

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110518\
 Data File : VU027967.D
 Acq On : 05 Nov 2018 19:01
 Operator : MD/SY
 Sample : J5811-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DPC-91468-OW-01

Quant Time: Nov 06 03:26:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	195713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	371072	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	361649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	170225	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	158043	54.31	ug/l	0.00
Spiked Amount			Recovery	=	108.62%	
35) Dibromofluoromethane	4.90	113	95405	40.78	ug/l	0.01
Spiked Amount			Recovery	=	81.56%	
50) Toluene-d8	7.57	98	479542	53.06	ug/l	0.00
Spiked Amount			Recovery	=	106.12%	
62) 4-Bromofluorobenzene	10.31	95	182319	54.69	ug/l	0.00
Spiked Amount			Recovery	=	109.38%	

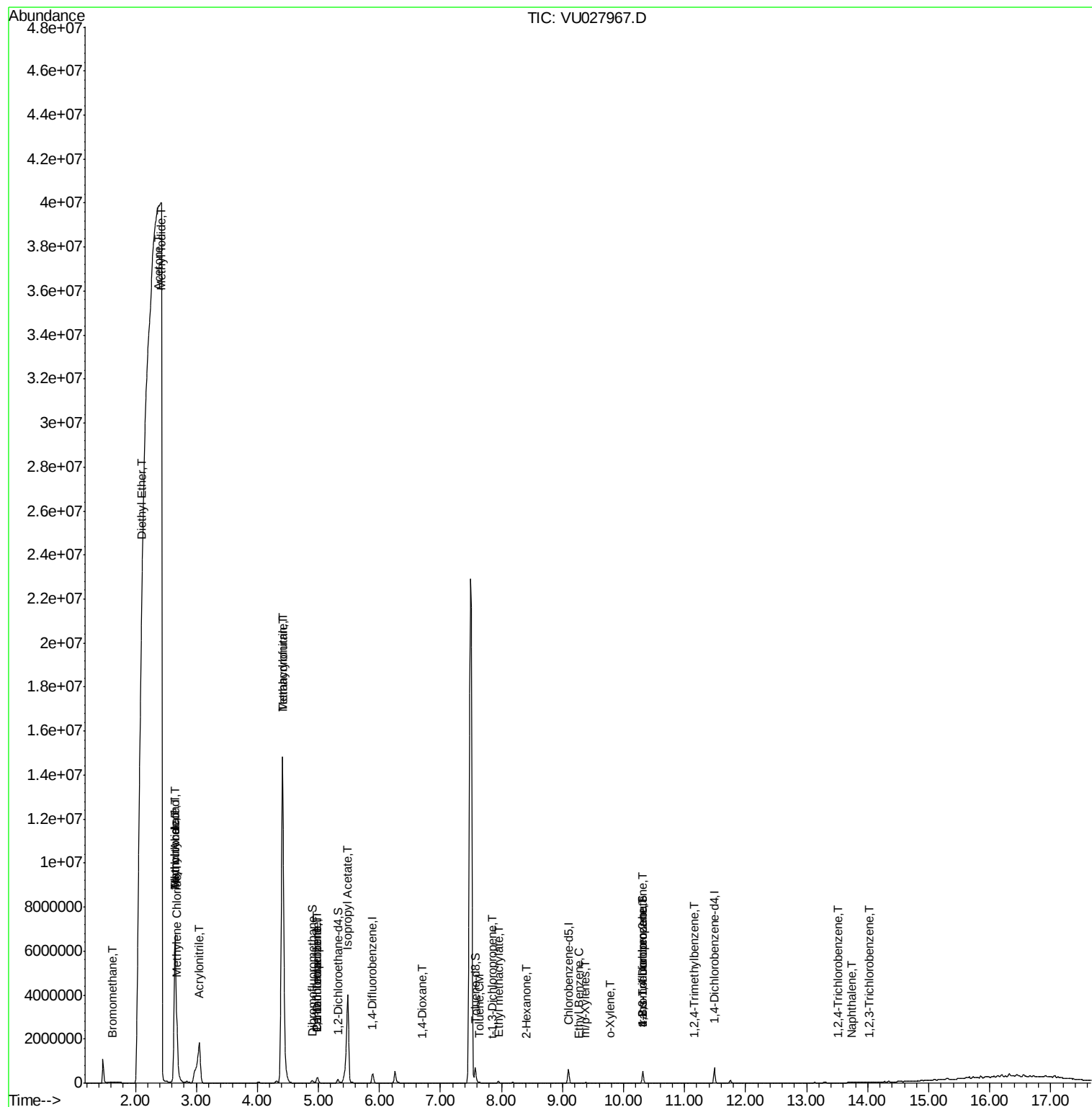
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.61	94	618	0.620	ug/l #	47
8) Diethyl Ether	2.10	74	997	0.675	ug/l #	1
10) Methyl Iodide	2.42	142	49	7.782	ug/l #	8
11) Tert butyl alcohol	2.65	59	852011	1106.059	ug/l #	73
13) Acrolein	2.20	56	831	Below Cal	#	15
14) Allyl chloride	2.65	41	148498	29.622	ug/l #	30
15) Acrylonitrile	3.05	53	35939	18.993	ug/l #	14
16) Acetone	2.36	43	83800860	46418.684	ug/l #	46
18) Methyl Acetate	2.65	43	10728217	2160.252	ug/l	99
20) Methylene Chloride	2.69	84	286209	108.581	ug/l	98
29) Tetrahydrofuran	4.41	42	1621119	845.293	ug/l #	45
31) Cyclohexane	4.99	56	4857	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	18377	4.729	ug/l #	50
38) Carbon Tetrachloride	4.98	117	19411	5.636	ug/l #	17
41) Methacrylonitrile	4.41	41	166208	54.693	ug/l #	32
43) Isopropyl Acetate	5.48	43	3679983	412.488	ug/l #	63
49) 1,4-Dioxane	6.70	88	19	0.266	ug/l #	17
52) Toluene	7.64	92	2728	0.391	ug/l	93
53) t-1,3-Dichloropropene	7.84	75	40	1.126	ug/l #	43
56) Ethyl methacrylate	7.94	69	12302	2.455	ug/l #	73
59) 2-Hexanone	8.40	43	1413	0.307	ug/l	83
67) Ethyl Benzene	9.26	91	5267	0.375	ug/l	97
68) m/p-Xylenes	9.38	106	6689	1.311	ug/l	91
69) o-Xylene	9.79	106	3226	0.626	ug/l	91
76) 1,2,3-Trichloropropane	10.31	75	97433	20.926	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	97433	52.235	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	9501	0.864	ug/l #	61
93) 1,2,4-Trichlorobenzene	13.50	180	89	0.707	ug/l #	1
95) Naphthalene	13.75	128	8489	0.428	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	1808	0.480	ug/l #	25

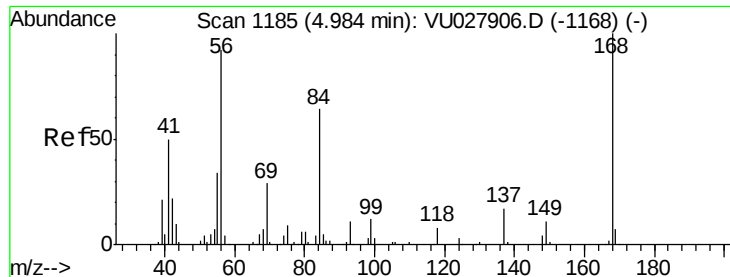
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027967.D

Acq: 05 Nov 2018 19:01

Instrument :

MSVOA_U

ClientSampleId :

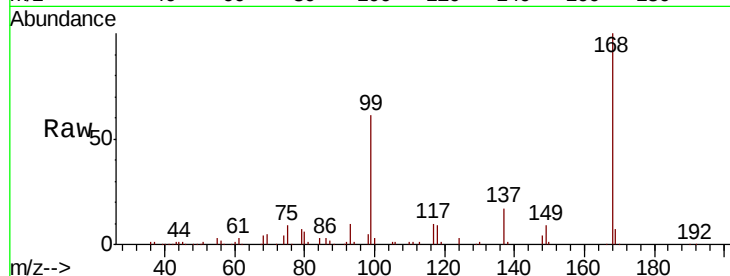
DPC-91468-OW-01

Tot Ion:168 Resp: 195713

Ion Ratio Lower Upper

168 100

99 60.9 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU027906.D (-1168) (-)

4.98

80000

60000

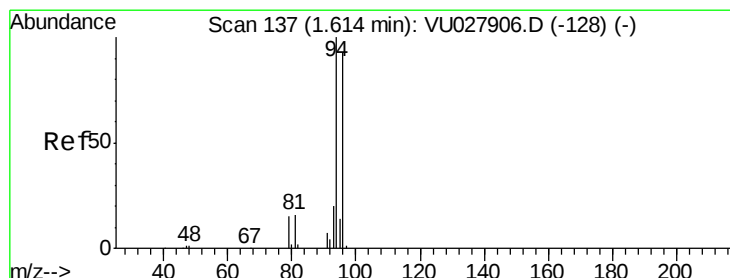
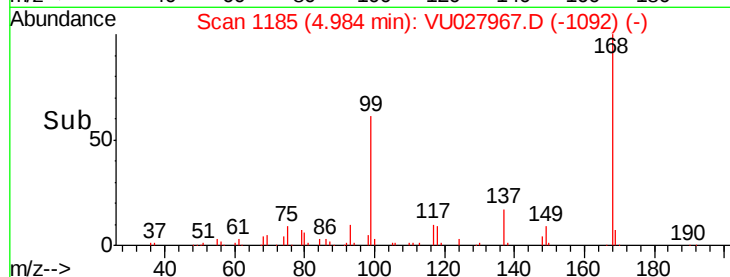
40000

20000

0

4.90 4.95 5.00 5.05

Time-->



#5

Bromomethane

Concen: 0.620 ug/l

RT: 1.61 min Scan# 137

Delta R.T. -0.00 min

Lab File: VU027967.D

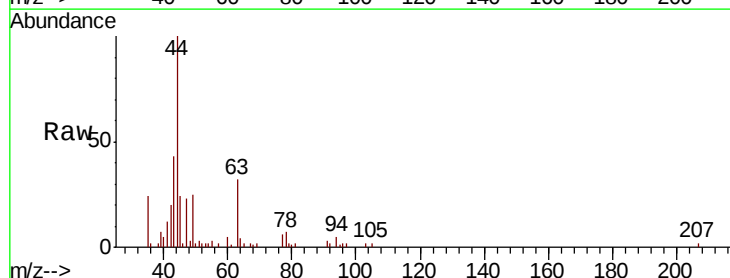
Acq: 05 Nov 2018 19:01

Tgt Ion: 94 Resp: 618

Ion Ratio Lower Upper

94 100

96 42.6 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VU027906.D (-128) (-)

Ion 95.90 (95.60 to 96.60): VU027906.D (-128) (-)

1.61

500

400

300

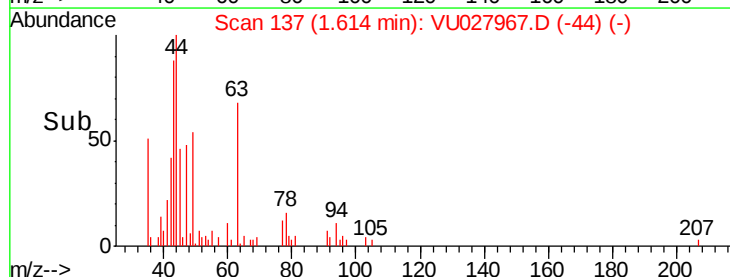
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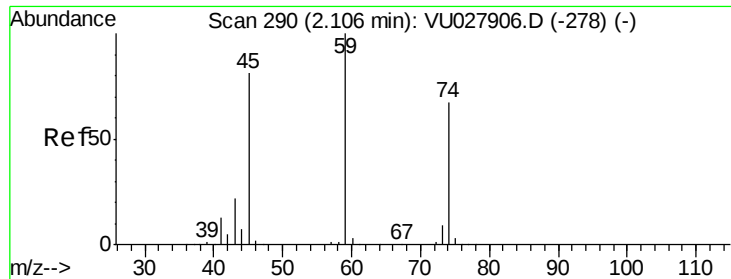
100

0

1.56 1.58 1.60 1.62

Time-->





#8

Diethyl Ether

Concen: 0.675 ug/l

RT: 2.10 min Scan# 288

Delta R.T. -0.01 min

Lab File: VU027967.D

Acq: 05 Nov 2018 19:01

Instrument :

MSVOA_U

ClientSampleId :

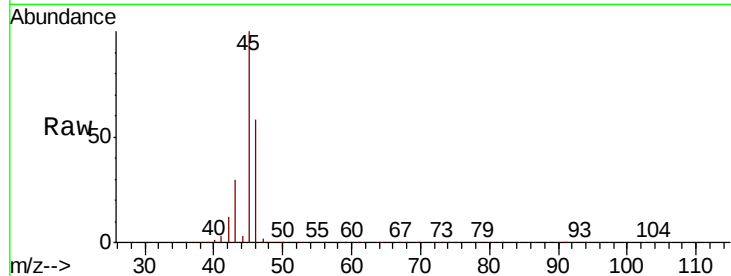
DPC-91468-OW-01

Tot Ion: 74 Resp: 997

Ion Ratio Lower Upper

74 100

45 0.0 60.5 181.5#



Abundance Ion 74.00 (73.70 to 74.70): VU027906.D (-278) (-)

Ion 45.00 (44.70 to 45.70): VU027906.D (-278) (-)

8000000

6000000

4000000

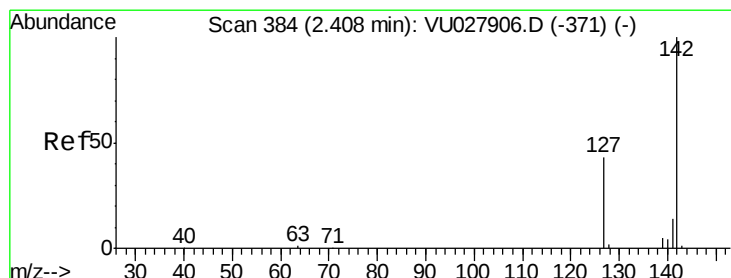
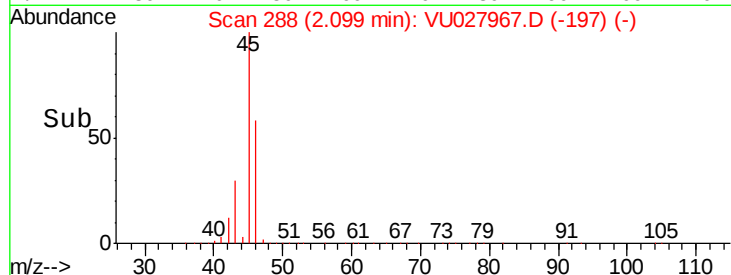
2000000

0

2.10

2.15

Time-->



#10

Methyl Iodide

Concen: 7.782 ug/l

RT: 2.42 min Scan# 389

Delta R.T. 0.02 min

Lab File: VU027967.D

Acq: 05 Nov 2018 19:01

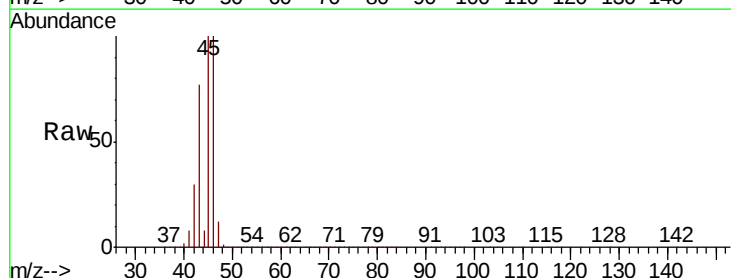
Tgt Ion: 142 Resp: 49

Ion Ratio Lower Upper

142 100

127 0.0 35.2 52.8#

141 81.6 11.8 17.8#



Abundance Ion 141.80 (141.50 to 142.50): VU027906.D (-371) (-)

Ion 126.80 (126.50 to 127.50): VU027906.D (-371) (-)

Ion 140.80 (140.50 to 141.50): VU027906.D (-371) (-)

300

200

100

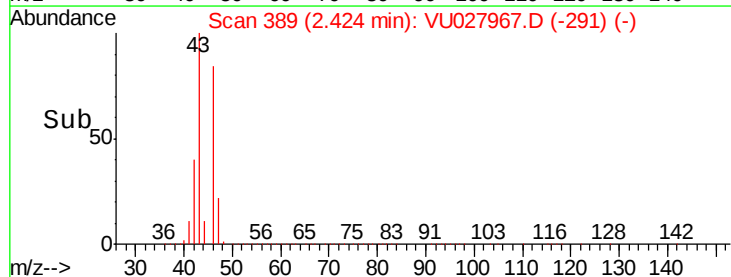
0

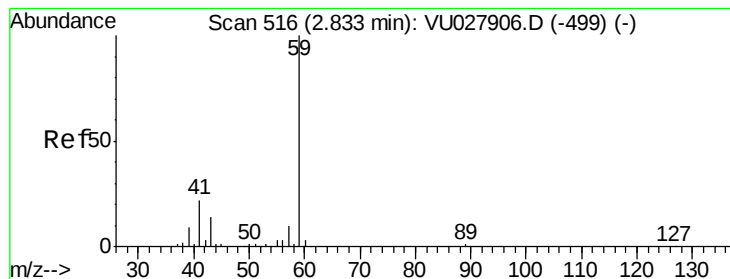
2.41

2.42

2.43

Time-->



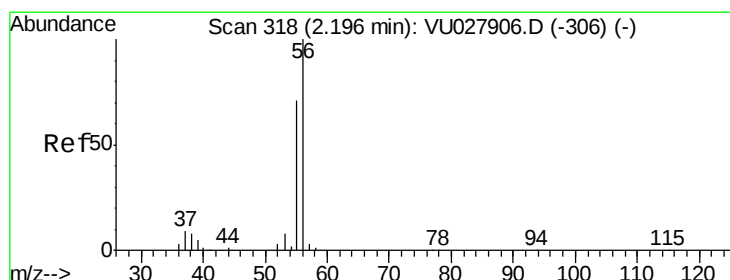
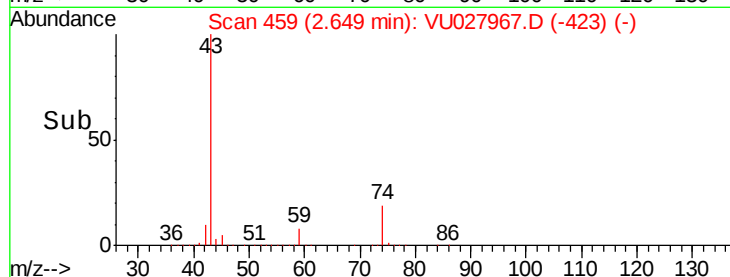
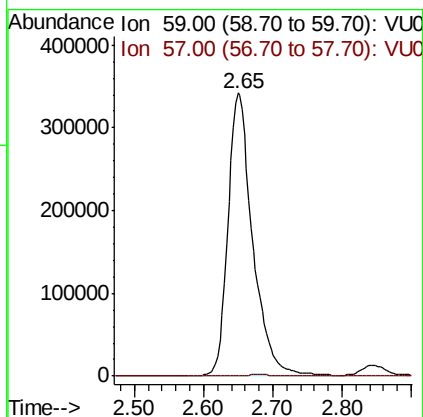
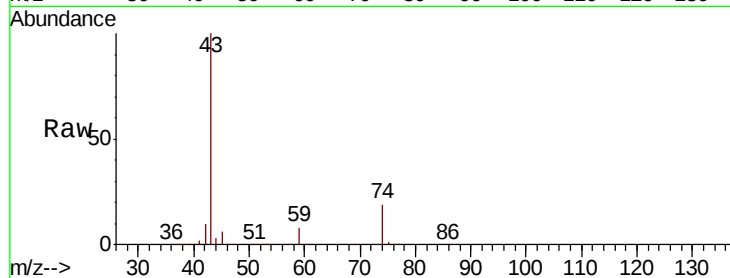


#11

Tert butyl alcohol
 Concen: 1106.059 ug/l
 RT: 2.65 min Scan# 459
 Delta R.T. -0.18 min
 Lab File: VU027967.D
 Acq: 05 Nov 2018 19:01

Instrument :
 MSVOA_U
 ClientSampleId :
 DPC-91468-OW-01

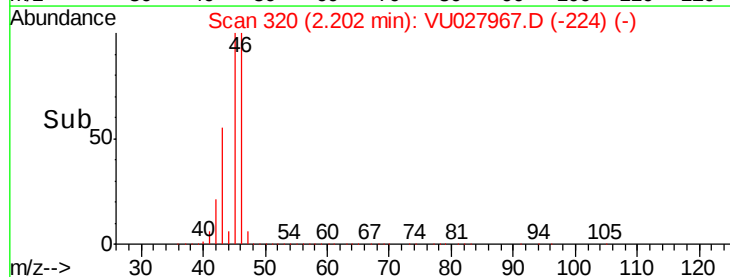
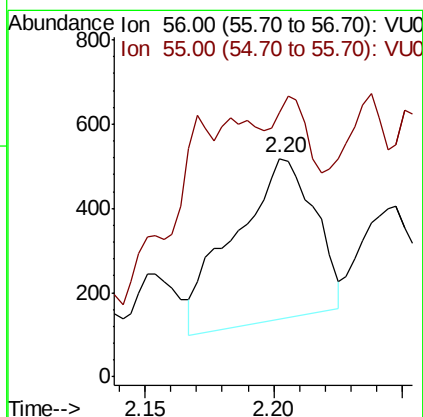
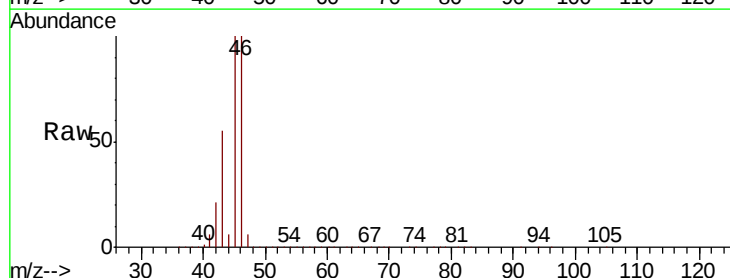
Tot Ion: 59 Resp: 852011
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.8#

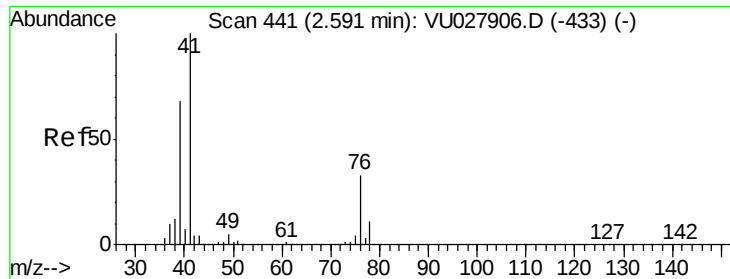


#13

Acrolein
 Concen: Below Cal
 RT: 2.20 min Scan# 320
 Delta R.T. 0.01 min
 Lab File: VU027967.D
 Acq: 05 Nov 2018 19:01

Tgt Ion: 56 Resp: 831
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.2 84.4#





#14

Allvl chloride

Concen: 29.622 ug/l

RT: 2.65 min Scan# 460

Delta R.T. 0.06 min

Lab File: VU027967.D

Acq: 05 Nov 2018 19:01

Instrument :

MSVOA_U

ClientSampleId :

DPC-91468-OW-01

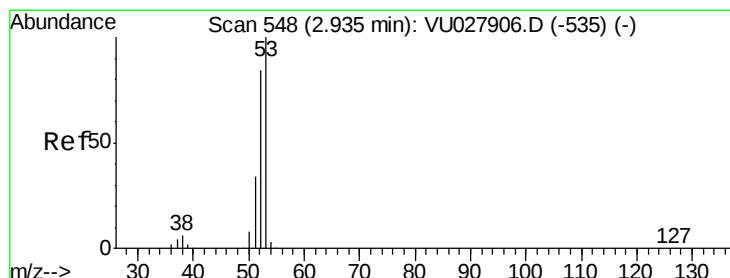
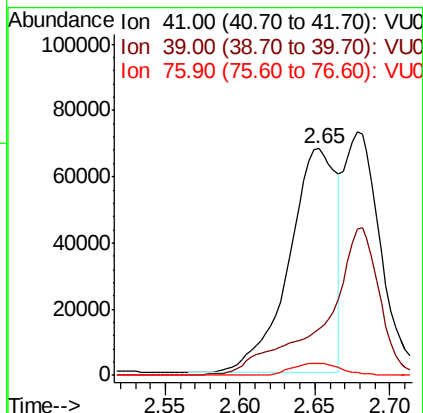
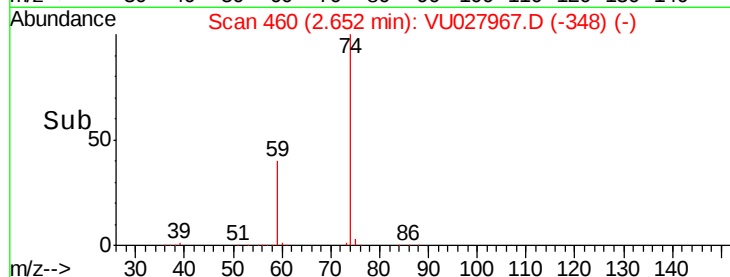
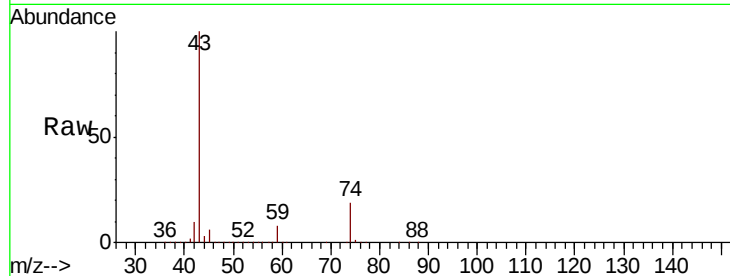
Tot Ion: 41 Resp: 148498

Ion Ratio Lower Upper

41 100

39 0.0 51.9 77.9#

76 5.9 23.8 35.6#



#15

Acrylonitrile

Concen: 18.993 ug/l

RT: 3.05 min Scan# 583

Delta R.T. 0.11 min

Lab File: VU027967.D

Acq: 05 Nov 2018 19:01

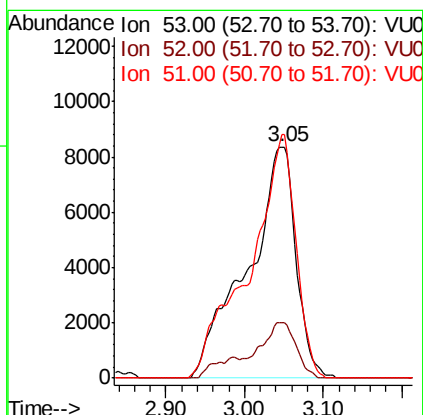
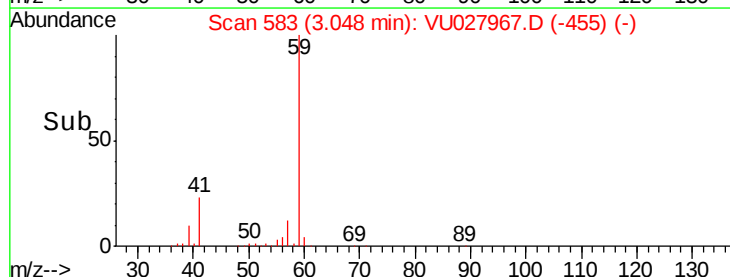
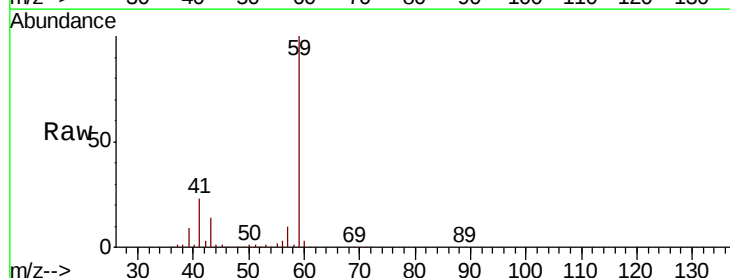
Tgt Ion: 53 Resp: 35939

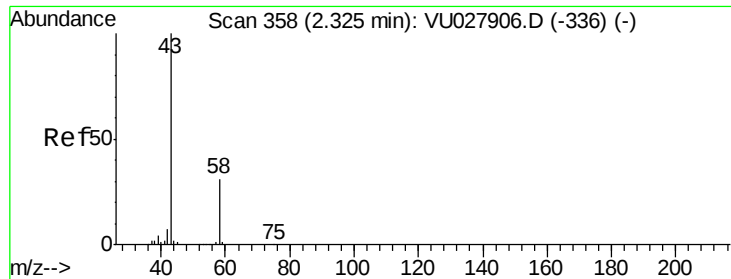
Ion Ratio Lower Upper

53 100

52 16.6 66.2 99.2#

51 100.5 27.0 40.4#





#16

Acetone

Concen: 46418.684 ug/l

RT: 2.36 min Scan# 370

Delta R.T. 0.04 min

Lab File: VU027967.D

Acq: 05 Nov 2018 19:01

Instrument :

MSVOA_U

ClientSampleId :

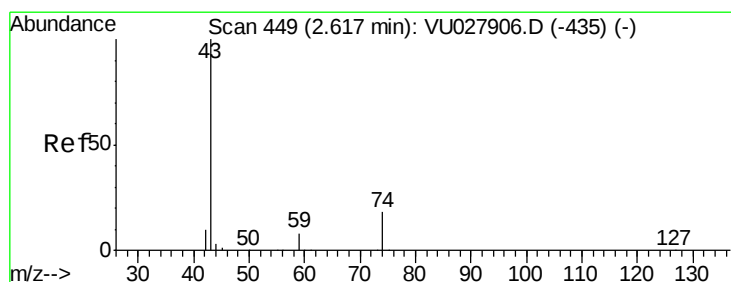
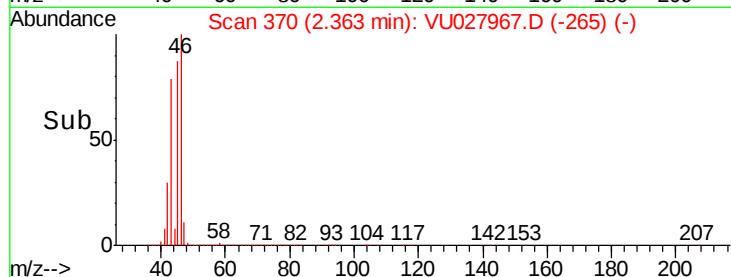
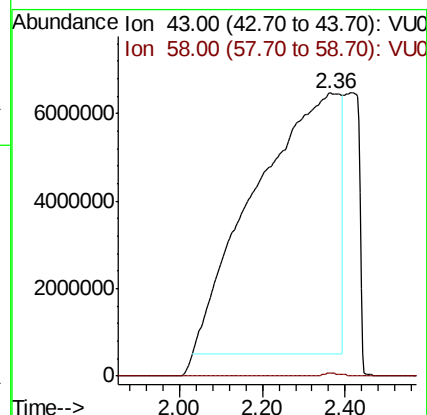
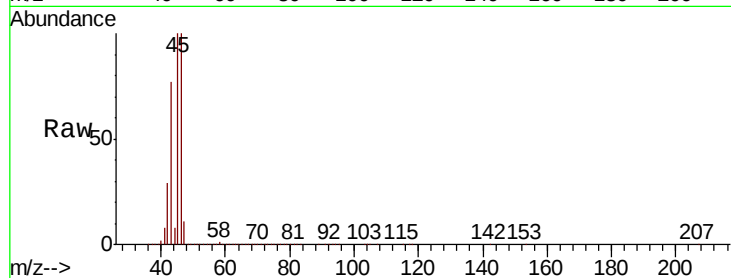
DPC-91468-OW-01

Tot Ion: 43 Resp:83800860

Ion Ratio Lower Upper

43 100

58 1.0 24.6 37.0#



#18

Methyl Acetate

Concen: 2160.252 ug/l

RT: 2.65 min Scan# 459

Delta R.T. 0.03 min

Lab File: VU027967.D

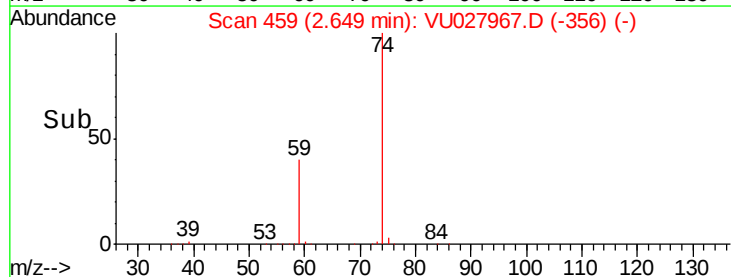
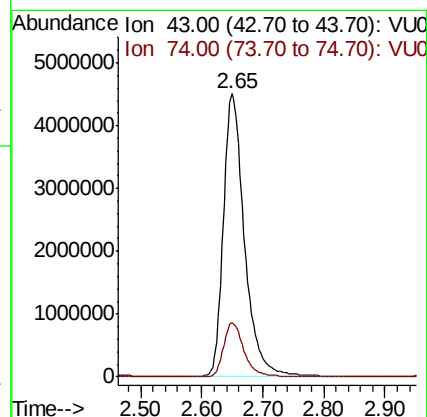
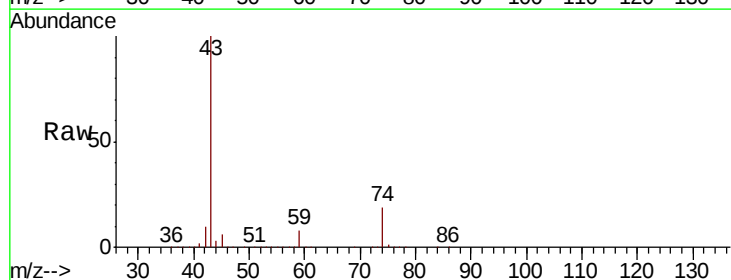
Acq: 05 Nov 2018 19:01

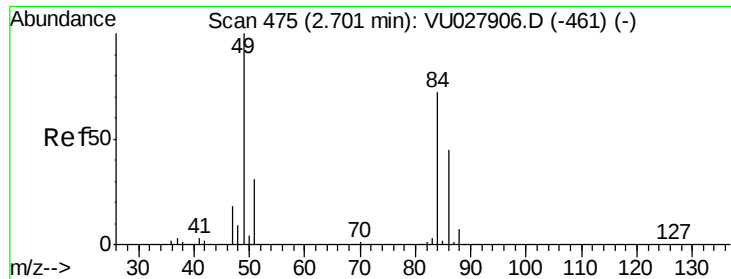
Tgt Ion: 43 Resp:10728217

Ion Ratio Lower Upper

43 100

74 18.8 14.9 22.3

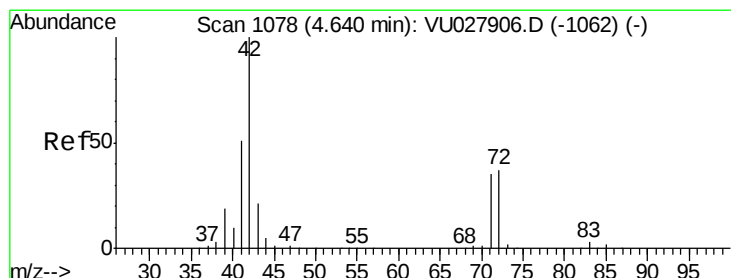
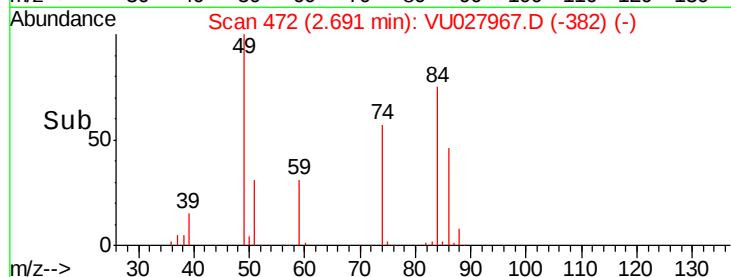
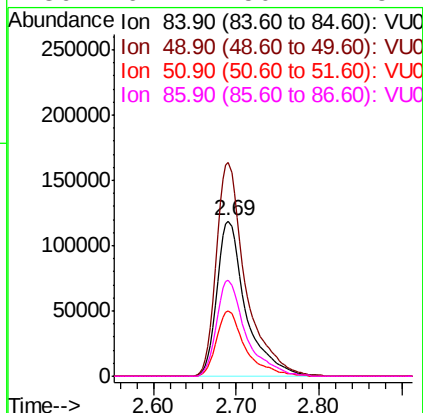
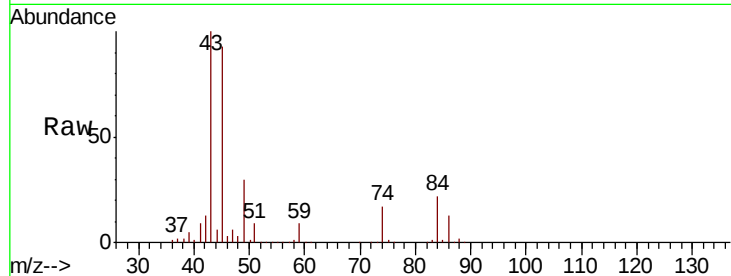




#20
Methylene Chloride
Concen: 108.581 ug/l
RT: 2.69 min Scan# 472
Delta R.T. -0.01 min
Lab File: VU027967.D
Acq: 05 Nov 2018 19:01

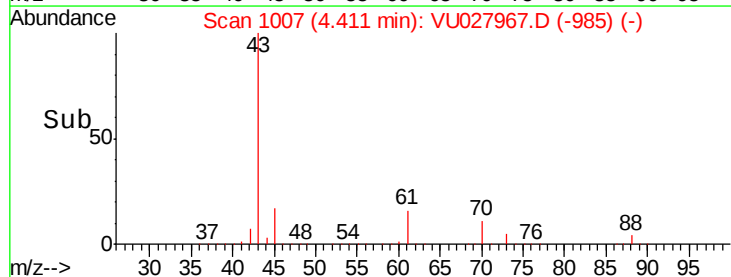
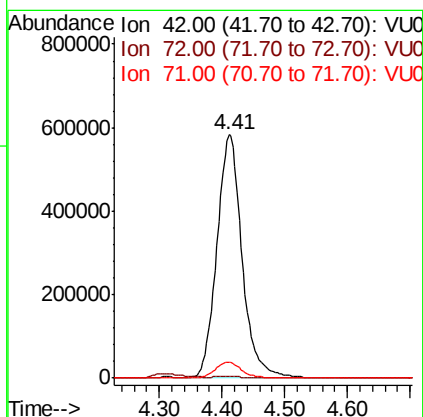
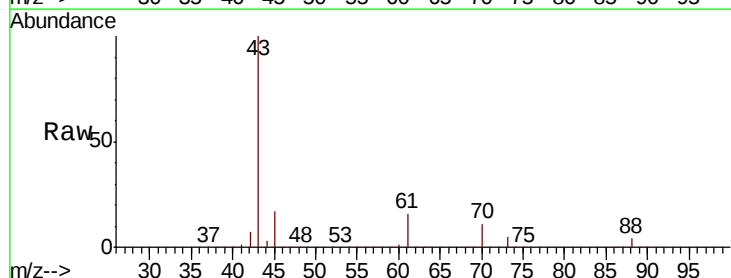
Instrument :
MSVOA_U
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DPC-91468-OW-01

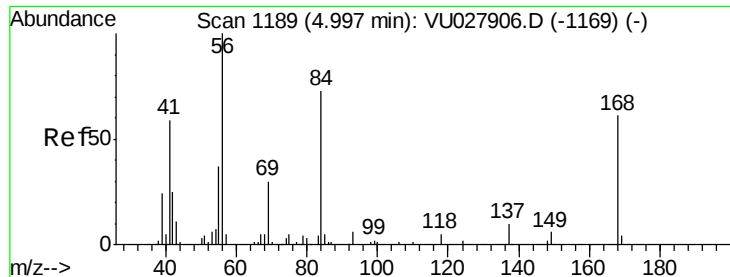
Tot Ion:	84	Resp:	286209
Ion	Ratio	Lower	Upper
84	100		
49	137.4	111.6	167.4
51	41.9	34.8	52.2
86	61.7	50.1	75.1



#29
Tetrahydrofuran
Concen: 845.293 ug/l
RT: 4.41 min Scan# 1007
Delta R.T. -0.23 min
Lab File: VU027967.D
Acq: 05 Nov 2018 19:01

Tgt Ion:	42	Resp:	1621119
Ion	Ratio	Lower	Upper
42	100		
72	0.8	29.4	44.0#
71	6.9	27.9	41.9#

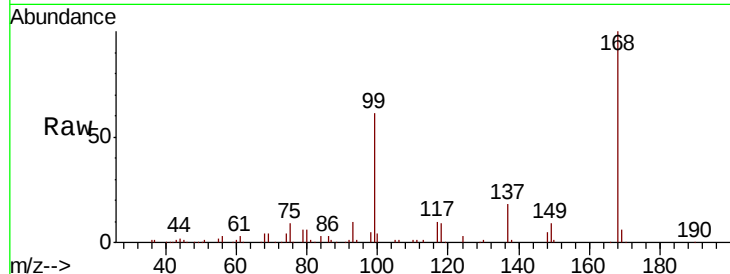




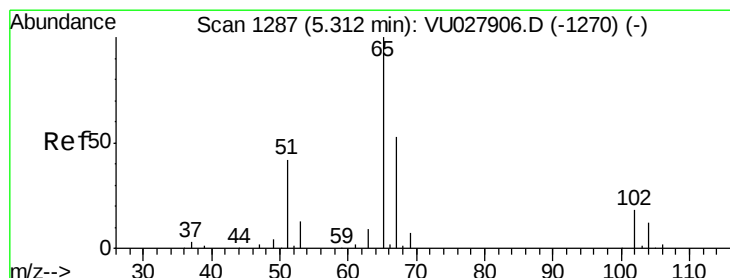
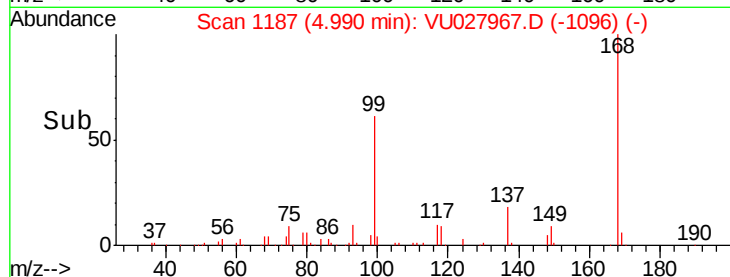
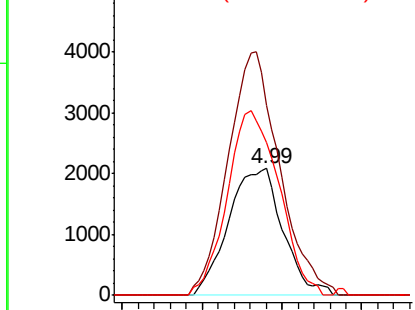
#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1187
Delta R.T. -0.01 min
Lab File: VU027967.D
Acq: 05 Nov 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
DPC-91468-OW-01

Tot Ion: 56 Resp: 4857
Ion Ratio Lower Upper
56 100
69 149.4 23.7 35.5#
84 120.8 58.2 87.4#

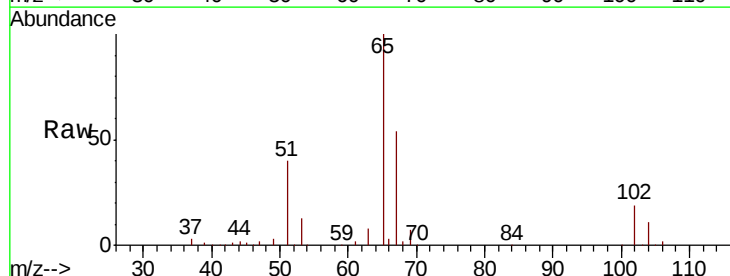


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

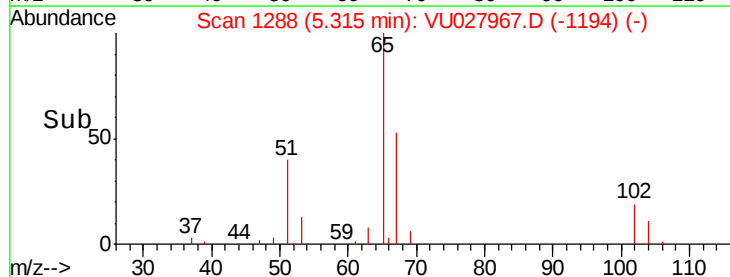
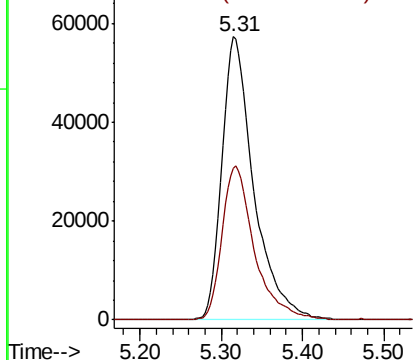


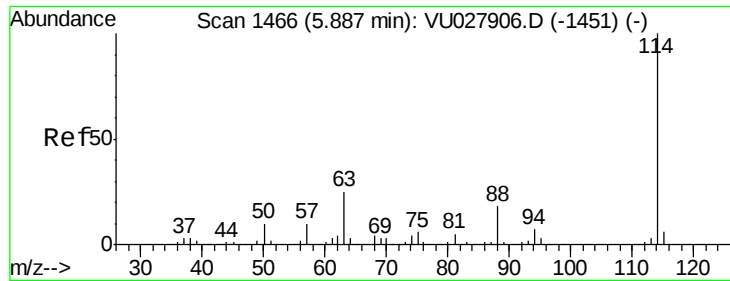
#33
1,2-Dichloroethane-d4
Concen: 54.315 ug/l
RT: 5.31 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VU027967.D
Acq: 05 Nov 2018 19:01

Tgt Ion: 65 Resp: 158043
Ion Ratio Lower Upper
65 100
67 54.9 0.0 109.0



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

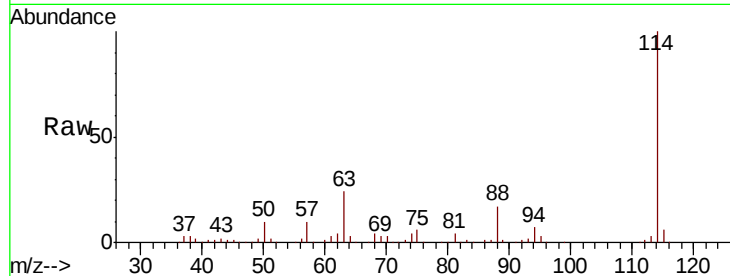




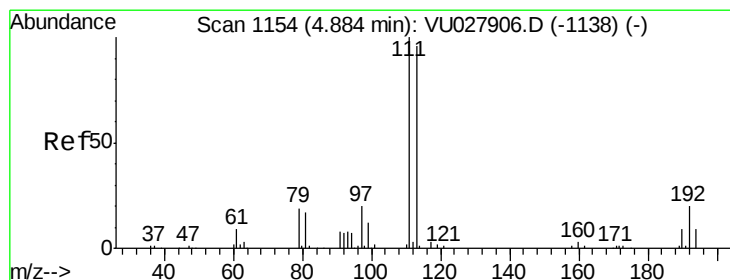
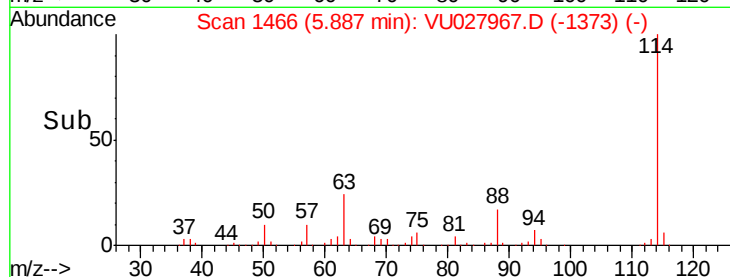
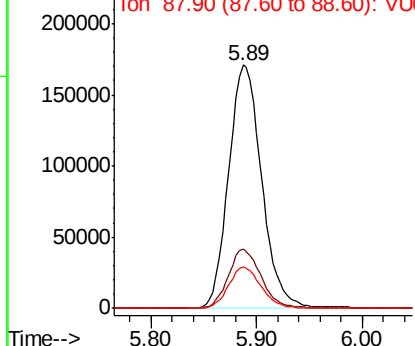
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027967.D
 Acq: 05 Nov 2018 19:01

Instrument :
 MSVOA_U
 ClientSampleId :
 DPC-91468-OW-01

Tot Ion:114 Resp: 371072
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 50.8
 88 16.9 0.0 35.8

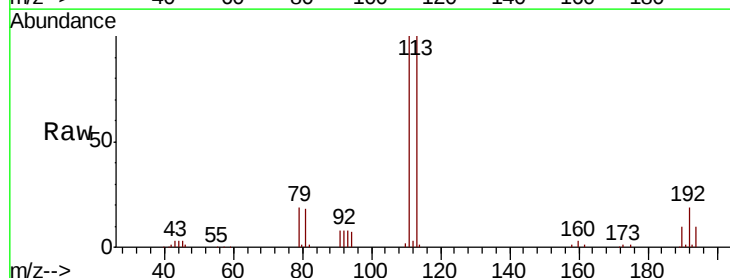


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

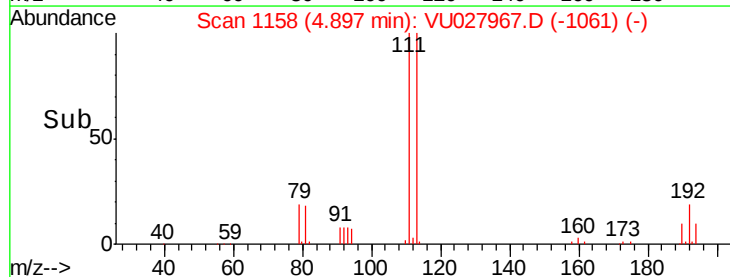
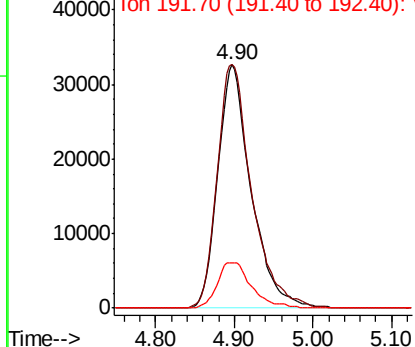


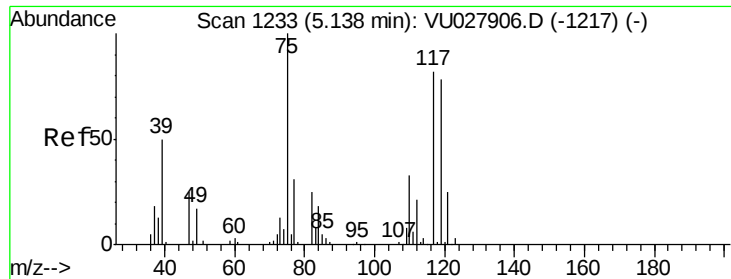
#35
 Dibromofluoromethane
 Concen: 40.777 ug/l
 RT: 4.90 min Scan# 1158
 Delta R.T. 0.01 min
 Lab File: VU027967.D
 Acq: 05 Nov 2018 19:01

Tgt Ion:113 Resp: 95405
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.0 124.6
 192 19.2 15.6 23.4



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

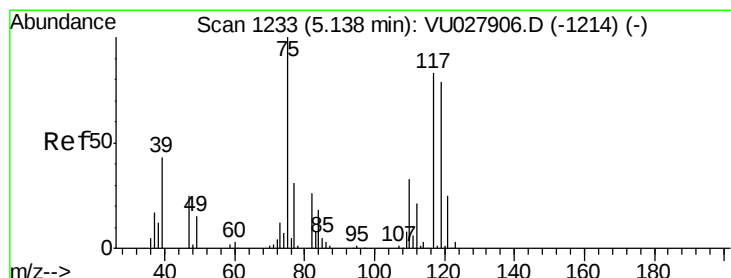
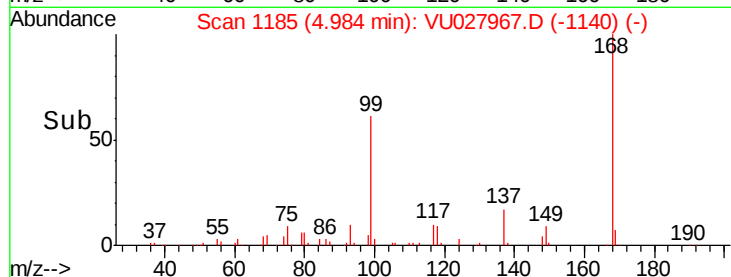
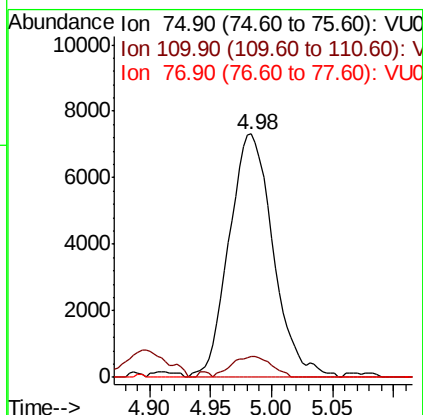
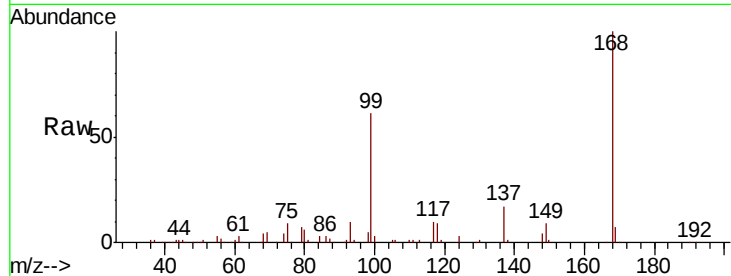




#36
 1,1-Dichloropropene
 Concen: 4.729 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027967.D
 Acq: 05 Nov 2018 19:01

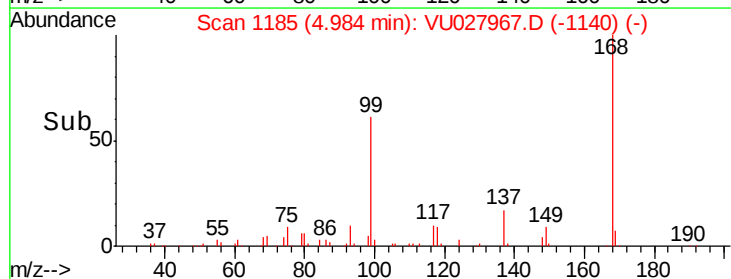
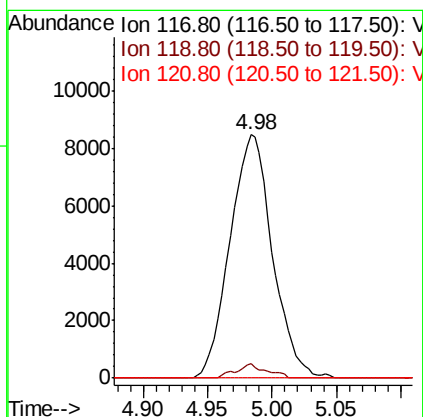
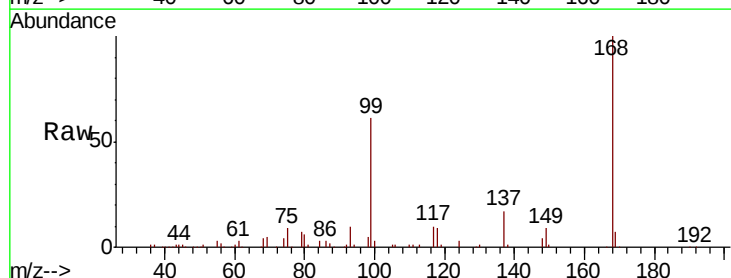
Instrument :
 MSVOA_U
 ClientSampleId :
 DPC-91468-OW-01

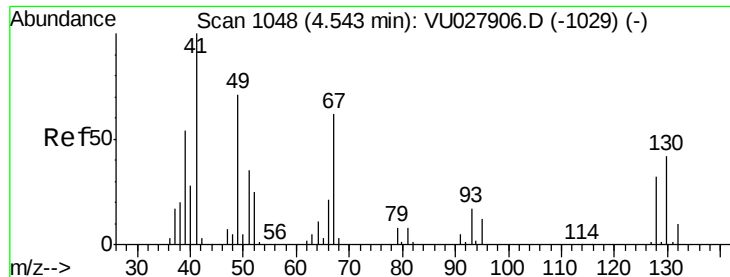
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.7	16.5	49.5#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.636 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027967.D
 Acq: 05 Nov 2018 19:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.7	76.0	114.0#
121	0.0	24.5	36.7#

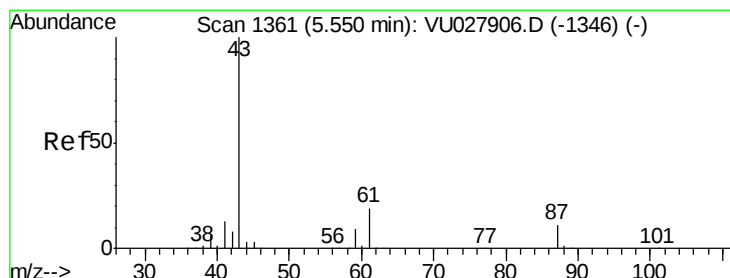
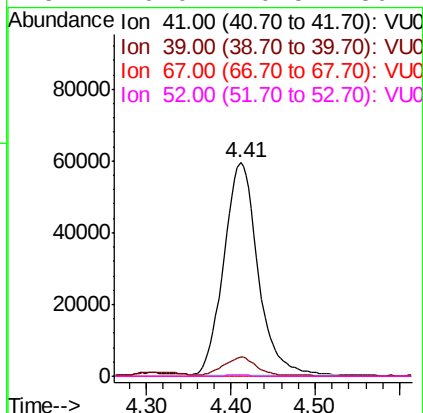
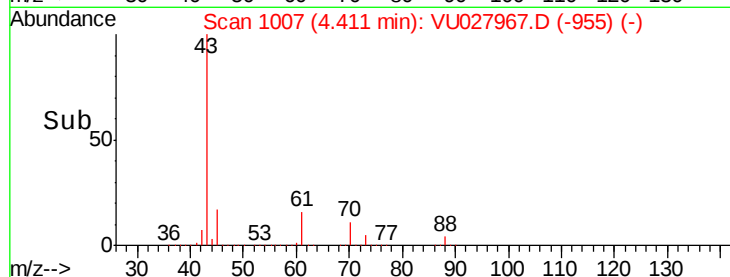
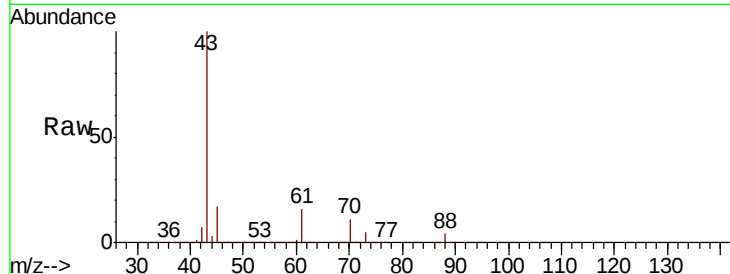




#41
Methacrylonitrile
Concen: 54.693 ug/l
RT: 4.41 min Scan# 1007
Delta R.T. -0.13 min
Lab File: VU027967.D
Acq: 05 Nov 2018 19:01

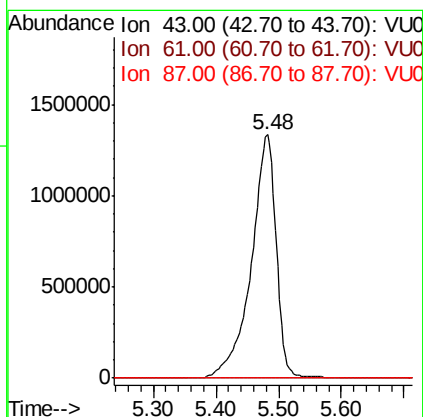
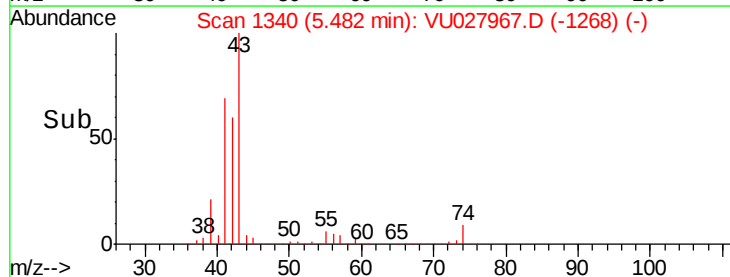
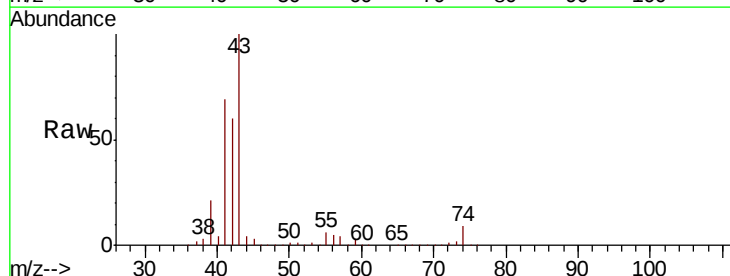
Instrument :
MSVOA_U
ClientSampleId :
DPC-91468-OW-01

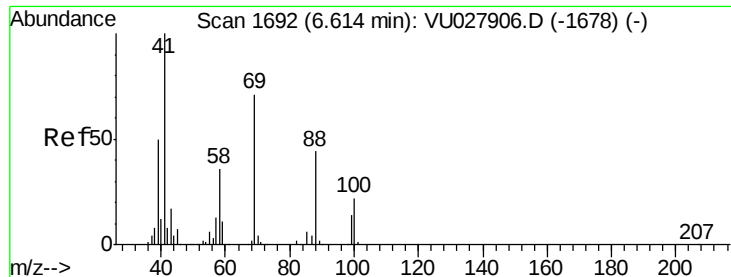
Tot Ion: 41 Resp: 166208
Ion Ratio Lower Upper
41 100
39 8.1 42.2 63.4#
67 0.0 49.5 74.3#
52 0.0 20.5 30.7#



#43
Isopropyl Acetate
Concen: 412.488 ug/l
RT: 5.48 min Scan# 1340
Delta R.T. -0.07 min
Lab File: VU027967.D
Acq: 05 Nov 2018 19:01

Tgt Ion: 43 Resp: 3679983
Ion Ratio Lower Upper
43 100
61 0.0 15.0 22.4#
87 0.0 8.6 12.8#

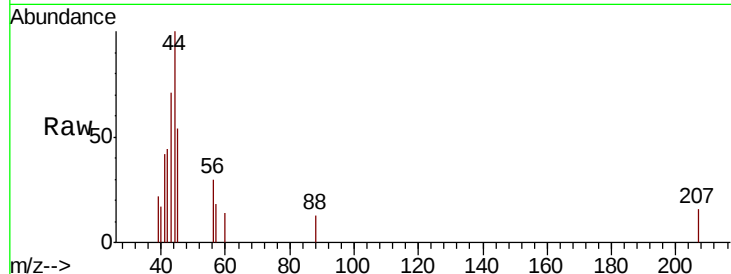




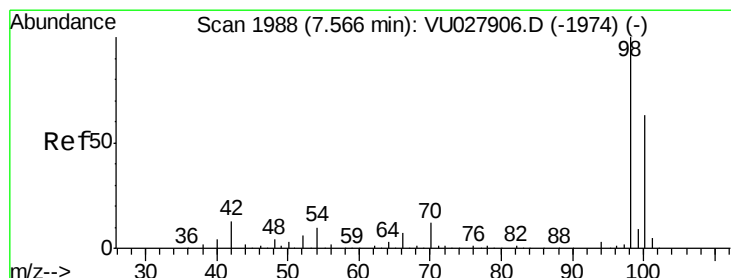
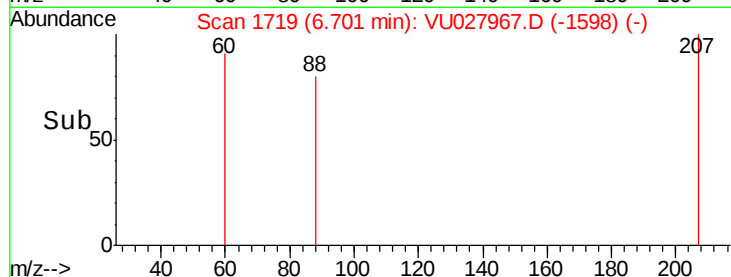
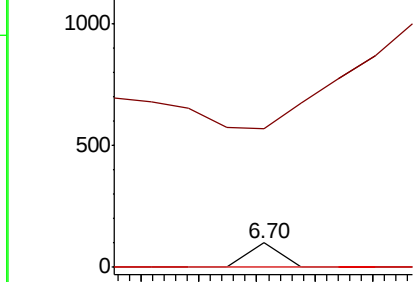
#49
1,4-Dioxane
Concen: 0.266 ug/l
RT: 6.70 min Scan# 1719
Delta R.T. 0.09 min
Lab File: VU027967.D
Acq: 05 Nov 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
DPC-91468-OW-01

Tot Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 30.5 45.7#
58 0.0 67.1 100.7#

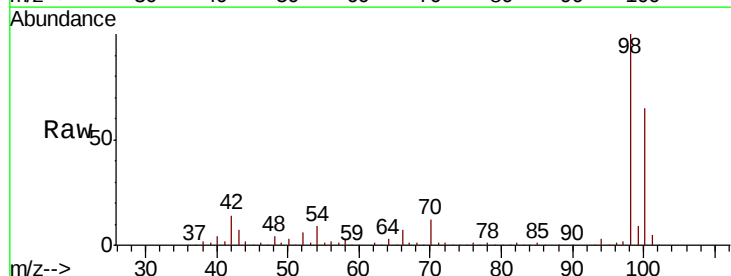


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

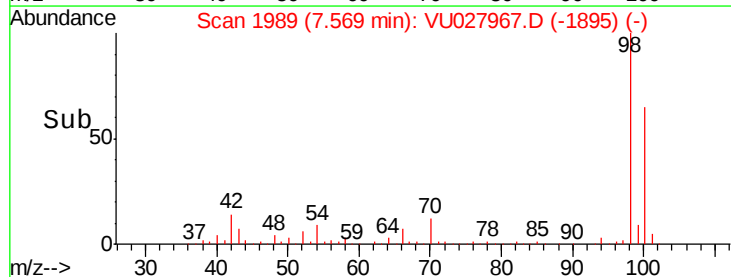
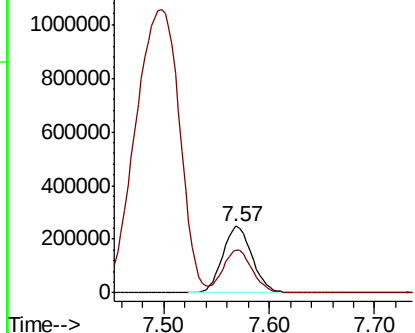


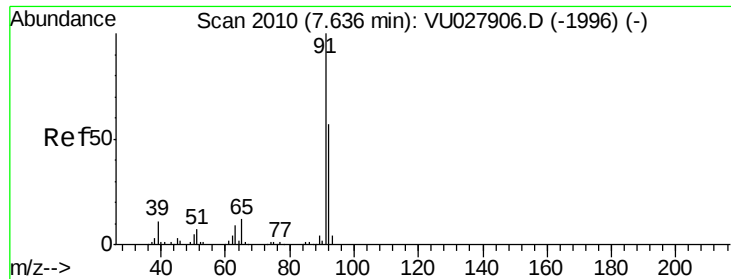
#50
Toluene-d8
Concen: 53.059 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027967.D
Acq: 05 Nov 2018 19:01

Tgt Ion: 98 Resp: 479542
Ion Ratio Lower Upper
98 100
100 64.4 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#52

Toluene

Concen: 0.391 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027967.D

Acq: 05 Nov 2018 19:01

Instrument :

MSVOA_U

ClientSampleId :

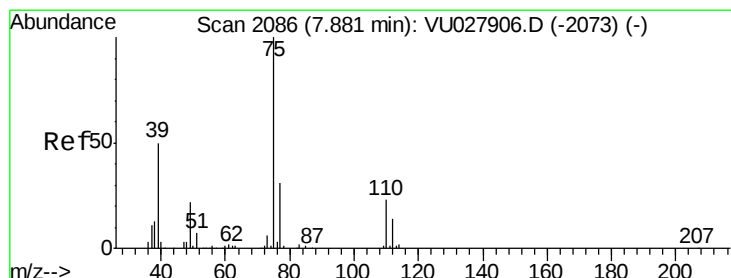
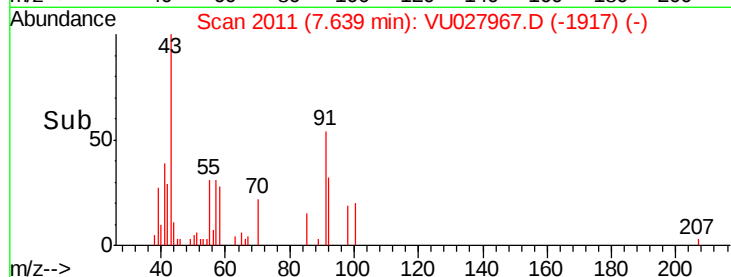
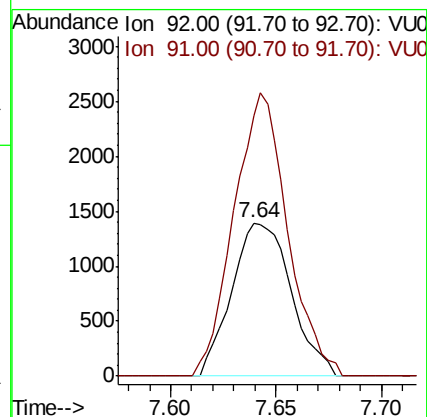
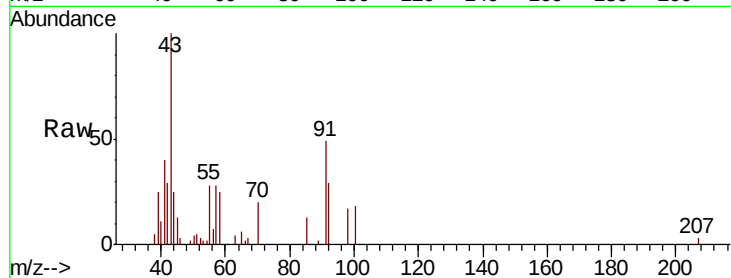
DPC-91468-OW-01

Tot Ion: 92 Resp: 2728

Ion Ratio Lower Upper

92 100

91 167.1 141.2 211.8



#53

t-1,3-Dichloropropene

Concen: 1.126 ug/l

RT: 7.84 min Scan# 2074

Delta R.T. -0.04 min

Lab File: VU027967.D

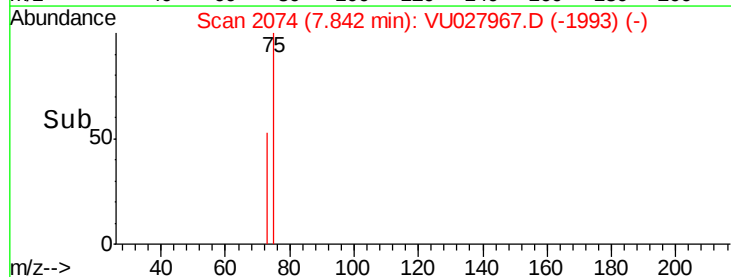
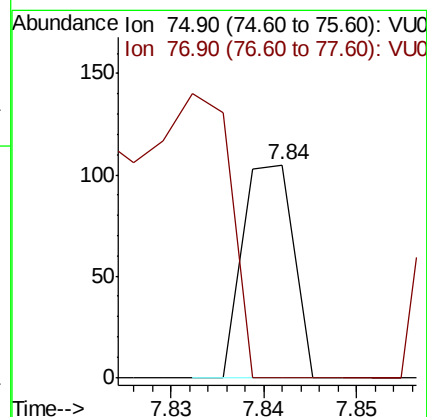
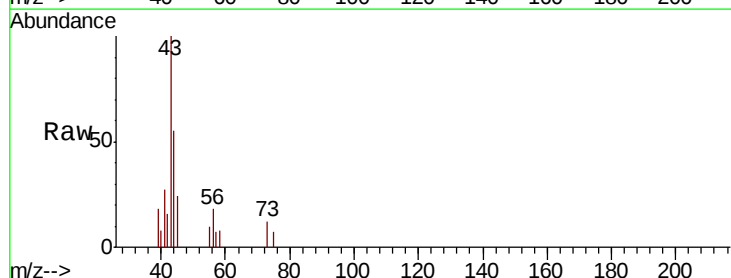
Acq: 05 Nov 2018 19:01

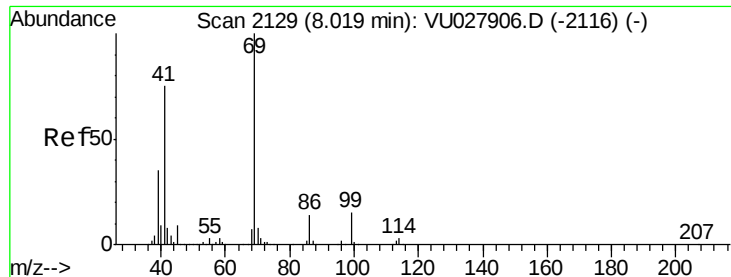
Tgt Ion: 75 Resp: 40

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#

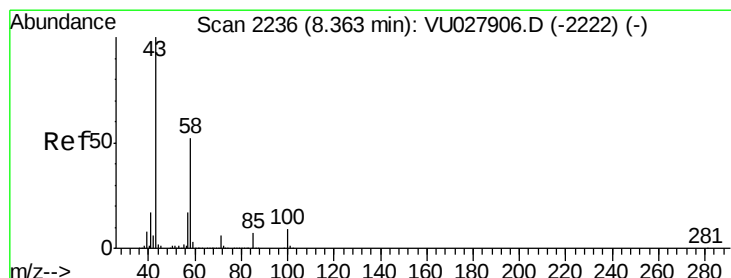
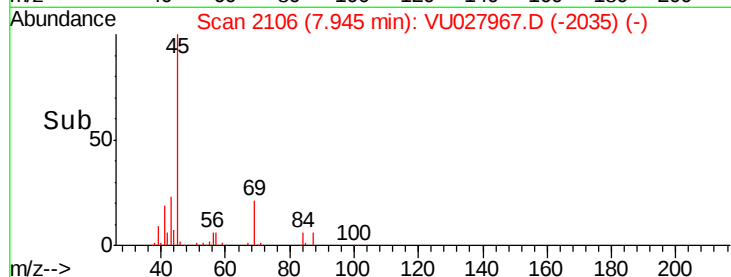
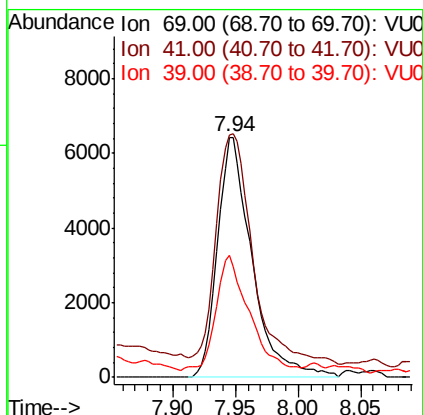
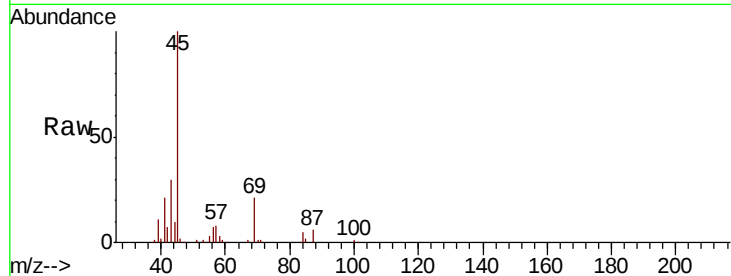




#56
Ethyl methacrylate
Concen: 2.455 ug/l
RT: 7.94 min Scan# 2106
Delta R.T. -0.07 min
Lab File: VU027967.D
Acq: 05 Nov 2018 19:01

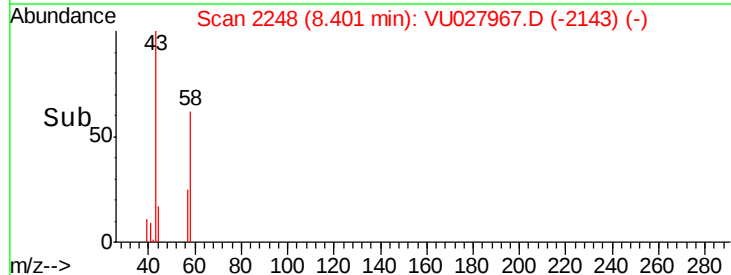
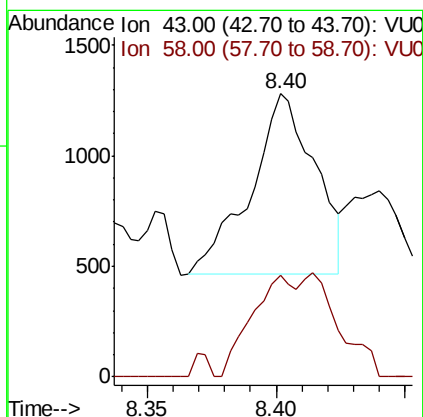
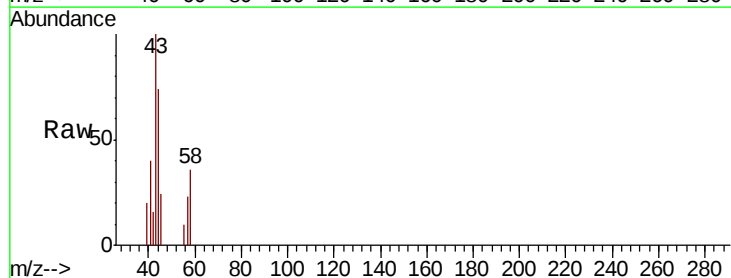
Instrument :
MSVOA_U
ClientSampleId :
DPC-91468-OW-01

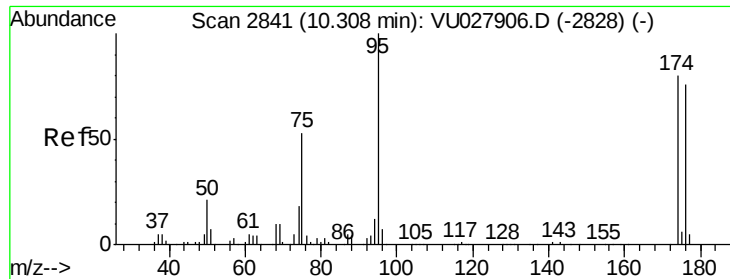
Tot Ion	69	Resp	12302
Ion Ratio	Lower	Upper	
69	100		
41	101.9	59.8	89.6#
39	44.7	28.6	42.8#



#59
2-Hexanone
Concen: 0.307 ug/l
RT: 8.40 min Scan# 2248
Delta R.T. 0.04 min
Lab File: VU027967.D
Acq: 05 Nov 2018 19:01

Tgt Ion	43	Resp	1413
Ion Ratio	Lower	Upper	
43	100		
58	39.5	25.8	77.3





#62

4-Bromofluorobenzene

Concen: 54.691 ug/l

RT: 10.31 min Scan# 2843

Delta R.T. 0.01 min

Lab File: VU027967.D

Acq: 05 Nov 2018 19:01

Instrument :

MSVOA_U

ClientSampleId :

DPC-91468-OW-01

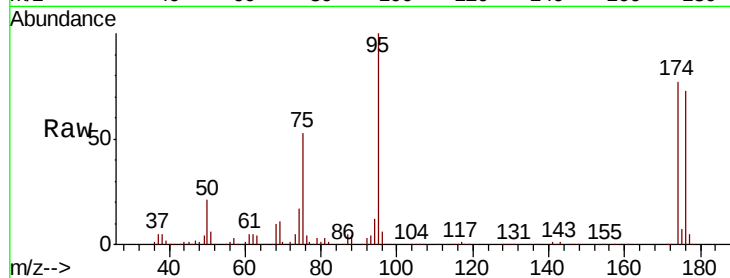
Tot Ion: 95 Resp: 182319

Ion Ratio Lower Upper

95 100

174 78.5 0.0 156.4

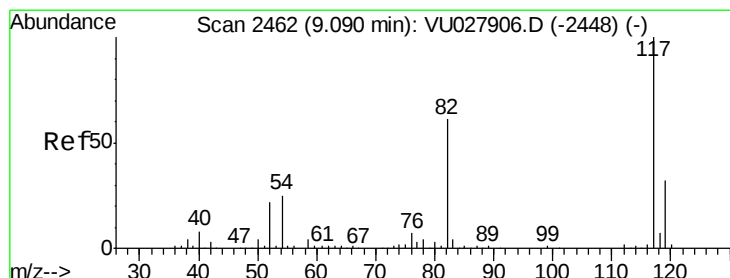
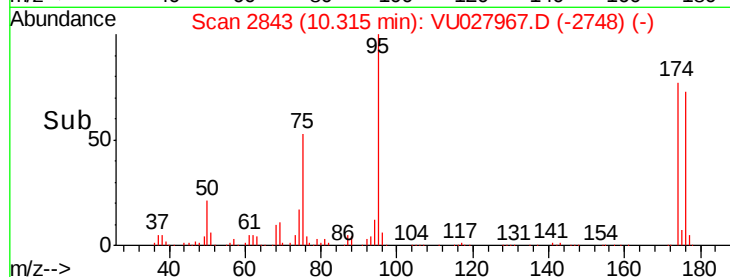
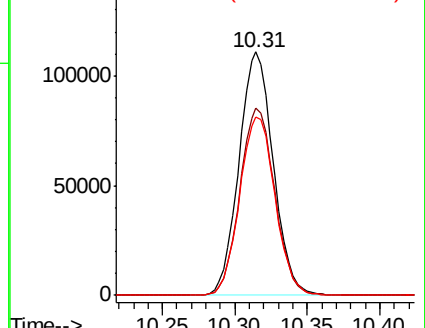
176 76.1 0.0 150.8



Abundance Ion 94.90 (94.60 to 95.60): VU027906.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027906.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027906.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.10 min Scan# 2464

Delta R.T. 0.01 min

Lab File: VU027967.D

Acq: 05 Nov 2018 19:01

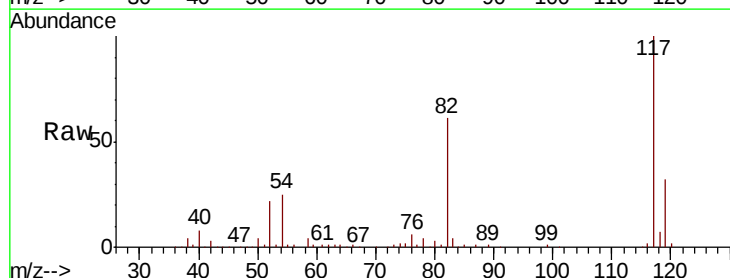
Tgt Ion: 117 Resp: 361649

Ion Ratio Lower Upper

117 100

82 60.9 48.6 73.0

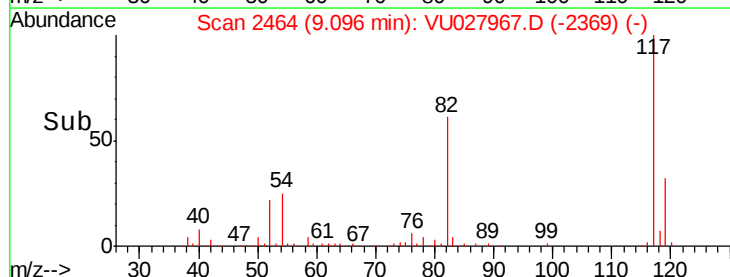
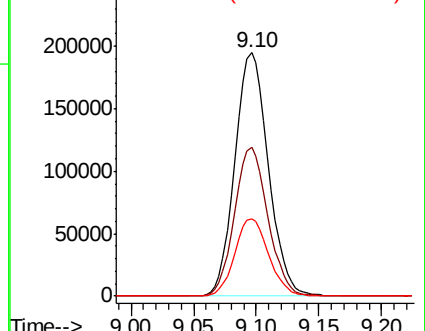
119 31.8 25.8 38.8

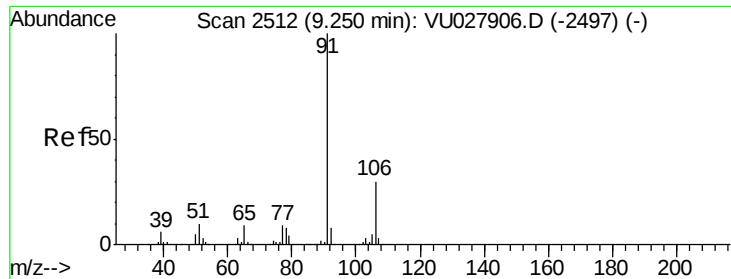


Abundance Ion 116.90 (116.60 to 117.60): VU027906.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU027906.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU027906.D (-2448) (-)

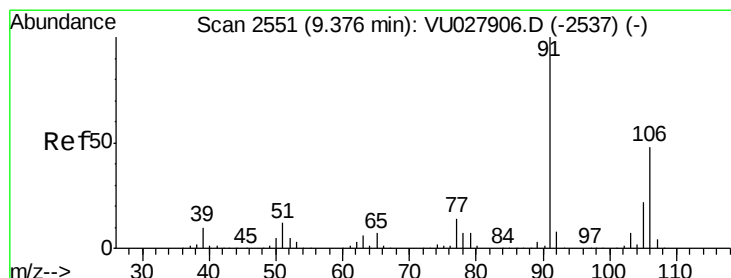
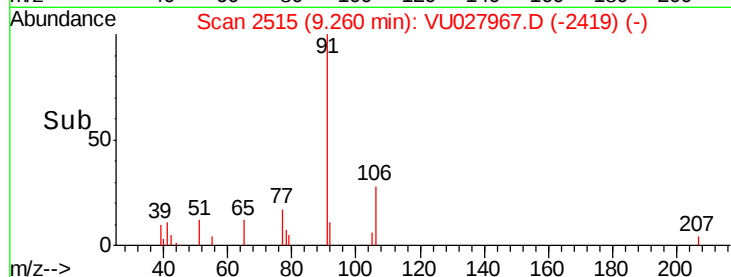
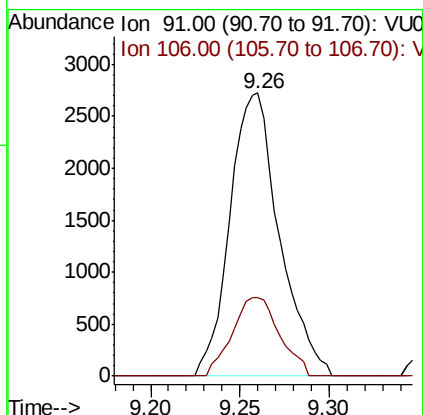
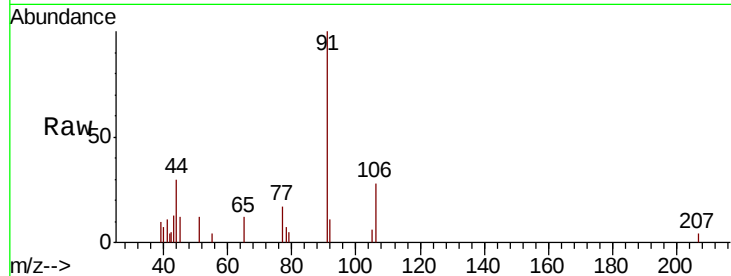




#67
Ethyl Benzene
Concen: 0.375 ug/l
RT: 9.26 min Scan# 2515
Delta R.T. 0.01 min
Lab File: VU027967.D
Acq: 05 Nov 2018 19:01

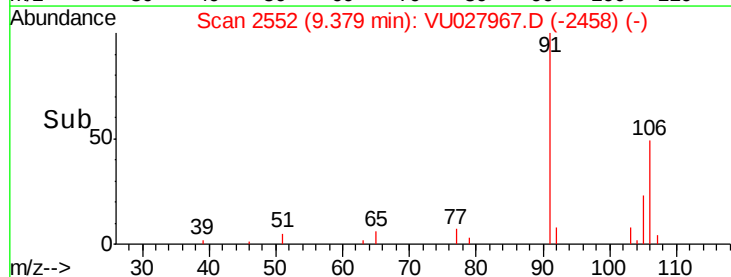
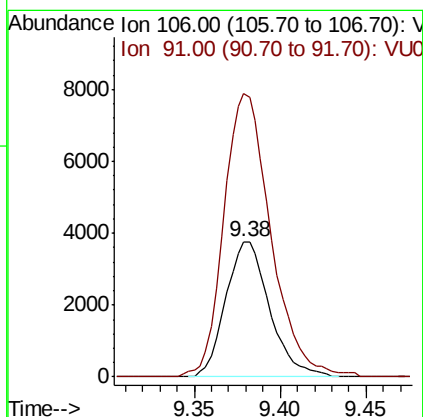
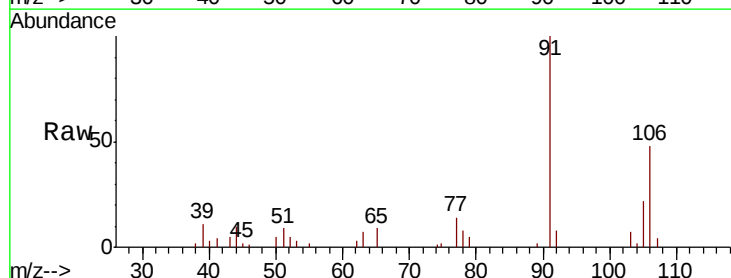
Instrument :
MSVOA_U
ClientSampleId :
DPC-91468-OW-01

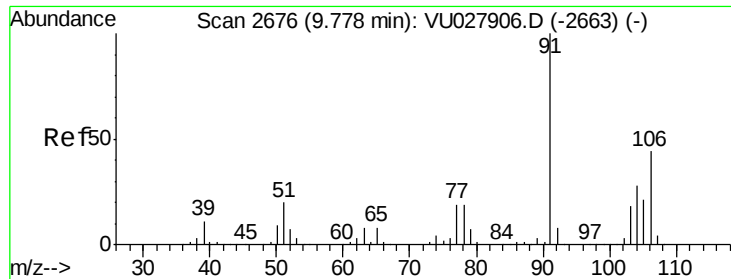
Tot Ion: 91 Resp: 5267
Ion Ratio Lower Upper
91 100
106 27.8 23.6 35.4



#68
m/p-Xylenes
Concen: 1.311 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027967.D
Acq: 05 Nov 2018 19:01

Tgt Ion: 106 Resp: 6689
Ion Ratio Lower Upper
106 100
91 223.9 168.2 252.4

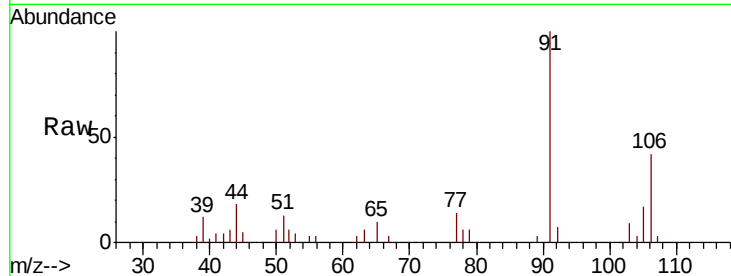




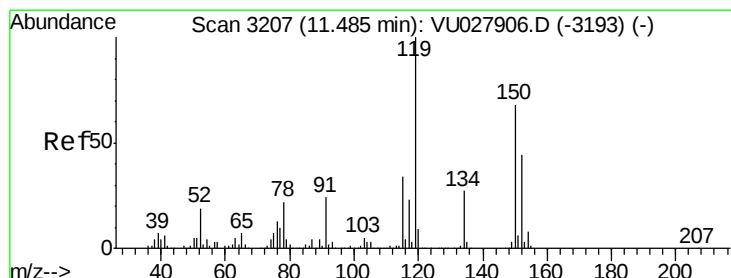
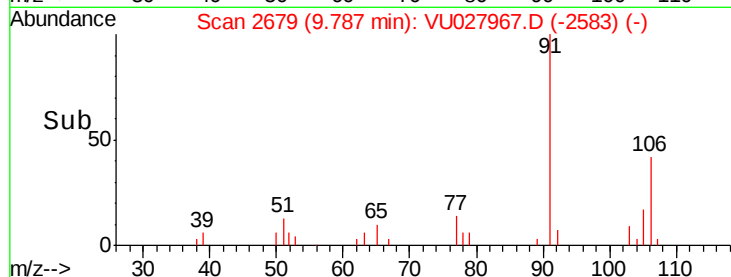
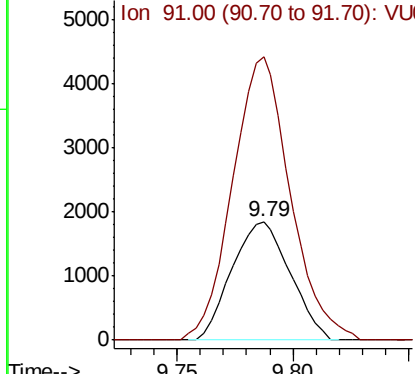
#69
o-Xylene
Concen: 0.626 ug/l
RT: 9.79 min Scan# 2679
Delta R.T. 0.01 min
Lab File: VU027967.D
Acq: 05 Nov 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
DPC-91468-OW-01

Tot Ion:106 Resp: 3226
Ion Ratio Lower Upper
106 100
91 236.6 111.1 333.4

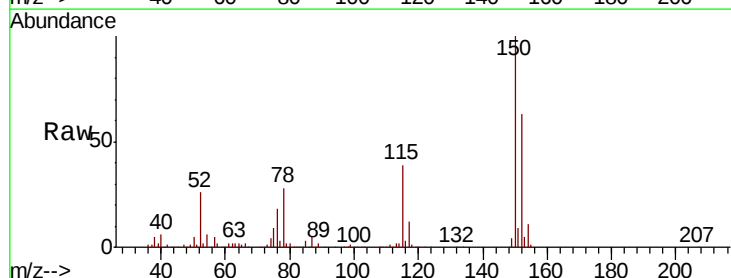


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

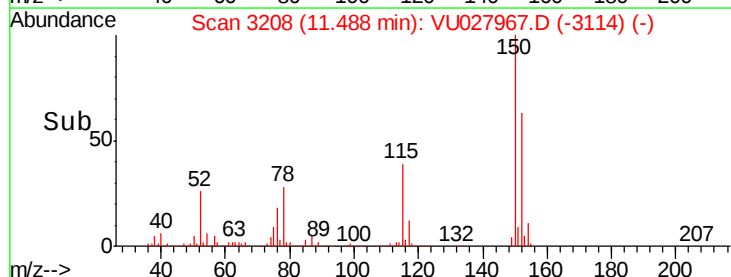
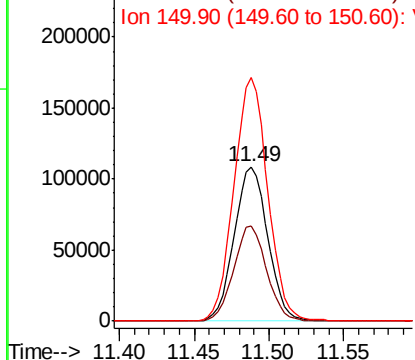


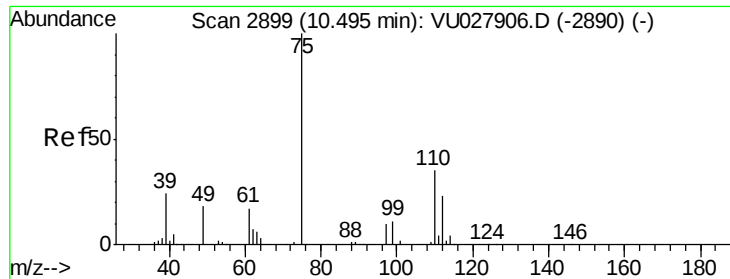
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3208
Delta R.T. 0.00 min
Lab File: VU027967.D
Acq: 05 Nov 2018 19:01

Tgt Ion:152 Resp: 170225
Ion Ratio Lower Upper
152 100
115 60.5 43.0 129.0
150 158.5 0.0 349.4



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





#76

1,2,3-Trichloropropane

Concen: 20.926 ug/l

RT: 10.31 min Scan# 2843

Delta R.T. -0.18 min

Lab File: VU027967.D

Acq: 05 Nov 2018 19:01

Instrument :

MSVOA_U

ClientSampleId :

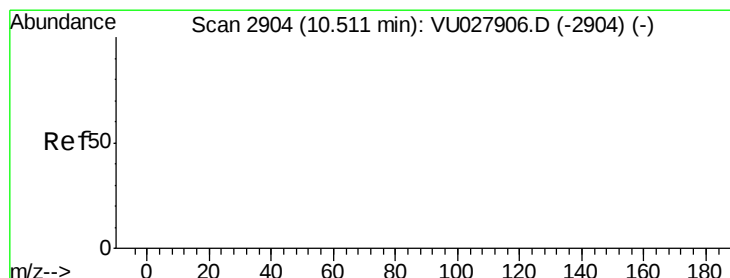
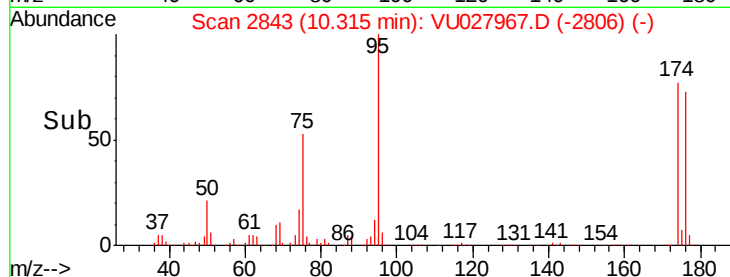
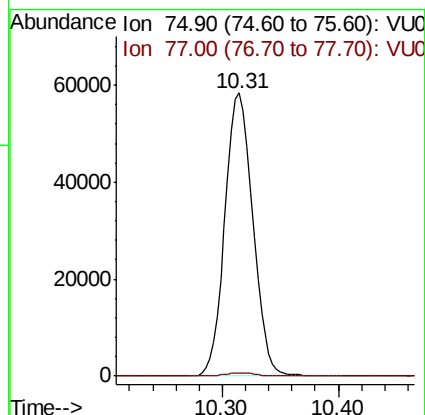
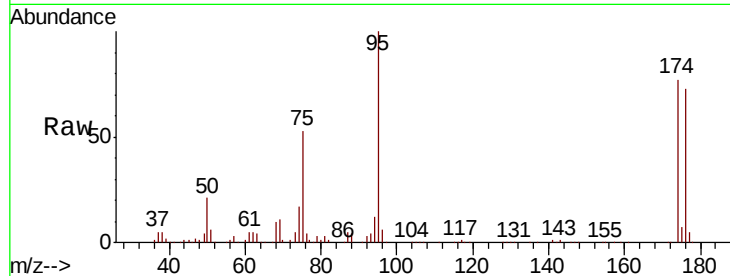
DPC-91468-OW-01

Tot Ion: 75 Resp: 97433

Ion Ratio Lower Upper

75 100

77 1.3 21.6 64.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 52.235 ug/l

RT: 10.31 min Scan# 2843

Delta R.T. -0.20 min

Lab File: VU027967.D

Acq: 05 Nov 2018 19:01

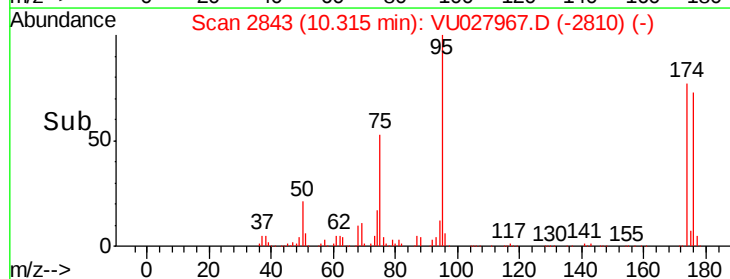
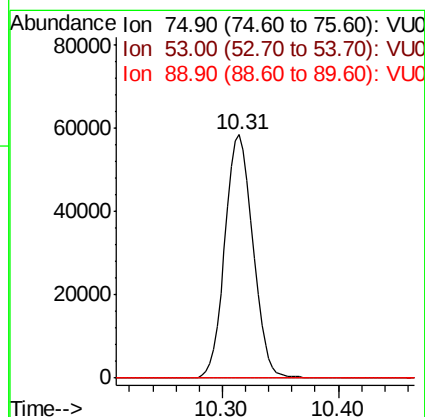
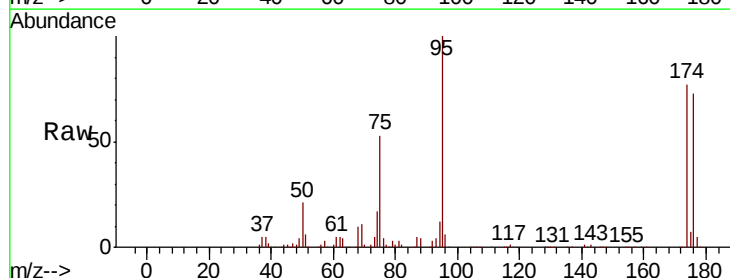
Tgt Ion: 75 Resp: 97433

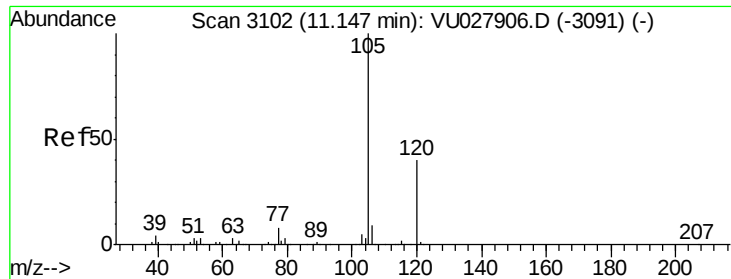
Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0

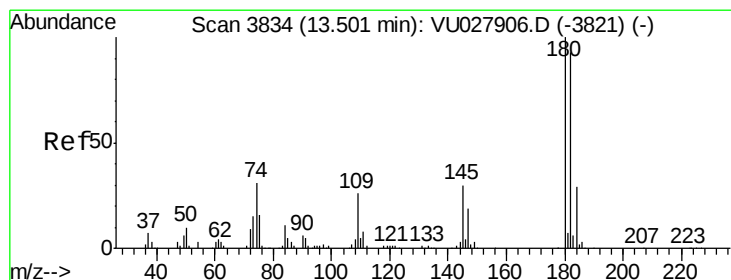
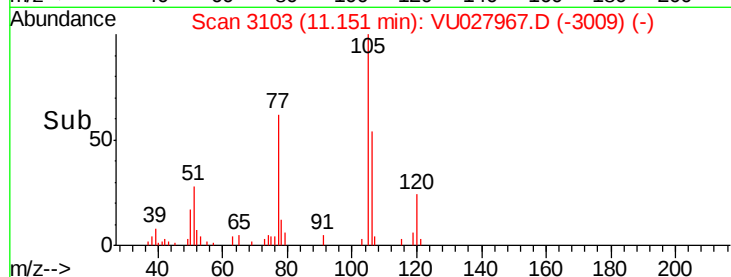
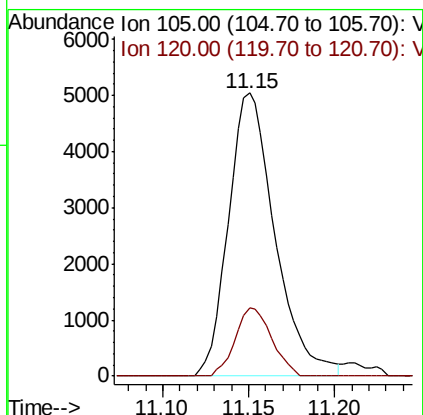
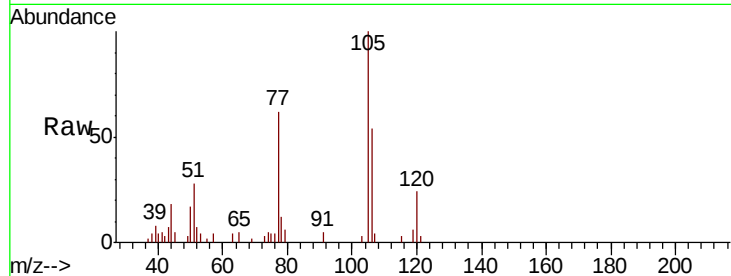




#84
 1,2,4-Trimethylbenzene
 Concen: 0.864 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027967.D
 Acq: 05 Nov 2018 19:01

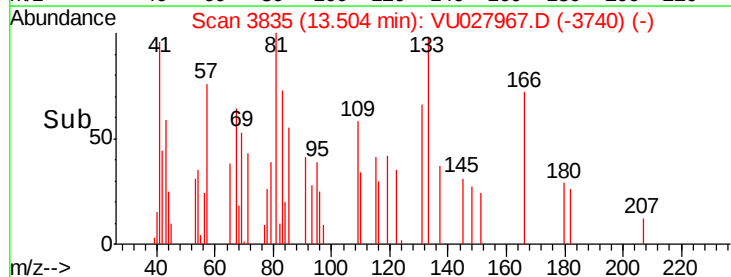
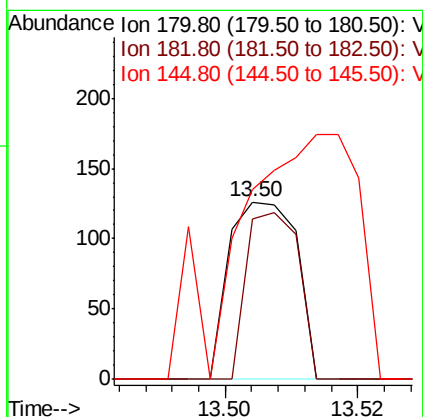
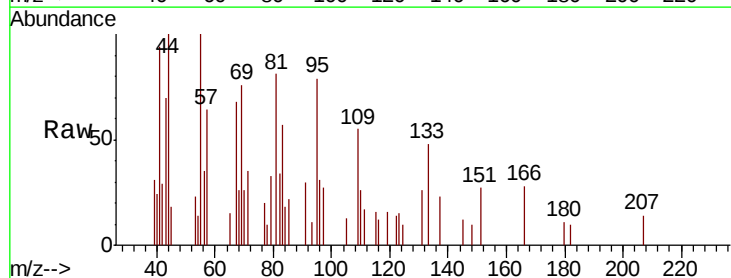
Instrument :
 MSVOA_U
 ClientSampleId :
 DPC-91468-OW-01

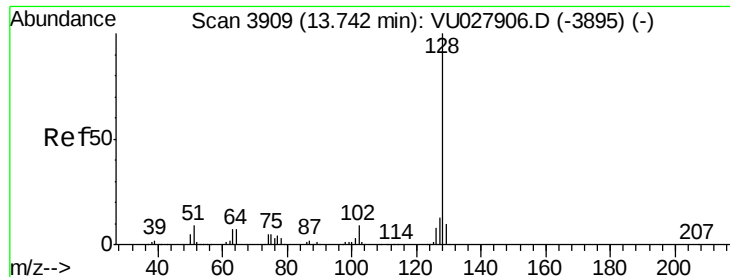
Tot Ion:105 Resp: 9501
 Ion Ratio Lower Upper
 105 100
 120 18.9 22.1 66.1#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.707 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027967.D
 Acq: 05 Nov 2018 19:01

Tgt Ion:180 Resp: 89
 Ion Ratio Lower Upper
 180 100
 182 73.0 48.4 145.2
 145 247.2 14.9 44.5#

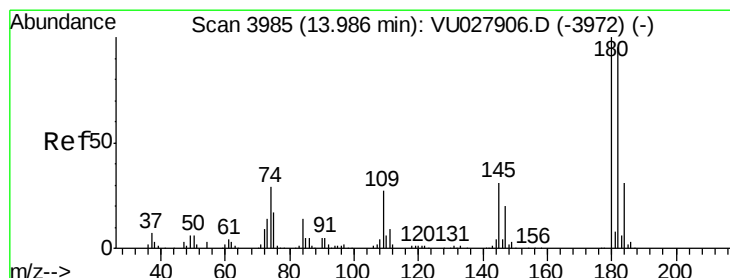
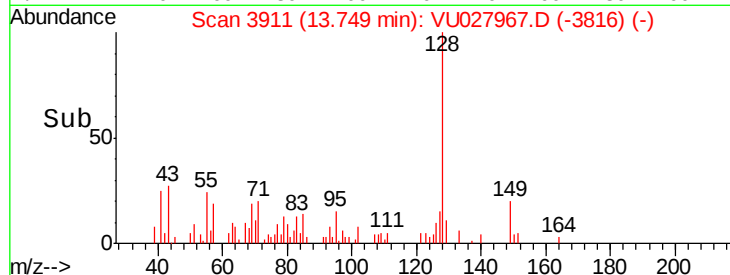
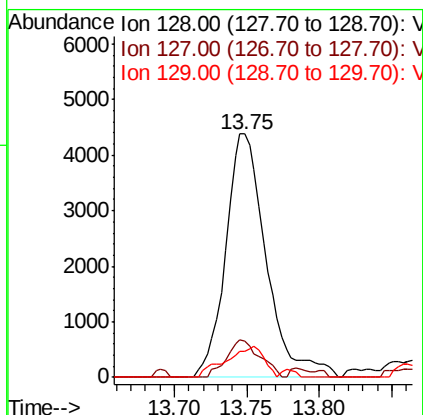
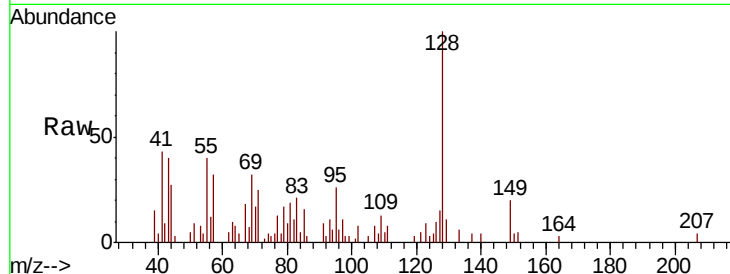




#95
Naphthalene
Concen: 0.428 ug/l
RT: 13.75 min Scan# 3911
Delta R.T. 0.01 min
Lab File: VU027967.D
Acq: 05 Nov 2018 19:01

Instrument :
MSVOA_U
ClientSampleId :
DPC-91468-OW-01

Tot Ion:128 Resp: 8489
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 11.9 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 0.480 ug/l
RT: 14.02 min Scan# 3995
Delta R.T. 0.03 min
Lab File: VU027967.D
Acq: 05 Nov 2018 19:01

Tgt Ion:180 Resp: 1808
Ion Ratio Lower Upper
180 100
182 0.0 47.4 142.3#
145 28.7 16.0 47.9

