

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120318\
 Data File : VU028446.D
 Acq On : 03 Dec 2018 17:05
 Operator : MD/SY
 Sample : J5764-24
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 JC-02-113018-B

Quant Time: Dec 04 06:57:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	285160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	534574	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	513140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	247351	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	242371	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
35) Dibromofluoromethane	4.88	113	178527	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
50) Toluene-d8	7.57	98	705401	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
62) 4-Bromofluorobenzene	10.31	95	259878	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	

Target Compounds

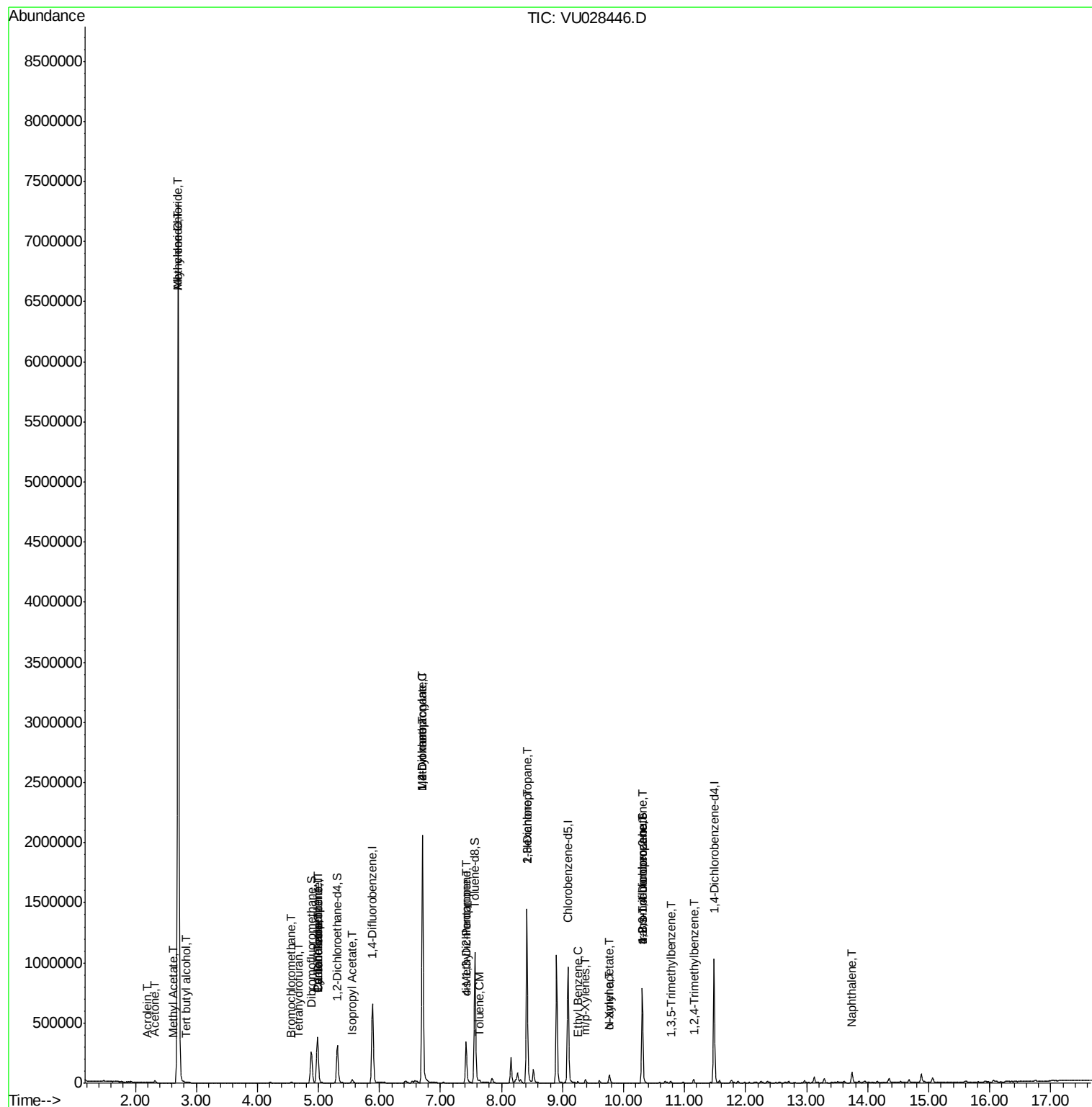
						Qvalue
11) Tert butyl alcohol	2.84	59	785	0.725	ug/l #	72
13) Acrolein	2.20	56	298	0.310	ug/l #	56
14) Allyl chloride	2.70	41	139705	17.552	ug/l #	27
16) Acetone	2.32	43	16978	5.824	ug/l	100
18) Methyl Acetate	2.62	43	2878	0.355	ug/l #	67
20) Methylene Chloride	2.70	84	2971255	723.590	ug/l	96
28) Bromochloromethane	4.56	49	3415	0.884	ug/l #	89
29) Tetrahydrofuran	4.67	42	1385	0.511	ug/l #	65
31) Cyclohexane	4.99	56	7190	0.525	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	24954	4.266	ug/l #	50
38) Carbon Tetrachloride	4.98	117	28048	5.839	ug/l #	16
43) Isopropyl Acetate	5.55	43	34900	2.763	ug/l	98
45) 1,2-Dichloropropane	6.70	63	2293	0.452	ug/l #	43
48) Methyl methacrylate	6.70	41	180425	27.418	ug/l #	47
49) 1,4-Dioxane	6.70	88	103	0.980	ug/l #	15
51) 4-Methyl-2-Pentanone	7.42	43	136016	16.858	ug/l #	49
52) Toluene	7.64	92	4184	0.419	ug/l	100
54) cis-1,3-Dichloropropene	7.42	75	59004	7.946	ug/l #	57
57) 1,3-Dichloropropane	8.41	76	13674	1.796	ug/l #	43
59) 2-Hexanone	8.41	43	218297	34.929	ug/l #	52
67) Ethyl Benzene	9.25	91	6766	0.337	ug/l #	83
68) m/p-Xylenes	9.38	106	8493	1.176	ug/l	78
69) o-Xylene	9.78	106	2805	0.391	ug/l	86
74) N-ethyl acetate	9.76	43	21322	1.769	ug/l #	57
76) 1,2,3-Trichloropropane	10.30	75	135553	19.762	ug/l #	33
80) 1,3,5-Trimethylbenzene	10.77	105	6633	0.409	ug/l	94
81) trans-1,4-Dichloro-2-buten	10.30	75	135553	52.458	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	14899	0.907	ug/l	100
95) Naphthalene	13.74	128	73879	6.183	ug/l	99

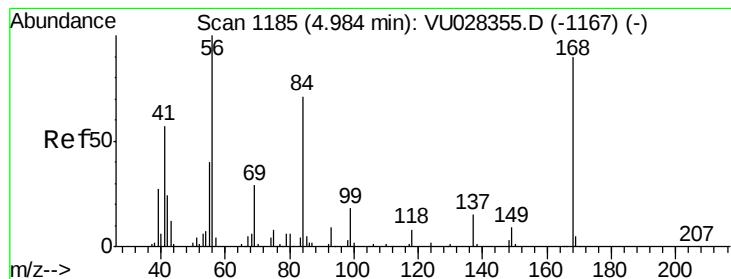
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Nov 29 01:04:49 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028446.D

Acq: 03 Dec 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

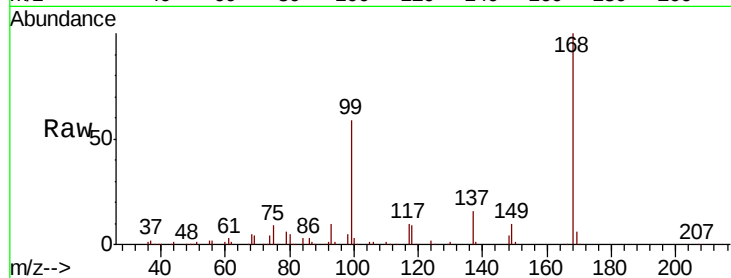
JC-02-113018-B

Tot Ion:168 Resp: 285160

Ion Ratio Lower Upper

168 100

99 59.4 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028355.D (-1167) (-)

4.98

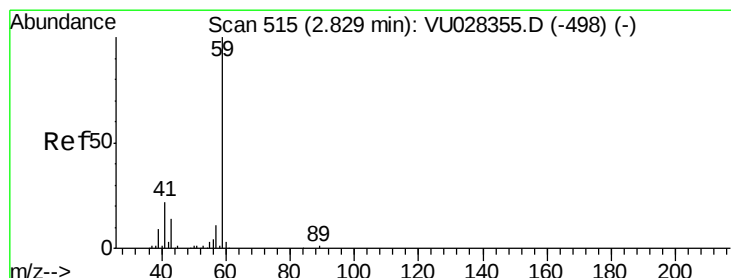
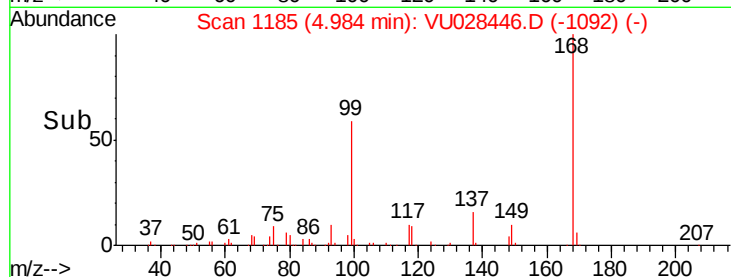
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.725 ug/l

RT: 2.84 min Scan# 517

Delta R.T. 0.01 min

Lab File: VU028446.D

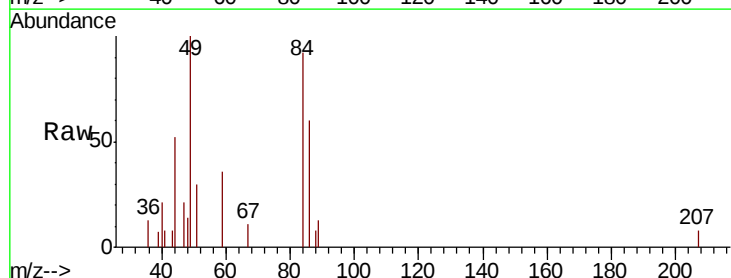
Acq: 03 Dec 2018 17:05

Tgt Ion: 59 Resp: 785

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VU028355.D (-498) (-)

Ion 57.00 (56.70 to 57.70): VU028355.D (-498) (-)

2.84

600

500

400

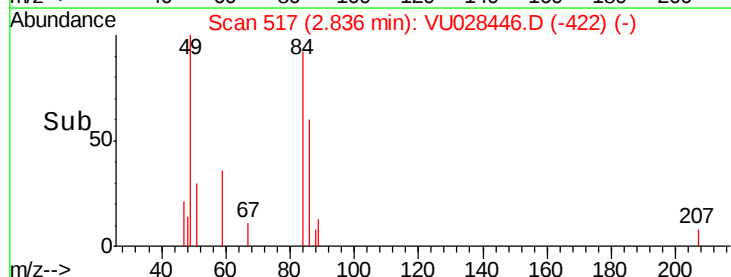
300

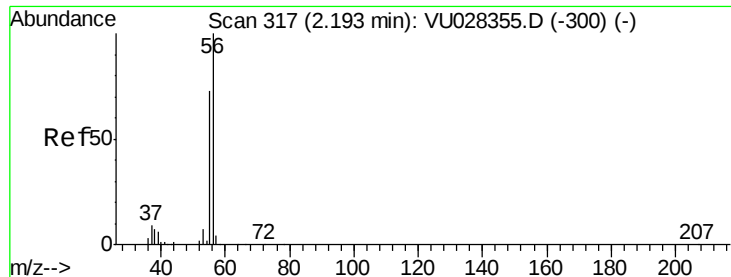
200

100

0

Time-->





#13

Acrolein

Concen: 0.310 ug/l

RT: 2.20 min Scan# 320

Delta R.T. 0.01 min

Lab File: VU028446.D

Acq: 03 Dec 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

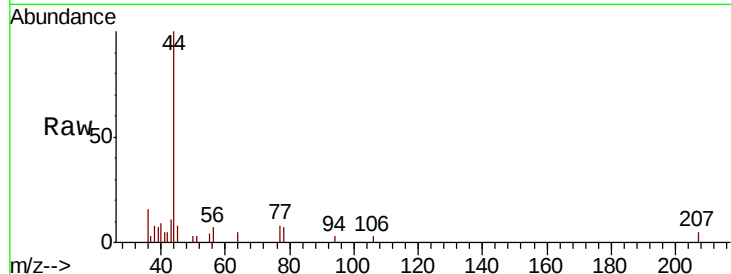
JC-02-113018-B

Tot Ion: 56 Resp: 298

Ion Ratio Lower Upper

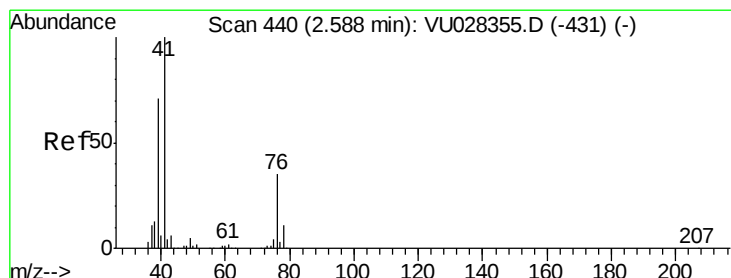
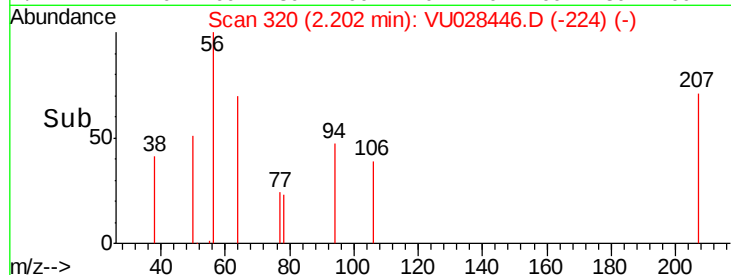
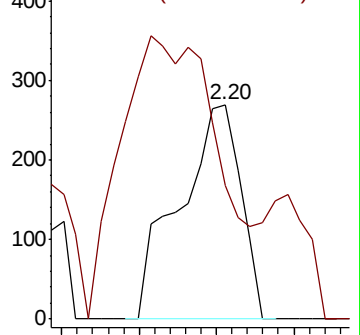
56 100

55 34.2 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 17.552 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.11 min

Lab File: VU028446.D

Acq: 03 Dec 2018 17:05

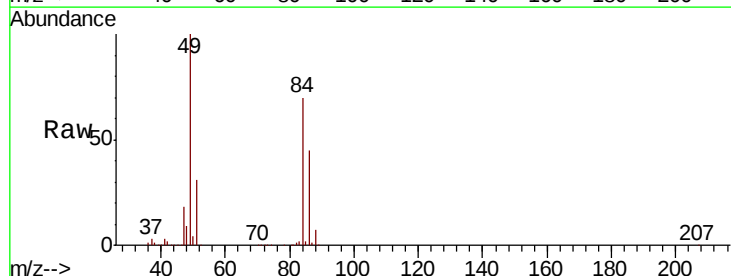
Tgt Ion: 41 Resp: 139705

Ion Ratio Lower Upper

41 100

39 1.1 51.6 77.4#

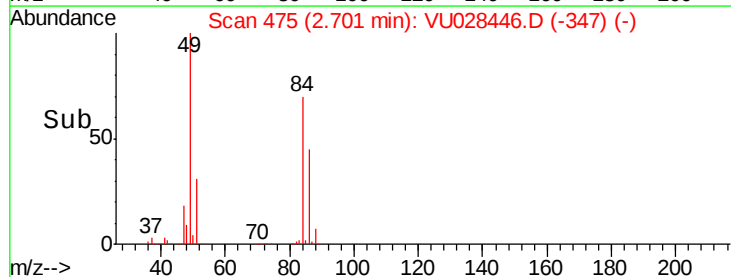
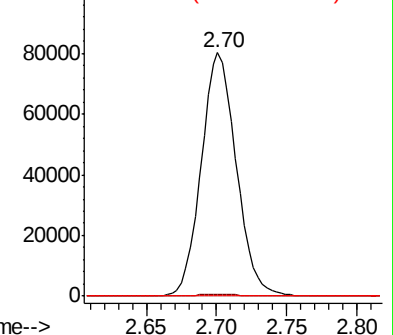
76 0.0 24.4 36.6#

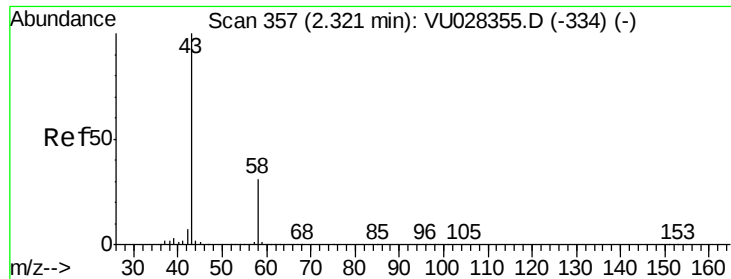


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#16

Acetone

Concen: 5.824 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028446.D

Acq: 03 Dec 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

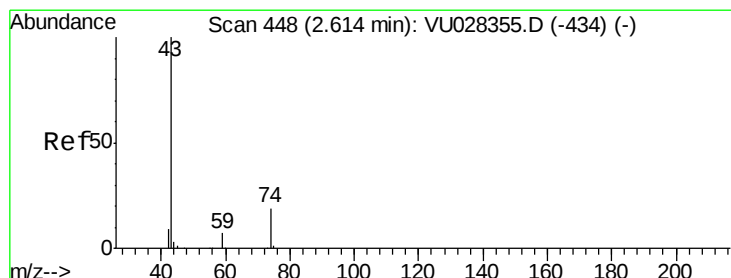
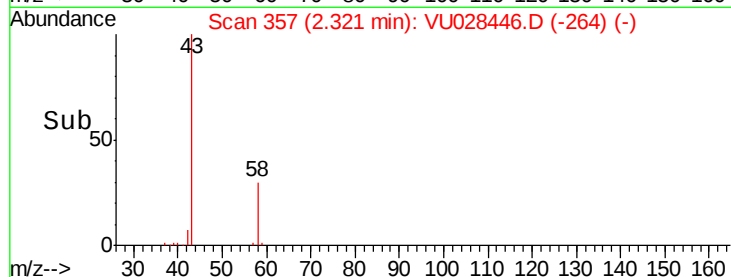
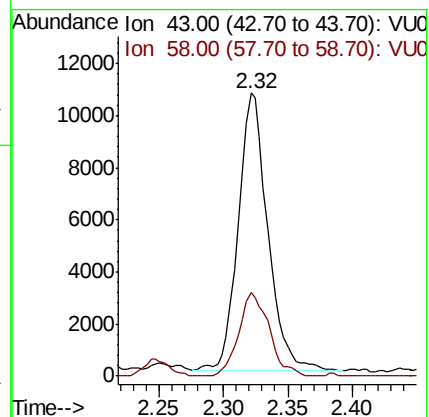
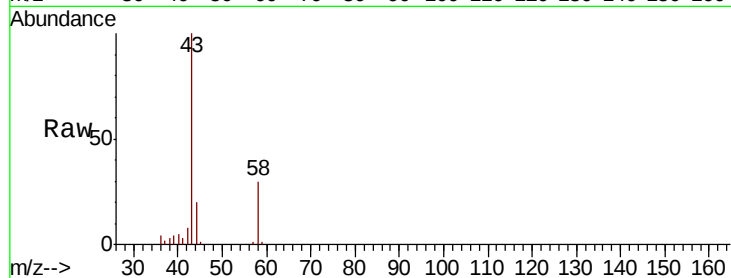
JC-02-113018-B

Tot Ion: 43 Resp: 16978

Ion Ratio Lower Upper

43 100

58 30.3 24.4 36.6



#18

Methyl Acetate

Concen: 0.355 ug/l

RT: 2.62 min Scan# 449

Delta R.T. 0.00 min

Lab File: VU028446.D

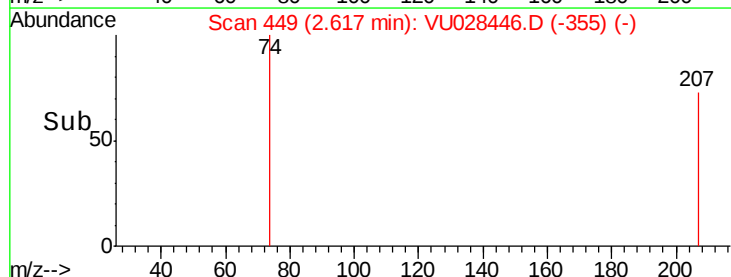
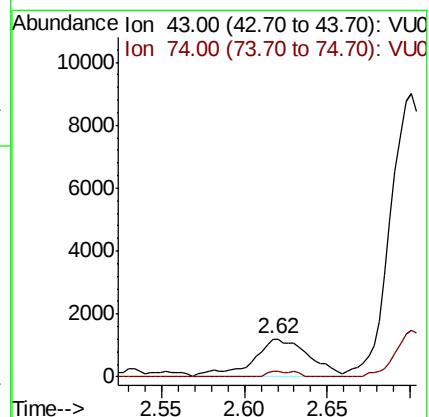
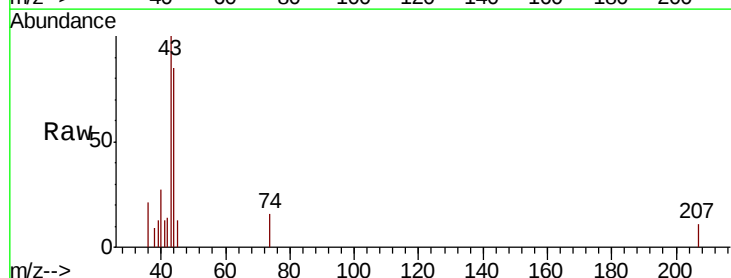
Acq: 03 Dec 2018 17:05

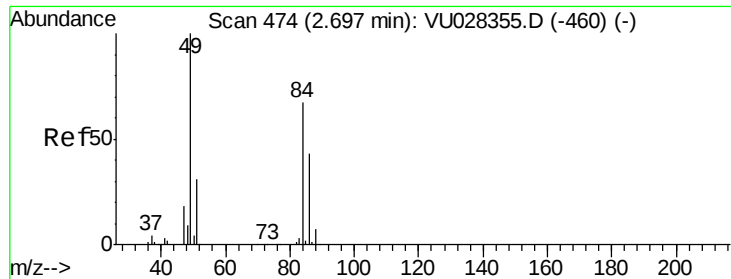
Tgt Ion: 43 Resp: 2878

Ion Ratio Lower Upper

43 100

74 4.2 15.3 22.9#

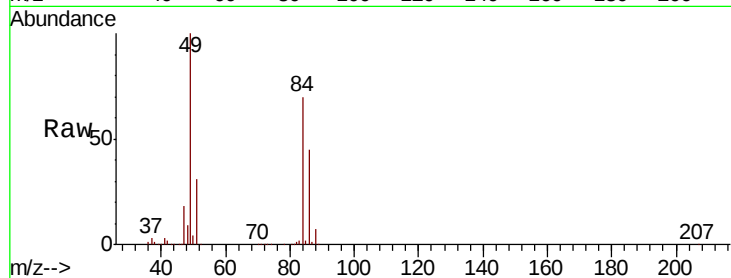




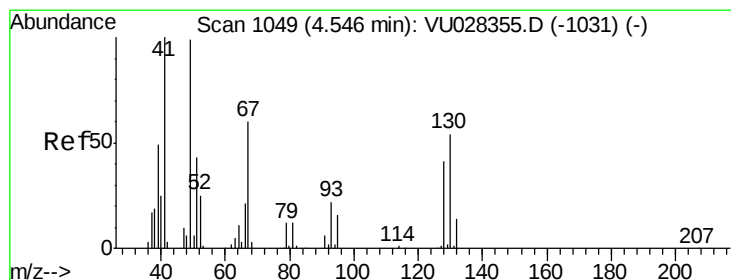
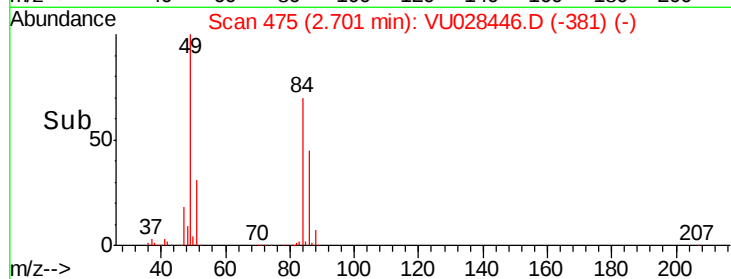
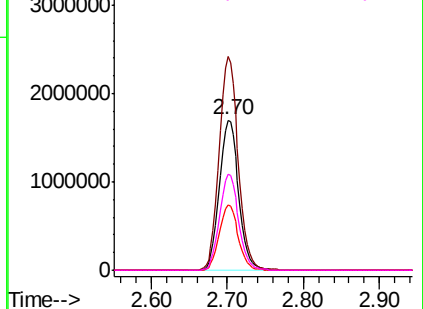
#20
Methvlene Chloride
Concen: 723.590 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

Instrument :
MSVOA_U
ClientSampleId :
JC-02-113018-B

Tot Ion: 84 Resp: 2971255
Ion Ratio Lower Upper
84 100
49 142.3 120.0 180.0
51 43.4 36.9 55.3
86 64.1 51.1 76.7

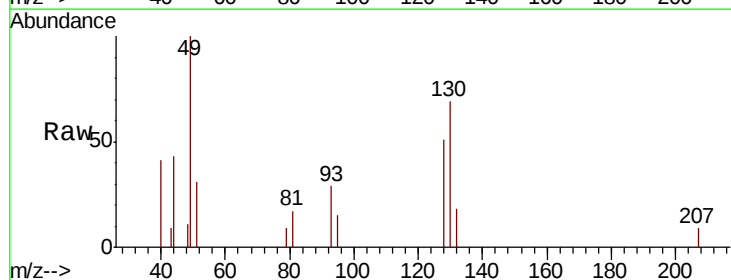


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

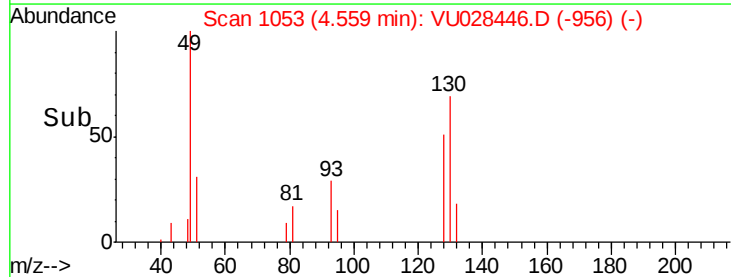
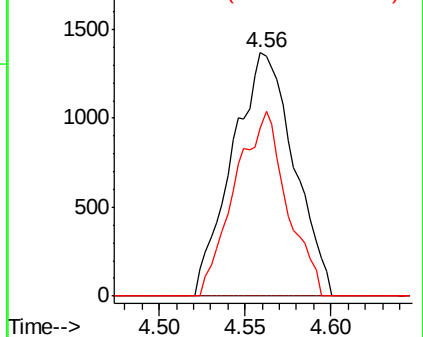


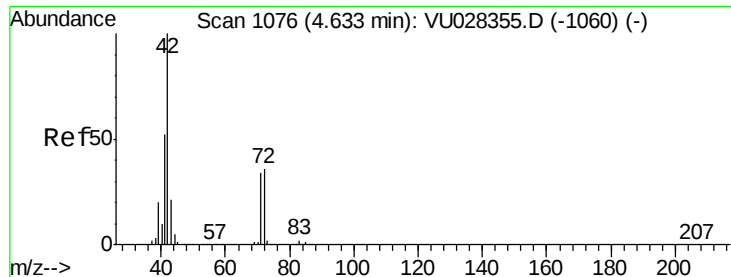
#28
Bromochloromethane
Concen: 0.884 ug/l
RT: 4.56 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

Tgt Ion: 49 Resp: 3415
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.6
130 64.0 44.5 66.7



Abundance Ion 48.90 (48.60 to 49.60): VU0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 0.511 ug/l

RT: 4.67 min Scan# 1086

Delta R.T. 0.03 min

Lab File: VU028446.D

Acq: 03 Dec 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

JC-02-113018-B

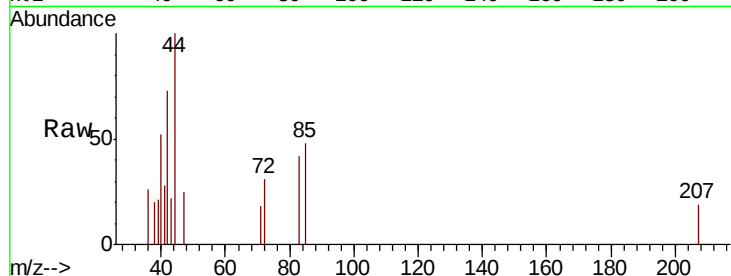
Tot Ion: 42 Resp: 1385

Ion Ratio Lower Upper

42 100

72 17.5 29.5 44.3#

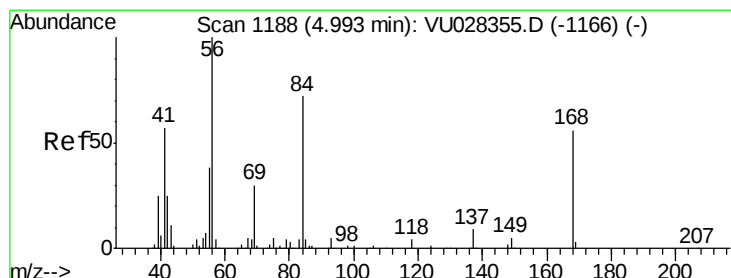
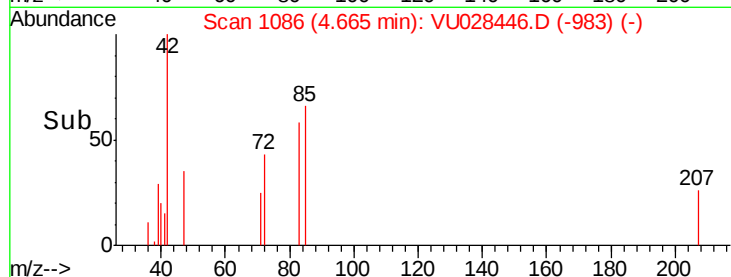
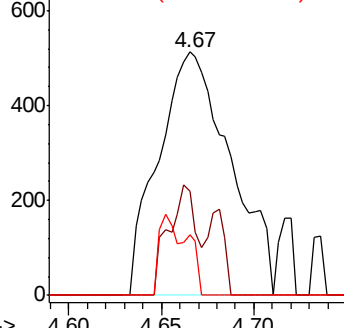
71 12.9 27.7 41.5#



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#31

Cyclohexane

Concen: 0.525 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.01 min

Lab File: VU028446.D

Acq: 03 Dec 2018 17:05

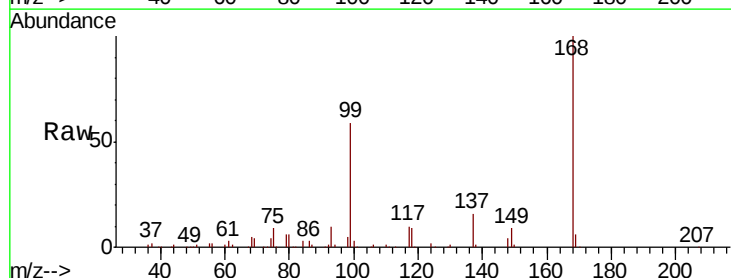
Tgt Ion: 56 Resp: 7190

Ion Ratio Lower Upper

56 100

69 166.0 23.7 35.5#

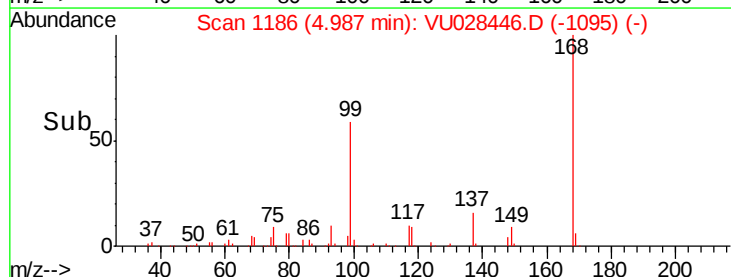
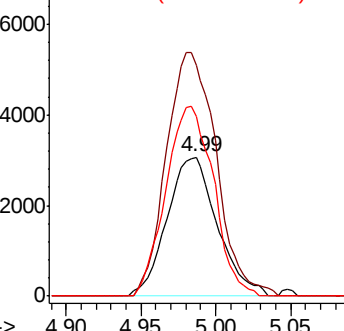
84 129.3 57.3 85.9#

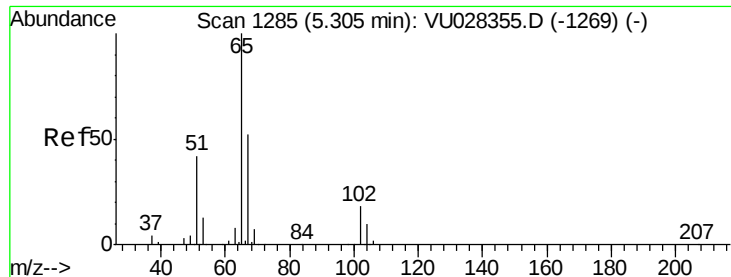


Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0





#33

1,2-Dichloroethane-d4

Concen: 50.857 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028446.D

Acq: 03 Dec 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

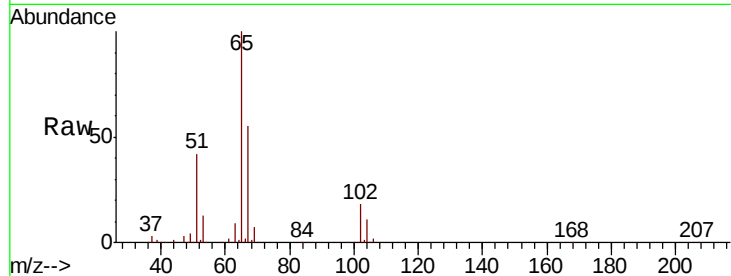
JC-02-113018-B

Tot Ion: 65 Resp: 242371

Ion Ratio Lower Upper

65 100

67 53.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VU028355.D (-1269) (-)

Ion 66.90 (66.60 to 67.60): VU028355.D (-1269) (-)

5.31

120000

100000

80000

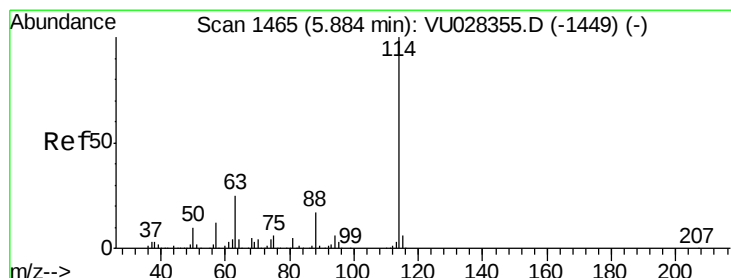
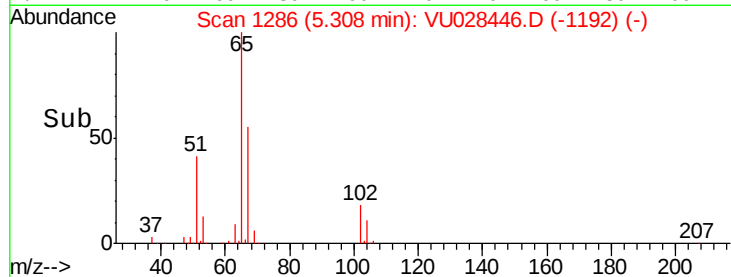
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. 0.00 min

Lab File: VU028446.D

Acq: 03 Dec 2018 17:05

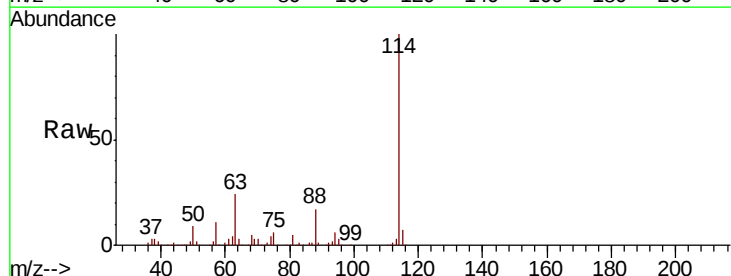
Tgt Ion: 114 Resp: 534574

Ion Ratio Lower Upper

114 100

63 24.0 0.0 50.0

88 16.8 0.0 34.4



Abundance Ion 113.90 (113.60 to 114.60): VU028355.D (-1449) (-)

Ion 63.00 (62.70 to 63.70): VU028355.D (-1449) (-)

Ion 87.90 (87.60 to 88.60): VU028355.D (-1449) (-)

5.89

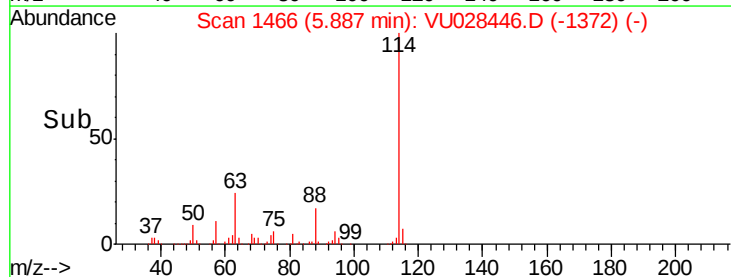
300000

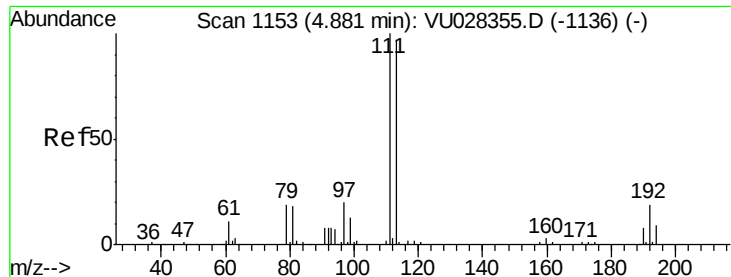
200000

100000

0

Time-->

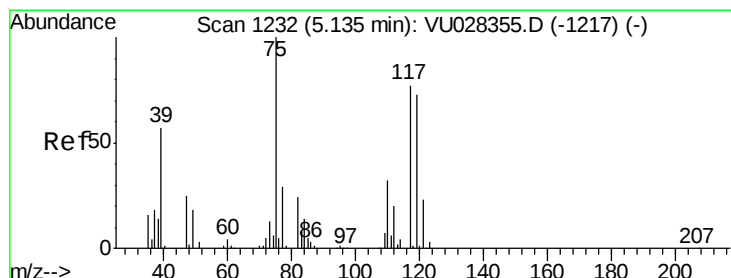
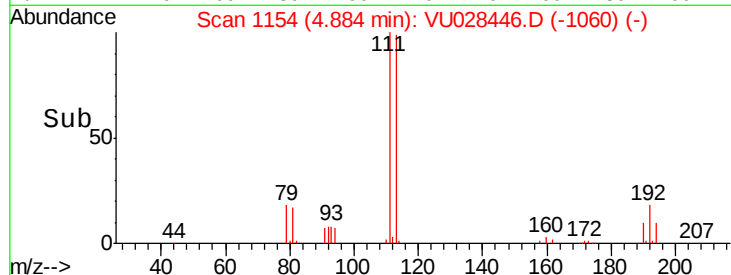
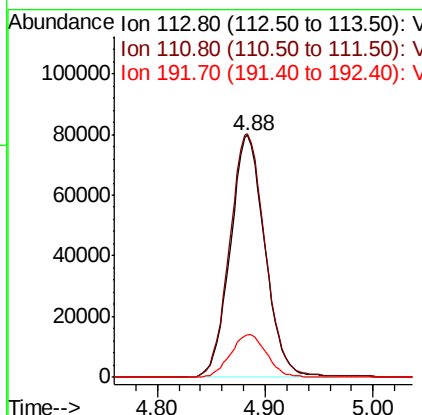
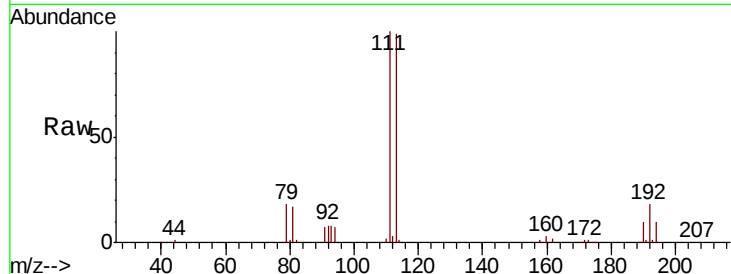




#35
 Dibromofluoromethane
 Concen: 50.223 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU028446.D
 Acq: 03 Dec 2018 17:05

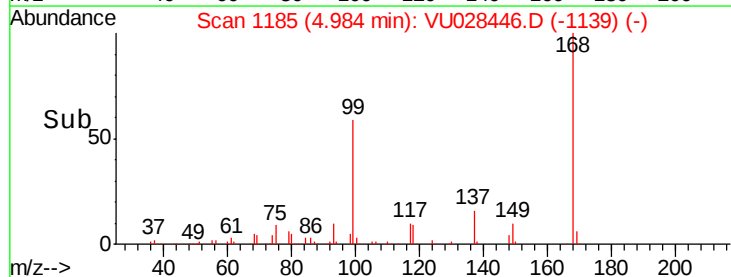
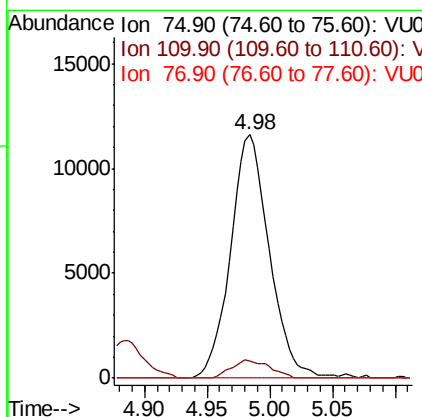
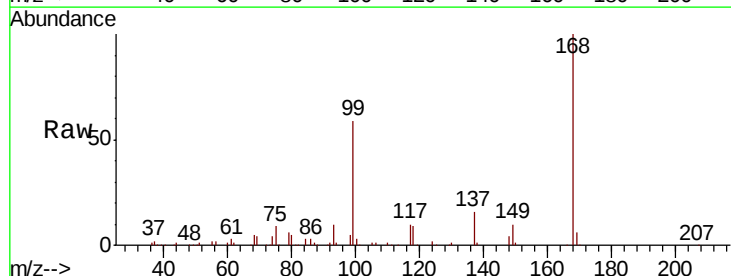
Instrument :
 MSVOA_U
 ClientSampleId :
 JC-02-113018-B

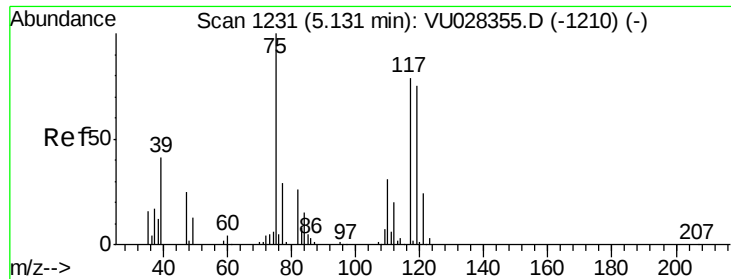
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	18.4	15.4	23.0



#36
 1,1-Dichloropropene
 Concen: 4.266 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU028446.D
 Acq: 03 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.3	15.8	47.4#
77	0.0	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 5.839 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028446.D

Acq: 03 Dec 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

JC-02-113018-B

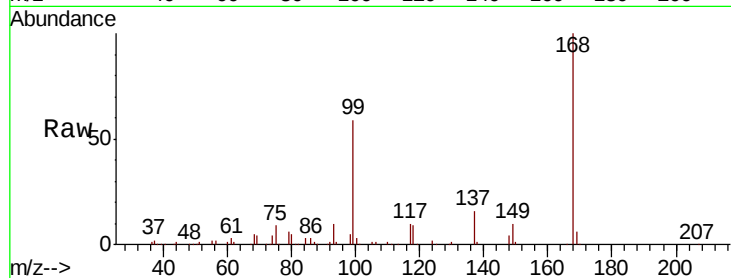
Tot Ion:117 Resp: 28048

Ion Ratio Lower Upper

117 100

119 4.8 76.3 114.5#

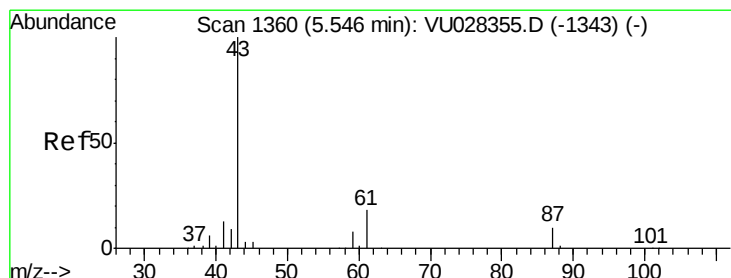
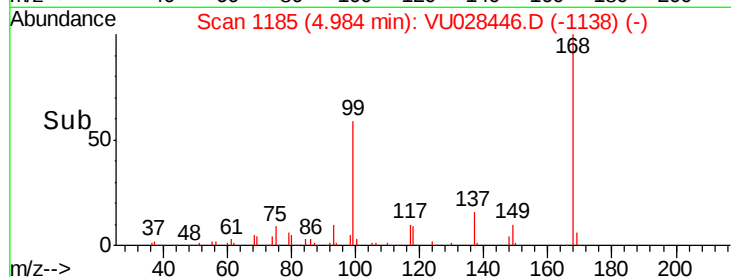
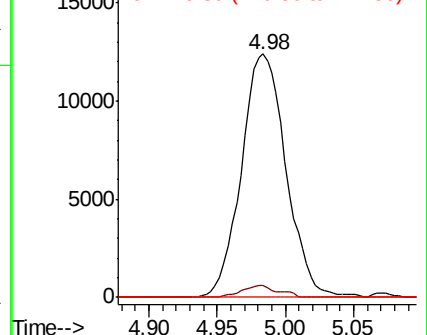
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 2.763 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU028446.D

Acq: 03 Dec 2018 17:05

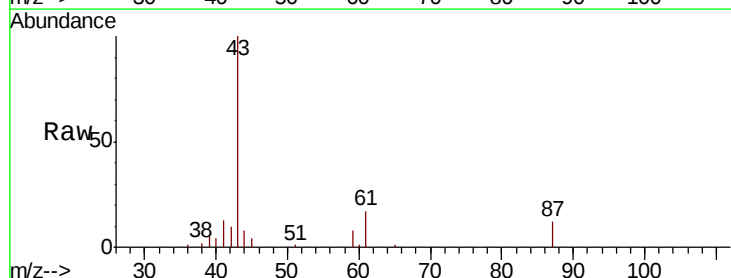
Tgt Ion: 43 Resp: 34900

Ion Ratio Lower Upper

43 100

61 17.3 14.5 21.7

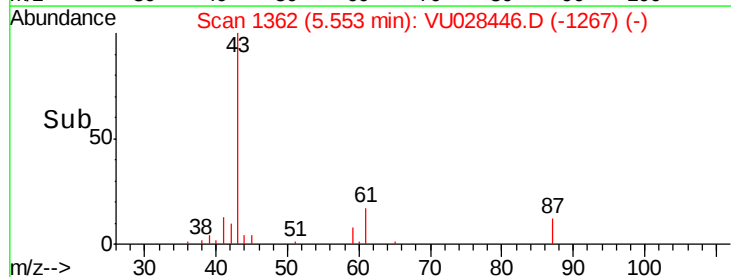
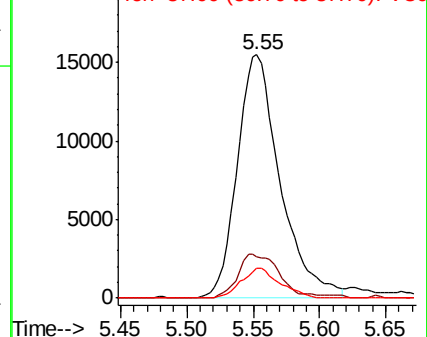
87 11.0 8.4 12.6

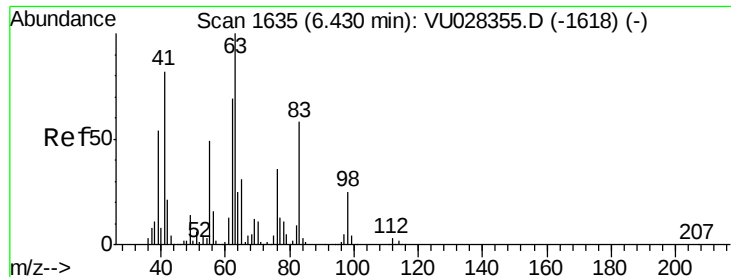


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#45

1,2-Dichloropropane

Concen: 0.452 ug/l

RT: 6.70 min Scan# 1720

Delta R.T. 0.27 min

Lab File: VU028446.D

Acq: 03 Dec 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

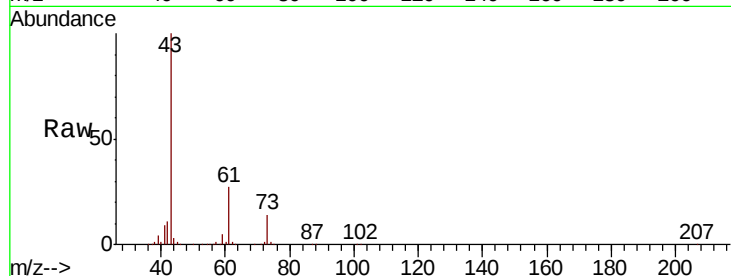
JC-02-113018-B

Tot Ion: 63 Resp: 2293

Ion Ratio Lower Upper

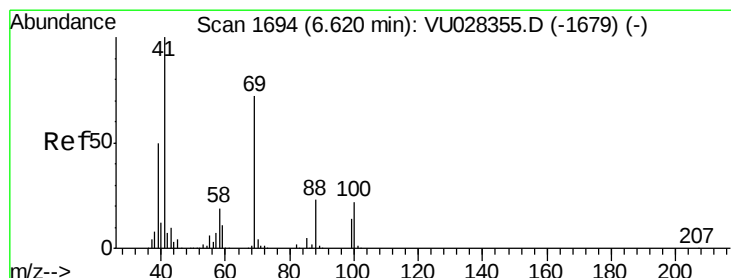
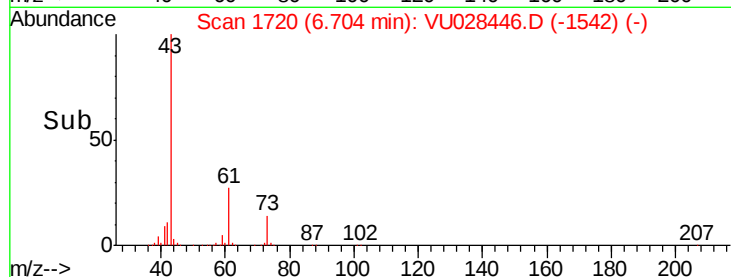
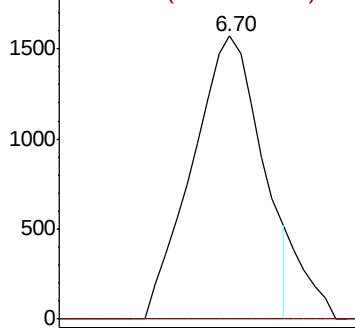
63 100

65 0.0 25.1 37.7#



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#48

Methyl methacrylate

Concen: 27.418 ug/l

RT: 6.70 min Scan# 1720

Delta R.T. 0.08 min

Lab File: VU028446.D

Acq: 03 Dec 2018 17:05

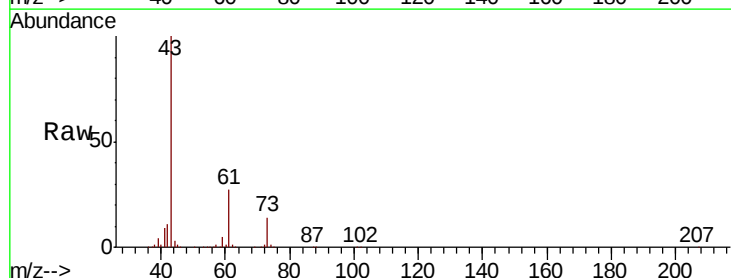
Tgt Ion: 41 Resp: 180425

Ion Ratio Lower Upper

41 100

69 0.1 59.0 88.4#

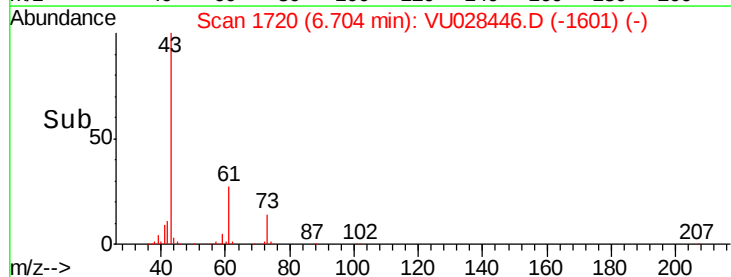
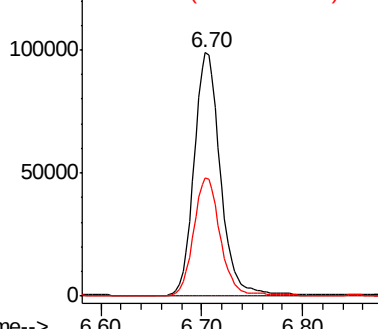
39 49.2 40.5 60.7

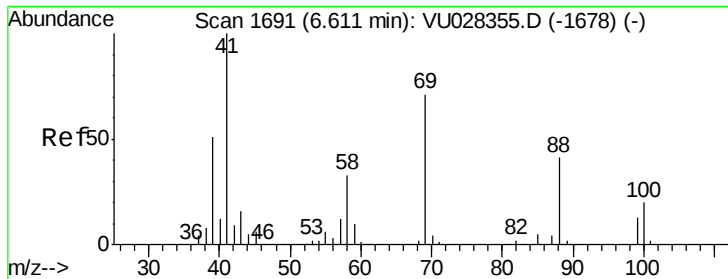


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0





#49

1,4-Dioxane

Concen: 0.980 ug/l

RT: 6.70 min Scan# 1718

Delta R.T. 0.09 min

Lab File: VU028446.D

Acq: 03 Dec 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

JC-02-113018-B

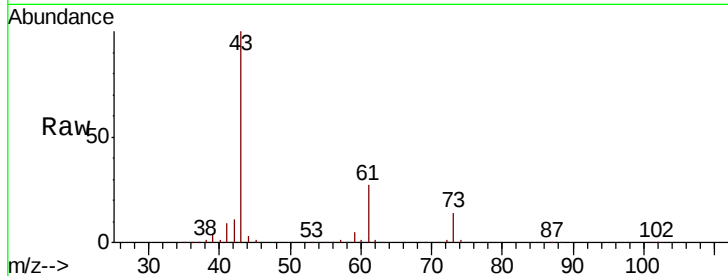
Tot Ion: 88 Resp: 103

Ion Ratio Lower Upper

88 100

43 0.0 32.6 48.8#

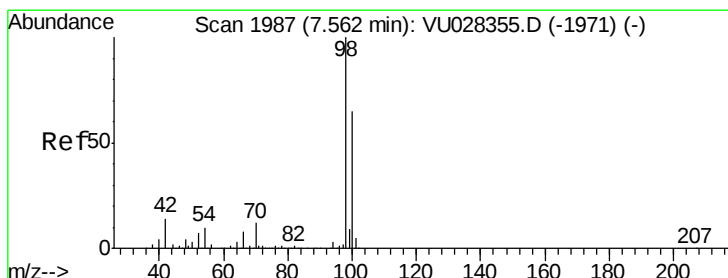
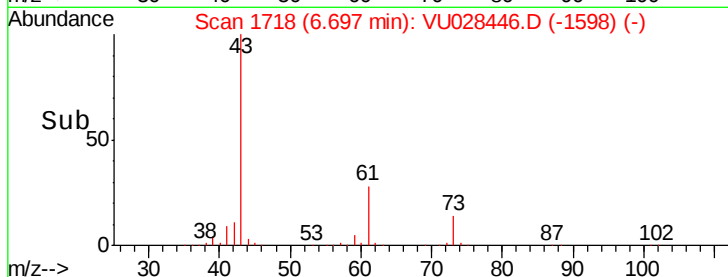
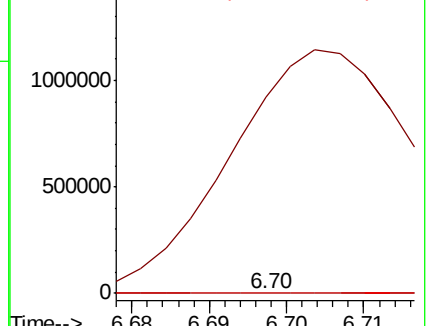
58 0.0 68.7 103.1#



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: 49.619 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028446.D

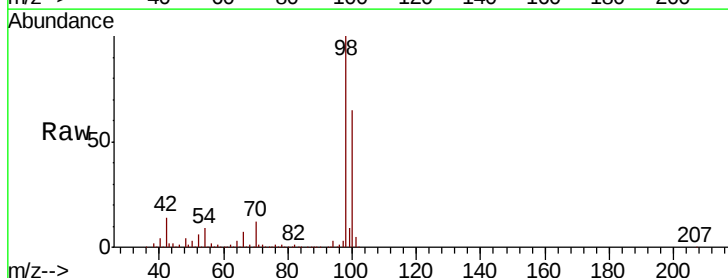
Acq: 03 Dec 2018 17:05

Tgt Ion: 98 Resp: 705401

Ion Ratio Lower Upper

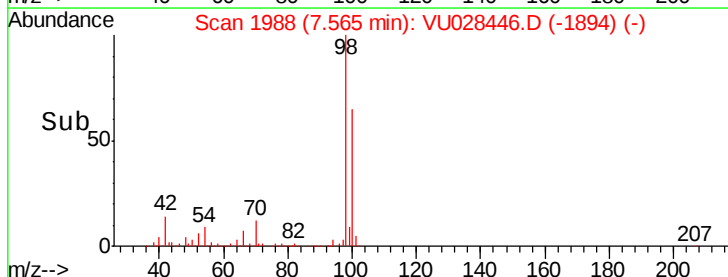
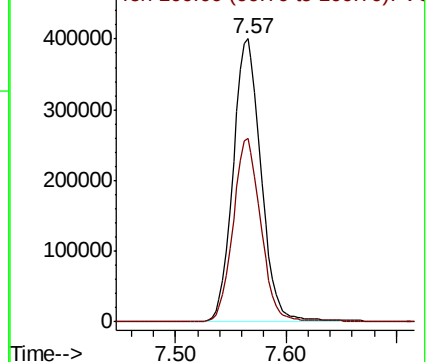
98 100

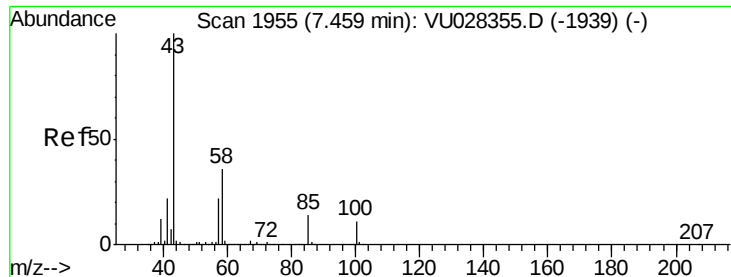
100 63.5 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#51

4-Methyl-2-Pentanone

Concen: 16.858 ug/l

RT: 7.42 min Scan# 1943

Delta R.T. -0.04 min

Lab File: VU028446.D

Acq: 03 Dec 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

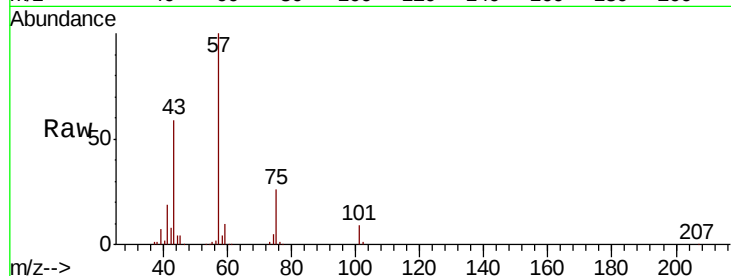
JC-02-113018-B

Tot Ion: 43 Resp: 136016

Ion Ratio Lower Upper

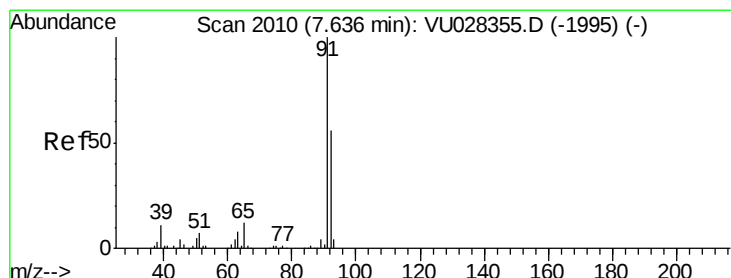
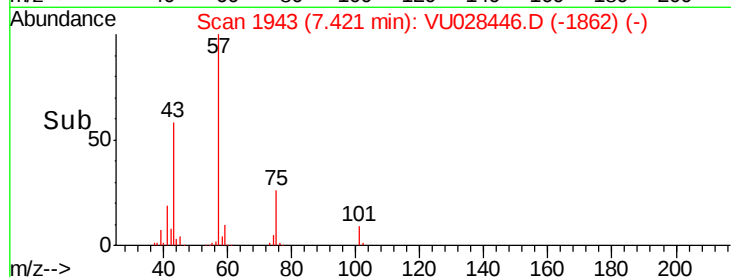
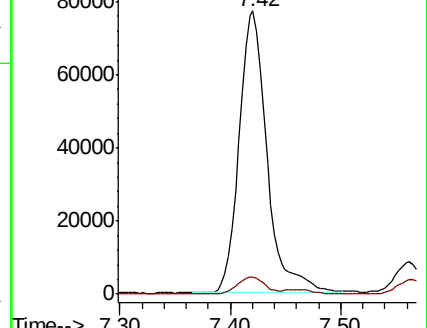
43 100

58 5.9 28.8 43.2#



Abundance Ion 43.00 (42.70 to 43.70): VU028355.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU028355.D (-1939) (-)



#52

Toluene

Concen: 0.419 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU028446.D

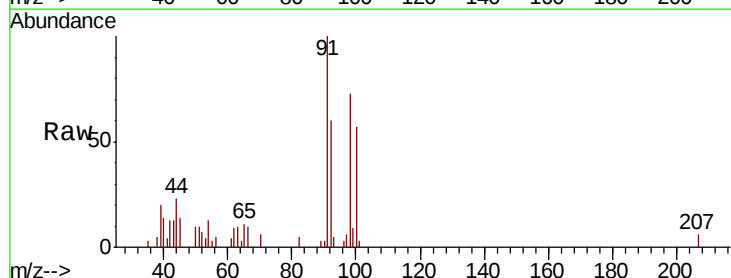
Acq: 03 Dec 2018 17:05

Tgt Ion: 92 Resp: 4184

Ion Ratio Lower Upper

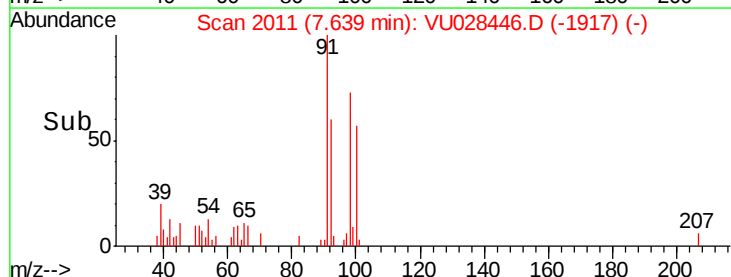
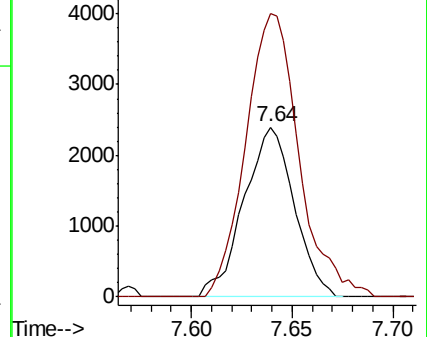
92 100

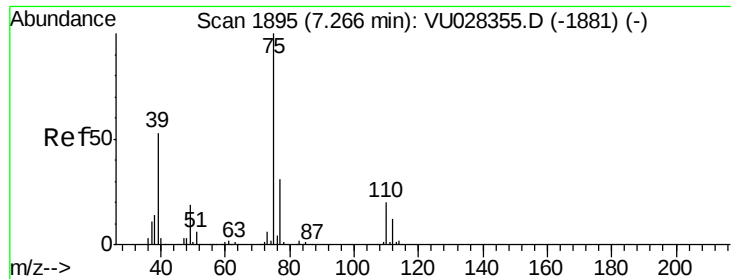
91 176.8 141.8 212.6



Abundance Ion 92.00 (91.70 to 92.70): VU028355.D (-1995) (-)

Ion 91.00 (90.70 to 91.70): VU028355.D (-1995) (-)



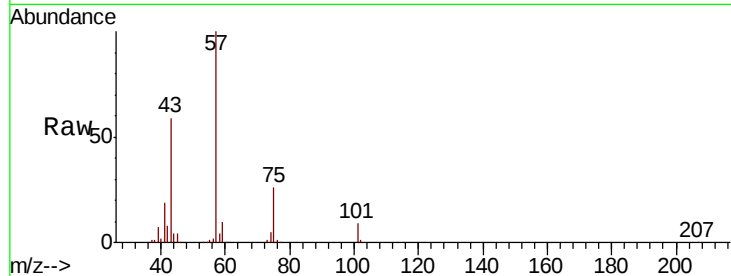


#54

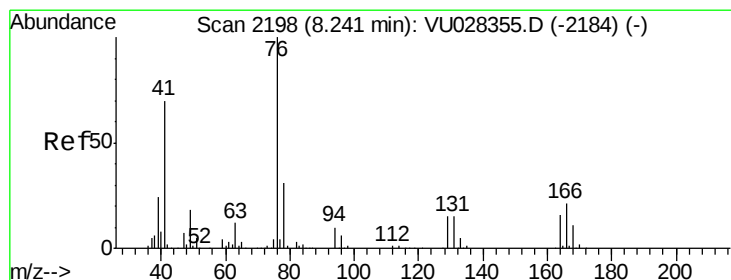
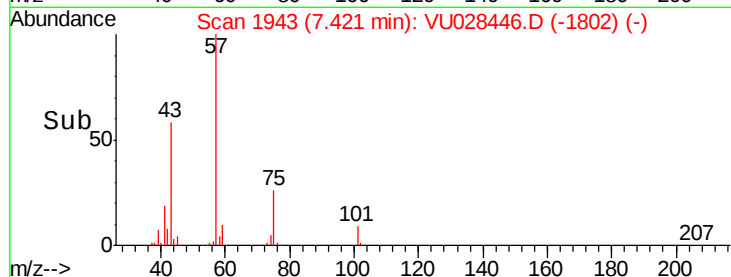
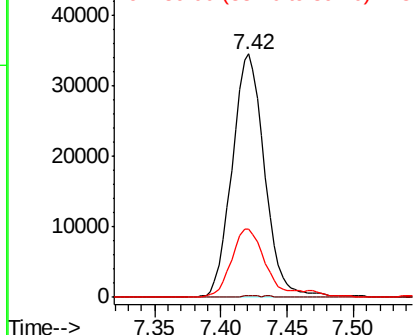
cis-1,3-Dichloropropene
 Concen: 7.946 ug/l
 RT: 7.42 min Scan# 1943
 Delta R.T. 0.15 min
 Lab File: VU028446.D
 Acq: 03 Dec 2018 17:05

Instrument :
 MSVOA_U
 ClientSampleId :
 JC-02-113018-B

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.6	24.9	37.3#
39	28.0	42.6	64.0#



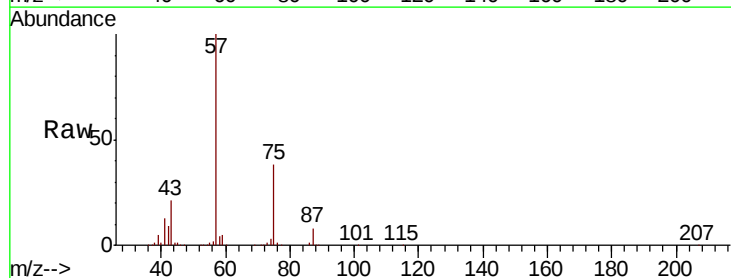
Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 76.90 (76.60 to 77.60): VU0
 Ion 39.00 (38.70 to 39.70): VU0



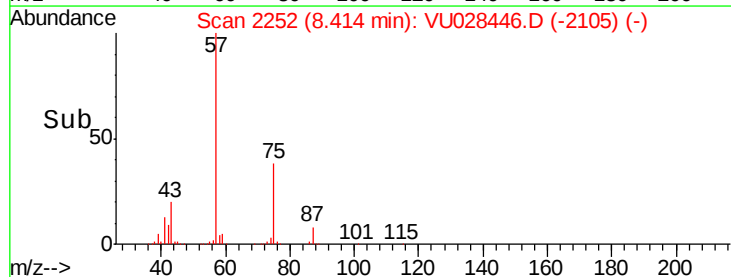
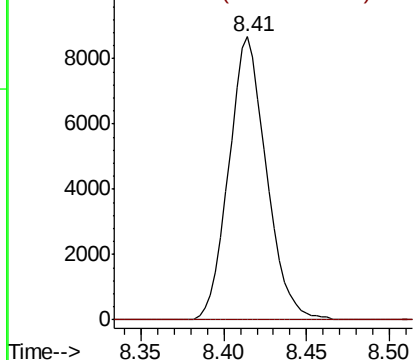
#57

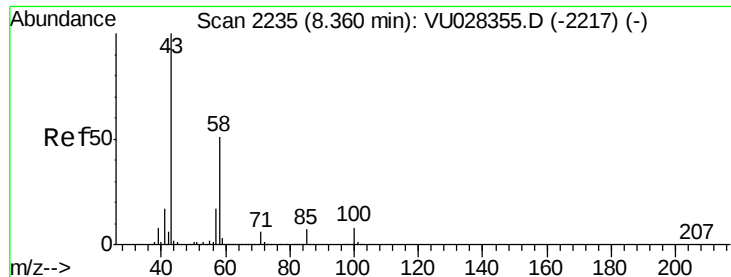
1,3-Dichloropropane
 Concen: 1.796 ug/l
 RT: 8.41 min Scan# 2252
 Delta R.T. 0.17 min
 Lab File: VU028446.D
 Acq: 03 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.4	38.0#



Abundance Ion 75.90 (75.60 to 76.60): VU0
 Ion 77.90 (77.60 to 78.60): VU0





#59

2-Hexanone

Concen: 34.929 ug/l

RT: 8.41 min Scan# 2252

Delta R.T. 0.05 min

Lab File: VU028446.D

Acq: 03 Dec 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

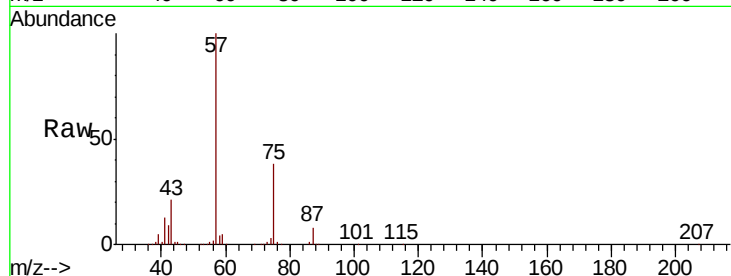
JC-02-113018-B

Tot Ion: 43 Resp: 218297

Ion Ratio Lower Upper

43 100

58 17.8 25.5 76.5#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

8.41

150000

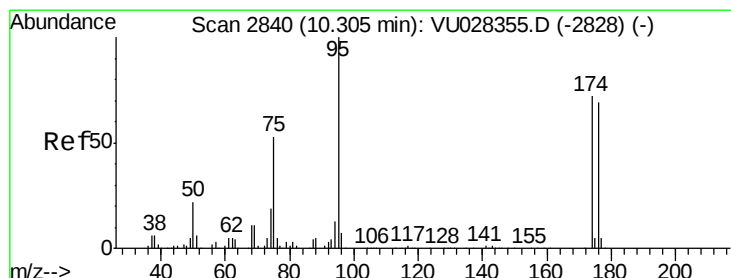
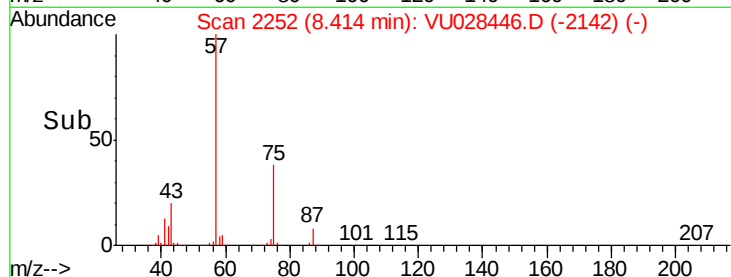
100000

50000

0

8.35 8.40 8.45 8.50

Time-->



#62

4-Bromofluorobenzene

Concen: 50.718 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028446.D

Acq: 03 Dec 2018 17:05

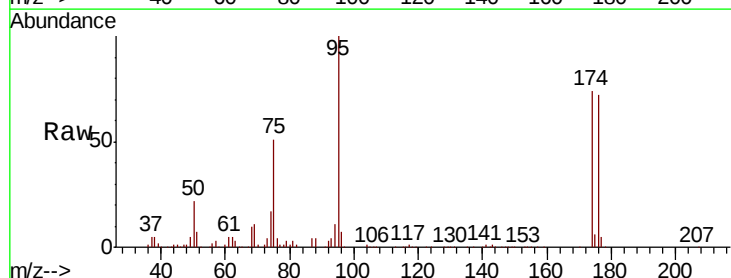
Tgt Ion: 95 Resp: 259878

Ion Ratio Lower Upper

95 100

174 75.6 0.0 145.4

176 71.4 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

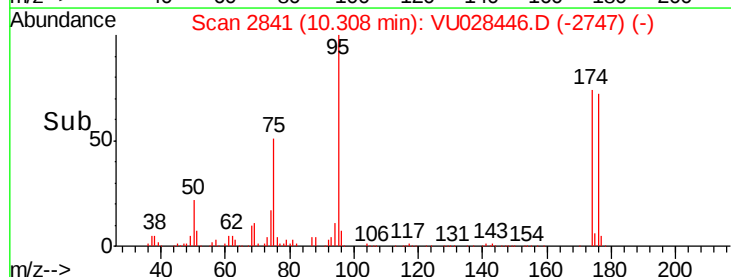
100000

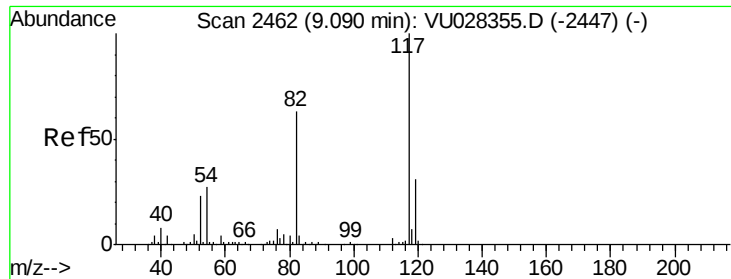
50000

0

10.30 10.40

Time-->

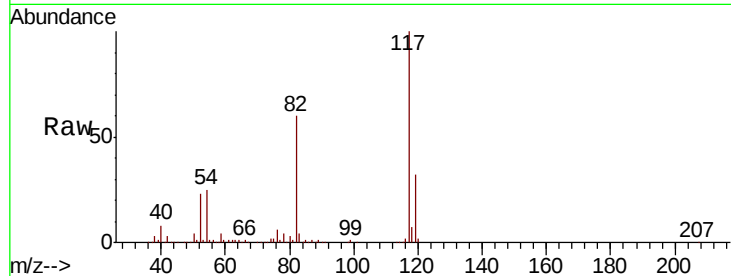




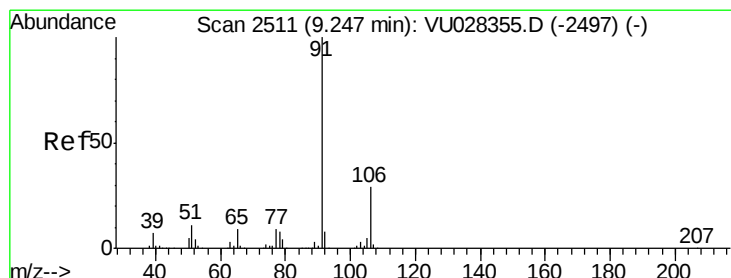
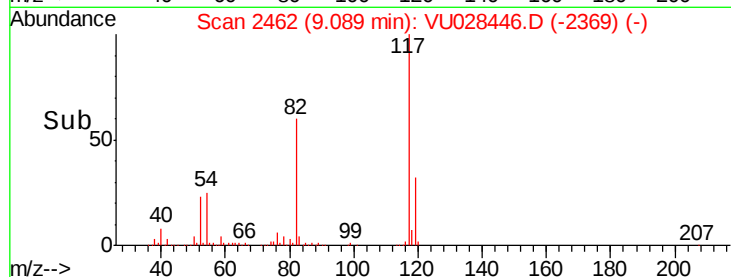
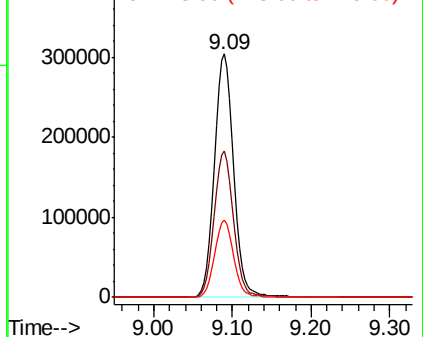
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

Instrument :
MSVOA_U
ClientSampleId :
JC-02-113018-B

Tot Ion:117 Resp: 513140
Ion Ratio Lower Upper
117 100
82 60.0 50.3 75.5
119 31.6 24.8 37.2

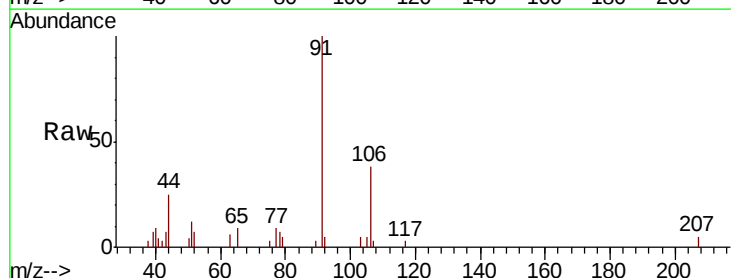


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

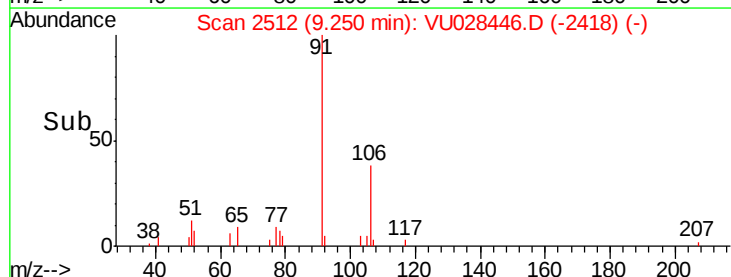
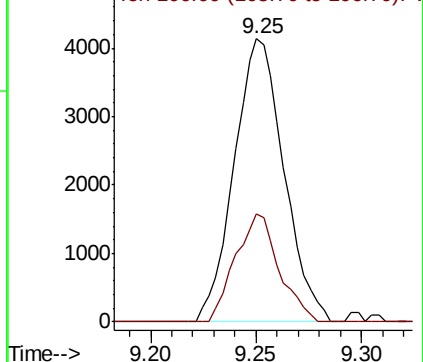


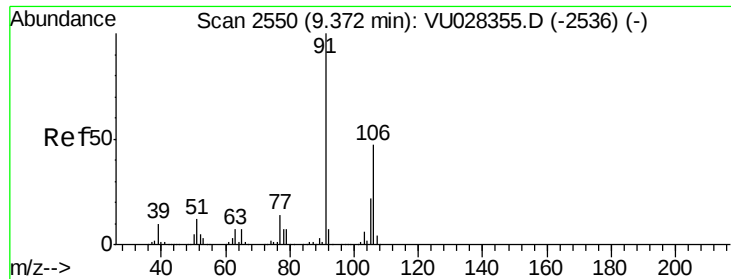
#67
Ethyl Benzene
Concen: 0.337 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

Tgt Ion: 91 Resp: 6766
Ion Ratio Lower Upper
91 100
106 38.2 23.3 34.9#



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

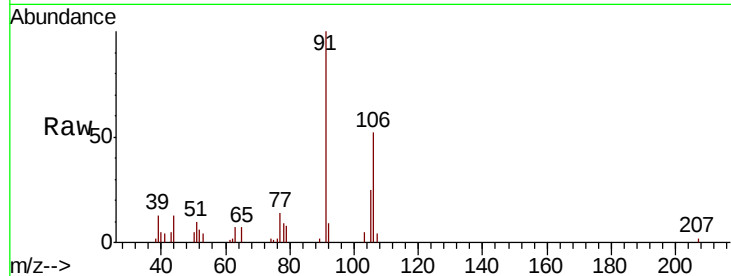




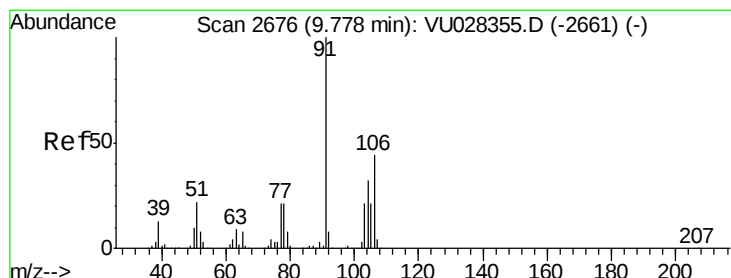
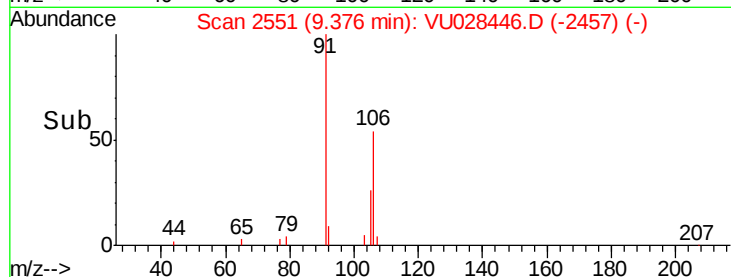
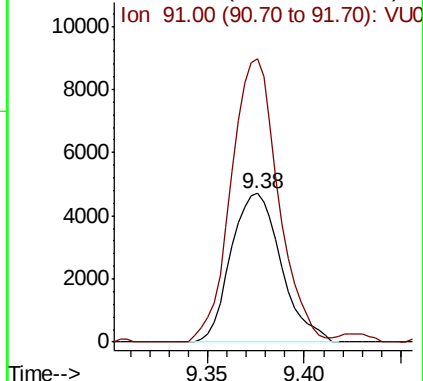
#68
m/p-Xylenes
Concen: 1.176 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

Instrument :
MSVOA_U
ClientSampleId :
JC-02-113018-B

Tot Ion:106 Resp: 8493
Ion Ratio Lower Upper
106 100
91 179.1 171.0 256.6

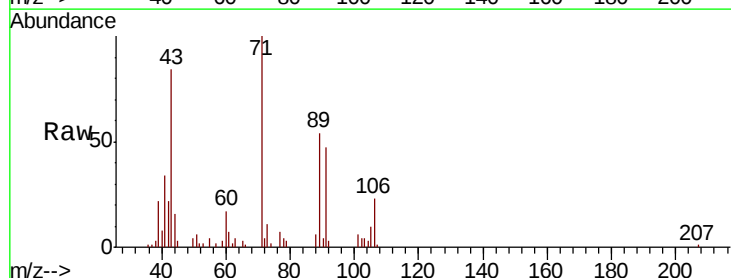


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

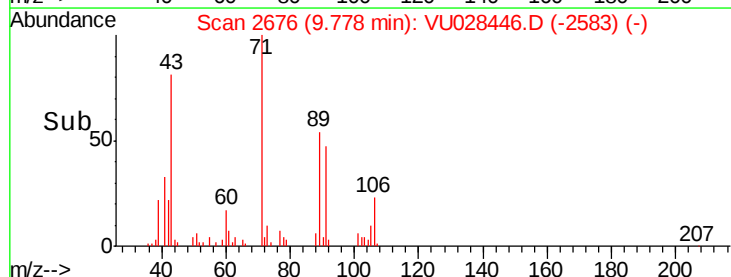
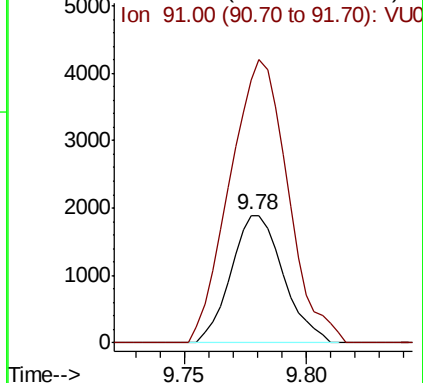


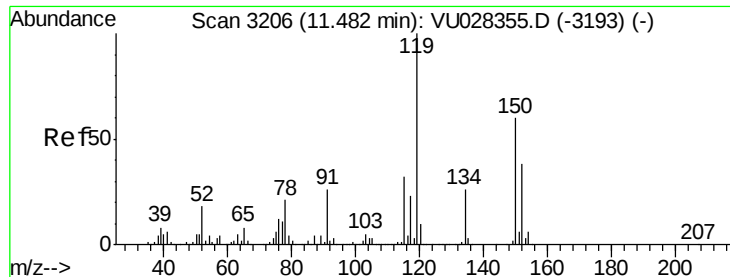
#69
o-Xylene
Concen: 0.391 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

Tgt Ion:106 Resp: 2805
Ion Ratio Lower Upper
106 100
91 247.5 112.7 338.0



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028446.D

Acq: 03 Dec 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

JC-02-113018-B

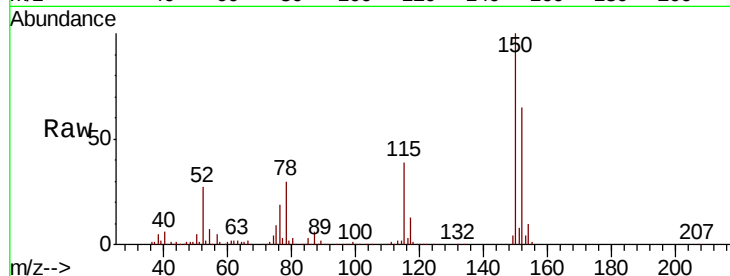
Tot Ion:152 Resp: 247351

Ion Ratio Lower Upper

152 100

115 61.0 45.0 134.8

150 155.5 0.0 349.2

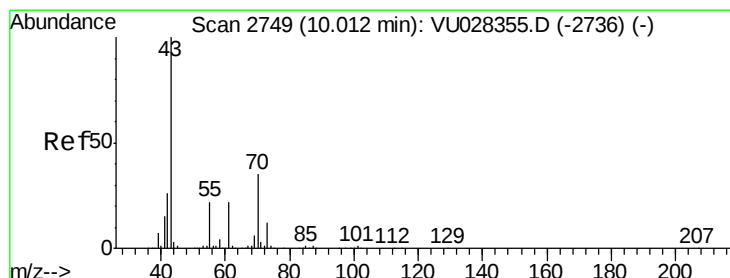
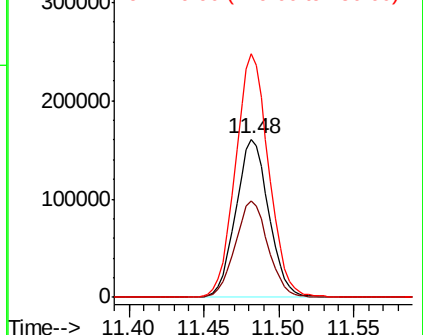
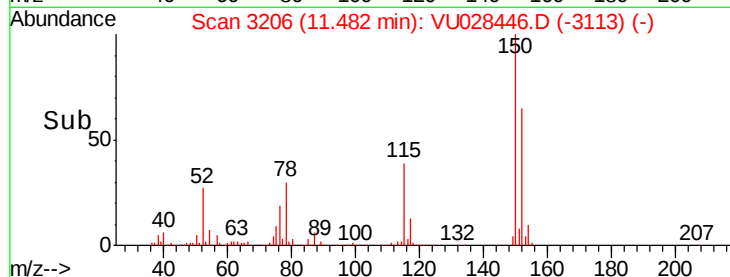


Abundance

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



#74

N-aryl acetate

Concen: 1.769 ug/l

RT: 9.76 min Scan# 2672

Delta R.T. -0.25 min

Lab File: VU028446.D

Acq: 03 Dec 2018 17:05

Tgt Ion: 43 Resp: 21322

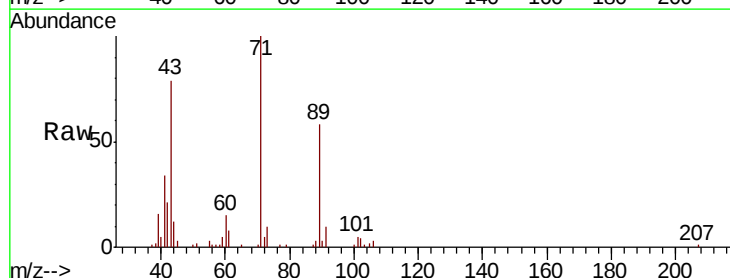
Ion Ratio Lower Upper

43 100

70 0.5 28.4 42.6#

55 4.5 18.0 27.0#

61 11.1 17.6 26.4#



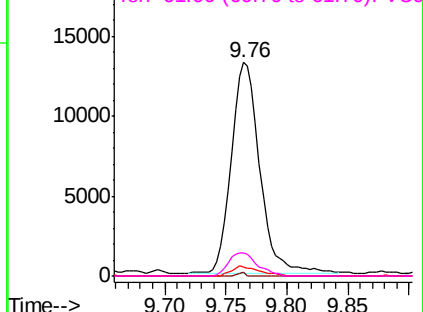
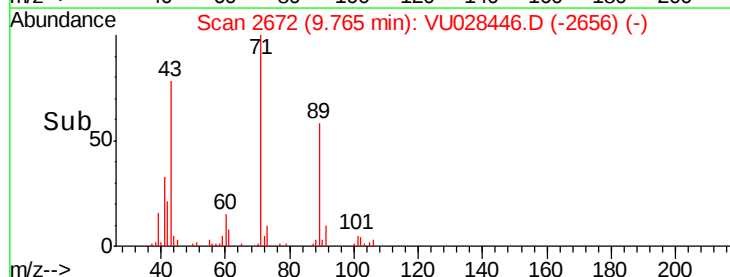
Abundance

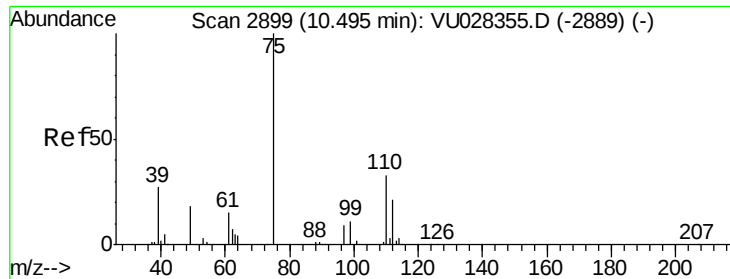
Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

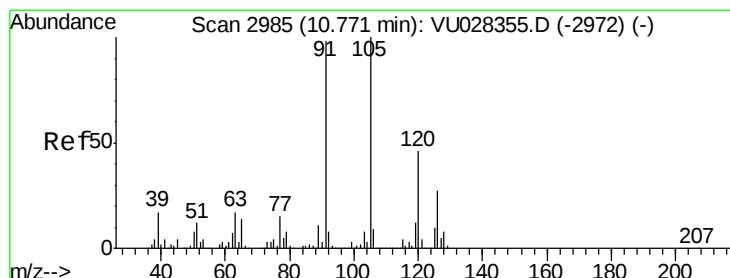
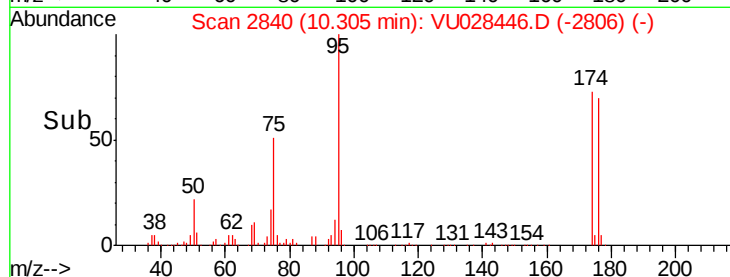
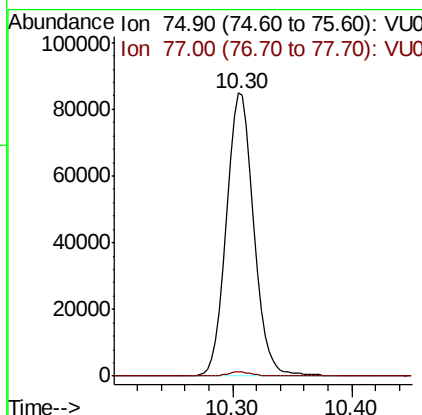
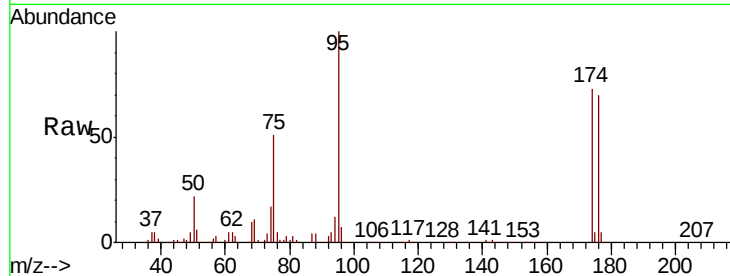




#76
 1,2,3-Trichloropropane
 Concen: 19.762 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.19 min
 Lab File: VU028446.D
 Acq: 03 Dec 2018 17:05

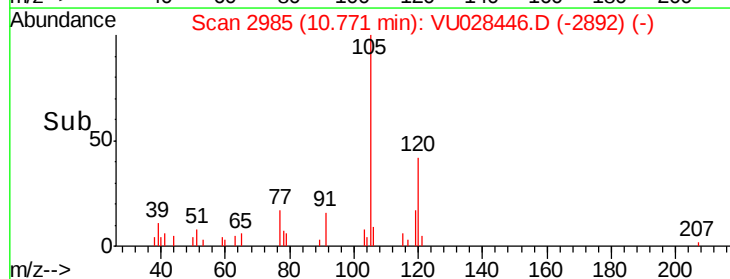
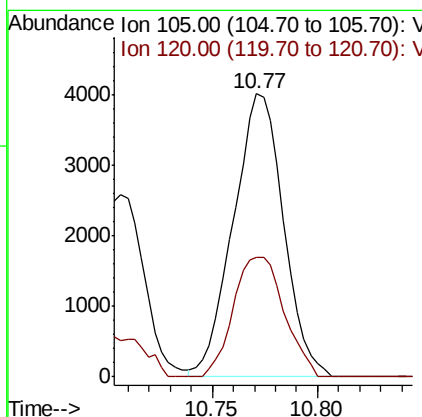
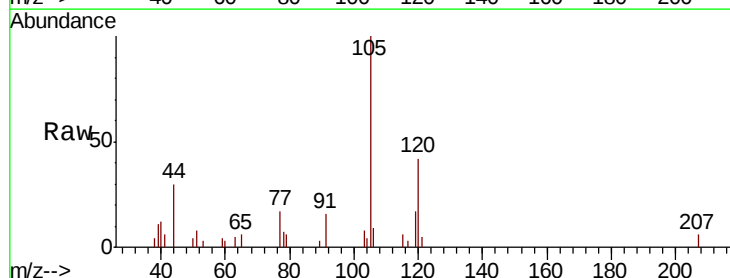
Instrument :
 MSVOA_U
 ClientSampleId :
 JC-02-113018-B

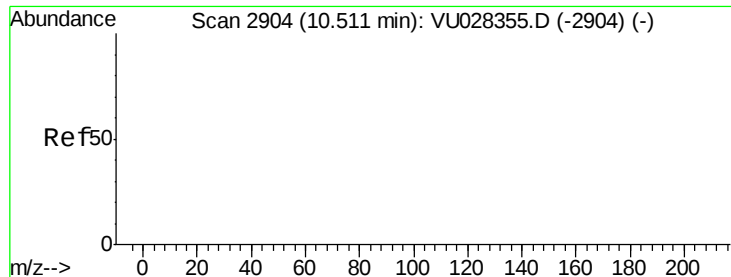
Tot Ion: 75 Resp: 135553
 Ion Ratio Lower Upper
 75 100
 77 1.3 22.4 67.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.409 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU028446.D
 Acq: 03 Dec 2018 17:05

Tgt Ion: 105 Resp: 6633
 Ion Ratio Lower Upper
 105 100
 120 42.8 23.4 70.0

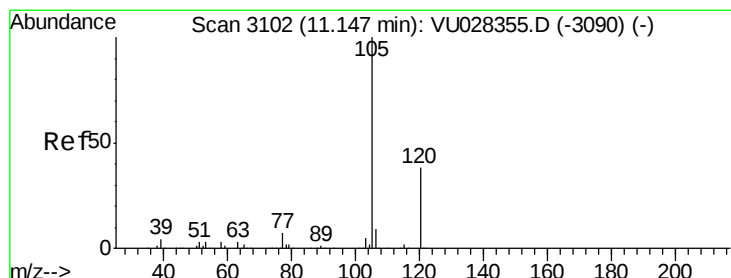
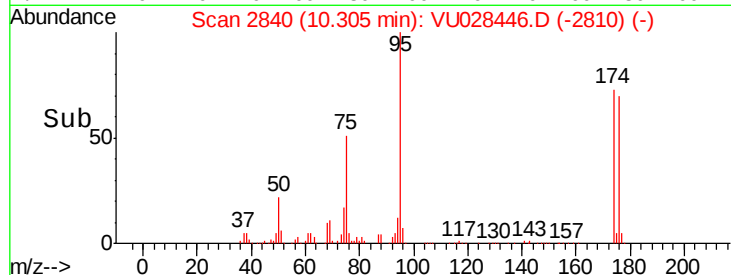
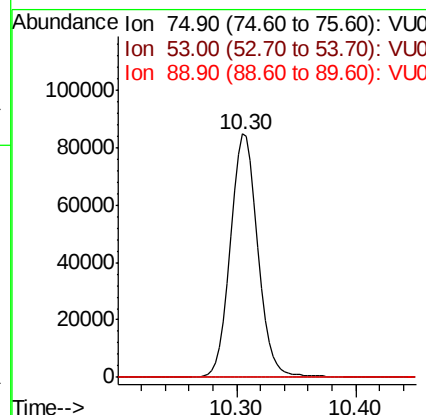
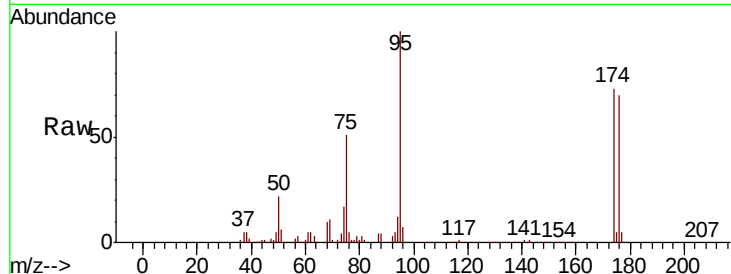




#81
trans-1,4-Dichloro-2-butene
Concen: 52.458 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.20 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

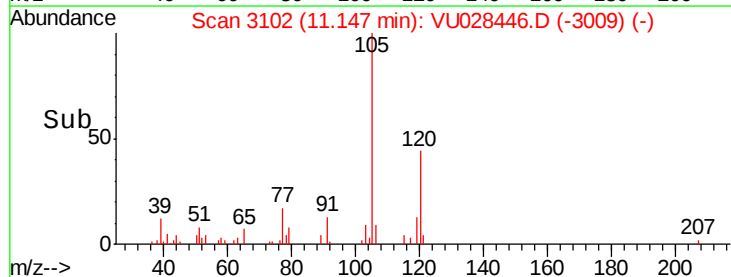
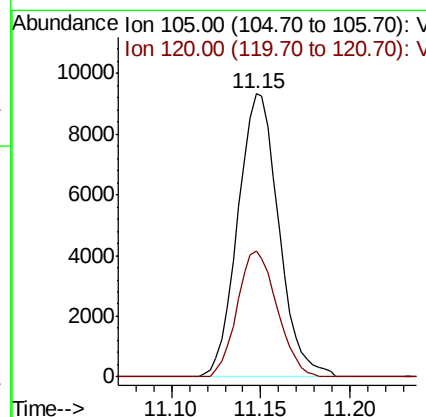
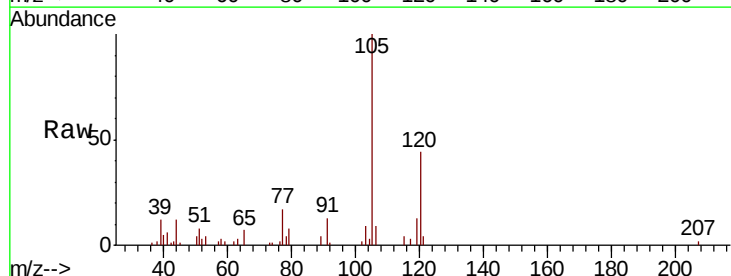
Instrument :
MSVOA_U
ClientSampleId :
JC-02-113018-B

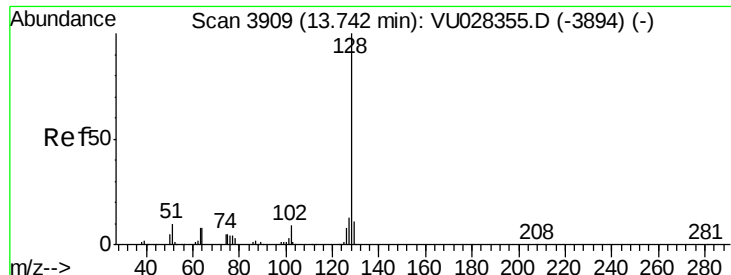
Tot Ion: 75 Resp: 135553
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0#
89 0.0 0.0 0.0



#84
1,2,4-Trimethylbenzene
Concen: 0.907 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. -0.00 min
Lab File: VU028446.D
Acq: 03 Dec 2018 17:05

Tgt Ion:105 Resp: 14899
Ion Ratio Lower Upper
105 100
120 43.2 21.4 64.3





#95

Naphthalene

Concen: 6.183 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU028446.D

Acq: 03 Dec 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

JC-02-113018-B

Tot Ion:128 Resp: 73879

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 11.2 8.6 12.8

