

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101118\
 Data File : VU027591.D
 Acq On : 11 Oct 2018 12:14
 Operator : MD/SY
 Sample : J5164-09 0.2ppb
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Manual Integrations
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 10/16/2018 2:22:56 PM

Quant Time: Oct 12 17:07:49 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	4.99	168	115110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	202359	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	177898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	74663	50.00	ug/l	0.00

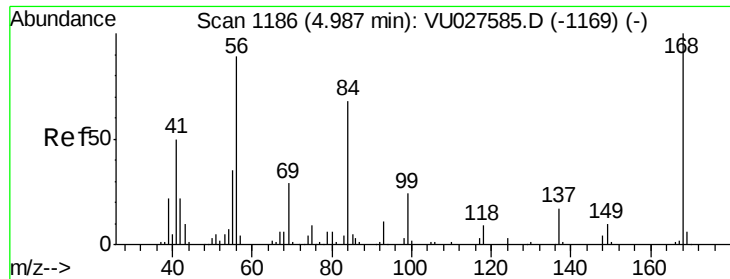
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	94191	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
35) Dibromofluoromethane	4.89	113	66397	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
50) Toluene-d8	7.57	98	242604	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
62) 4-Bromofluorobenzene	10.31	95	78670	42.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.56%	

Target Compounds

						Qvalue
3) Chloromethane	1.33	50	541	0.28	ug/l	99
4) Vinyl Chloride	1.40	62	469	0.25	ug/l #	81
7) Trichlorofluoromethane	1.89	101	437	0.21	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.29	101	292	0.24	ug/l #	58
14) Allyl chloride	2.59	41	669	0.23	ug/l #	64
15) Acrylonitrile	2.94	53	1021	0.99	ug/l #	87
16) Acetone	2.33	43	1915	1.76	ug/l	95
17) Carbon Disulfide	2.48	76	1968	0.49	ug/l	96
20) Methylene Chloride	2.70	84	378	0.25	ug/l #	77
21) trans-1,2-Dichloroethene	2.98	96	305	0.23	ug/l #	72
23) Vinyl Acetate	3.54	43	4224	0.91	ug/l	97
39) Methylcyclohexane	6.41	83	553	0.24	ug/l #	64
44) Trichloroethene	6.20	130	320	0.23	ug/l	85
51) 4-Methyl-2-Pentanone	7.47	43	2250	0.78	ug/l	95
58) 2-Chloroethyl Vinyl ether	7.14	63	970	6.19	ug/l #	67
59) 2-Hexanone	8.38	43	1978	0.88	ug/l #	49
65) Chlorobenzene	9.12	112	885	0.24	ug/l	94
67) Ethyl Benzene	9.25	91	1375	0.22	ug/l	100
68) m/p-Xylenes	9.38	106	867	0.38	ug/l	88
70) Styrene	9.80	104	620	1.40	ug/l #	67
75) 1,1,2,2-Tetrachloroethane	10.46	83	441	0.20	ug/l #	90
77) Bromobenzene	10.46	156	270	0.22	ug/l	62
78) n-propylbenzene	10.59	91	1469m	0.24	ug/l	
79) 2-Chlorotoluene	10.66	91	984	0.26	ug/l	80
82) 4-Chlorotoluene	10.78	91	1122	0.27	ug/l	93
83) tert-Butylbenzene	11.10	119	844	0.21	ug/l	97
86) p-Isopropyltoluene	11.48	119	859	0.66	ug/l #	72
87) 1,3-Dichlorobenzene	11.42	146	611	0.27	ug/l	96
88) 1,4-Dichlorobenzene	11.51	146	934m	0.39	ug/l	
89) n-Butylbenzene	11.90	91	797	1.73	ug/l #	85
91) 1,2-Dichlorobenzene	11.89	146	571	0.25	ug/l	92

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.00 min

Lab File: VU027591.D

Acq: 11 Oct 2018 12:14

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion: 168 Resp: 115110

Ion Ratio Lower Upper

168 100

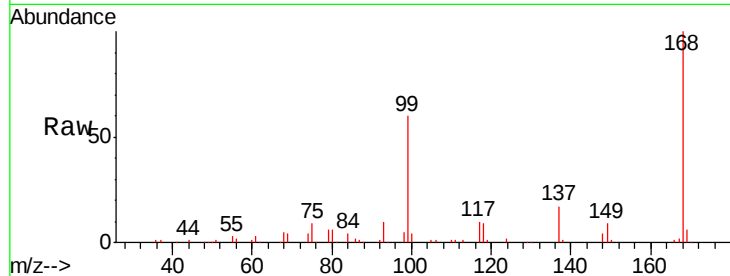
99 59.7 50.8 76.2

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

Ion 98.90 (98.60 to 99.60): VU027591.D (-1093) (-)

4.99

60000

50000

40000

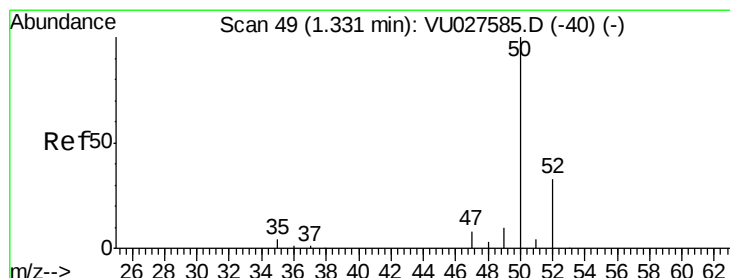
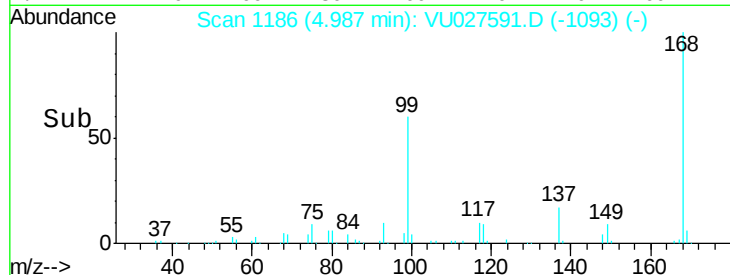
30000

20000

10000

0

Time-->



#3

Chloromethane

Concen: 0.28 ug/l

RT: 1.33 min Scan# 49

Delta R.T. -0.00 min

Lab File: VU027591.D

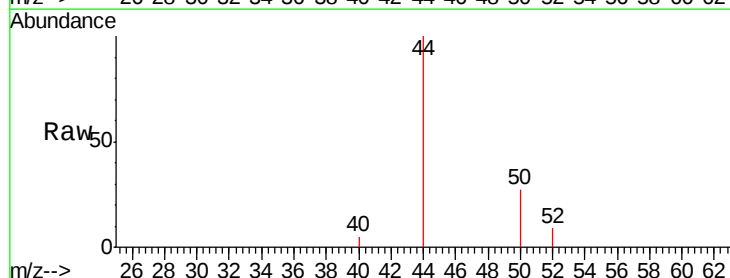
Acq: 11 Oct 2018 12:14

Tgt Ion: 50 Resp: 541

Ion Ratio Lower Upper

50 100

52 32.8 26.5 39.7



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

Ion 51.90 (51.60 to 52.60): VU027591.D (-1) (-)

1.33

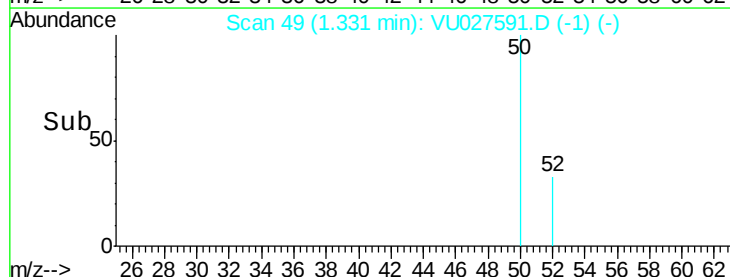
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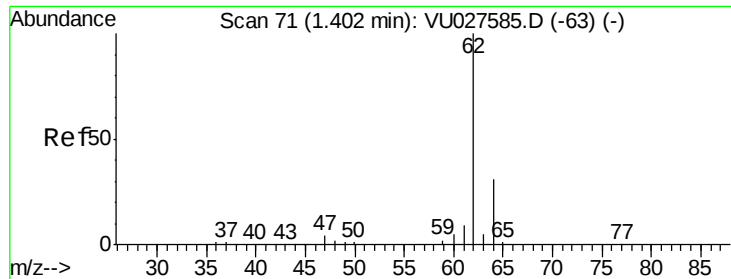
400

200

0

Time-->





#4

Vinyl Chloride

Concen: 0.25 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027591.D

Acq: 11 Oct 2018 12:14

Instrument :

MSVOA_U

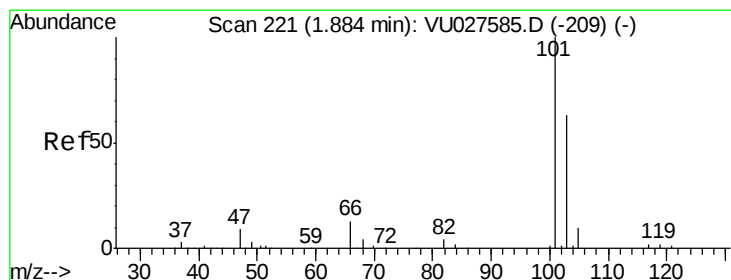
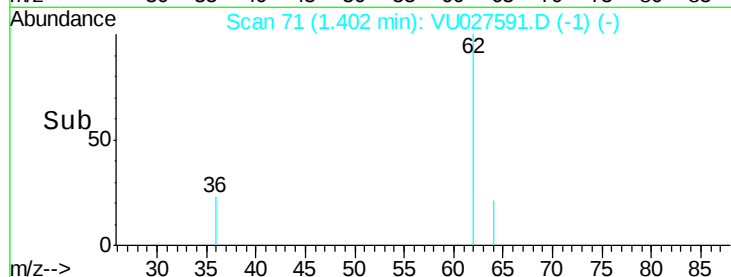
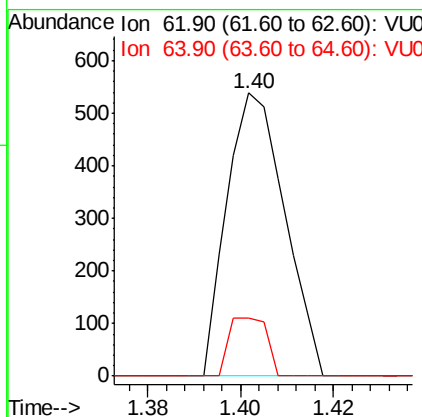
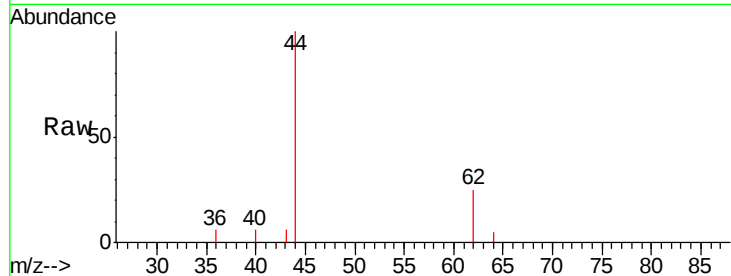
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion: 62 Resp: 469
 Ion Ratio Lower Upper
 62 100
 64 20.6 24.9 37.3#

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#7

Trichlorofluoromethane

Concen: 0.21 ug/l

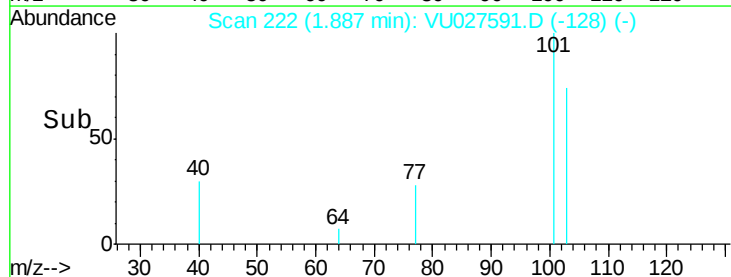
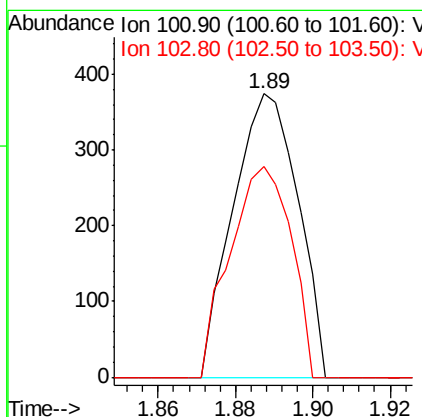
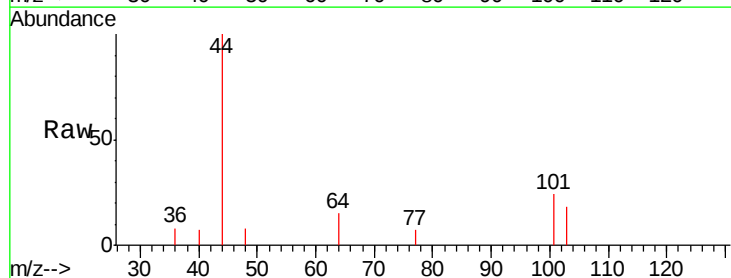
RT: 1.89 min Scan# 222

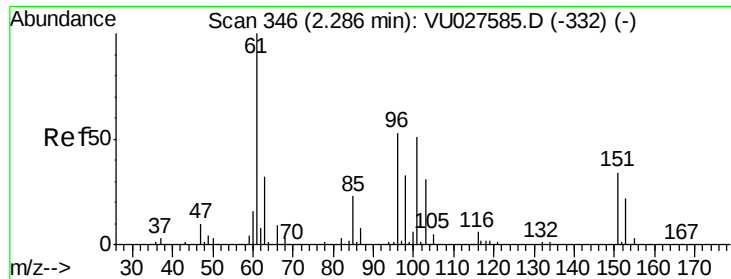
Delta R.T. 0.00 min

Lab File: VU027591.D

Acq: 11 Oct 2018 12:14

Tgt Ion: 101 Resp: 437
 Ion Ratio Lower Upper
 101 100
 103 74.3 52.6 78.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.24 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU027591.D

Acq: 11 Oct 2018 12:14

Instrument :

MSVOA_U

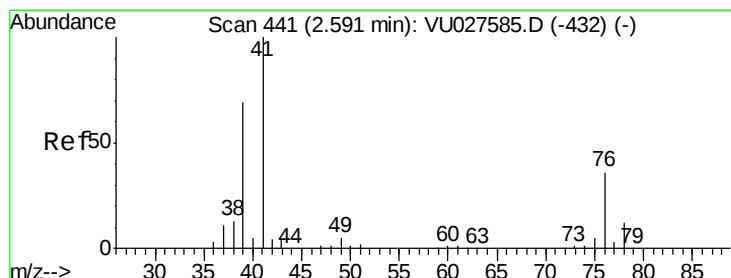
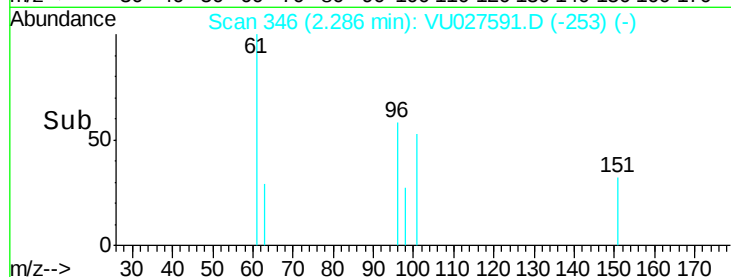
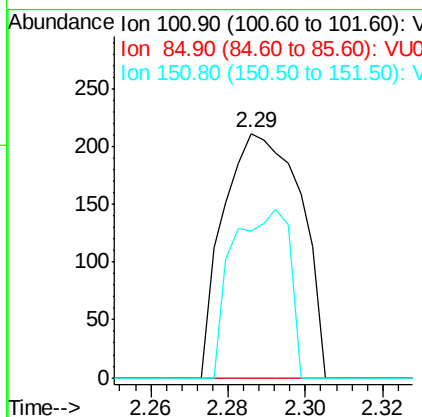
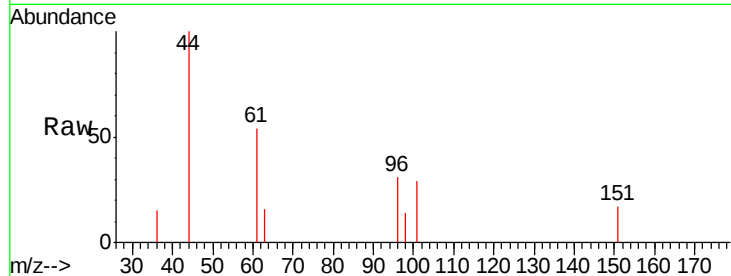
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	101	Resp:	292
Ion Ratio	Lower	Upper	
101	100		
85	0.0	37.5	56.3#
151	51.0	55.6	83.4#

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10/16/2018 2:22:56 PM



#14

Allyl chloride

Concen: 0.23 ug/l

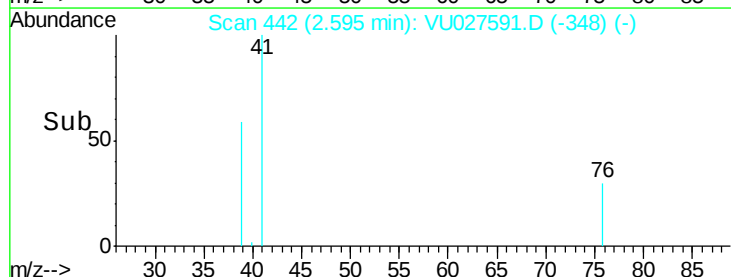
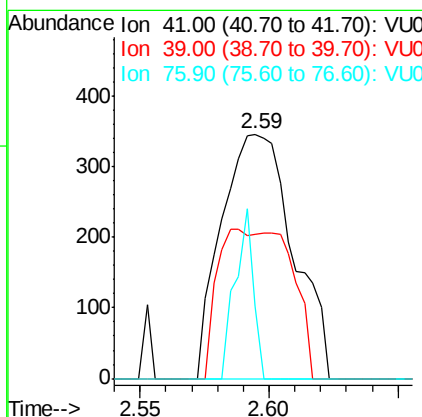
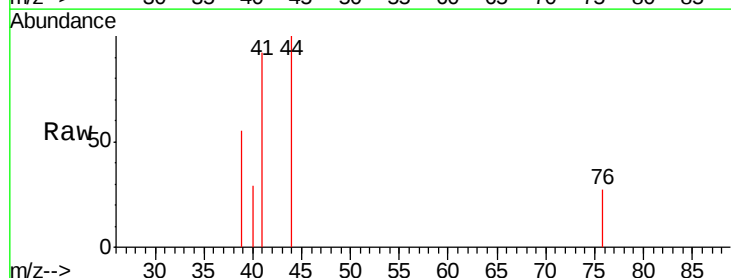
RT: 2.59 min Scan# 442

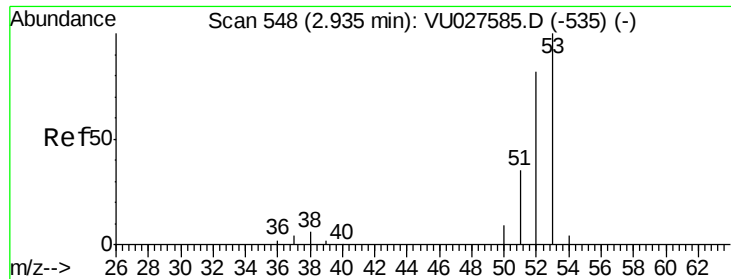
Delta R.T. 0.00 min

Lab File: VU027591.D

Acq: 11 Oct 2018 12:14

Tgt Ion:	41	Resp:	669
Ion Ratio	Lower	Upper	
41	100		
39	33.2	51.8	77.8#
76	17.6	25.9	38.9#





#15

Acrylonitrile

Concen: 0.99 ug/l

RT: 2.94 min Scan# 550

Delta R.T. 0.01 min

Lab File: VU027591.D

Acq: 11 Oct 2018 12:14

Instrument :

MSVOA_U

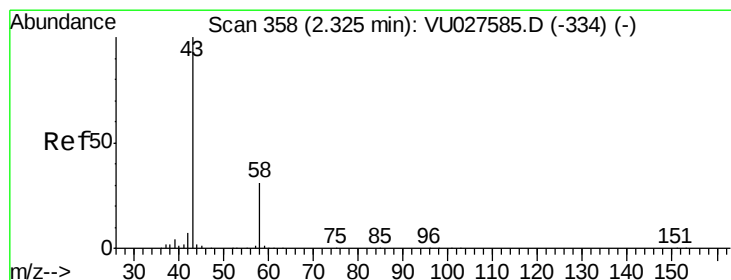
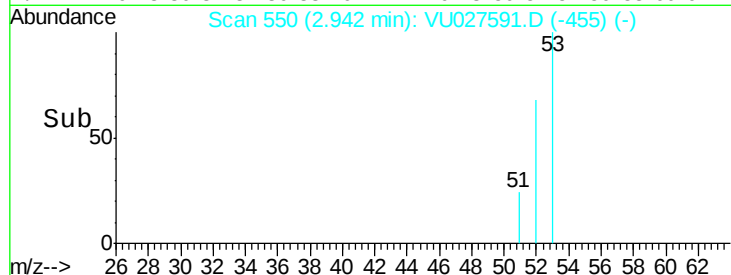
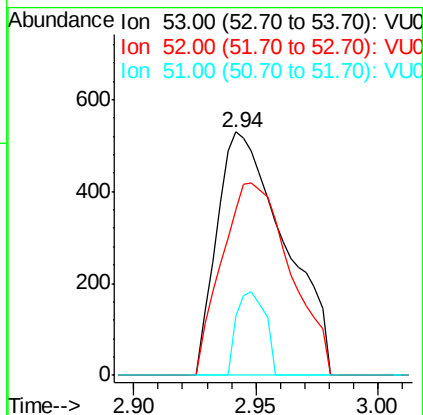
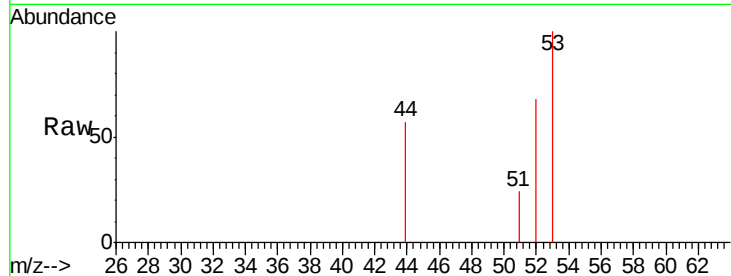
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	53	Resp:	1021
Ion	Ratio	Lower	Upper
53	100		
52	79.6	66.5	99.7
51	14.4	27.6	41.4#

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#16

Acetone

Concen: 1.76 ug/l

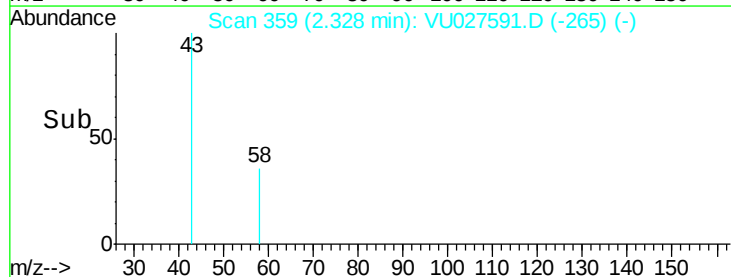
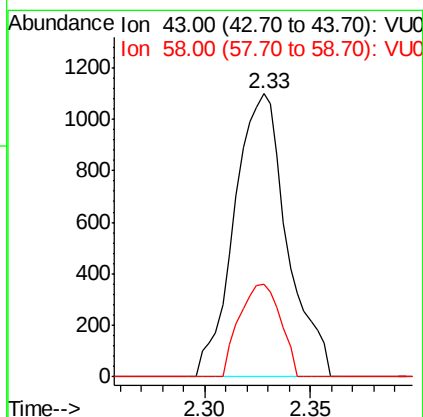
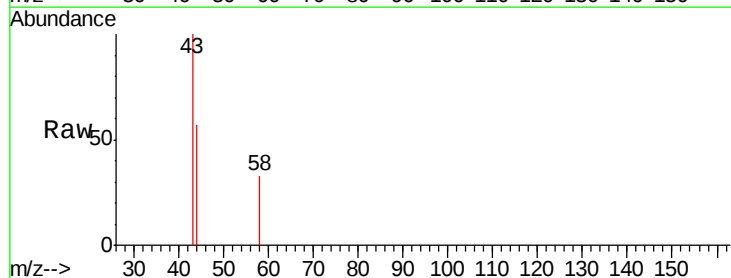
RT: 2.33 min Scan# 359

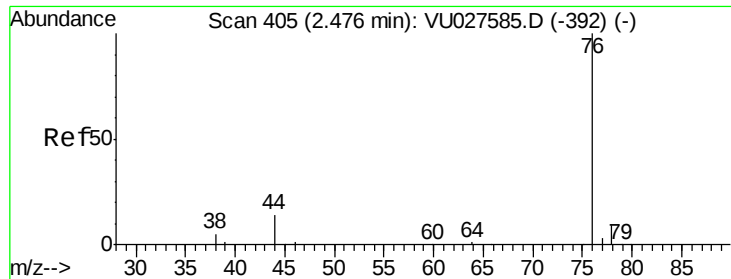
Delta R.T. 0.00 min

Lab File: VU027591.D

Acq: 11 Oct 2018 12:14

Tgt Ion:	43	Resp:	1915
Ion	Ratio	Lower	Upper
43	100		
58	32.9	24.2	36.4





#17

Carbon Disulfide

Concen: 0.49 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027591.D

Acq: 11 Oct 2018 12:14

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion: 76 Resp: 1968

Ion Ratio Lower Upper

76 100

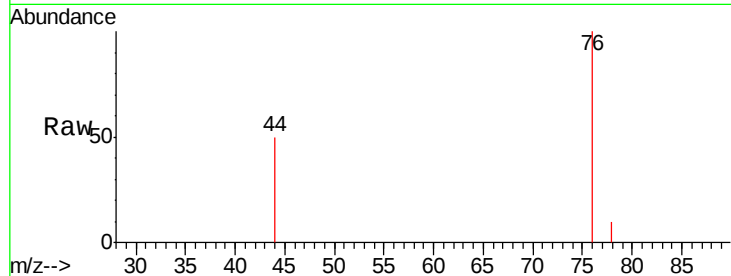
78 10.4 7.3 10.9

Manual Integrations

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10/16/2018 2:22:56 PM



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

2.48

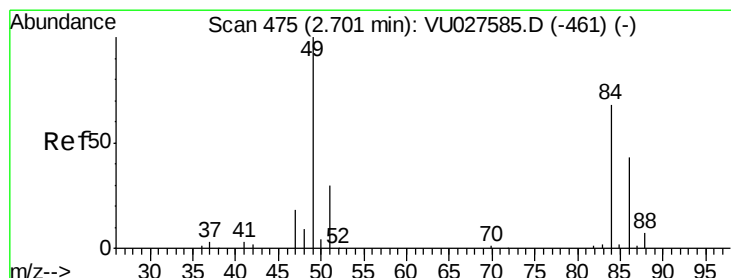
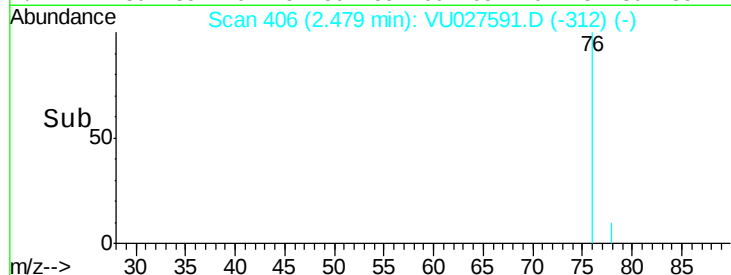
1500

1000

500

0

Time-->



#20

Methylene Chloride

Concen: 0.25 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU027591.D

Acq: 11 Oct 2018 12:14

Tgt Ion: 84 Resp: 378

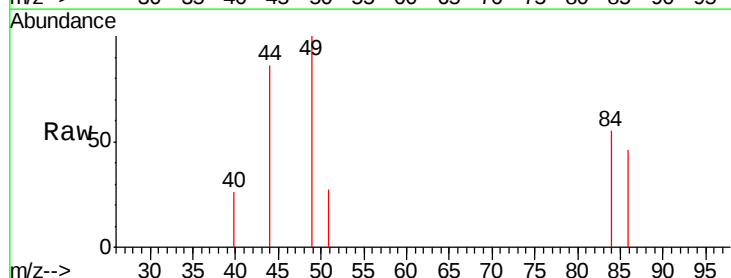
Ion Ratio Lower Upper

84 100

49 183.5 120.5 180.7#

51 49.5 35.1 52.7

86 83.5 50.5 75.7#



Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0

600

500

400

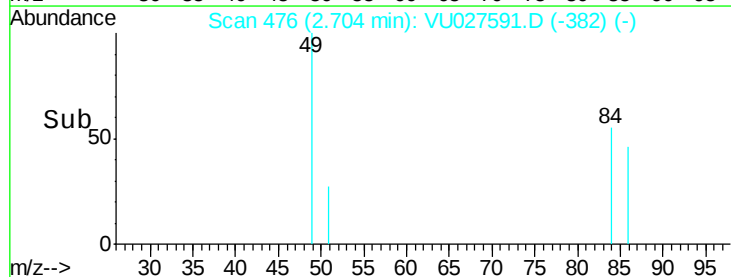
300

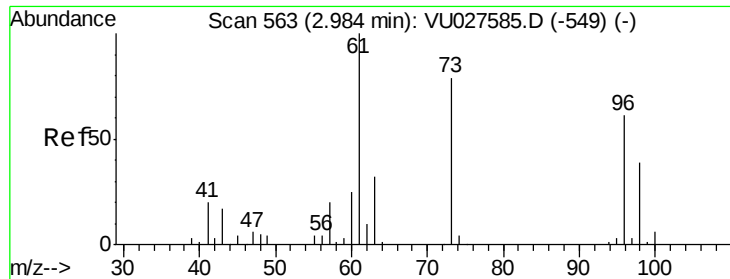
200

100

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 0.23 ug/l

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU027591.D

Acq: 11 Oct 2018 12:14

Instrument :

MSVOA_U

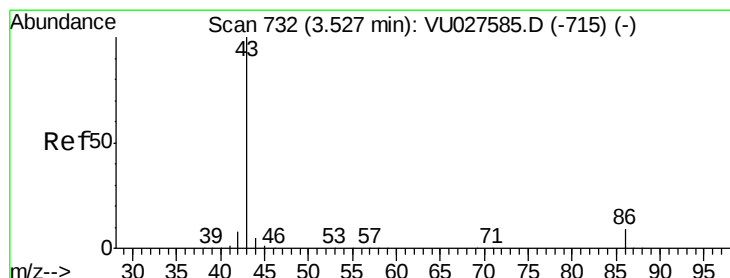
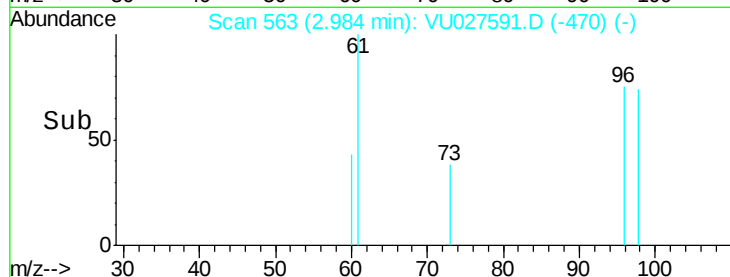
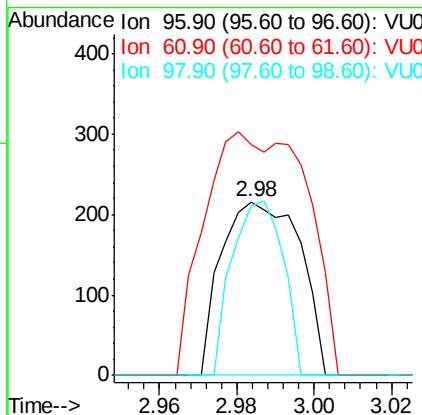
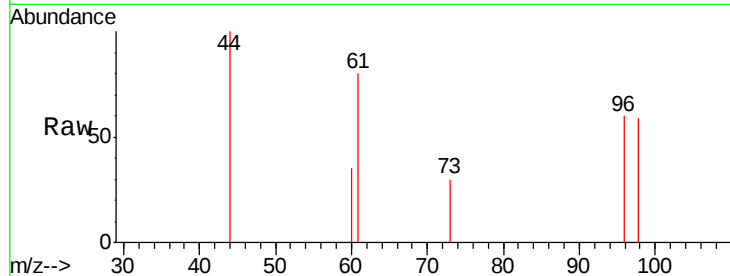
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	96	Resp:	305
Ion	Ratio	Lower	Upper
96	100		
61	132.9	129.4	194.2
98	97.7	51.2	76.8#

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10/16/2018 2:22:56 PM



#23

Vinyl Acetate

Concen: 0.91 ug/l

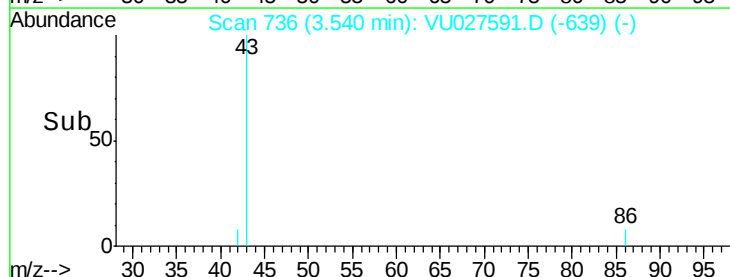
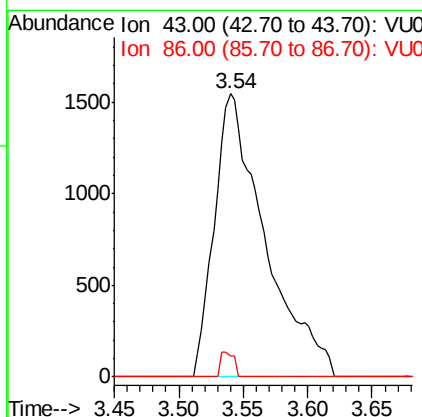
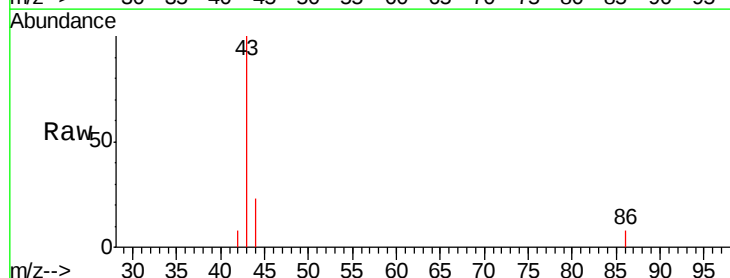
RT: 3.54 min Scan# 736

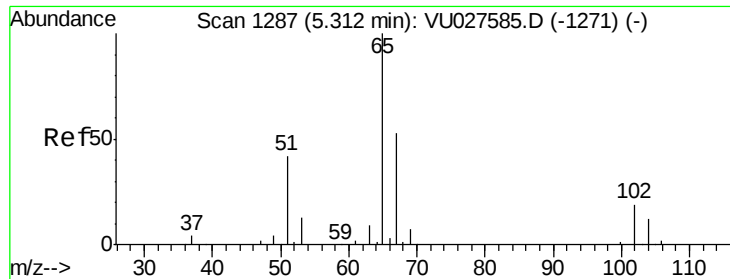
Delta R.T. 0.01 min

Lab File: VU027591.D

Acq: 11 Oct 2018 12:14

Tgt Ion:	43	Resp:	4224
Ion	Ratio	Lower	Upper
43	100		
86	7.6	7.0	10.4





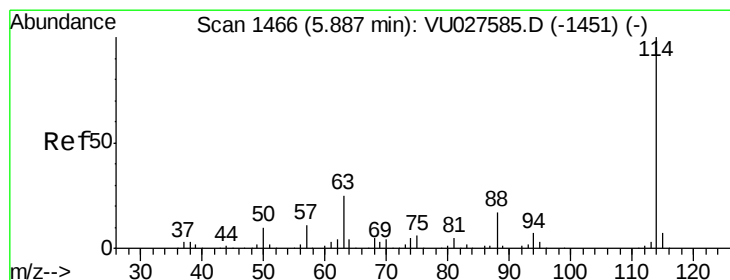
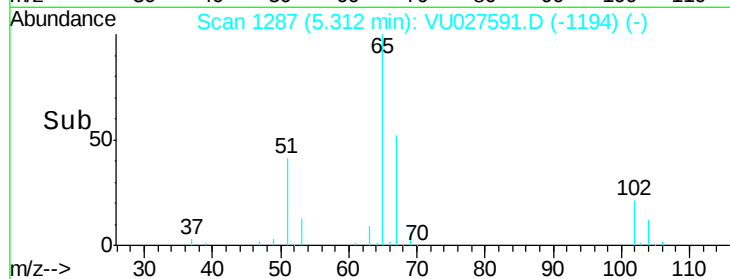
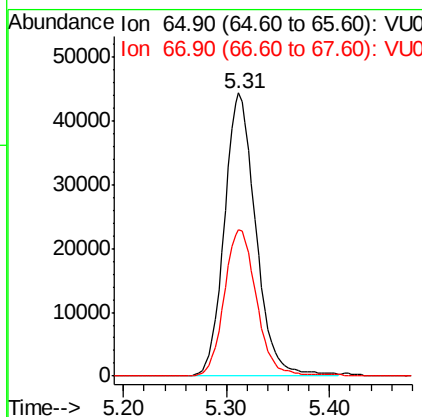
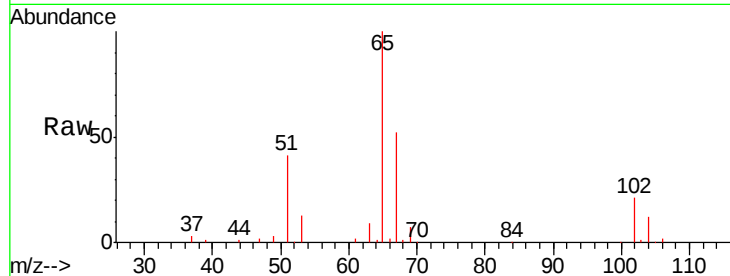
#33
 1,2-Dichloroethane-d4
 Concen: 52.86 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU027591.D
 Acq: 11 Oct 2018 12:14

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion: 65 Resp: 94191
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.8

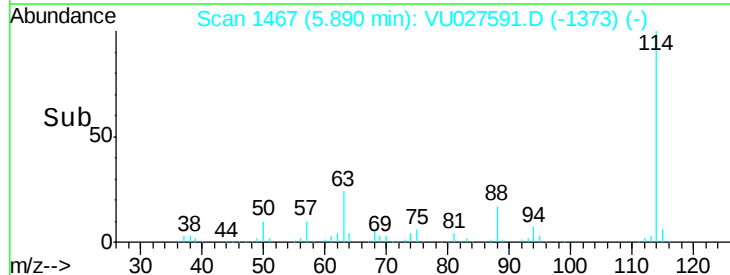
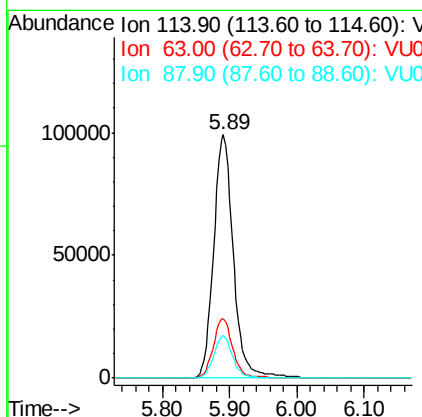
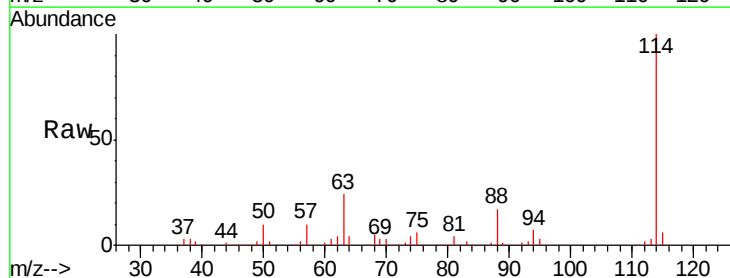
Manual Integrations
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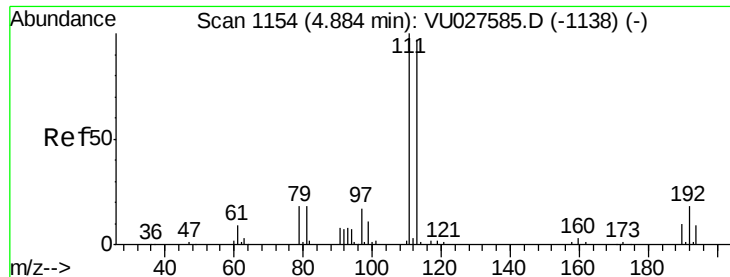
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 10/16/2018 2:22:56 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027591.D
 Acq: 11 Oct 2018 12:14

Tgt Ion: 114 Resp: 202359
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 50.2
 88 17.3 0.0 33.8





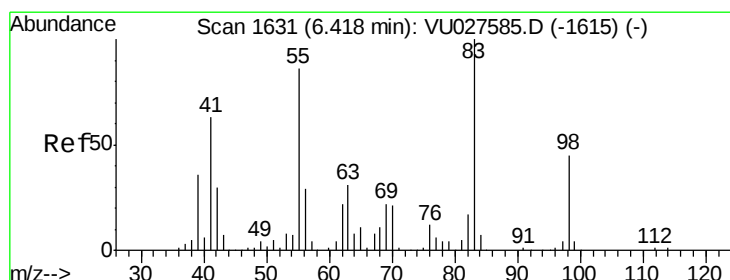
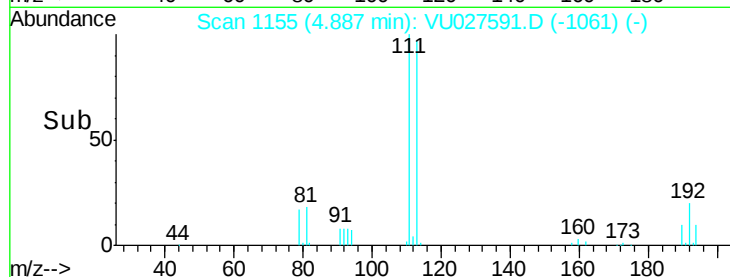
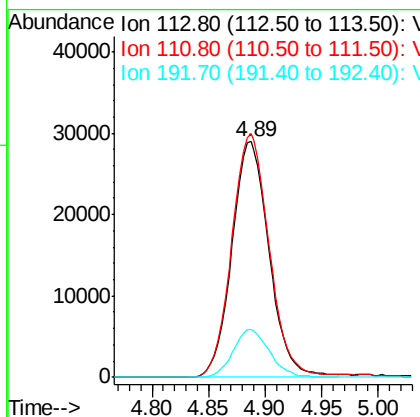
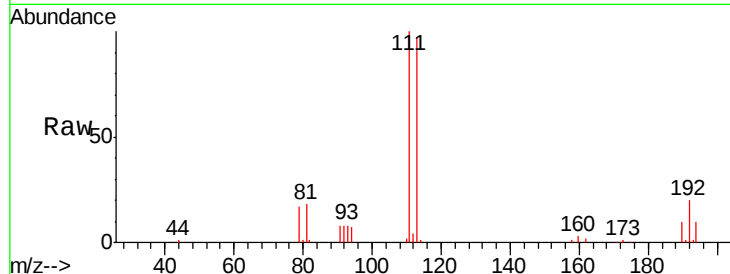
#35
Dibromofluoromethane
Concen: 49.59 ug/l
RT: 4.89 min Scan# 1155
Delta R.T. 0.00 min
Lab File: VU027591.D
Acq: 11 Oct 2018 12:14

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	66397		
111	103.6	83.1	124.7	
192	19.8	15.4	23.0	

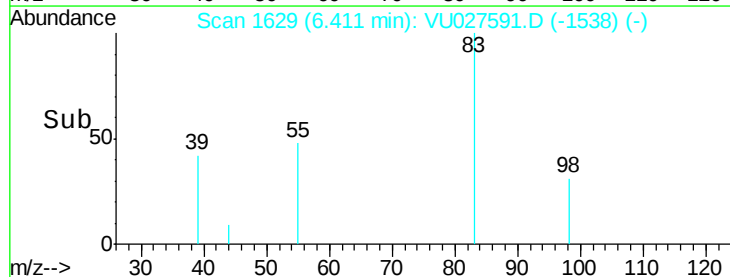
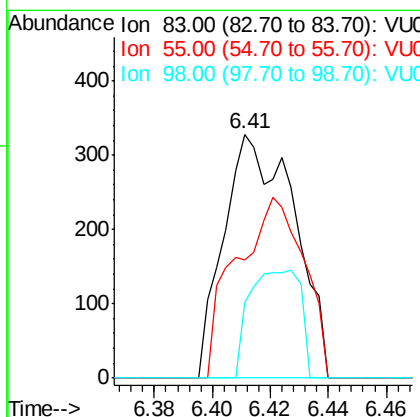
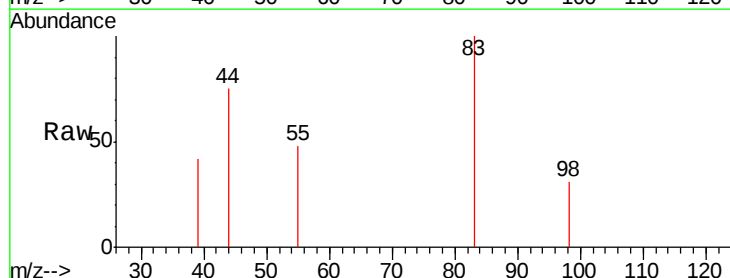
Manual Integrations
APPROVED

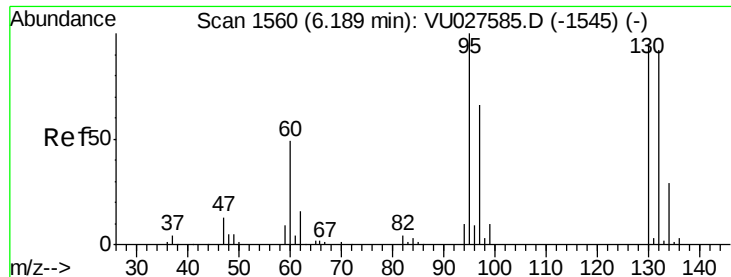
MMDadoda
10/16/2018 2:22:56 PM



#39
Methylcyclohexane
Concen: 0.24 ug/l
RT: 6.41 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VU027591.D
Acq: 11 Oct 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	553		
55	48.5	71.1	106.7#	
98	31.1	36.3	54.5#	





#44

Trichloroethene

Concen: 0.23 ug/l

RT: 6.20 min Scan# 1563

Delta R.T. 0.01 min

Lab File: VU027591.D

Acq: 11 Oct 2018 12:14

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:130 Resp: 320

Ion Ratio Lower Upper

130 100

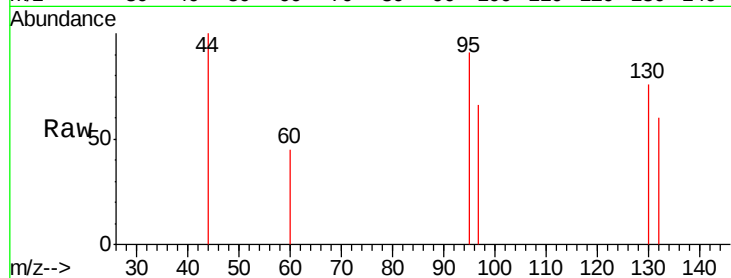
95 118.6 0.0 207.0

Manual Integrations

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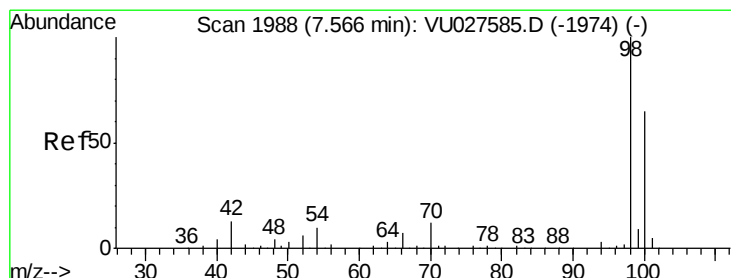
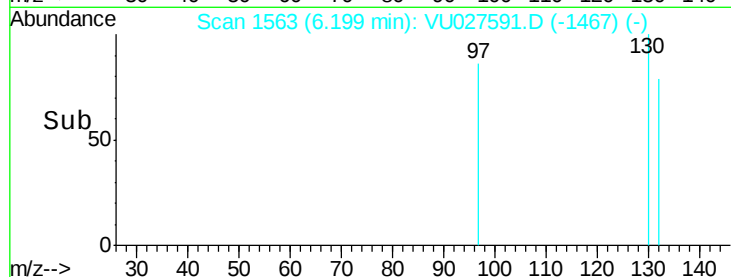
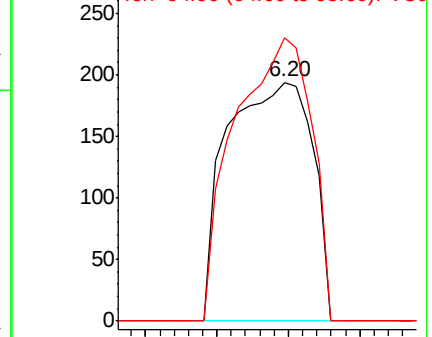
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0



#50

Toluene-d8

Concen: 47.59 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027591.D

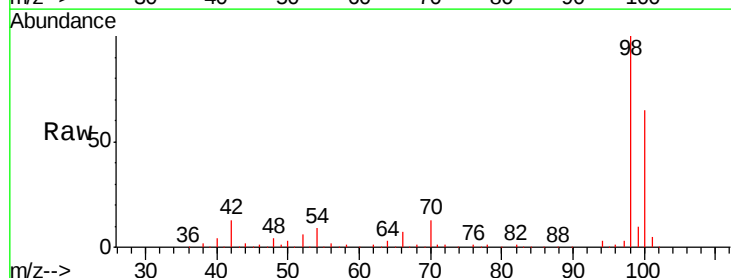
Acq: 11 Oct 2018 12:14

Tgt Ion: 98 Resp: 242604

Ion Ratio Lower Upper

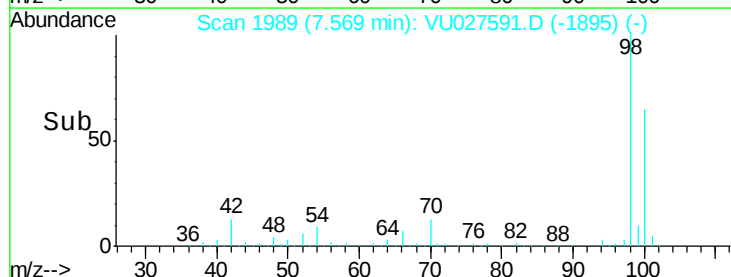
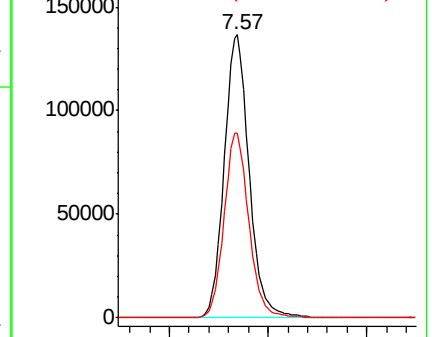
98 100

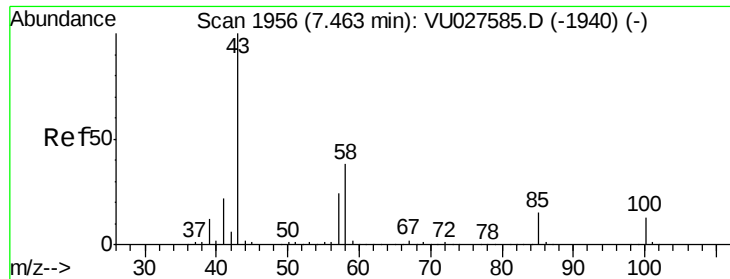
100 65.1 52.1 78.1



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: 0.78 ug/l

RT: 7.47 min Scan# 1958

Delta R.T. 0.01 min

Lab File: VU027591.D

Acq: 11 Oct 2018 12:14

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion: 43 Resp: 2250

Ion Ratio Lower Upper

43 100

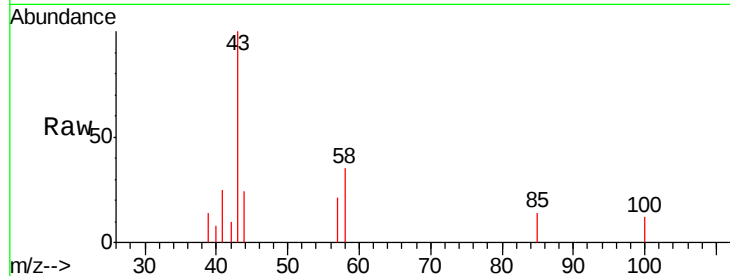
58 34.1 29.8 44.8

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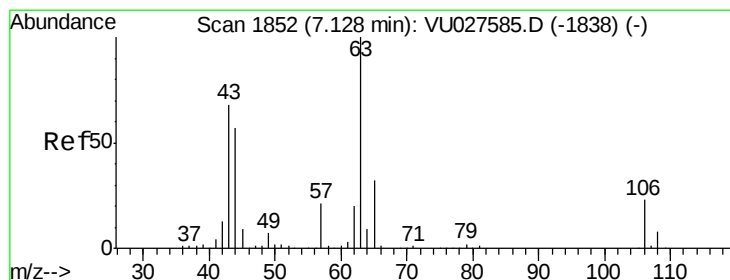
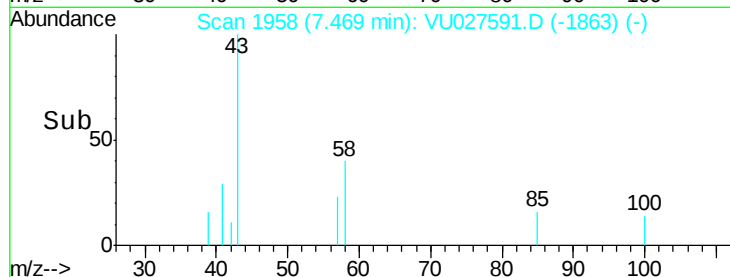
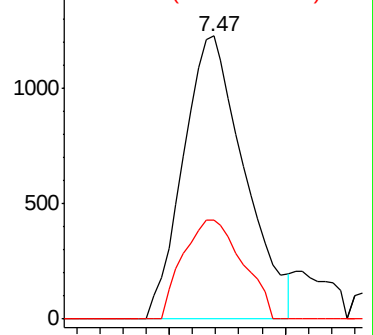
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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 6.19 ug/l

RT: 7.14 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VU027591.D

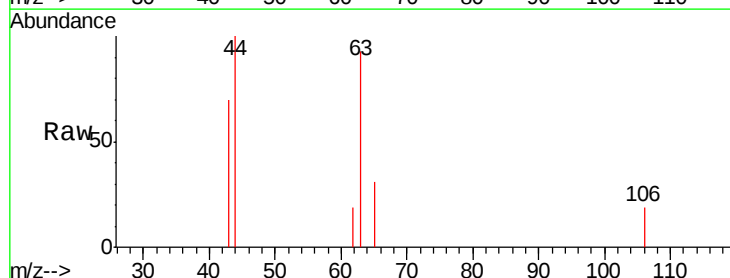
Acq: 11 Oct 2018 12:14

Tgt Ion: 63 Resp: 970

Ion Ratio Lower Upper

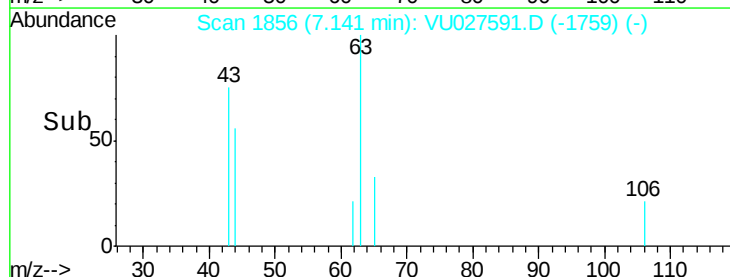
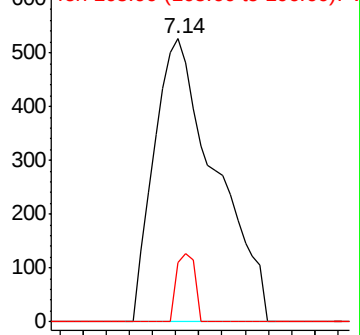
63 100

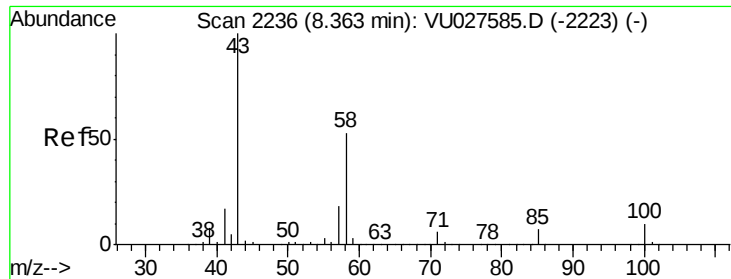
106 6.9 18.5 27.7#



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V





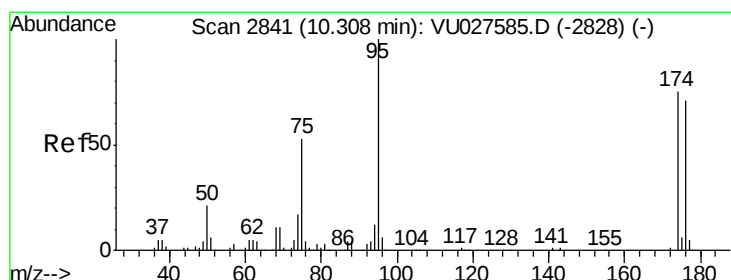
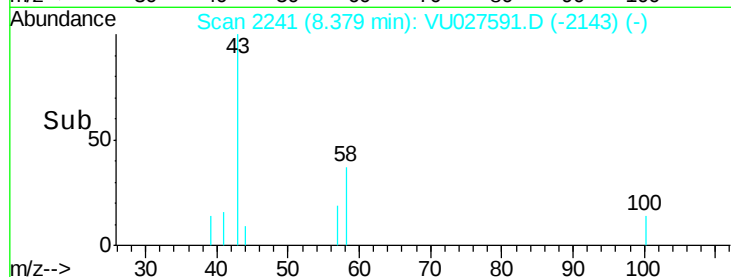
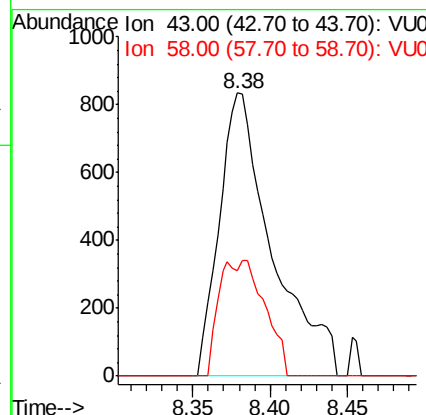
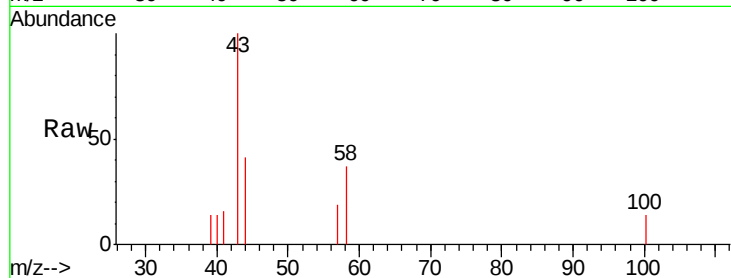
#59
2-Hexanone
Concen: 0.88 ug/l
RT: 8.38 min Scan# 2241
Delta R.T. 0.02 min
Lab File: VU027591.D
Acq: 11 Oct 2018 12:14

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion: 43 Resp: 1978
Ion Ratio Lower Upper
43 100
58 16.0 26.1 78.3#

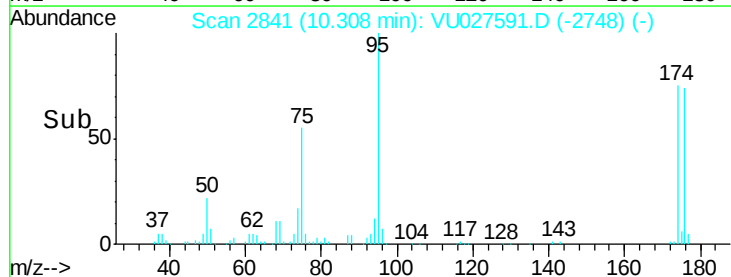
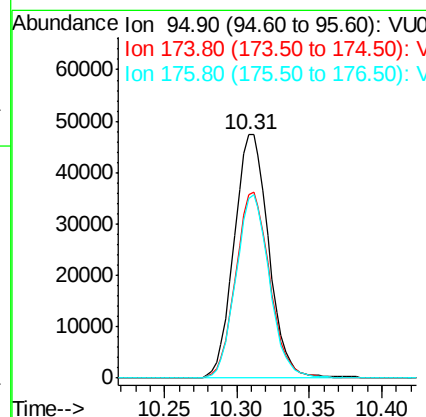
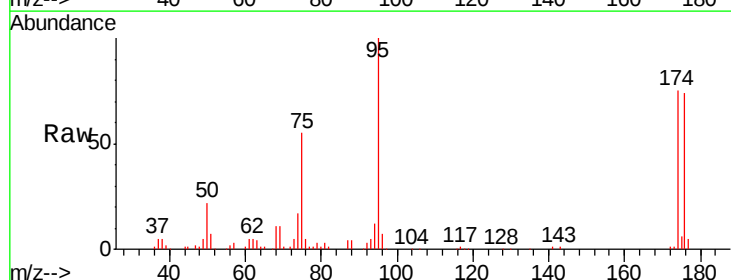
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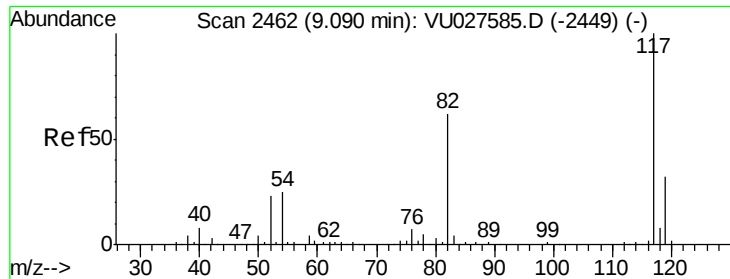
MMDadoda
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#62
4-Bromofluorobenzene
Concen: 42.78 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027591.D
Acq: 11 Oct 2018 12:14

Tgt Ion: 95 Resp: 78670
Ion Ratio Lower Upper
95 100
174 75.4 0.0 147.8
176 72.9 0.0 140.8





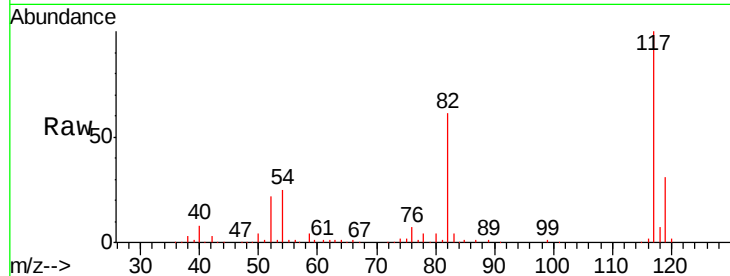
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027591.D
Acq: 11 Oct 2018 12:14

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2018

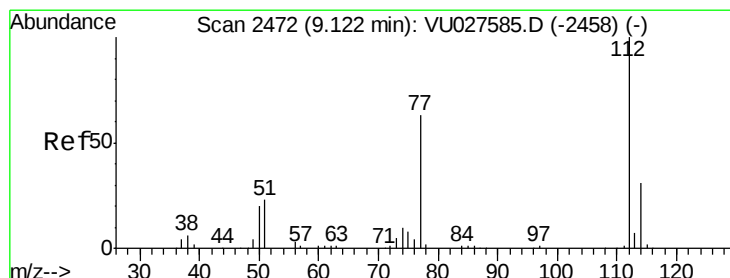
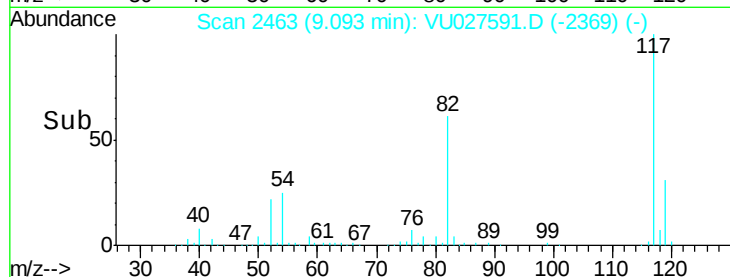
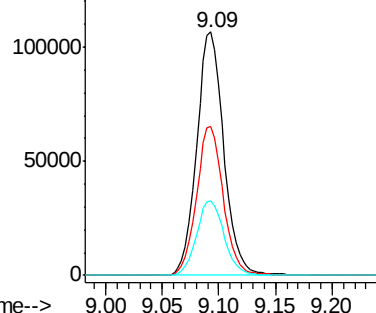
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	177898		
82	61.3	49.2	73.8	
119	30.7	25.7	38.5	

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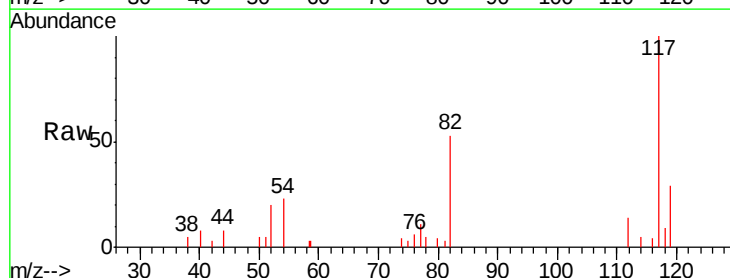


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

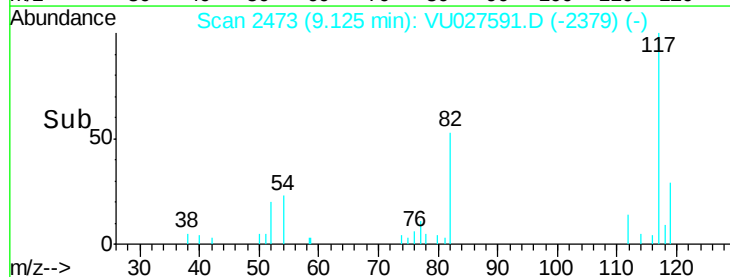
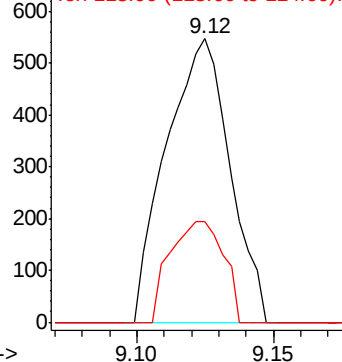


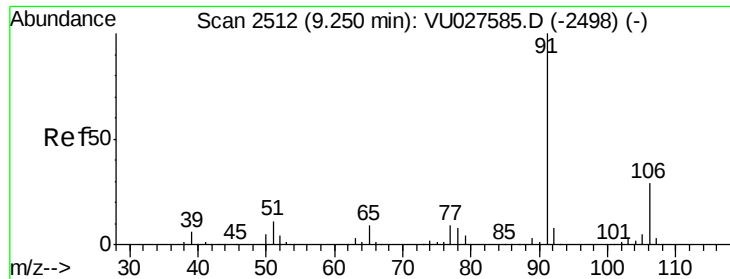
#65
Chlorobenzene
Concen: 0.24 ug/l
RT: 9.12 min Scan# 2473
Delta R.T. 0.00 min
Lab File: VU027591.D
Acq: 11 Oct 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	885		
114	35.6	25.8	38.6	



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





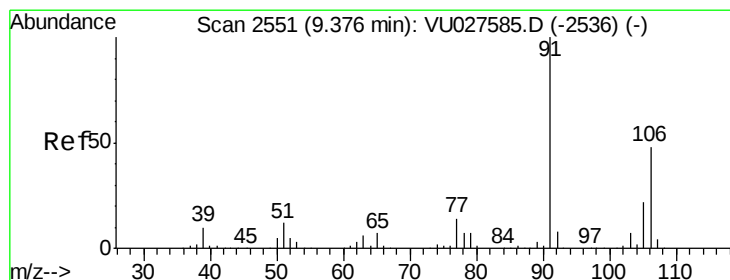
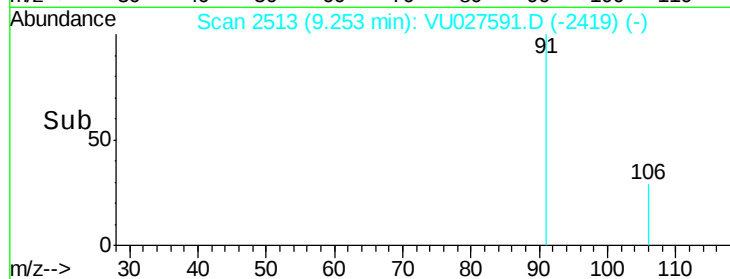
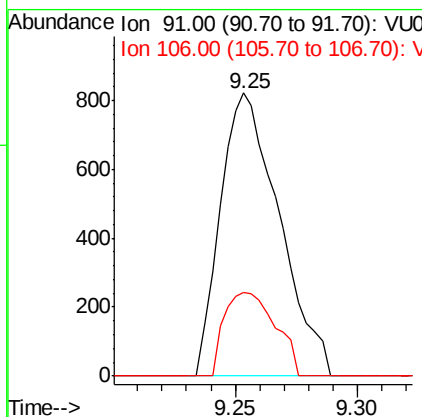
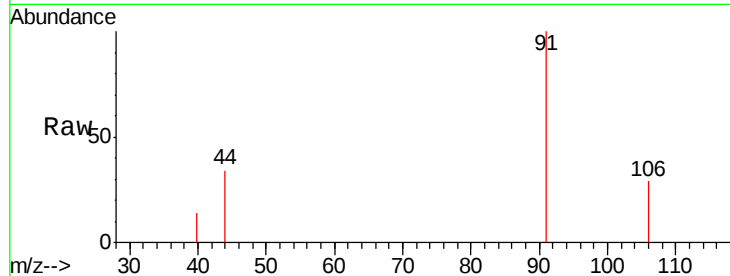
#67
Ethyl Benzene
Concen: 0.22 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027591.D
Acq: 11 Oct 2018 12:14

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion: 91 Resp: 1375
Ion Ratio Lower Upper
91 100
106 29.4 23.6 35.4

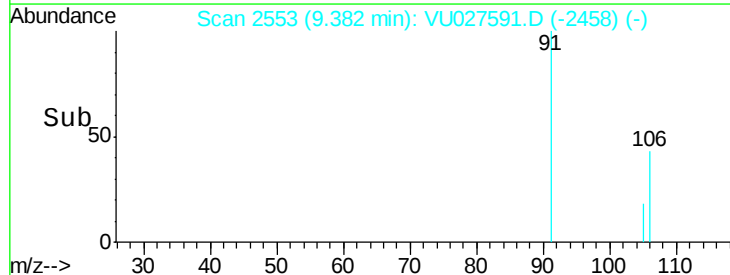
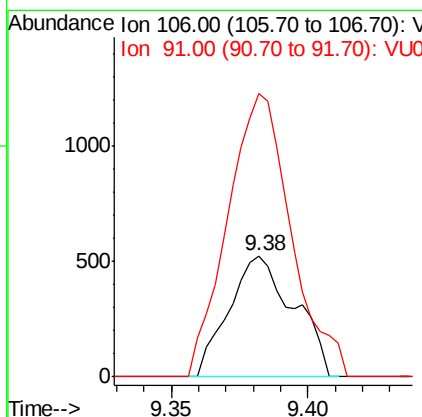
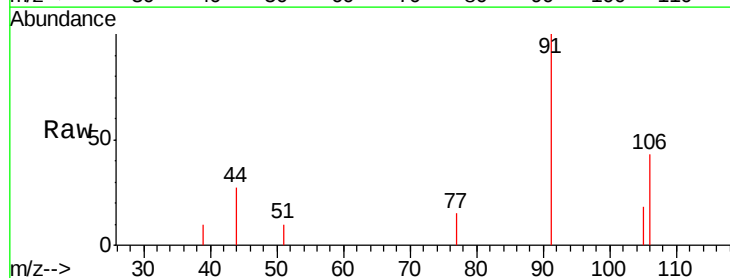
Manual Integrations
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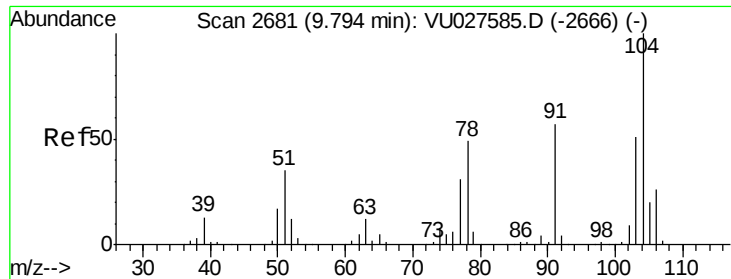
MMDadoda
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#68
m/p-Xylenes
Concen: 0.38 ug/l
RT: 9.38 min Scan# 2553
Delta R.T. 0.01 min
Lab File: VU027591.D
Acq: 11 Oct 2018 12:14

Tgt Ion: 106 Resp: 867
Ion Ratio Lower Upper
106 100
91 228.8 168.1 252.1





#70

Styrene

Concen: 1.40 ug/l

RT: 9.80 min Scan# 2684

Delta R.T. 0.01 min

Lab File: VU027591.D

Acq: 11 Oct 2018 12:14

Instrument :

MSVOA_U

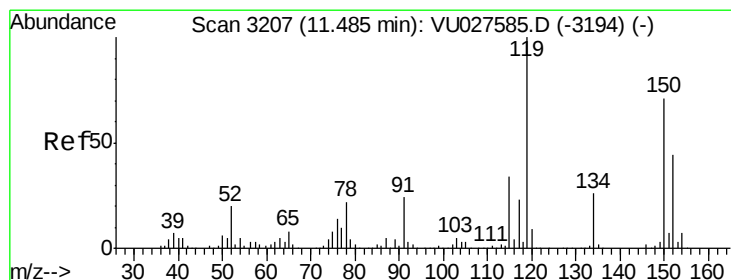
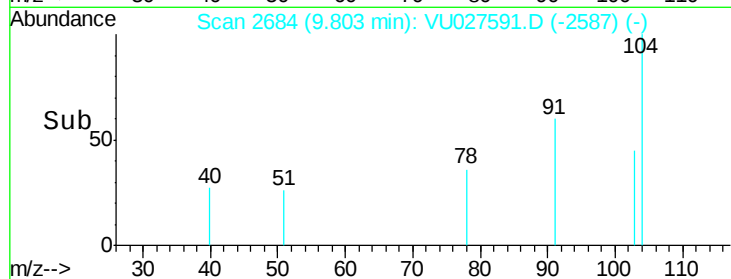
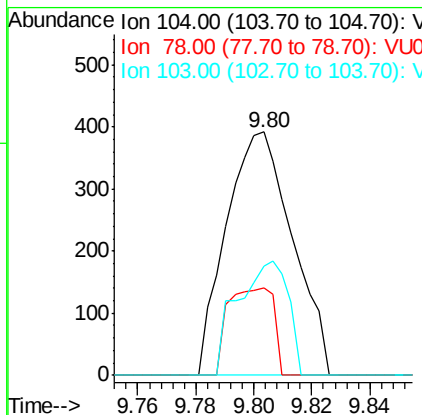
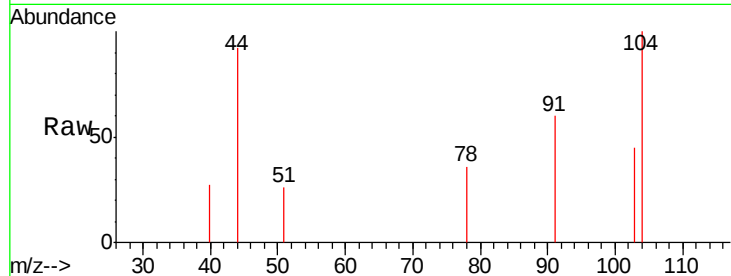
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
104	100		
78	24.5	42.9	64.3#
103	36.0	43.9	65.9#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

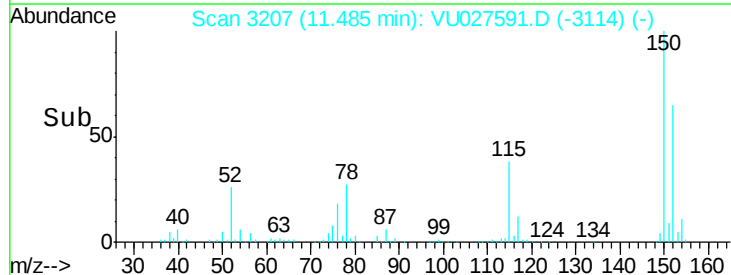
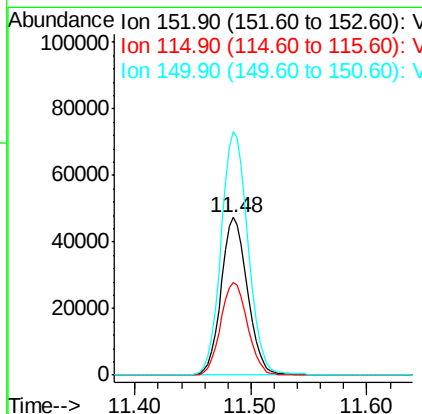
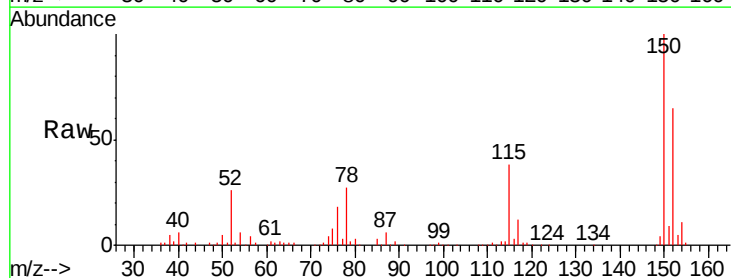
RT: 11.48 min Scan# 3207

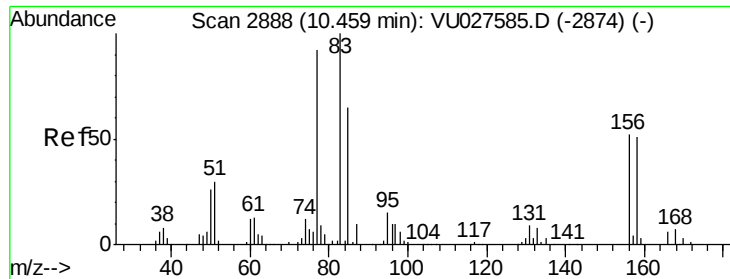
Delta R.T. -0.00 min

Lab File: VU027591.D

Acq: 11 Oct 2018 12:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	43.4	130.2
150	157.4	0.0	349.2





#75

1,1,2,2-Tetrachloroethane

Concen: 0.20 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. -0.00 min

Lab File: VU027591.D

Acq: 11 Oct 2018 12:14

Instrument :

MSVOA_U

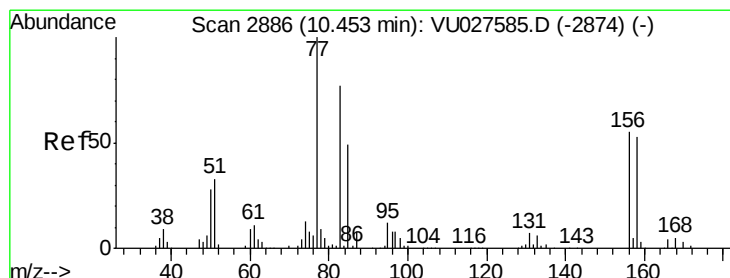
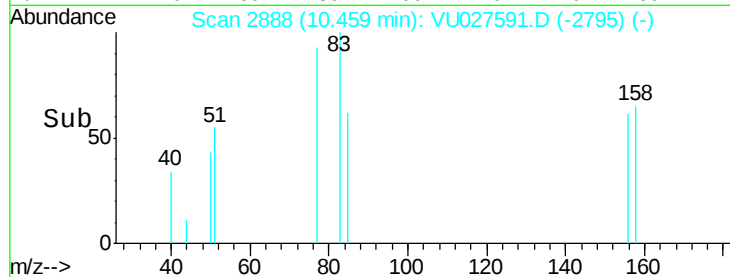
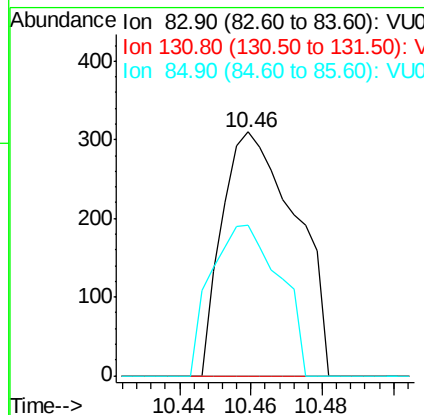
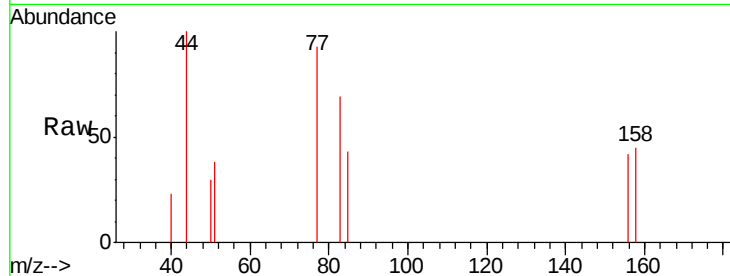
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.4	13.2#
85	57.8	32.0	96.0

Manual Integrations
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#77

Bromobenzene

Concen: 0.22 ug/l

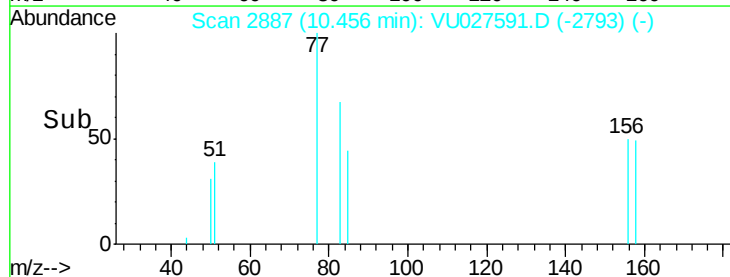
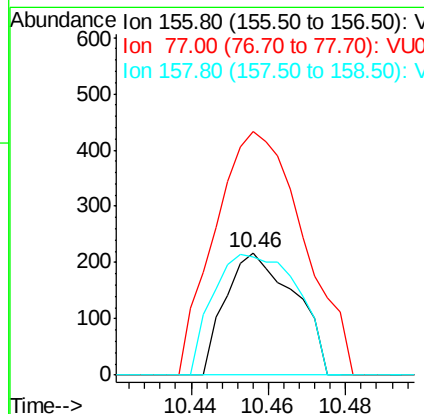
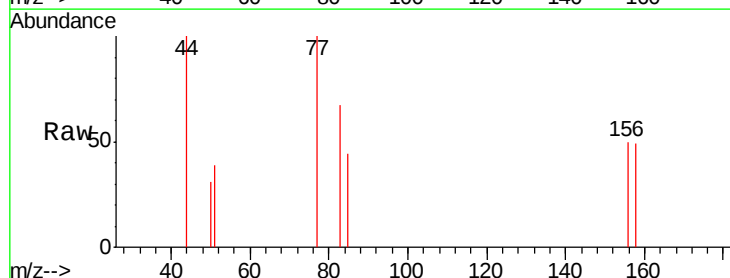
RT: 10.46 min Scan# 2887

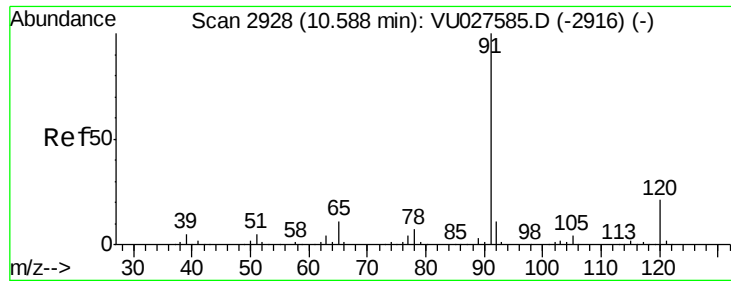
Delta R.T. 0.00 min

Lab File: VU027591.D

Acq: 11 Oct 2018 12:14

Tgt Ion	Ratio	Lower	Upper
156	100		
77	254.1	94.8	284.4
158	121.5	47.4	142.3





#78

n-propylbenzene

Concen: 0.24 ug/l m

RT: 10.59 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VU027591.D

Acq: 11 Oct 2018 12:14

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion: 91 Resp: 1469

Ion Ratio Lower Upper

91 100

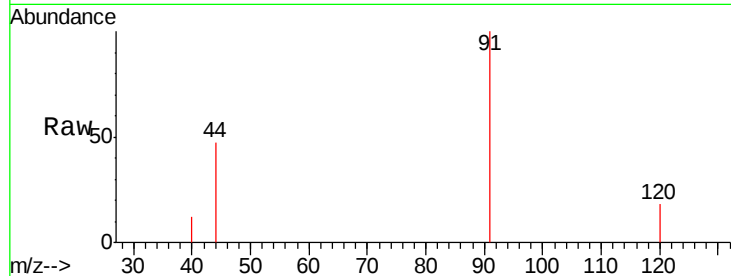
120 19.8 10.6 31.8

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Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

1000

800

600

400

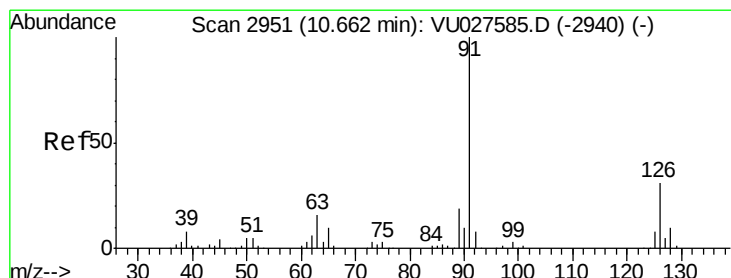
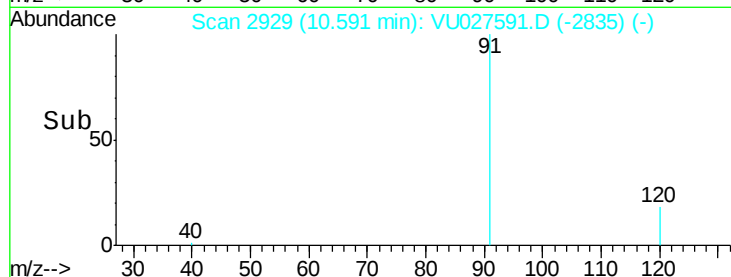
200

0

10.55

10.60

Time-->



#79

2-Chlorotoluene

Concen: 0.26 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. -0.00 min

Lab File: VU027591.D

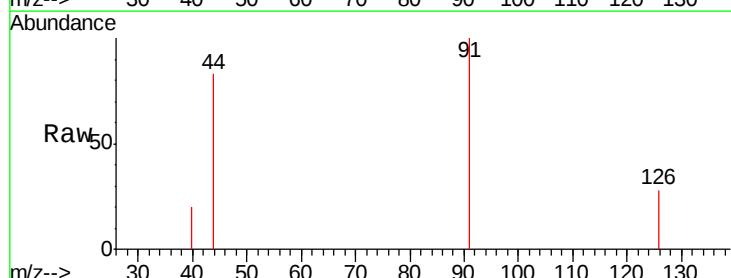
Acq: 11 Oct 2018 12:14

Tgt Ion: 91 Resp: 984

Ion Ratio Lower Upper

91 100

126 20.5 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

600

400

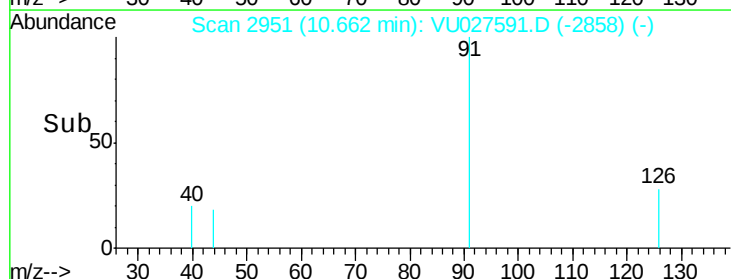
200

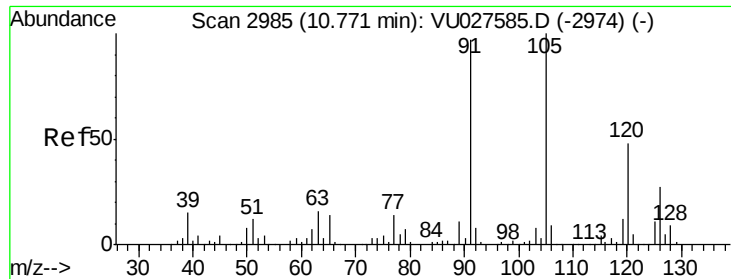
0

10.65

10.70

Time-->





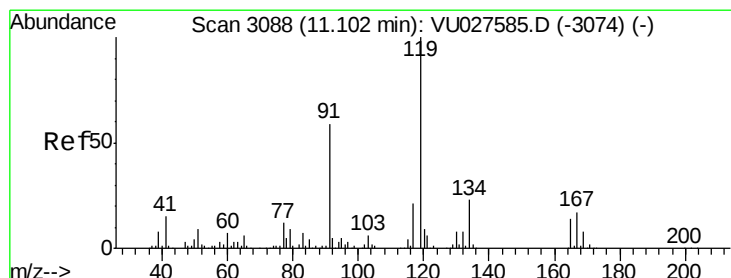
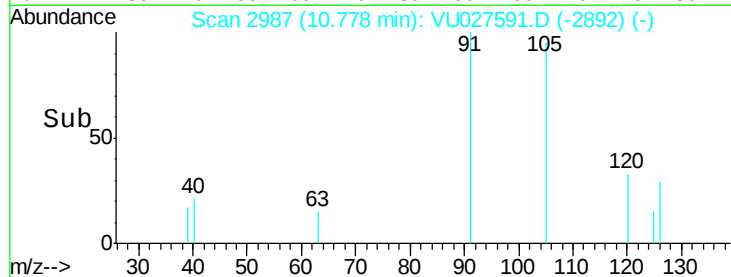
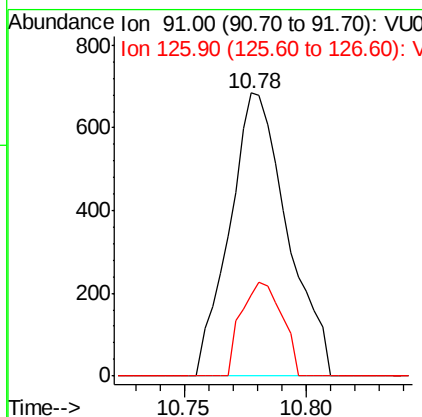
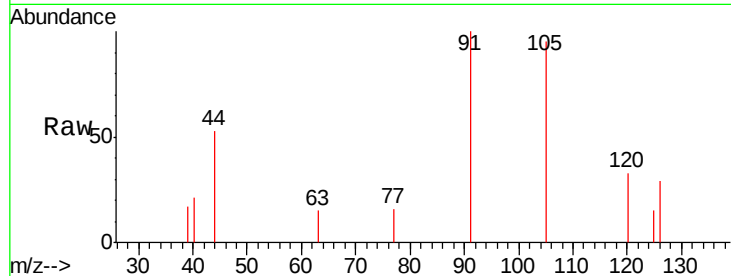
#82
4-Chlorotoluene
Concen: 0.27 ug/l
RT: 10.78 min Scan# 2987
Delta R.T. 0.01 min
Lab File: VU027591.D
Acq: 11 Oct 2018 12:14

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion: 91 Resp: 1122
Ion Ratio Lower Upper
91 100
126 23.4 13.6 40.8

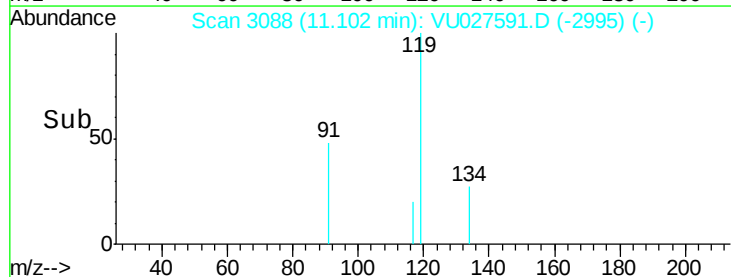
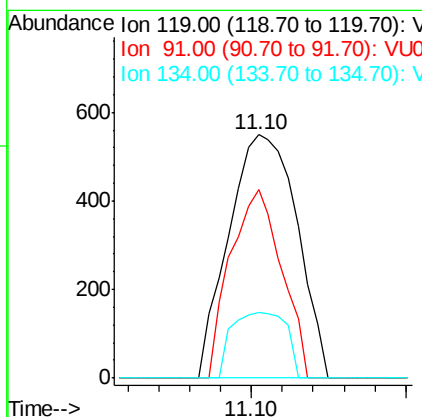
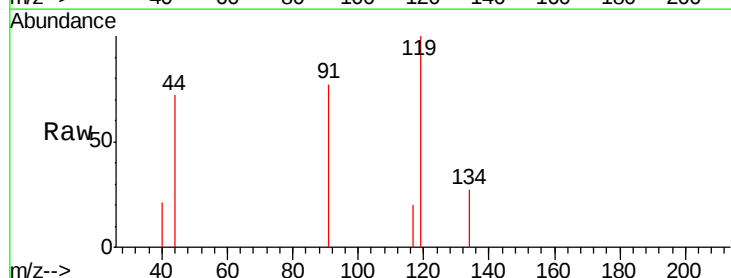
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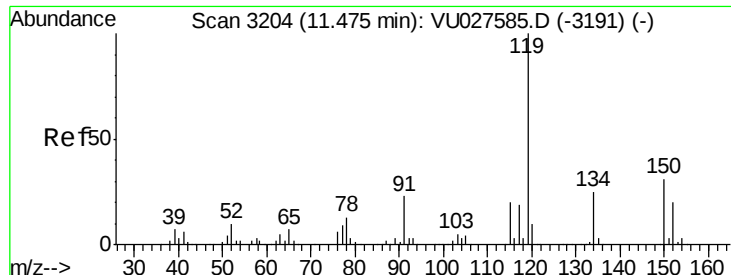
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10/16/2018 2:22:56 PM



#83
tert-Butylbenzene
Concen: 0.21 ug/l
RT: 11.10 min Scan# 3088
Delta R.T. -0.00 min
Lab File: VU027591.D
Acq: 11 Oct 2018 12:14

Tgt Ion: 119 Resp: 844
Ion Ratio Lower Upper
119 100
91 58.2 30.3 91.0
134 21.3 11.5 34.4





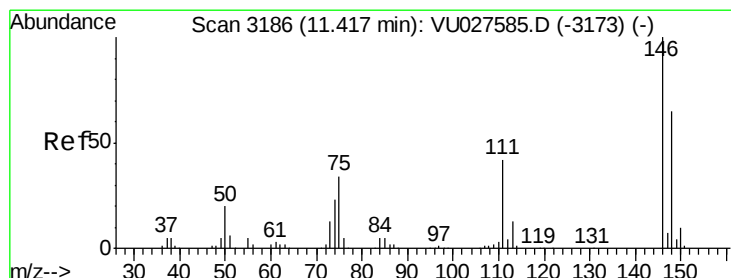
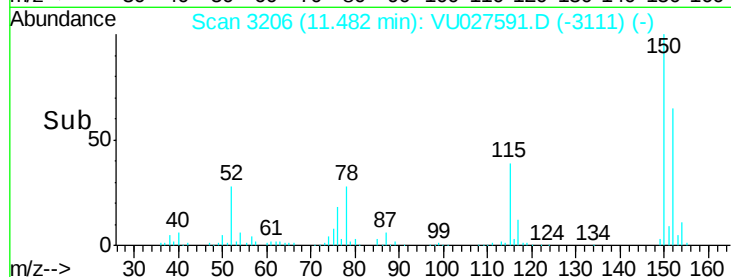
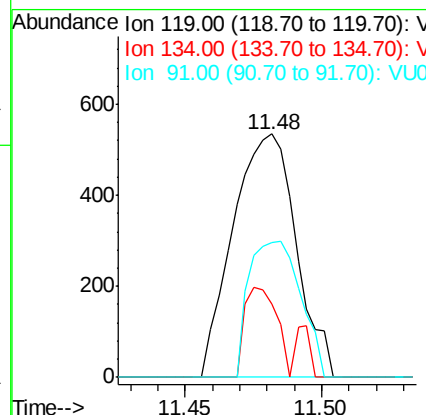
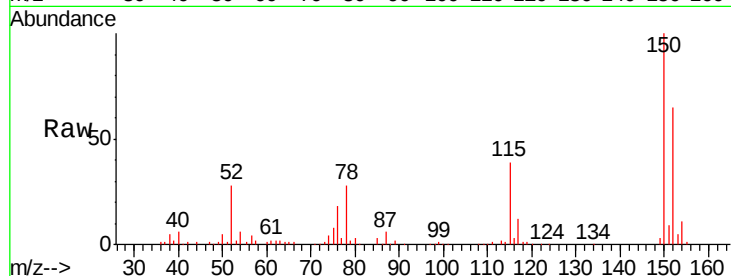
#86
p-Isopropyltoluene
Concen: 0.66 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.01 min
Lab File: VU027591.D
Acq: 11 Oct 2018 12:14

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
119	100		
134	18.5	12.7	38.1
91	45.8	12.2	36.4

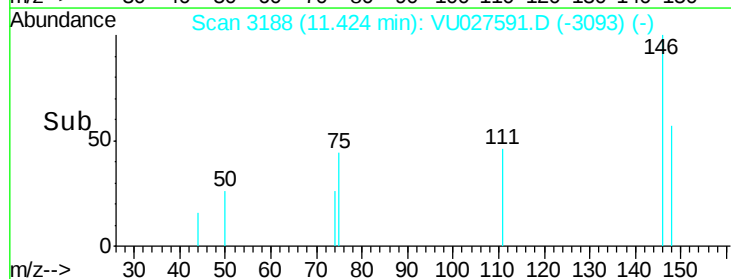
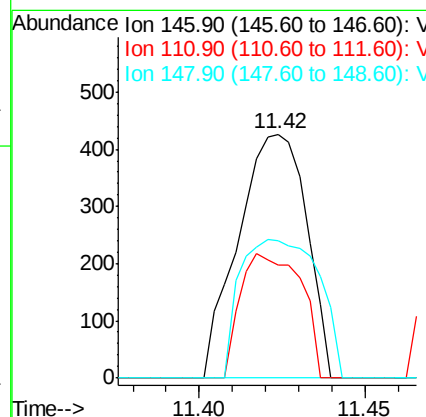
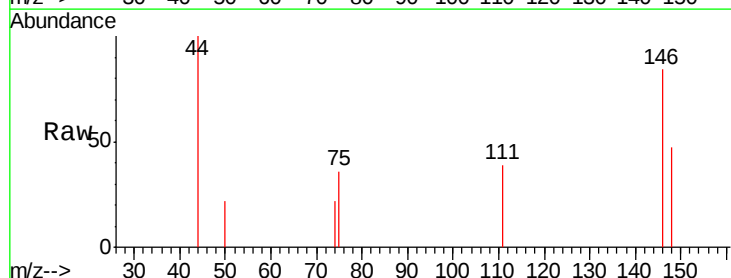
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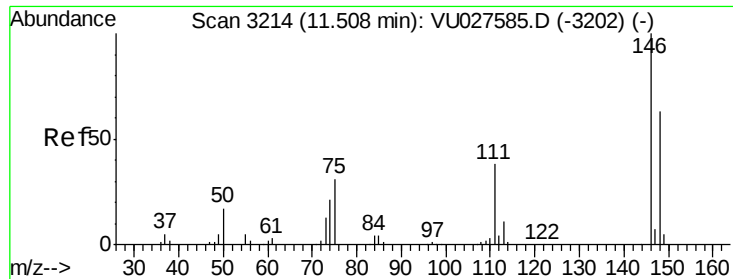
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#87
1,3-Dichlorobenzene
Concen: 0.27 ug/l
RT: 11.42 min Scan# 3188
Delta R.T. 0.01 min
Lab File: VU027591.D
Acq: 11 Oct 2018 12:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.2	20.8	62.5
148	65.3	31.6	94.8





#88

1,4-Dichlorobenzene

Concen: 0.39 ug/l m

RT: 11.51 min Scan# 3215

Delta R.T. 0.00 min

Lab File: VU027591.D

Acq: 11 Oct 2018 12:14

Instrument :

MSVOA_U

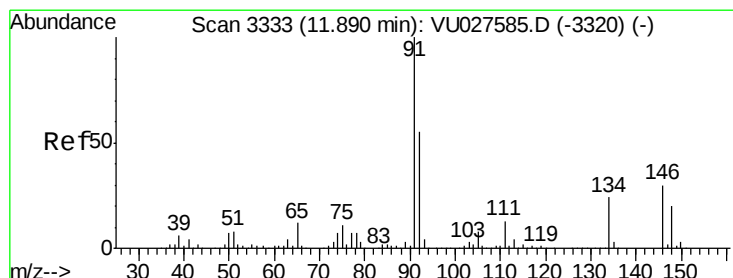
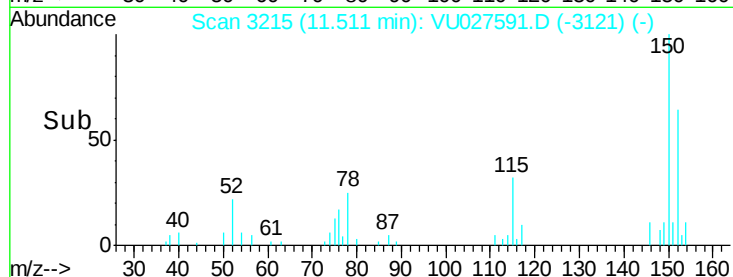
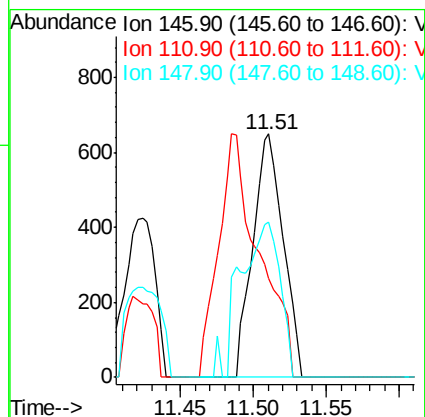
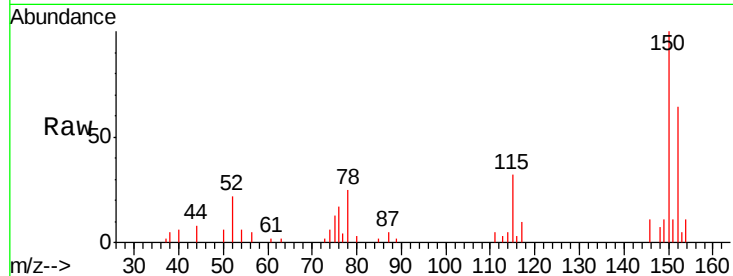
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	146	Resp:	934
Ion	Ratio	Lower	Upper
146	100		
111	29.6	20.4	61.2
148	42.7	31.9	95.5

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#89

n-Butylbenzene

Concen: 1.73 ug/l

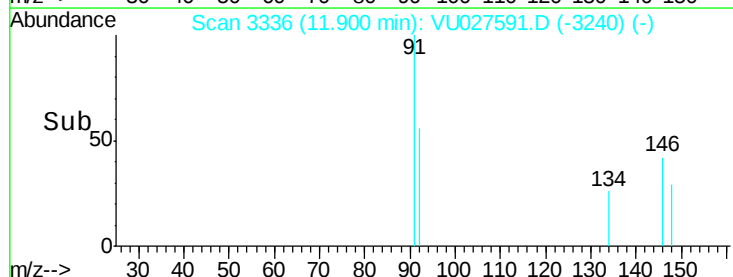
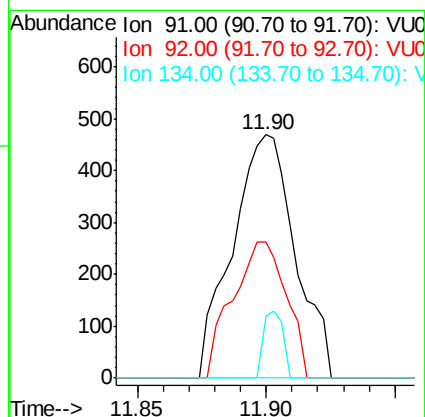
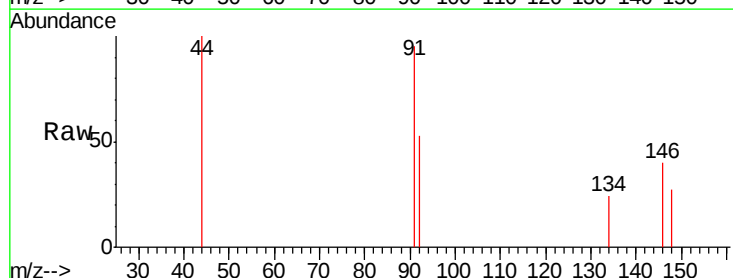
RT: 11.90 min Scan# 3336

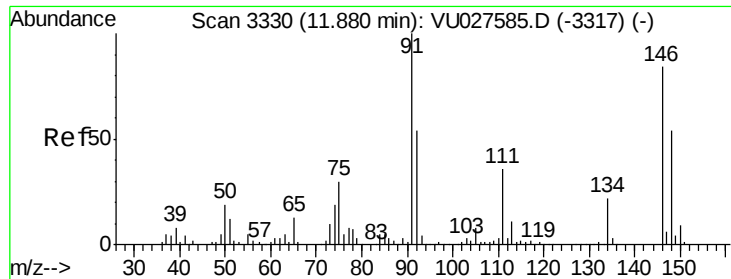
Delta R.T. 0.01 min

Lab File: VU027591.D

Acq: 11 Oct 2018 12:14

Tgt Ion:	91	Resp:	797
Ion	Ratio	Lower	Upper
91	100		
92	47.9	27.0	81.0
134	8.7	11.7	35.1#





#91
 1,2-Dichlorobenzene
 Concen: 0.25 ug/l
 RT: 11.89 min Scan# 3332
 Delta R.T. 0.01 min
 Lab File: VU027591.D
 Acq: 11 Oct 2018 12:14

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
146	100		
111	31.0	21.8	65.4
148	63.2	31.9	95.5

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