

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U100418\
 Data File : VU027427.D
 Acq On : 04 Oct 2018 22:43
 Operator : MD/SY
 Sample : J5165-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-G-092718

Quant Time: Oct 05 03:18:52 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	117213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	199880	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	192035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	109913	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	112341	57.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.80%	
35) Dibromofluoromethane	4.89	113	80523	58.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.56%	
50) Toluene-d8	7.57	98	308009	60.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.16%	
62) 4-Bromofluorobenzene	10.31	95	117573	61.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.42%	

Target Compounds						Qvalue
11) Tert butyl alcohol	2.83	59	3450	8.370	ug/l #	84
14) Allyl chloride	2.44	41	999	0.340	ug/l #	68
16) Acetone	2.32	43	59946	51.844	ug/l	99
17) Carbon Disulfide	2.48	76	12266	2.747	ug/l	100
18) Methyl Acetate	2.62	43	3624	1.374	ug/l	96
25) 2-Butanone	4.27	43	17332	10.992	ug/l	95
27) cis-1,2-Dichloroethene	4.23	96	1907	1.200	ug/l	98
31) Cyclohexane	4.99	56	2859	0.676	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	10348	4.768	ug/l #	49
37) Ethyl Acetate	4.27	43	17332	6.179	ug/l #	70
38) Carbon Tetrachloride	4.98	117	11706	5.971	ug/l #	17
43) Isopropyl Acetate	5.80	43	1938	0.445	ug/l #	63
48) Methyl methacrylate	6.82	41	637	0.294	ug/l #	18
55) 1,1,2-Trichloroethane	8.04	97	1713	1.155	ug/l #	13
56) Ethyl methacrylate	8.05	69	279	2.365	ug/l #	1
59) 2-Hexanone	8.33	43	1598	0.728	ug/l #	26
67) Ethyl Benzene	9.25	91	4724	0.660	ug/l	91
69) o-Xylene	9.78	106	2042	0.820	ug/l	71
70) Styrene	9.78	104	40	2.307	ug/l #	1
73) Isopropylbenzene	10.17	105	298646	37.411	ug/l	99
74) N-amyl acetate	10.06	43	3412	0.747	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	10.49	83	6896	2.200	ug/l #	34
76) 1,2,3-Trichloropropane	10.59	75	1914	0.672	ug/l #	1
78) n-propylbenzene	10.59	91	307478	32.054	ug/l	100
79) 2-Chlorotoluene	10.59	91	307478	53.089	ug/l #	43
81) trans-1,4-Dichloro-2-buten	10.59	75	1914	1.758	ug/l #	100
82) 4-Chlorotoluene	10.59	91	307478	46.782	ug/l #	48
83) tert-Butylbenzene	11.10	119	42311	6.734	ug/l	91
84) 1,2,4-Trimethylbenzene	11.15	105	166563	25.089	ug/l	100
85) sec-Butylbenzene	11.32	105	199254	25.170	ug/l	99
86) p-Isopropyltoluene	11.48	119	39424	5.816	ug/l	99
87) 1,3-Dichlorobenzene	11.51	146	944	0.269	ug/l #	1
88) 1,4-Dichlorobenzene	11.51	146	944	0.263	ug/l #	1
89) n-Butylbenzene	11.89	91	68260	11.069	ug/l #	76

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

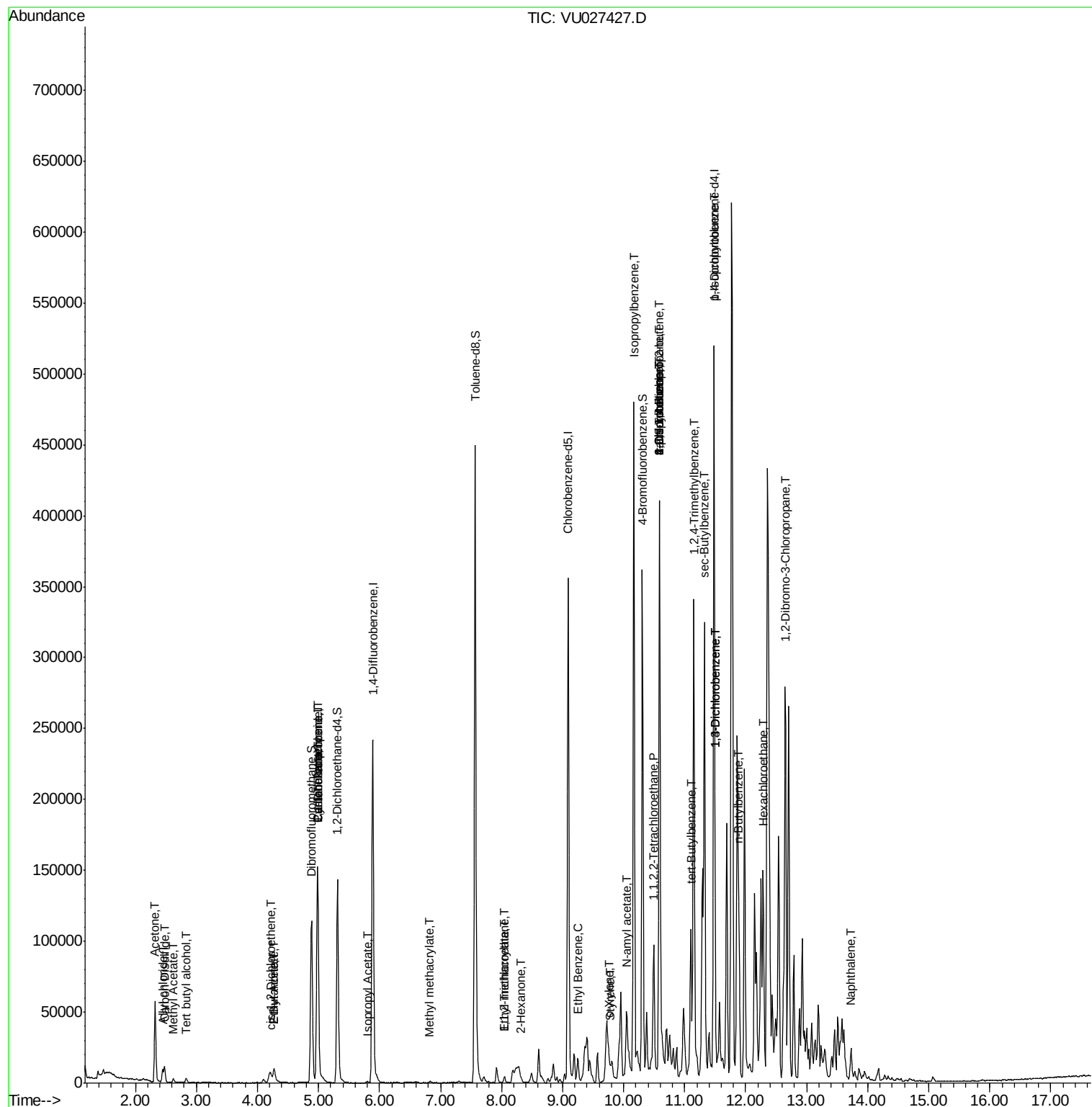
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.29	117	51450	40.270	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	12.65	75	1335	1.922	ug/l #	7
95) Naphthalene	13.74	128	3511	2.068	ug/l #	67

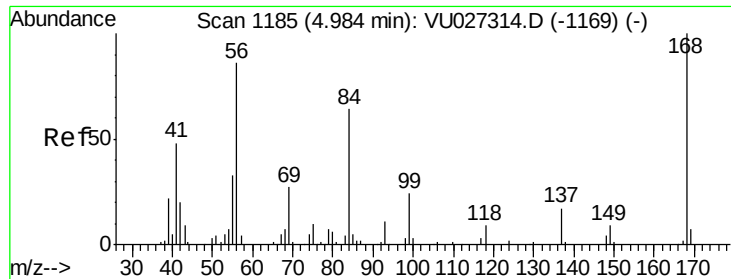
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027427.D

Acq: 04 Oct 2018 22:43

Instrument :

MSVOA_U

ClientSampleId :

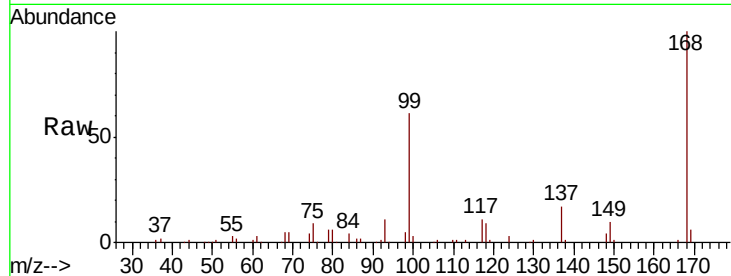
EP1-MW-G-092718

Tgt Ion:168 Resp: 117213

Ion Ratio Lower Upper

168 100

99 61.3 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) (-)

4.99

50000

40000

30000

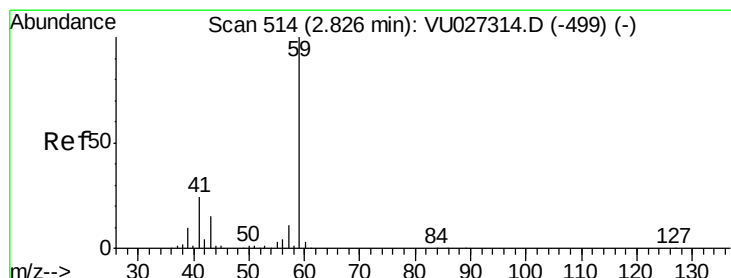
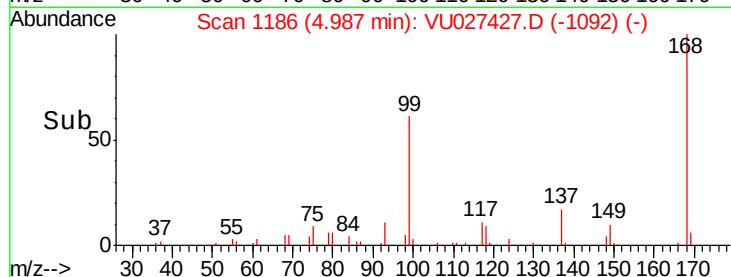
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#11

Tert butyl alcohol

Concen: 8.370 ug/l

RT: 2.83 min Scan# 516

Delta R.T. 0.01 min

Lab File: VU027427.D

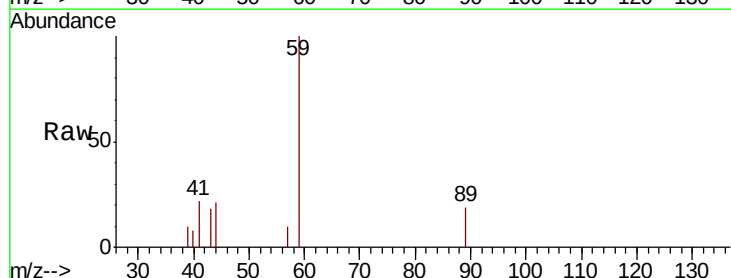
Acq: 04 Oct 2018 22:43

Tgt Ion: 59 Resp: 3450

Ion Ratio Lower Upper

59 100

57 4.5 8.4 12.6#



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

Ion 57.00 (56.70 to 57.70): VU027314.D (-499) (-)

2.83

1500

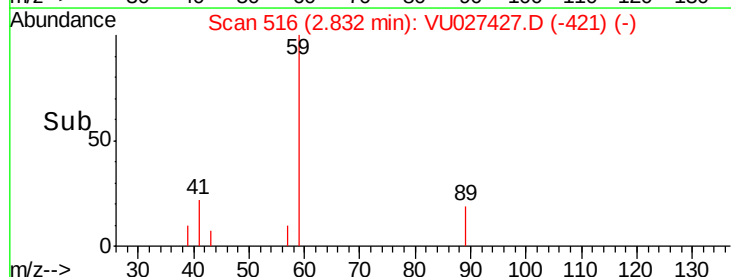
1000

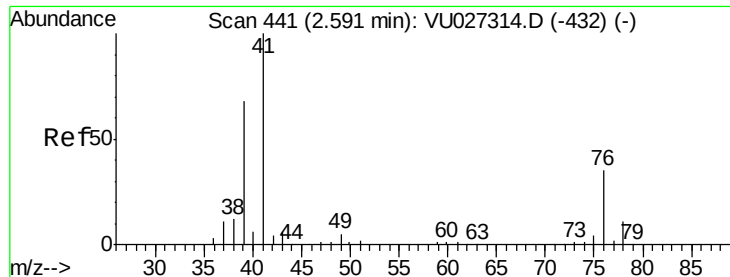
500

0

2.80 2.85 2.90

Time-->

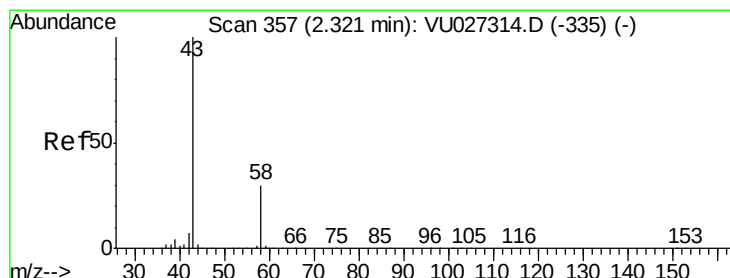
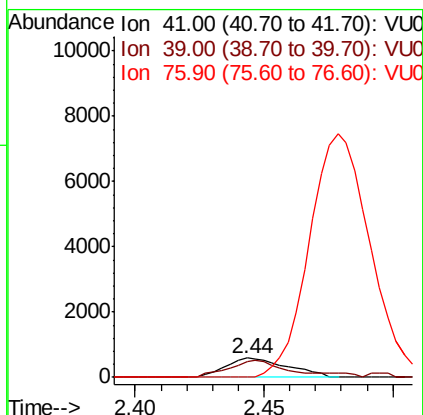
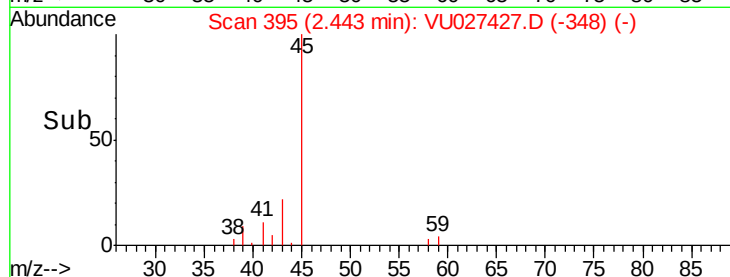
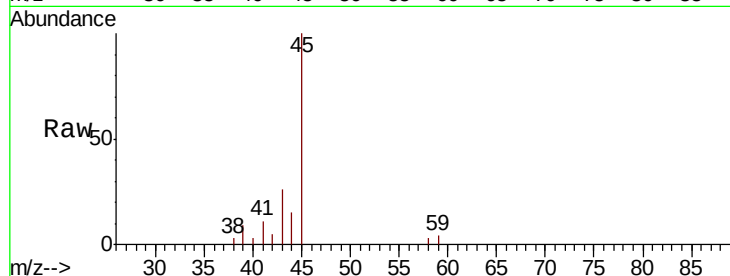




#14
 Allyl chloride
 Concen: 0.340 ug/l
 RT: 2.44 min Scan# 395
 Delta R.T. -0.15 min
 Lab File: VU027427.D
 Acq: 04 Oct 2018 22:43

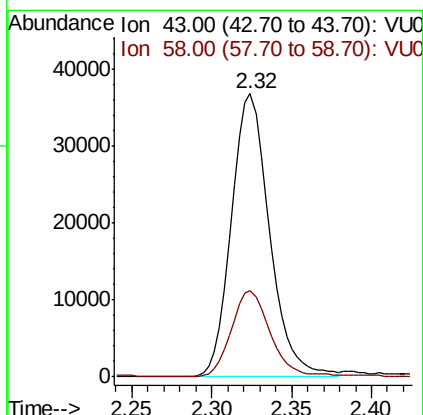
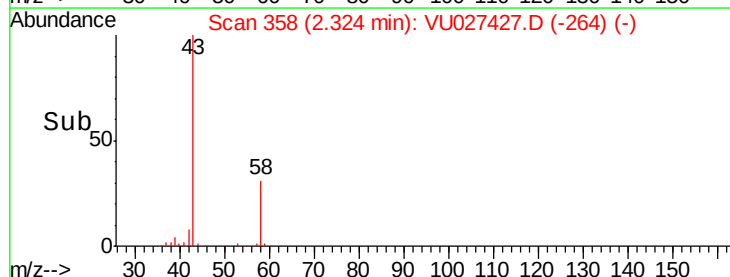
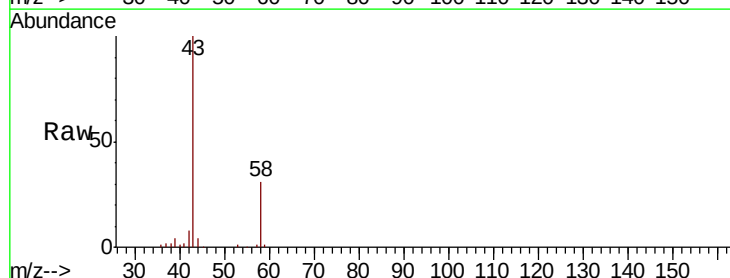
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-G-092718

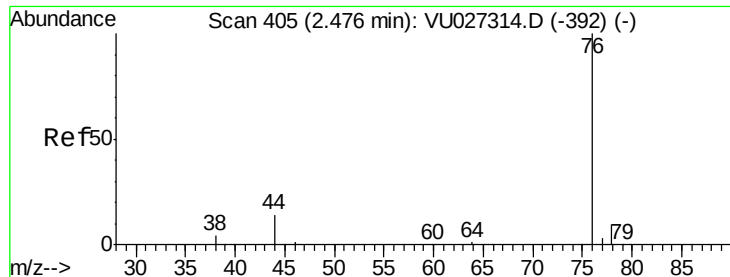
Tgt Ion: 41 Resp: 999
 Ion Ratio Lower Upper
 41 100
 39 80.2 51.8 77.8#
 76 0.0 25.9 38.9#



#16
 Acetone
 Concen: 51.844 ug/l
 RT: 2.32 min Scan# 358
 Delta R.T. 0.00 min
 Lab File: VU027427.D
 Acq: 04 Oct 2018 22:43

Tgt Ion: 43 Resp: 59946
 Ion Ratio Lower Upper
 43 100
 58 30.7 24.2 36.4





#17

Carbon Disulfide

Concen: 2.747 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027427.D

Acq: 04 Oct 2018 22:43

Instrument :

MSVOA_U

ClientSampleId :

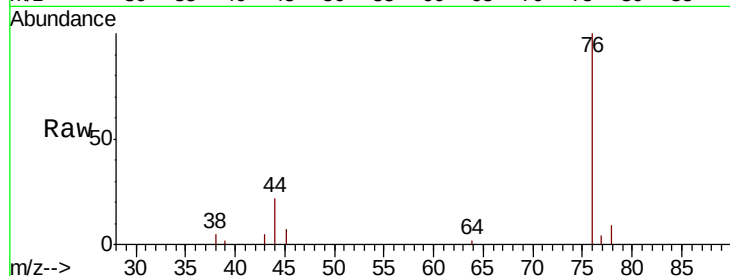
EP1-MW-G-092718

Tgt Ion: 76 Resp: 12266

Ion Ratio Lower Upper

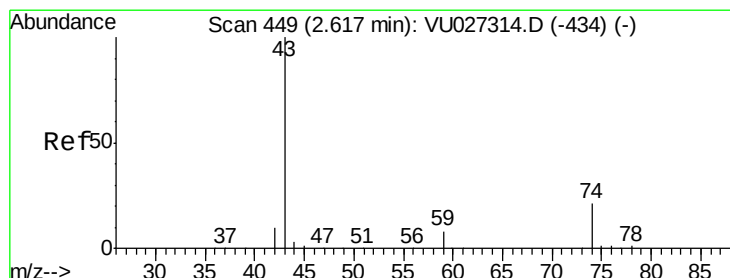
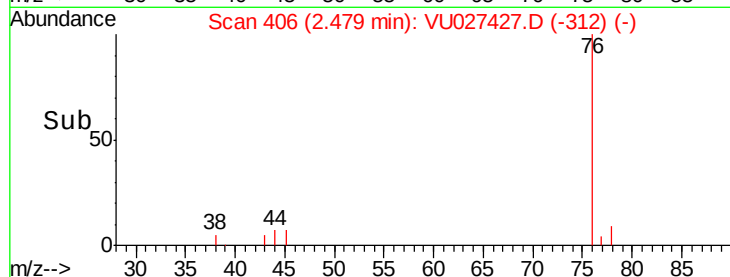
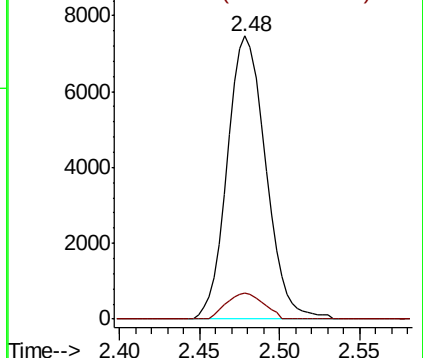
76 100

78 9.2 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: 1.374 ug/l

RT: 2.62 min Scan# 450

Delta R.T. 0.00 min

Lab File: VU027427.D

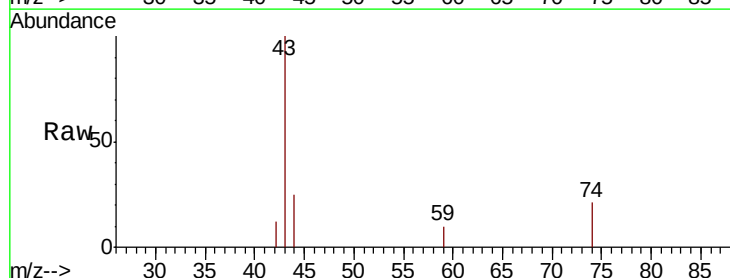
Acq: 04 Oct 2018 22:43

Tgt Ion: 43 Resp: 3624

Ion Ratio Lower Upper

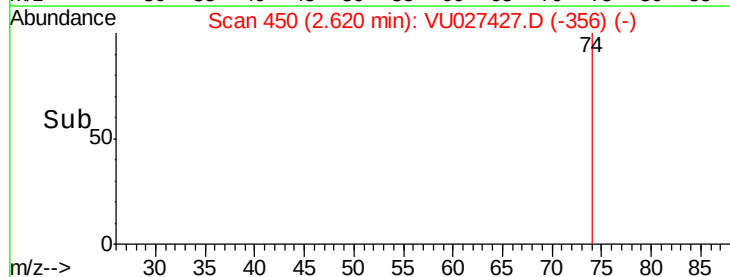
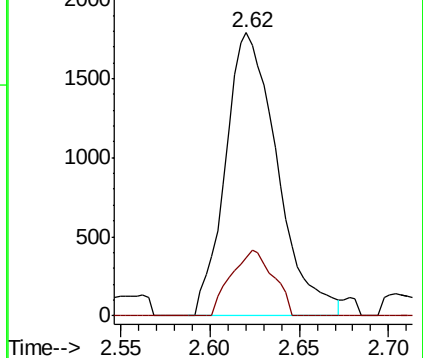
43 100

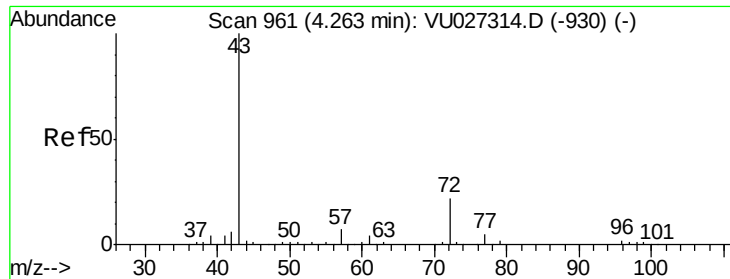
74 18.8 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





#25

2-Butanone

Concen: 10.992 ug/l

RT: 4.27 min Scan# 964

Delta R.T. 0.01 min

Lab File: VU027427.D

Acq: 04 Oct 2018 22:43

Instrument :

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ClientSampleId :

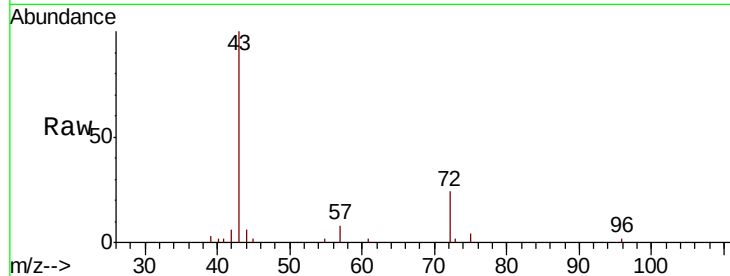
EP1-MW-G-092718

Tgt Ion: 43 Resp: 17332

Ion Ratio Lower Upper

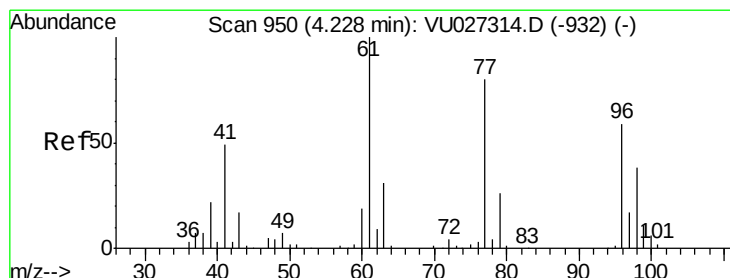
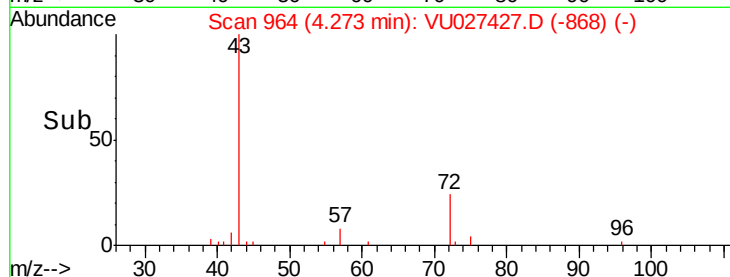
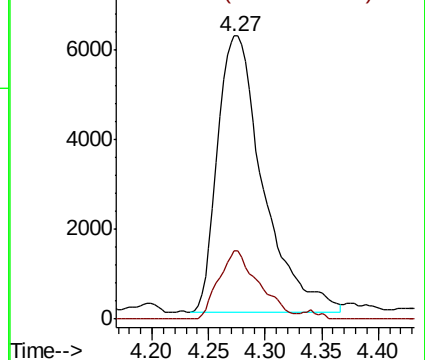
43 100

72 24.5 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#27

cis-1,2-Dichloroethene

Concen: 1.200 ug/l

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU027427.D

Acq: 04 Oct 2018 22:43

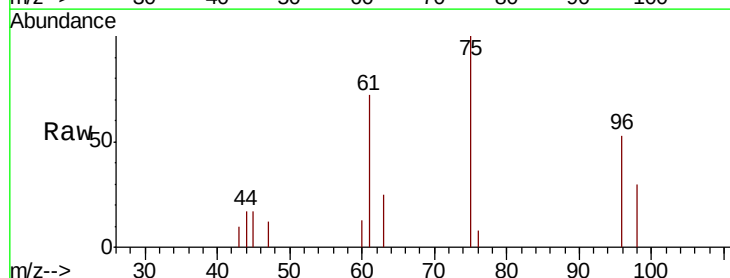
Tgt Ion: 96 Resp: 1907

Ion Ratio Lower Upper

96 100

61 172.7 0.0 343.8

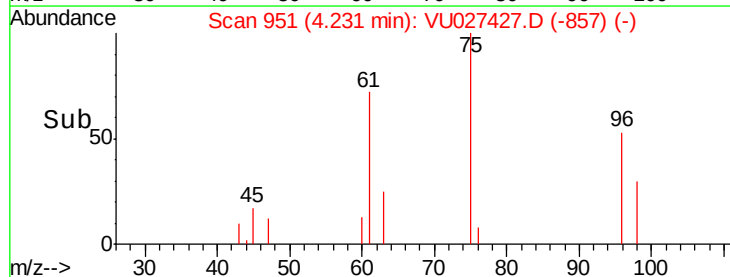
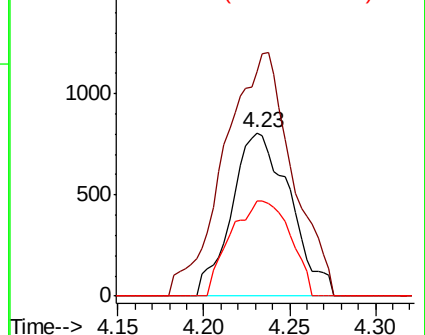
98 59.1 0.0 129.0

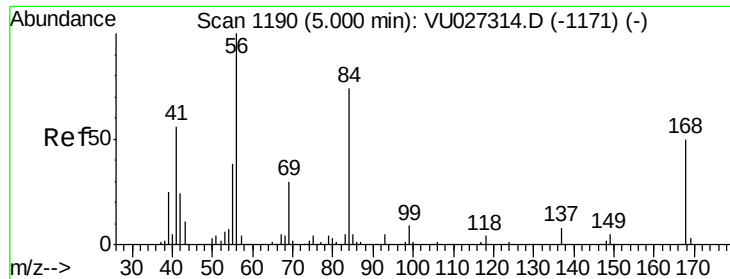


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

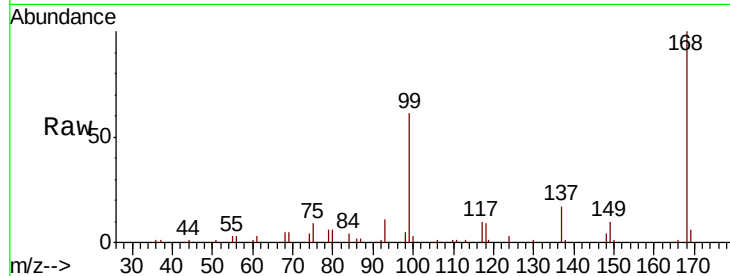




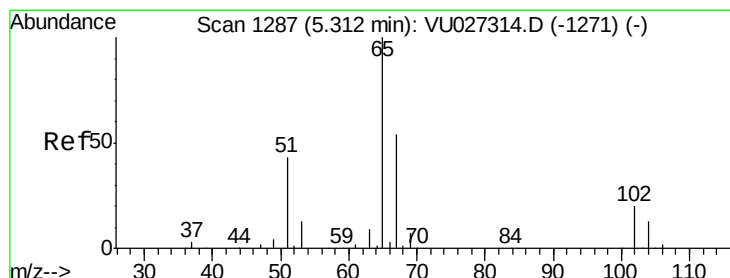
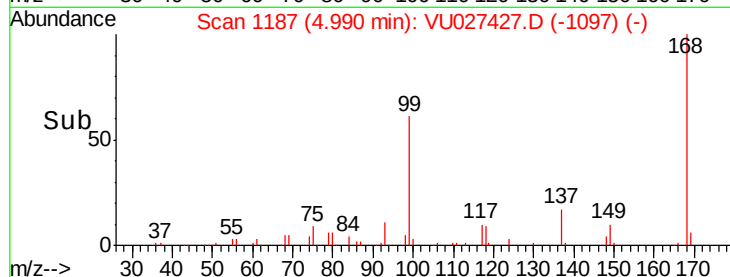
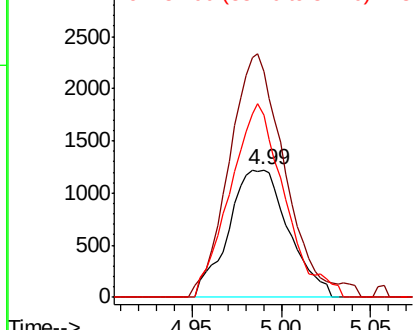
#31
Cyclohexane
Concen: 0.676 ug/l
RT: 4.99 min Scan# 1187
Delta R.T. -0.01 min
Lab File: VU027427.D
Acq: 04 Oct 2018 22:43

Instrument :
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EP1-MW-G-092718

Tgt Ion: 56 Resp: 2859
Ion Ratio Lower Upper
56 100
69 176.7 24.1 36.1#
84 143.0 59.1 88.7#

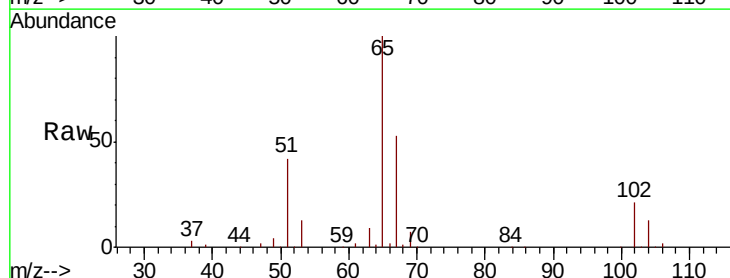


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

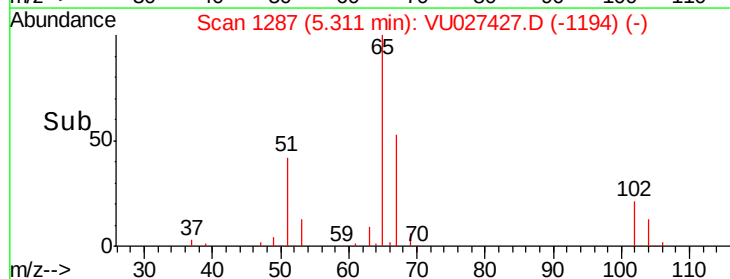
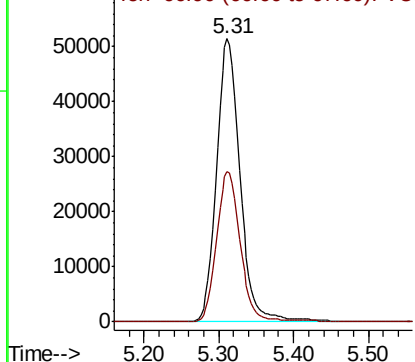


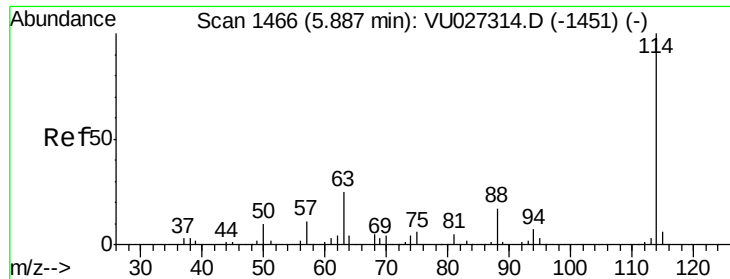
#33
1,2-Dichloroethane-d4
Concen: 57.397 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027427.D
Acq: 04 Oct 2018 22:43

Tgt Ion: 65 Resp: 112341
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.8



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

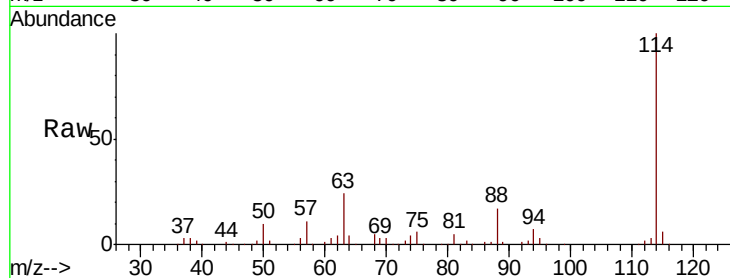




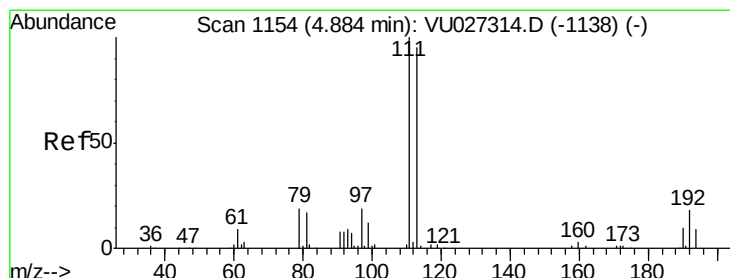
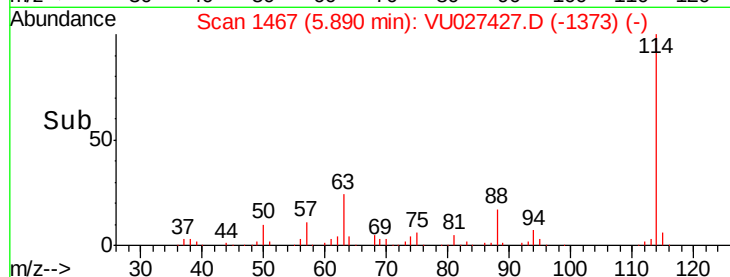
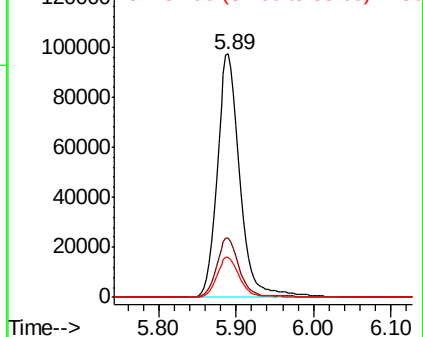
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027427.D
 Acq: 04 Oct 2018 22:43

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-G-092718

Tgt Ion:114 Resp: 199880
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 50.2
 88 16.5 0.0 33.8

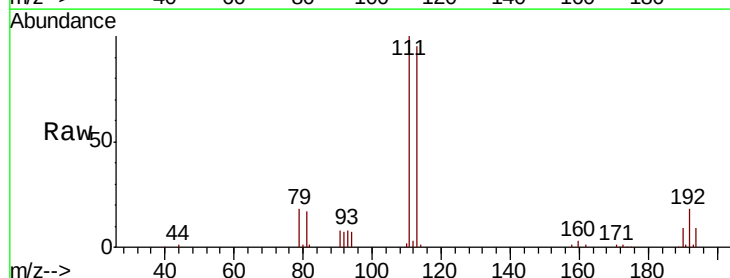


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

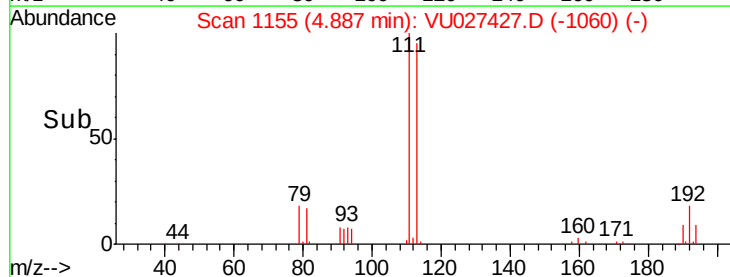
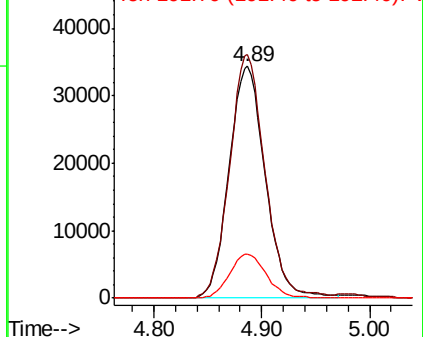


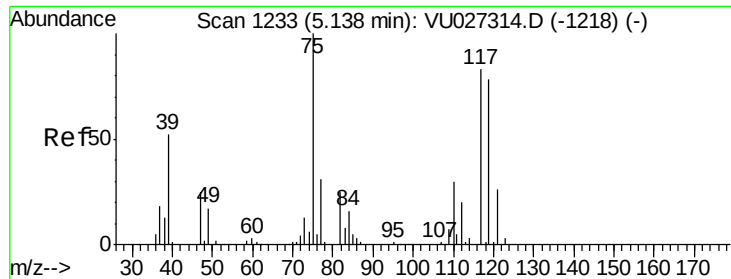
#35
 Dibromofluoromethane
 Concen: 58.783 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027427.D
 Acq: 04 Oct 2018 22:43

Tgt Ion:113 Resp: 80523
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.1 124.7
 192 19.1 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

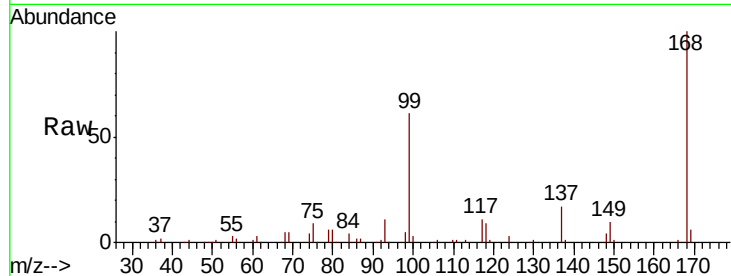




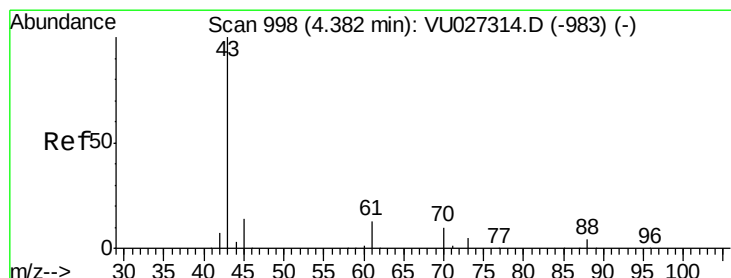
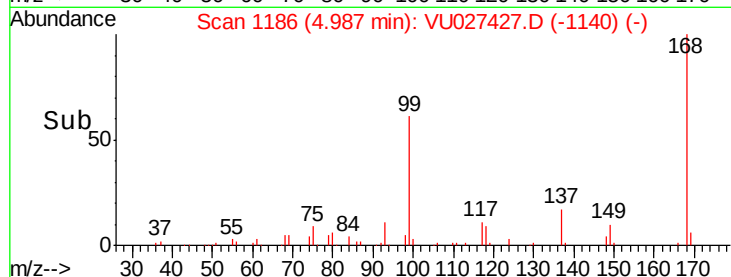
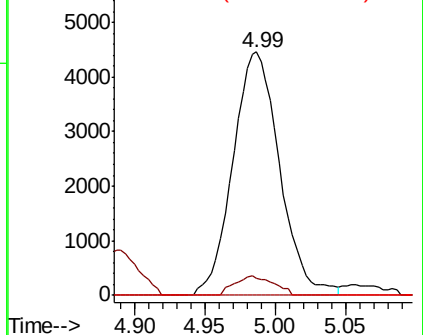
#36
 1,1-Dichloropropene
 Concen: 4.768 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027427.D
 Acq: 04 Oct 2018 22:43

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-G-092718

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.6	15.5	46.5#
77	0.0	25.4	38.0#

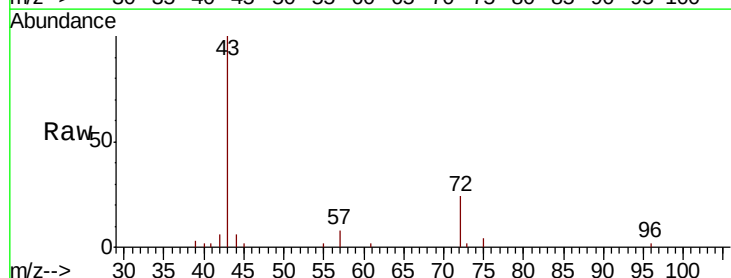


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): VU0
 Ion 76.90 (76.60 to 77.60): VU0

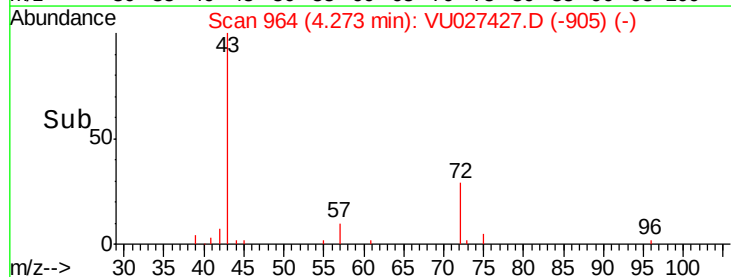
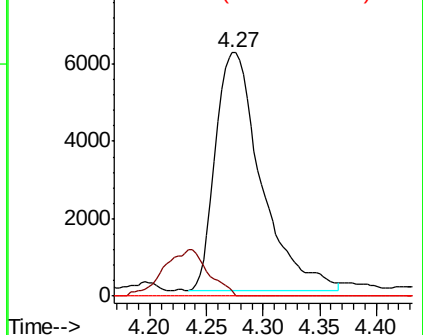


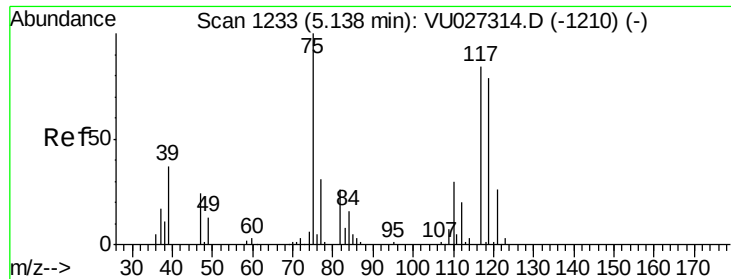
#37
 Ethyl Acetate
 Concen: 6.179 ug/l
 RT: 4.27 min Scan# 964
 Delta R.T. -0.11 min
 Lab File: VU027427.D
 Acq: 04 Oct 2018 22:43

Tgt 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): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 70.00 (69.70 to 70.70): VU0

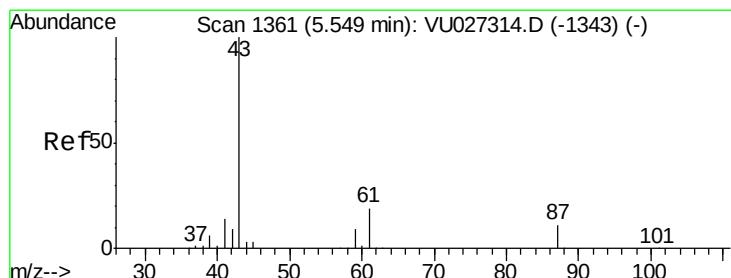
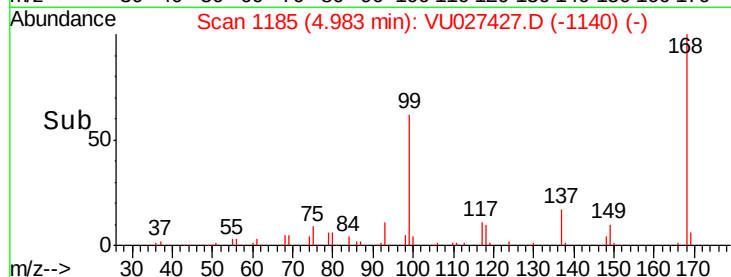
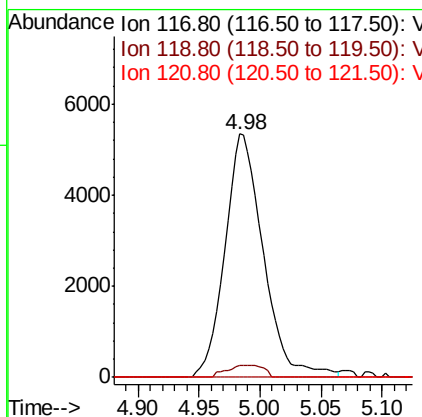
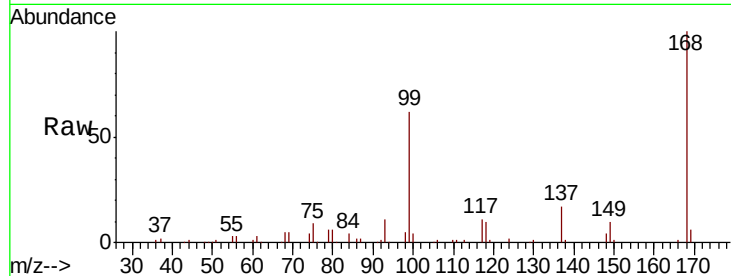




#38
 Carbon Tetrachloride
 Concen: 5.971 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027427.D
 Acq: 04 Oct 2018 22:43

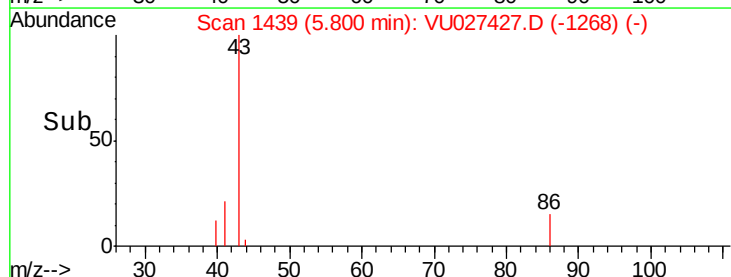
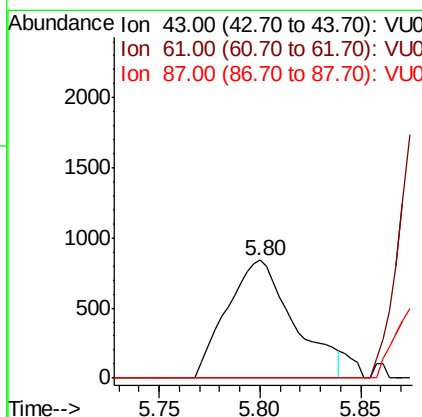
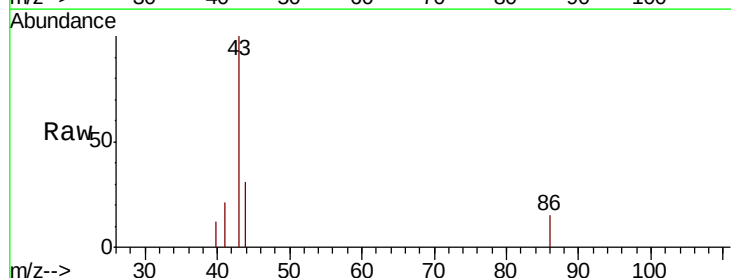
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-G-092718

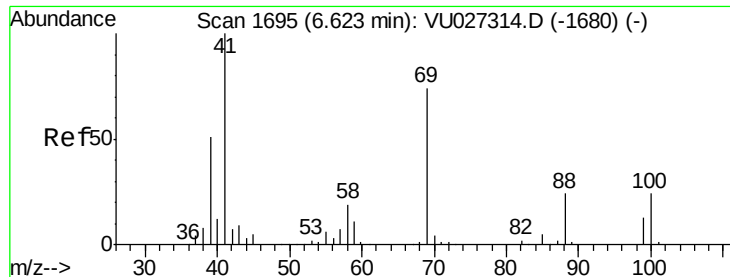
Tgt Ion: 117 Resp: 11706
 Ion Ratio Lower Upper
 117 100
 119 4.7 74.5 111.7#
 121 0.0 24.6 37.0#



#43
 Isopropyl Acetate
 Concen: 0.445 ug/l
 RT: 5.80 min Scan# 1439
 Delta R.T. 0.25 min
 Lab File: VU027427.D
 Acq: 04 Oct 2018 22:43

Tgt Ion: 43 Resp: 1938
 Ion Ratio Lower Upper
 43 100
 61 0.0 15.3 22.9#
 87 0.0 8.6 13.0#

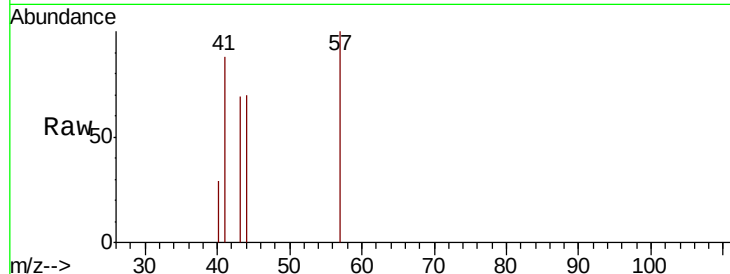




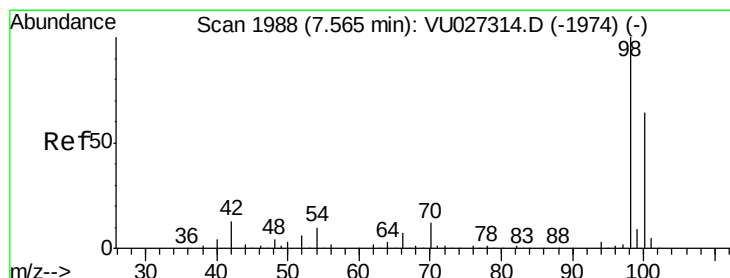
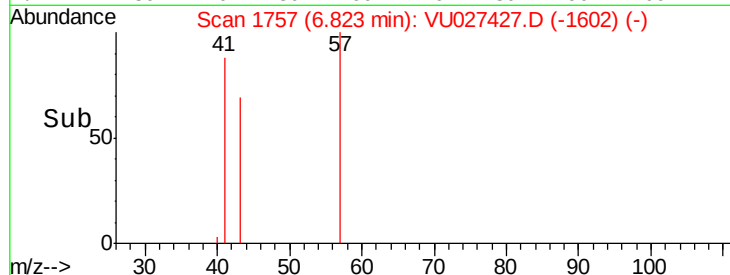
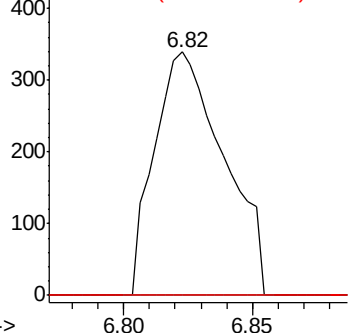
#48
Methyl methacrylate
Concen: 0.294 ug/l
RT: 6.82 min Scan# 1757
Delta R.T. 0.20 min
Lab File: VU027427.D
Acq: 04 Oct 2018 22:43

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-G-092718

Tgt Ion: 41 Resp: 637
Ion Ratio Lower Upper
41 100
69 0.0 61.0 91.4#
39 0.0 39.9 59.9#

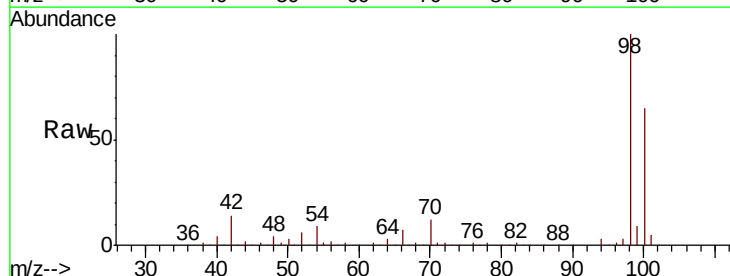


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 39.00 (38.70 to 39.70): VU0

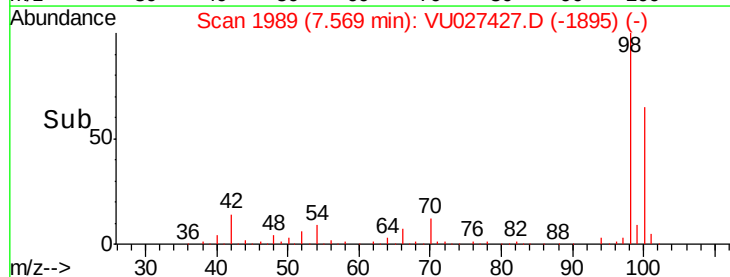
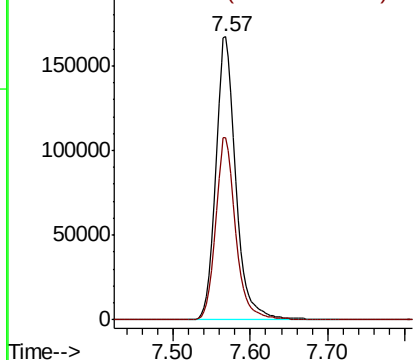


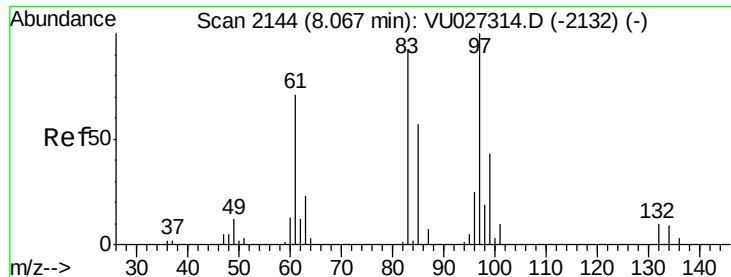
#50
Toluene-d8
Concen: 60.077 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027427.D
Acq: 04 Oct 2018 22:43

Tgt Ion: 98 Resp: 308009
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1



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

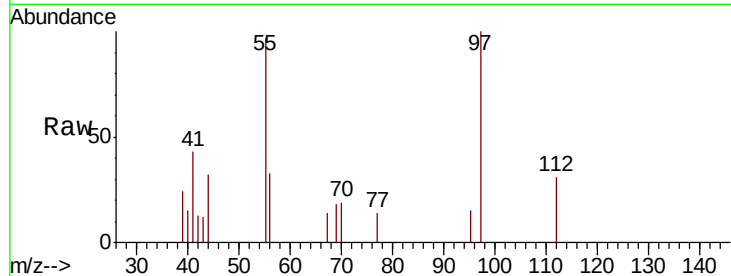




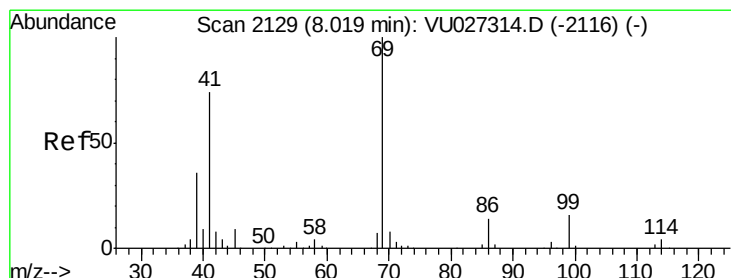
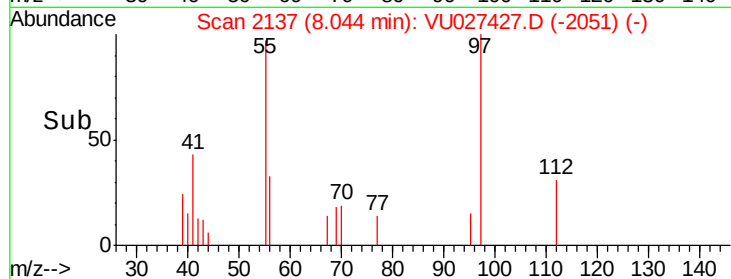
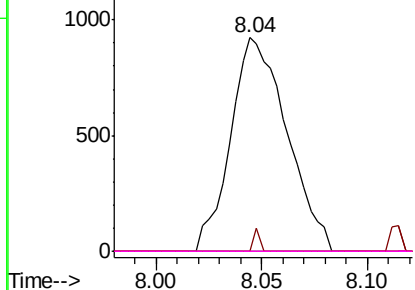
#55
 1,1,2-Trichloroethane
 Concen: 1.155 ug/l
 RT: 8.04 min Scan# 2137
 Delta R.T. -0.02 min
 Lab File: VU027427.D
 Acq: 04 Oct 2018 22:43

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-G-092718

Tgt Ion:	97	Resp:	1713
Ion	Ratio	Lower	Upper
97	100		
83	0.0	73.0	109.6#
85	0.0	47.3	70.9#
99	0.0	49.7	74.5#

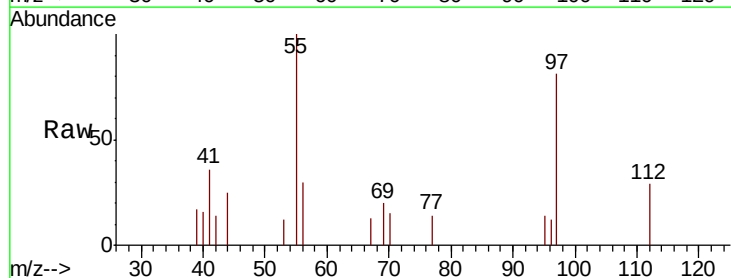


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

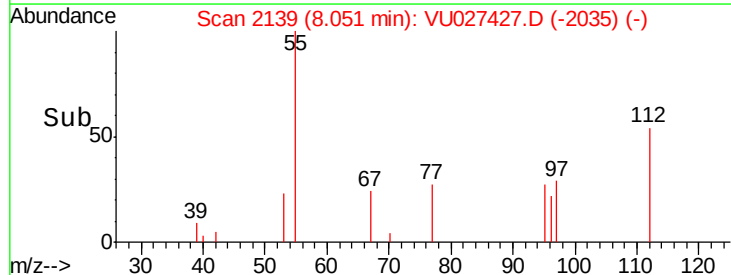
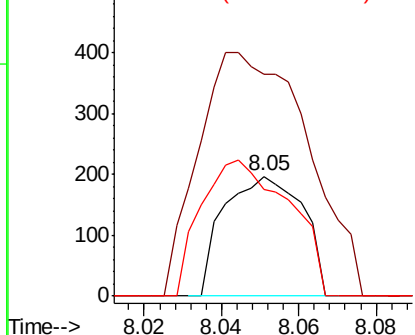


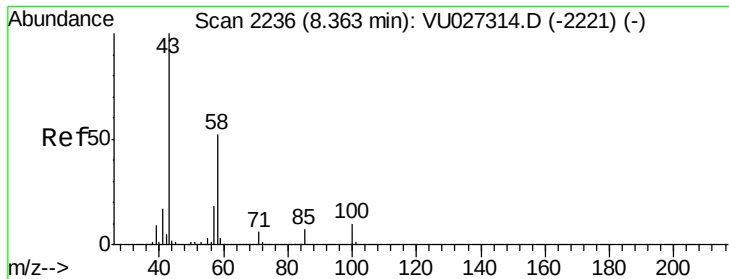
#56
 Ethyl methacrylate
 Concen: 2.365 ug/l
 RT: 8.05 min Scan# 2139
 Delta R.T. 0.03 min
 Lab File: VU027427.D
 Acq: 04 Oct 2018 22:43

Tgt Ion:	69	Resp:	279
Ion	Ratio	Lower	Upper
69	100		
41	281.4	60.0	90.0#
39	127.2	29.5	44.3#



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

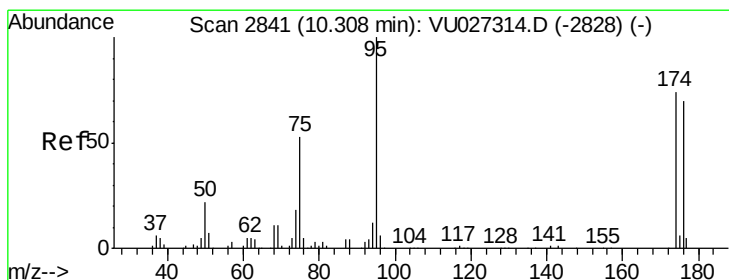
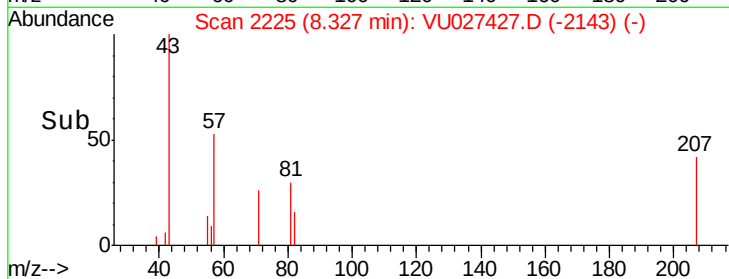
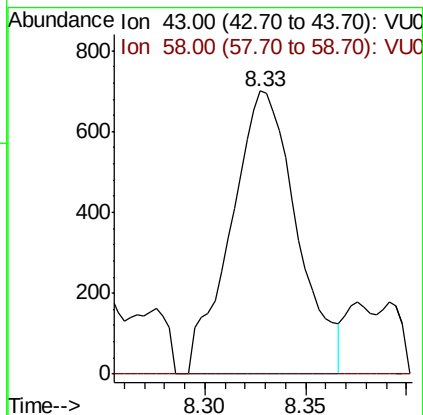
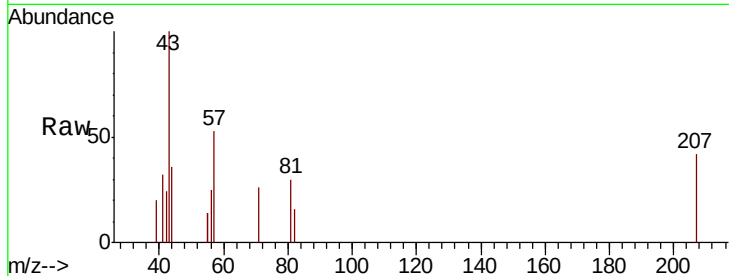




#59
 2-Hexanone
 Concen: 0.728 ug/l
 RT: 8.33 min Scan# 2225
 Delta R.T. -0.04 min
 Lab File: VU027427.D
 Acq: 04 Oct 2018 22:43

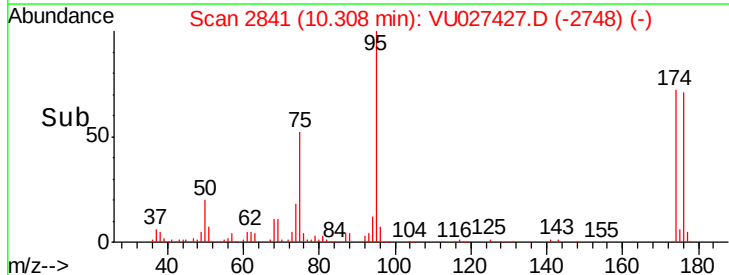
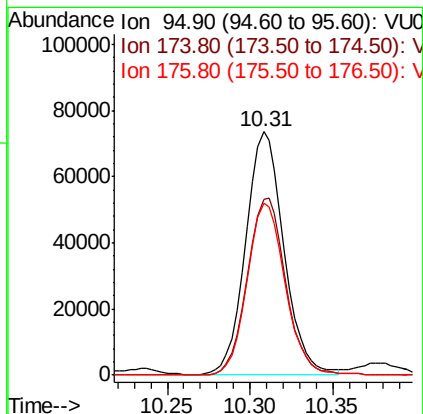
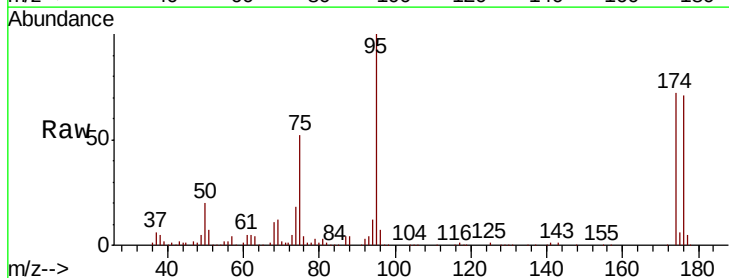
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-G-092718

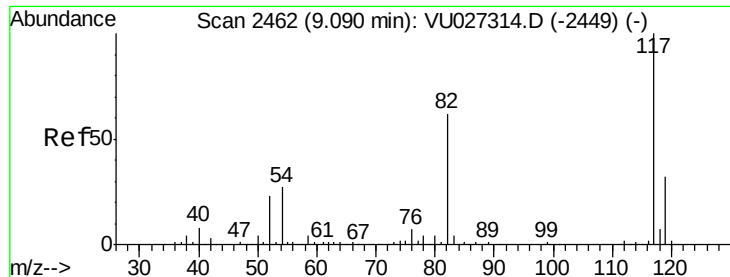
Tgt Ion: 43 Resp: 1598
 Ion Ratio Lower Upper
 43 100
 58 0.0 26.1 78.3#



#62
 4-Bromofluorobenzene
 Concen: 61.707 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: VU027427.D
 Acq: 04 Oct 2018 22:43

Tgt Ion: 95 Resp: 117573
 Ion Ratio Lower Upper
 95 100
 174 73.9 0.0 147.8
 176 71.2 0.0 140.8

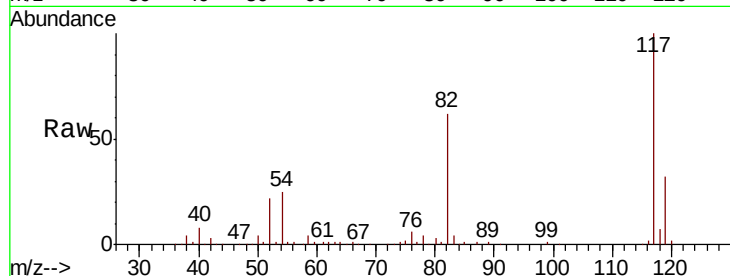




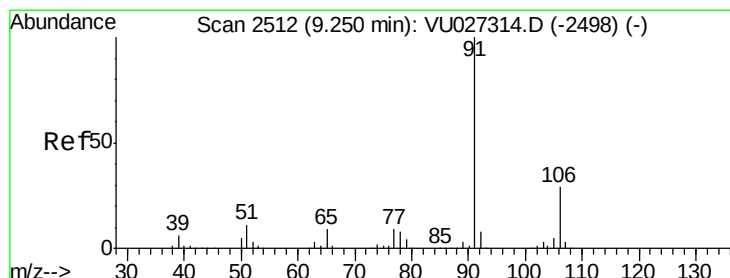
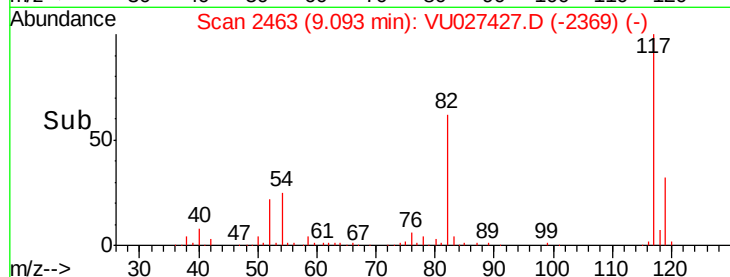
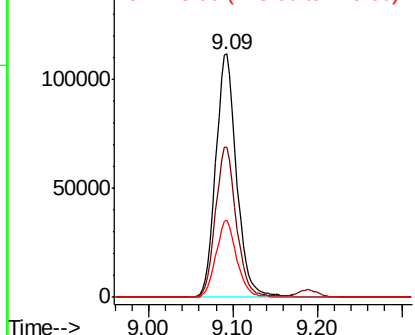
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027427.D
Acq: 04 Oct 2018 22:43

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-G-092718

Tgt Ion: 117 Resp: 192035
Ion Ratio Lower Upper
117 100
82 61.6 49.2 73.8
119 31.6 25.7 38.5

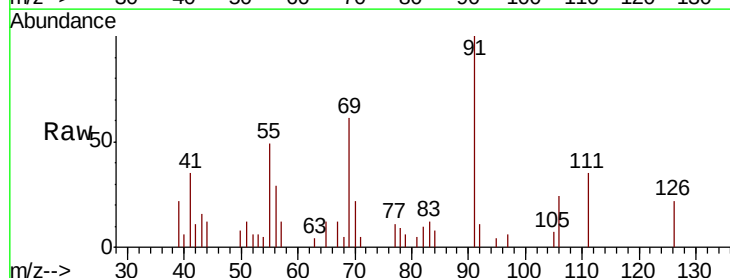


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

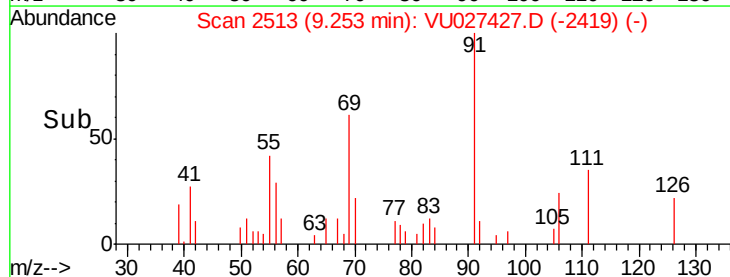
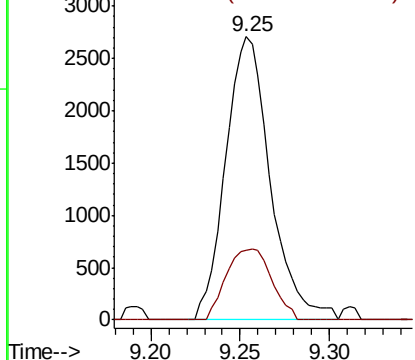


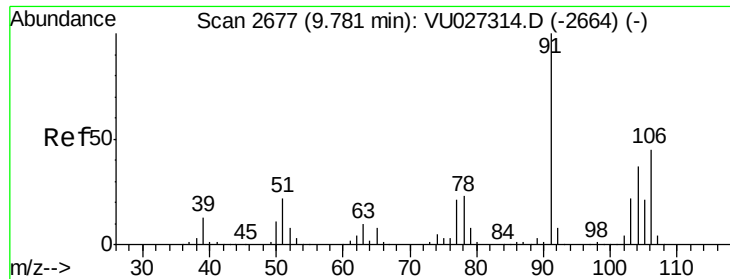
#67
Ethyl Benzene
Concen: 0.660 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027427.D
Acq: 04 Oct 2018 22:43

Tgt Ion: 91 Resp: 4724
Ion Ratio Lower Upper
91 100
106 24.5 23.6 35.4



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

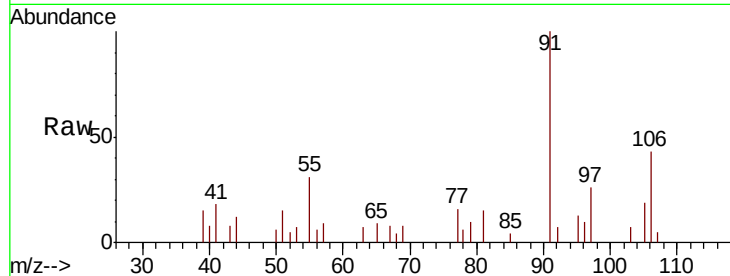




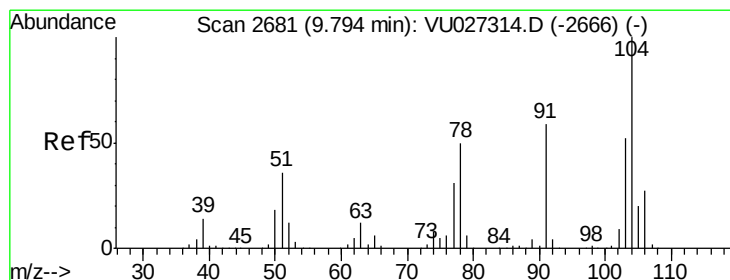
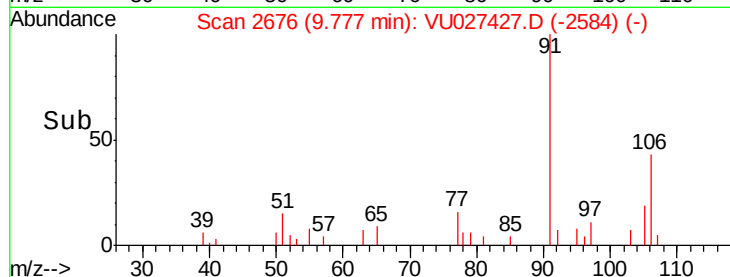
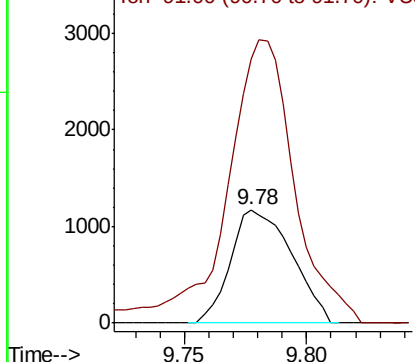
#69
o-Xylene
Concen: 0.820 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU027427.D
Acq: 04 Oct 2018 22:43

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-G-092718

Tgt Ion:106 Resp: 2042
Ion Ratio Lower Upper
106 100
91 270.0 111.7 334.9

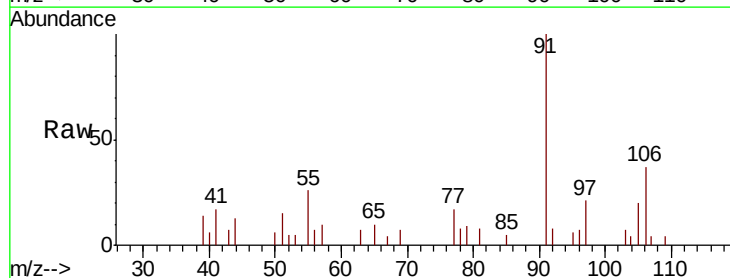


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

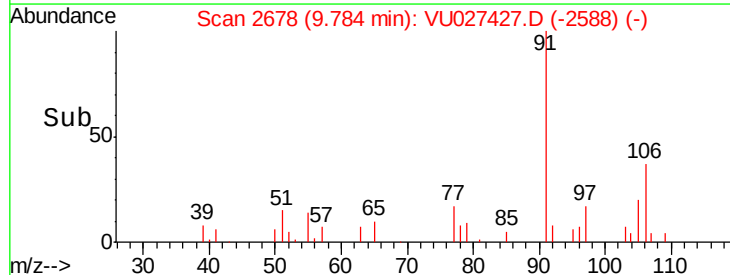
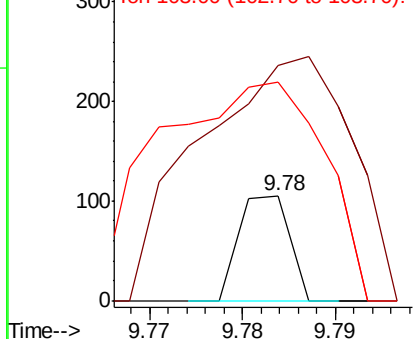


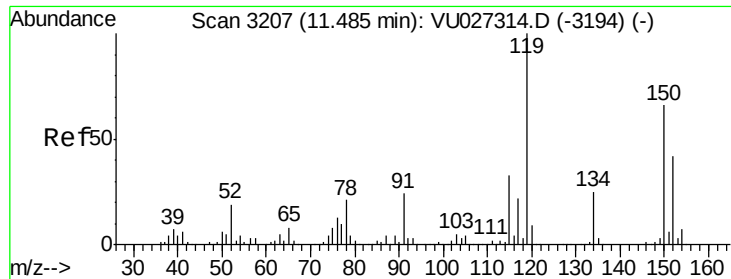
#70
Styrene
Concen: 2.307 ug/l
RT: 9.78 min Scan# 2678
Delta R.T. -0.01 min
Lab File: VU027427.D
Acq: 04 Oct 2018 22:43

Tgt Ion:104 Resp: 40
Ion Ratio Lower Upper
104 100
78 700.0 42.9 64.3#
103 677.5 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: VU027427.D

Acq: 04 Oct 2018 22:43

Instrument :

MSVOA_U

ClientSampleId :

EP1-MW-G-092718

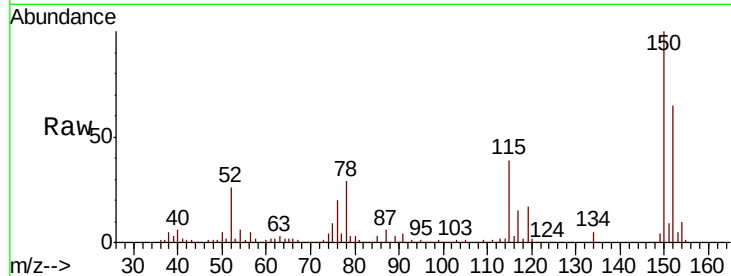
Tgt Ion:152 Resp: 109913

Ion Ratio Lower Upper

152 100

115 63.1 43.4 130.2

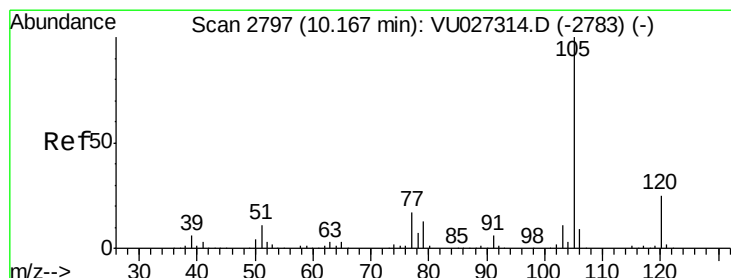
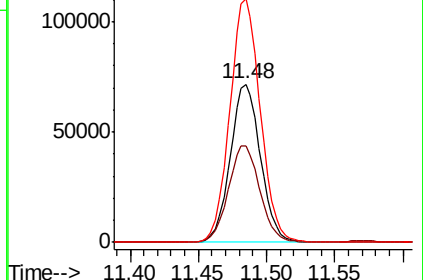
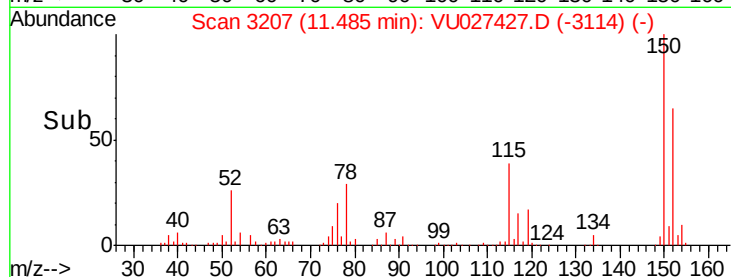
150 155.1 0.0 349.2



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: 37.411 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027427.D

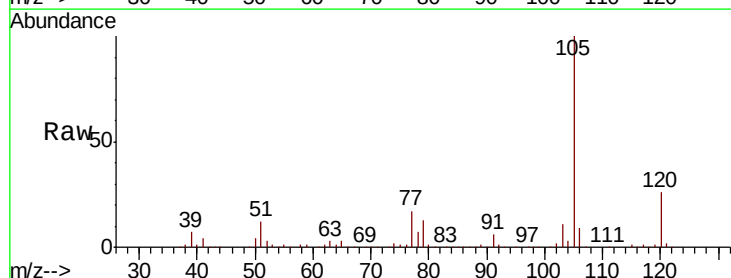
Acq: 04 Oct 2018 22:43

Tgt Ion:105 Resp: 298646

Ion Ratio Lower Upper

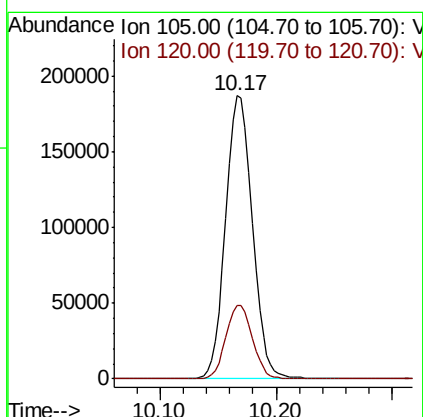
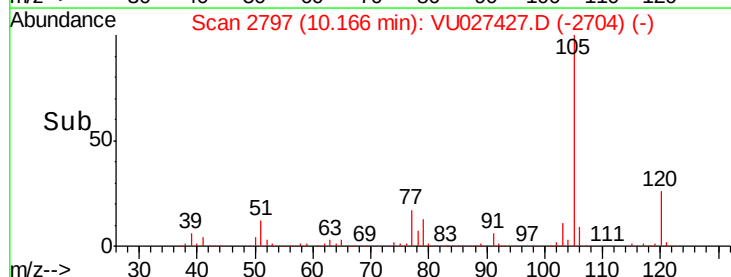
105 100

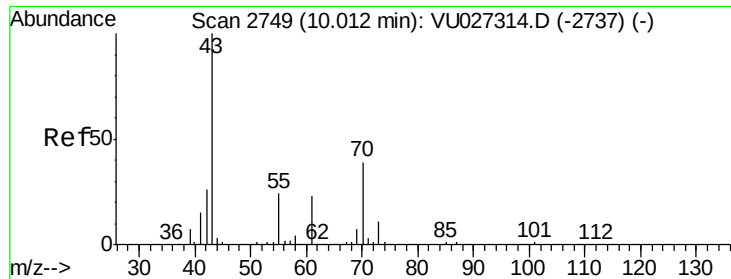
120 25.9 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 0.747 ug/l

RT: 10.06 min Scan# 2763

Delta R.T. 0.04 min

Lab File: VU027427.D

Acq: 04 Oct 2018 22:43

Instrument :

MSVOA_U

ClientSampleId :

EP1-MW-G-092718

Tgt Ion: 43 Resp: 3412

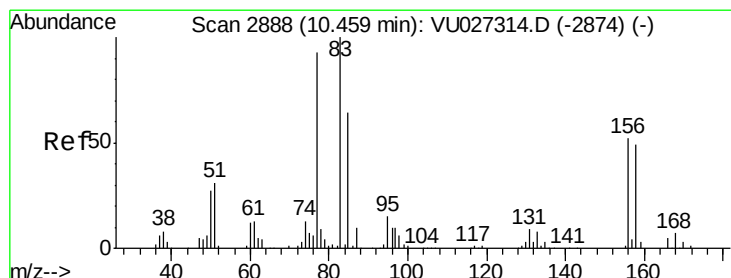
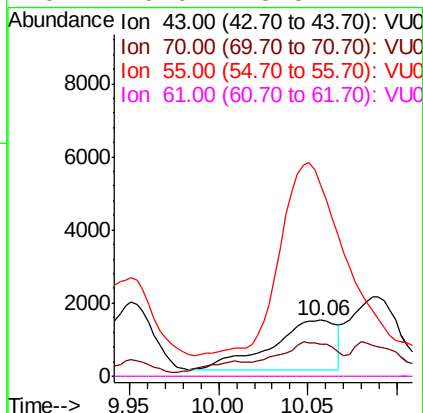
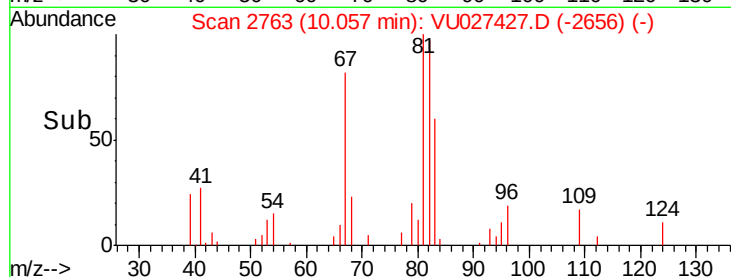
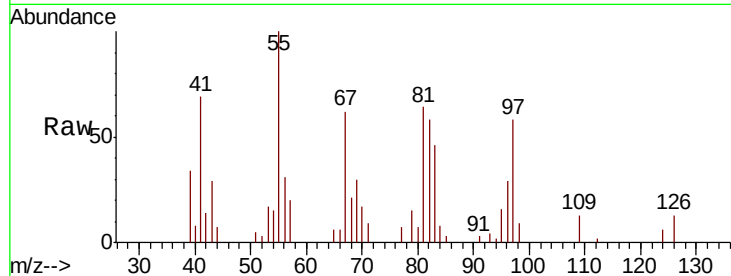
Ion Ratio Lower Upper

43 100

70 49.8 31.3 46.9#

55 401.3 19.0 28.6#

61 0.0 18.5 27.7#



#75

1,1,2,2-Tetrachloroethane

Concen: 2.200 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.04 min

Lab File: VU027427.D

Acq: 04 Oct 2018 22:43

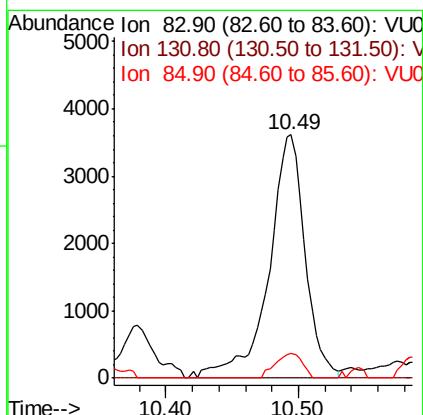
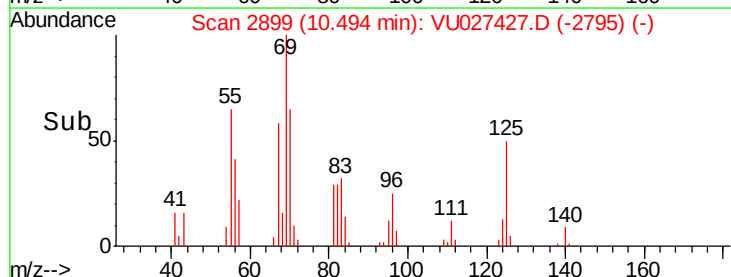
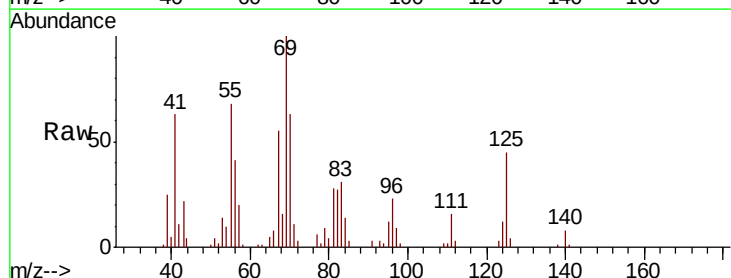
Tgt Ion: 83 Resp: 6896

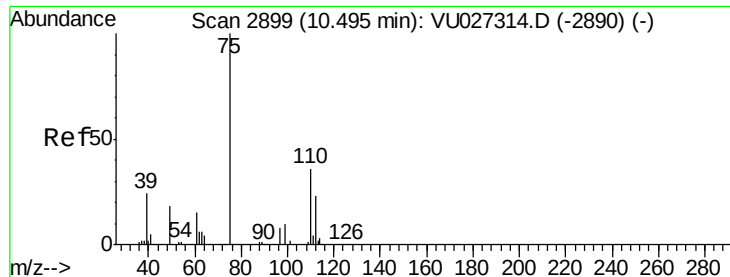
Ion Ratio Lower Upper

83 100

131 0.0 4.4 13.2#

85 7.6 32.0 96.0#





#76

1,2,3-Trichloropropane

Concen: 0.672 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.09 min

Lab File: VU027427.D

Acq: 04 Oct 2018 22:43

Instrument :

MSVOA_U

ClientSampleId :

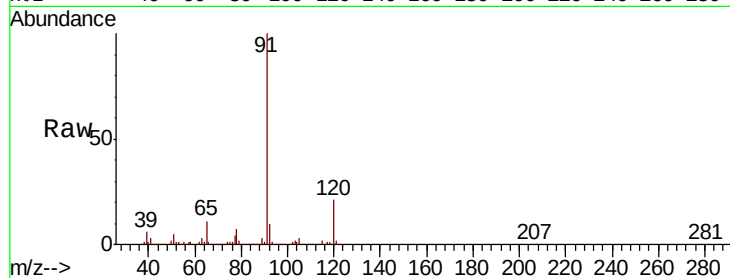
EP1-MW-G-092718

Tgt Ion: 75 Resp: 1914

Ion Ratio Lower Upper

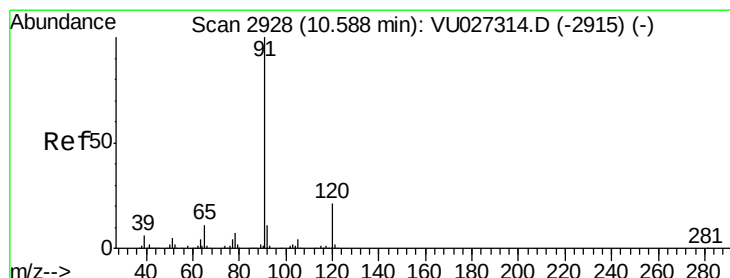
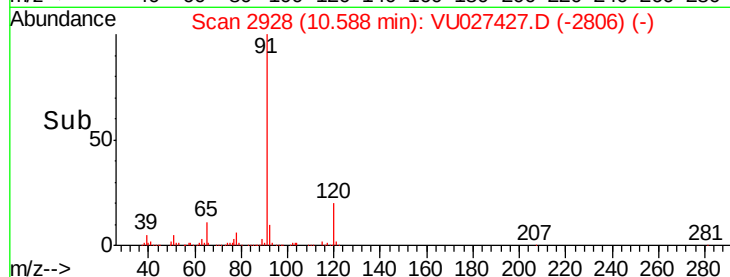
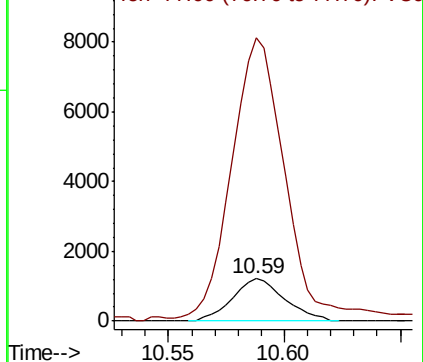
75 100

77 665.0 20.3 60.9#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0



#78

n-propylbenzene

Concen: 32.054 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027427.D

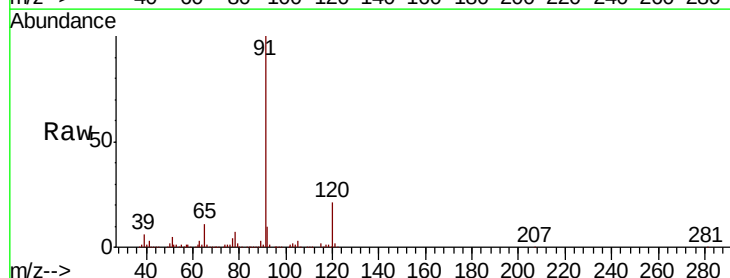
Acq: 04 Oct 2018 22:43

Tgt Ion: 91 Resp: 307478

Ion Ratio Lower Upper

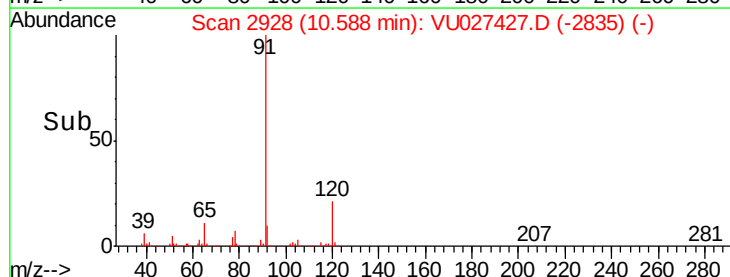
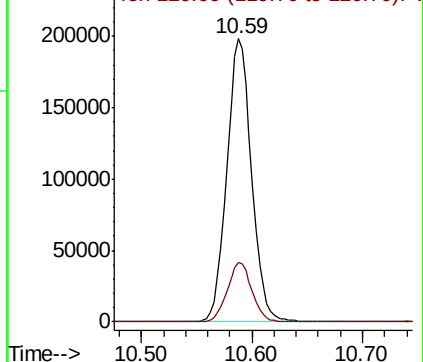
91 100

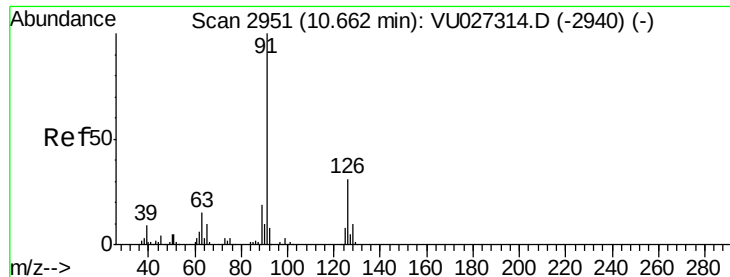
120 21.0 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

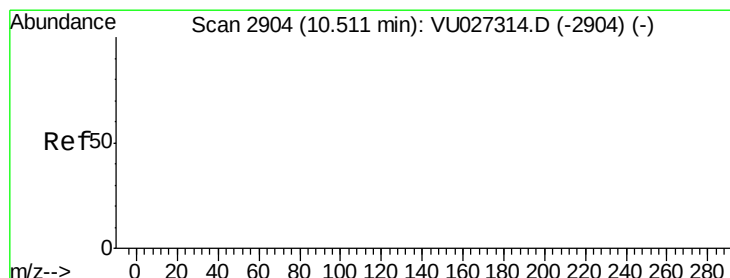
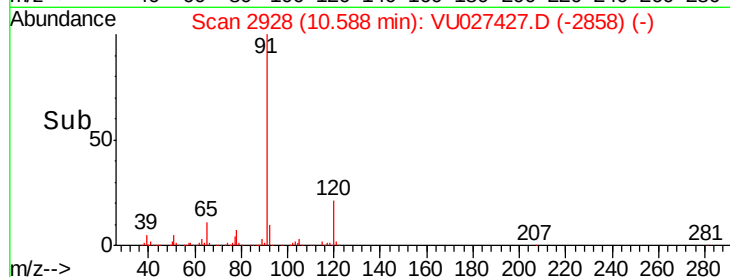
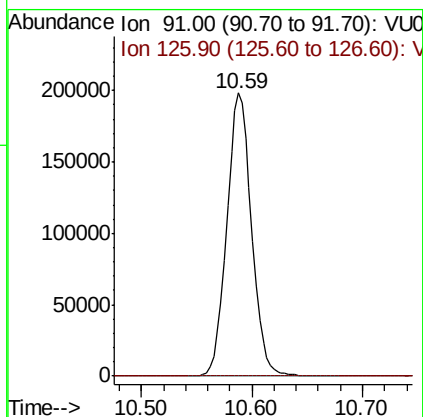
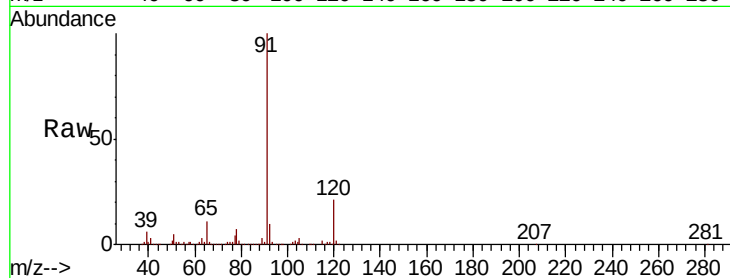




#79
 2-Chlorotoluene
 Concen: 53.089 ug/l
 RT: 10.59 min Scan# 2928
 Delta R.T. -0.07 min
 Lab File: VU027427.D
 Acq: 04 Oct 2018 22:43

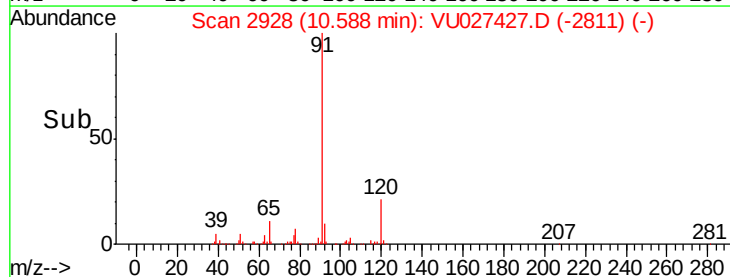
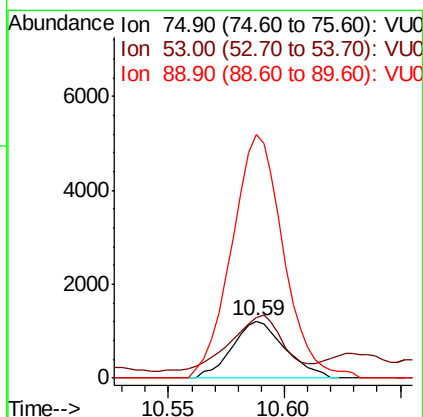
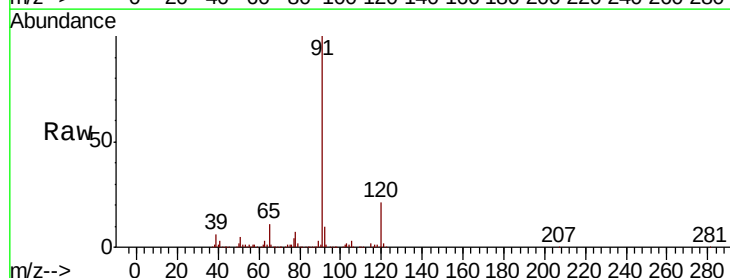
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-G-092718

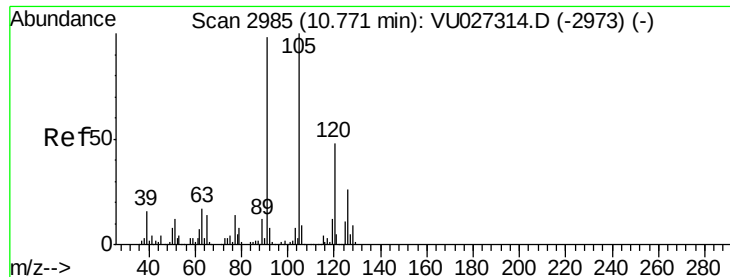
Tgt Ion: 91 Resp: 307478
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.7 47.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 1.758 ug/l
 RT: 10.59 min Scan# 2928
 Delta R.T. 0.08 min
 Lab File: VU027427.D
 Acq: 04 Oct 2018 22:43

Tgt Ion: 75 Resp: 1914
 Ion Ratio Lower Upper
 75 100
 53 97.4 0.0 0.0#
 89 419.1 0.0 0.0#

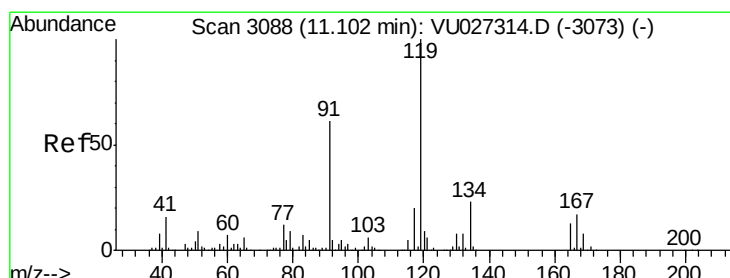
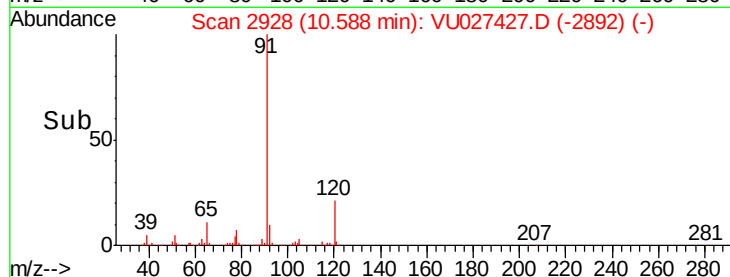
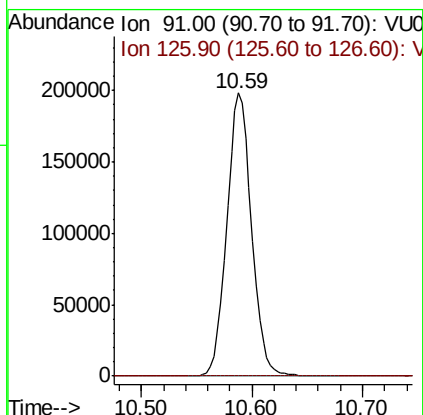
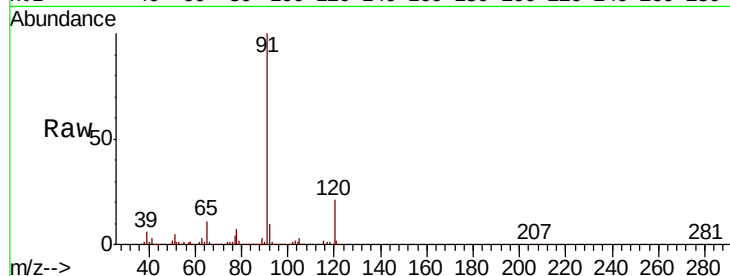




#82
4-Chlorotoluene
Concen: 46.782 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. -0.18 min
Lab File: VU027427.D
Acq: 04 Oct 2018 22:43

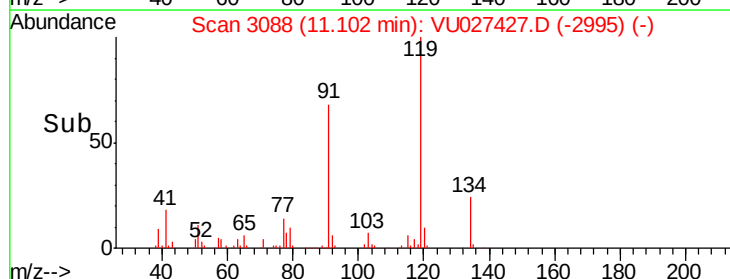
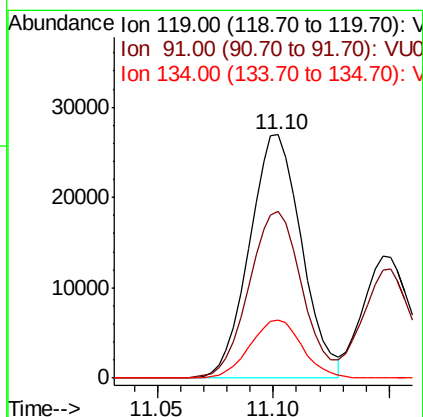
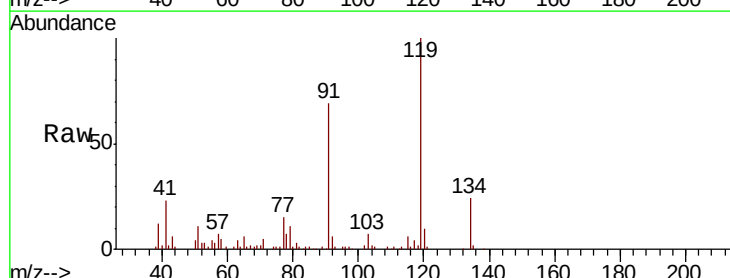
Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-G-092718

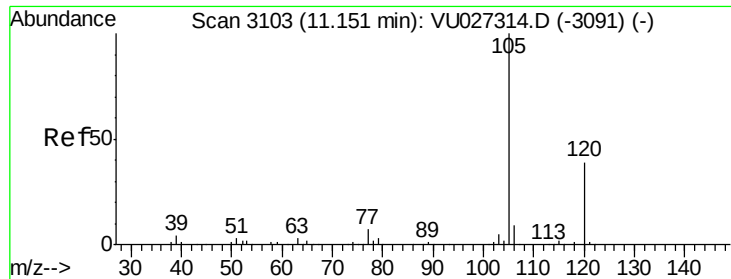
Tgt Ion: 91 Resp: 307478
Ion Ratio Lower Upper
91 100
126 0.0 13.6 40.8#



#83
tert-Butylbenzene
Concen: 6.734 ug/l
RT: 11.10 min Scan# 3088
Delta R.T. -0.00 min
Lab File: VU027427.D
Acq: 04 Oct 2018 22:43

Tgt Ion: 119 Resp: 42311
Ion Ratio Lower Upper
119 100
91 69.8 30.3 91.0
134 23.8 11.5 34.4

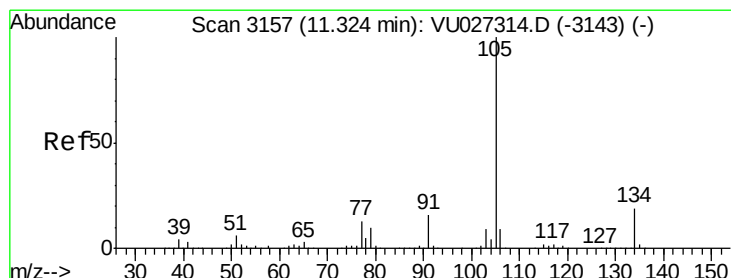
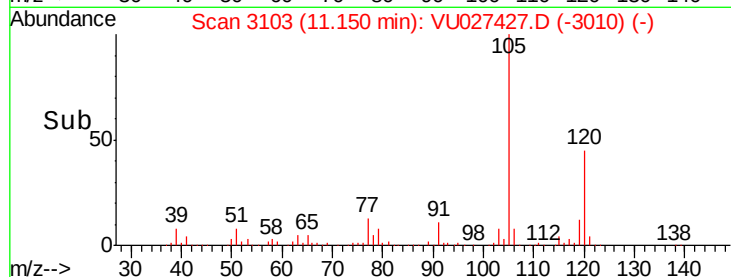
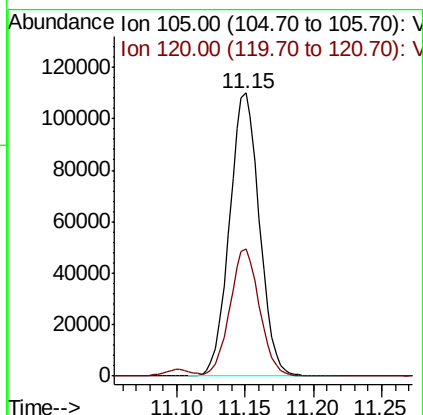
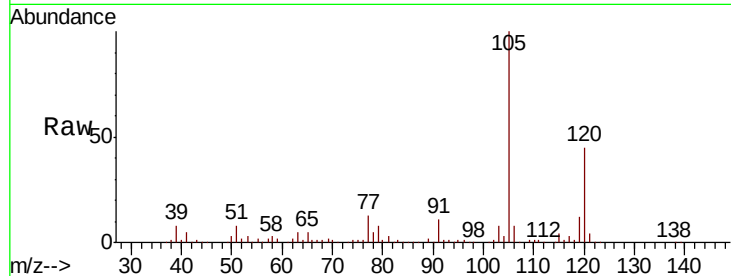




#84
 1,2,4-Trimethylbenzene
 Concen: 25.089 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: VU027427.D
 Acq: 04 Oct 2018 22:43

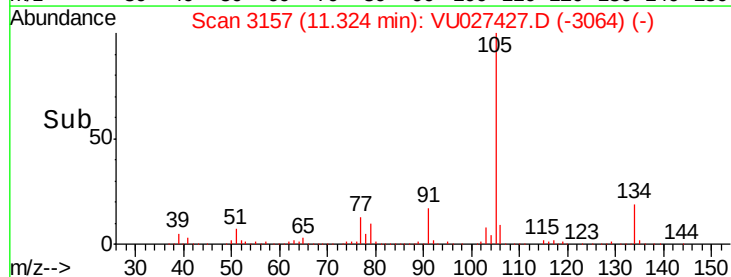
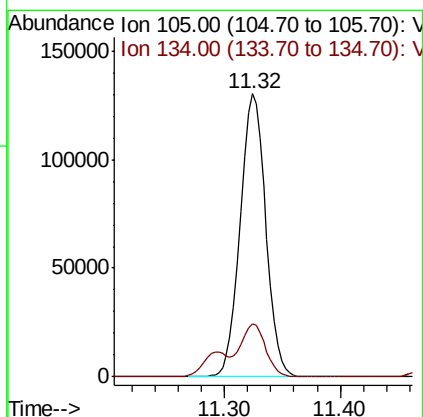
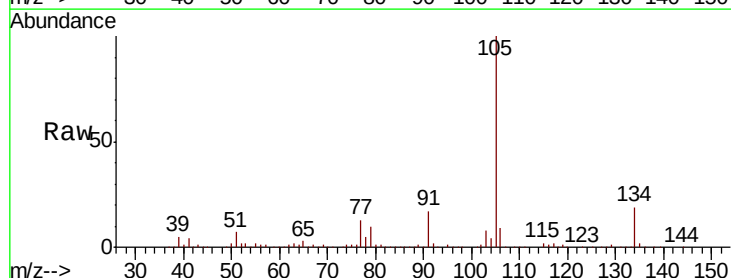
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-G-092718

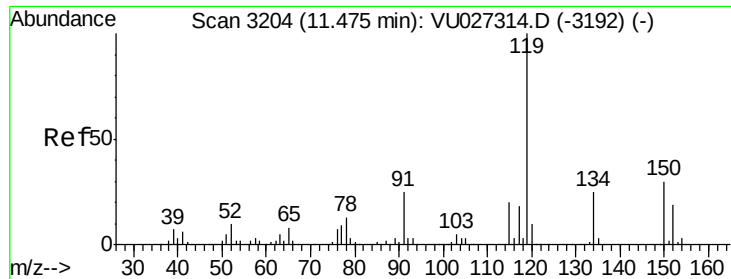
Tgt Ion:105 Resp: 166563
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 25.170 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU027427.D
 Acq: 04 Oct 2018 22:43

Tgt Ion:105 Resp: 199254
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.6 28.6

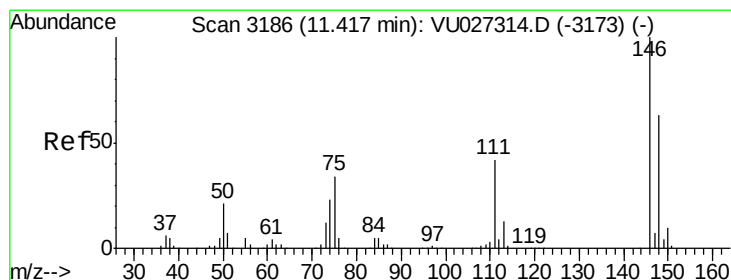
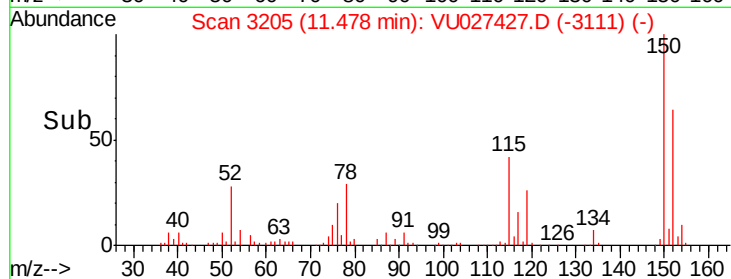
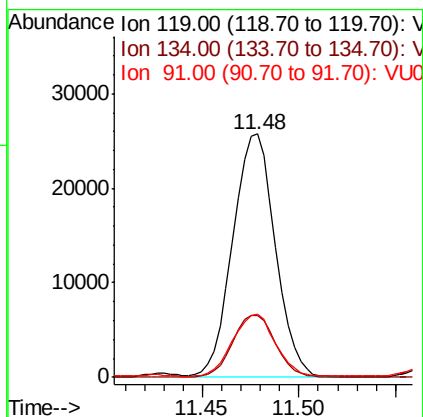
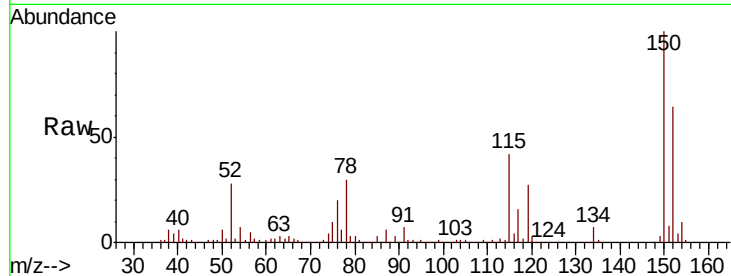




#86
 p-Isopropyltoluene
 Concen: 5.816 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU027427.D
 Acq: 04 Oct 2018 22:43

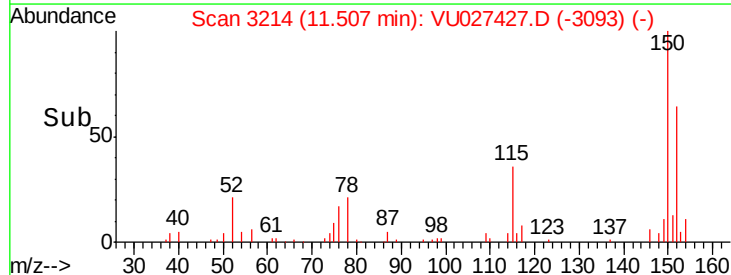
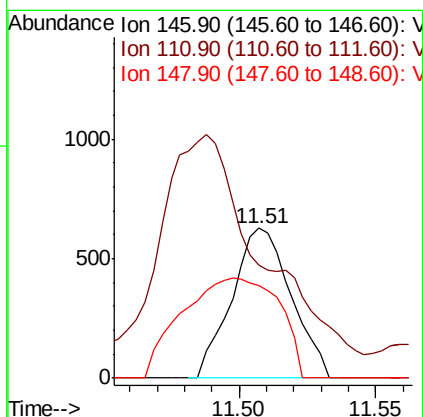
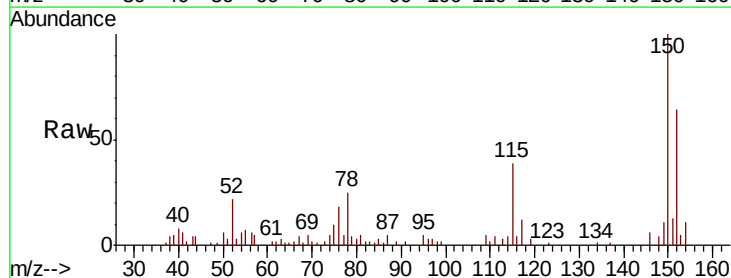
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-G-092718

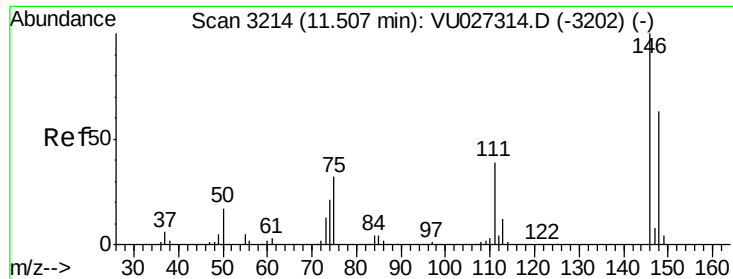
Tgt Ion:119 Resp: 39424
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.7 38.1
 91 25.4 12.2 36.4



#87
 1,3-Dichlorobenzene
 Concen: 0.269 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.09 min
 Lab File: VU027427.D
 Acq: 04 Oct 2018 22:43

Tgt Ion:146 Resp: 944
 Ion Ratio Lower Upper
 146 100
 111 233.4 20.8 62.5#
 148 109.5 31.6 94.8#

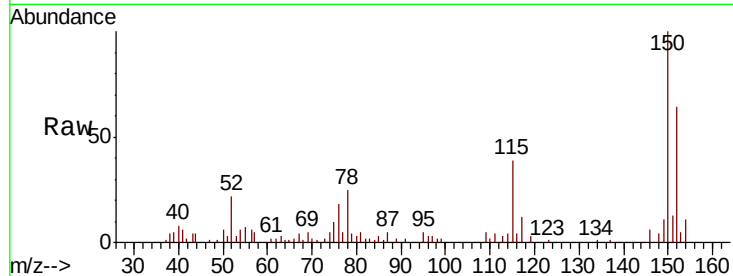




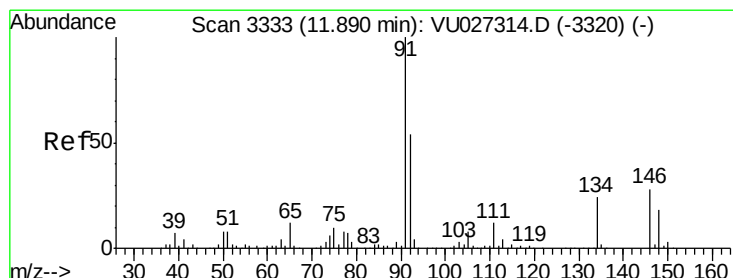
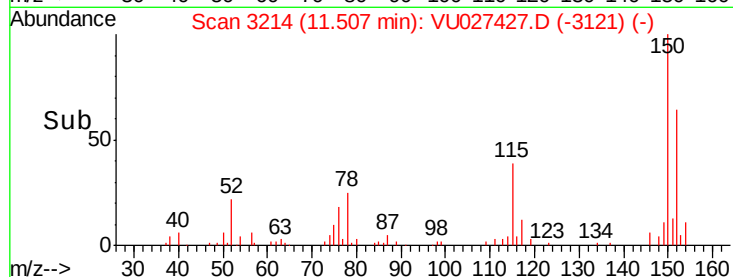
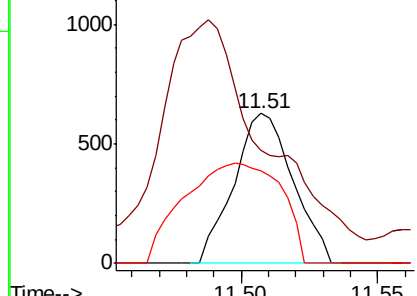
#88
 1,4-Dichlorobenzene
 Concen: 0.263 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU027427.D
 Acq: 04 Oct 2018 22:43

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-G-092718

Tgt Ion:146 Resp: 944
 Ion Ratio Lower Upper
 146 100
 111 233.4 20.4 61.2#
 148 109.5 31.9 95.5#

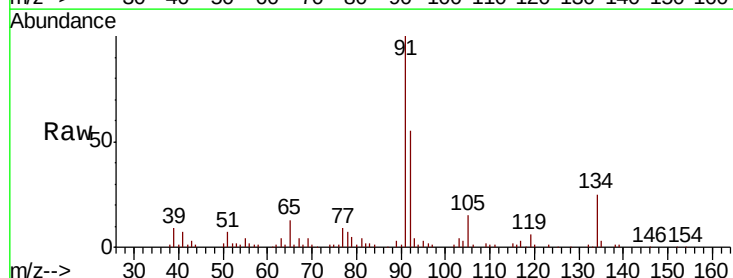


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

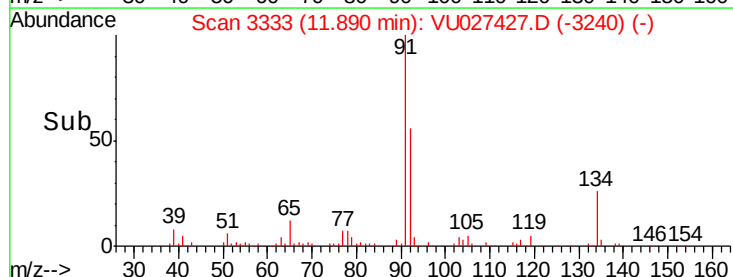
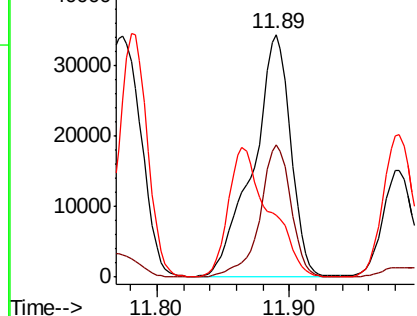


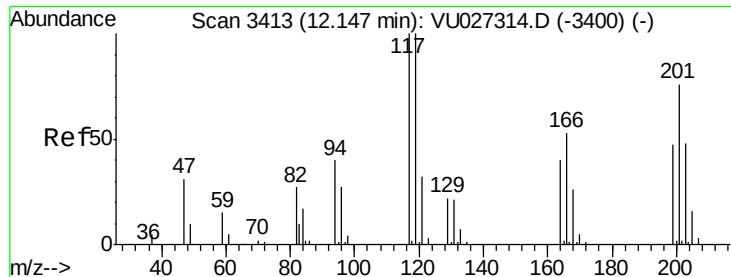
#89
 n-Butylbenzene
 Concen: 11.069 ug/l
 RT: 11.89 min Scan# 3333
 Delta R.T. -0.00 min
 Lab File: VU027427.D
 Acq: 04 Oct 2018 22:43

Tgt Ion: 91 Resp: 68260
 Ion Ratio Lower Upper
 91 100
 92 44.7 27.0 81.0
 134 0.0 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: 40.270 ug/l

RT: 12.29 min Scan# 3456

Delta R.T. 0.14 min

Lab File: VU027427.D

Acq: 04 Oct 2018 22:43

Instrument :

MSVOA_U

ClientSampleId :

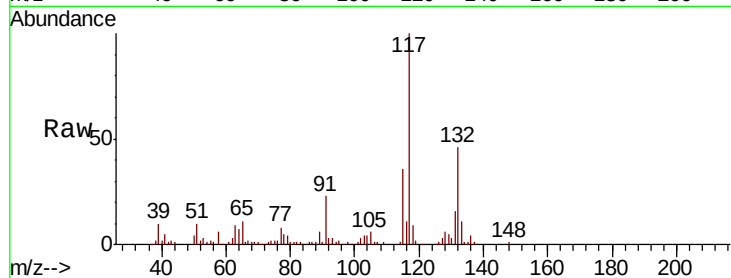
EP1-MW-G-092718

Tgt Ion:117 Resp: 51450

Ion Ratio Lower Upper

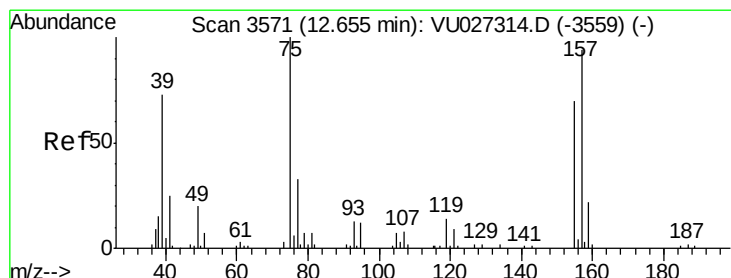
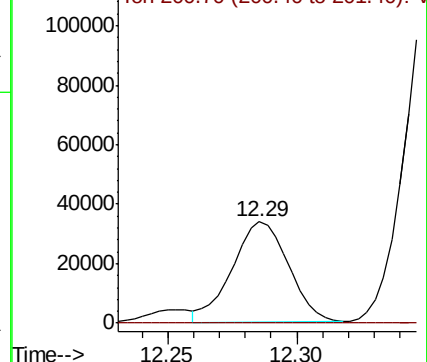
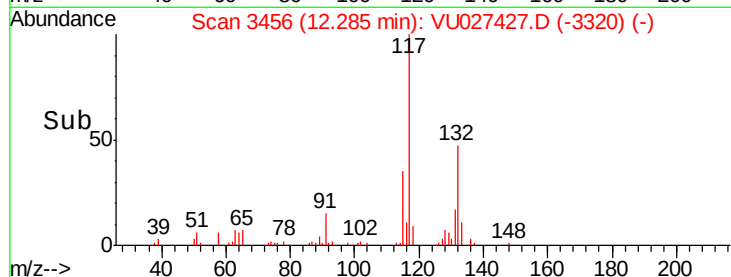
117 100

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: 1.922 ug/l

RT: 12.65 min Scan# 3569

Delta R.T. -0.01 min

Lab File: VU027427.D

Acq: 04 Oct 2018 22:43

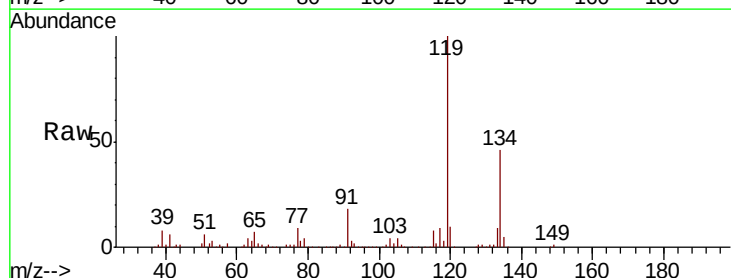
Tgt Ion: 75 Resp: 1335

Ion Ratio Lower Upper

75 100

155 0.0 35.9 107.8#

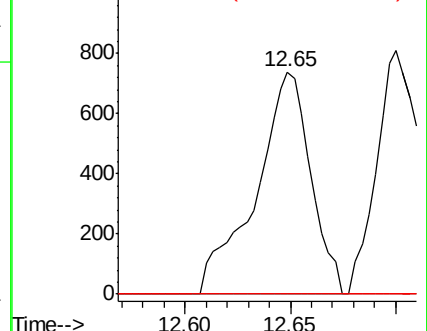
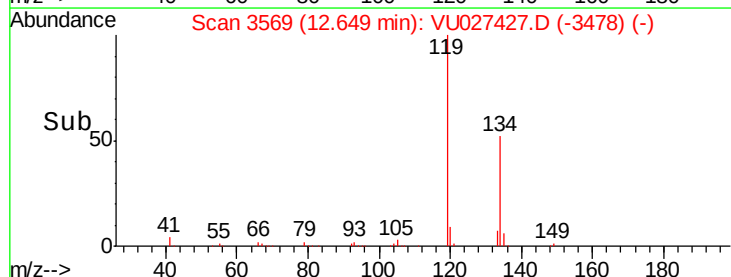
157 0.0 46.9 140.6#

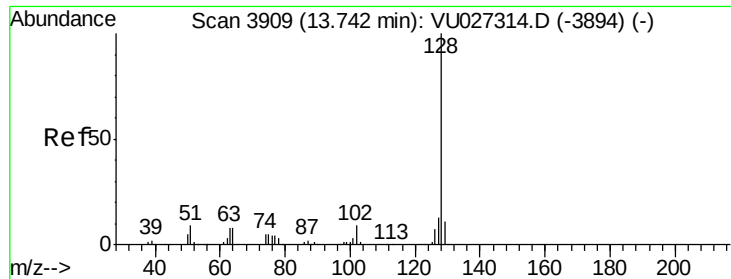


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 2.068 ug/l
RT: 13.74 min Scan# 3908
Delta R.T. -0.00 min
Lab File: VU027427.D
Acq: 04 Oct 2018 22:43

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-G-092718

Tgt Ion:128 Resp: 3511
Ion Ratio Lower Upper
128 100
127 9.7 10.5 15.7#
129 34.7 8.6 12.8#

