

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100418\
 Data File : VU027389.D
 Acq On : 04 Oct 2018 04:27
 Operator : MD/SY
 Sample : J5194-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 04 07:39:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	97368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	166571	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	163417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	85639	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	97806	60.16	ug/l	0.00
Spiked Amount 50.000			Recovery =	120.32%		
35) Dibromofluoromethane	4.89	113	68560	60.06	ug/l	0.00
Spiked Amount 50.000			Recovery =	120.12%		
50) Toluene-d8	7.57	98	261266	61.15	ug/l	0.00
Spiked Amount 50.000			Recovery =	122.30%		
62) 4-Bromofluorobenzene	10.31	95	91731	57.77	ug/l	0.00
Spiked Amount 50.000			Recovery =	115.54%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.83	59	315	0.920	ug/l #	72
14) Allyl chloride	2.70	41	1448	0.593	ug/l #	26
16) Acetone	2.32	43	14003	14.579	ug/l	97
18) Methyl Acetate	2.62	43	3524	1.608	ug/l #	88
20) Methylene Chloride	2.70	84	27652	20.668	ug/l	98
23) Vinyl Acetate	3.30	43	1134	0.262	ug/l #	65
25) 2-Butanone	4.29	43	700	0.534	ug/l #	54
29) Tetrahydrofuran	4.66	42	510	0.618	ug/l #	42
30) Chloroform	4.68	83	2592	1.143	ug/l	89
31) Cyclohexane	4.99	56	2466	0.711	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	8929	4.937	ug/l #	46
37) Ethyl Acetate	4.29	43	700	0.299	ug/l #	70
38) Carbon Tetrachloride	4.99	117	9385	5.745	ug/l #	17
43) Isopropyl Acetate	5.55	43	94783	26.109	ug/l	98
47) Bromodichloromethane	6.76	83	588	0.330	ug/l #	94
48) Methyl methacrylate	6.71	41	9001	4.986	ug/l #	46
51) 4-Methyl-2-Pentanone	7.47	43	1038	0.440	ug/l #	38
52) Toluene	7.64	92	837	0.268	ug/l #	22
54) cis-1,3-Dichloropropene	7.42	75	459	0.204	ug/l #	69
56) Ethyl methacrylate	7.84	69	44	2.289	ug/l #	1
59) 2-Hexanone	8.42	43	5946	3.249	ug/l #	55
67) Ethyl Benzene	9.25	91	2321	0.381	ug/l	95
68) m/p-Xylenes	9.38	106	2215	0.994	ug/l	89
69) o-Xylene	9.78	106	648	0.306	ug/l	58
70) Styrene	9.80	104	711	2.470	ug/l	96
76) 1,2,3-Trichloropropane	10.31	75	48741	21.956	ug/l #	37
80) 1,3,5-Trimethylbenzene	10.78	105	2097	0.414	ug/l	81
81) trans-1,4-Dichloro-2-buten	10.31	75	48741	57.461	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	6383	1.234	ug/l	94
89) n-Butylbenzene	11.89	91	755	2.079	ug/l #	25
92) 1,2-Dibromo-3-Chloropropan	12.48	75	114	0.211	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.51	180	745	0.432	ug/l	90
95) Naphthalene	13.75	128	75863	12.988	ug/l	99

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

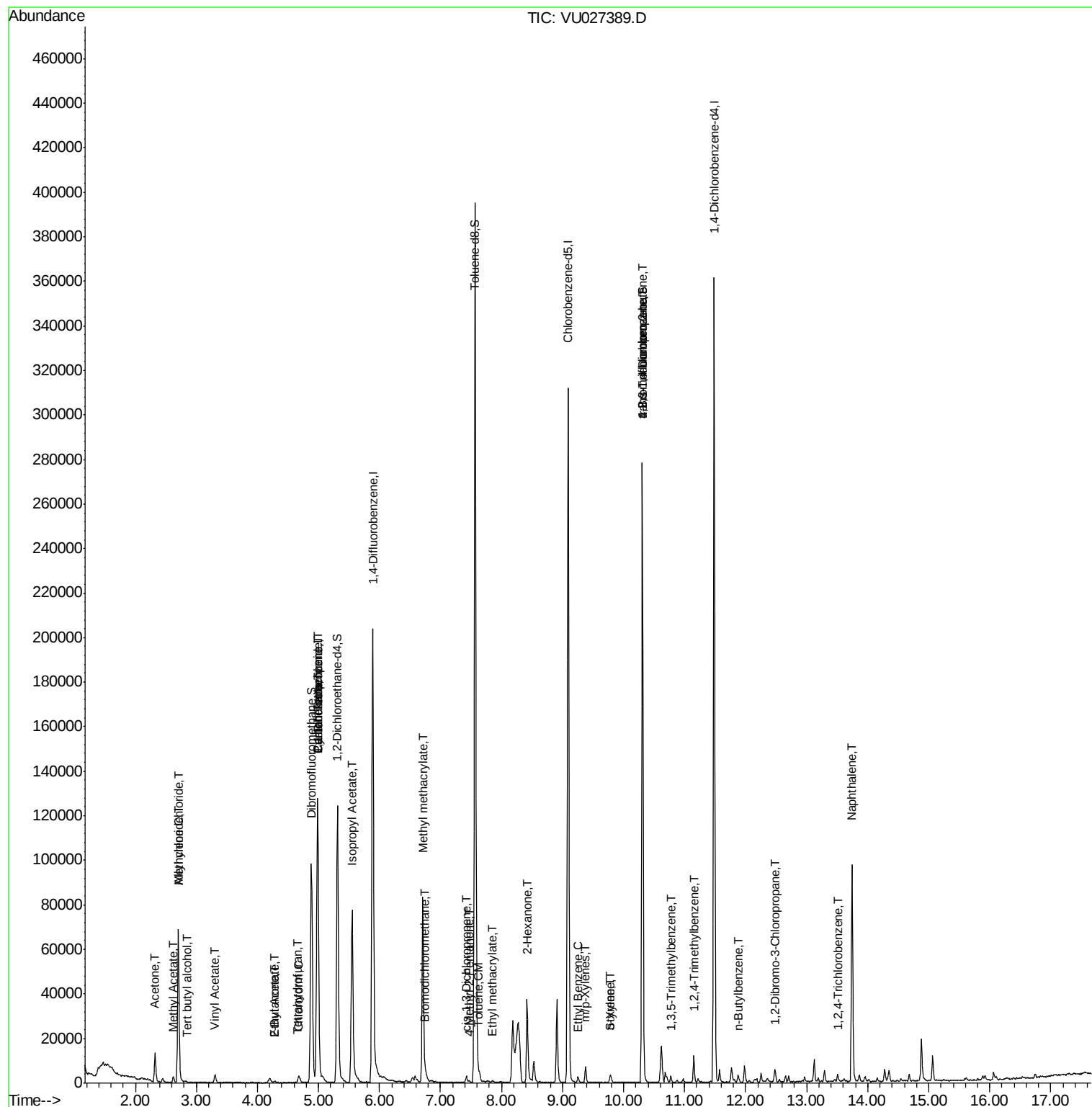
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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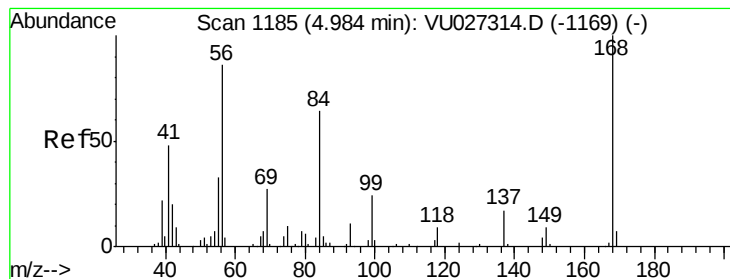
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100418\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027389.D

Acq: 04 Oct 2018 04:27

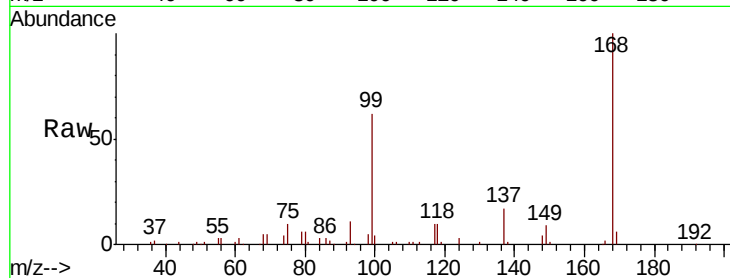
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 97368

Ion Ratio Lower Upper

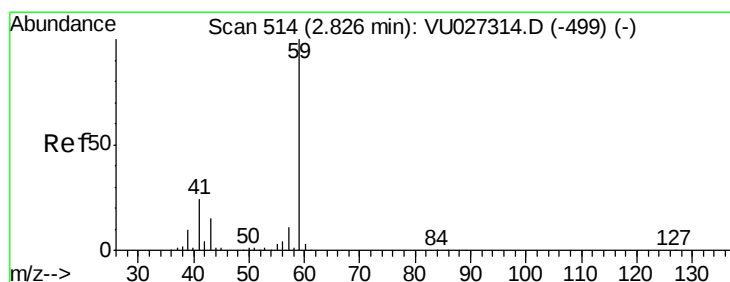
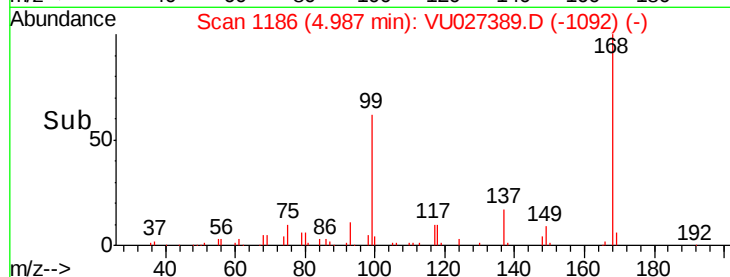
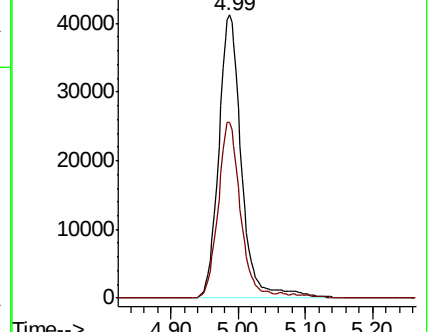
168 100

99 62.2 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027389.D (-1092) (-)



#11

Tert butyl alcohol

Concen: 0.920 ug/l

RT: 2.83 min Scan# 515

Delta R.T. 0.00 min

Lab File: VU027389.D

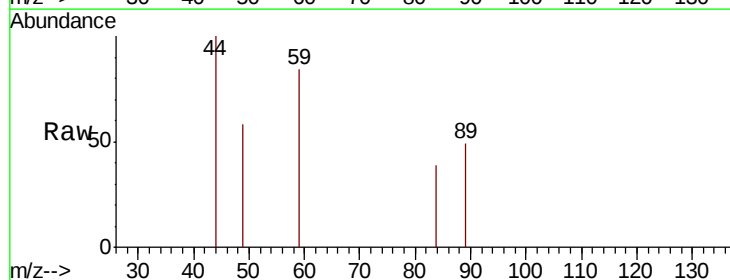
Acq: 04 Oct 2018 04:27

Tgt Ion: 59 Resp: 315

Ion Ratio Lower Upper

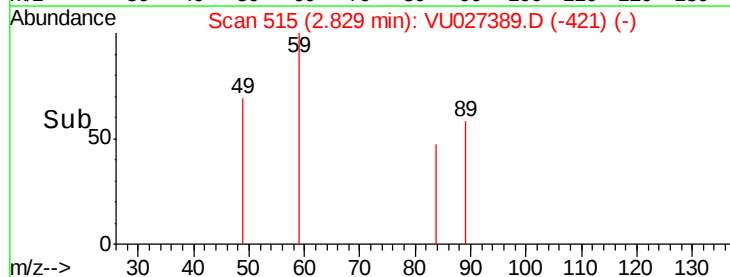
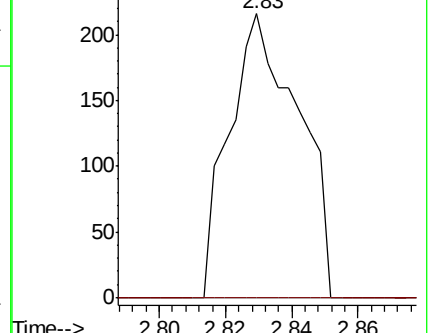
59 100

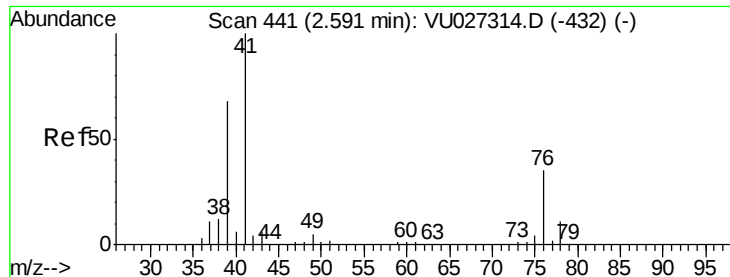
57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VU027314.D (-499) (-)

Ion 57.00 (56.70 to 57.70): VU027389.D (-421) (-)





#14

Allvl chloride

Concen: 0.593 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.11 min

Lab File: VU027389.D

Acq: 04 Oct 2018 04:27

Instrument :
MSVOA_U
ClientSampled :

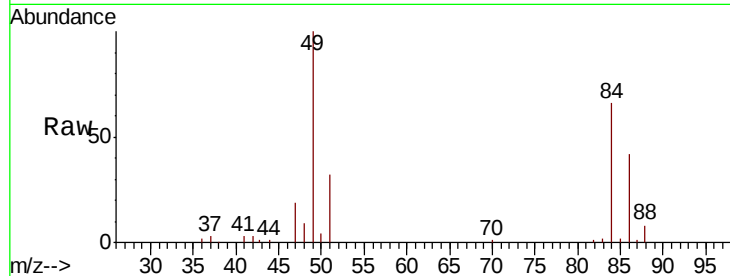
Tot Ion: 41 Resp: 1448

Ion Ratio Lower Upper

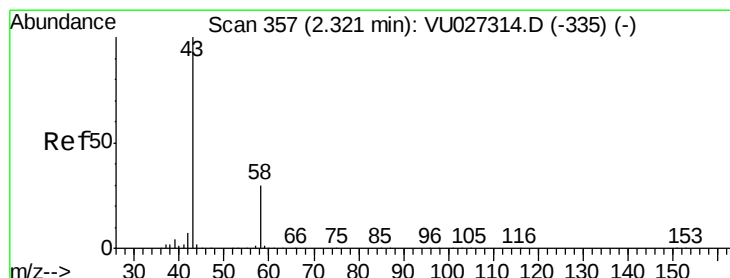
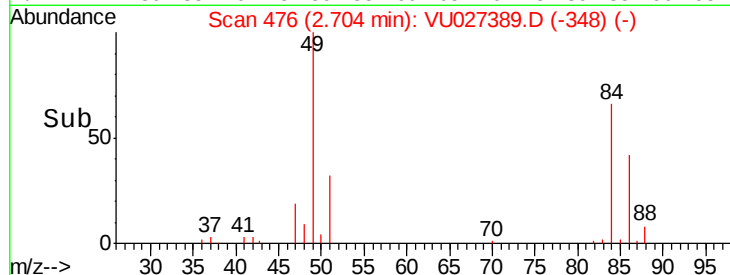
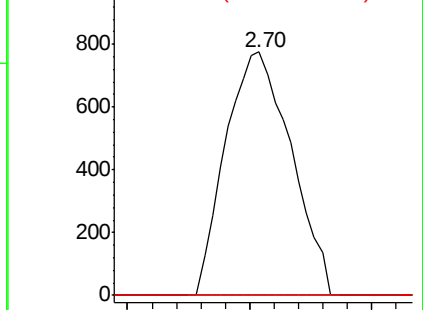
41 100

39 0.0 51.8 77.8#

76 0.0 25.9 38.9#



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: 14.579 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU027389.D

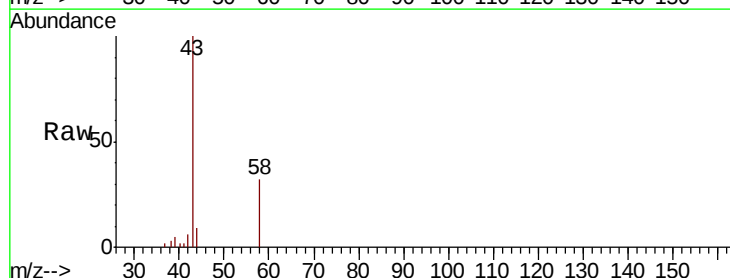
Acq: 04 Oct 2018 04:27

Tgt Ion: 43 Resp: 14003

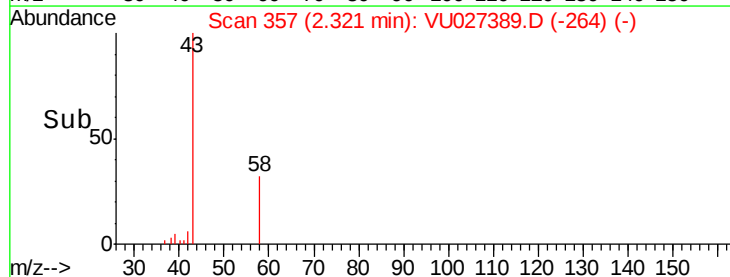
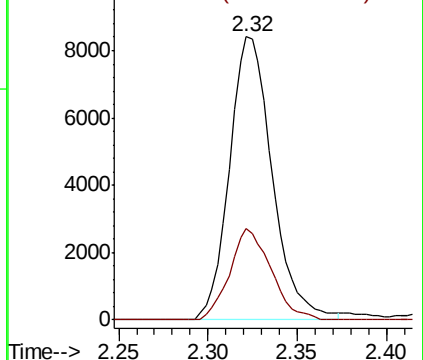
Ion Ratio Lower Upper

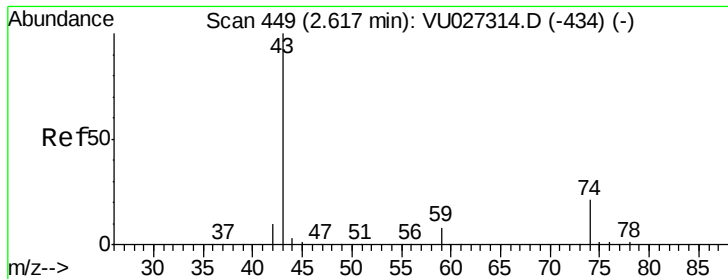
43 100

58 32.2 24.2 36.4



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

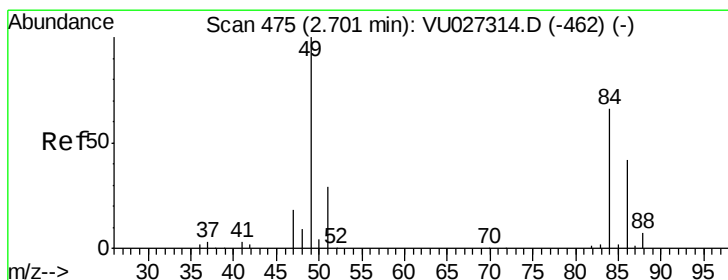
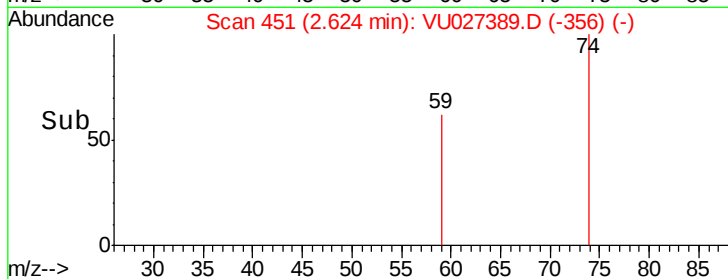
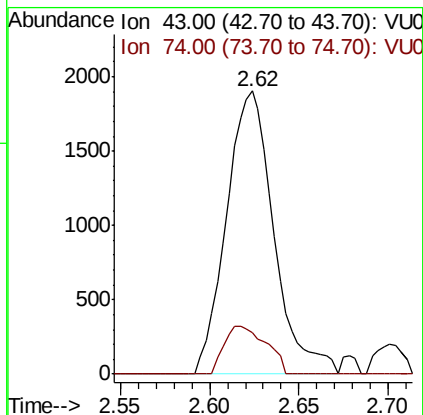
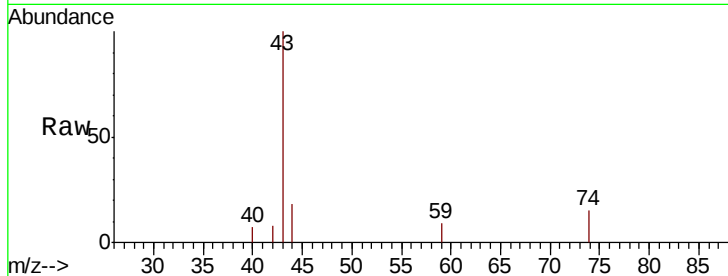




#18
Methvl Acetate
Concen: 1.608 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU027389.D
Acq: 04 Oct 2018 04:27

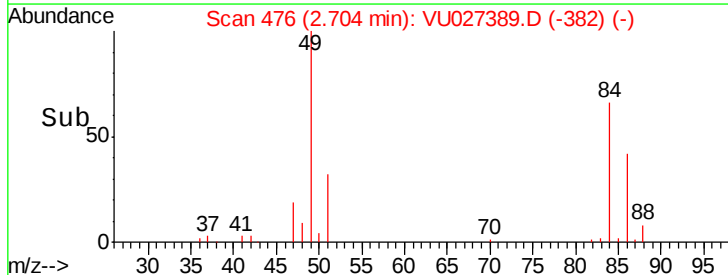
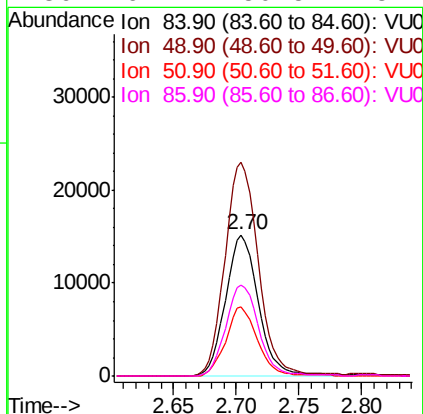
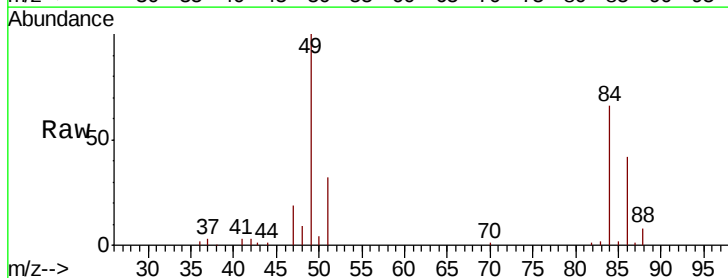
Instrument :
MSVOA_U
ClientSampleId :

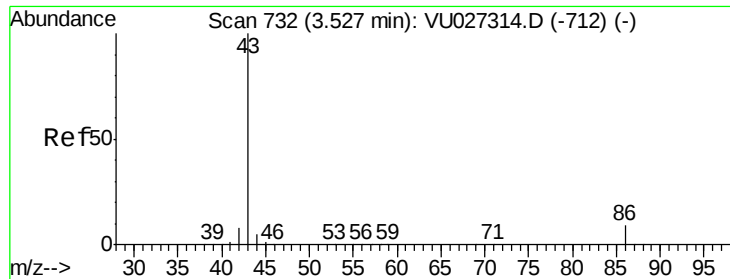
Tot Ion: 43 Resp: 3524
Ion Ratio Lower Upper
43 100
74 15.0 16.5 24.7#



#20
Methylene Chloride
Concen: 20.668 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027389.D
Acq: 04 Oct 2018 04:27

Tgt Ion: 84 Resp: 27652
Ion Ratio Lower Upper
84 100
49 151.6 120.5 180.7
51 48.9 35.1 52.7
86 64.1 50.5 75.7





#23

Vinyl Acetate

Concen: 0.262 ug/l

RT: 3.30 min Scan# 662

Delta R.T. -0.23 min

Lab File: VU027389.D

Acq: 04 Oct 2018 04:27

Instrument :

MSVOA_U

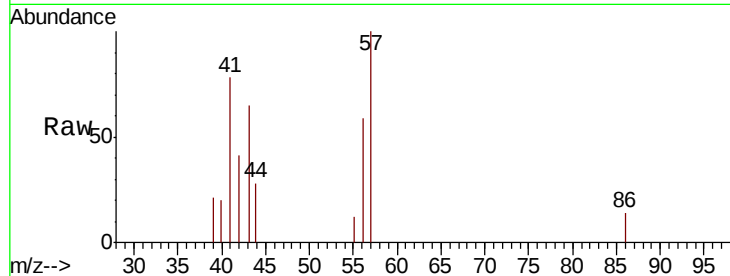
ClientSampled :

Tot Ion: 43 Resp: 1134

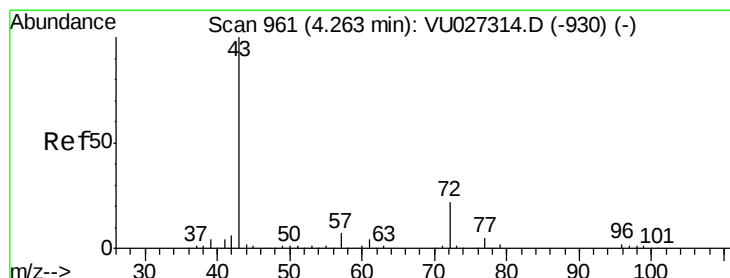
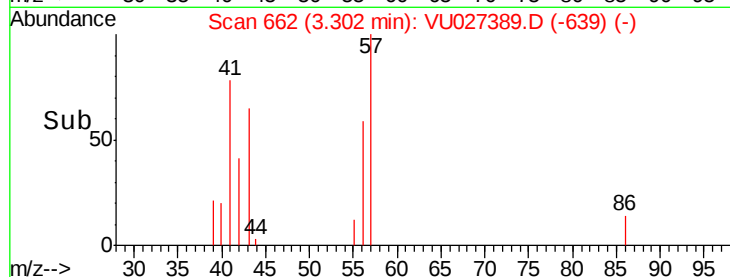
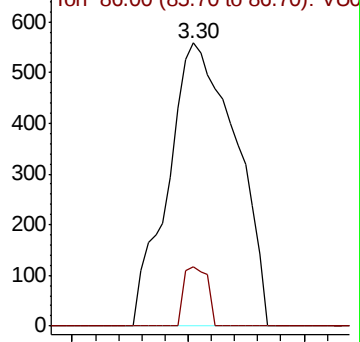
Ion Ratio Lower Upper

43 100

86 21.1 7.0 10.4#



Abundance Ion 43.00 (42.70 to 43.70): VU0



#25

2-Butanone

Concen: 0.534 ug/l

RT: 4.29 min Scan# 969

Delta R.T. 0.03 min

Lab File: VU027389.D

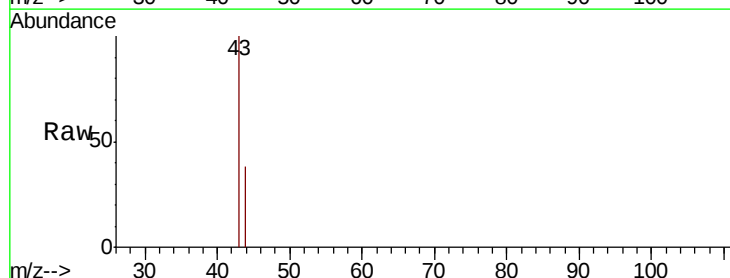
Acq: 04 Oct 2018 04:27

Tgt Ion: 43 Resp: 700

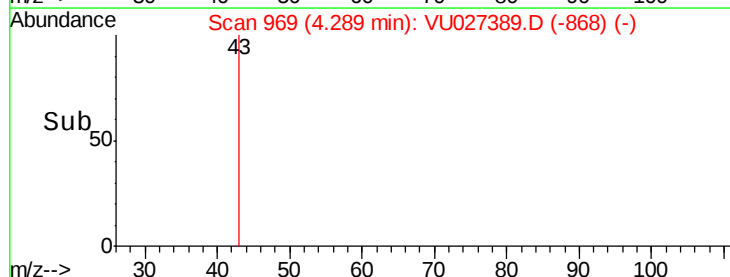
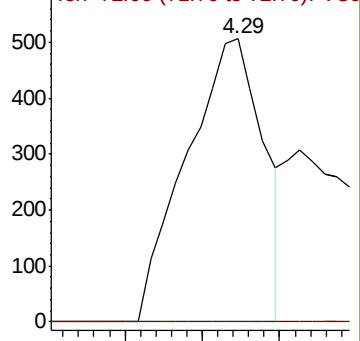
Ion Ratio Lower Upper

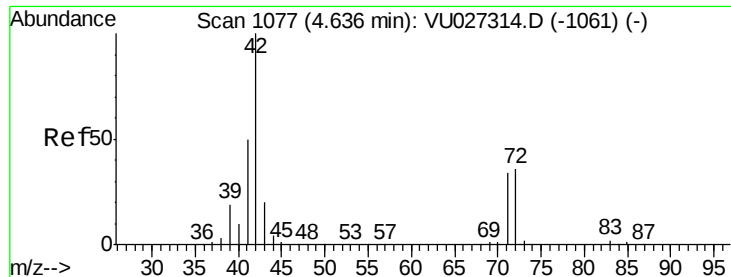
43 100

72 0.0 17.8 26.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0





#29

Tetrahydrofuran

Concen: 0.618 ug/l

RT: 4.66 min Scan# 1083

Delta R.T. 0.02 min

Lab File: VU027389.D

Acq: 04 Oct 2018 04:27

Instrument :

MSVOA_U

ClientSampled :

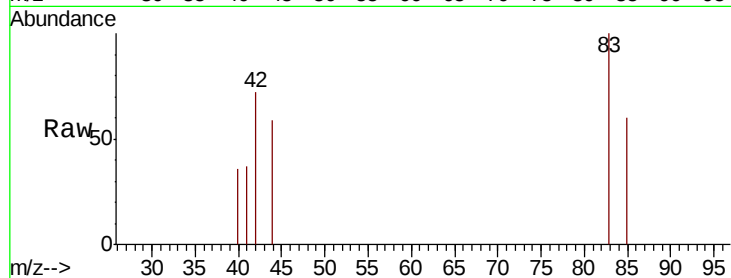
Tot Ion: 42 Resp: 510

Ion Ratio Lower Upper

42 100

72 0.0 30.1 45.1#

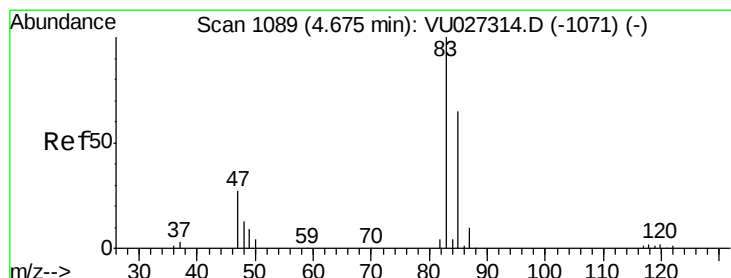
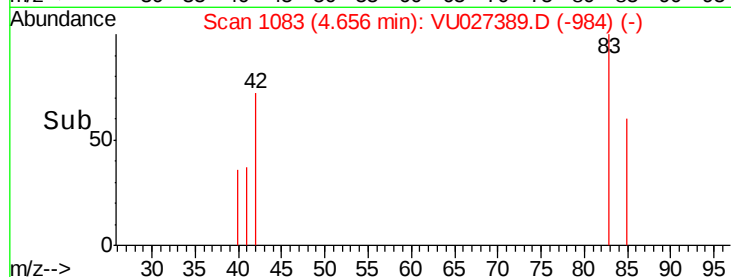
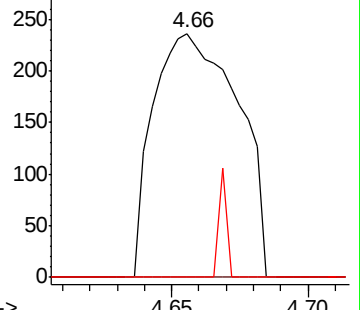
71 3.9 27.7 41.5#



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



#30

Chloroform

Concen: 1.143 ug/l

RT: 4.68 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VU027389.D

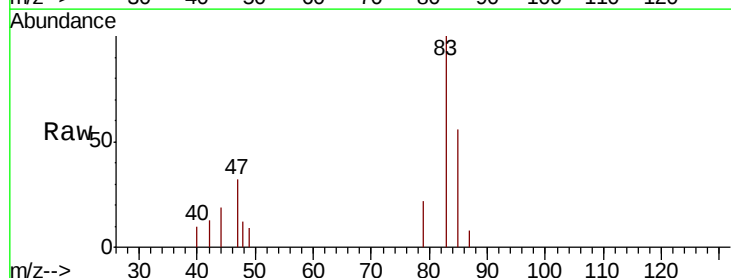
Acq: 04 Oct 2018 04:27

Tgt Ion: 83 Resp: 2592

Ion Ratio Lower Upper

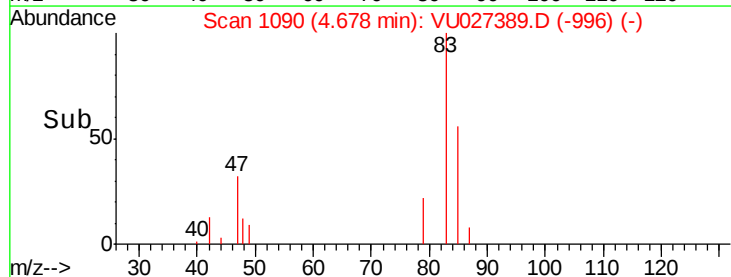
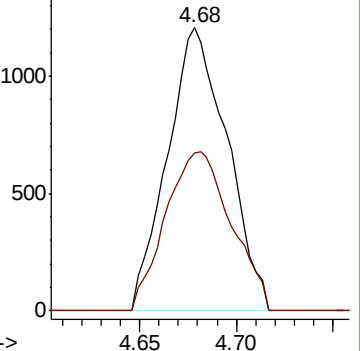
83 100

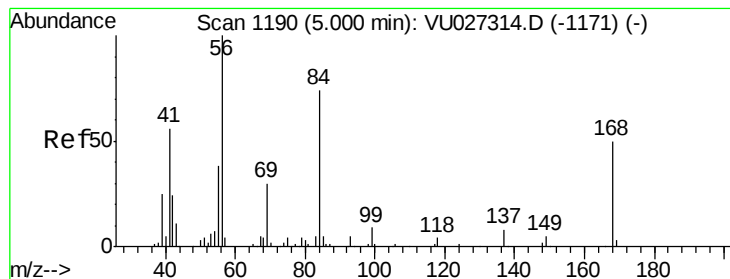
85 56.0 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0





#31

Cyclohexane

Concen: 0.711 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.01 min

Lab File: VU027389.D

Acq: 04 Oct 2018 04:27

Instrument :
MSVOA_U
ClientSampleId :

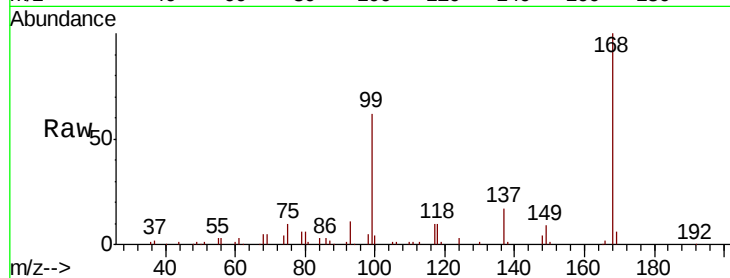
Tot Ion: 56 Resp: 2466

Ion Ratio Lower Upper

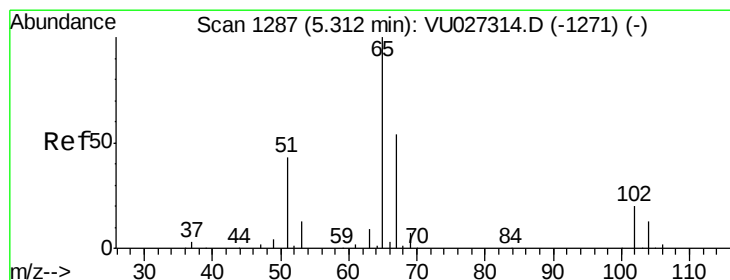
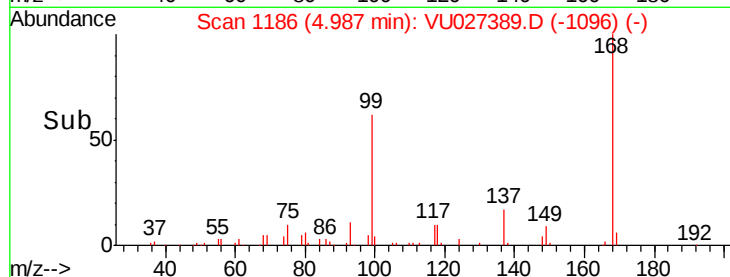
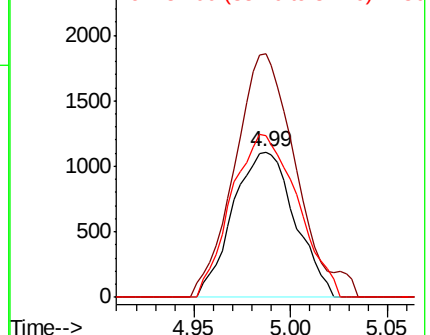
56 100

69 167.5 24.1 36.1#

84 110.9 59.1 88.7#



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: 60.156 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027389.D

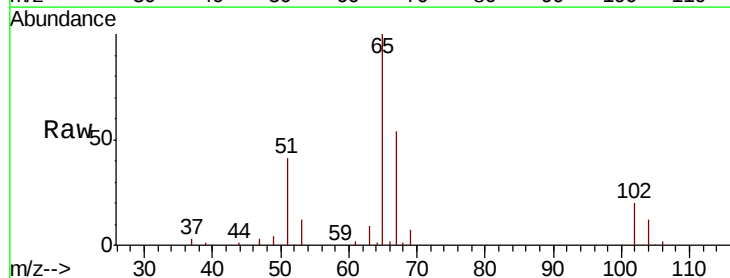
Acq: 04 Oct 2018 04:27

Tgt Ion: 65 Resp: 97806

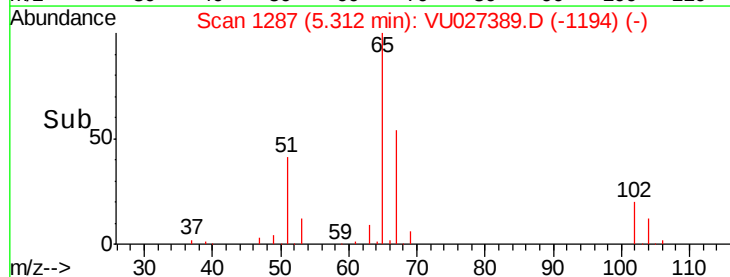
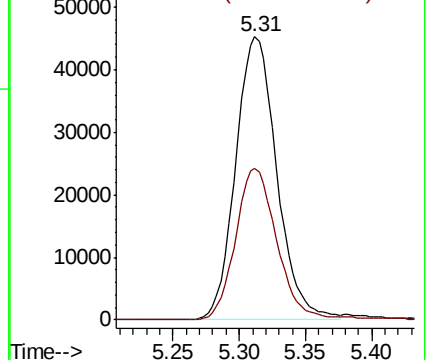
Ion Ratio Lower Upper

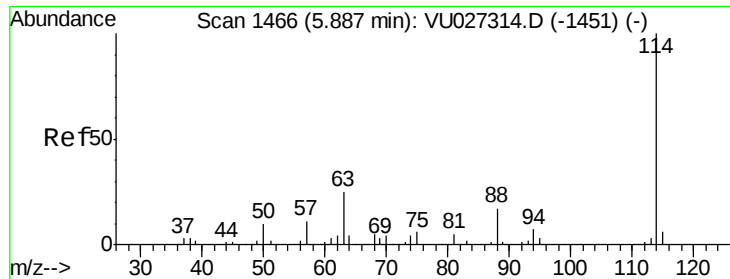
65 100

67 54.1 0.0 107.8



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

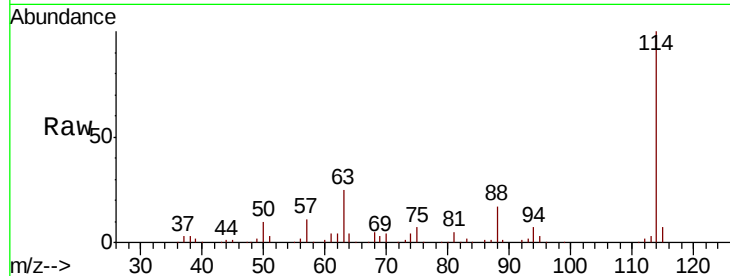




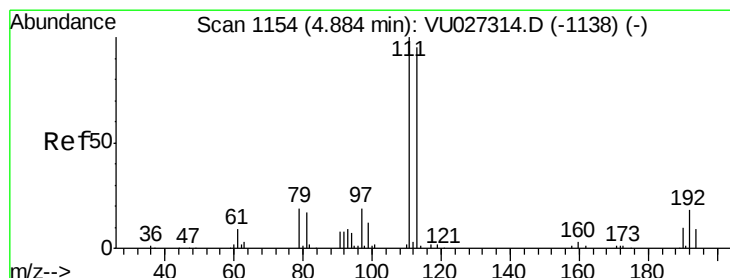
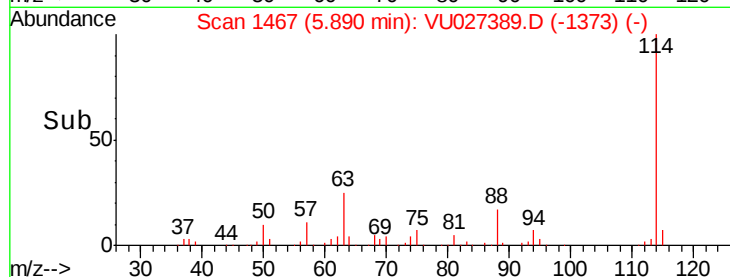
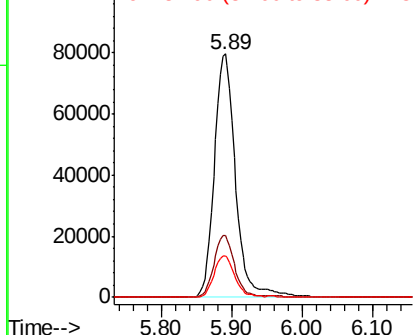
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1467
Delta R.T. 0.00 min
Lab File: VU027389.D
Acq: 04 Oct 2018 04:27

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:114 Resp: 166571
Ion Ratio Lower Upper
114 100
63 25.2 0.0 50.2
88 17.2 0.0 33.8

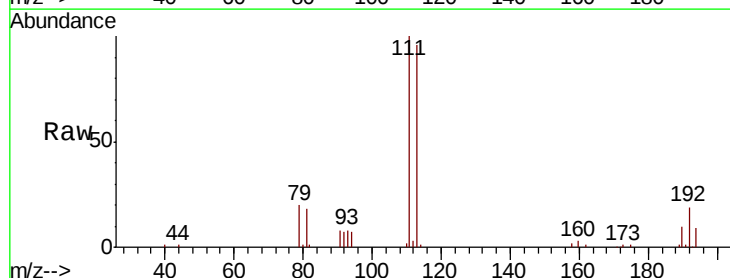


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VU0
Ion 87.90 (87.60 to 88.60): VU0

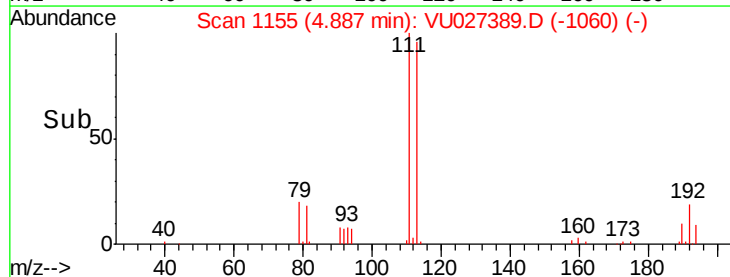
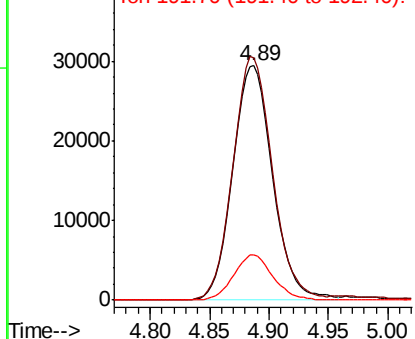


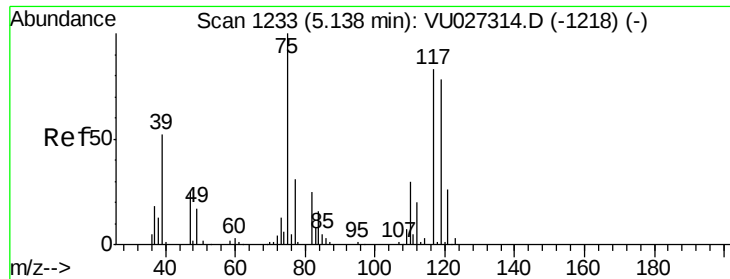
#35
Dibromofluoromethane
Concen: 60.058 ug/l
RT: 4.89 min Scan# 1155
Delta R.T. 0.00 min
Lab File: VU027389.D
Acq: 04 Oct 2018 04:27

Tgt Ion:113 Resp: 68560
Ion Ratio Lower Upper
113 100
111 102.6 83.1 124.7
192 19.0 15.4 23.0



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

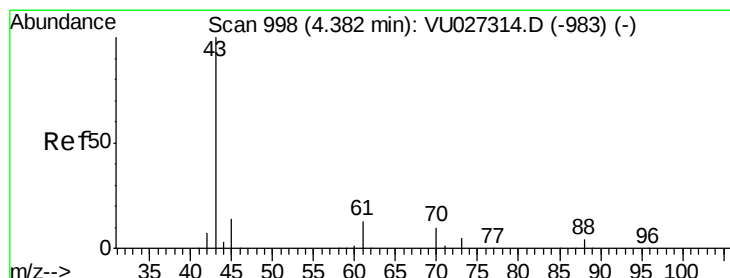
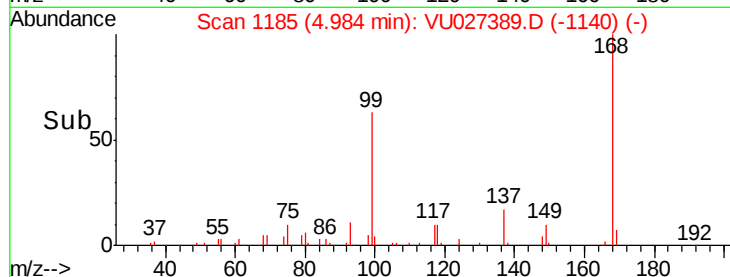
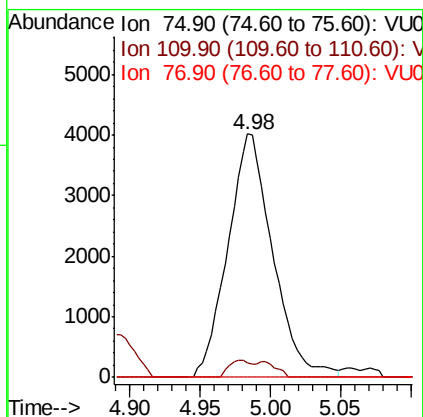
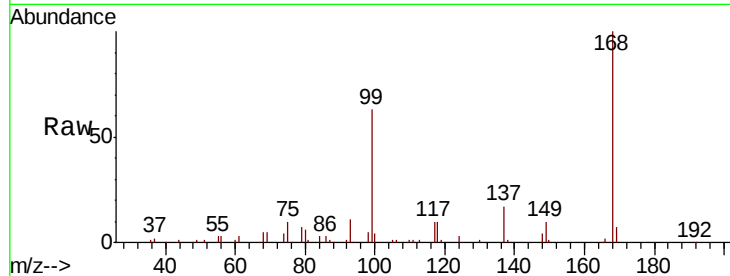




#36
 1,1-Dichloropropene
 Concen: 4.937 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027389.D
 Acq: 04 Oct 2018 04:27

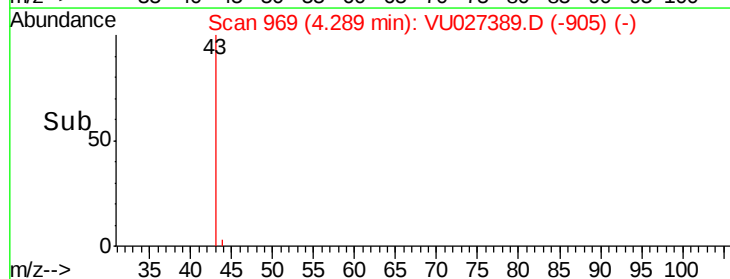
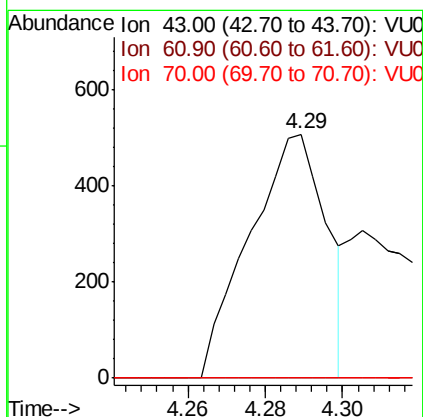
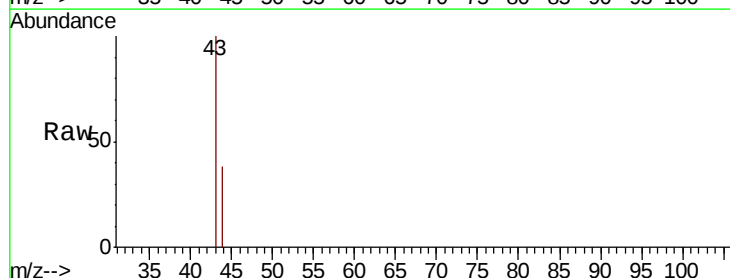
Instrument :
 MSVOA_U
 ClientSampleId :

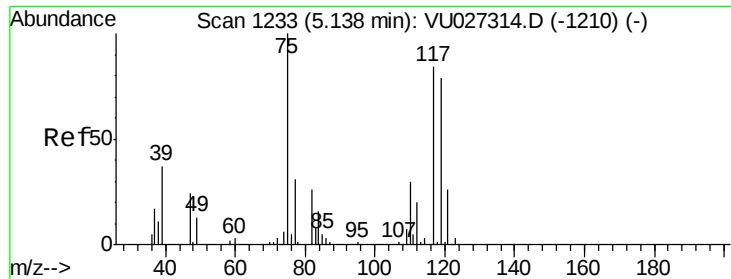
Tot Ion: 75 Resp: 8929
 Ion Ratio Lower Upper
 75 100
 110 3.5 15.5 46.5#
 77 0.0 25.4 38.0#



#37
 Ethyl Acetate
 Concen: 0.299 ug/l
 RT: 4.29 min Scan# 969
 Delta R.T. -0.09 min
 Lab File: VU027389.D
 Acq: 04 Oct 2018 04:27

Tgt Ion: 43 Resp: 700
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.7 16.1#
 70 0.0 7.4 11.2#

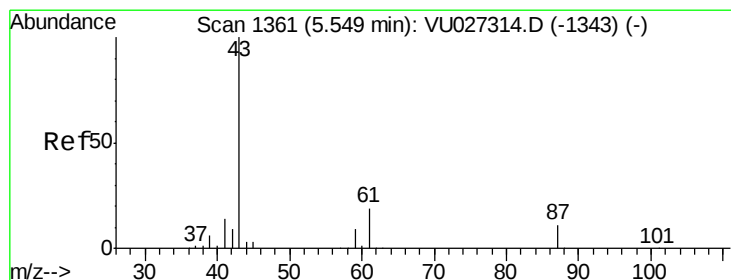
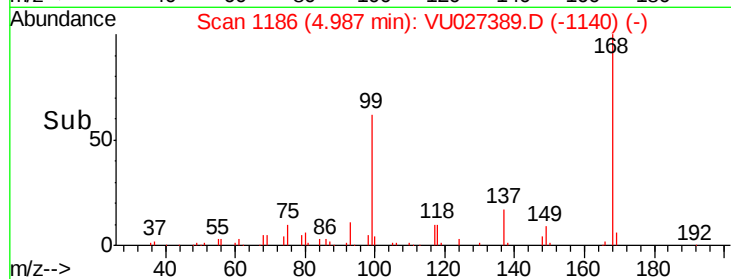
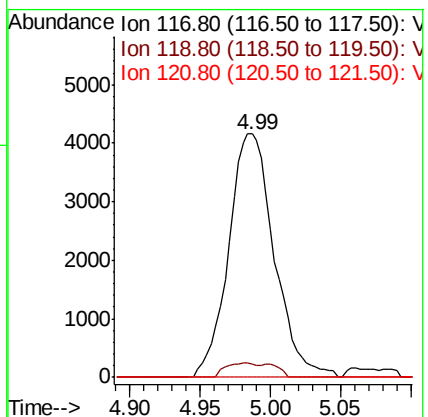
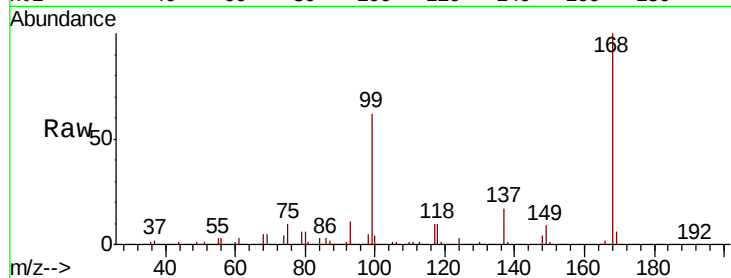




#38
Carbon Tetrachloride
Concen: 5.745 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU027389.D
Acq: 04 Oct 2018 04:27

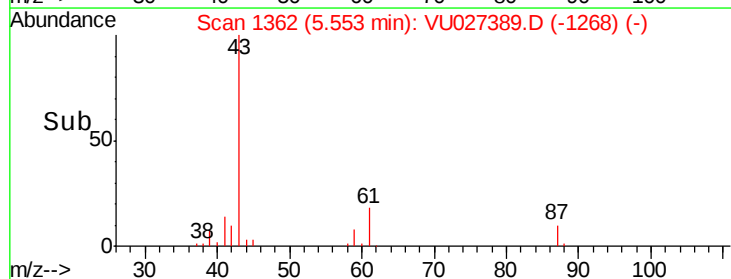
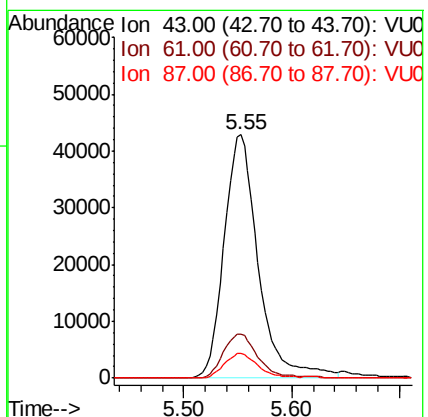
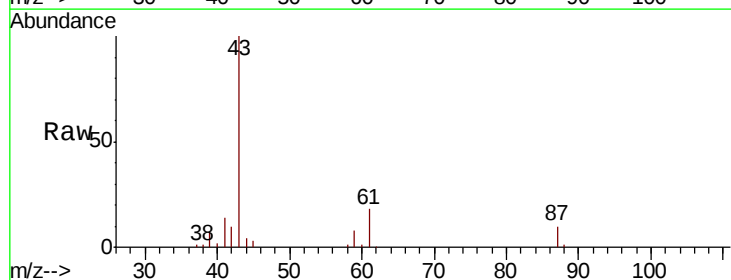
Instrument :
MSVOA_U
ClientSampleId :

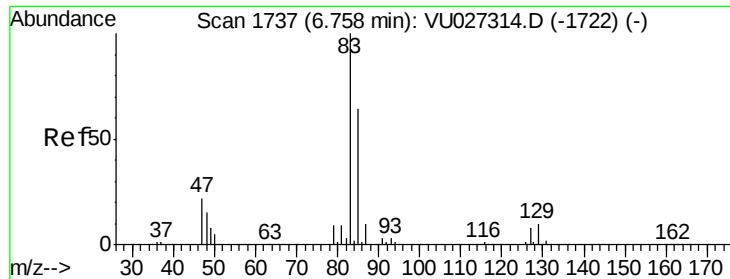
Tot Ion:117 Resp: 9385
Ion Ratio Lower Upper
117 100
119 5.3 74.5 111.7#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 26.109 ug/l
RT: 5.55 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VU027389.D
Acq: 04 Oct 2018 04:27

Tgt Ion: 43 Resp: 94783
Ion Ratio Lower Upper
43 100
61 18.5 15.3 22.9
87 9.9 8.6 13.0





#47

Bromodichloromethane

Concen: 0.330 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU027389.D

Acq: 04 Oct 2018 04:27

Instrument :

MSVOA_U

ClientSampleId :

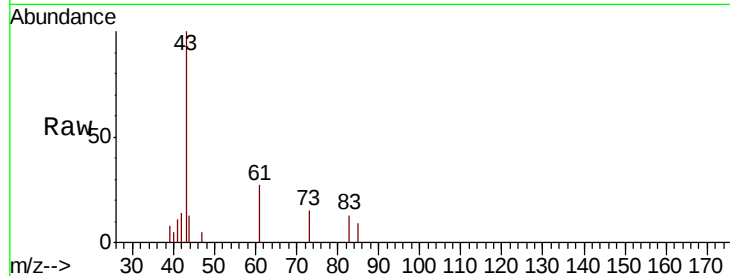
Tot Ion: 83 Resp: 588

Ion Ratio Lower Upper

83 100

85 67.4 51.4 77.0

127 0.0 6.3 9.5#



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 126.80 (126.50 to 127.50): V

6.76

400

300

200

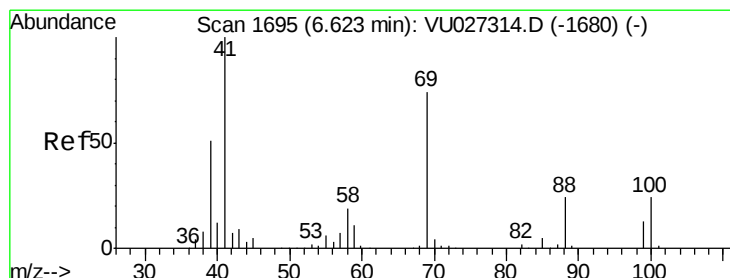
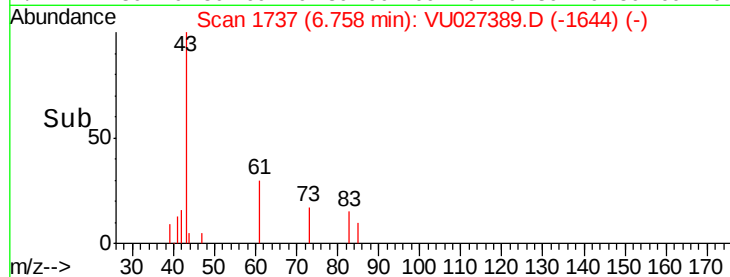
100

0

6.75

6.80

Time-->



#48

Methyl methacrylate

Concen: 4.986 ug/l

RT: 6.71 min Scan# 1722

Delta R.T. 0.09 min

Lab File: VU027389.D

Acq: 04 Oct 2018 04:27

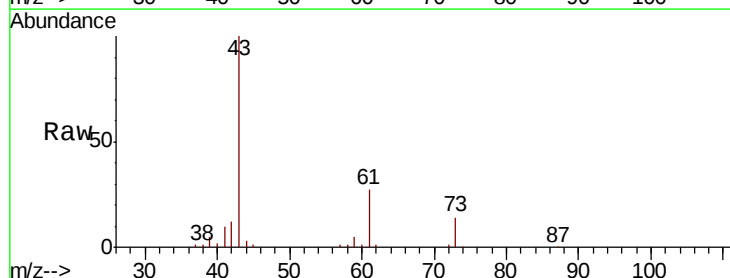
Tgt Ion: 41 Resp: 9001

Ion Ratio Lower Upper

41 100

69 0.0 61.0 91.4#

39 49.5 39.9 59.9



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

6.71

6000

5000

4000

3000

2000

1000

0

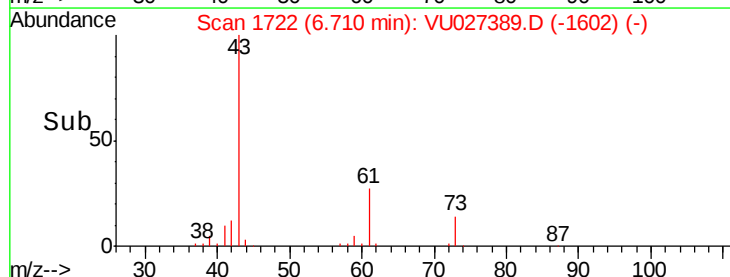
6.65

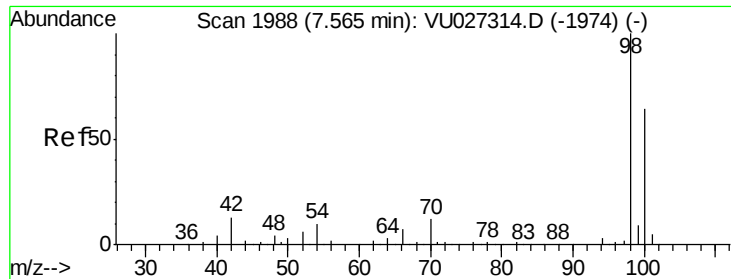
6.70

6.75

6.80

Time-->

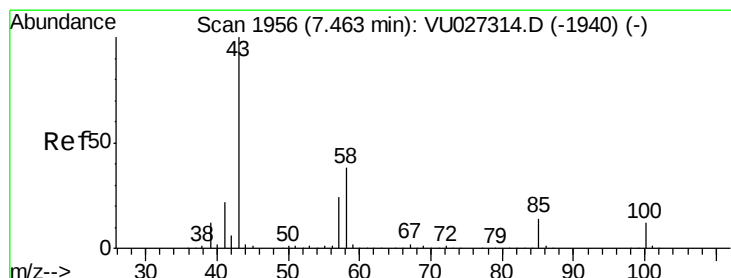
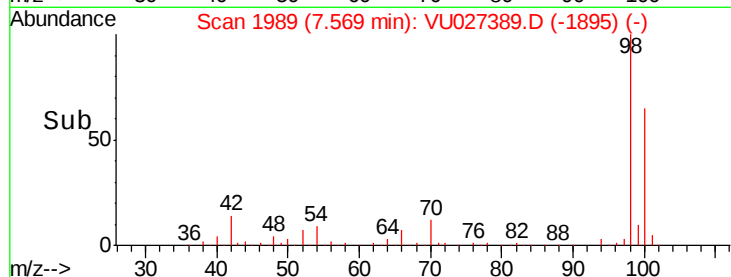
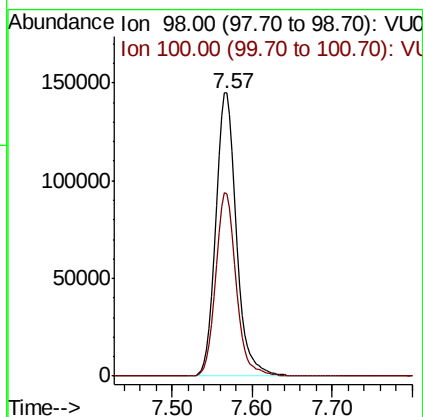
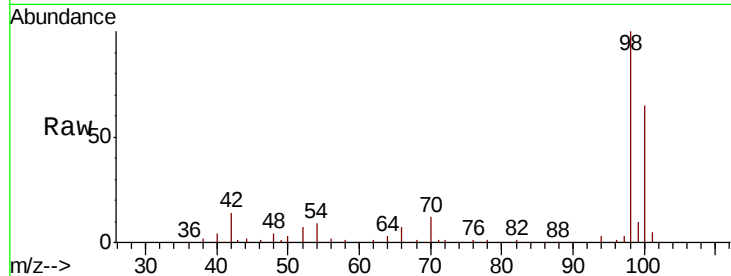




#50
Toluene-d8
Concen: 61.151 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027389.D
Acq: 04 Oct 2018 04:27

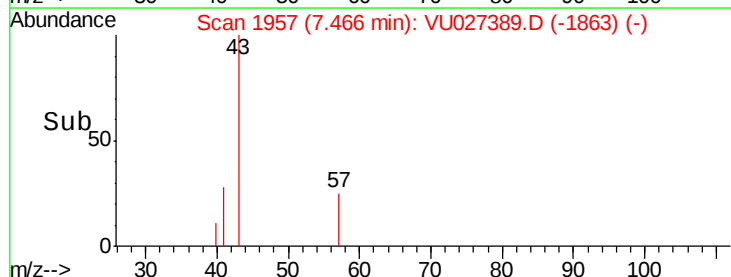
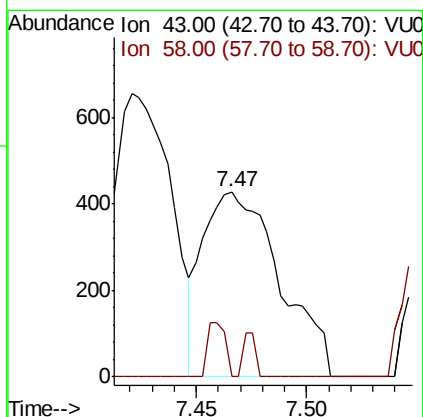
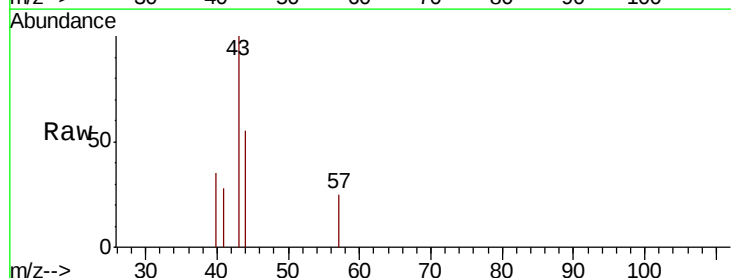
Instrument :
MSVOA_U
ClientSampleId :

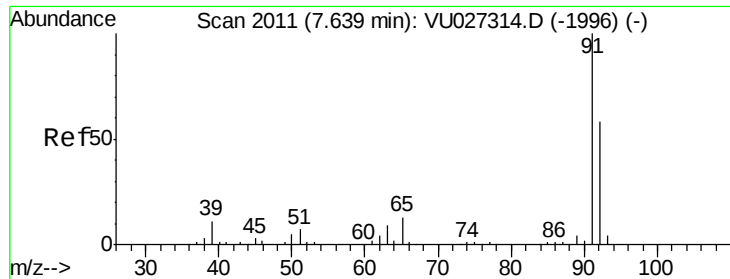
Tot Ion: 98 Resp: 261266
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.440 ug/l
RT: 7.47 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VU027389.D
Acq: 04 Oct 2018 04:27

Tgt Ion: 43 Resp: 1038
Ion Ratio Lower Upper
43 100
58 0.0 29.8 44.8#





#52

Toluene

Concen: 0.268 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU027389.D

Acq: 04 Oct 2018 04:27

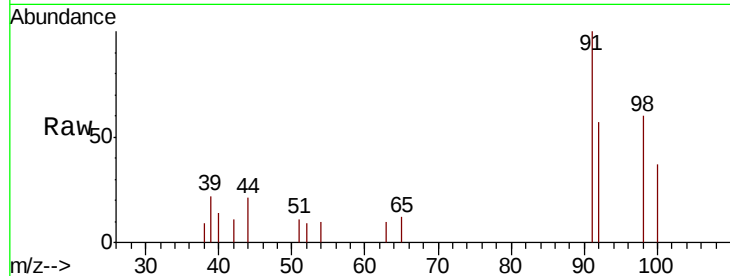
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 92 Resp: 837

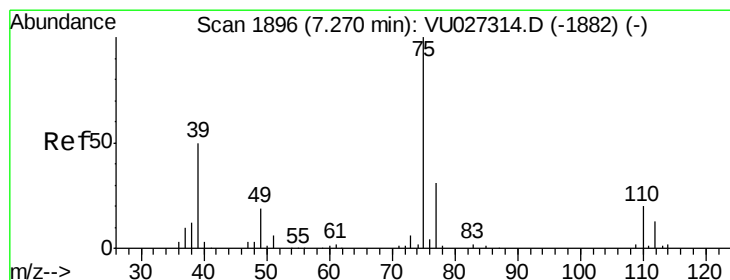
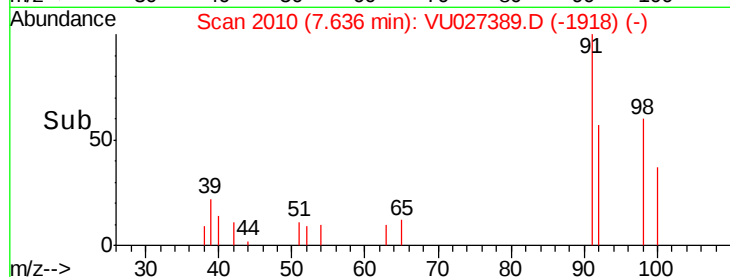
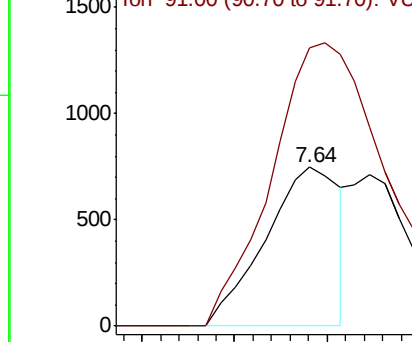
Ion Ratio Lower Upper

92 100

91 281.8 138.6 208.0#



Abundance Ion 92.00 (91.70 to 92.70): VU0
Ion 91.00 (90.70 to 91.70): VU0



#54

cis-1,3-Dichloropropene

Concen: 0.204 ug/l

RT: 7.42 min Scan# 1944

Delta R.T. 0.15 min

Lab File: VU027389.D

Acq: 04 Oct 2018 04:27

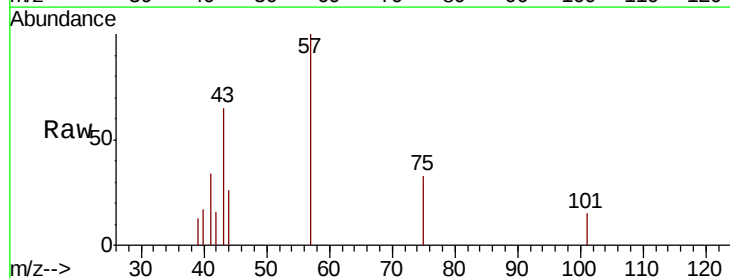
Tgt Ion: 75 Resp: 459

Ion Ratio Lower Upper

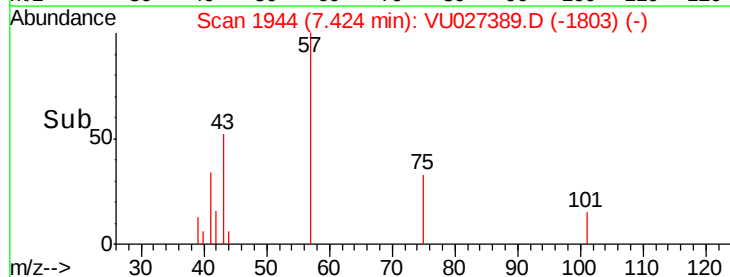
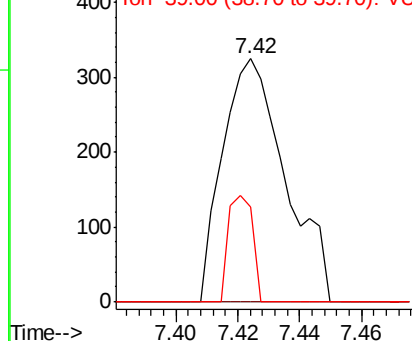
75 100

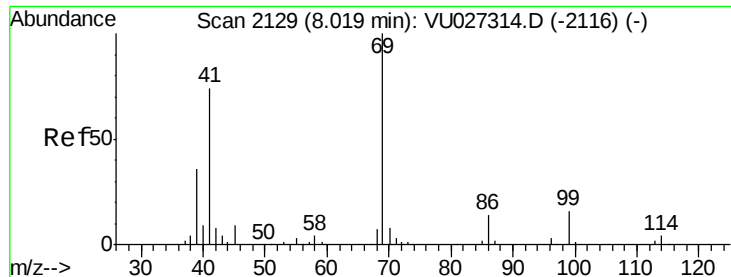
77 0.0 24.5 36.7#

39 38.8 40.1 60.1#



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





#56

Ethyl methacrylate

Concen: 2.289 ug/l

RT: 7.84 min Scan# 2072

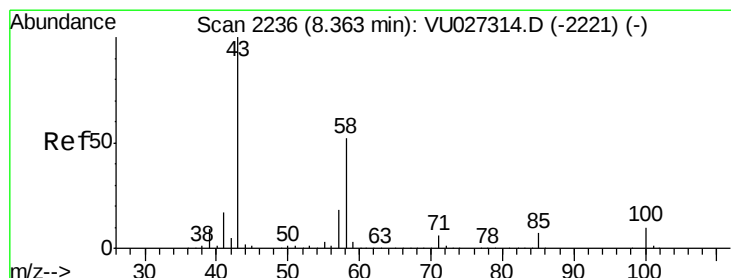
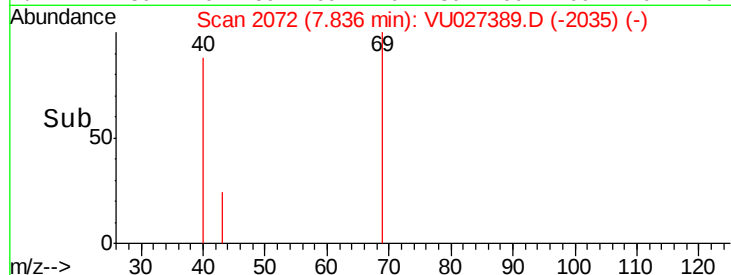
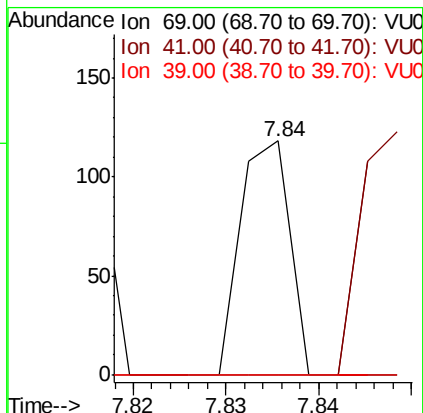
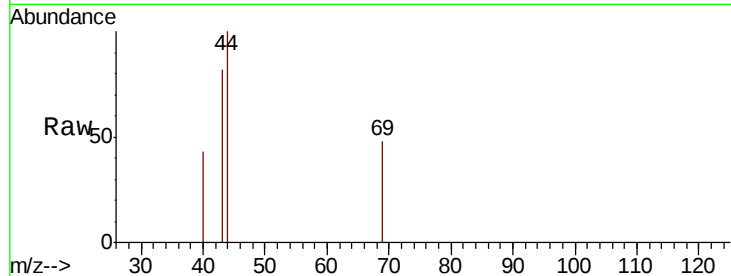
Delta R.T. -0.18 min

Lab File: VU027389.D

Acq: 04 Oct 2018 04:27

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 69 Resp: 44
Ion Ratio Lower Upper
69 100
41 200.0 60.0 90.0#
39 43.2 29.5 44.3



#59

2-Hexanone

Concen: 3.249 ug/l

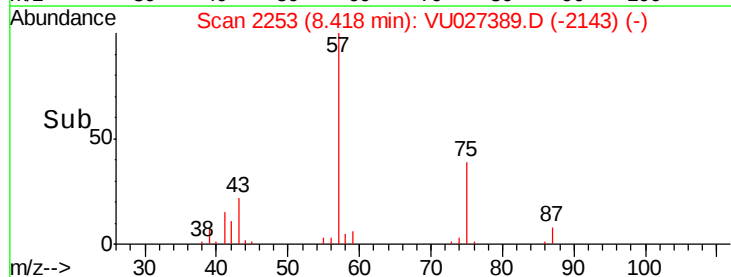
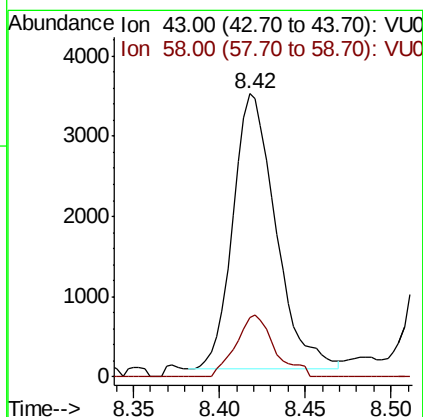
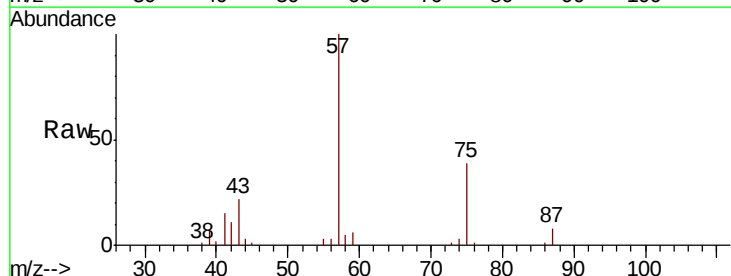
RT: 8.42 min Scan# 2253

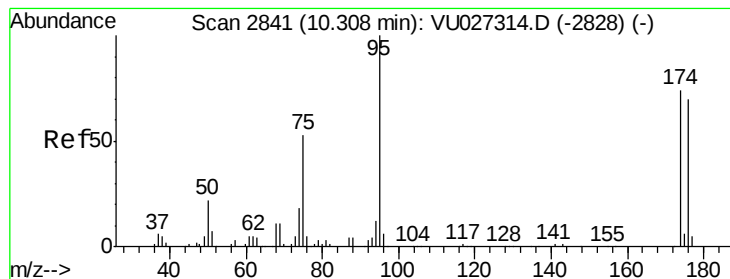
Delta R.T. 0.05 min

Lab File: VU027389.D

Acq: 04 Oct 2018 04:27

Tgt Ion: 43 Resp: 5946
Ion Ratio Lower Upper
43 100
58 20.4 26.1 78.3#





#62

4-Bromofluorobenzene

Concen: 57.771 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027389.D

Acq: 04 Oct 2018 04:27

Instrument :

MSVOA_U

ClientSampleId :

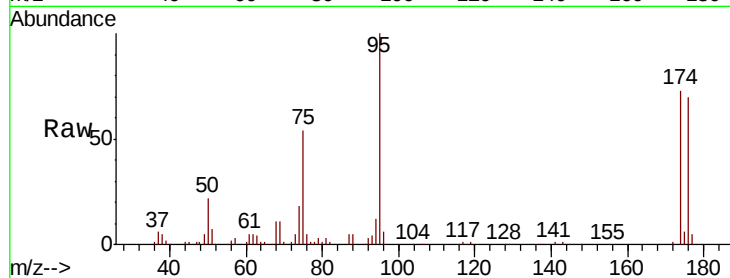
Tot Ion: 95 Resp: 91731

Ion Ratio Lower Upper

95 100

174 73.7 0.0 147.8

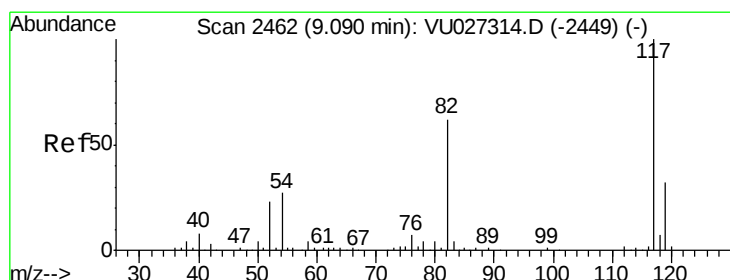
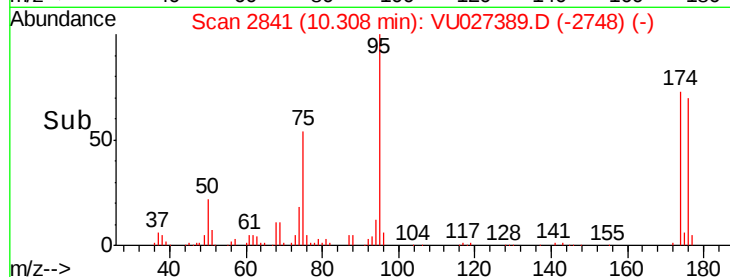
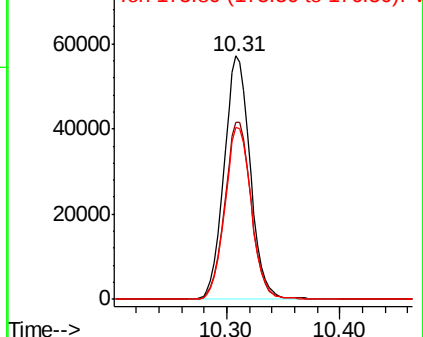
176 71.5 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU027314.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027314.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027314.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VU027389.D

Acq: 04 Oct 2018 04:27

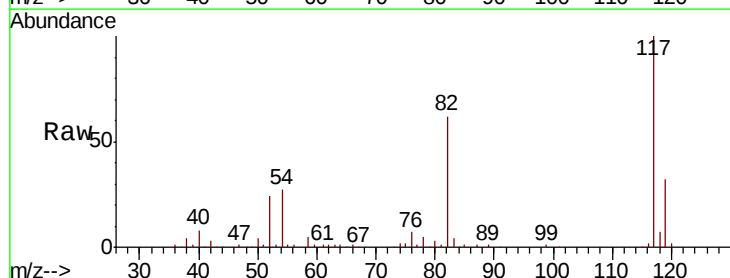
Tgt Ion: 117 Resp: 163417

Ion Ratio Lower Upper

117 100

82 62.2 49.2 73.8

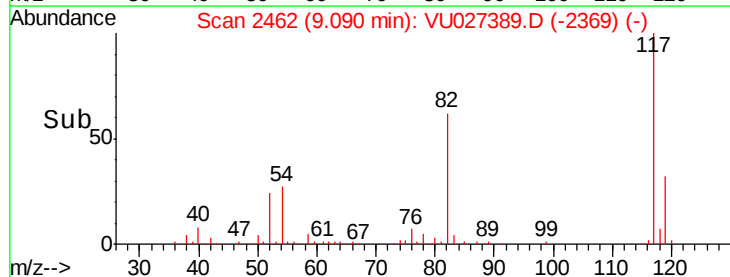
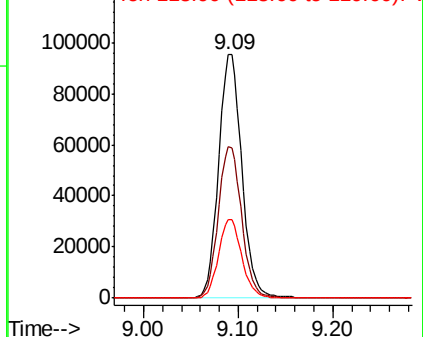
119 32.4 25.7 38.5

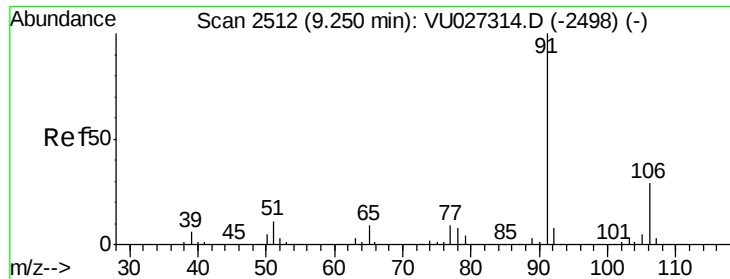


Abundance Ion 116.90 (116.60 to 117.60): VU027314.D (-2449) (-)

Ion 82.00 (81.70 to 82.70): VU027314.D (-2449) (-)

Ion 118.90 (118.60 to 119.60): VU027314.D (-2449) (-)

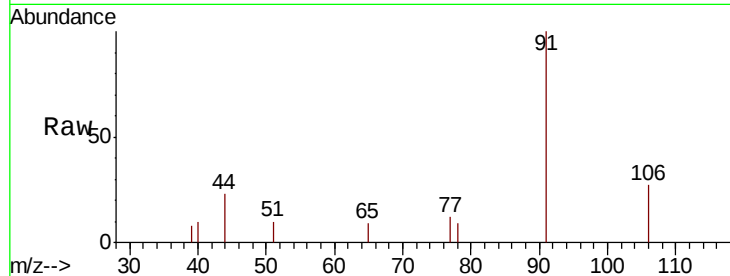




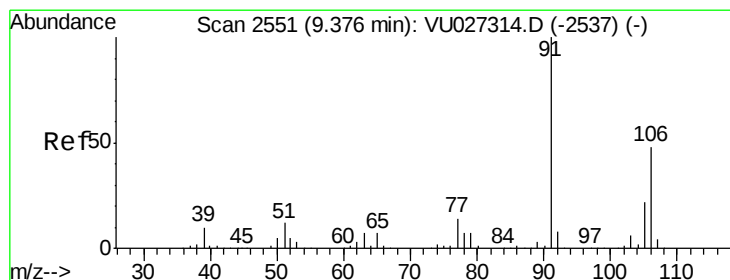
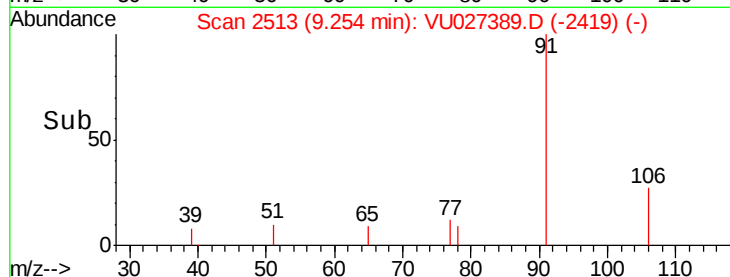
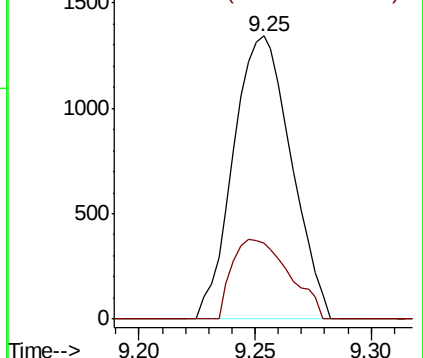
#67
Ethyl Benzene
Concen: 0.381 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027389.D
Acq: 04 Oct 2018 04:27

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 91 Resp: 2321
Ion Ratio Lower Upper
91 100
106 27.0 23.6 35.4

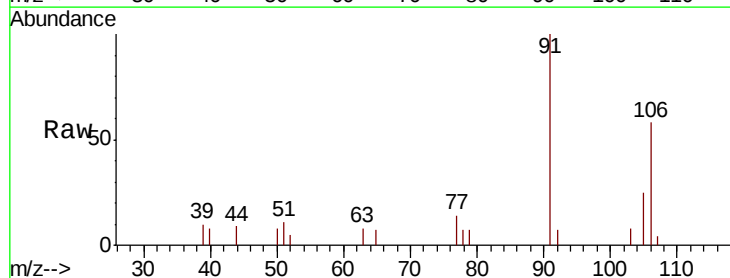


Abundance Ion 91.00 (90.70 to 91.70): VU027314.D (-2498) (-)
Ion 106.00 (105.70 to 106.70): VU027314.D (-2498) (-)

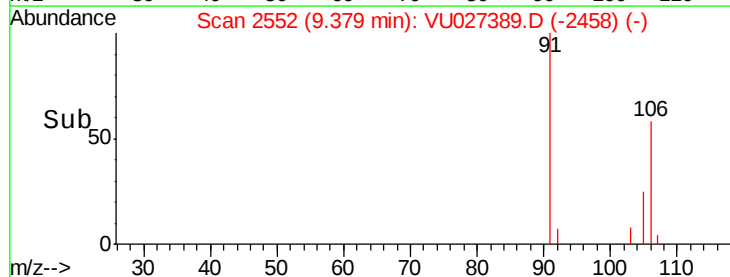
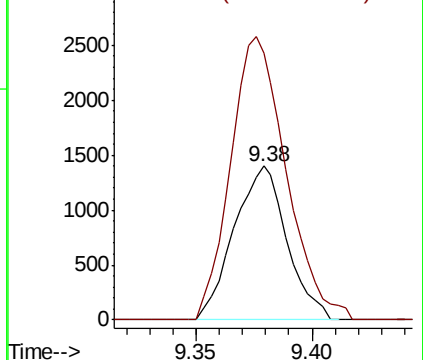


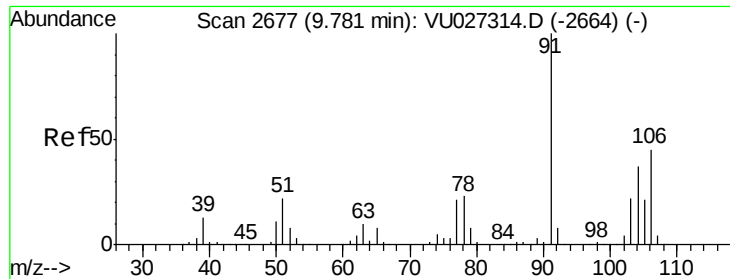
#68
m/p-Xylenes
Concen: 0.994 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027389.D
Acq: 04 Oct 2018 04:27

Tgt Ion: 106 Resp: 2215
Ion Ratio Lower Upper
106 100
91 193.7 168.1 252.1



Abundance Ion 106.00 (105.70 to 106.70): VU027314.D (-2537) (-)
Ion 91.00 (90.70 to 91.70): VU027314.D (-2537) (-)

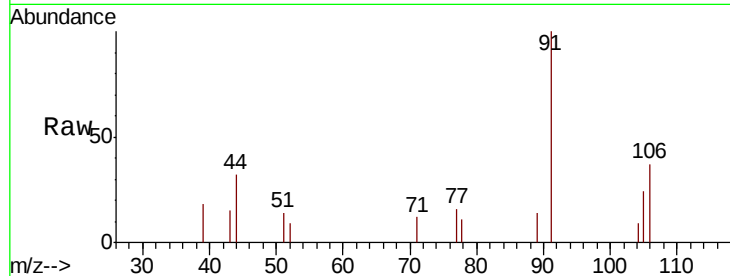




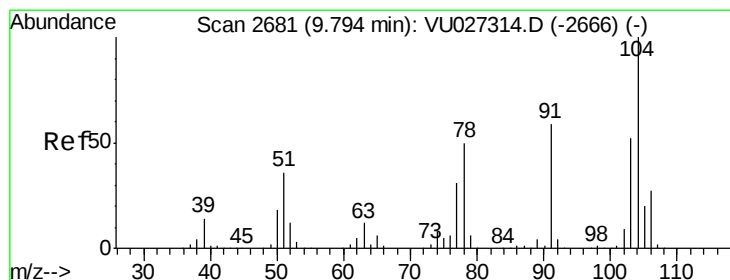
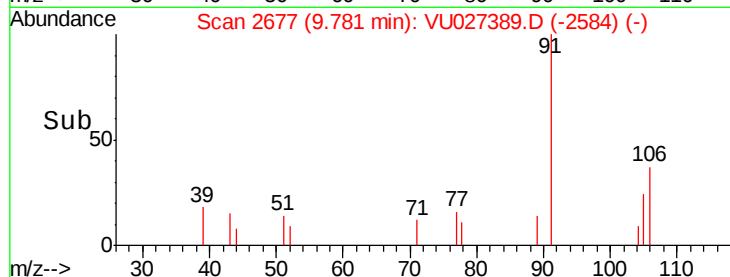
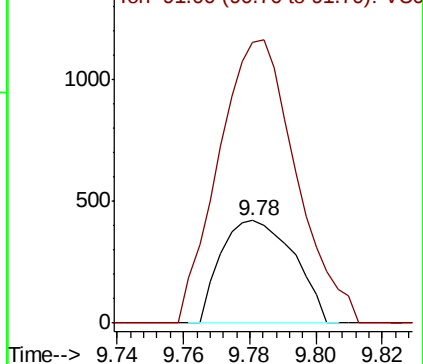
#69
o-Xylene
Concen: 0.306 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027389.D
Acq: 04 Oct 2018 04:27

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 648
Ion Ratio Lower Upper
106 100
91 291.4 111.7 334.9

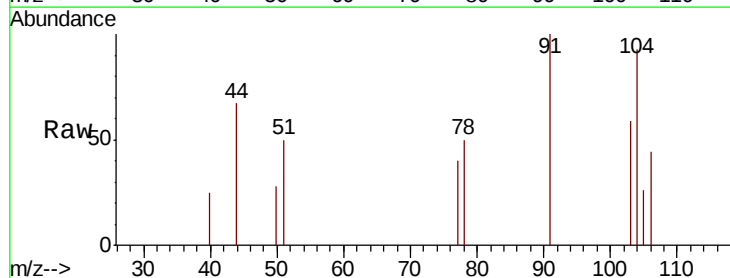


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

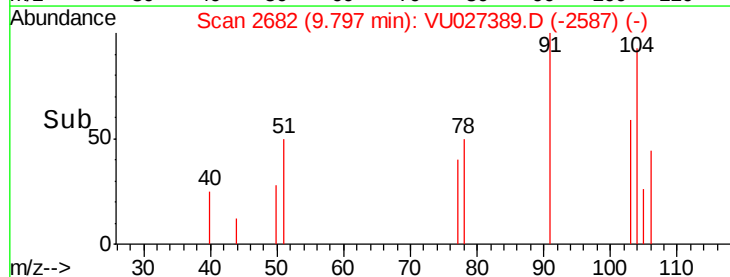
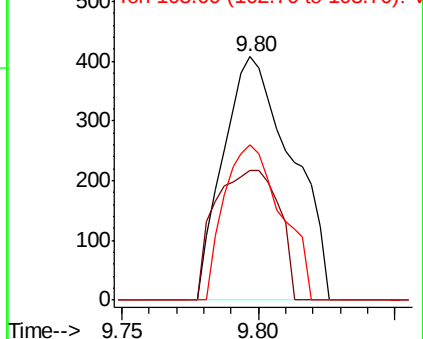


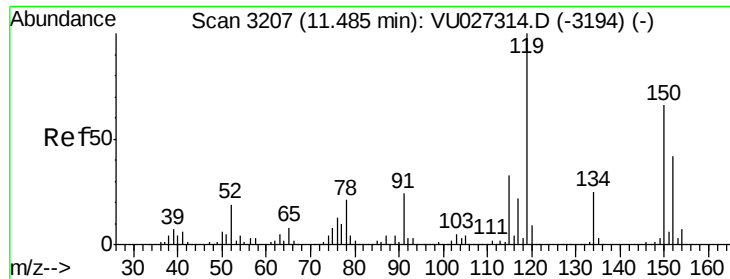
#70
Styrene
Concen: 2.470 ug/l
RT: 9.80 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU027389.D
Acq: 04 Oct 2018 04:27

Tgt Ion:104 Resp: 711
Ion Ratio Lower Upper
104 100
78 49.5 42.9 64.3
103 53.4 43.9 65.9



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027389.D

Acq: 04 Oct 2018 04:27

Instrument :

MSVOA_U

ClientSampled :

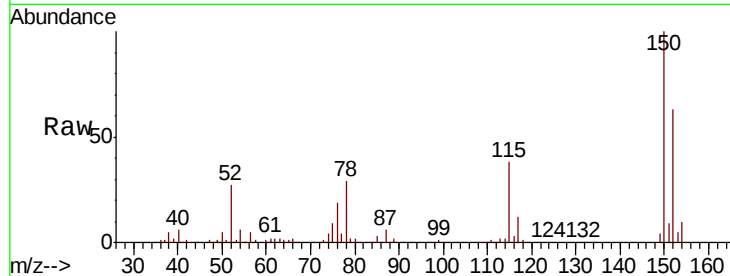
Tot Ion:152 Resp: 85639

Ion Ratio Lower Upper

152 100

115 60.8 43.4 130.2

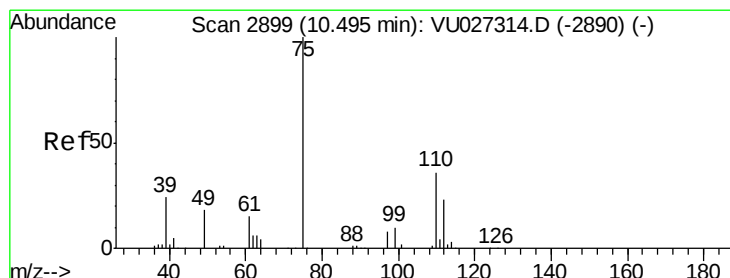
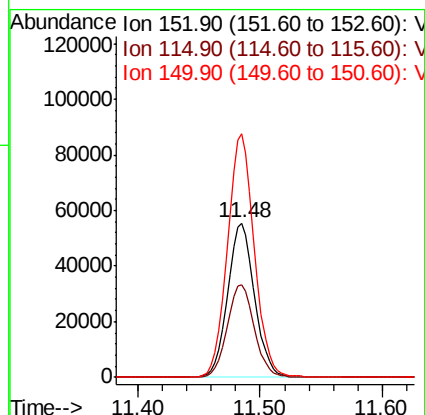
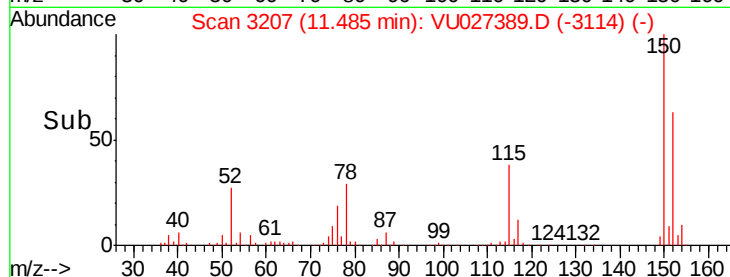
150 157.5 0.0 349.2



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



#76

1,2,3-Trichloropropane

Concen: 21.956 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027389.D

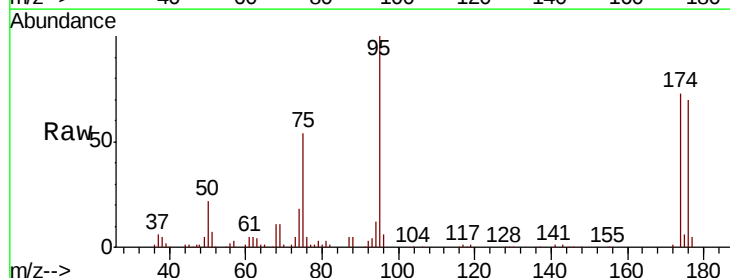
Acq: 04 Oct 2018 04:27

Tgt Ion: 75 Resp: 48741

Ion Ratio Lower Upper

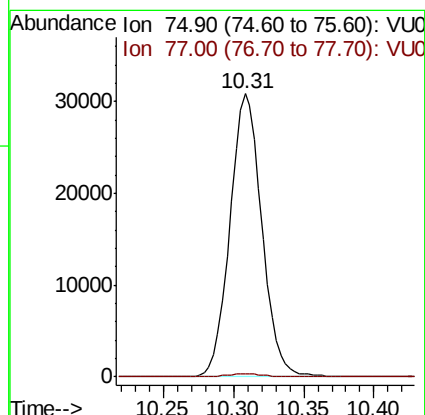
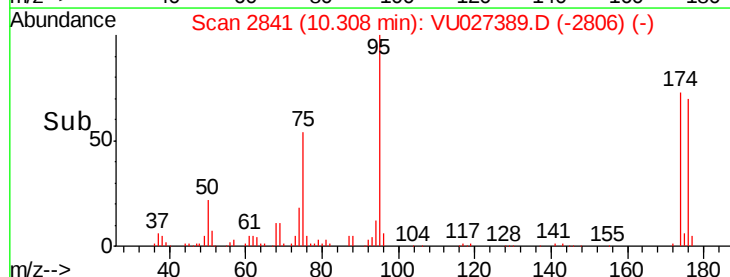
75 100

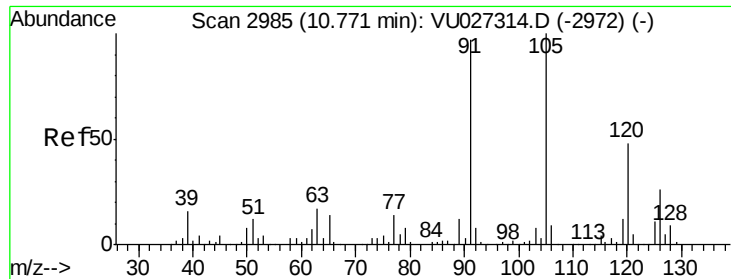
77 1.3 20.3 60.9#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

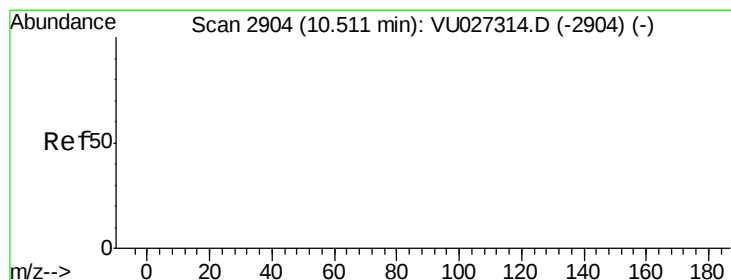
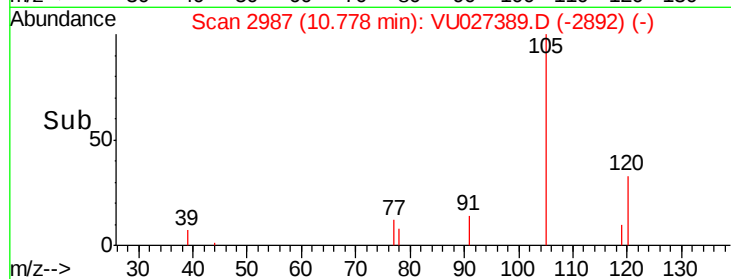
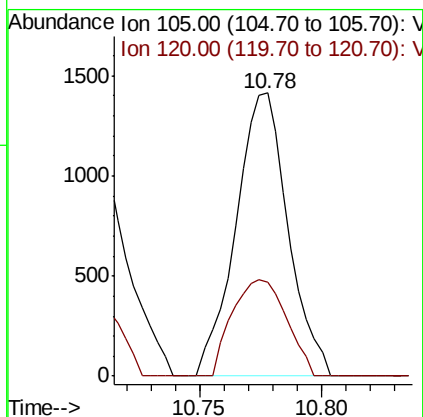
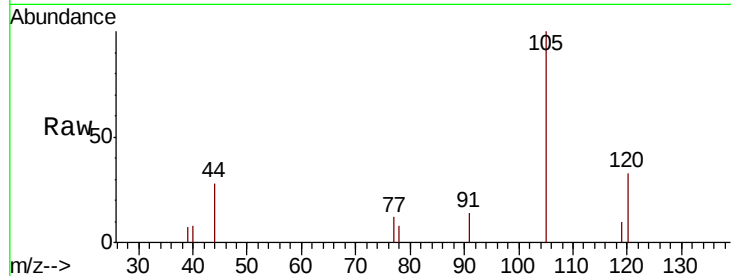




#80
 1,3,5-Trimethylbenzene
 Concen: 0.414 ug/l
 RT: 10.78 min Scan# 2987
 Delta R.T. 0.01 min
 Lab File: VU027389.D
 Acq: 04 Oct 2018 04:27

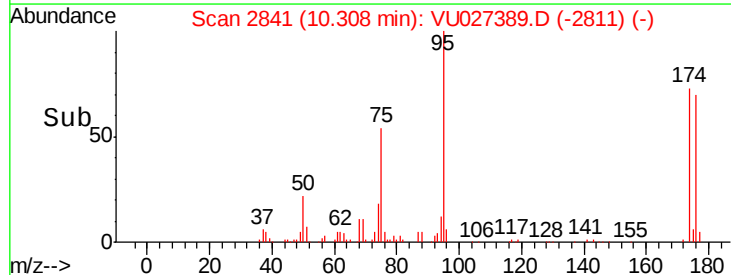
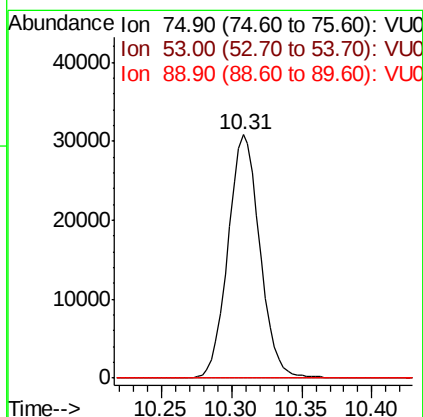
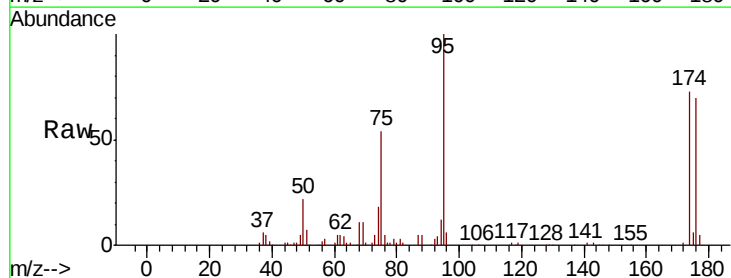
Instrument :
 MSVOA_U
 ClientSampleId :

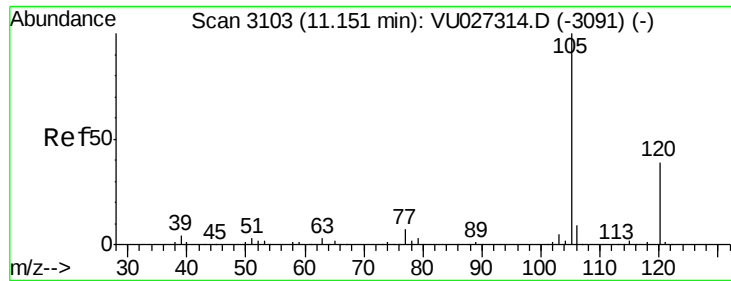
Tot Ion:105 Resp: 2097
 Ion Ratio Lower Upper
 105 100
 120 35.5 24.1 72.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.461 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.20 min
 Lab File: VU027389.D
 Acq: 04 Oct 2018 04:27

Tgt Ion: 75 Resp: 48741
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

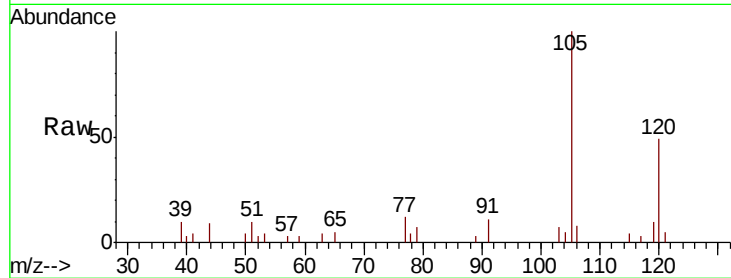




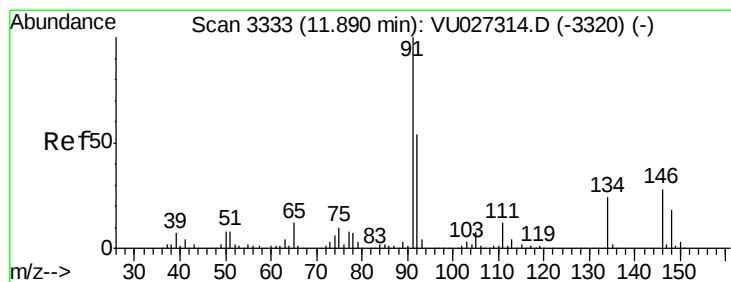
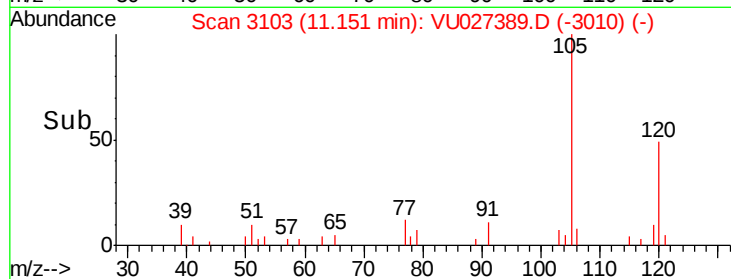
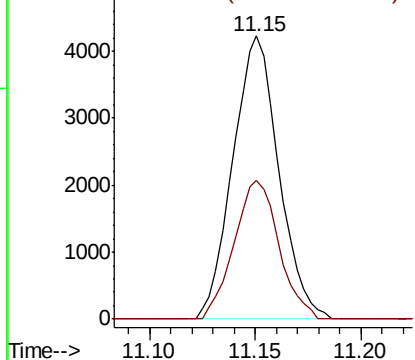
#84
 1,2,4-Trimethylbenzene
 Concen: 1.234 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027389.D
 Acq: 04 Oct 2018 04:27

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:105 Resp: 6383
 Ion Ratio Lower Upper
 105 100
 120 47.9 22.1 66.5

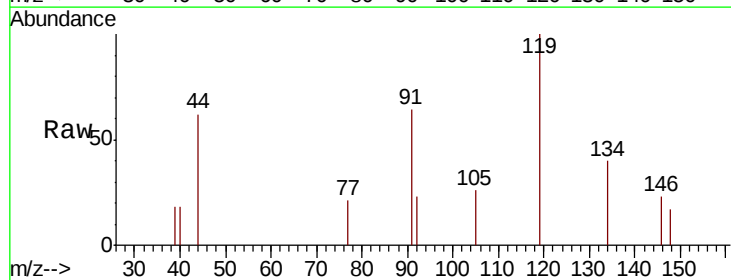


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

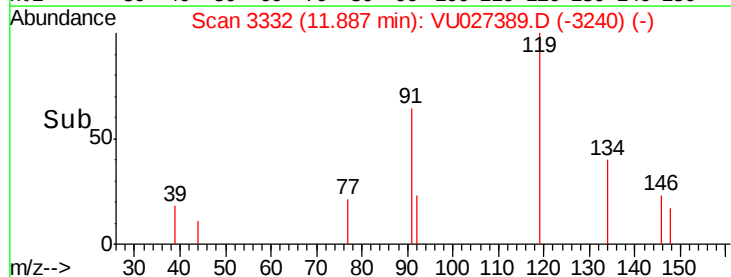
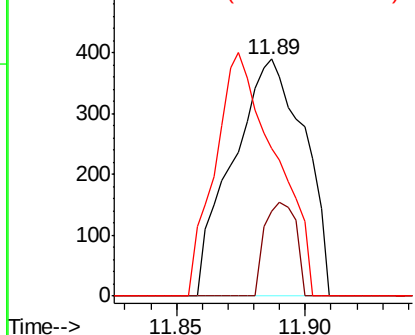


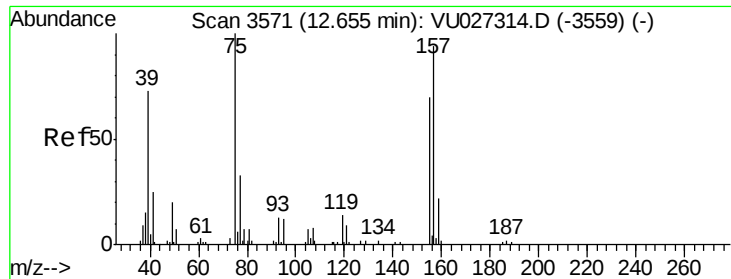
#89
 n-Butylbenzene
 Concen: 2.079 ug/l
 RT: 11.89 min Scan# 3332
 Delta R.T. -0.00 min
 Lab File: VU027389.D
 Acq: 04 Oct 2018 04:27

Tgt Ion: 91 Resp: 755
 Ion Ratio Lower Upper
 91 100
 92 17.4 27.0 81.0#
 134 86.6 11.7 35.1#



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0
 Ion 134.00 (133.70 to 134.70): V

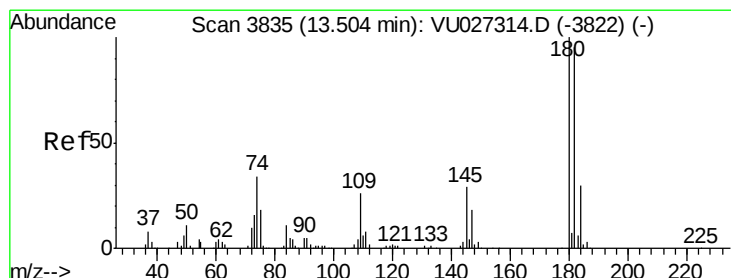
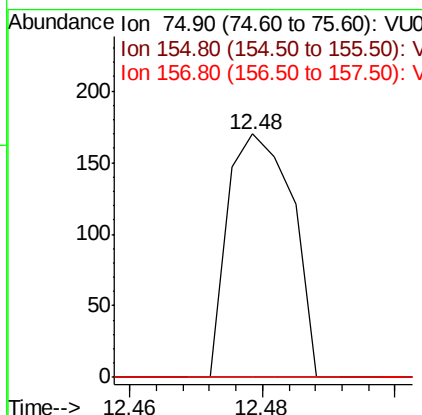
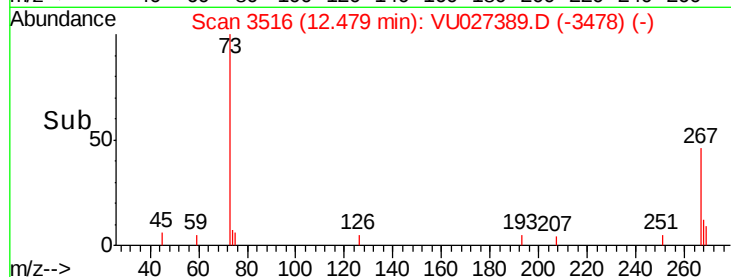
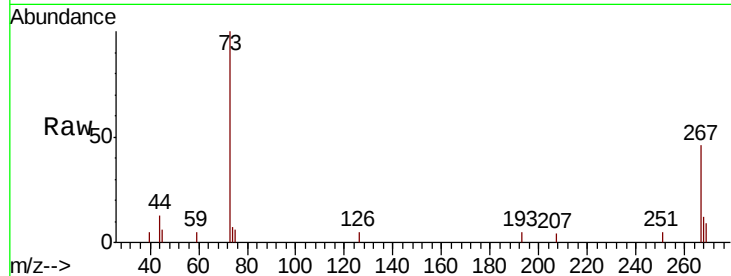




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.211 ug/l
 RT: 12.48 min Scan# 3516
 Delta R.T. -0.18 min
 Lab File: VU027389.D
 Acq: 04 Oct 2018 04:27

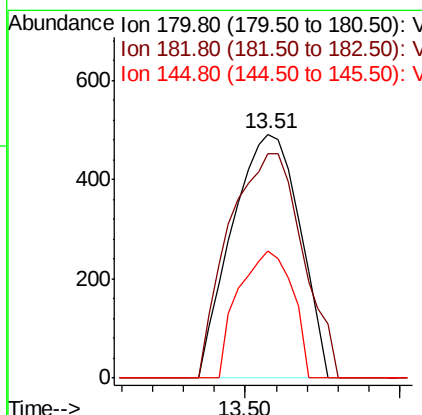
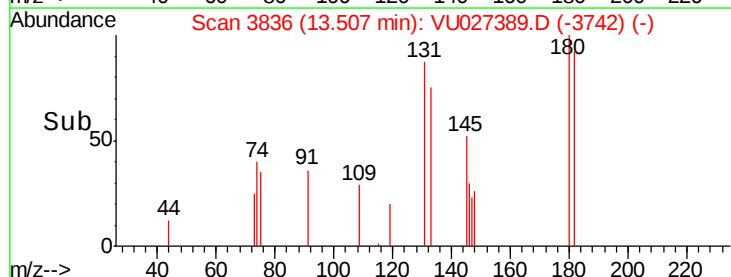
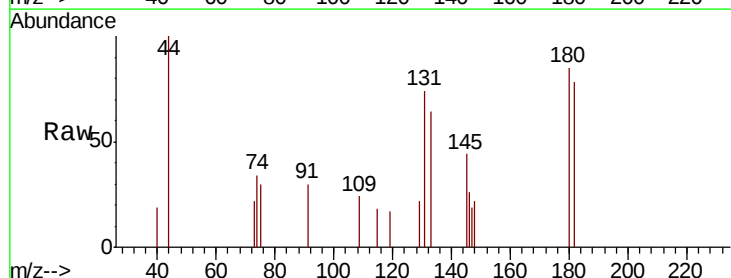
Instrument :
 MSVOA_U
 ClientSampled :

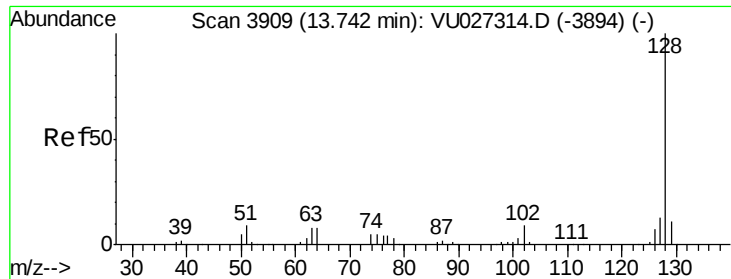
Tot Ion: 75 Resp: 114
 Ion Ratio Lower Upper
 75 100
 155 0.0 35.9 107.8#
 157 0.0 46.9 140.6#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.432 ug/l
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.00 min
 Lab File: VU027389.D
 Acq: 04 Oct 2018 04:27

Tgt Ion: 180 Resp: 745
 Ion Ratio Lower Upper
 180 100
 182 100.3 47.4 142.3
 145 41.3 14.6 44.0

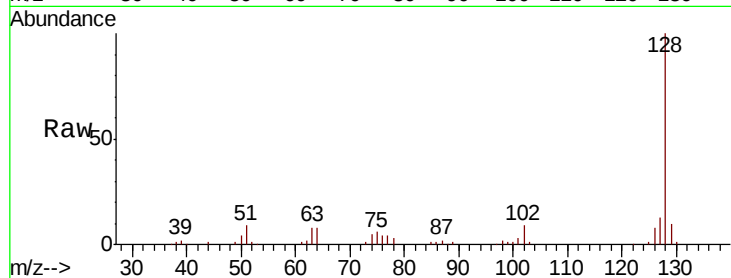




#95
 Naphthalene
 Concen: 12.988 ug/l
 RT: 13.75 min Scan# 3910
 Delta R.T. 0.00 min
 Lab File: VU027389.D
 Acq: 04 Oct 2018 04:27

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	10.8	8.6	12.8



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

