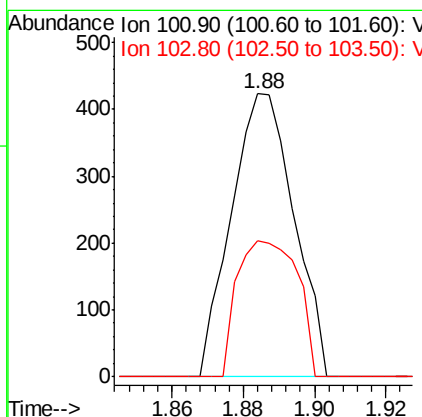
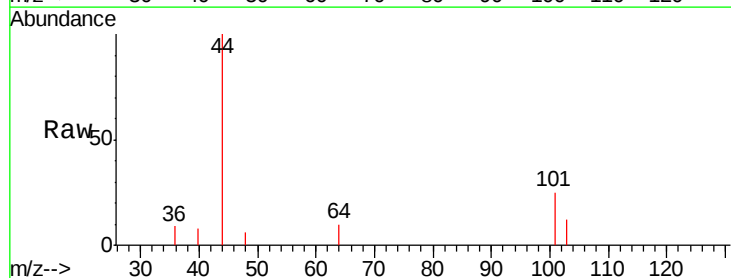
RT: 1.88 min Scan# 221

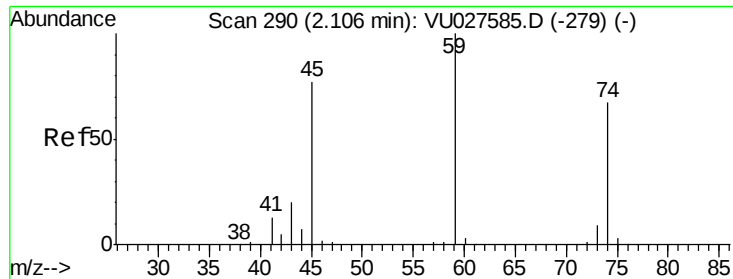
Delta R.T. -0.00 min

Lab File: VU027590.D

Acq: 11 Oct 2018 11:51

Tgt Ion: 101 Resp: 513
 Ion Ratio Lower Upper
 101 100
 103 48.0 52.6 78.8#





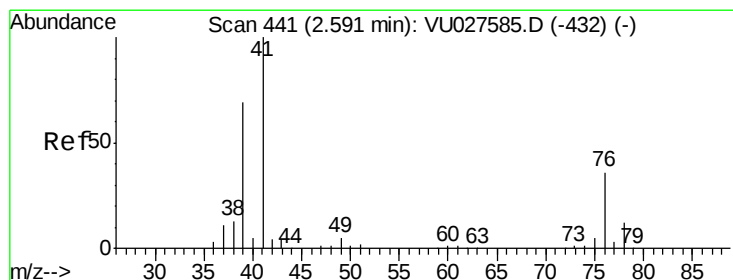
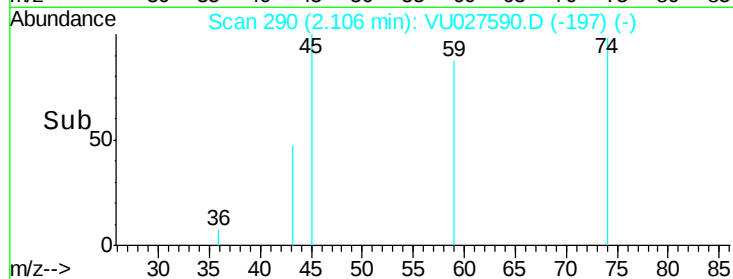
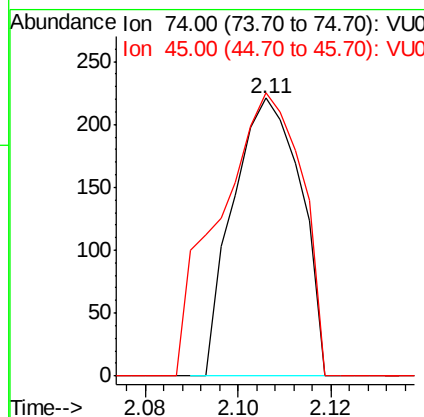
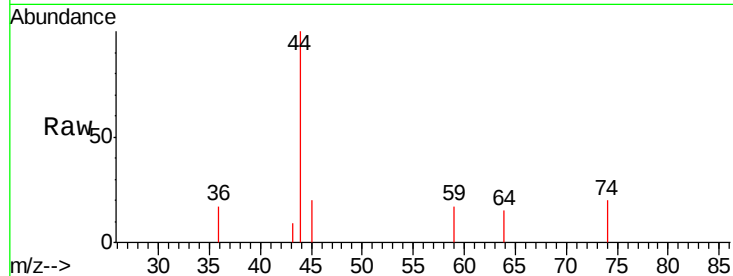
#8
 Diethyl Ether
 Concen: 0.23 ug/l
 RT: 2.11 min Scan# 290
 Delta R.T. -0.00 min
 Lab File: VU027590.D
 Acq: 11 Oct 2018 11:51

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 74 Resp: 224
 Ion Ratio Lower Upper
 74 100
 45 124.6 60.4 181.1

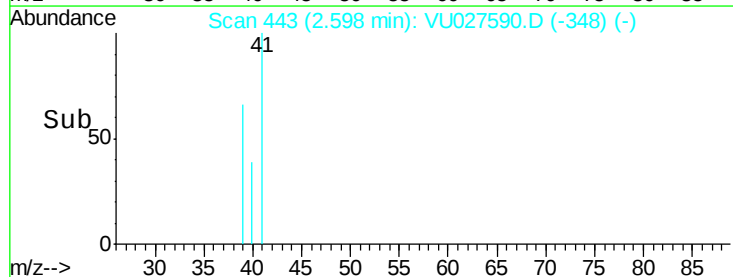
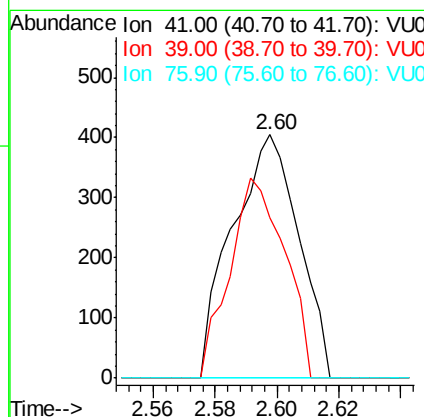
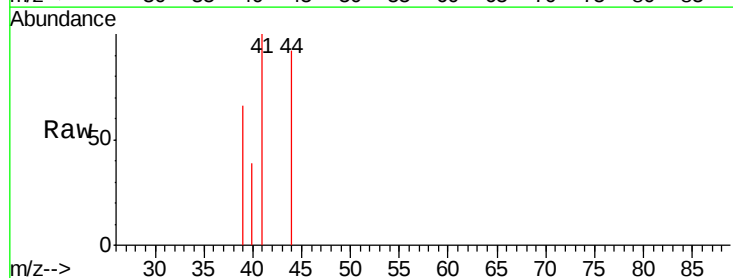
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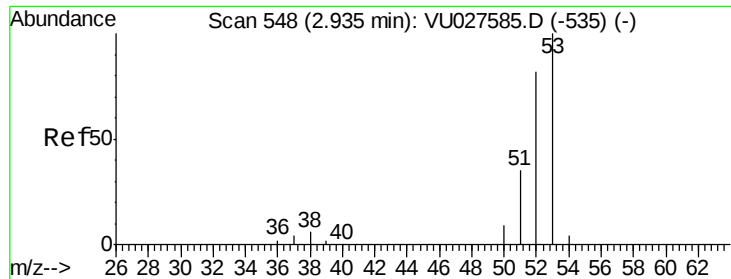
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#14
 Allyl chloride
 Concen: 0.20 ug/l
 RT: 2.60 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: VU027590.D
 Acq: 11 Oct 2018 11:51

Tgt Ion: 41 Resp: 602
 Ion Ratio Lower Upper
 41 100
 39 68.1 51.8 77.8
 76 0.0 25.9 38.9#





#15

Acrylonitrile

Concen: 1.14 ug/l

RT: 2.95 min Scan# 551

Delta R.T. 0.01 min

Lab File: VU027590.D

Acq: 11 Oct 2018 11:51

Instrument :

MSVOA_U

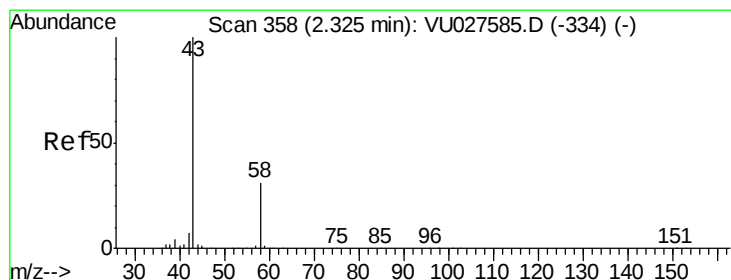
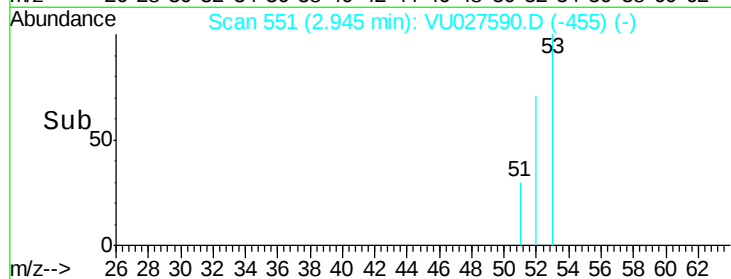
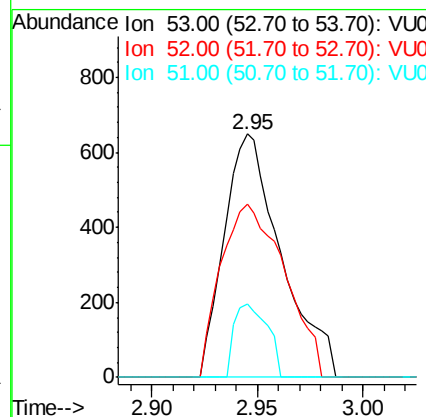
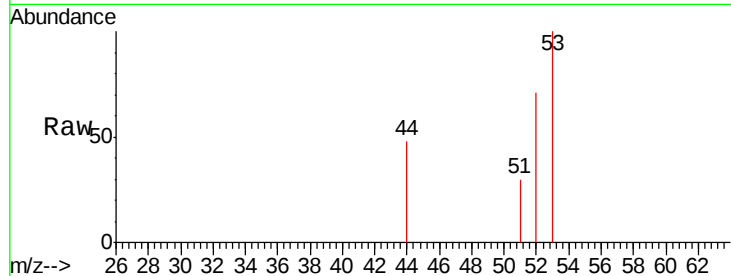
ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tgt Ion:	53	Resp:	1217
Ion	Ratio	Lower	Upper
53	100		
52	79.8	66.5	99.7
51	17.6	27.6	41.4#

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#16

Acetone

Concen: 1.65 ug/l

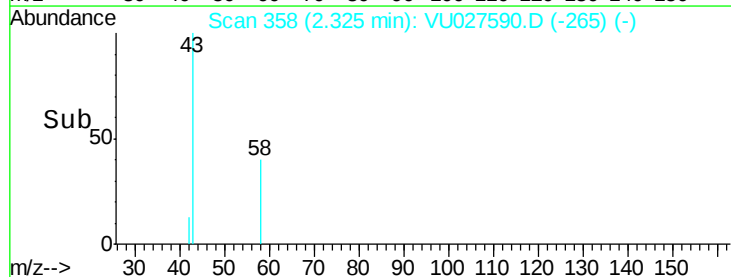
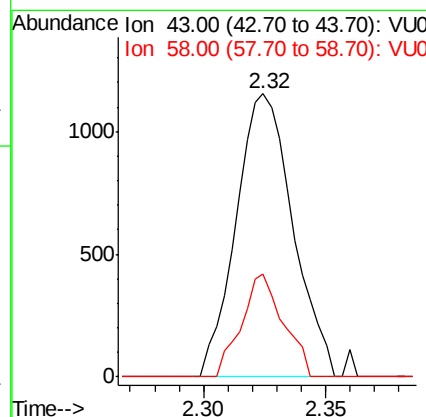
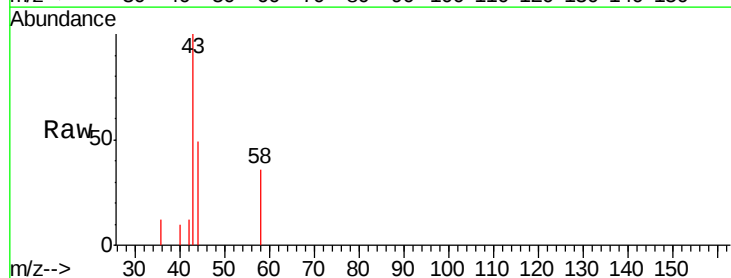
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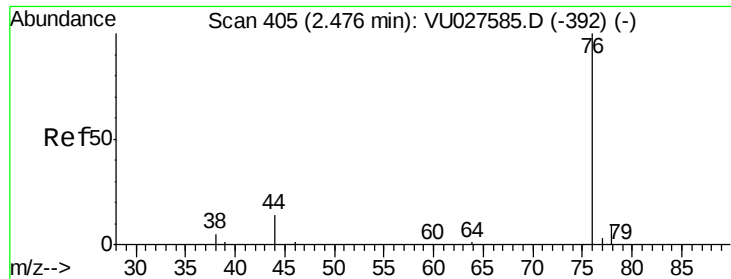
Delta R.T. -0.00 min

Lab File: VU027590.D

Acq: 11 Oct 2018 11:51

Tgt Ion:	43	Resp:	1860
Ion	Ratio	Lower	Upper
43	100		
58	36.4	24.2	36.4#





#17

Carbon Disulfide

Concen: 0.63 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU027590.D

Acq: 11 Oct 2018 11:51

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 76 Resp: 2638

Ion Ratio Lower Upper

76 100

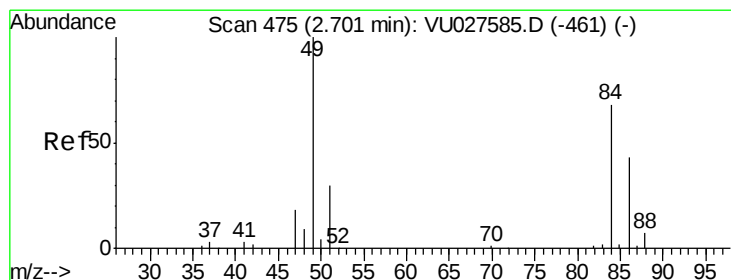
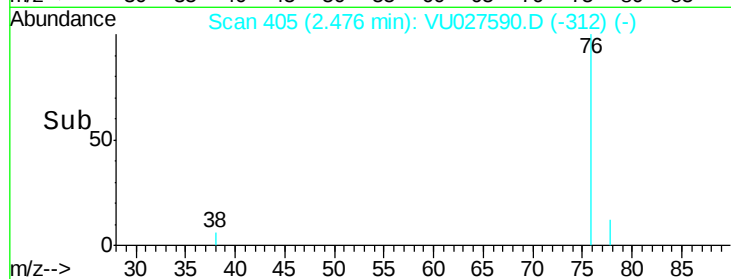
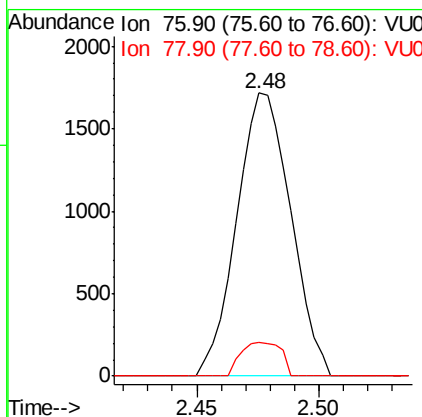
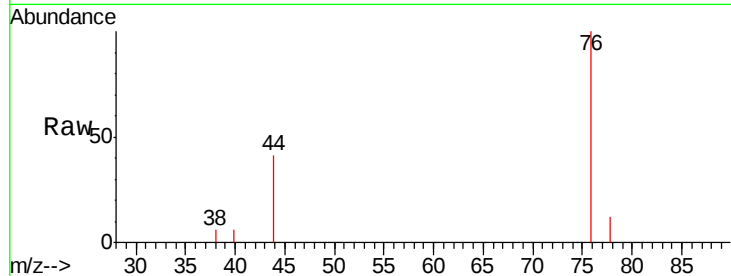
78 12.1 7.3 10.9#

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#20

Methylene Chloride

Concen: 0.23 ug/l

RT: 2.70 min Scan# 475

Delta R.T. -0.00 min

Lab File: VU027590.D

Acq: 11 Oct 2018 11:51

Tgt Ion: 84 Resp: 367

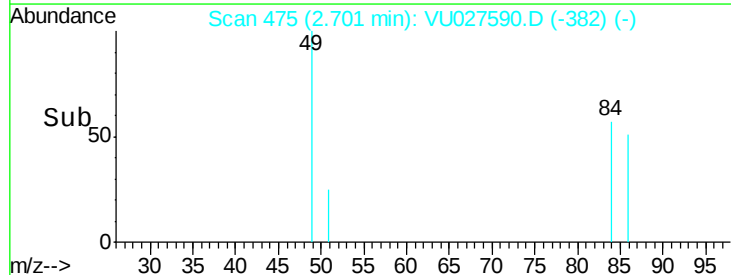
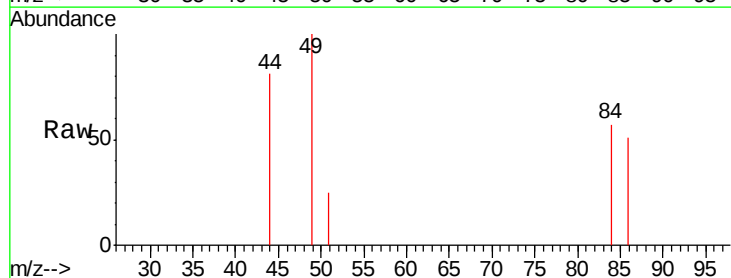
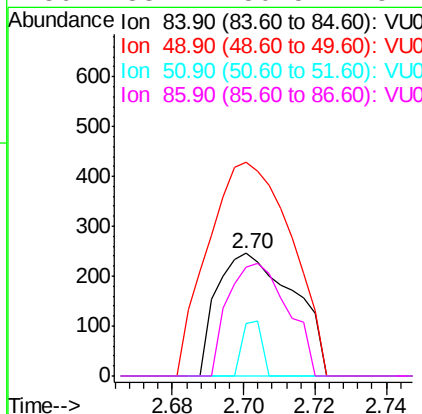
Ion Ratio Lower Upper

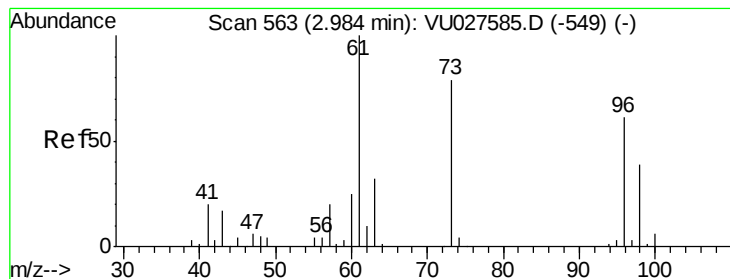
84 100

49 174.0 120.5 180.7

51 43.1 35.1 52.7

86 88.2 50.5 75.7#





#21

trans-1,2-Dichloroethene

Concen: 0.27 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU027590.D

Acq: 11 Oct 2018 11:51

Instrument :

MSVOA_U

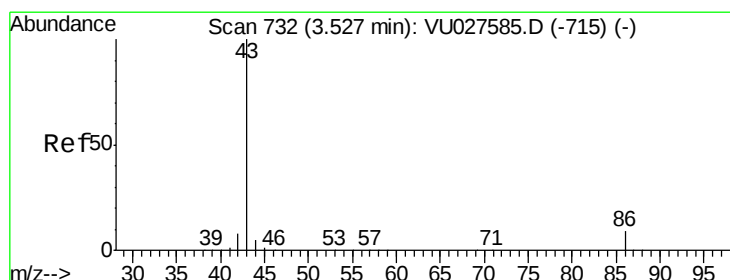
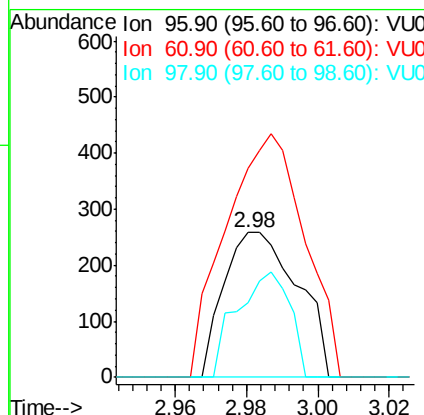
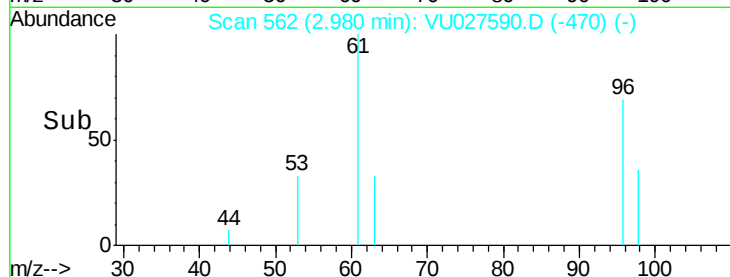
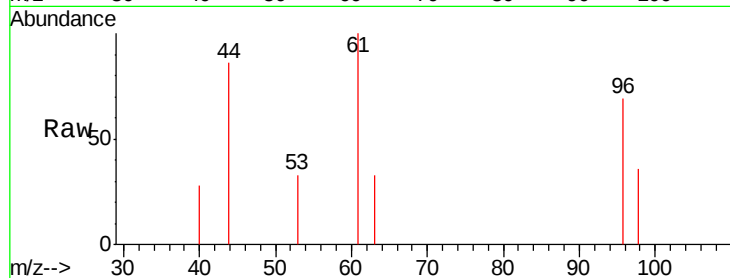
ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tgt Ion:	96	Resp:	369
Ion	Ratio	Lower	Upper
96	100		
61	144.6	129.4	194.2
98	51.9	51.2	76.8

Manual Integrations
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#23

Vinyl Acetate

Concen: 0.91 ug/l

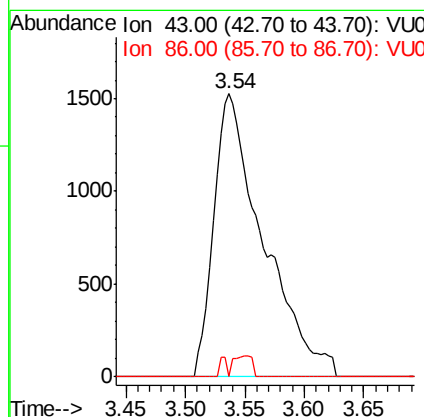
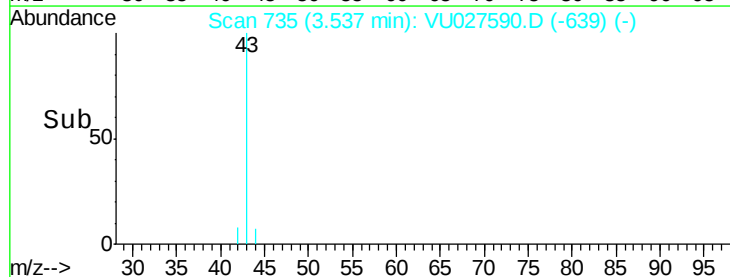
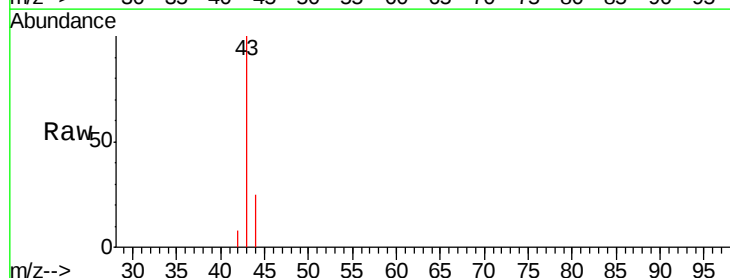
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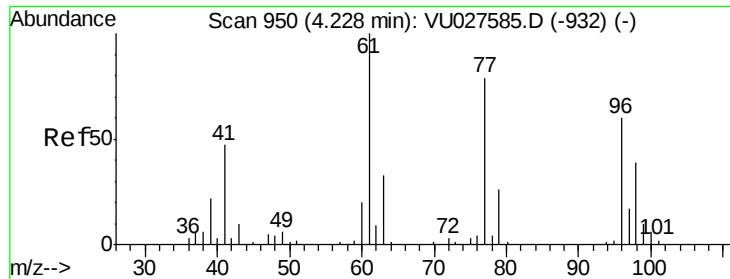
Delta R.T. 0.01 min

Lab File: VU027590.D

Acq: 11 Oct 2018 11:51

Tgt Ion:	43	Resp:	4374
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.0	10.4#





#27

cis-1,2-Dichloroethene

Concen: 0.22 ug/l

RT: 4.24 min Scan# 954

Delta R.T. 0.01 min

Lab File: VU027590.D

Acq: 11 Oct 2018 11:51

Instrument :

MSVOA_U

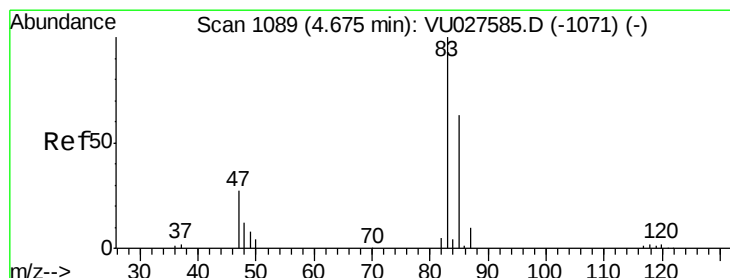
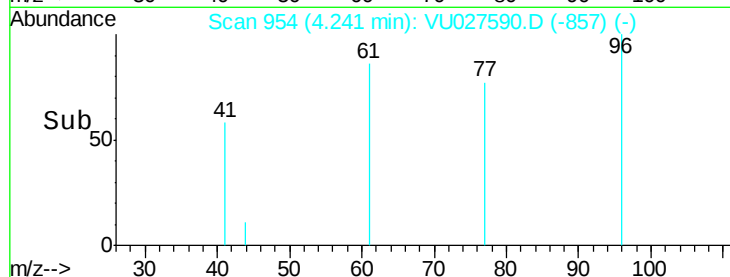
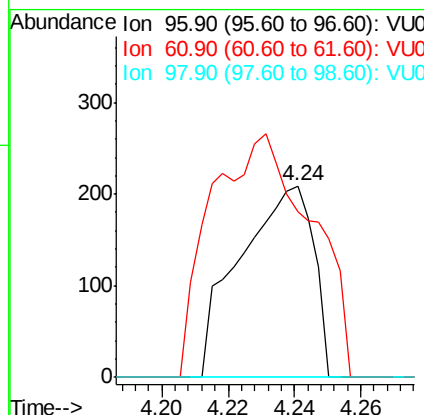
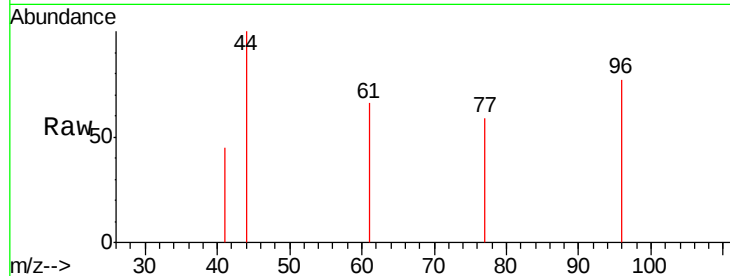
ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tgt Ion:	96	Resp:	324
Ion	Ratio	Lower	Upper
96	100		
61	171.6	0.0	343.8
98	0.0	0.0	129.0

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#30

Chloroform

Concen: 0.21 ug/l

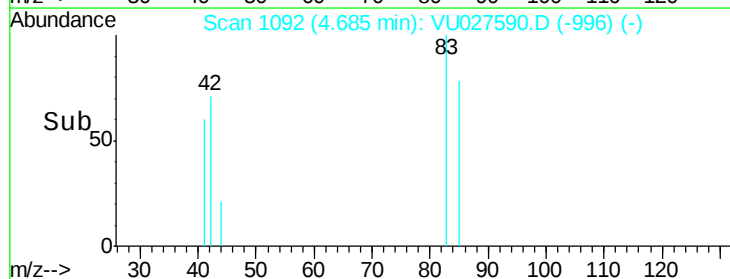
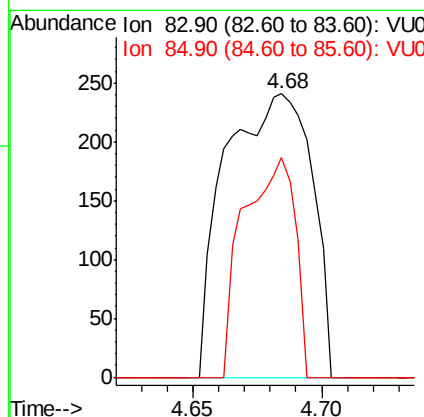
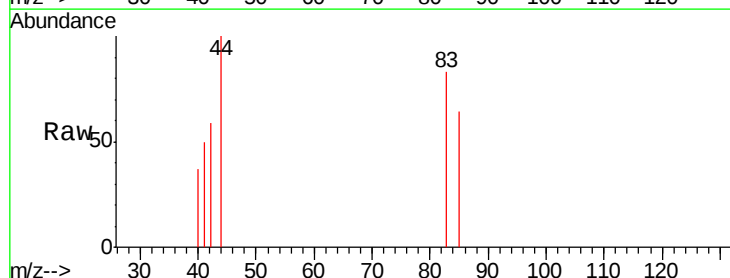
RT: 4.68 min Scan# 1092

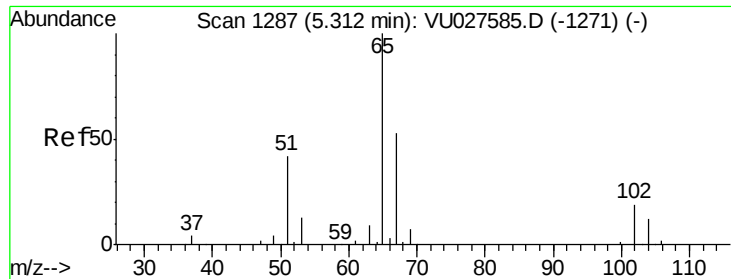
Delta R.T. 0.01 min

Lab File: VU027590.D

Acq: 11 Oct 2018 11:51

Tgt Ion:	83	Resp:	562
Ion	Ratio	Lower	Upper
83	100		
85	77.6	51.8	77.6





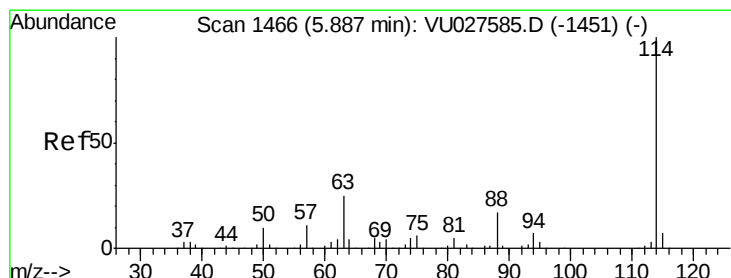
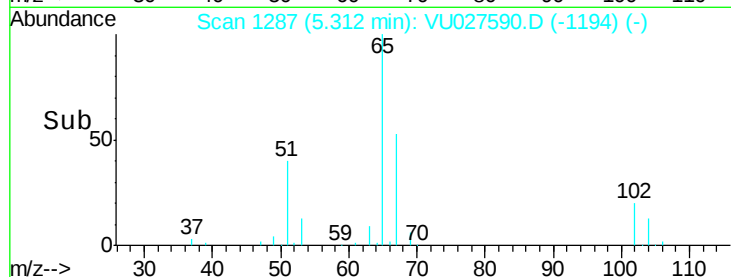
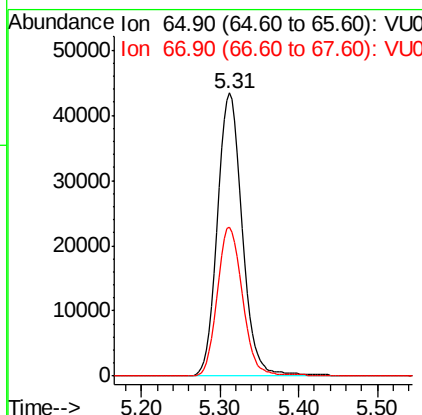
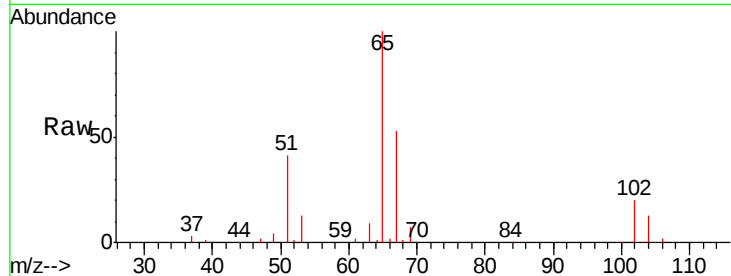
#33
 1,2-Dichloroethane-d4
 Concen: 51.24 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU027590.D
 Acq: 11 Oct 2018 11:51

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 65 Resp: 94709
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.8

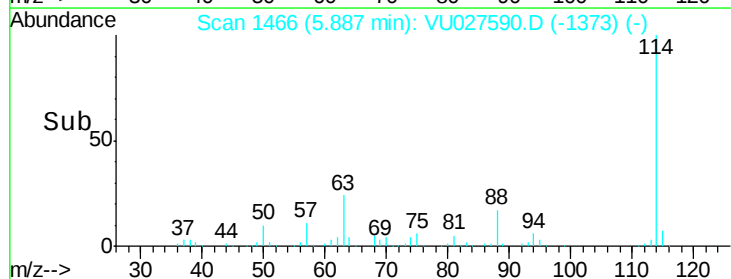
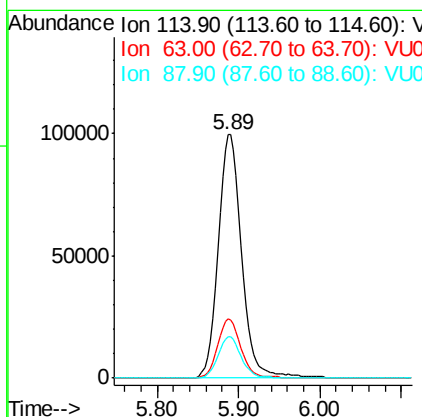
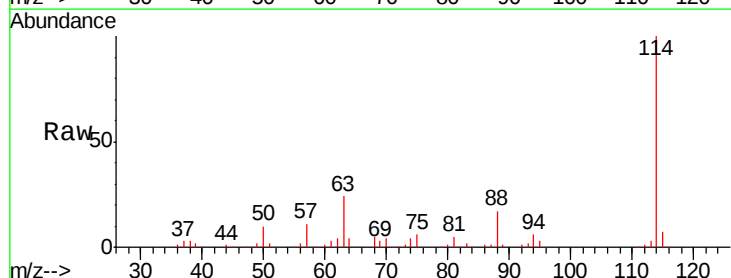
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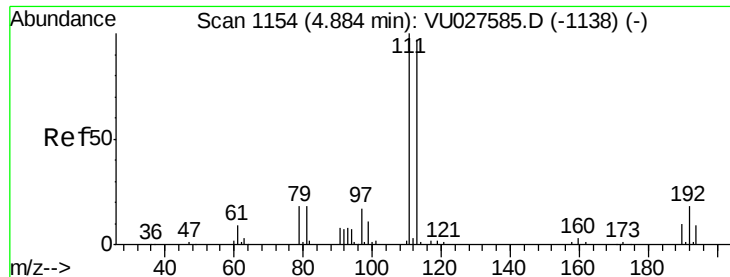
MMDadoda
 10/15/2018 1:01:26 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027590.D
 Acq: 11 Oct 2018 11:51

Tgt Ion: 114 Resp: 202895
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 50.2
 88 16.8 0.0 33.8





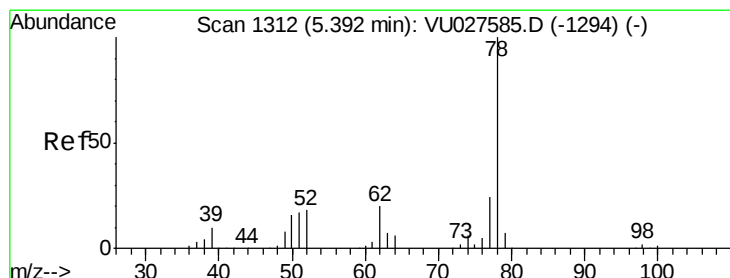
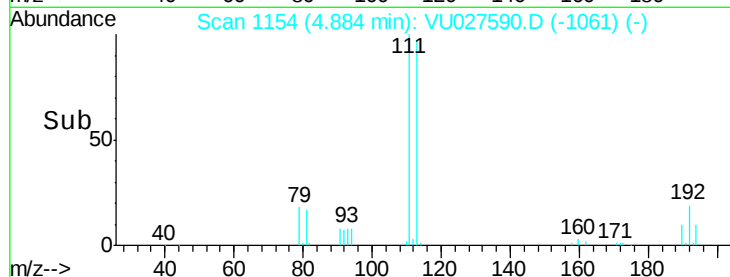
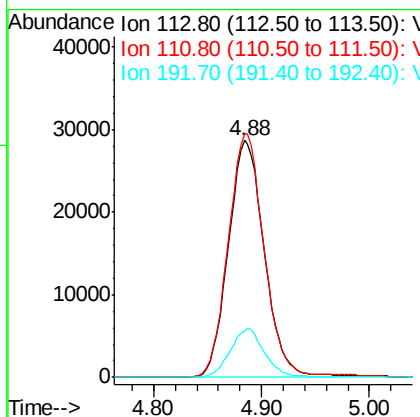
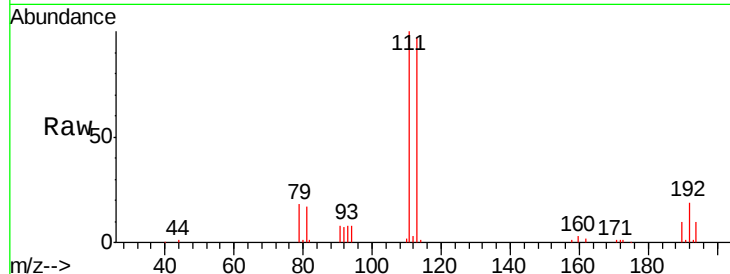
#35
 Dibromofluoromethane
 Concen: 49.64 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU027590.D
 Acq: 11 Oct 2018 11:51

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	66640		
111	102.4	83.1	124.7	
192	19.5	15.4	23.0	

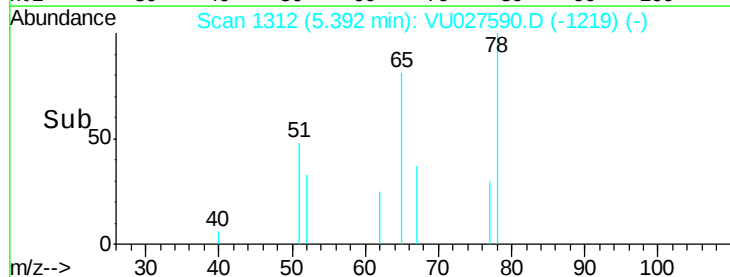
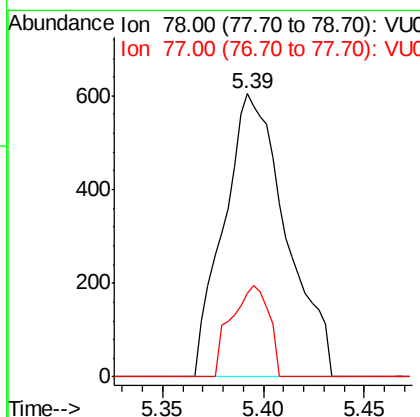
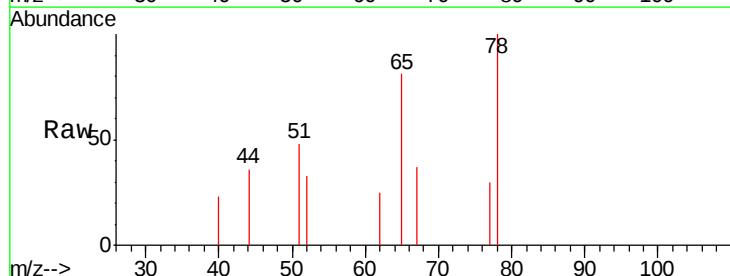
Manual Integrations
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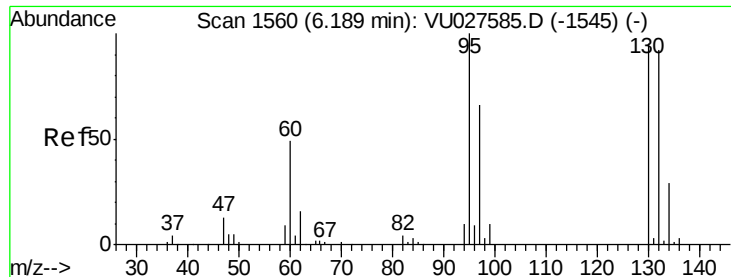
MMDadoda
 10/15/2018 1:01:26 PM



#40
 Benzene
 Concen: 0.21 ug/l
 RT: 5.39 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: VU027590.D
 Acq: 11 Oct 2018 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	1298		
77	29.6	19.3	28.9	





#44

Trichloroethene

Concen: 0.23 ug/l

RT: 6.19 min Scan# 1561

Delta R.T. 0.00 min

Lab File: VU027590.D

Acq: 11 Oct 2018 11:51

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tgt Ion:130 Resp: 311

Ion Ratio Lower Upper

130 100

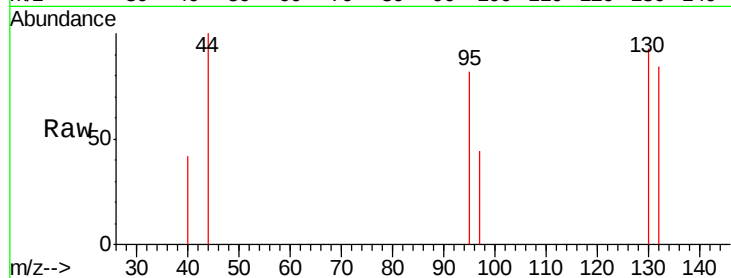
95 87.6 0.0 207.0

Manual Integrations

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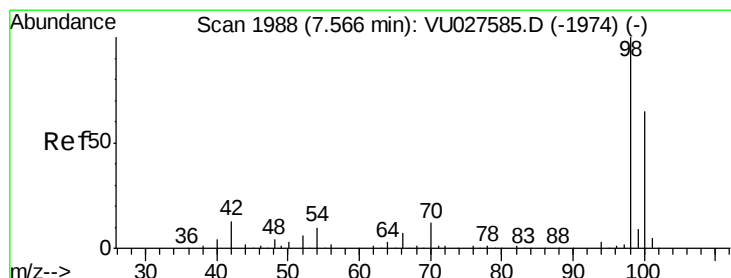
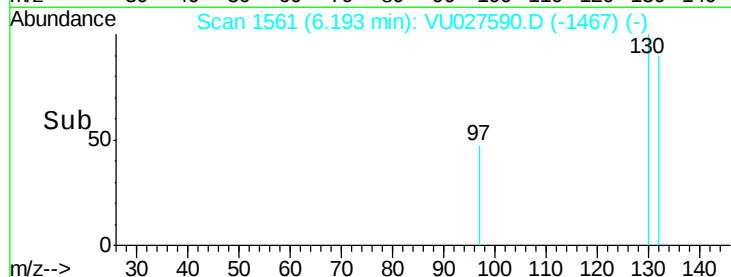
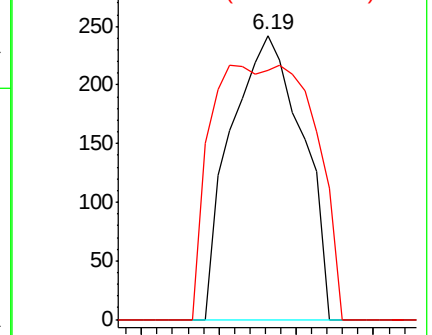
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0



#50

Toluene-d8

Concen: 48.26 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027590.D

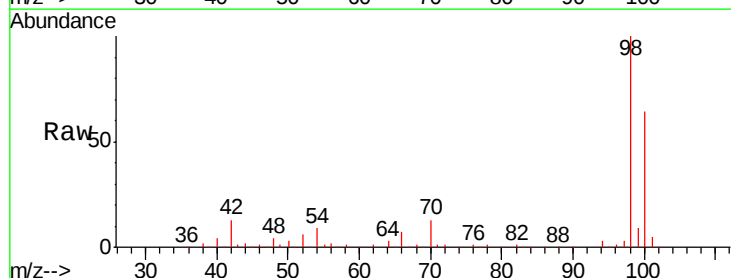
Acq: 11 Oct 2018 11:51

Tgt Ion: 98 Resp: 246681

Ion Ratio Lower Upper

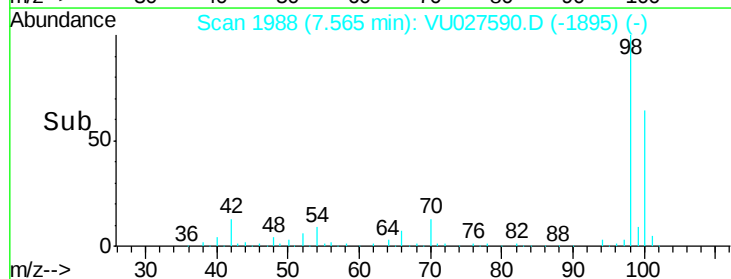
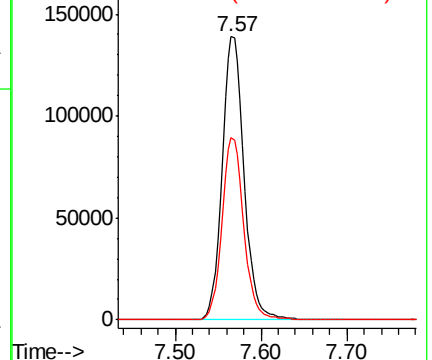
98 100

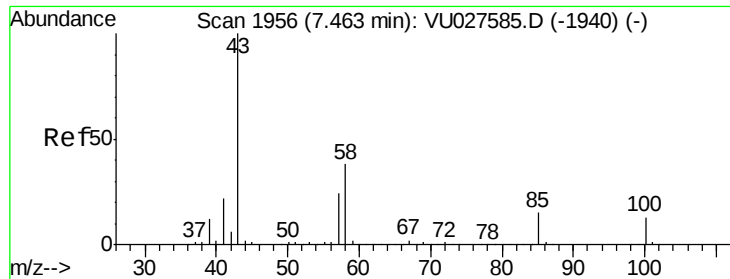
100 63.8 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#51

4-Methyl-2-Pentanone

Concen: 0.95 ug/l

RT: 7.47 min Scan# 1957

Delta R.T. 0.00 min

Lab File: VU027590.D

Acq: 11 Oct 2018 11:51

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 43 Resp: 2743

Ion Ratio Lower Upper

43 100

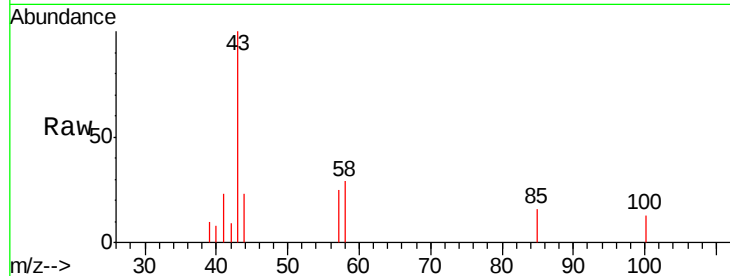
58 27.4 29.8 44.8#

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.47

1500

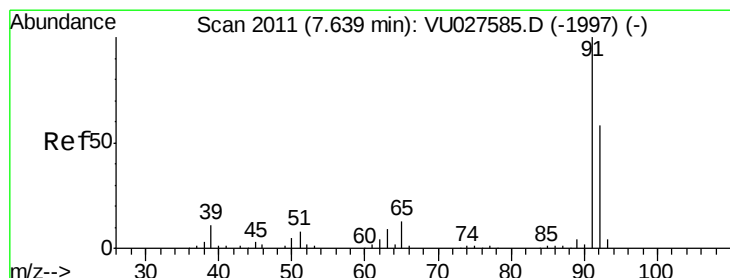
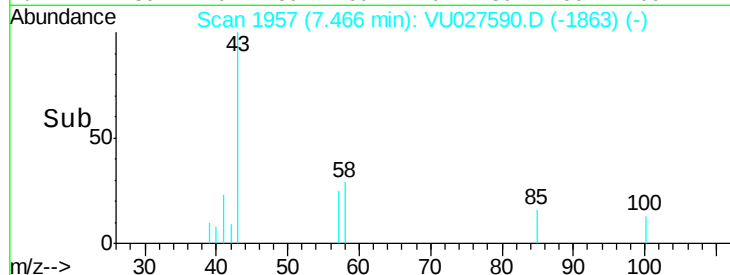
1000

500

0

7.40 7.45 7.50 7.55

Time-->



#52

Toluene

Concen: 0.23 ug/l

RT: 7.64 min Scan# 2012

Delta R.T. 0.00 min

Lab File: VU027590.D

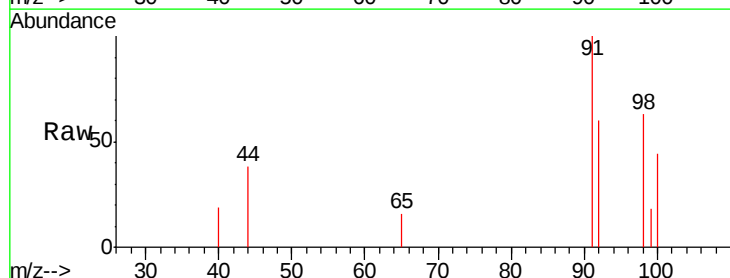
Acq: 11 Oct 2018 11:51

Tgt Ion: 92 Resp: 826

Ion Ratio Lower Upper

92 100

91 186.2 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

7.64

800

600

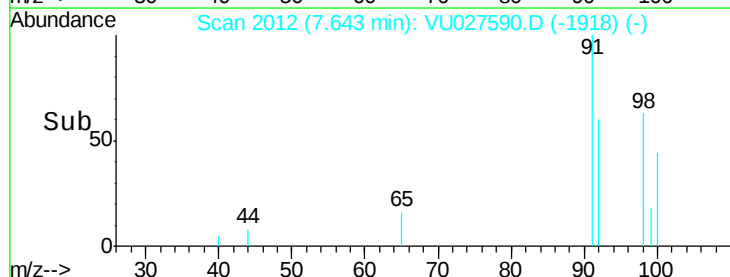
400

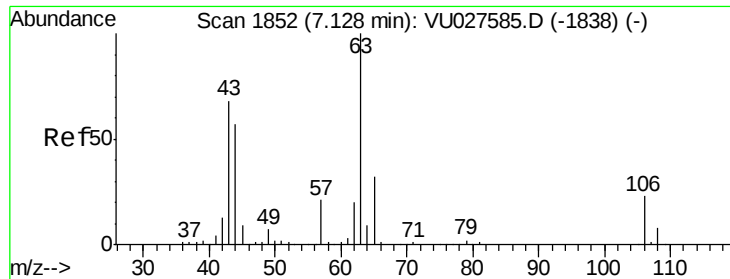
200

0

7.60 7.65

Time-->





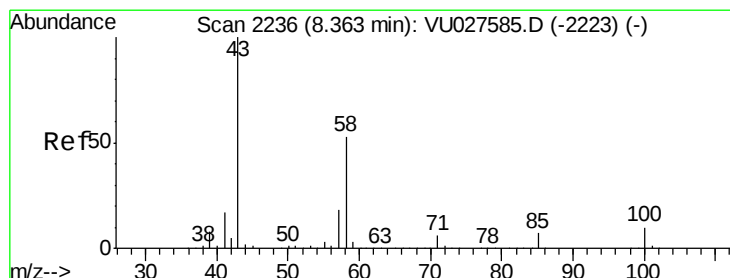
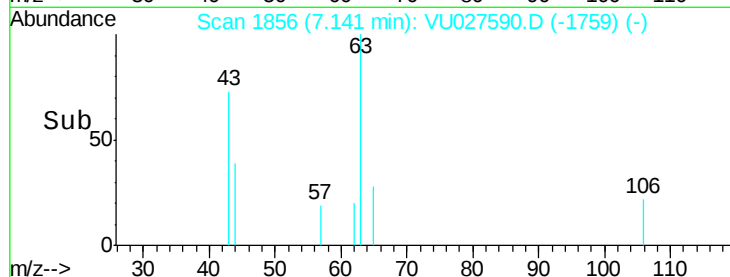
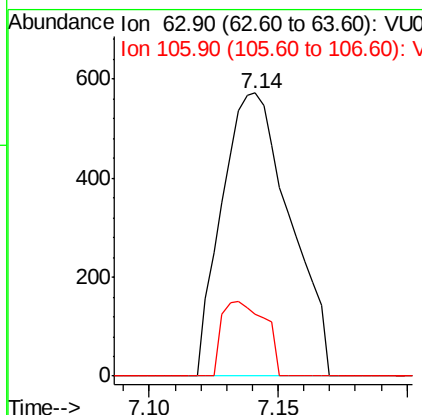
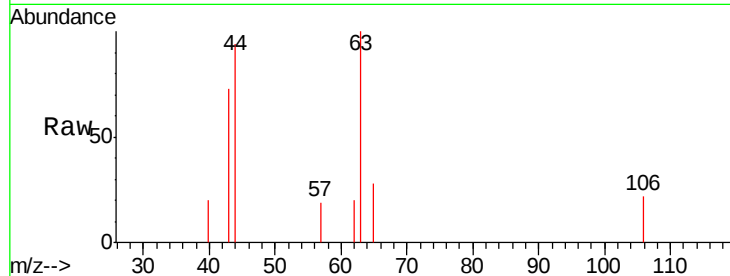
#58
2-Chloroethyl Vinyl ether
Concen: 6.25 ug/l
RT: 7.14 min Scan# 1856
Delta R.T. 0.01 min
Lab File: VU027590.D
Acq: 11 Oct 2018 11:51

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 63 Resp: 1052
Ion Ratio Lower Upper
63 100
106 16.7 18.5 27.7#

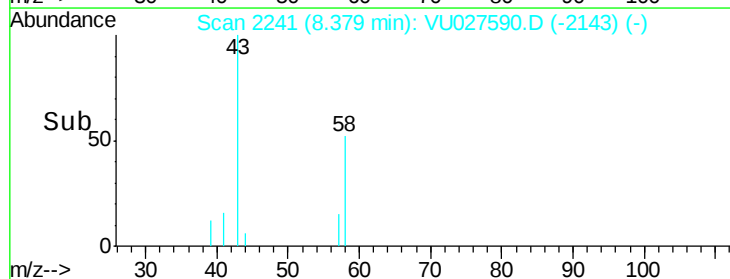
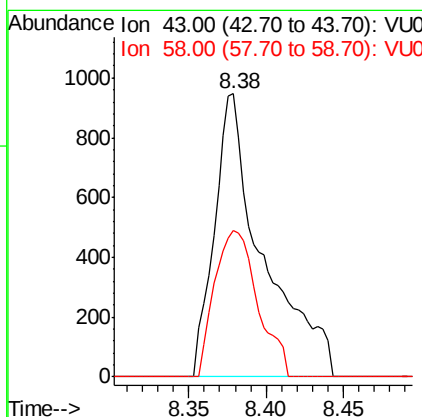
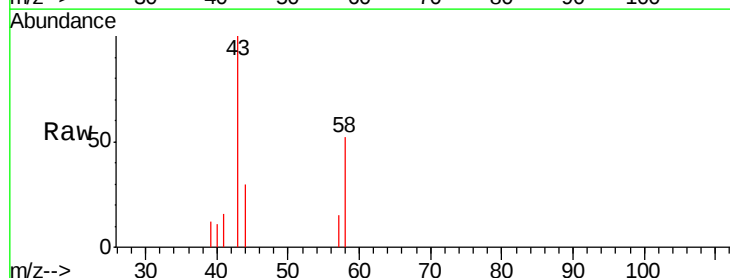
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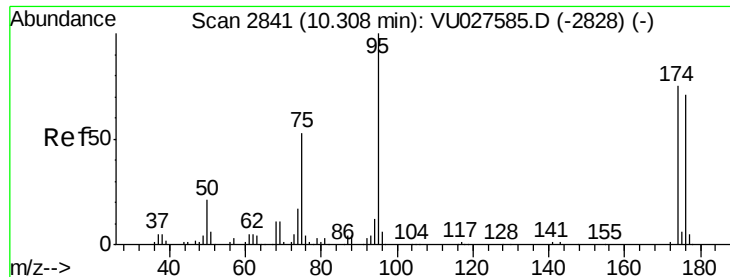
MMDadoda
10/15/2018 1:01:26 PM



#59
2-Hexanone
Concen: 0.92 ug/l
RT: 8.38 min Scan# 2241
Delta R.T. 0.02 min
Lab File: VU027590.D
Acq: 11 Oct 2018 11:51

Tgt Ion: 43 Resp: 2067
Ion Ratio Lower Upper
43 100
58 45.9 26.1 78.3





#62

4-Bromofluorobenzene

Concen: 43.59 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027590.D

Acq: 11 Oct 2018 11:51

Instrument :

MSVOA_U

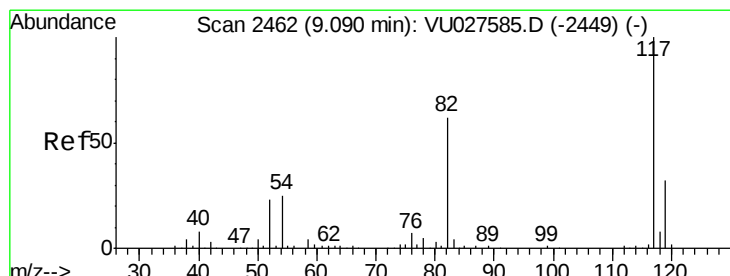
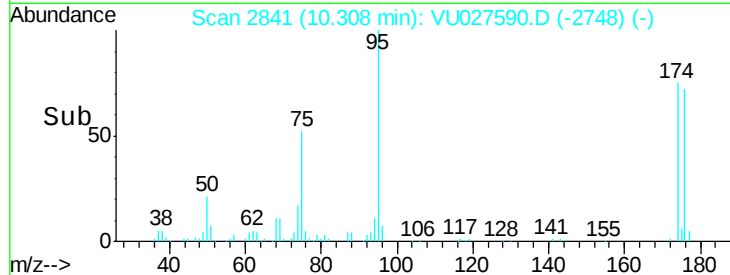
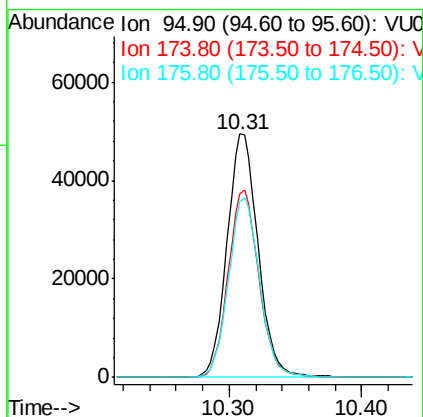
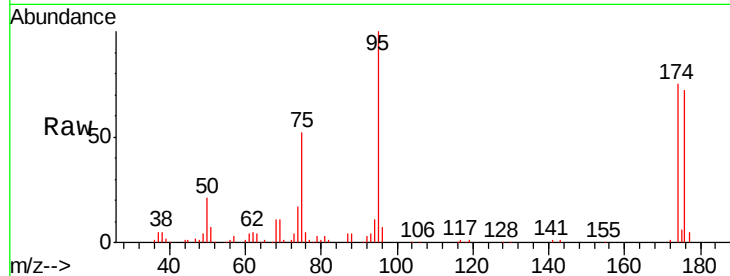
ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tgt Ion:	95	Resp:	80365
Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	147.8
176	73.9	0.0	140.8

Manual Integrations
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10/15/2018 1:01:26 PM



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

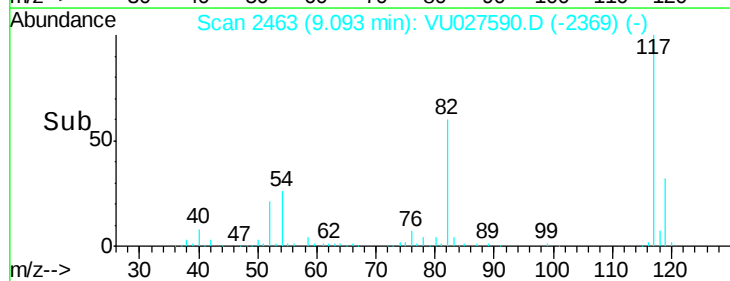
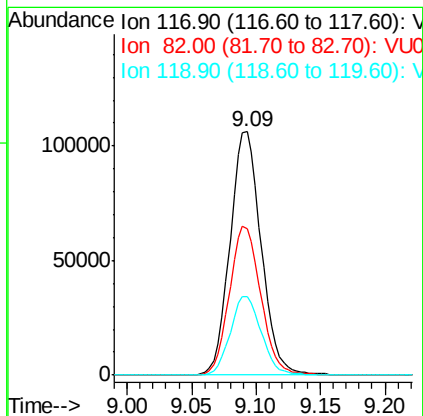
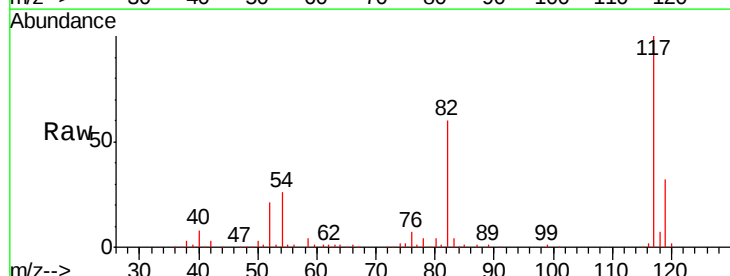
RT: 9.09 min Scan# 2463

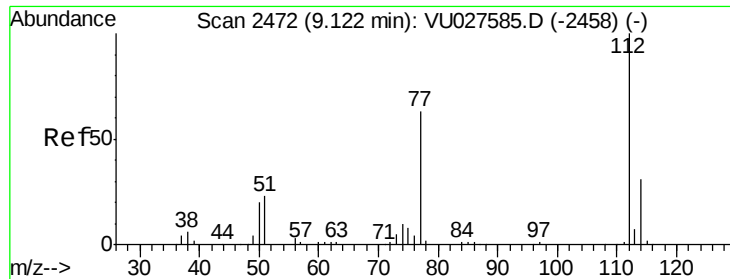
Delta R.T. 0.00 min

Lab File: VU027590.D

Acq: 11 Oct 2018 11:51

Tgt Ion:	117	Resp:	178508
Ion	Ratio	Lower	Upper
117	100		
82	60.4	49.2	73.8
119	32.5	25.7	38.5





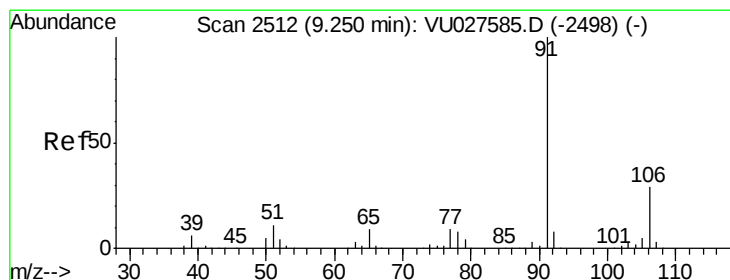
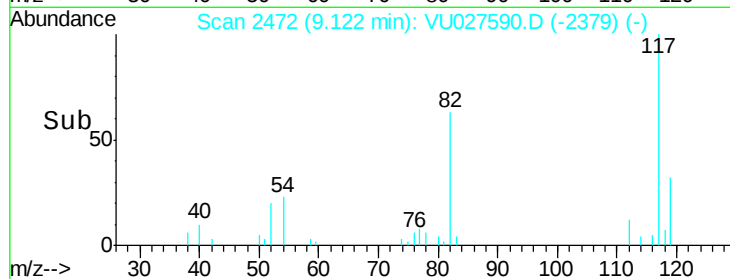
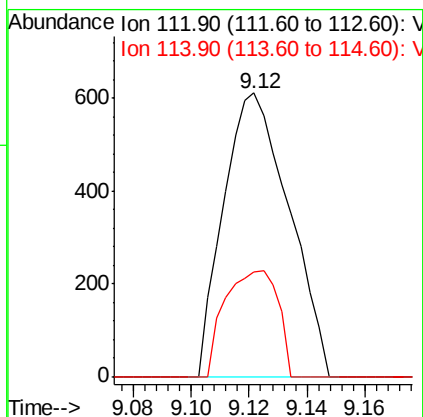
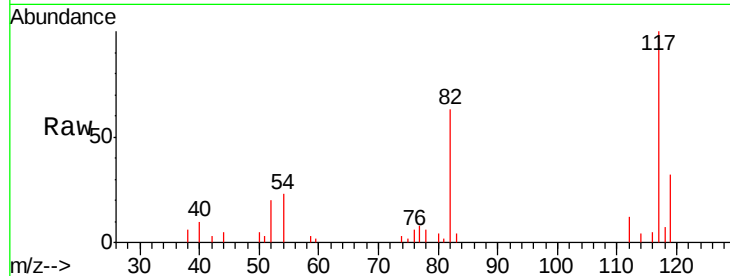
#65
Chlorobenzene
Concen: 0.26 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU027590.D
Acq: 11 Oct 2018 11:51

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 112 Resp: 955
Ion Ratio Lower Upper
112 100
114 36.7 25.8 38.6

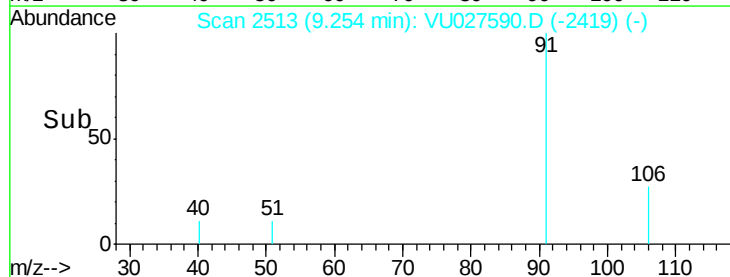
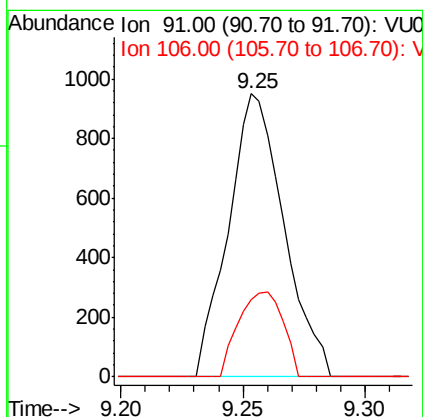
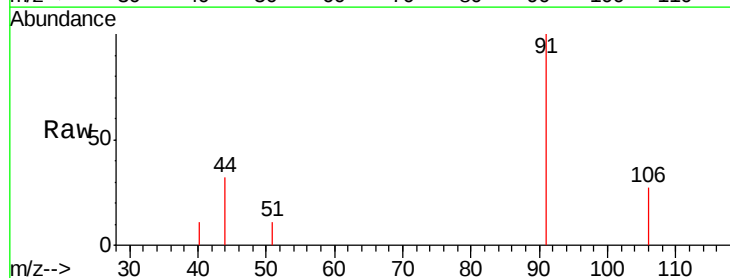
Manual Integrations
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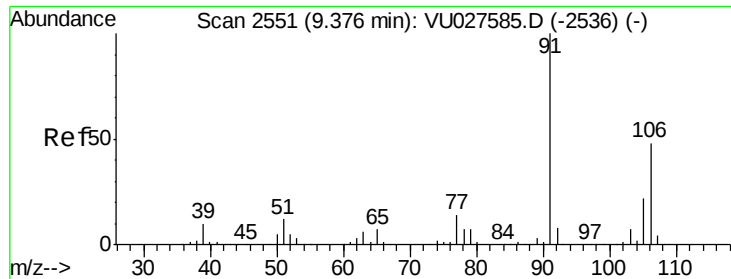
MMDadoda
10/15/2018 1:01:26 PM



#67
Ethyl Benzene
Concen: 0.24 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027590.D
Acq: 11 Oct 2018 11:51

Tgt Ion: 91 Resp: 1496
Ion Ratio Lower Upper
91 100
106 27.4 23.6 35.4





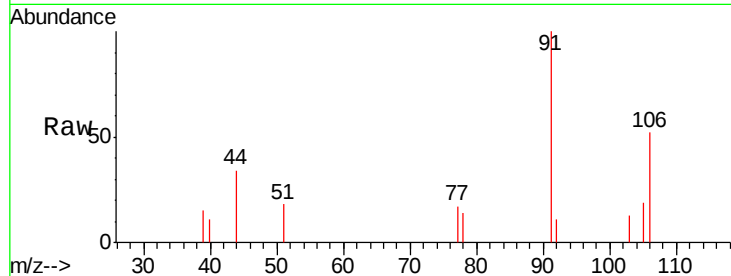
#68
m/p-Xylenes
Concen: 0.44 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027590.D
Acq: 11 Oct 2018 11:51

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

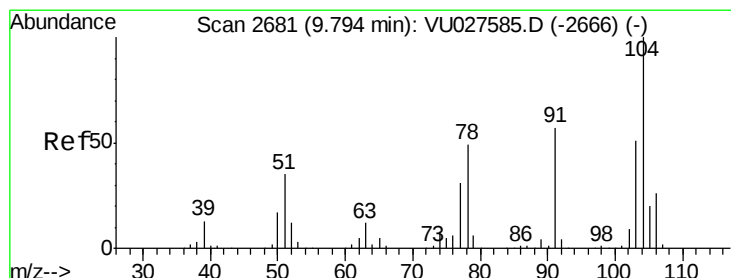
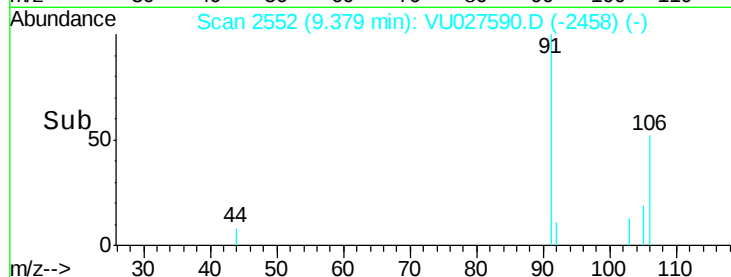
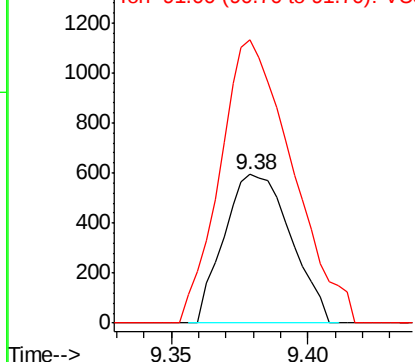
Tgt Ion:106 Resp: 1009
Ion Ratio Lower Upper
106 100
91 206.4 168.1 252.1

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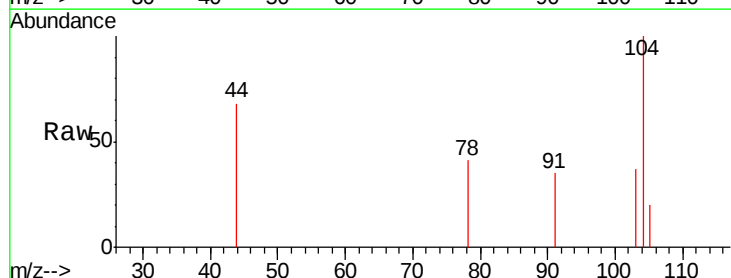


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

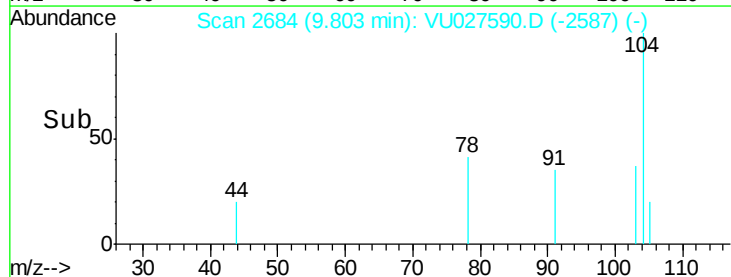
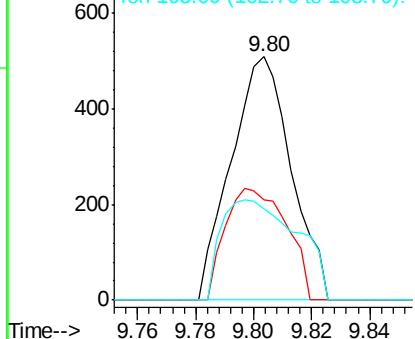


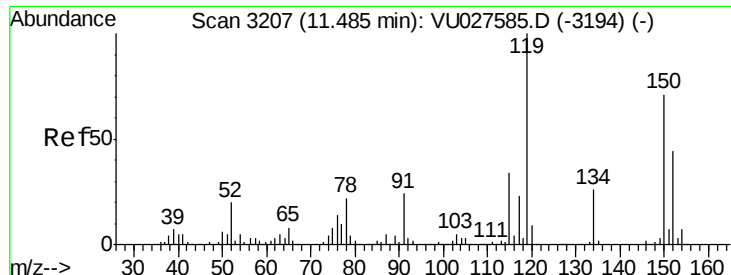
#70
Styrene
Concen: 1.43 ug/l
RT: 9.80 min Scan# 2684
Delta R.T. 0.01 min
Lab File: VU027590.D
Acq: 11 Oct 2018 11:51

Tgt Ion:104 Resp: 735
Ion Ratio Lower Upper
104 100
78 46.4 42.9 64.3
103 52.0 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU027590.D

Acq: 11 Oct 2018 11:51

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tgt Ion:152 Resp: 75758

Ion Ratio Lower Upper

152 100

115 59.8 43.4 130.2

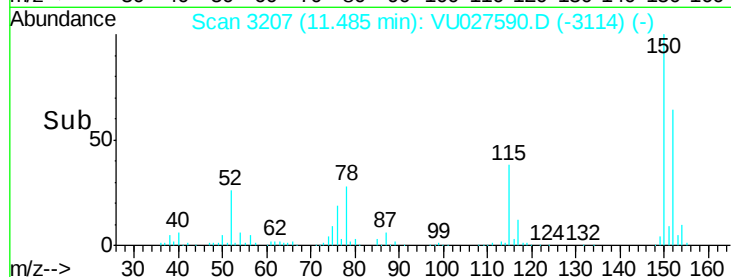
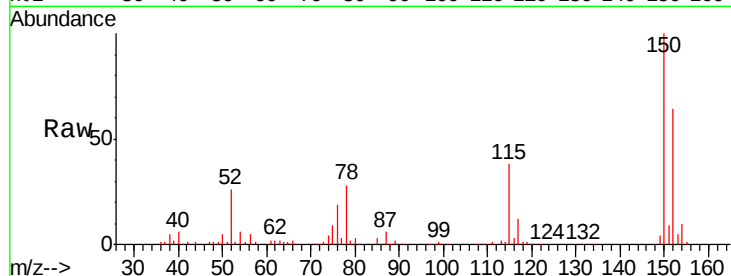
150 157.4 0.0 349.2

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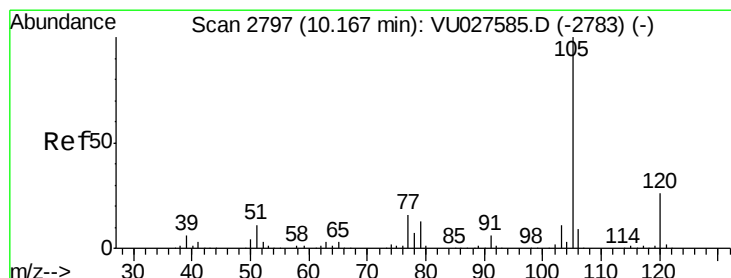
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Time-->



#73

Isopropylbenzene

Concen: 0.24 ug/l

RT: 10.17 min Scan# 2798

Delta R.T. 0.00 min

Lab File: VU027590.D

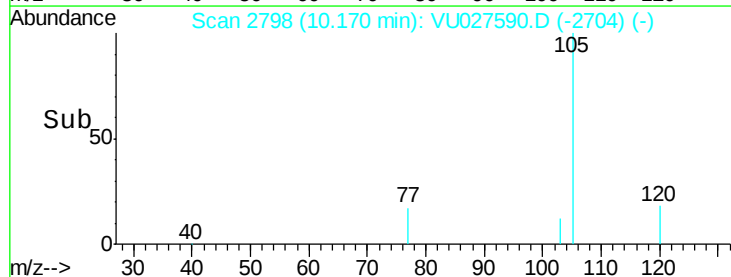
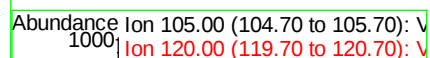
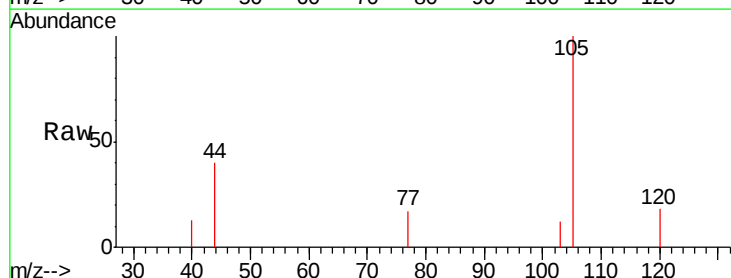
Acq: 11 Oct 2018 11:51

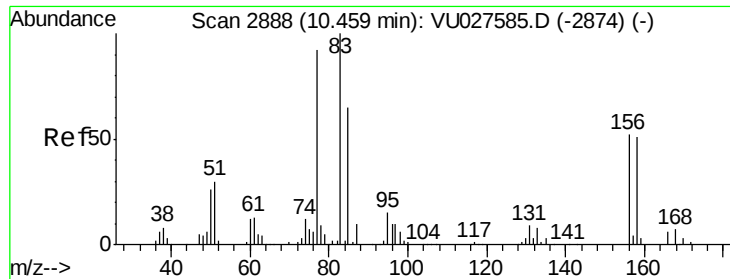
Tgt Ion:105 Resp: 1207

Ion Ratio Lower Upper

105 100

120 15.4 12.6 37.8





#75

1,1,2,2-Tetrachloroethane

Concen: 0.23 ug/l

RT: 10.47 min Scan# 2890

Delta R.T. 0.01 min

Lab File: VU027590.D

Acq: 11 Oct 2018 11:51

Instrument :

MSVOA_U

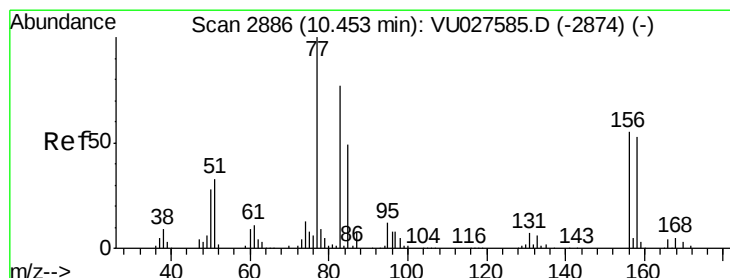
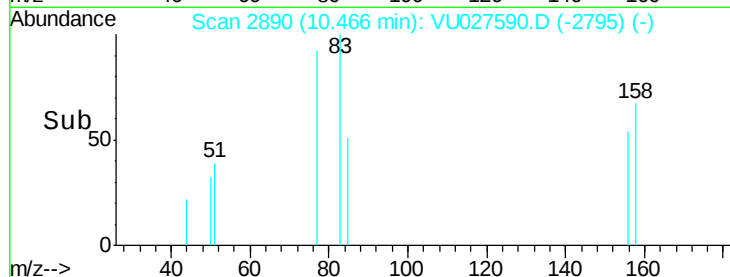
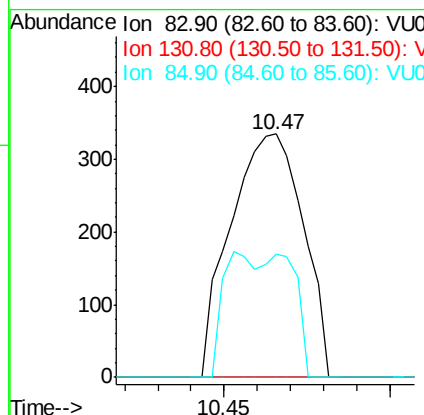
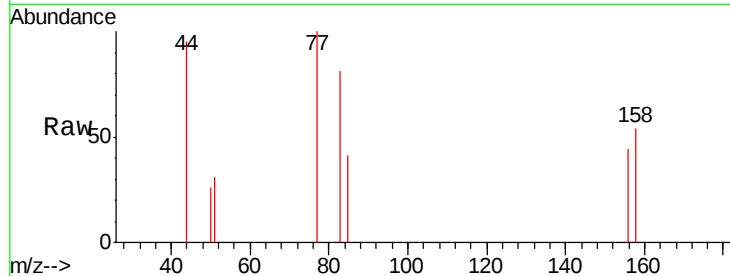
ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tgt Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.4	13.2#
85	23.7	32.0	96.0#

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#77

Bromobenzene

Concen: 0.28 ug/l

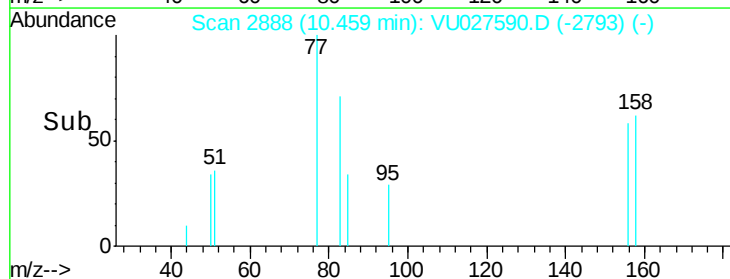
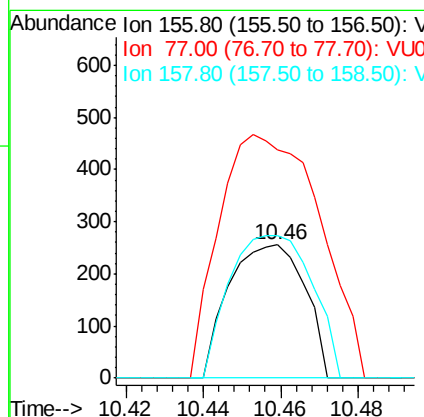
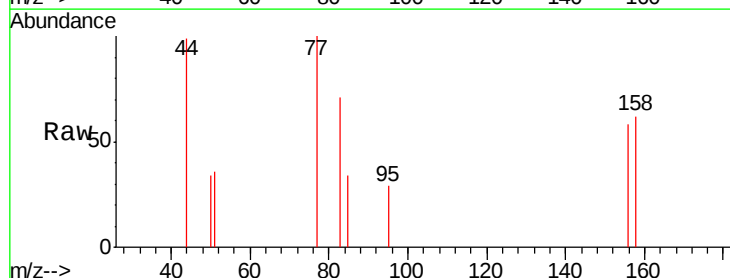
RT: 10.46 min Scan# 2888

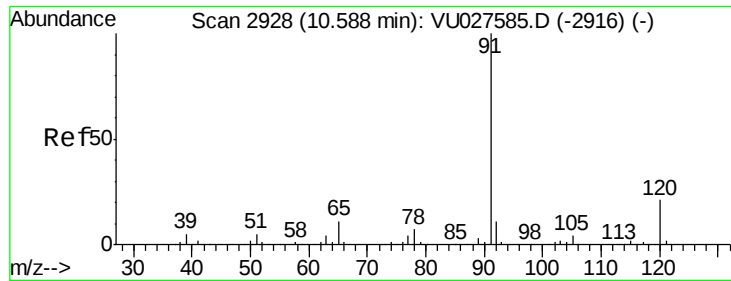
Delta R.T. 0.01 min

Lab File: VU027590.D

Acq: 11 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
156	100		
77	241.0	94.8	284.4
158	116.9	47.4	142.3





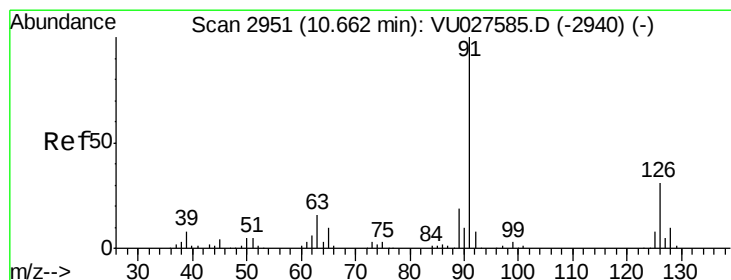
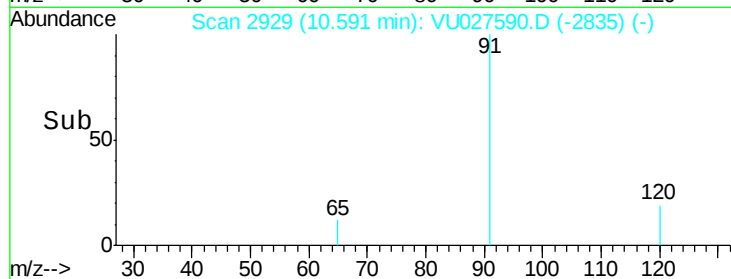
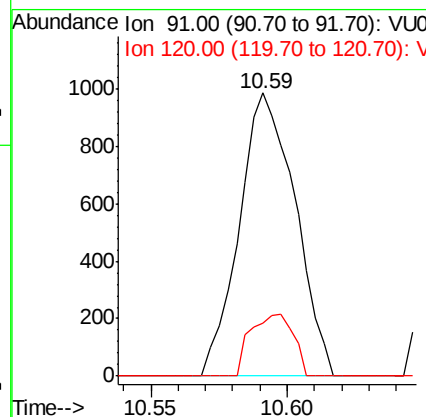
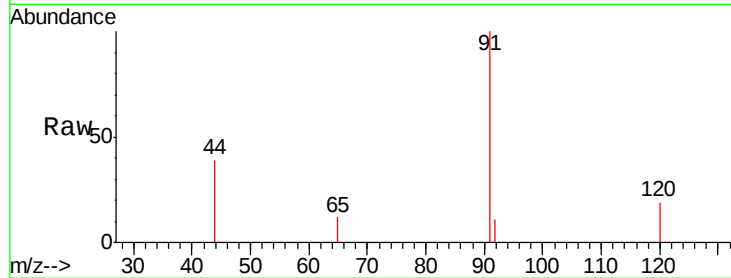
#78
n-propylbenzene
Concen: 0.23 ug/l
RT: 10.59 min Scan# 2929
Delta R.T. 0.00 min
Lab File: VU027590.D
Acq: 11 Oct 2018 11:51

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 91 Resp: 1403
Ion Ratio Lower Upper
91 100
120 16.5 10.6 31.8

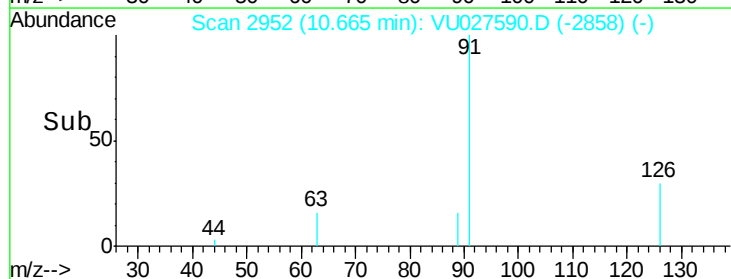
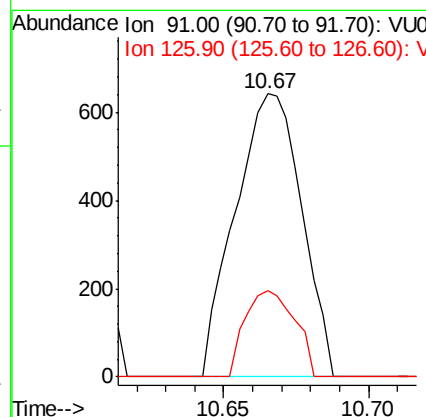
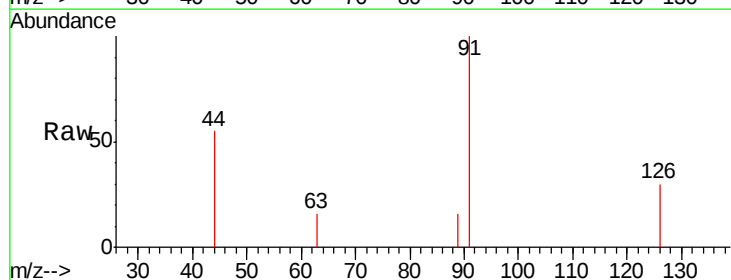
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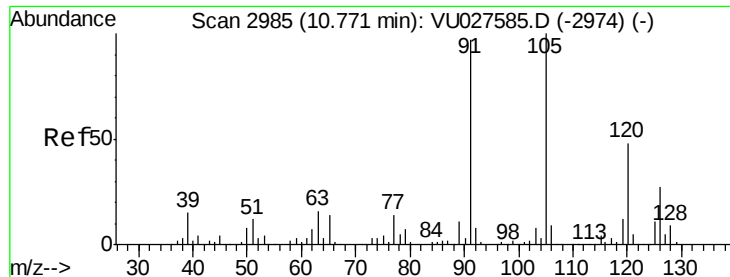
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#79
2-Chlorotoluene
Concen: 0.27 ug/l
RT: 10.67 min Scan# 2952
Delta R.T. 0.00 min
Lab File: VU027590.D
Acq: 11 Oct 2018 11:51

Tgt Ion: 91 Resp: 1018
Ion Ratio Lower Upper
91 100
126 22.9 15.7 47.1





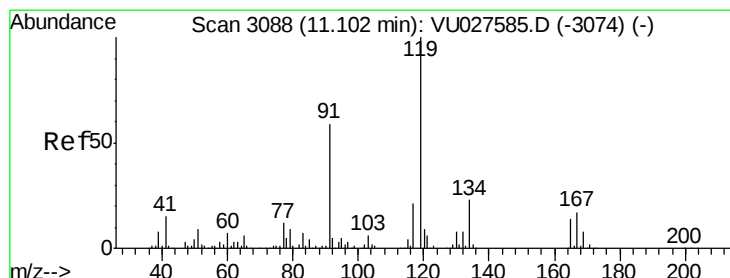
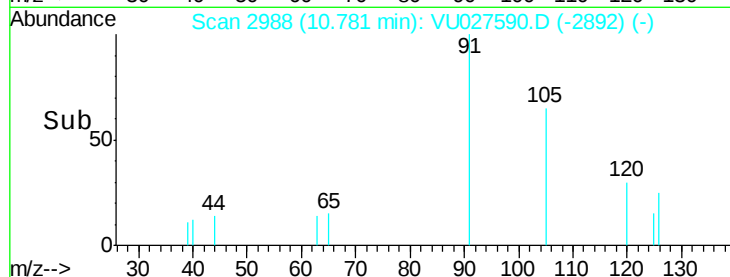
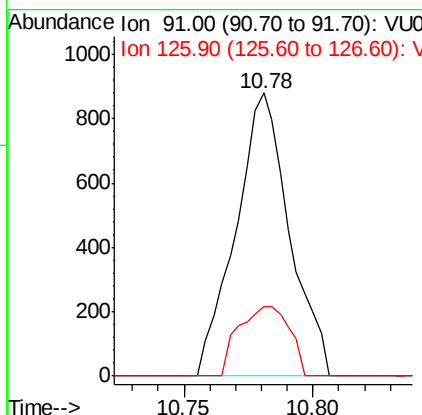
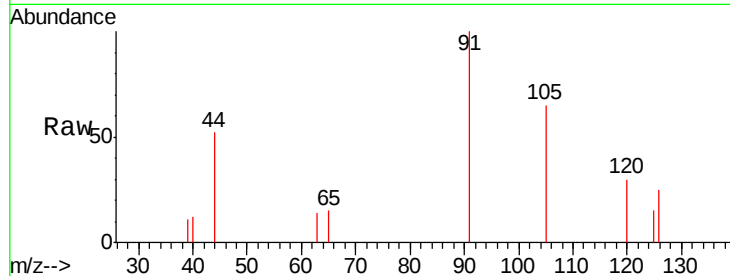
#82
4-Chlorotoluene
Concen: 0.30 ug/l
RT: 10.78 min Scan# 2988
Delta R.T. 0.01 min
Lab File: VU027590.D
Acq: 11 Oct 2018 11:51

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 91 Resp: 1272
Ion Ratio Lower Upper
91 100
126 23.3 13.6 40.8

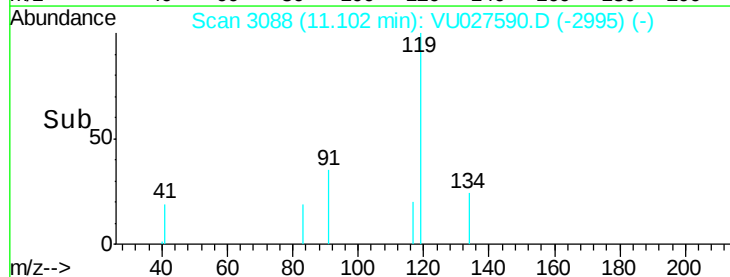
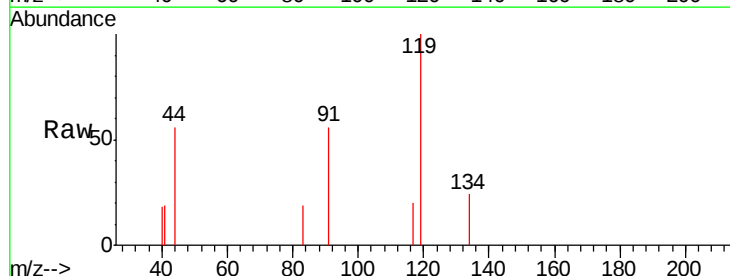
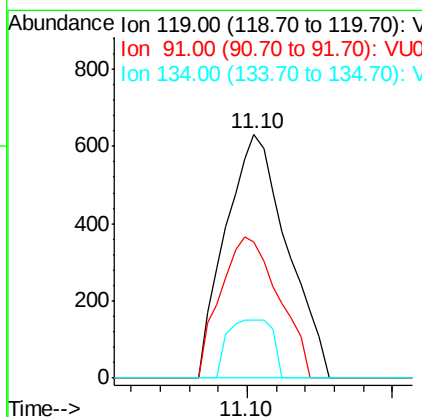
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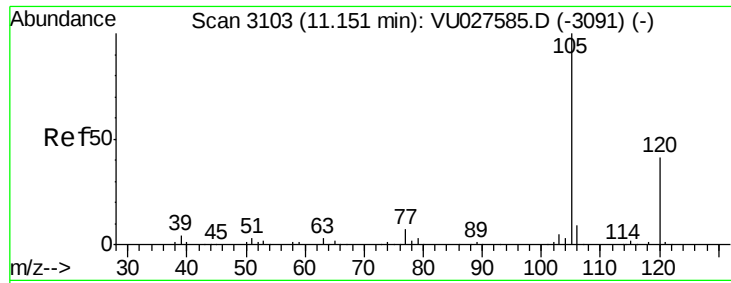
MMDadoda
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#83
tert-Butylbenzene
Concen: 0.22 ug/l
RT: 11.10 min Scan# 3088
Delta R.T. -0.00 min
Lab File: VU027590.D
Acq: 11 Oct 2018 11:51

Tgt Ion: 119 Resp: 928
Ion Ratio Lower Upper
119 100
91 55.0 30.3 91.0
134 17.3 11.5 34.4





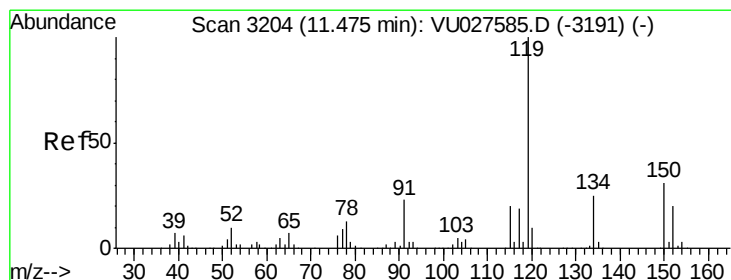
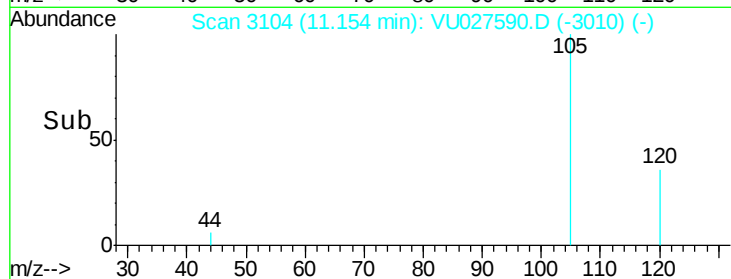
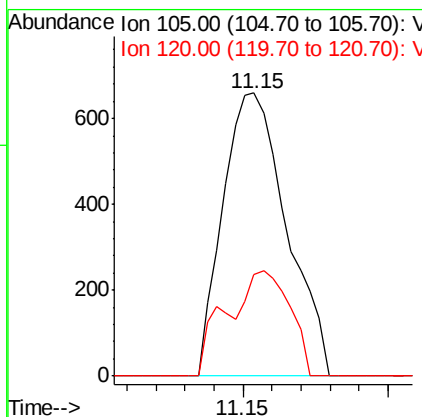
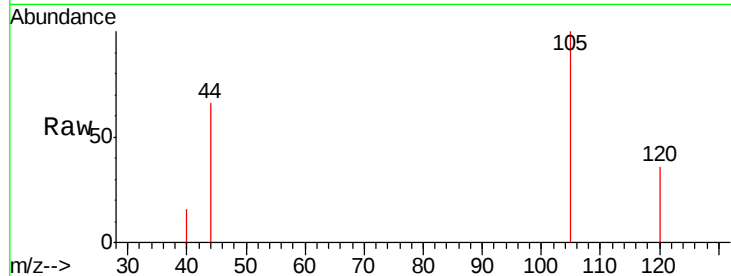
#84
 1,2,4-Trimethylbenzene
 Concen: 0.21 ug/l
 RT: 11.15 min Scan# 3104
 Delta R.T. 0.00 min
 Lab File: VU027590.D
 Acq: 11 Oct 2018 11:51

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tgt Ion:105 Resp: 1003
 Ion Ratio Lower Upper
 105 100
 120 36.9 22.1 66.5

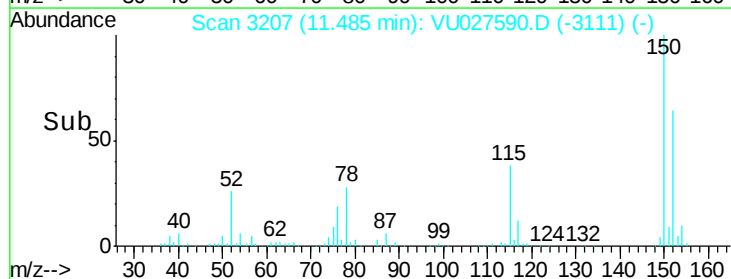
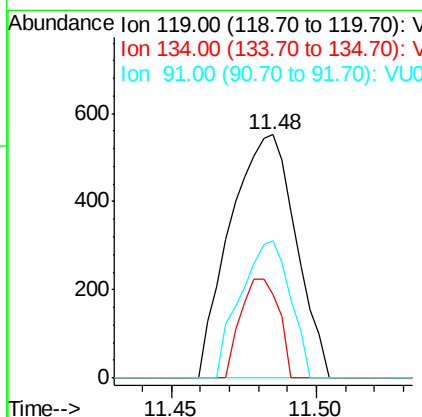
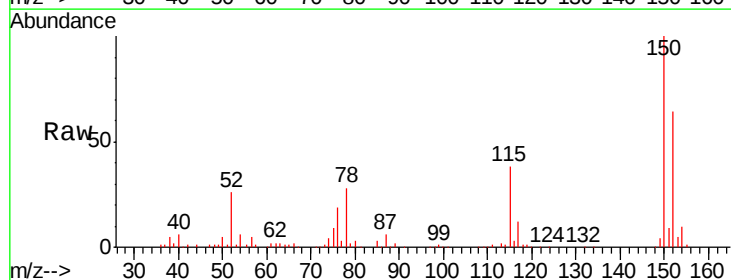
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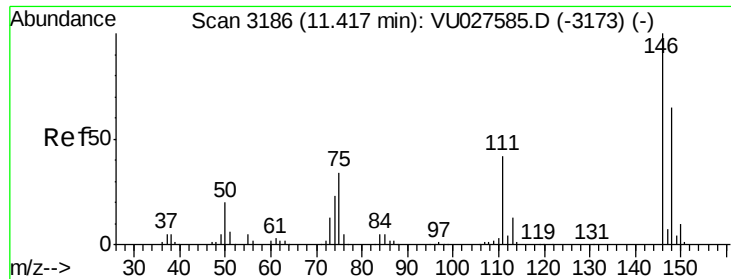
MMDadoda
 10/15/2018 1:01:26 PM



#86
 p-Isopropyltoluene
 Concen: 0.66 ug/l
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.01 min
 Lab File: VU027590.D
 Acq: 11 Oct 2018 11:51

Tgt Ion:119 Resp: 865
 Ion Ratio Lower Upper
 119 100
 134 23.7 12.7 38.1
 91 42.7 12.2 36.4#





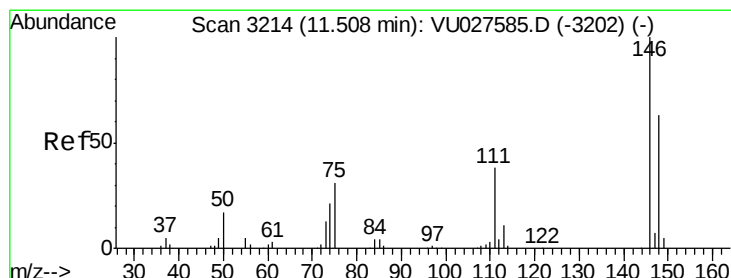
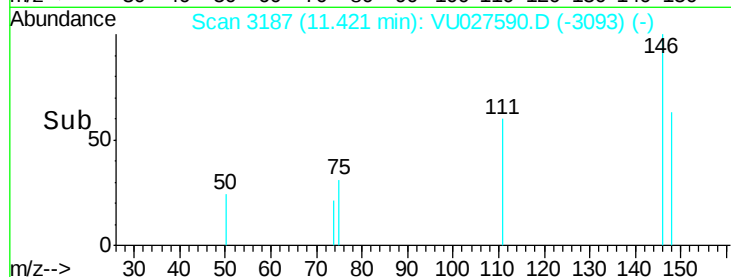
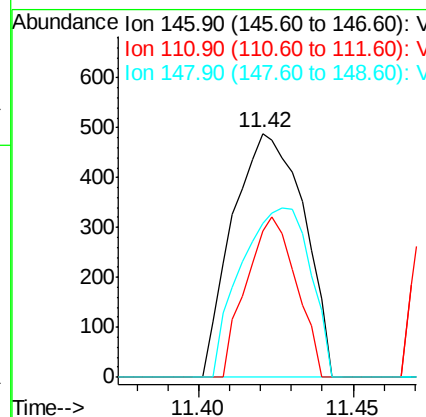
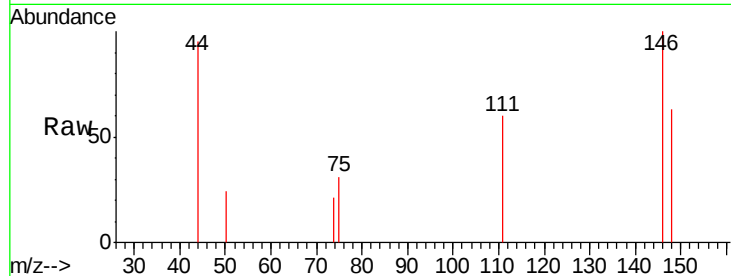
#87
 1,3-Dichlorobenzene
 Concen: 0.34 ug/l
 RT: 11.42 min Scan# 3187
 Delta R.T. 0.00 min
 Lab File: VU027590.D
 Acq: 11 Oct 2018 11:51

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.2	20.8	62.5
148	67.8	31.6	94.8

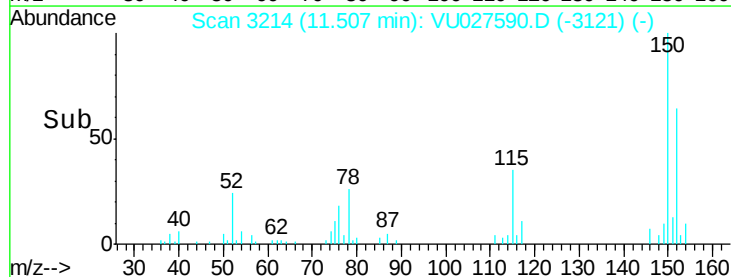
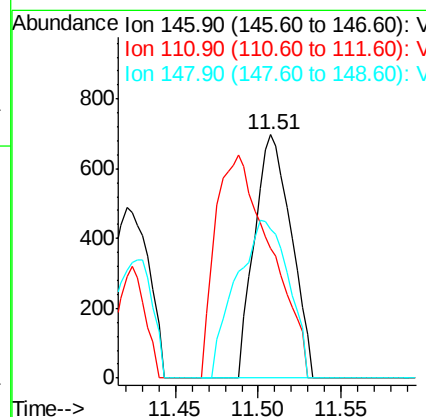
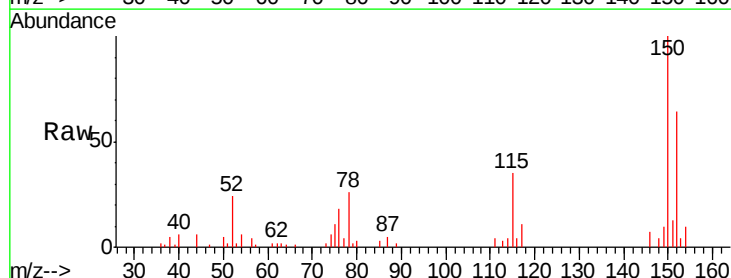
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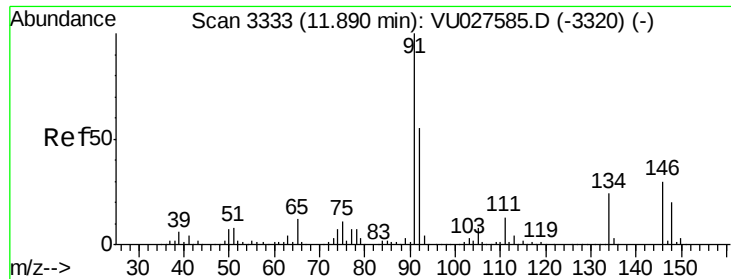
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 10/15/2018 1:01:26 PM



#88
 1,4-Dichlorobenzene
 Concen: 0.44 ug/l m
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU027590.D
 Acq: 11 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	33.8	20.4	61.2
148	49.6	31.9	95.5





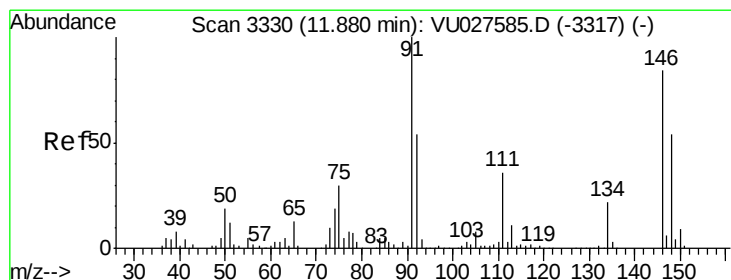
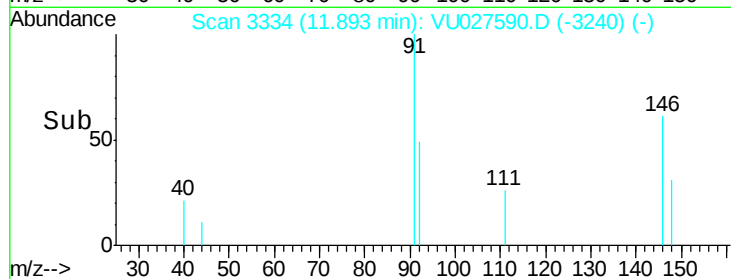
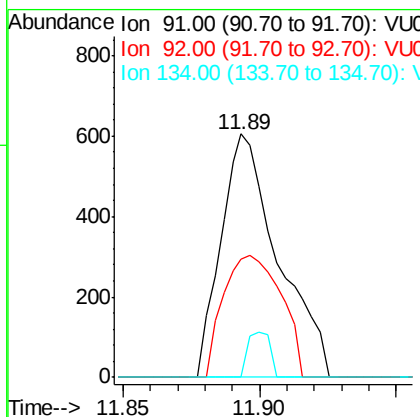
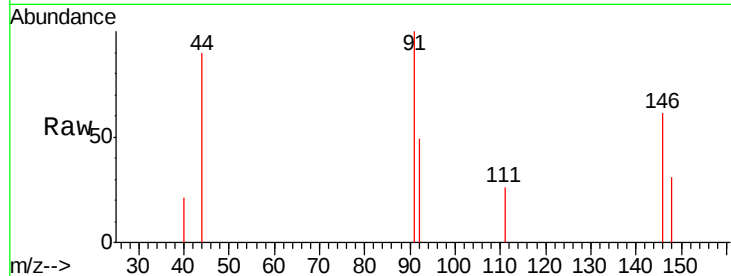
#89
n-Butylbenzene
Concen: 1.75 ug/l
RT: 11.89 min Scan# 3334
Delta R.T. 0.00 min
Lab File: VU027590.D
Acq: 11 Oct 2018 11:51

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 91 Resp: 883
Ion Ratio Lower Upper
91 100
92 50.4 27.0 81.0
134 7.0 11.7 35.1#

Manual Integrations
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#91
1,2-Dichlorobenzene
Concen: 0.30 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.01 min
Lab File: VU027590.D
Acq: 11 Oct 2018 11:51

Tgt Ion: 146 Resp: 712
Ion Ratio Lower Upper
146 100
111 34.8 21.8 65.4
148 49.4 31.9 95.5

