

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
 Data File : VU027425.D
 Acq On : 04 Oct 2018 21:57
 Operator : MD/SY
 Sample : J5232-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3

Quant Time: Oct 05 03:18:27 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	109709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	196454	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	188644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	107775	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	106047	57.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.78%	
35) Dibromofluoromethane	4.88	113	77117	57.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.56%	
50) Toluene-d8	7.57	98	301232	59.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.56%	
62) 4-Bromofluorobenzene	10.31	95	112952	60.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.64%	

Target Compounds					Qvalue	
3) Chloromethane	1.33	50	462	0.216	ug/l #	81
11) Tert butyl alcohol	2.83	59	12540	32.506	ug/l #	72
13) Acrolein	2.19	56	2452	7.575	ug/l #	1
14) Allyl chloride	2.71	41	14997	5.450	ug/l #	66
15) Acrylonitrile	3.00	53	2120	2.111	ug/l #	31
16) Acetone	2.31	43	11219	10.366	ug/l #	73
17) Carbon Disulfide	2.48	76	1104	0.264	ug/l #	75
18) Methyl Acetate	2.62	43	4964	2.011	ug/l #	84
19) Methyl tert-butyl Ether	3.00	73	35326	7.608	ug/l #	1
25) 2-Butanone	4.29	43	1134	0.768	ug/l #	88
26) 2,2-Dichloropropane	4.20	77	488	0.207	ug/l #	56
30) Chloroform	4.73	83	2327	0.911	ug/l #	68
31) Cyclohexane	5.00	56	43709	14.708	ug/l	99
36) 1,1-Dichloropropene	4.99	75	10240	4.801	ug/l #	49
37) Ethyl Acetate	4.29	43	1134	0.411	ug/l #	70
38) Carbon Tetrachloride	4.99	117	11140	5.782	ug/l #	16
39) Methylcyclohexane	6.42	83	33030	13.247	ug/l	95
40) Benzene	5.39	78	616901	99.287	ug/l	99
41) Methacrylonitrile	4.59	41	929	0.596	ug/l #	42
42) 1,2-Dichloroethane	5.39	62	5237	2.271	ug/l #	76
43) Isopropyl Acetate	5.54	43	6206	1.449	ug/l #	63
45) 1,2-Dichloropropane	6.40	63	474	0.264	ug/l #	1
48) Methyl methacrylate	6.65	41	4321	2.029	ug/l #	48
51) 4-Methyl-2-Pentanone	7.47	43	3511	1.262	ug/l	98
52) Toluene	7.64	92	41019	11.154	ug/l	98
55) 1,1,2-Trichloroethane	8.05	97	4035	2.767	ug/l #	19
56) Ethyl methacrylate	8.05	69	1567	2.807	ug/l #	50
58) 2-Chloroethyl Vinyl ether	7.08	63	595	8.606	ug/l #	52
59) 2-Hexanone	8.40	43	21281	9.860	ug/l	85
67) Ethyl Benzene	9.25	91	1145193	162.781	ug/l	99
68) m/p-Xylenes	9.38	106	21400	8.316	ug/l	98
69) o-Xylene	9.78	106	18884	7.722	ug/l	99
70) Styrene	9.79	104	2804	2.884	ug/l #	1
73) Isopropylbenzene	10.17	105	50247	6.419	ug/l	100

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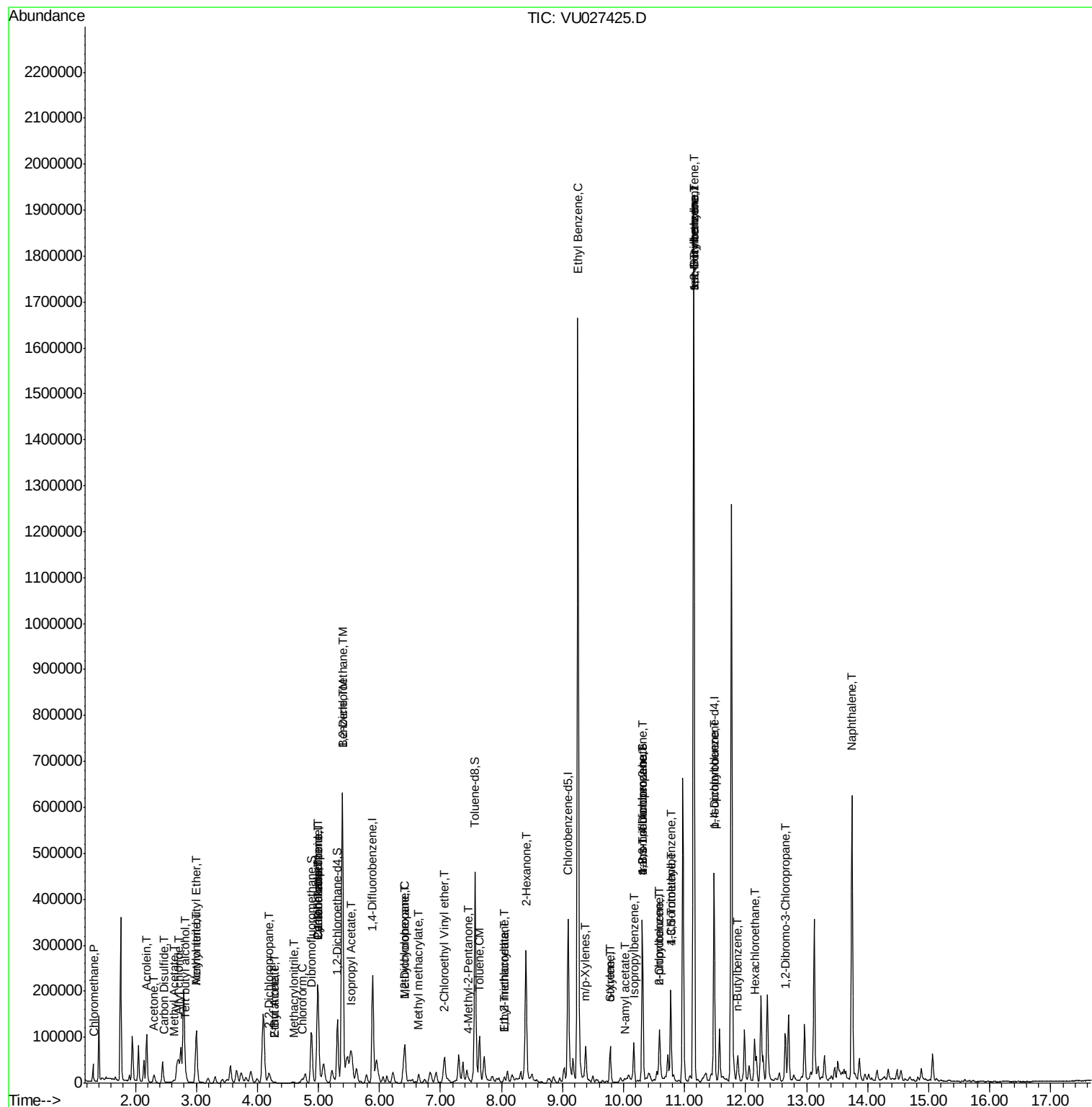
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) N-amyl acetate	10.03	43	1615	0.360	ug/l #	66
76) 1,2,3-Trichloropropane	10.31	75	60026	21.486	ug/l #	37
78) n-propylbenzene	10.59	91	78651	8.362	ug/l	99
79) 2-Chlorotoluene	10.59	91	78651	13.849	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.77	105	101936	15.995	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.31	75	60026	56.230	ug/l #	100
82) 4-Chlorotoluene	10.77	91	11460	1.778	ug/l #	48
83) tert-Butylbenzene	11.15	119	119743	19.436	ug/l #	61
84) 1,2,4-Trimethylbenzene	11.15	105	1016131	156.093	ug/l	100
85) sec-Butylbenzene	11.15	105	1016131	130.903	ug/l #	58
86) p-Isopropyltoluene	11.48	119	3728	0.561	ug/l #	75
89) n-Butylbenzene	11.87	91	7978	3.036	ug/l #	5
90) Hexachloroethane	12.15	117	4686	3.740	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	12.65	75	453	0.665	ug/l #	7
95) Naphthalene	13.74	128	453801	55.505	ug/l	100

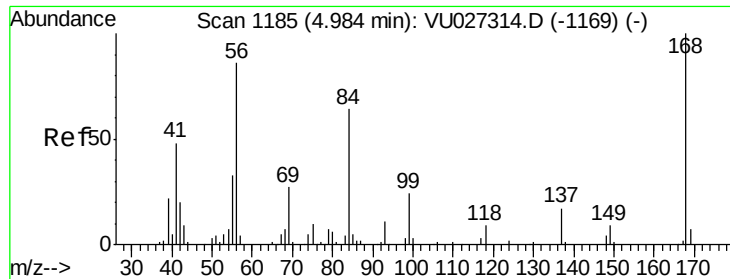
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027425.D

Acq: 04 Oct 2018 21:57

Instrument :

MSVOA_U

ClientSampleId :

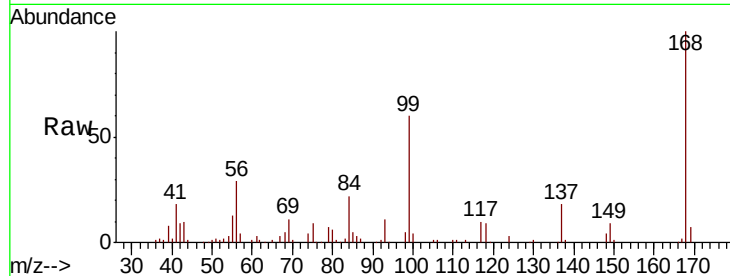
MW-3

Tgt Ion:168 Resp: 109709

Ion Ratio Lower Upper

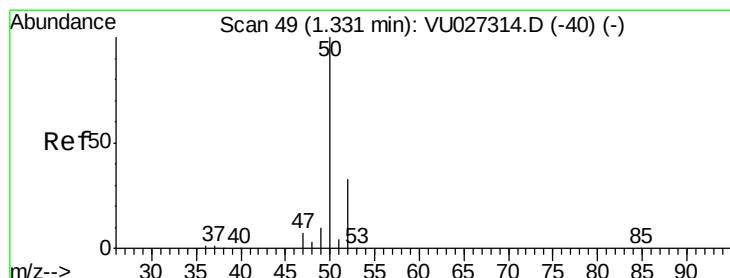
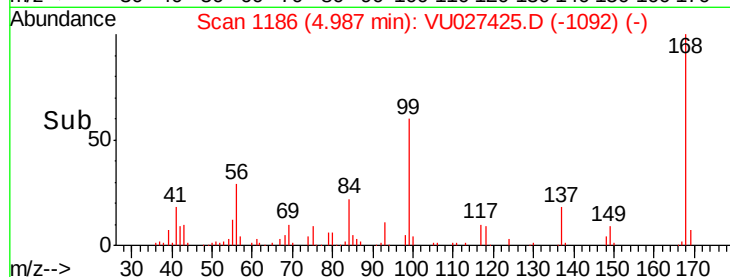
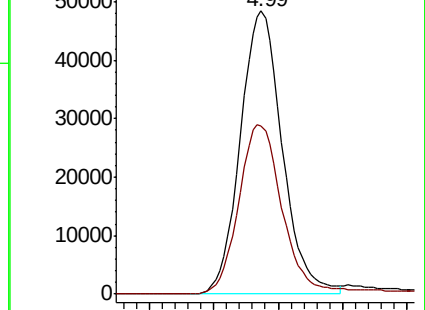
168 100

99 59.5 50.8 76.2



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

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)



#3

Chloromethane

Concen: 0.216 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU027425.D

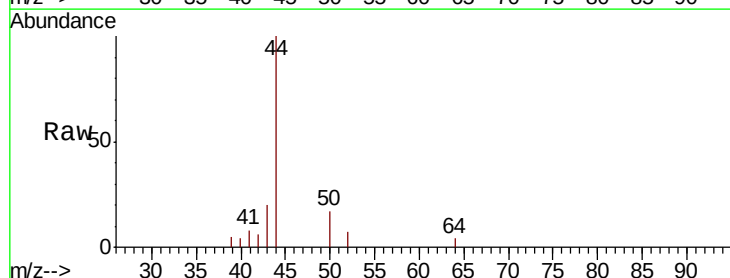
Acq: 04 Oct 2018 21:57

Tgt Ion: 50 Resp: 462

Ion Ratio Lower Upper

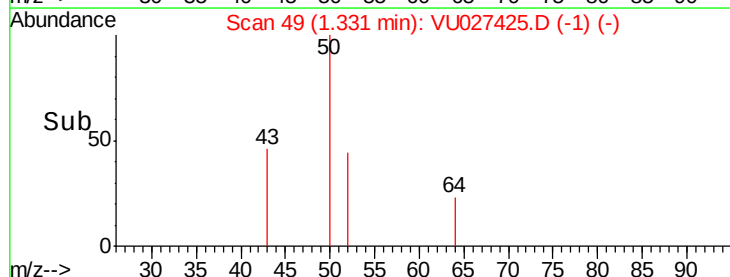
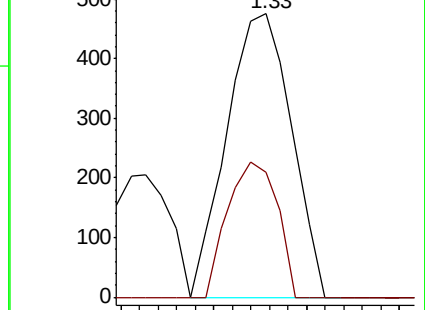
50 100

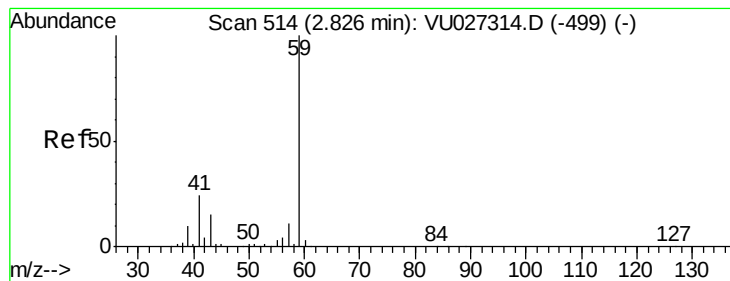
52 44.0 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VU027314.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU027314.D (-40) (-)



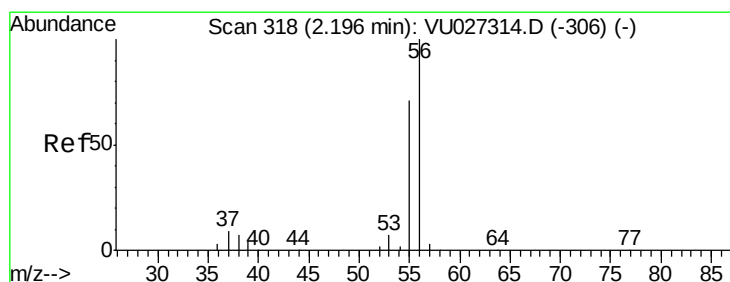
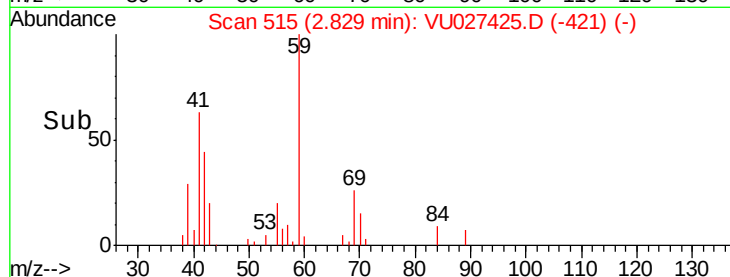
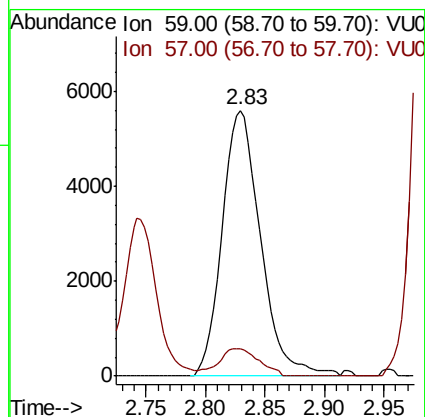
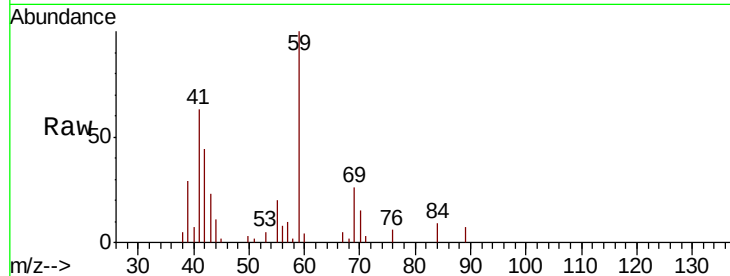


#11

Tert butyl alcohol
Concen: 32.506 ug/l
RT: 2.83 min Scan# 515
Delta R.T. 0.00 min
Lab File: VU027425.D
Acq: 04 Oct 2018 21:57

Instrument :
MSVOA_U
ClientSampled :
MW-3

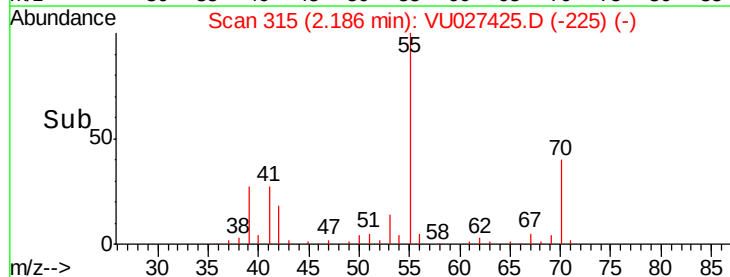
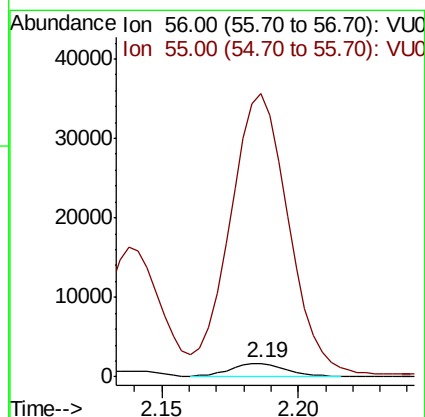
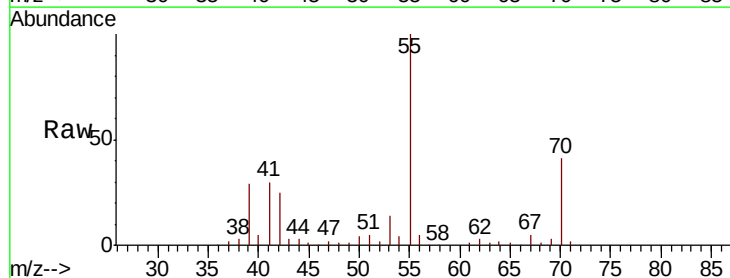
Tgt Ion: 59 Resp: 12540
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#

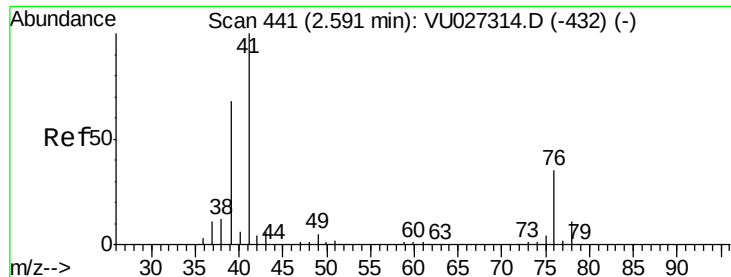


#13

Acrolein
Concen: 7.575 ug/l
RT: 2.19 min Scan# 315
Delta R.T. -0.01 min
Lab File: VU027425.D
Acq: 04 Oct 2018 21:57

Tgt Ion: 56 Resp: 2452
Ion Ratio Lower Upper
56 100
55 2145.4 57.7 86.5#





#14

Allyl chloride

Concen: 5.450 ug/l

RT: 2.71 min Scan# 477

Delta R.T. 0.12 min

Lab File: VU027425.D

Acq: 04 Oct 2018 21:57

Instrument :

MSVOA_U

ClientSampled :

MW-3

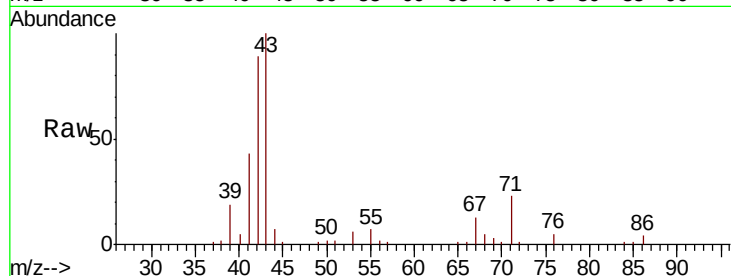
Tgt Ion: 41 Resp: 14997

Ion Ratio Lower Upper

41 100

39 82.4 51.8 77.8#

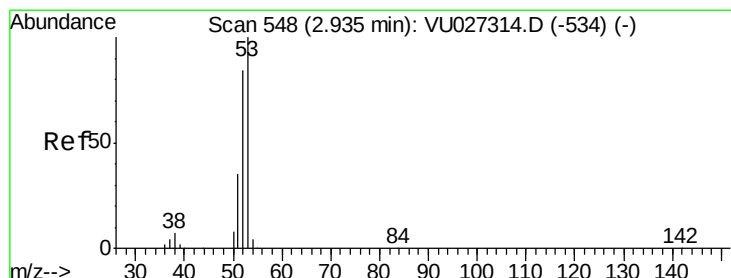
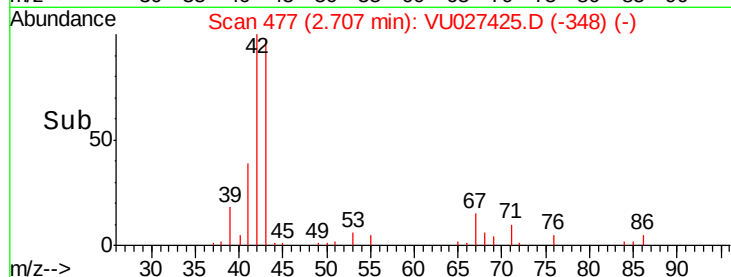
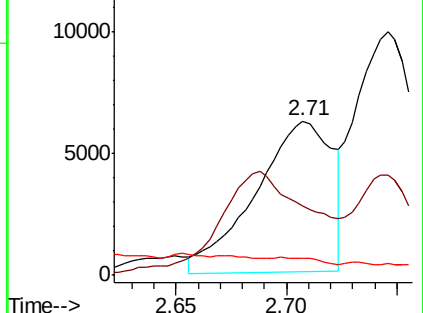
76 0.0 25.9 38.9#



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



#15

Acrylonitrile

Concen: 2.111 ug/l

RT: 3.00 min Scan# 568

Delta R.T. 0.06 min

Lab File: VU027425.D

Acq: 04 Oct 2018 21:57

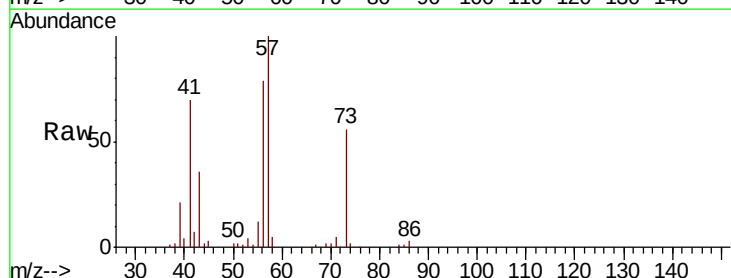
Tgt Ion: 53 Resp: 2120

Ion Ratio Lower Upper

53 100

52 12.9 66.5 99.7#

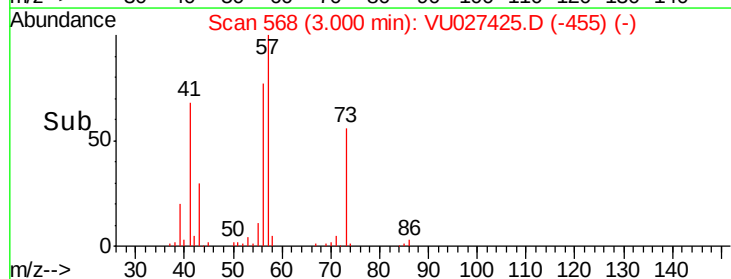
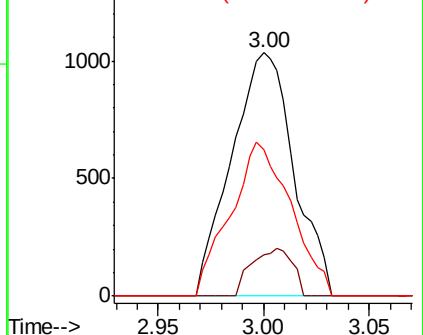
51 61.5 27.6 41.4#

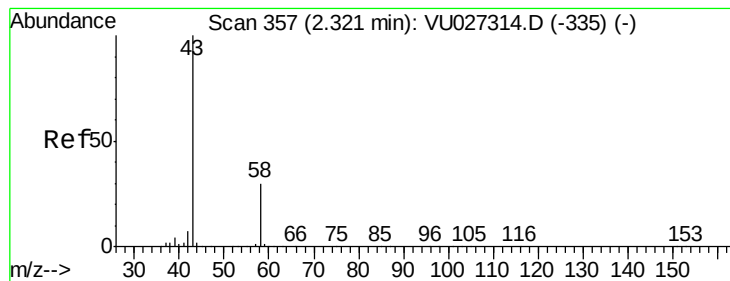


Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0





#16

Acetone

Concen: 10.366 ug/l

RT: 2.31 min Scan# 355

Delta R.T. -0.01 min

Lab File: VU027425.D

Acq: 04 Oct 2018 21:57

Instrument :

MSVOA_U

ClientSampled :

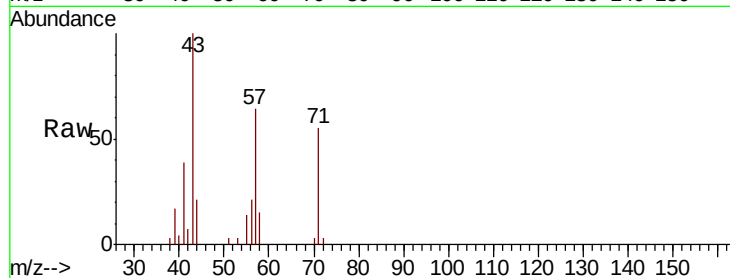
MW-3

Tgt Ion: 43 Resp: 11219

Ion Ratio Lower Upper

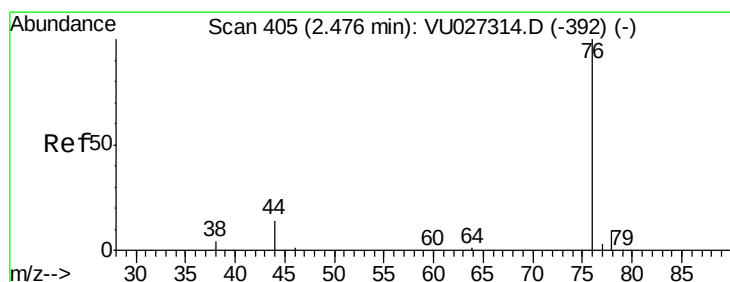
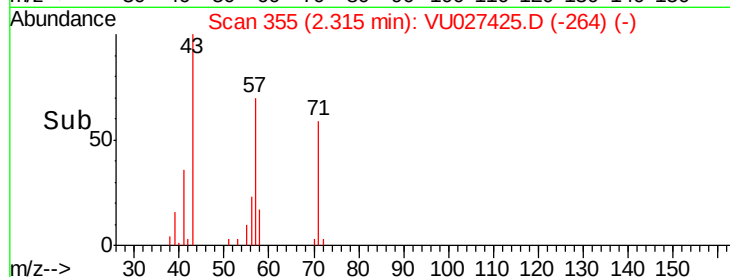
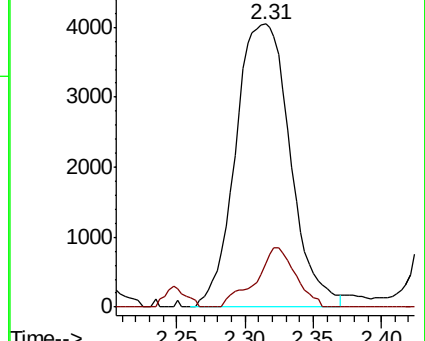
43 100

58 15.4 24.2 36.4#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#17

Carbon Disulfide

Concen: 0.264 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027425.D

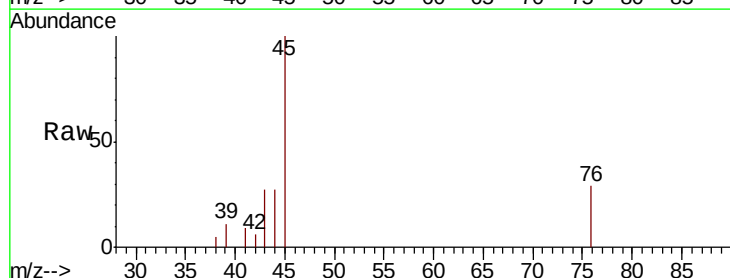
Acq: 04 Oct 2018 21:57

Tgt Ion: 76 Resp: 1104

Ion Ratio Lower Upper

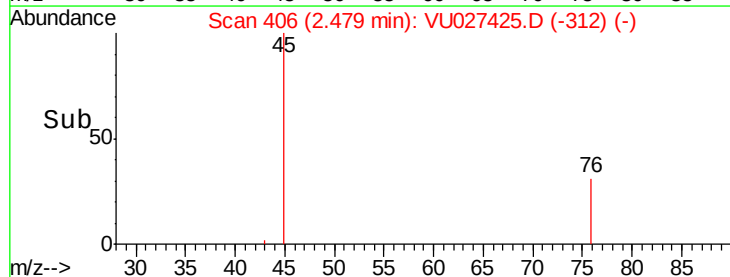
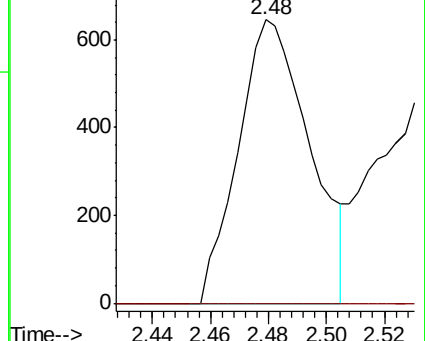
76 100

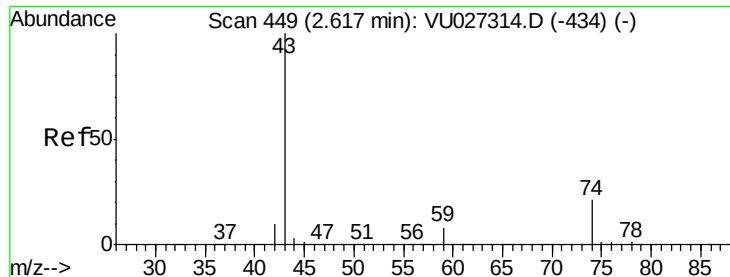
78 0.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

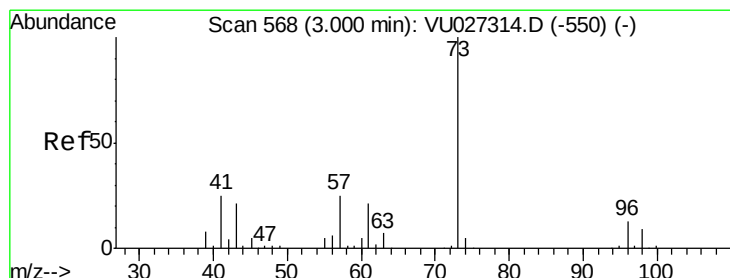
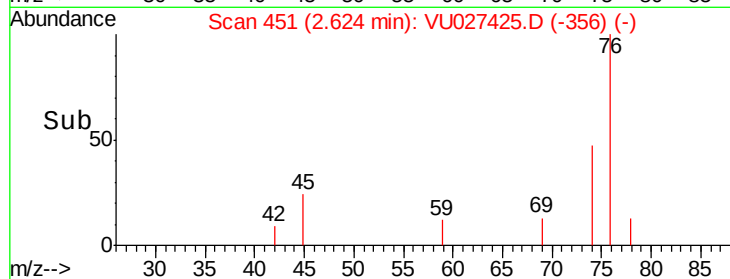
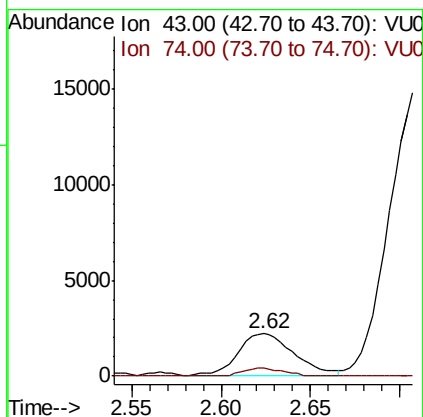
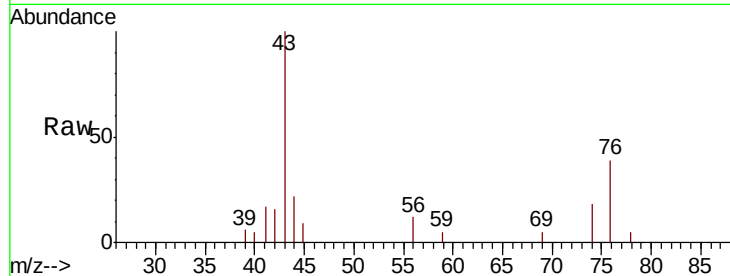




#18
Methyl Acetate
Concen: 2.011 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU027425.D
Acq: 04 Oct 2018 21:57

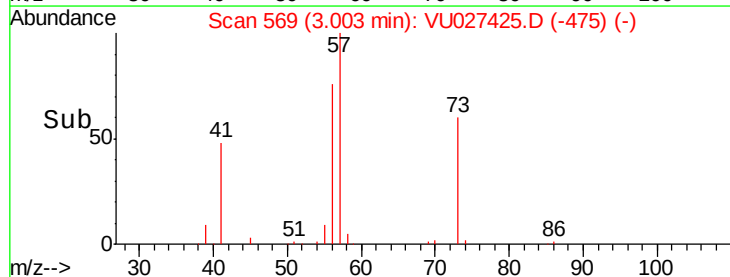
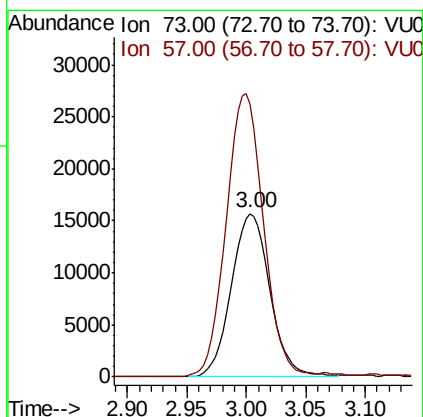
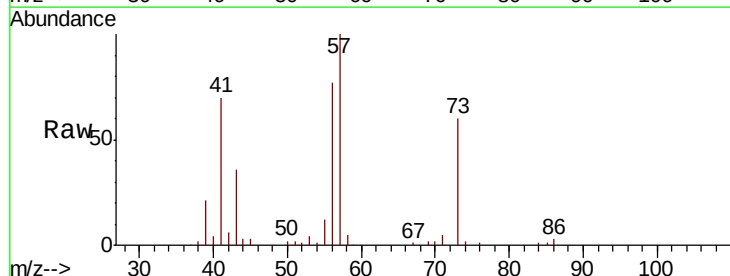
Instrument :
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ClientSampled :
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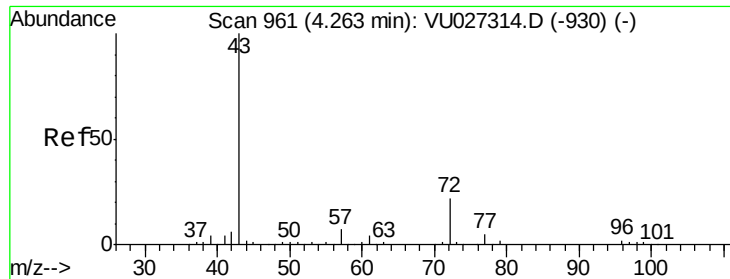
Tgt Ion: 43 Resp: 4964
Ion Ratio Lower Upper
43 100
74 13.0 16.5 24.7#



#19
Methyl tert-butyl Ether
Concen: 7.608 ug/l
RT: 3.00 min Scan# 569
Delta R.T. 0.00 min
Lab File: VU027425.D
Acq: 04 Oct 2018 21:57

Tgt Ion: 73 Resp: 35326
Ion Ratio Lower Upper
73 100
57 166.0 20.0 30.0#





#25

2-Butanone

Concen: 0.768 ug/l

RT: 4.29 min Scan# 968

Delta R.T. 0.02 min

Lab File: VU027425.D

Acq: 04 Oct 2018 21:57

Instrument :

MSVOA_U

ClientSampled :

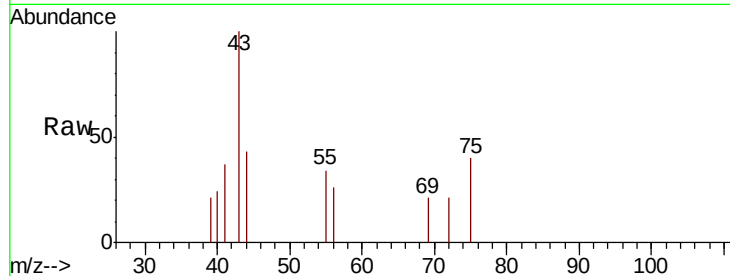
MW-3

Tgt Ion: 43 Resp: 1134

Ion Ratio Lower Upper

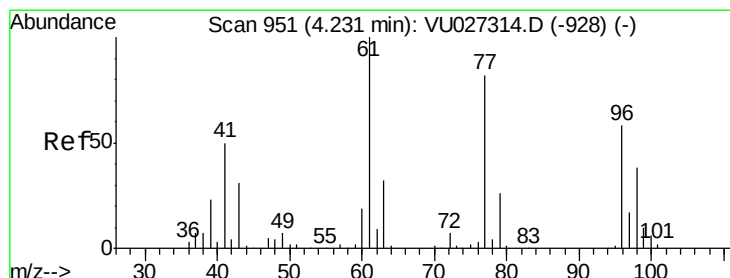
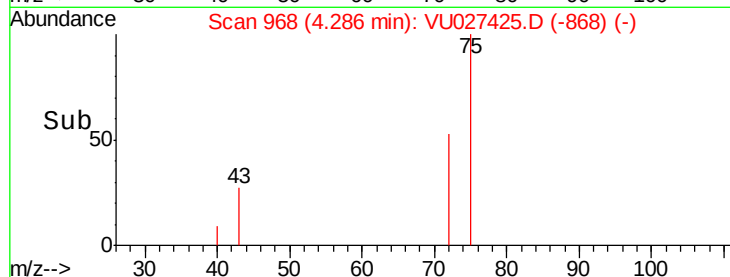
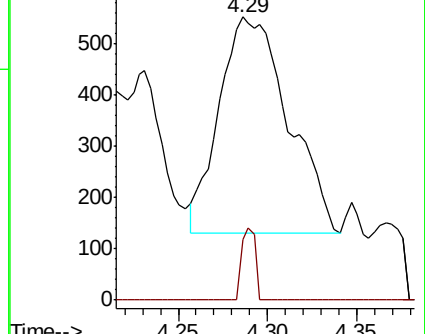
43 100

72 28.0 17.8 26.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 0.207 ug/l

RT: 4.20 min Scan# 941

Delta R.T. -0.03 min

Lab File: VU027425.D

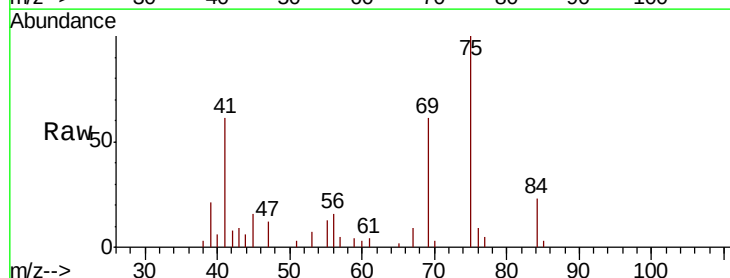
Acq: 04 Oct 2018 21:57

Tgt Ion: 77 Resp: 488

Ion Ratio Lower Upper

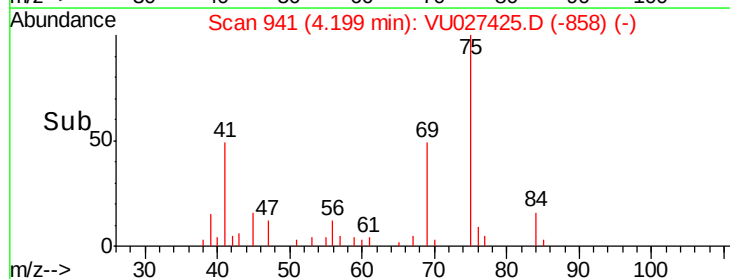
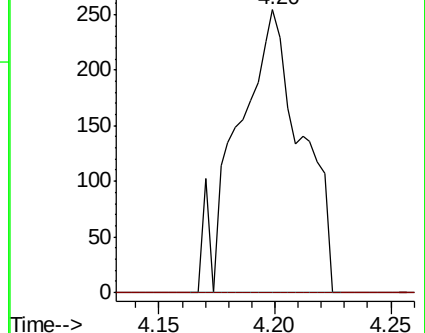
77 100

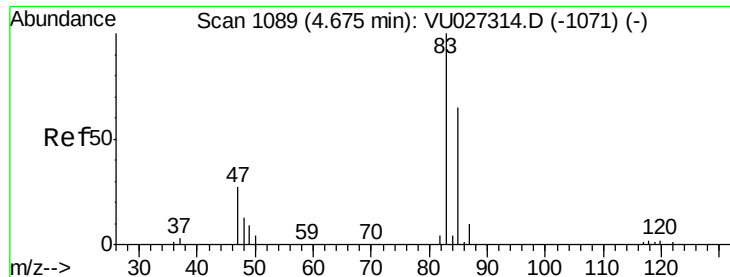
97 0.0 10.4 31.1#



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

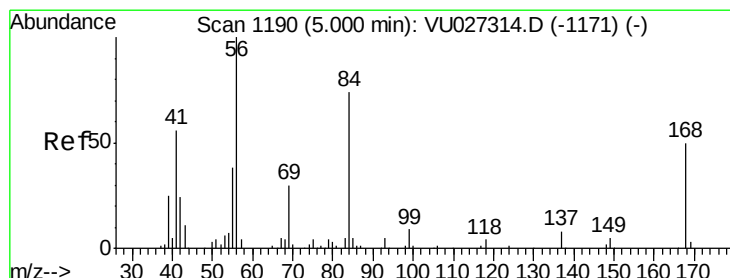
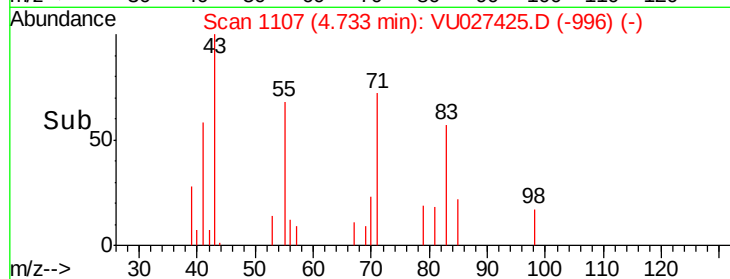
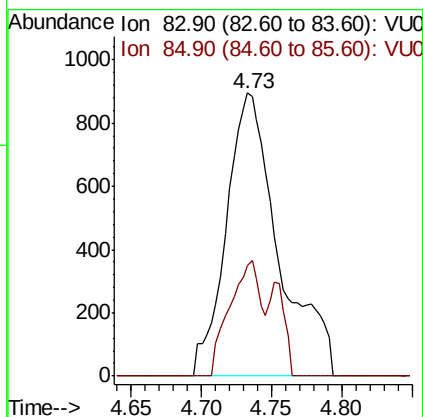
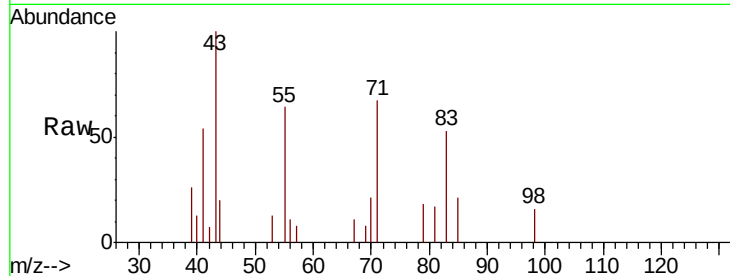




#30
Chloroform
Concen: 0.911 ug/l
RT: 4.73 min Scan# 1107
Delta R.T. 0.06 min
Lab File: VU027425.D
Acq: 04 Oct 2018 21:57

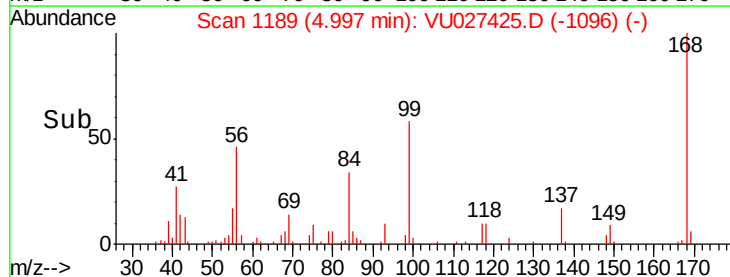
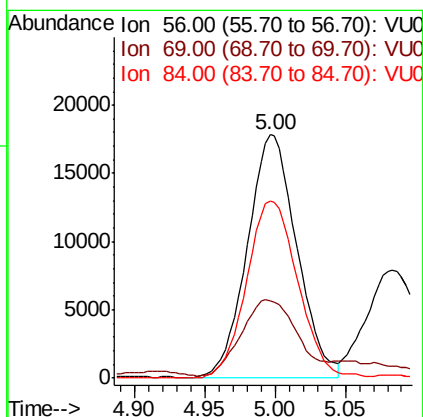
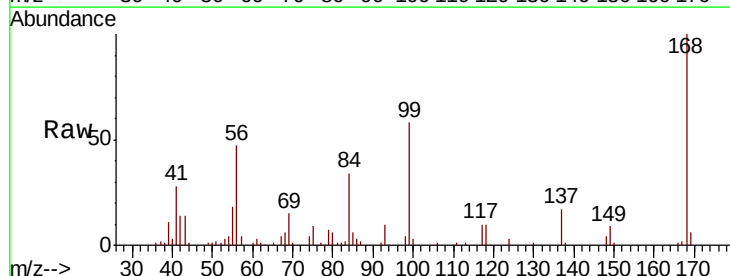
Instrument :
MSVOA_U
ClientSampled :
MW-3

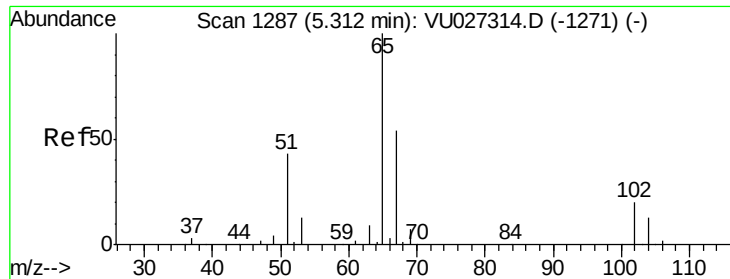
Tgt Ion: 83 Resp: 2327
Ion Ratio Lower Upper
83 100
85 39.2 51.8 77.6#



#31
Cyclohexane
Concen: 14.708 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027425.D
Acq: 04 Oct 2018 21:57

Tgt Ion: 56 Resp: 43709
Ion Ratio Lower Upper
56 100
69 30.2 24.1 36.1
84 73.0 59.1 88.7

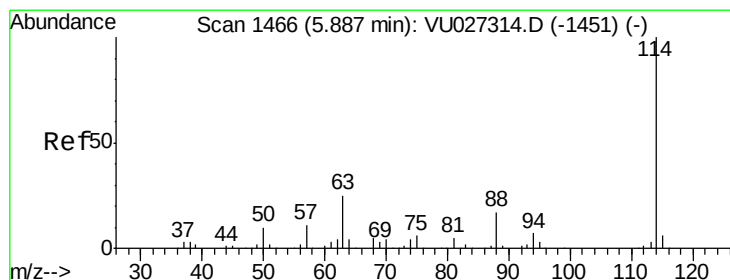
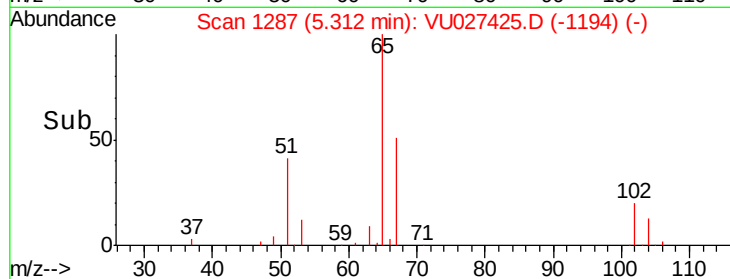
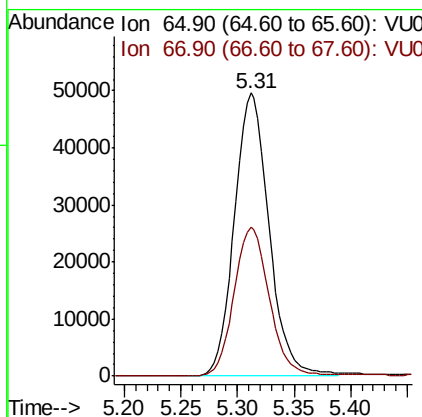
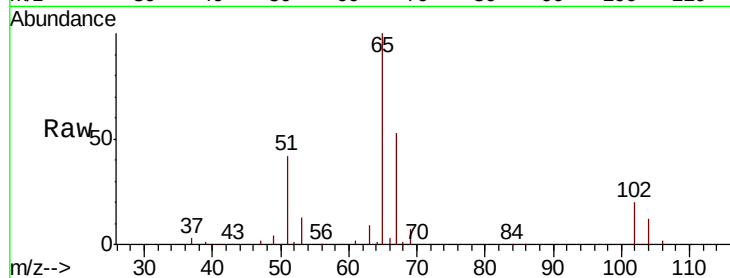




#33
 1,2-Dichloroethane-d4
 Concen: 57.888 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027425.D
 Acq: 04 Oct 2018 21:57

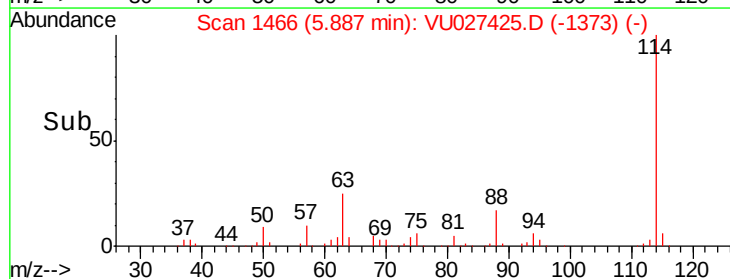
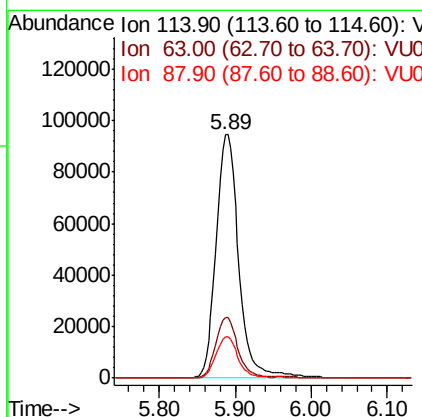
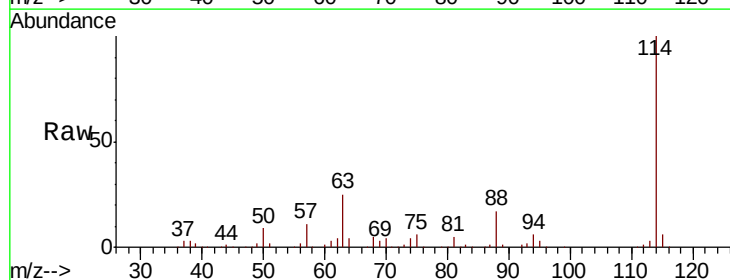
Instrument :
 MSVOA_U
 ClientSampled :
 MW-3

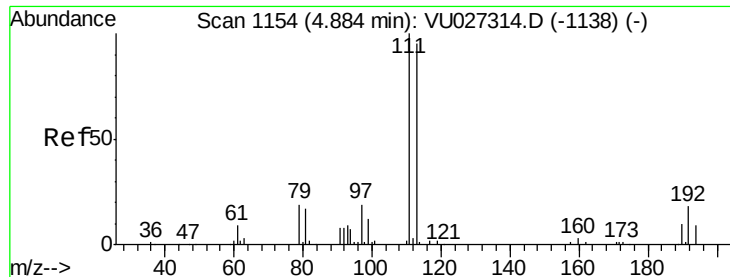
Tgt Ion: 65 Resp: 106047
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU027425.D
 Acq: 04 Oct 2018 21:57

Tgt Ion: 114 Resp: 196454
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 50.2
 88 16.9 0.0 33.8

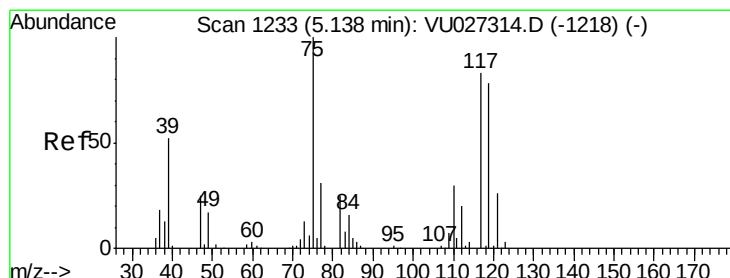
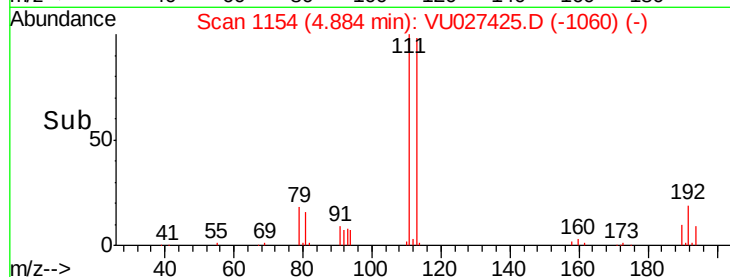
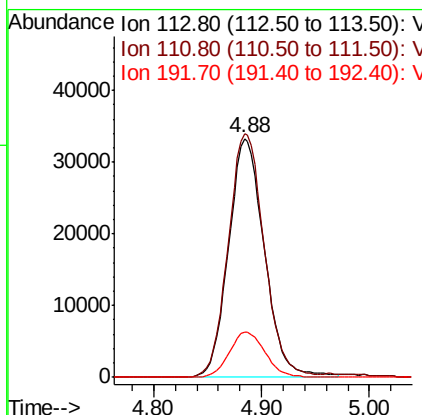
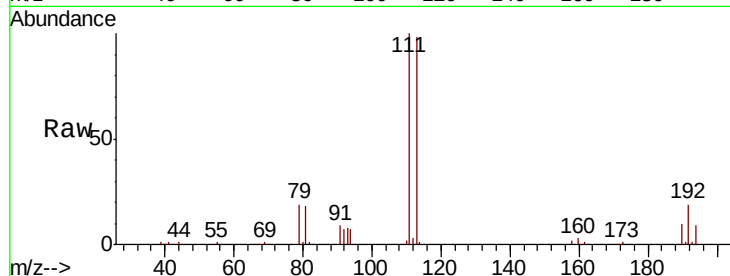




#35
 Dibromofluoromethane
 Concen: 57.278 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027425.D
 Acq: 04 Oct 2018 21:57

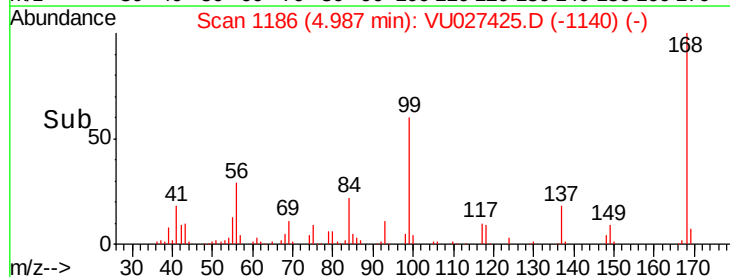
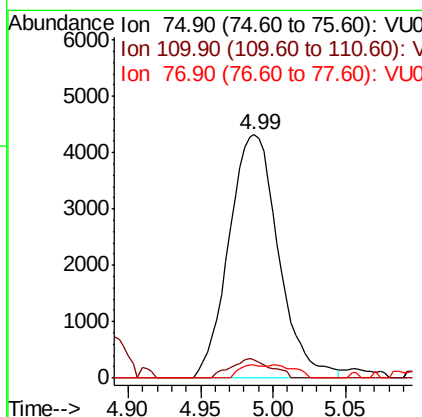
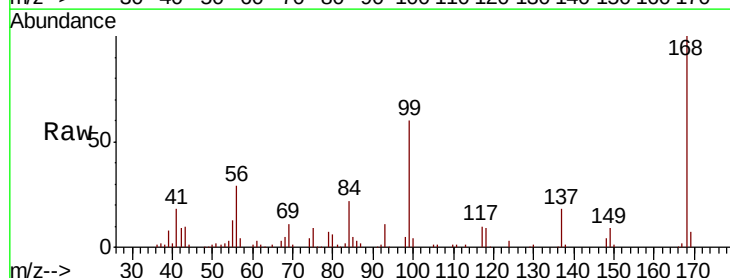
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3

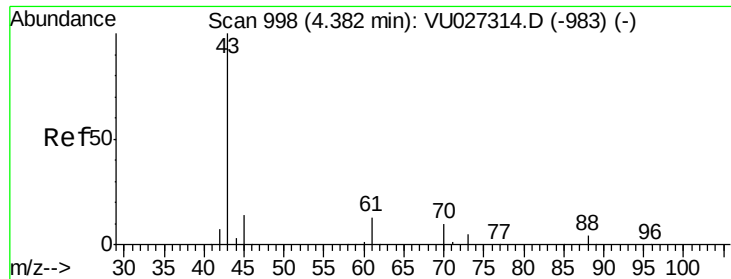
Tgt Ion: 113 Resp: 77117
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.1 124.7
 192 18.9 15.4 23.0



#36
 1,1-Dichloropropene
 Concen: 4.801 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027425.D
 Acq: 04 Oct 2018 21:57

Tgt Ion: 75 Resp: 10240
 Ion Ratio Lower Upper
 75 100
 110 6.3 15.5 46.5#
 77 0.0 25.4 38.0#





#37

Ethyl Acetate

Concen: 0.411 ug/l

RT: 4.29 min Scan# 968

Delta R.T. -0.10 min

Lab File: VU027425.D

Acq: 04 Oct 2018 21:57

Instrument :

MSVOA_U

ClientSampleId :

MW-3

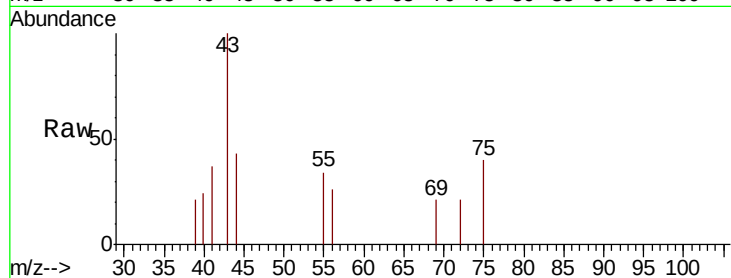
Tgt Ion: 43 Resp: 1134

Ion Ratio Lower Upper

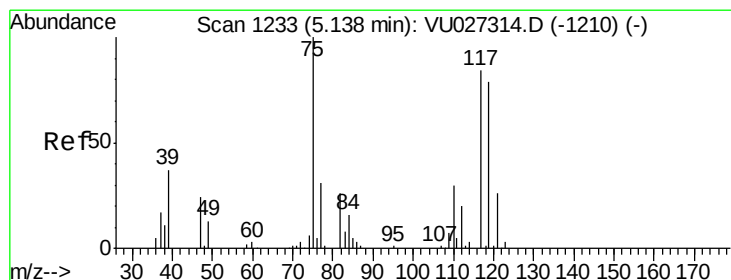
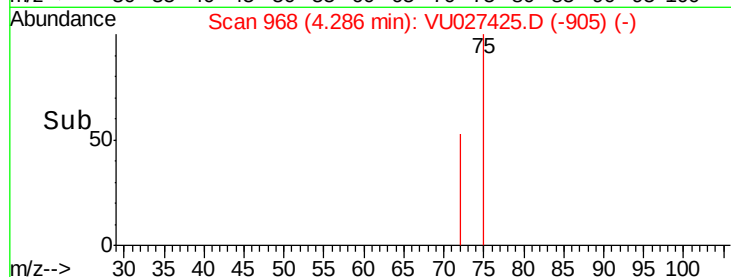
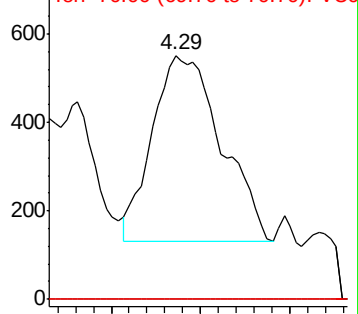
43 100

61 0.0 10.7 16.1#

70 0.0 7.4 11.2#



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-983) (-)



#38

Carbon Tetrachloride

Concen: 5.782 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU027425.D

Acq: 04 Oct 2018 21:57

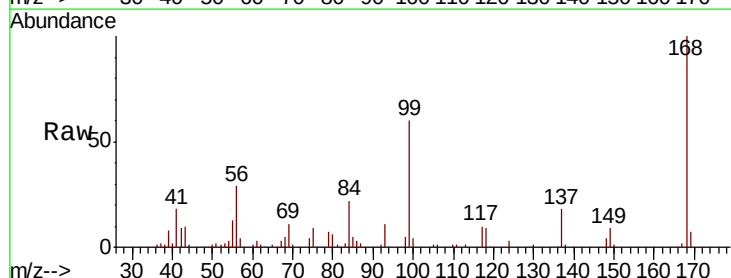
Tgt Ion: 117 Resp: 11140

Ion Ratio Lower Upper

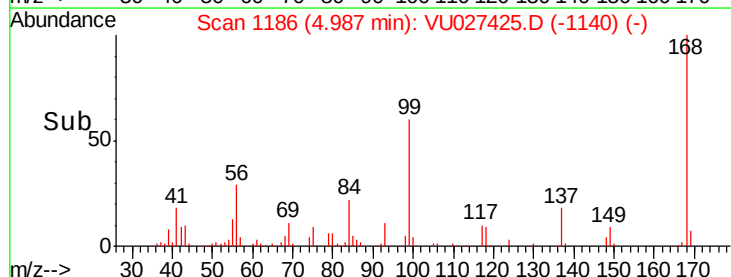
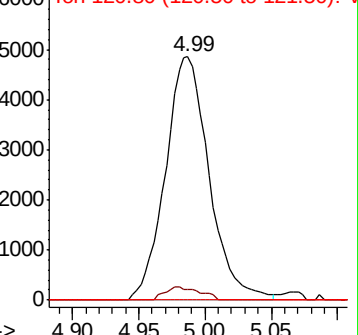
117 100

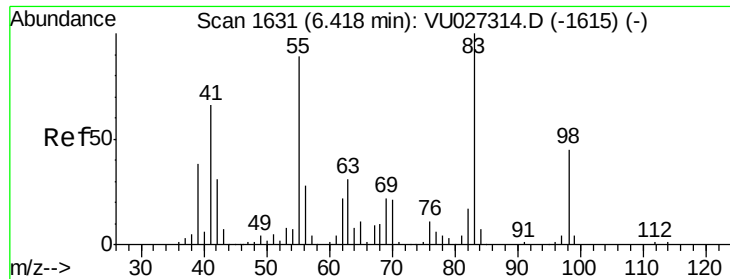
119 4.1 74.5 111.7#

121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): VU027314.D (-1210) (-)

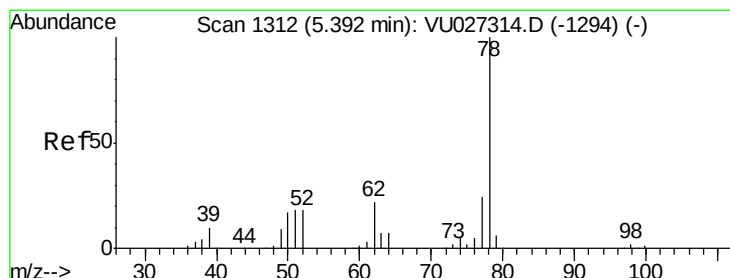
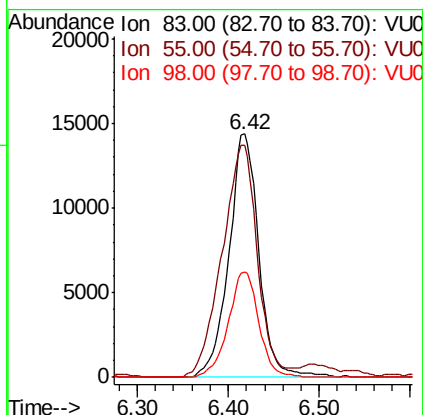
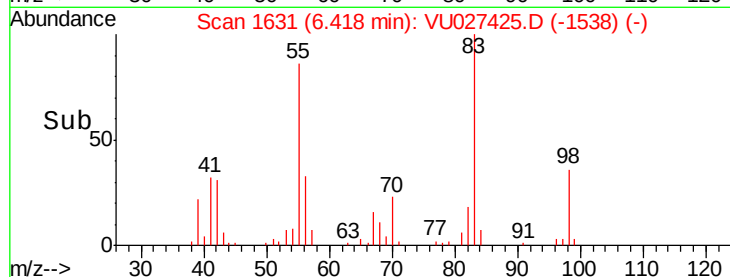
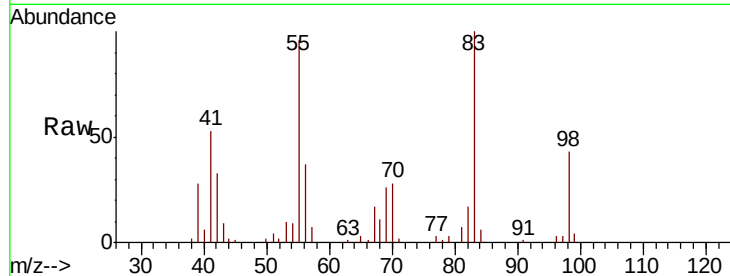




#39
Methylcyclohexane
Concen: 13.247 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027425.D
Acq: 04 Oct 2018 21:57

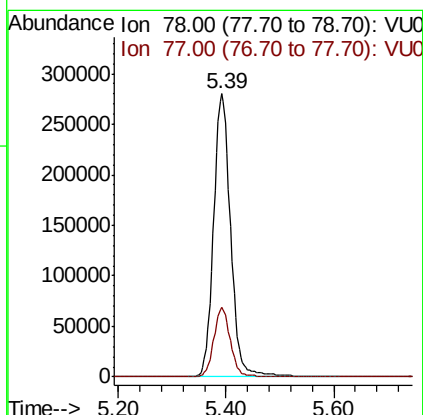
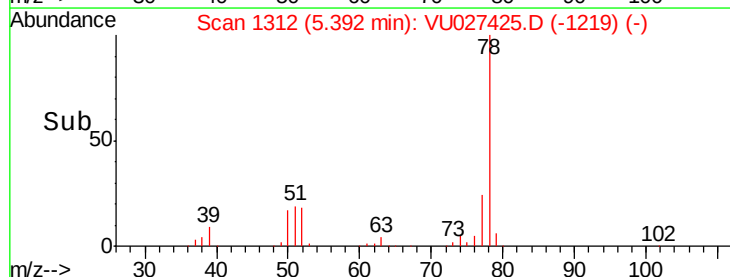
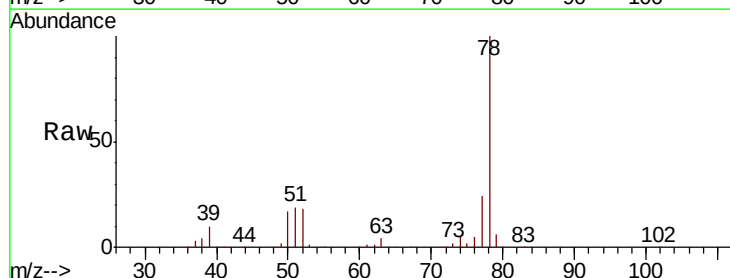
Instrument :
MSVOA_U
ClientSampleId :
MW-3

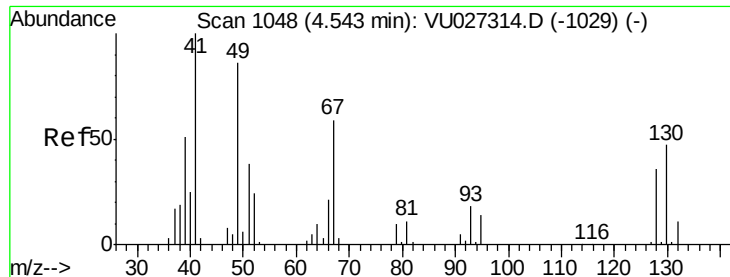
Tgt Ion: 83 Resp: 33030
Ion Ratio Lower Upper
83 100
55 94.0 71.1 106.7
98 43.4 36.3 54.5



#40
Benzene
Concen: 99.287 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027425.D
Acq: 04 Oct 2018 21:57

Tgt Ion: 78 Resp: 616901
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9





#41

Methacrylonitrile

Concen: 0.596 ug/l

RT: 4.59 min Scan# 1063

Delta R.T. 0.05 min

Lab File: VU027425.D

Acq: 04 Oct 2018 21:57

Instrument :

MSVOA_U

ClientSampleId :

MW-3

Tgt Ion: 41 Resp: 929

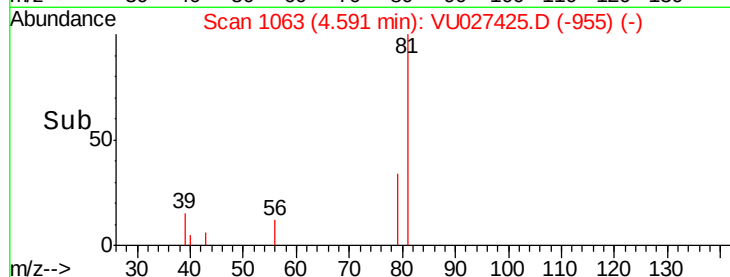
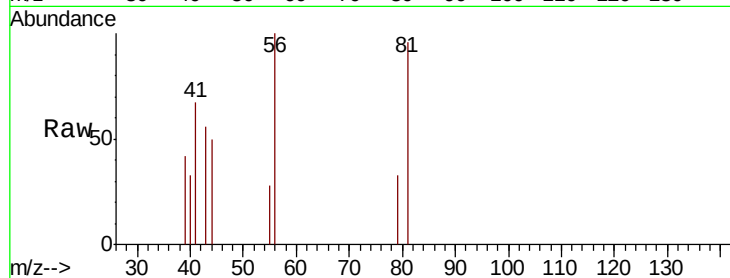
Ion Ratio Lower Upper

41 100

39 28.5 41.1 61.7#

67 0.0 50.4 75.6#

52 0.0 20.3 30.5#

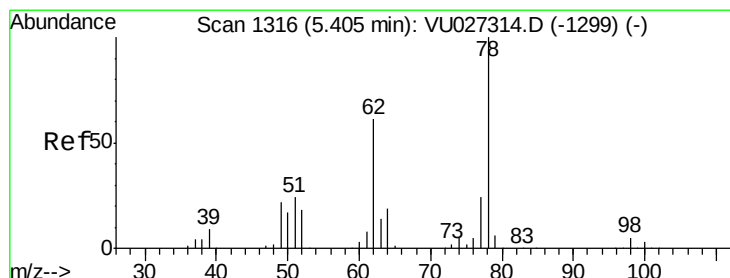
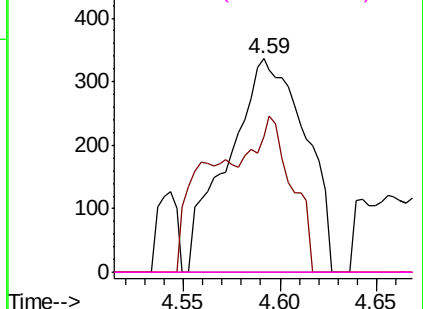


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42

1,2-Dichloroethane

Concen: 2.271 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. -0.01 min

Lab File: VU027425.D

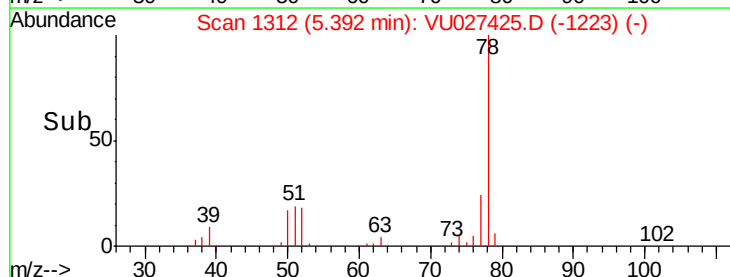
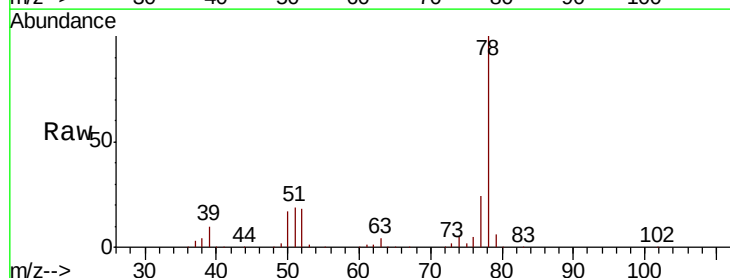
Acq: 04 Oct 2018 21:57

Tgt Ion: 62 Resp: 5237

Ion Ratio Lower Upper

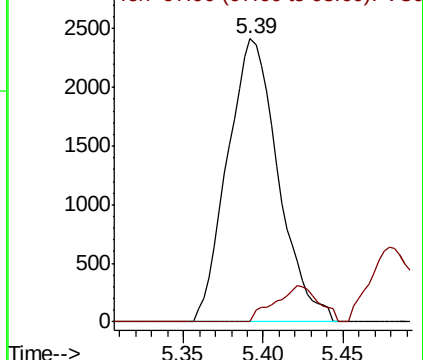
62 100

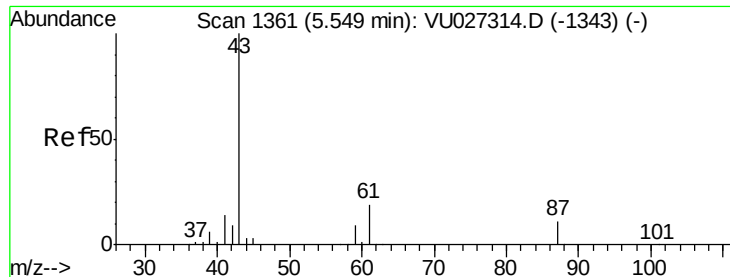
98 0.0 0.0 16.8



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 1.449 ug/l

RT: 5.54 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VU027425.D

Acq: 04 Oct 2018 21:57

Instrument :

MSVOA_U

ClientSampled :

MW-3

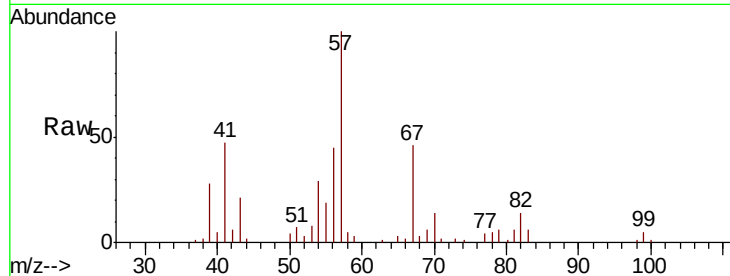
Tgt Ion: 43 Resp: 6206

Ion Ratio Lower Upper

43 100

61 0.0 15.3 22.9#

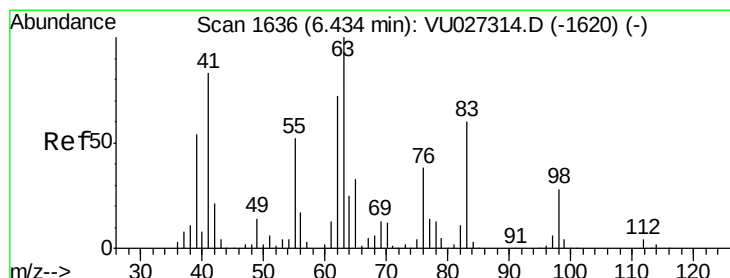
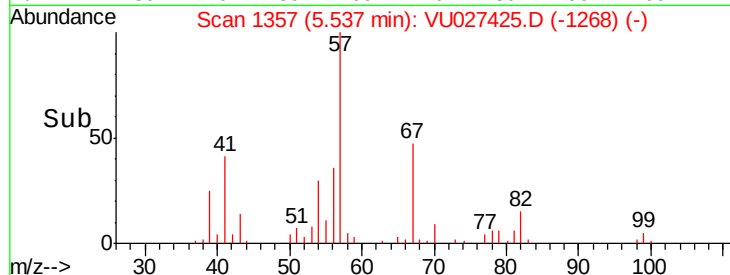
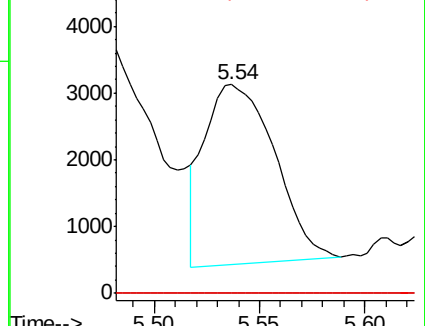
87 0.0 8.6 13.0#



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: 0.264 ug/l

RT: 6.40 min Scan# 1627

Delta R.T. -0.03 min

Lab File: VU027425.D

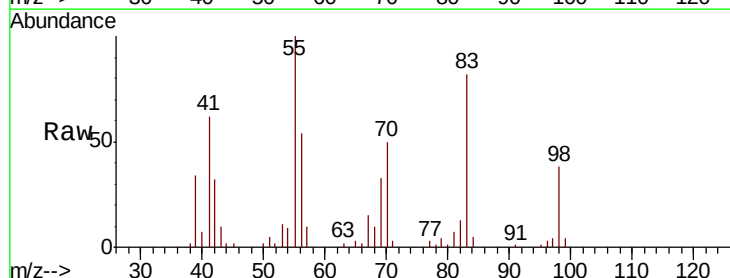
Acq: 04 Oct 2018 21:57

Tgt Ion: 63 Resp: 474

Ion Ratio Lower Upper

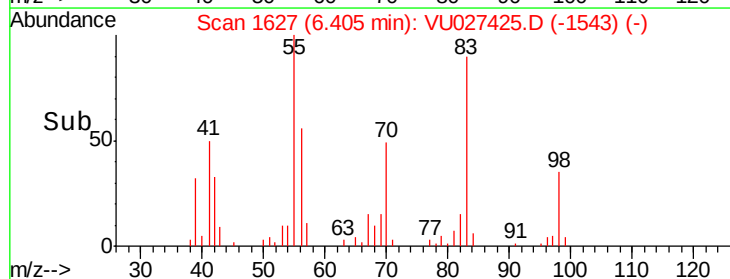
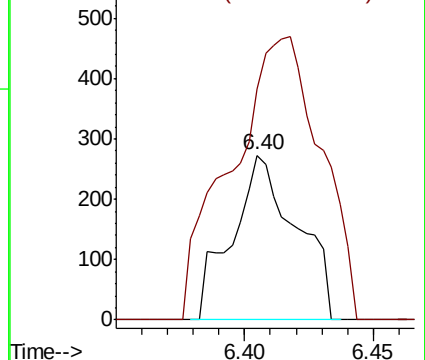
63 100

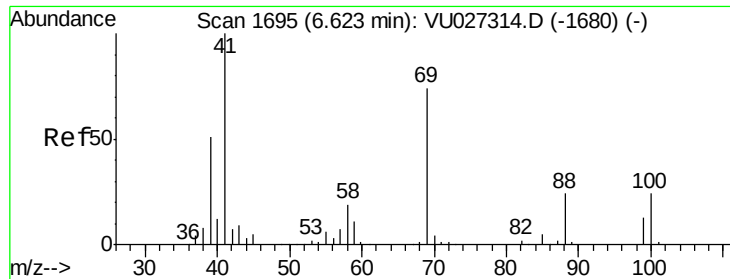
65 91.2 26.0 39.0#



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0

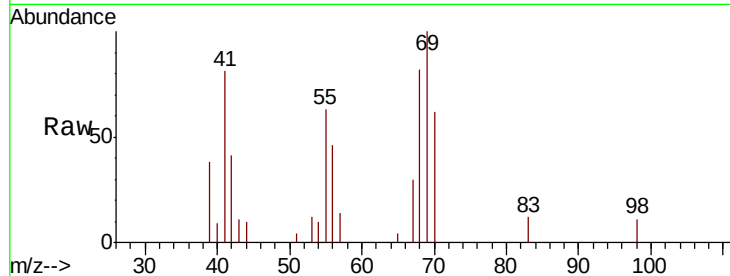




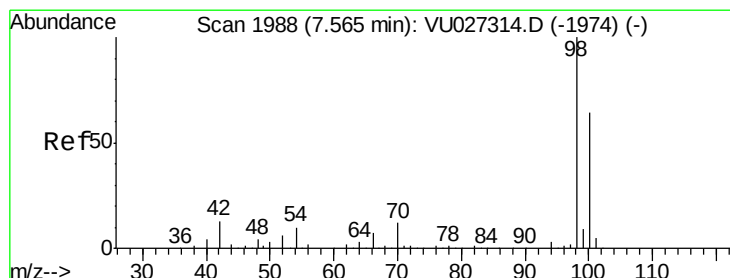
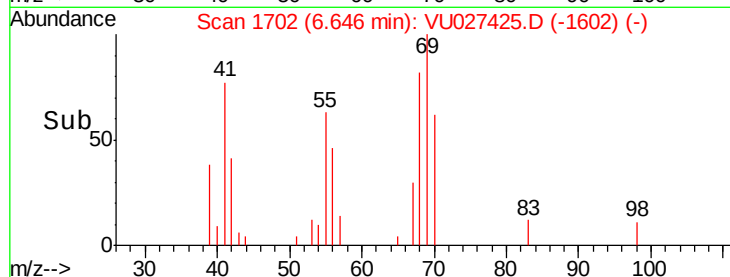
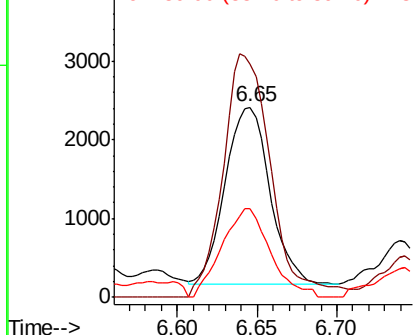
#48
Methyl methacrylate
Concen: 2.029 ug/l
RT: 6.65 min Scan# 1702
Delta R.T. 0.02 min
Lab File: VU027425.D
Acq: 04 Oct 2018 21:57

Instrument :
MSVOA_U
ClientSampleId :
MW-3

Tgt Ion: 41 Resp: 4321
Ion Ratio Lower Upper
41 100
69 146.7 61.0 91.4#
39 54.2 39.9 59.9

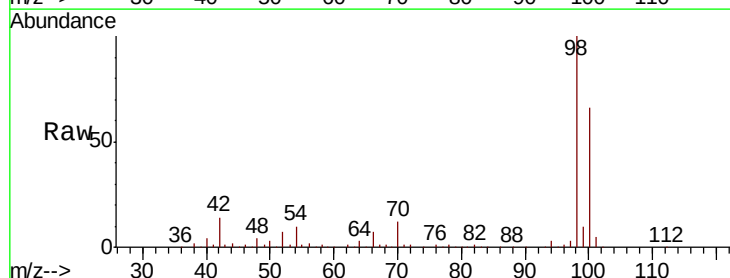


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 39.00 (38.70 to 39.70): VU0

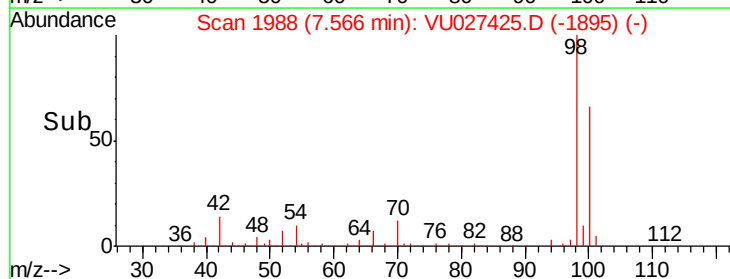
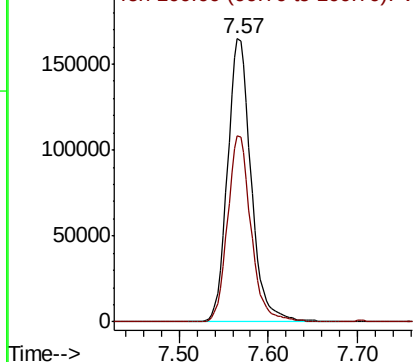


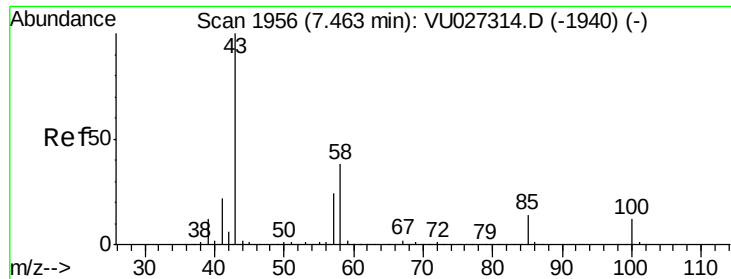
#50
Toluene-d8
Concen: 59.780 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027425.D
Acq: 04 Oct 2018 21:57

Tgt Ion: 98 Resp: 301232
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1



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: 1.262 ug/l

RT: 7.47 min Scan# 1957

Delta R.T. 0.00 min

Lab File: VU027425.D

Acq: 04 Oct 2018 21:57

Instrument :

MSVOA_U

ClientSampled :

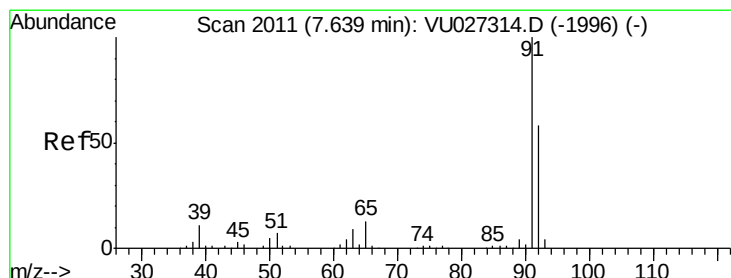
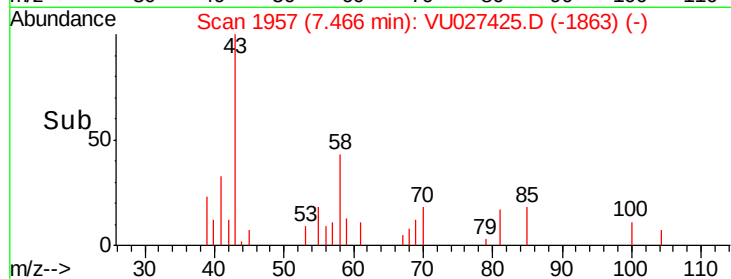
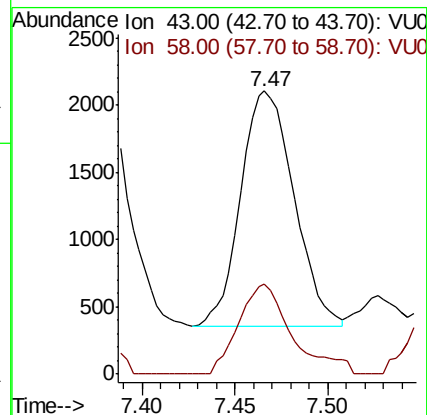
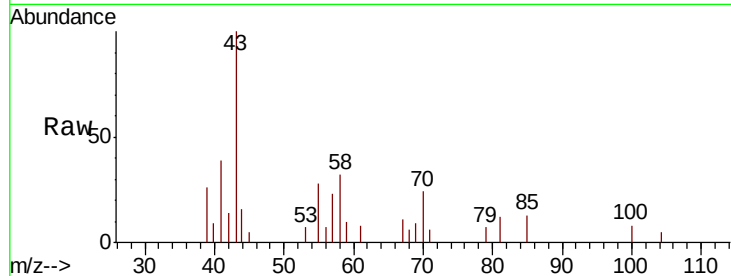
MW-3

Tgt Ion: 43 Resp: 3511

Ion Ratio Lower Upper

43 100

58 38.2 29.8 44.8



#52

Toluene

Concen: 11.154 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027425.D

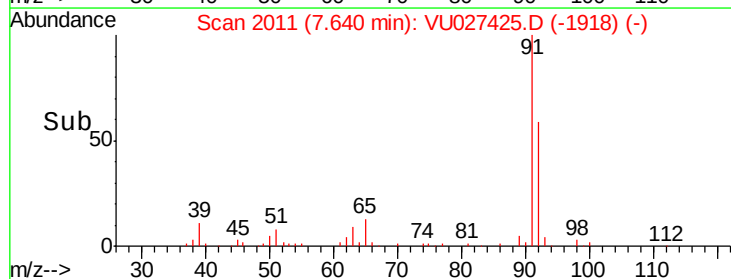
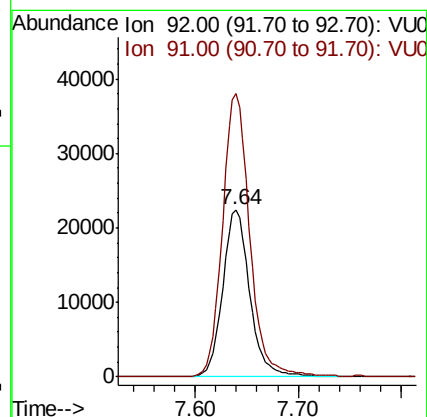
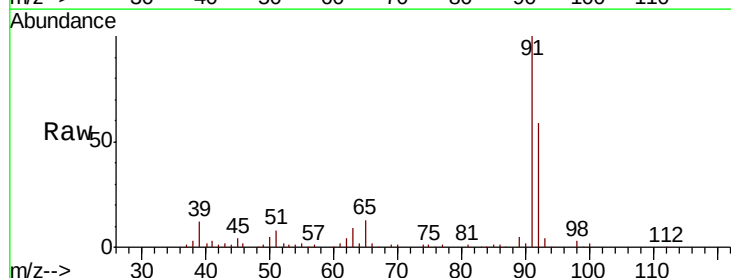
Acq: 04 Oct 2018 21:57

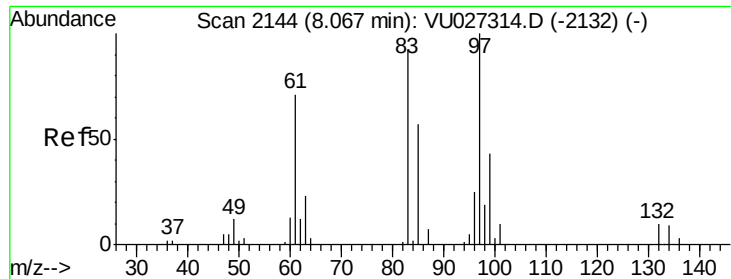
Tgt Ion: 92 Resp: 41019

Ion Ratio Lower Upper

92 100

91 171.0 138.6 208.0

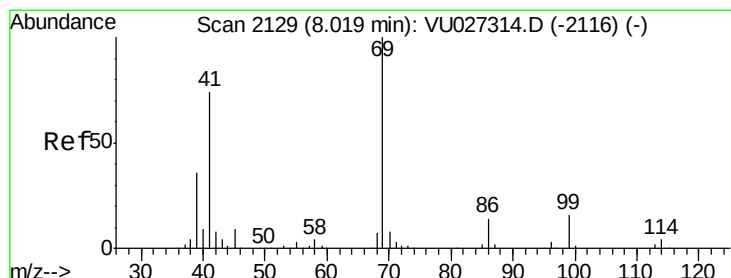
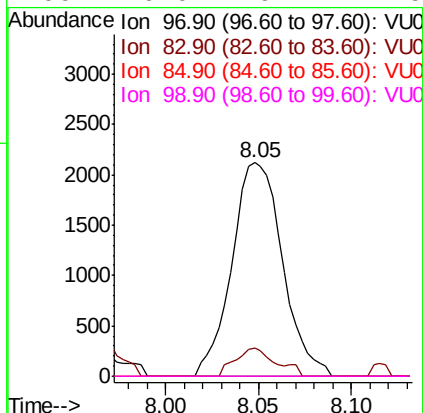
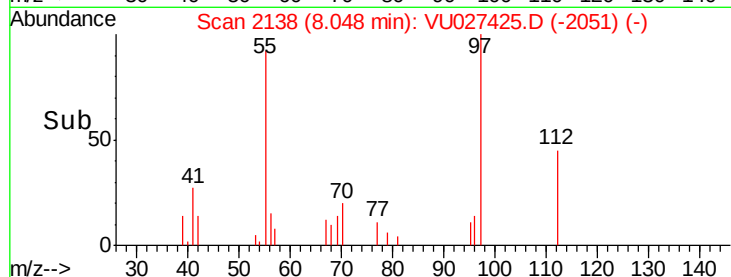
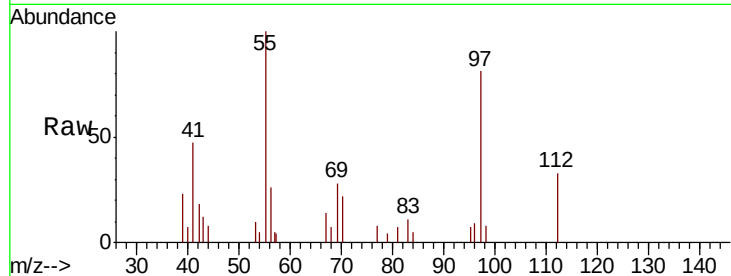




#55
1,1,2-Trichloroethane
Concen: 2.767 ug/l
RT: 8.05 min Scan# 2138
Delta R.T. -0.02 min
Lab File: VU027425.D
Acq: 04 Oct 2018 21:57

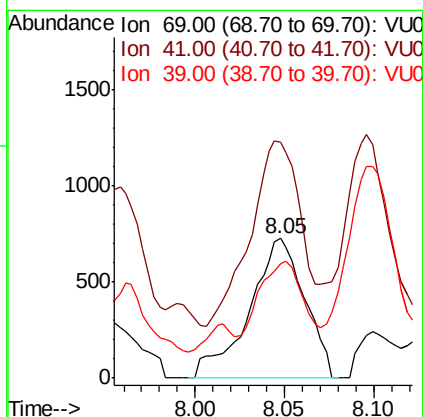
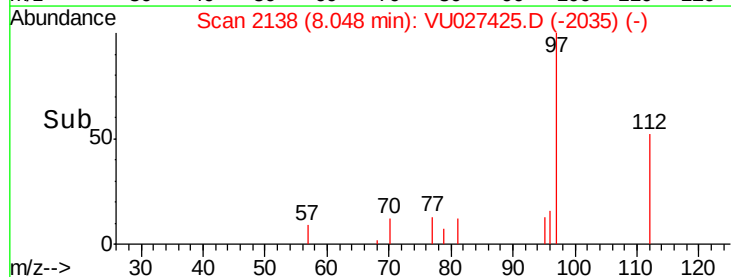
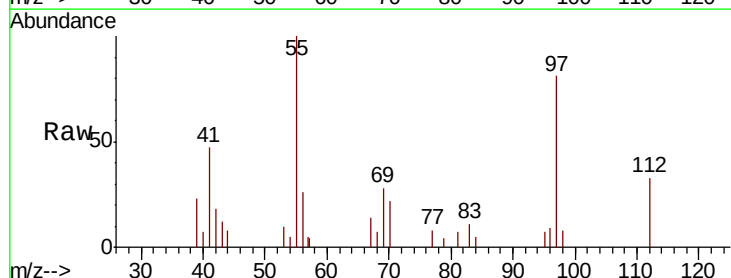
Instrument :
MSVOA_U
ClientSampleId :
MW-3

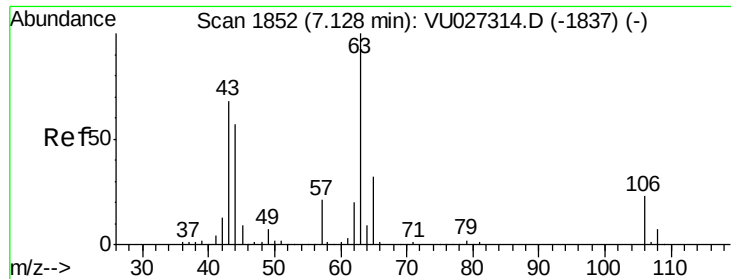
Tgt Ion: 97 Resp: 4035
Ion Ratio Lower Upper
97 100
83 13.1 73.0 109.6#
85 0.0 47.3 70.9#
99 0.0 49.7 74.5#



#56
Ethyl methacrylate
Concen: 2.807 ug/l
RT: 8.05 min Scan# 2138
Delta R.T. 0.03 min
Lab File: VU027425.D
Acq: 04 Oct 2018 21:57

Tgt Ion: 69 Resp: 1567
Ion Ratio Lower Upper
69 100
41 126.7 60.0 90.0#
39 53.7 29.5 44.3#

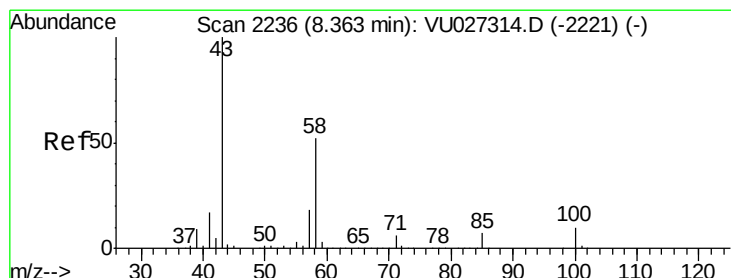
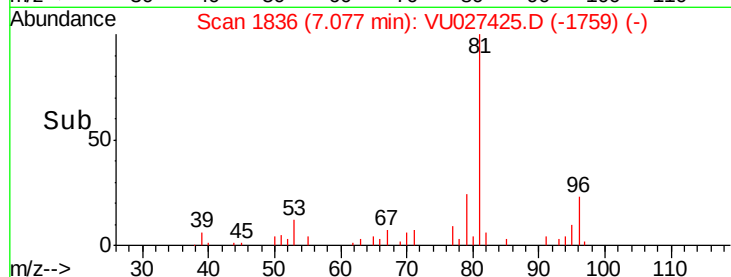
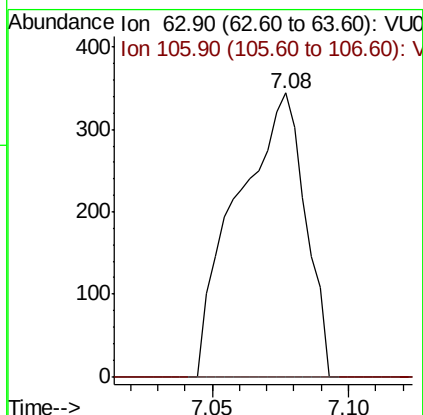
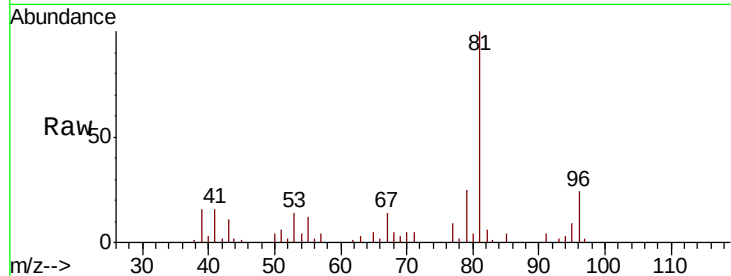




#58
 2-Chloroethyl Vinyl ether
 Concen: 8.606 ug/l
 RT: 7.08 min Scan# 1836
 Delta R.T. -0.05 min
 Lab File: VU027425.D
 Acq: 04 Oct 2018 21:57

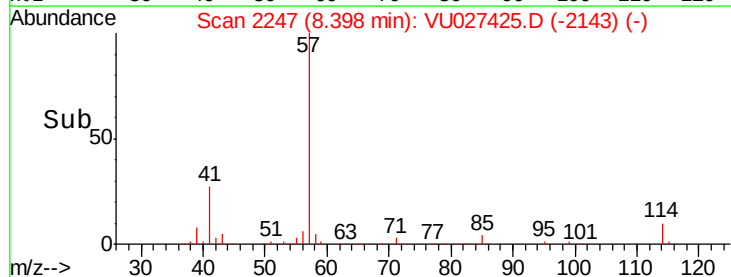
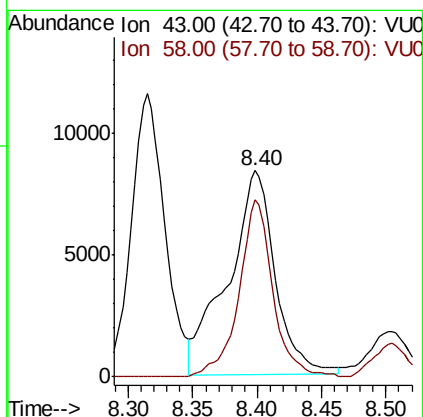
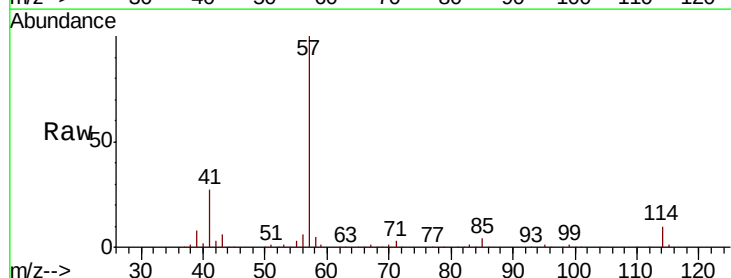
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3

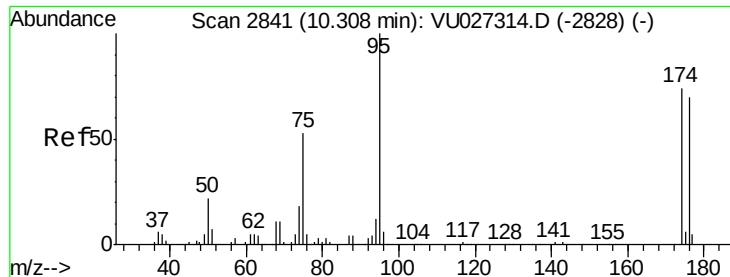
Tgt Ion: 63 Resp: 595
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.5 27.7#



#59
 2-Hexanone
 Concen: 9.860 ug/l
 RT: 8.40 min Scan# 2247
 Delta R.T. 0.04 min
 Lab File: VU027425.D
 Acq: 04 Oct 2018 21:57

Tgt Ion: 43 Resp: 21281
 Ion Ratio Lower Upper
 43 100
 58 62.5 26.1 78.3

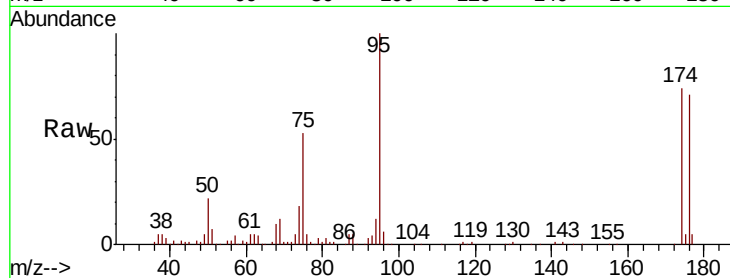




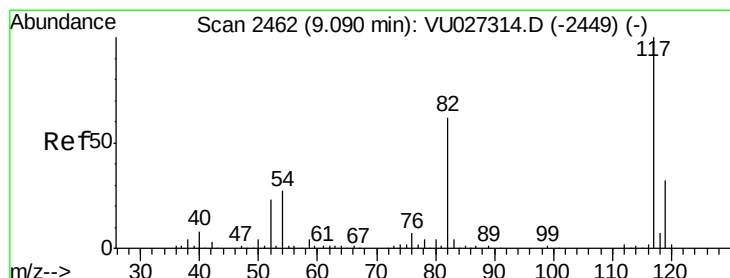
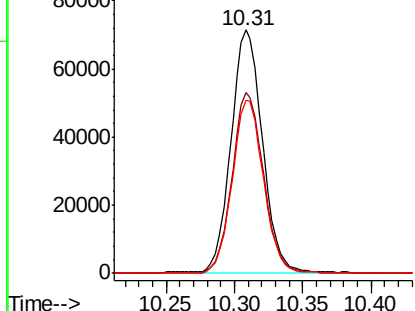
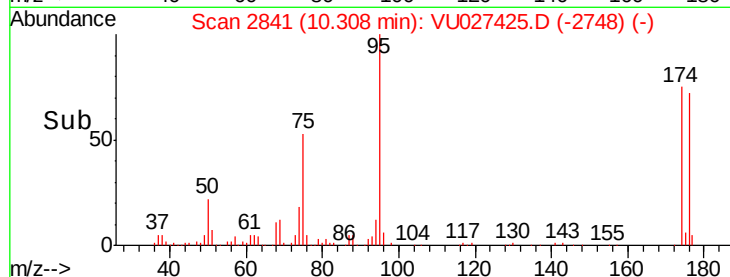
#62
4-Bromofluorobenzene
Concen: 60.315 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027425.D
Acq: 04 Oct 2018 21:57

Instrument :
MSVOA_U
ClientSampleId :
MW-3

Tgt Ion: 95 Resp: 112952
Ion Ratio Lower Upper
95 100
174 75.0 0.0 147.8
176 71.7 0.0 140.8

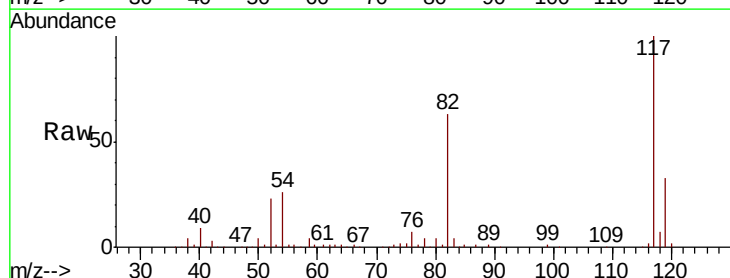


Abundance Ion 94.90 (94.60 to 95.60): VU0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

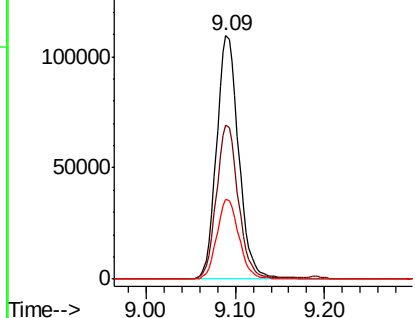
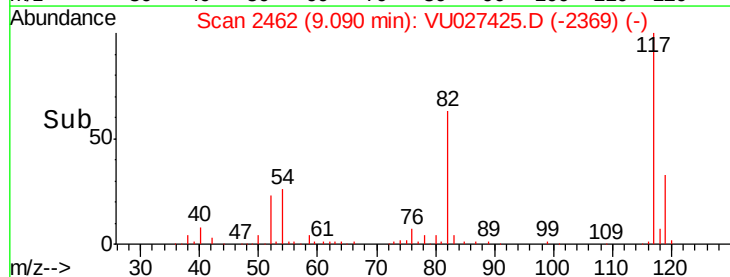


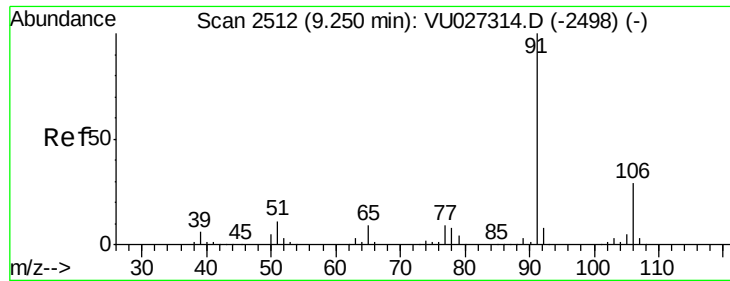
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027425.D
Acq: 04 Oct 2018 21:57

Tgt Ion: 117 Resp: 188644
Ion Ratio Lower Upper
117 100
82 63.1 49.2 73.8
119 32.6 25.7 38.5



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

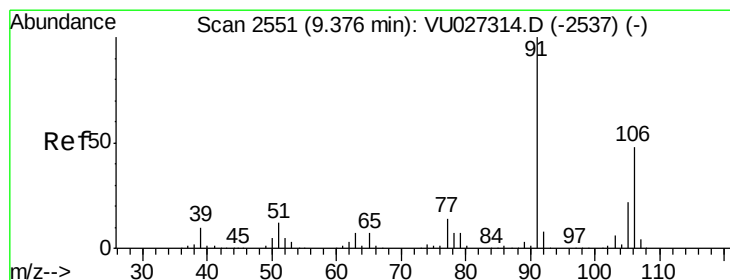
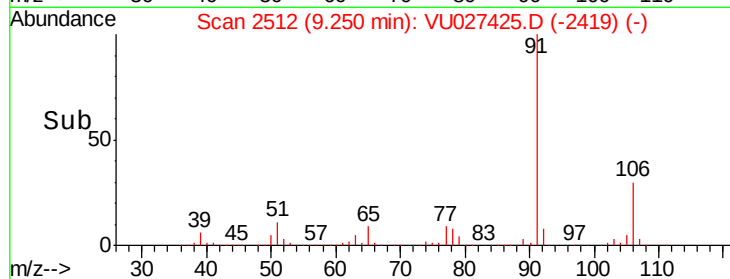
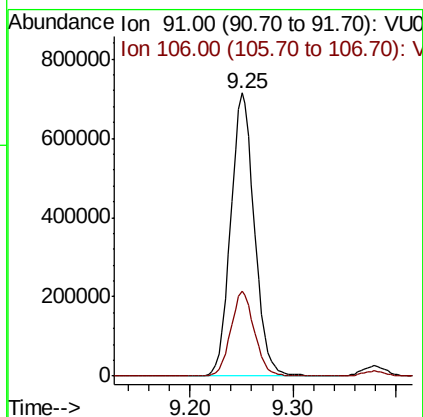
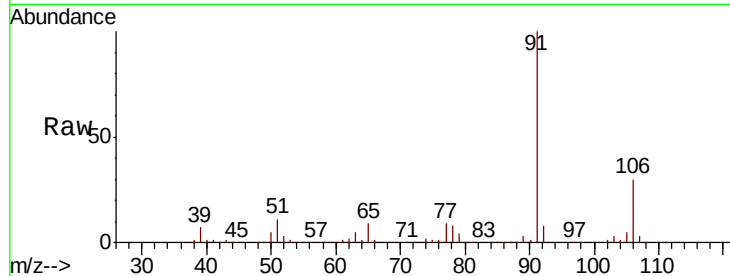




#67
Ethyl Benzene
Concen: 162.781 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027425.D
Acq: 04 Oct 2018 21:57

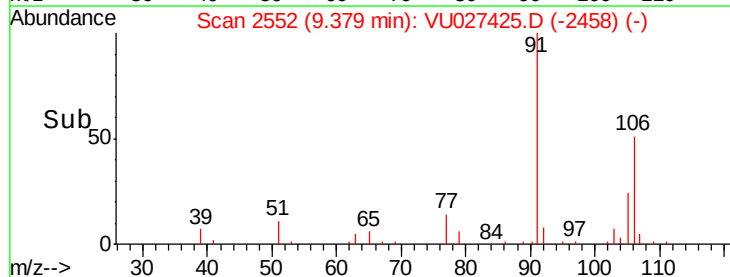
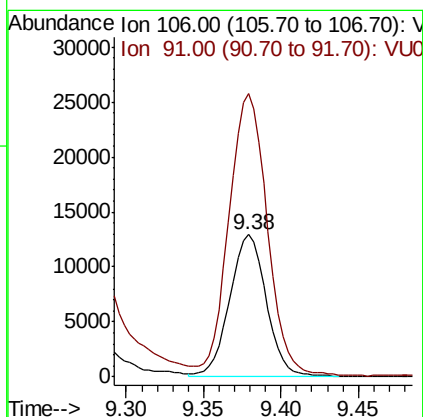
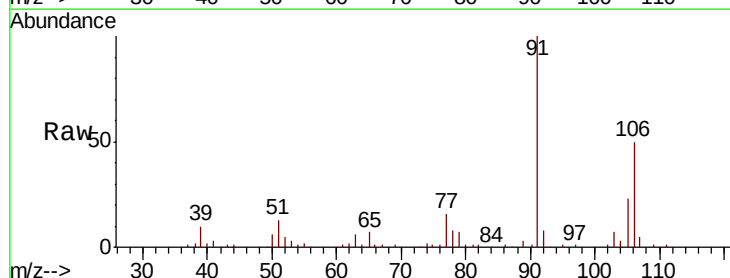
Instrument :
MSVOA_U
ClientSampleId :
MW-3

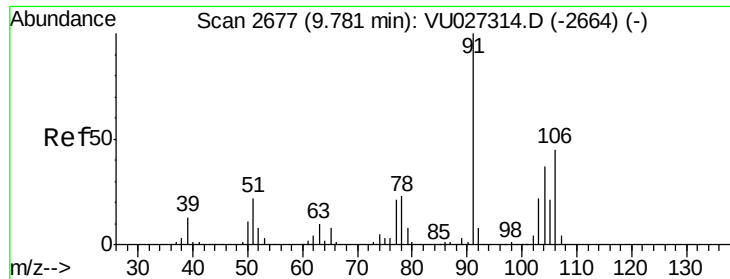
Tgt Ion: 91 Resp: 1145193
Ion Ratio Lower Upper
91 100
106 29.8 23.6 35.4



#68
m/p-Xylenes
Concen: 8.316 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027425.D
Acq: 04 Oct 2018 21:57

Tgt Ion: 106 Resp: 21400
Ion Ratio Lower Upper
106 100
91 206.9 168.1 252.1

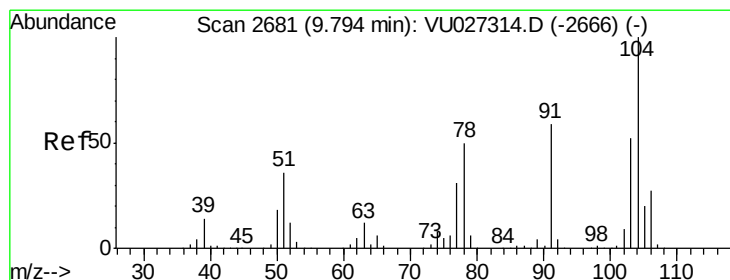
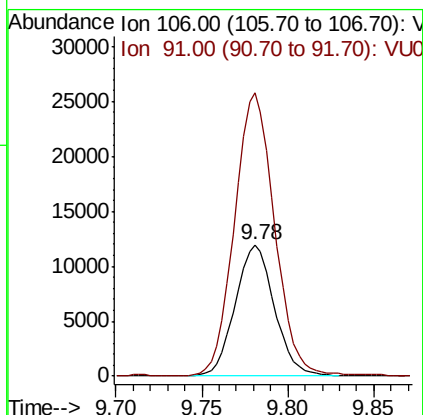
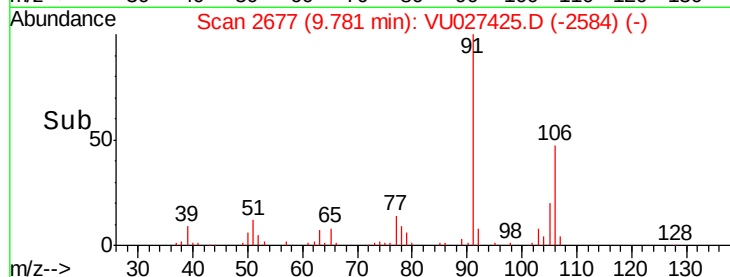
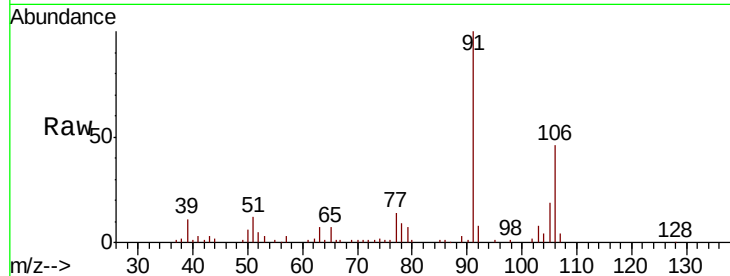




#69
o-Xylene
Concen: 7.722 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027425.D
Acq: 04 Oct 2018 21:57

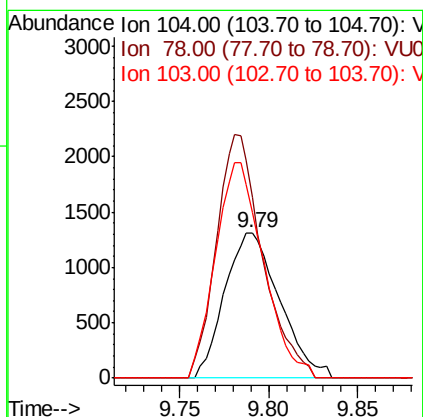
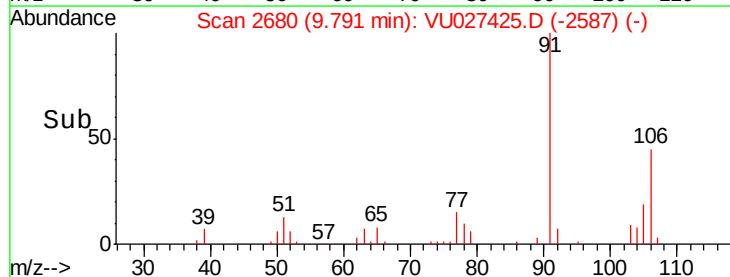
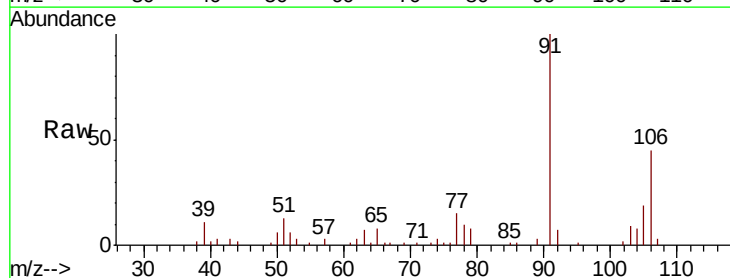
Instrument :
MSVOA_U
ClientSampleId :
MW-3

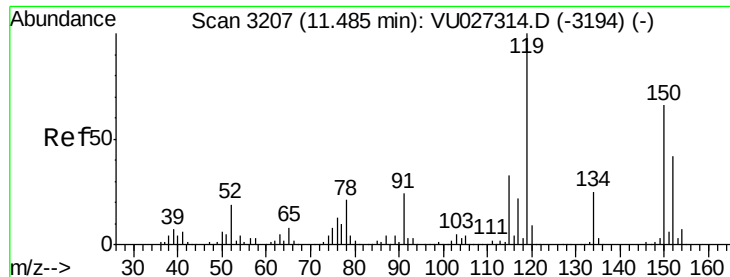
Tgt Ion:106 Resp: 18884
Ion Ratio Lower Upper
106 100
91 221.7 111.7 334.9



#70
Styrene
Concen: 2.884 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. -0.00 min
Lab File: VU027425.D
Acq: 04 Oct 2018 21:57

Tgt Ion:104 Resp: 2804
Ion Ratio Lower Upper
104 100
78 140.0 42.9 64.3#
103 129.7 43.9 65.9#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027425.D

Acq: 04 Oct 2018 21:57

Instrument :

MSVOA_U

ClientSampleId :

MW-3

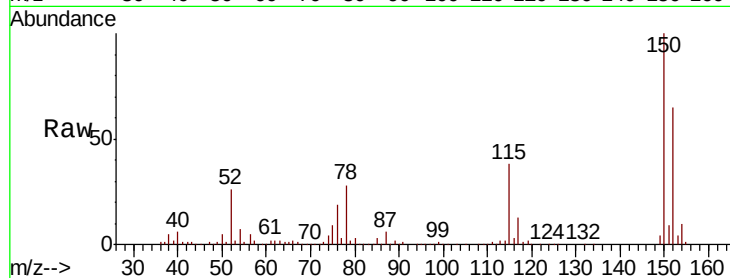
Tgt Ion:152 Resp: 107775

Ion Ratio Lower Upper

152 100

115 59.8 43.4 130.2

150 155.5 0.0 349.2

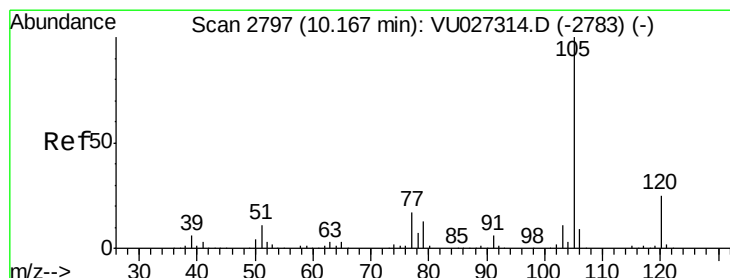
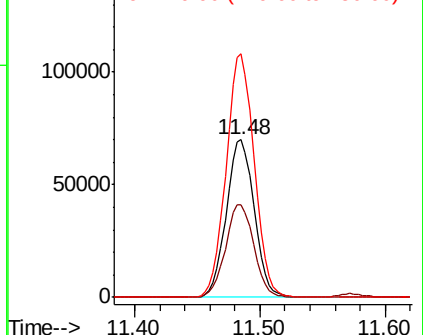
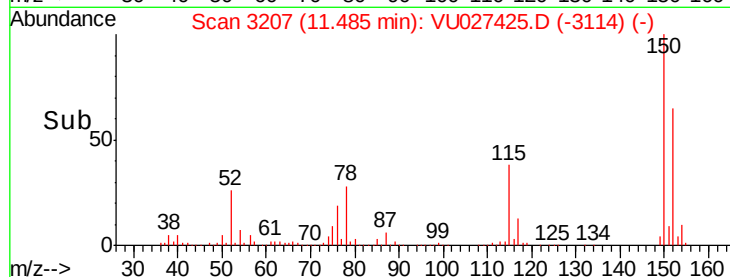


Abundance

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



#73

Isopropylbenzene

Concen: 6.419 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027425.D

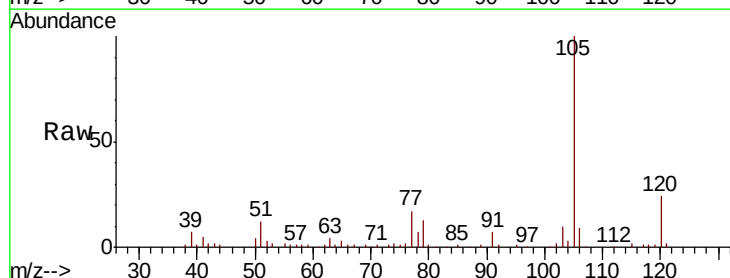
Acq: 04 Oct 2018 21:57

Tgt Ion:105 Resp: 50247

Ion Ratio Lower Upper

105 100

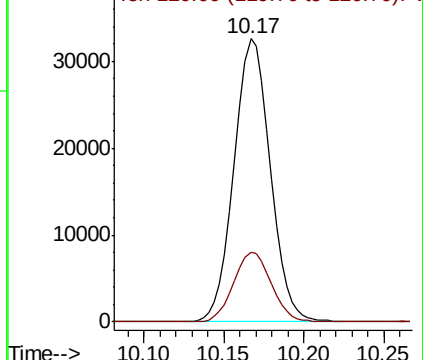
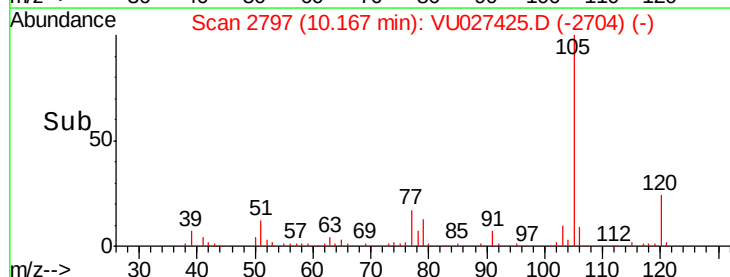
120 25.4 12.6 37.8

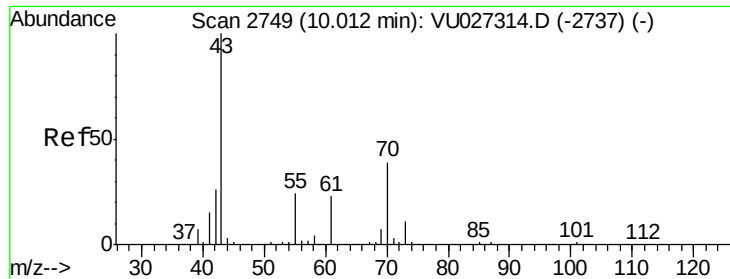


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 0.360 ug/l

RT: 10.03 min Scan# 2753

Delta R.T. 0.01 min

Lab File: VU027425.D

Acq: 04 Oct 2018 21:57

Instrument :

MSVOA_U

ClientSampleId :

MW-3

Tgt Ion: 43 Resp: 1615

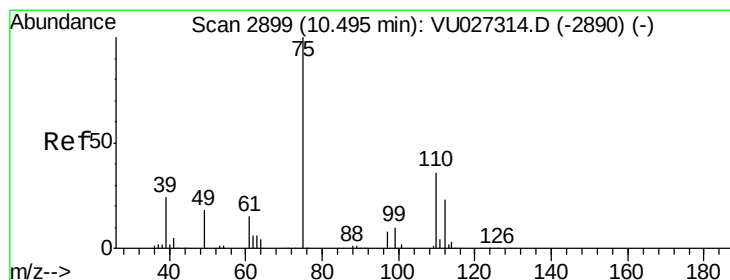
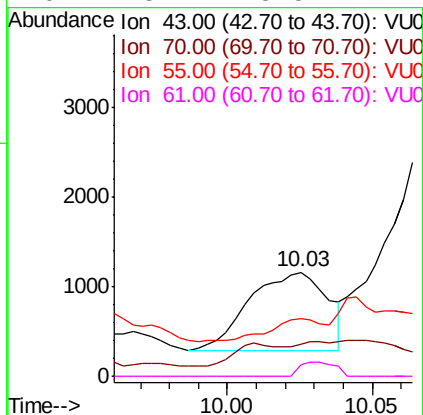
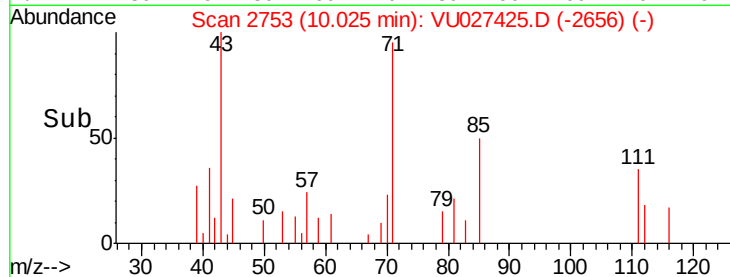
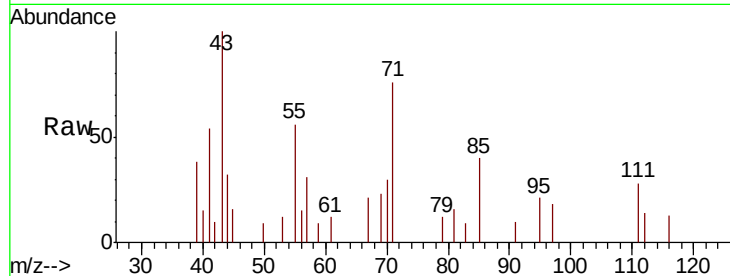
Ion Ratio Lower Upper

43 100

70 13.5 31.3 46.9#

55 11.5 19.0 28.6#

61 8.4 18.5 27.7#



#76

1,2,3-Trichloropropane

Concen: 21.486 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027425.D

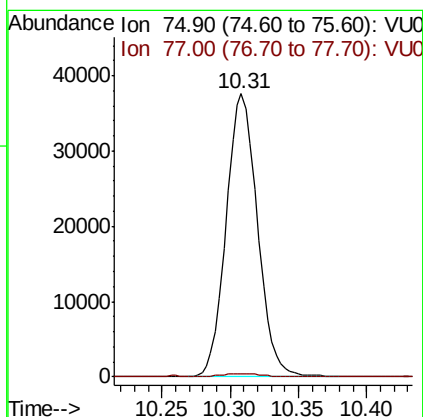
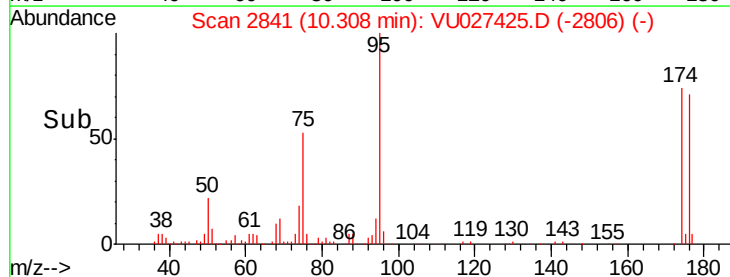
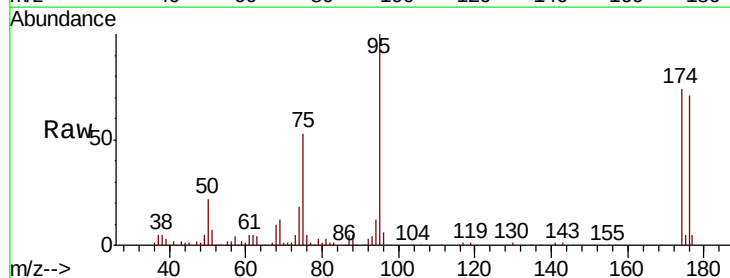
Acq: 04 Oct 2018 21:57

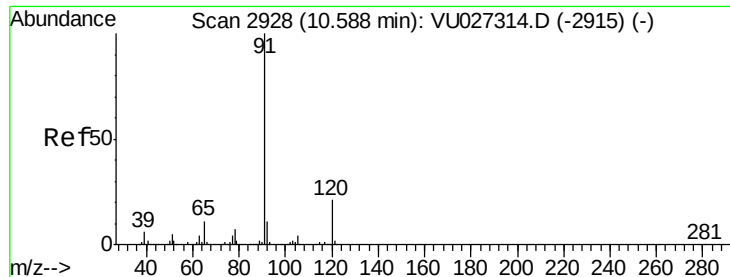
Tgt Ion: 75 Resp: 60026

Ion Ratio Lower Upper

75 100

77 1.5 20.3 60.9#

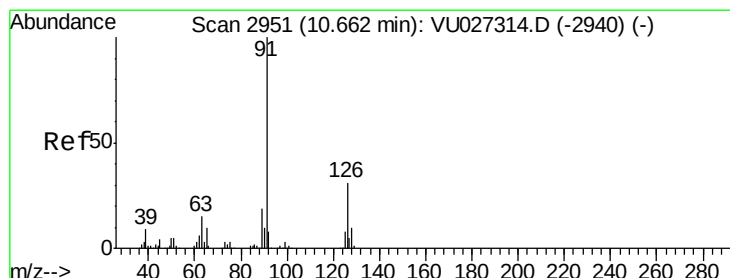
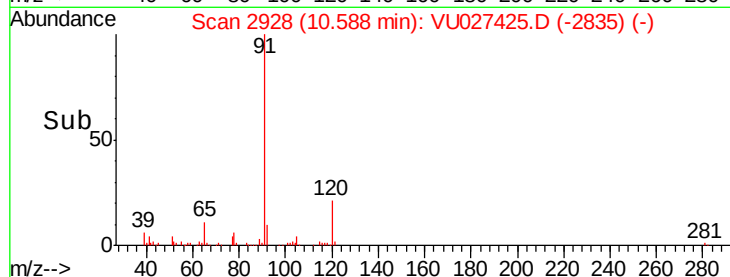
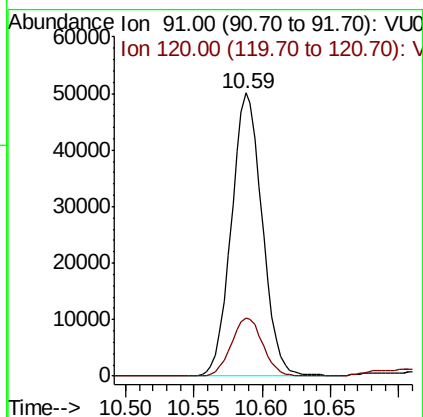
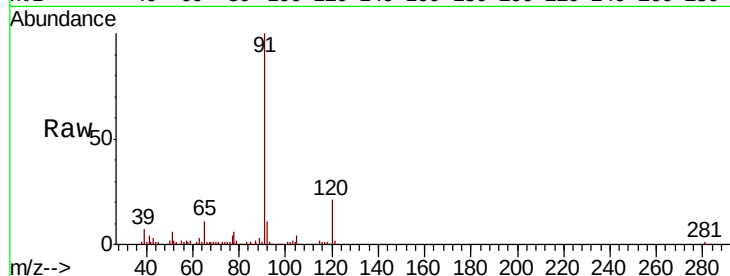




#78
n-propylbenzene
Concen: 8.362 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. 0.00 min
Lab File: VU027425.D
Acq: 04 Oct 2018 21:57

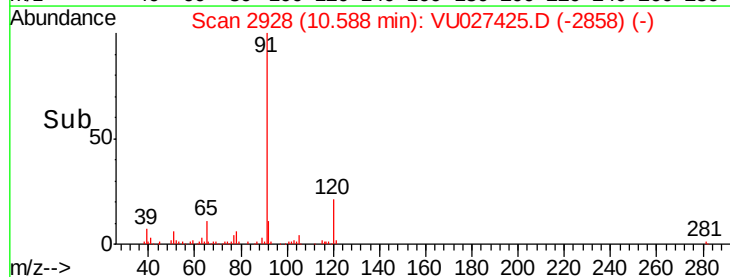
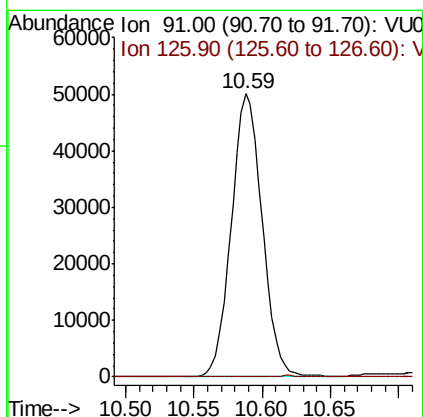
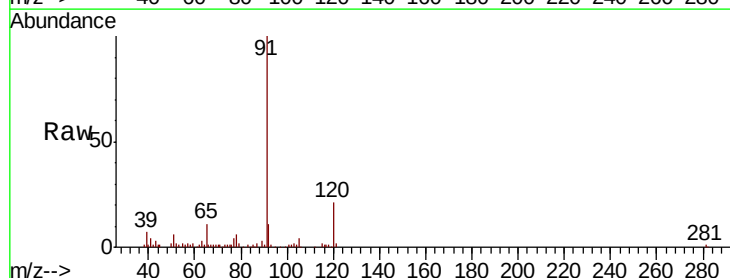
Instrument :
MSVOA_U
ClientSampled :
MW-3

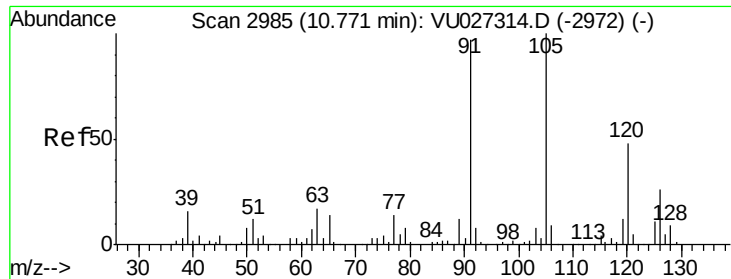
Tgt Ion: 91 Resp: 78651
Ion Ratio Lower Upper
91 100
120 20.9 10.6 31.8



#79
2-Chlorotoluene
Concen: 13.849 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. -0.07 min
Lab File: VU027425.D
Acq: 04 Oct 2018 21:57

Tgt Ion: 91 Resp: 78651
Ion Ratio Lower Upper
91 100
126 0.1 15.7 47.1#

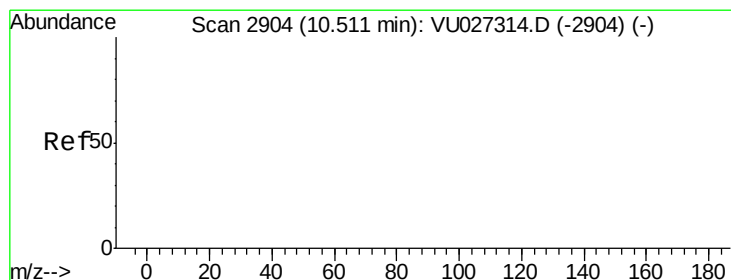
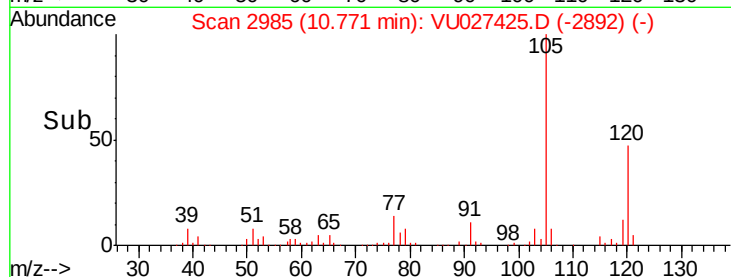
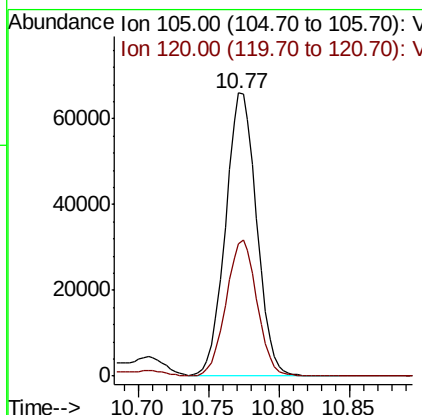
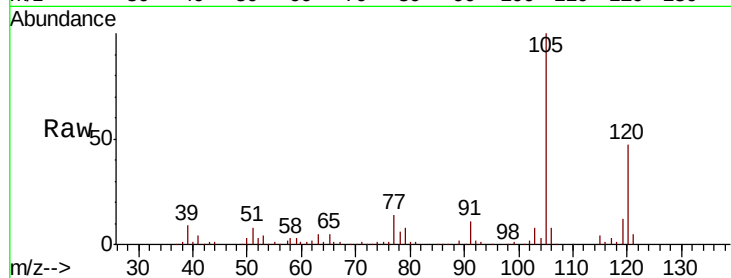




#80
 1,3,5-Trimethylbenzene
 Concen: 15.995 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. 0.00 min
 Lab File: VU027425.D
 Acq: 04 Oct 2018 21:57

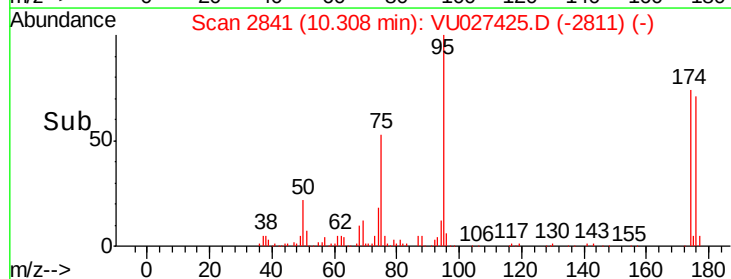
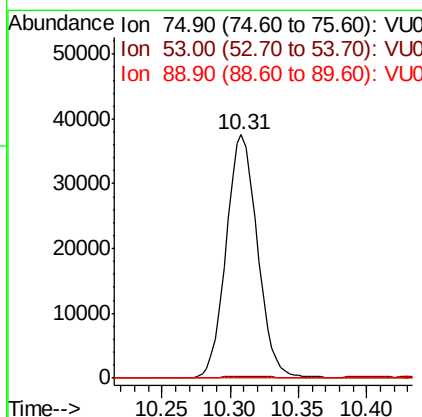
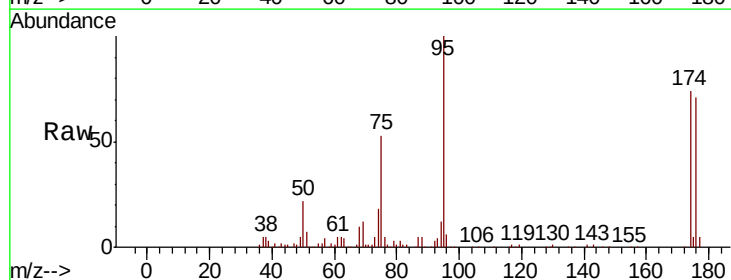
Instrument :
 MSVOA_U
 ClientSampled :
 MW-3

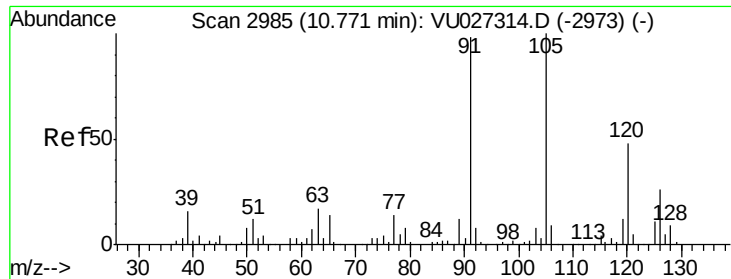
Tgt Ion: 105 Resp: 101936
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.1 72.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.230 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.20 min
 Lab File: VU027425.D
 Acq: 04 Oct 2018 21:57

Tgt Ion: 75 Resp: 60026
 Ion Ratio Lower Upper
 75 100
 53 1.1 0.0 0.0#
 89 0.1 0.0 0.0#





#82

4-Chlorotoluene

Concen: 1.778 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027425.D

Acq: 04 Oct 2018 21:57

Instrument :

MSVOA_U

ClientSampled :

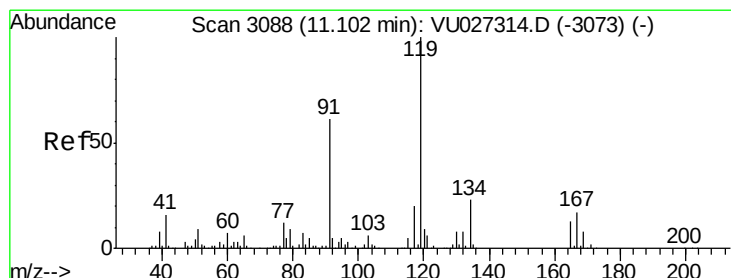
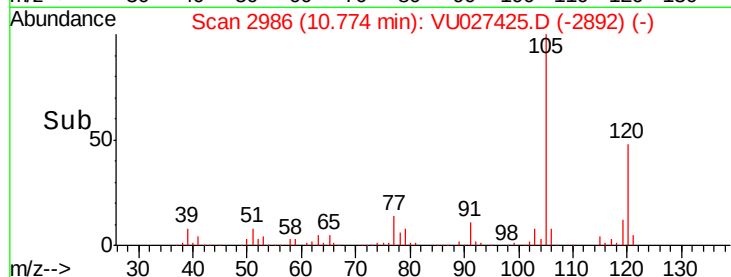
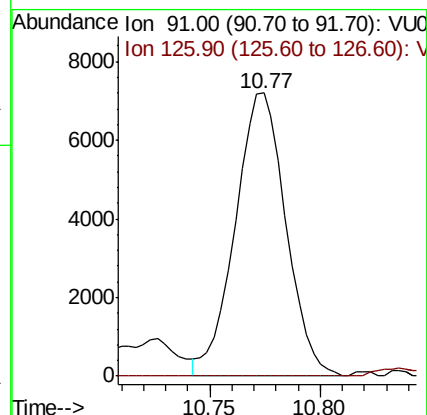
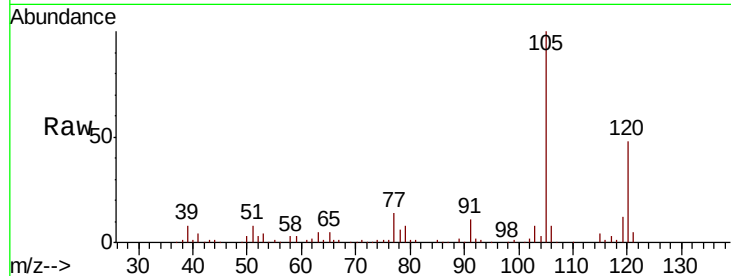
MW-3

Tgt Ion: 91 Resp: 11460

Ion Ratio Lower Upper

91 100

126 0.0 13.6 40.8#



#83

tert-Butylbenzene

Concen: 19.436 ug/l

RT: 11.15 min Scan# 3103

Delta R.T. 0.05 min

Lab File: VU027425.D

Acq: 04 Oct 2018 21:57

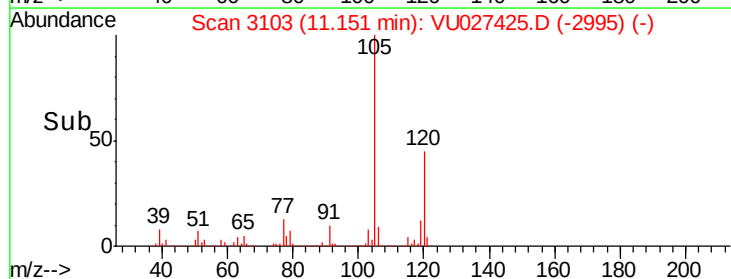
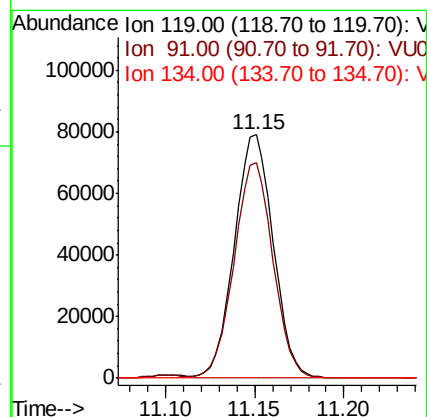
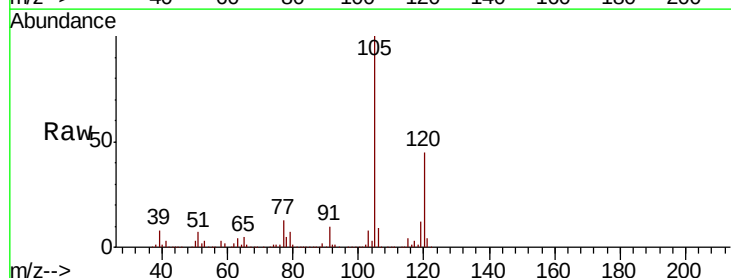
Tgt Ion: 119 Resp: 119743

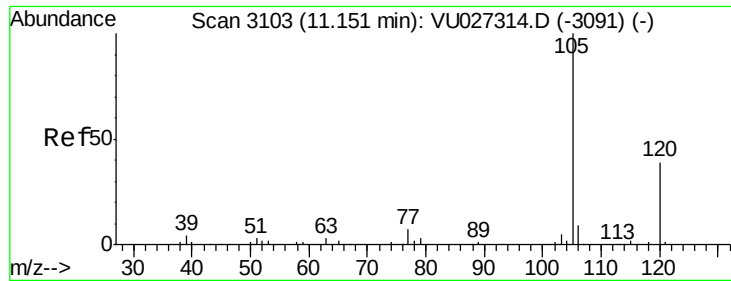
Ion Ratio Lower Upper

119 100

91 87.6 30.3 91.0

134 0.0 11.5 34.4#

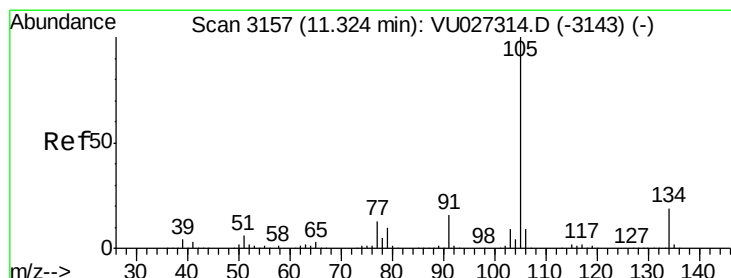
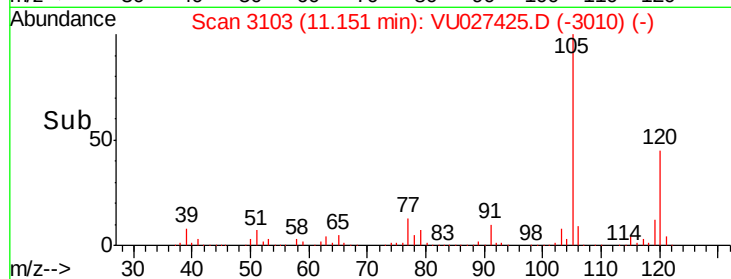
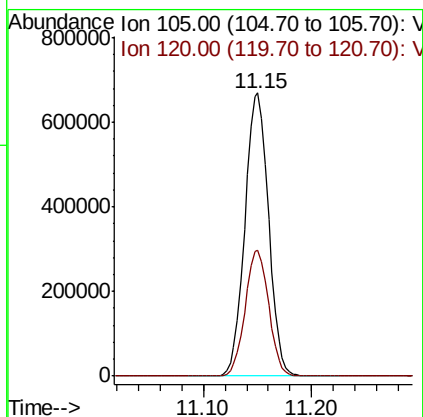
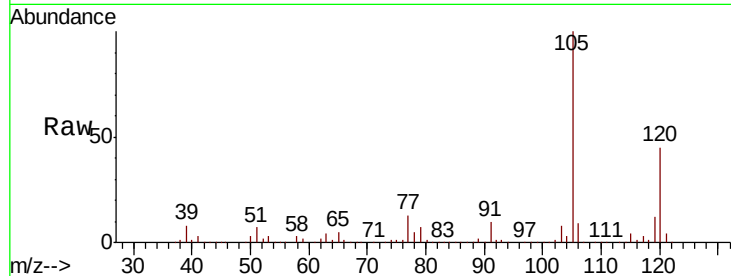




#84
 1,2,4-Trimethylbenzene
 Concen: 156.093 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027425.D
 Acq: 04 Oct 2018 21:57

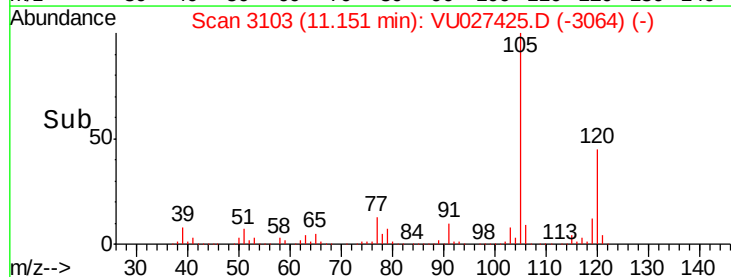
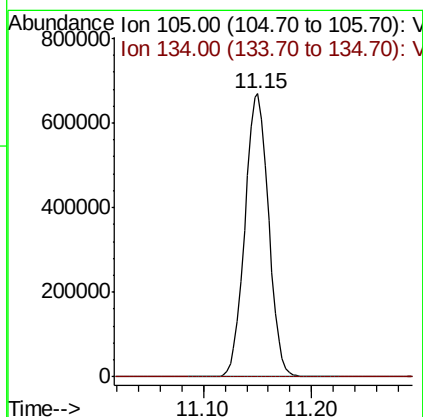
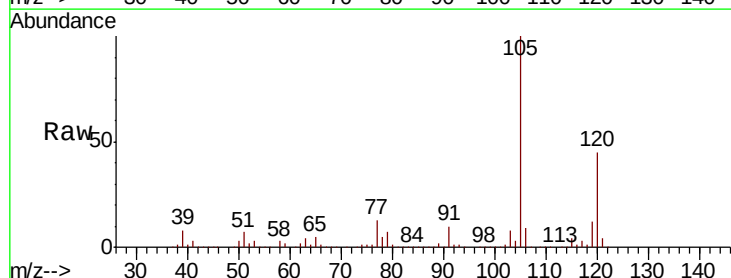
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3

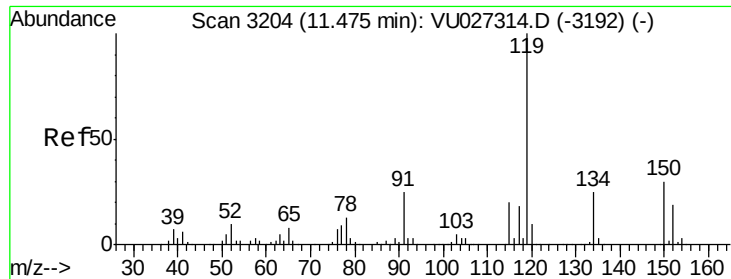
Tgt Ion:105 Resp: 1016131
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 130.903 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.17 min
 Lab File: VU027425.D
 Acq: 04 Oct 2018 21:57

Tgt Ion:105 Resp: 1016131
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.6#

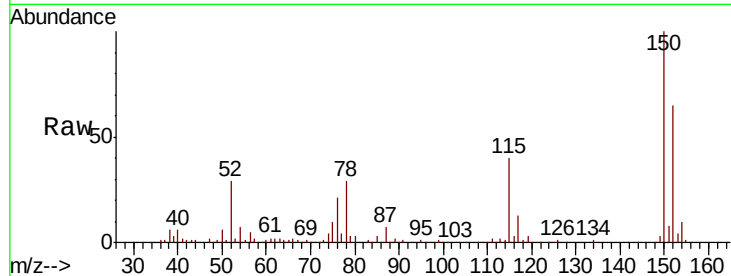




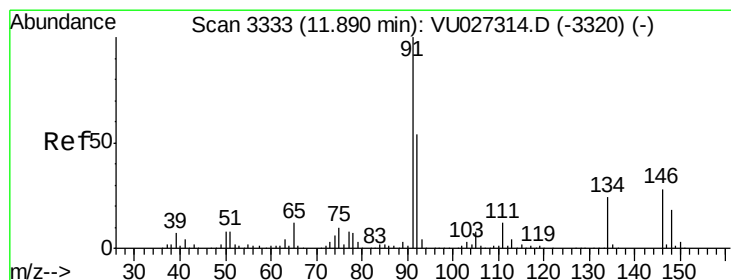
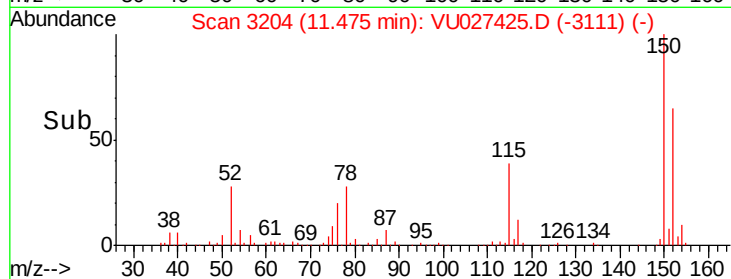
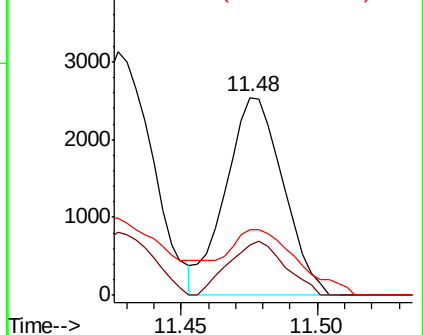
#86
 p-Isopropyltoluene
 Concen: 0.561 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU027425.D
 Acq: 04 Oct 2018 21:57

Instrument :
 MSVOA_U
 ClientSampled :
 MW-3

Tgt Ion: 119 Resp: 3728
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.7 38.1
 91 0.0 12.2 36.4#

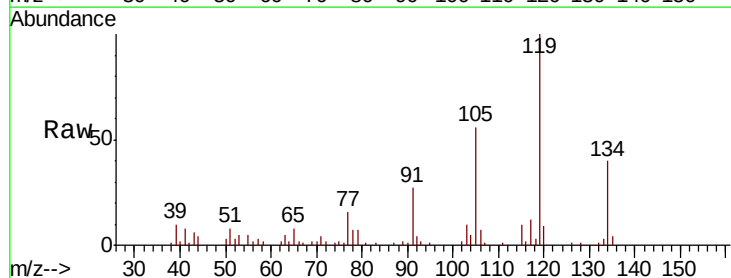


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

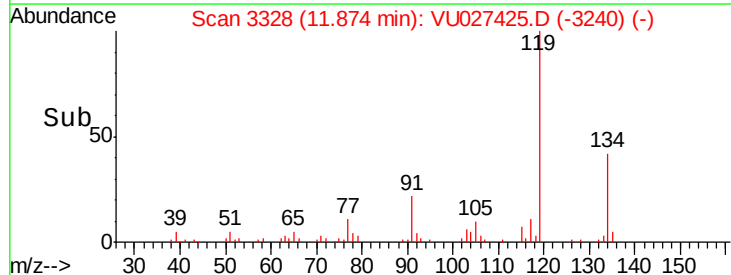
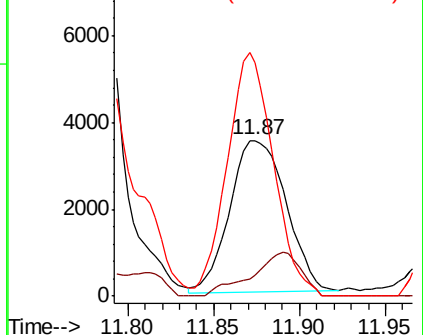


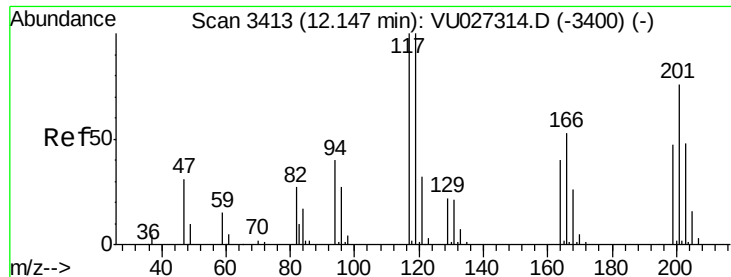
#89
 n-Butylbenzene
 Concen: 3.036 ug/l
 RT: 11.87 min Scan# 3328
 Delta R.T. -0.02 min
 Lab File: VU027425.D
 Acq: 04 Oct 2018 21:57

Tgt Ion: 91 Resp: 7978
 Ion Ratio Lower Upper
 91 100
 92 25.1 27.0 81.0#
 134 131.9 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





#90

Hexachloroethane

Concen: 3.740 ug/l

RT: 12.15 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VU027425.D

Acq: 04 Oct 2018 21:57

Instrument :

MSVOA_U

ClientSampleId :

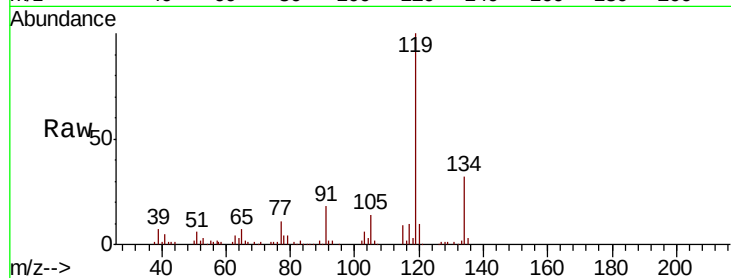
MW-3

Tgt Ion:117 Resp: 4686

Ion Ratio Lower Upper

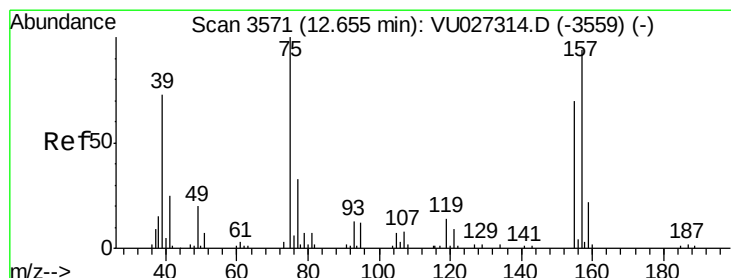
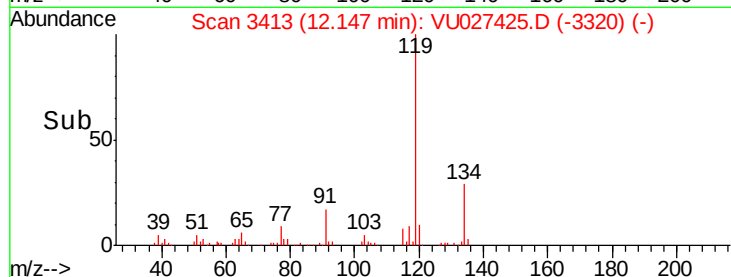
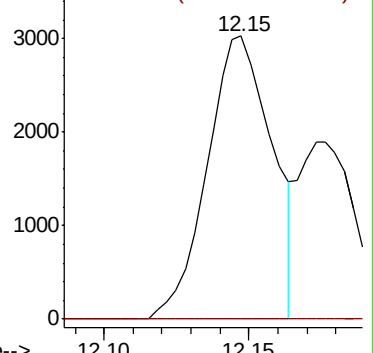
117 100

201 0.0 37.9 113.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.665 ug/l

RT: 12.65 min Scan# 3570

Delta R.T. -0.00 min

Lab File: VU027425.D

Acq: 04 Oct 2018 21:57

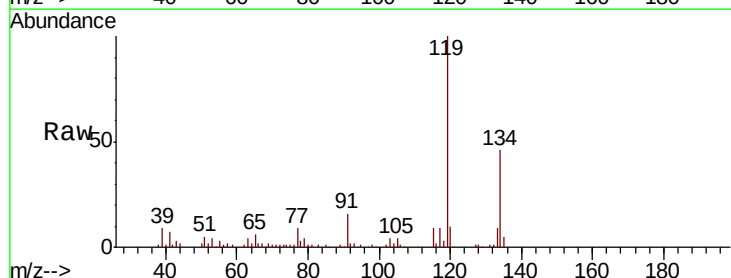
Tgt Ion: 75 Resp: 453

Ion Ratio Lower Upper

75 100

155 0.0 35.9 107.8#

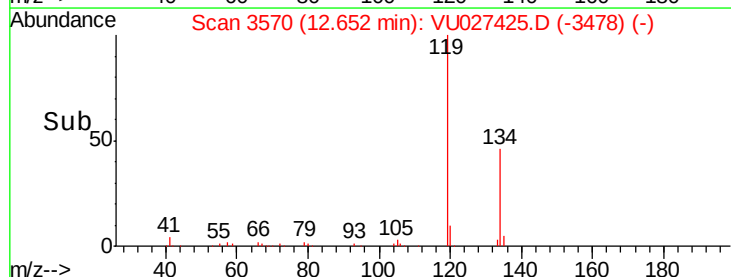
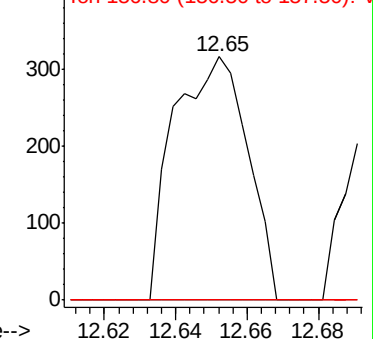
157 0.0 46.9 140.6#

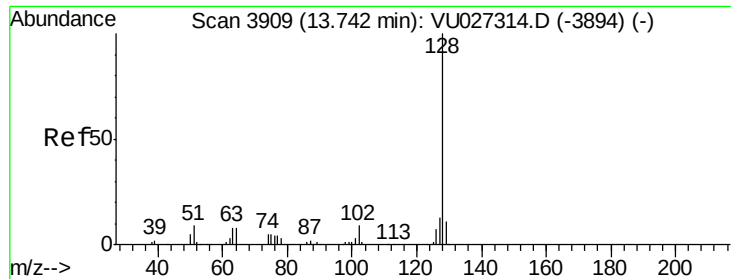


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

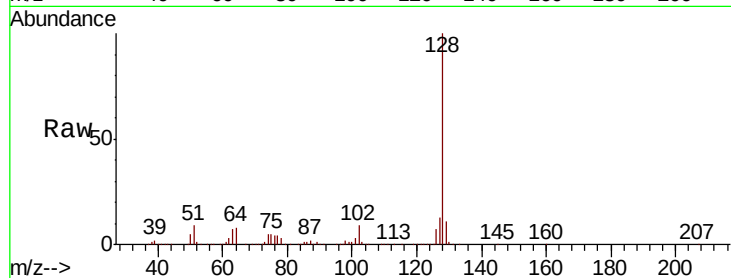




#95
 Naphthalene
 Concen: 55.505 ug/l
 RT: 13.74 min Scan# 3909
 Delta R.T. 0.00 min
 Lab File: VU027425.D
 Acq: 04 Oct 2018 21:57

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.0	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

