

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092218\
 Data File : VU026981.D
 Acq On : 21 Sep 2018 20:52
 Operator : MD/SY
 Sample : J4916-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FC-MW03SR1-20180911

Quant Time: Sep 22 02:23:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	76981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	157477	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	156790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	81061	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	89521	57.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.56%	
35) Dibromofluoromethane	4.88	113	66818	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
50) Toluene-d8	7.57	98	254215	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	10.31	95	91958	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	

Target Compounds

					Qvalue
4) Vinyl Chloride	1.40	62	404	0.250	ug/l 94
6) Chloroethane	1.70	64	86222	83.425	ug/l 97
11) Tert butyl alcohol	2.84	59	819	2.306	ug/l # 72
12) 1,1-Dichloroethene	2.29	96	2032	1.911	ug/l 95
13) Acrolein	1.95	56	4113	21.485	ug/l # 8
14) Allyl chloride	2.71	41	12690	5.885	ug/l # 59
15) Acrylonitrile	2.79	53	631	0.705	ug/l # 29
16) Acetone	2.32	43	9869	Below Cal	98
17) Carbon Disulfide	2.48	76	774	0.223	ug/l # 75
18) Methyl Acetate	2.71	43	29746	13.489	ug/l # 55
20) Methylene Chloride	2.71	84	661	0.476	ug/l # 27
24) 1,1-Dichloroethane	3.45	63	7787	3.065	ug/l 97
25) 2-Butanone	4.20	43	381	0.293	ug/l # 53
27) cis-1,2-Dichloroethene	4.23	96	2534	1.977	ug/l 94
29) Tetrahydrofuran	4.74	42	231	0.293	ug/l # 1
31) Cyclohexane	5.00	56	15803	6.341	ug/l # 94
36) 1,1-Dichloropropene	4.99	75	7184	3.418	ug/l # 51
38) Carbon Tetrachloride	4.99	117	8192	4.096	ug/l # 17
39) Methylcyclohexane	6.42	83	39853	17.449	ug/l 97
40) Benzene	5.40	78	5418	0.848	ug/l 93
41) Methacrylonitrile	4.73	41	2863	1.938	ug/l # 48
43) Isopropyl Acetate	5.49	43	20004	4.821	ug/l # 62
44) Trichloroethene	6.19	130	639	0.470	ug/l 78
47) Bromodichloromethane	6.65	83	653	0.294	ug/l # 24
48) Methyl methacrylate	6.64	41	6064	3.643	ug/l # 65
52) Toluene	7.64	92	1114	0.304	ug/l 97
55) 1,1,2-Trichloroethane	8.05	97	16752	10.795	ug/l # 17
56) Ethyl methacrylate	8.05	69	4139	3.663	ug/l # 1
59) 2-Hexanone	8.33	43	834	0.382	ug/l # 26
67) Ethyl Benzene	9.25	91	722925	105.749	ug/l 100
68) m/p-Xylenes	9.25	106	215827	78.287	ug/l # 18
70) Styrene	9.80	104	156	1.843	ug/l # 45
73) Isopropylbenzene	10.17	105	219500	35.597	ug/l 100
74) N-amyl acetate	10.05	43	1256	0.352	ug/l # 1

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 Sample : J4916-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

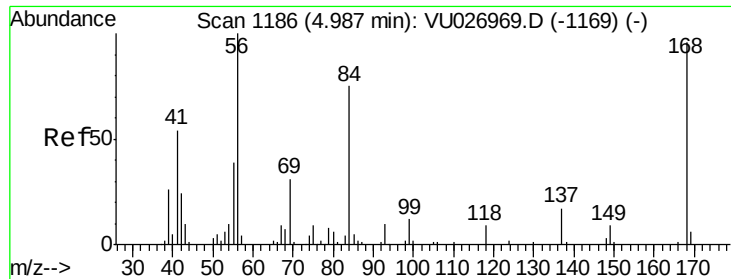
Instrument :
 MSVOA_U
 ClientSampleId :
 FC-MW03SR1-20180911

Quant Time: Sep 22 02:23:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

75) 1,1,2,2-Tetrachloroethane	10.49	83	1045	0.369	ug/l #	25
76) 1,2,3-Trichloropropane	10.59	75	1768	0.718	ug/l #	1
78) n-propylbenzene	10.59	91	288178	39.498	ug/l	100
79) 2-Chlorotoluene	10.59	91	288178	62.882	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.71	105	2733	0.537	ug/l #	29
81) trans-1,4-Dichloro-2-buten	10.59	75	1768	2.298	ug/l #	100
82) 4-Chlorotoluene	10.59	91	288178	56.080	ug/l #	47
83) tert-Butylbenzene	11.10	119	13725	2.727	ug/l	89
84) 1,2,4-Trimethylbenzene	11.15	105	15713	3.033	ug/l	100
85) sec-Butylbenzene	11.32	105	66140	10.767	ug/l	99
86) p-Isopropyltoluene	11.48	119	6306	2.001	ug/l	93
89) n-Butylbenzene	11.89	91	31227	7.714	ug/l #	74
90) Hexachloroethane	12.25	117	20336	18.205	ug/l #	13
91) 1,2-Dichlorobenzene	11.88	146	29308	9.840	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.65	75	1461	2.526	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.50	180	677	0.394	ug/l #	1
95) Naphthalene	13.74	128	732454	107.144	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	410	0.223	ug/l #	82

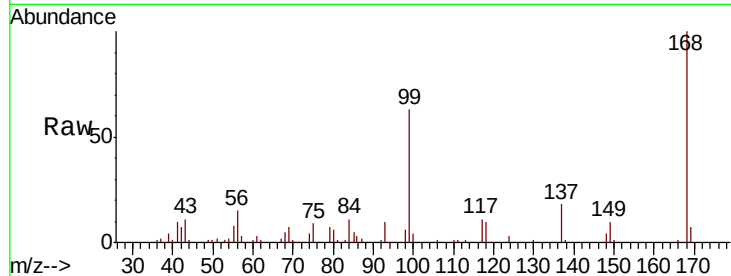
(#) = qualifier out of range (m) = manual integration (+) = signals summed



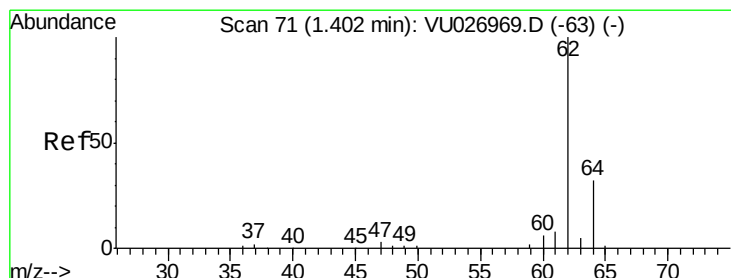
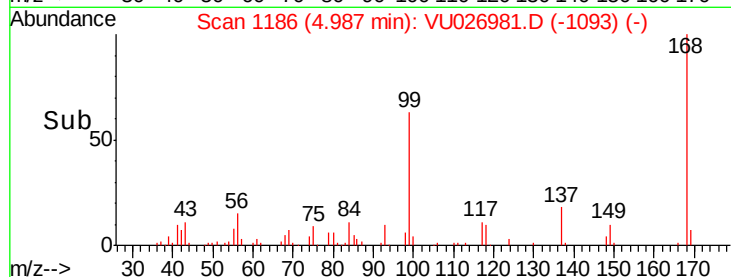
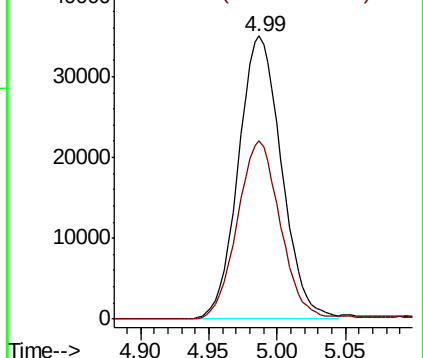
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU026981.D
Acq: 21 Sep 2018 20:52

Instrument :
MSVOA_U
ClientSampleId :
FC-MW03SR1-20180911

Tgt Ion: 168 Resp: 76981
Ion Ratio Lower Upper
168 100
99 63.2 48.1 72.1

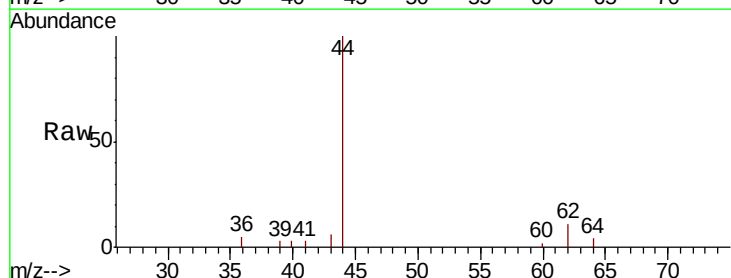


Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)
Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

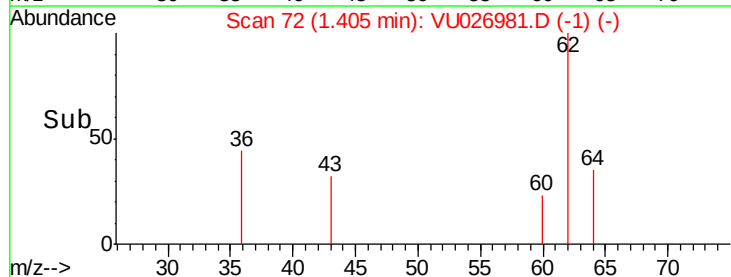
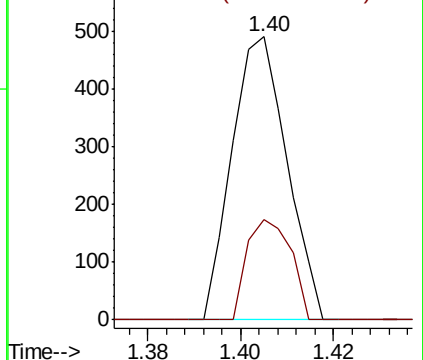


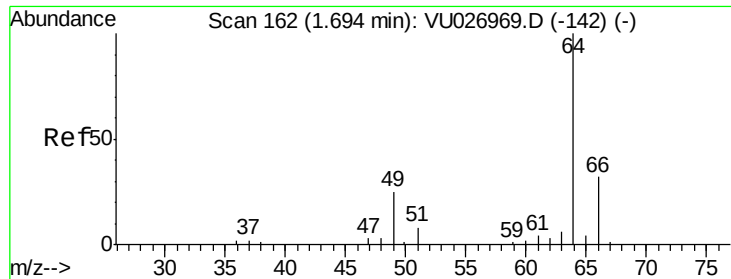
#4
Vinyl Chloride
Concen: 0.250 ug/l
RT: 1.40 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU026981.D
Acq: 21 Sep 2018 20:52

Tgt Ion: 62 Resp: 404
Ion Ratio Lower Upper
62 100
64 35.4 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU026969.D (-63) (-)
Ion 63.90 (63.60 to 64.60): VU026969.D (-63) (-)





#6

Chloroethane

Concen: 83.425 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.01 min

Lab File: VU026981.D

Acq: 21 Sep 2018 20:52

Instrument :

MSVOA_U

ClientSampleId :

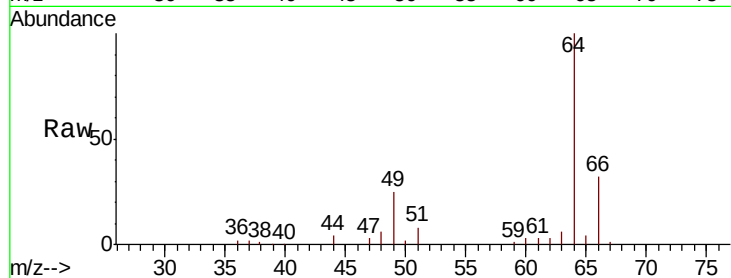
FC-MW03SR1-20180911

Tgt Ion: 64 Resp: 86222

Ion Ratio Lower Upper

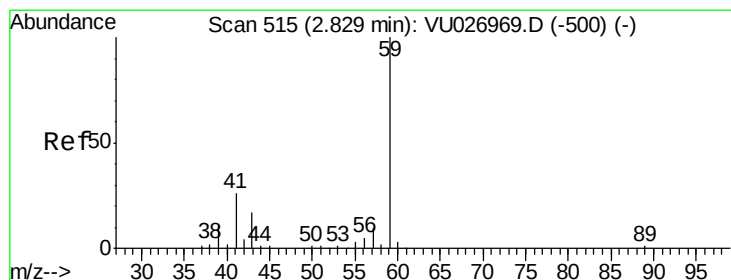
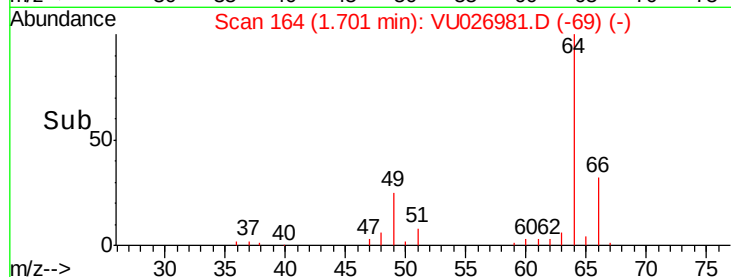
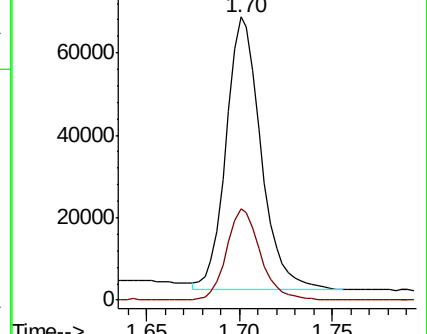
64 100

66 33.2 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



#11

Tert butyl alcohol

Concen: 2.306 ug/l

RT: 2.84 min Scan# 519

Delta R.T. 0.01 min

Lab File: VU026981.D

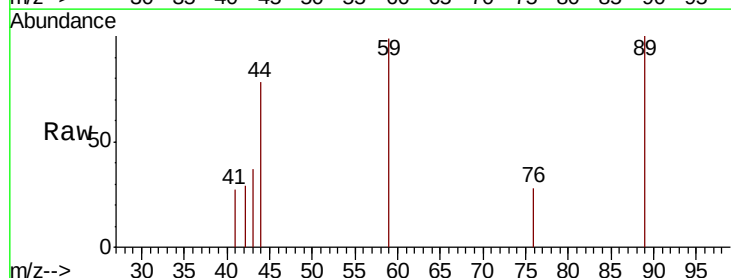
Acq: 21 Sep 2018 20:52

Tgt Ion: 59 Resp: 819

Ion Ratio Lower Upper

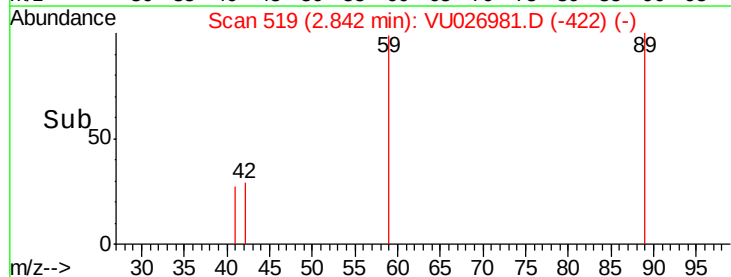
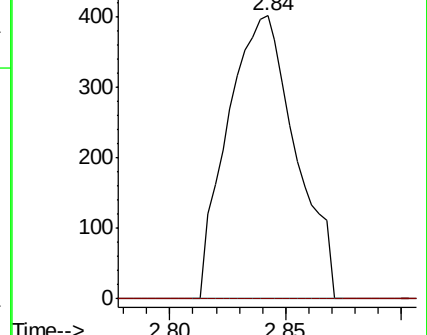
59 100

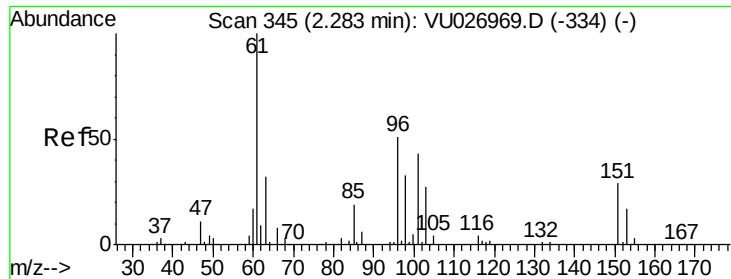
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

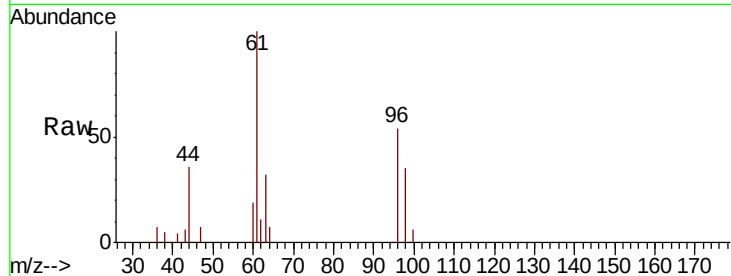




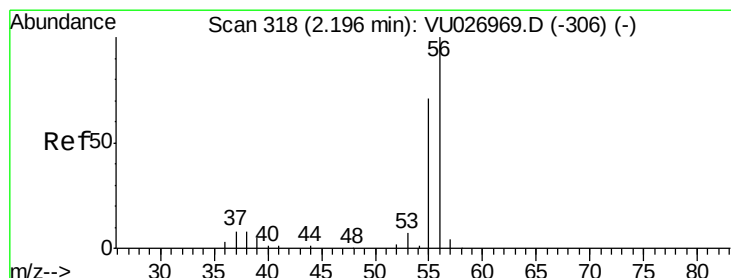
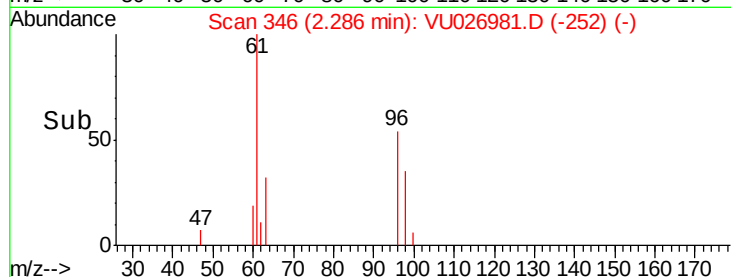
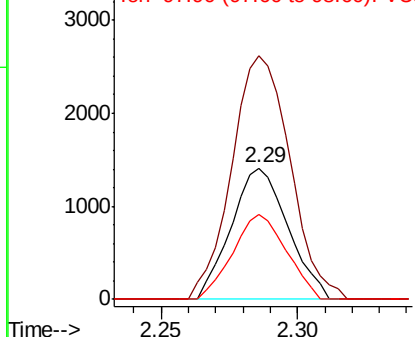
#12
 1,1-Dichloroethene
 Concen: 1.911 ug/l
 RT: 2.29 min Scan# 346
 Delta R.T. 0.00 min
 Lab File: VU026981.D
 Acq: 21 Sep 2018 20:52

Instrument :
 MSVOA_U
 ClientSampleId :
 FC-MW03SR1-20180911

Tgt Ion: 96 Resp: 2032
 Ion Ratio Lower Upper
 96 100
 61 185.8 156.1 234.1
 98 64.3 51.4 77.0

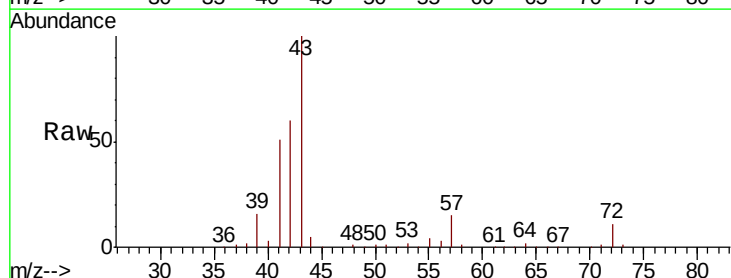


Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0

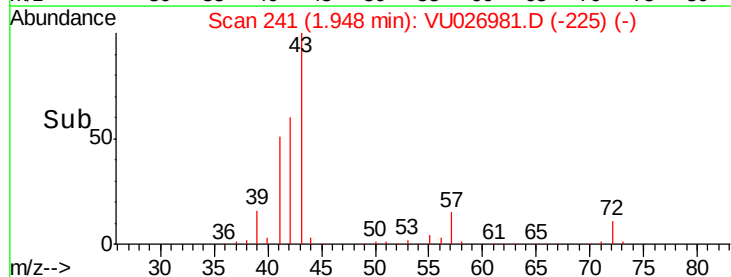
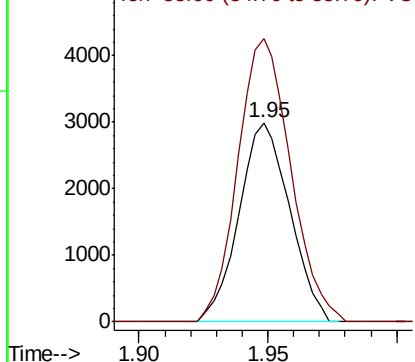


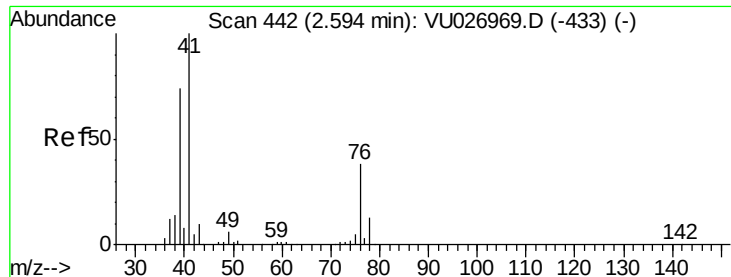
#13
 Acrolein
 Concen: 21.485 ug/l
 RT: 1.95 min Scan# 241
 Delta R.T. -0.25 min
 Lab File: VU026981.D
 Acq: 21 Sep 2018 20:52

Tgt Ion: 56 Resp: 4113
 Ion Ratio Lower Upper
 56 100
 55 148.0 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VU0
 Ion 55.00 (54.70 to 55.70): VU0

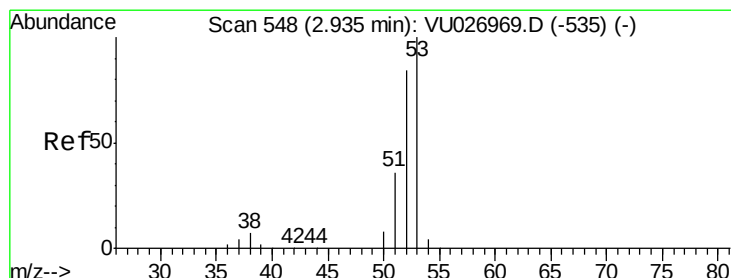
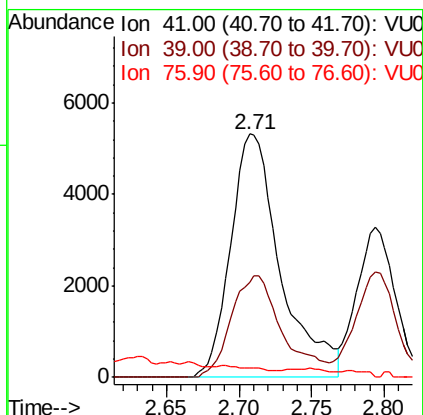
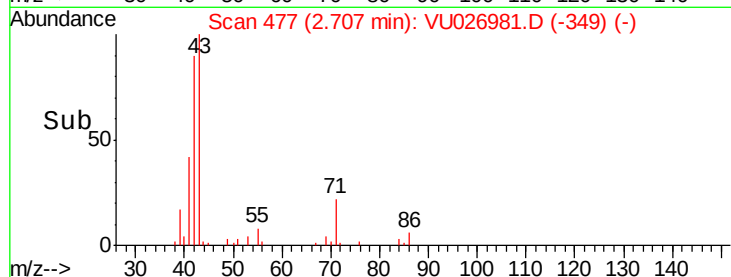
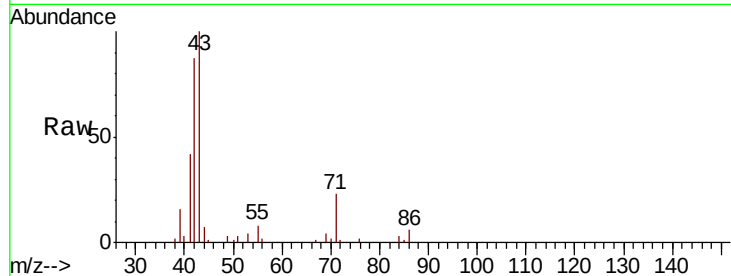




#14
 Allyl chloride
 Concen: 5.885 ug/l
 RT: 2.71 min Scan# 477
 Delta R.T. 0.11 min
 Lab File: VU026981.D
 Acq: 21 Sep 2018 20:52

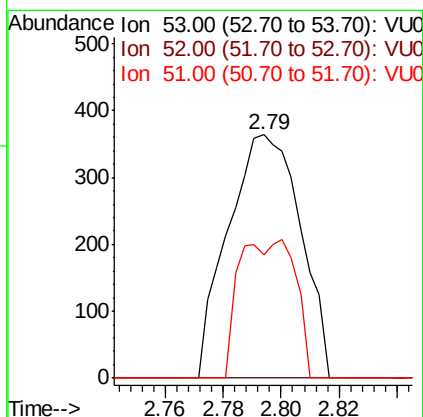
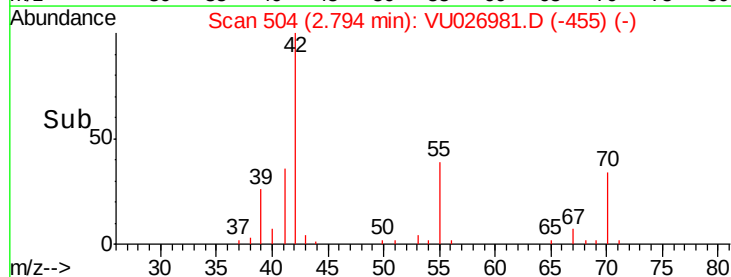
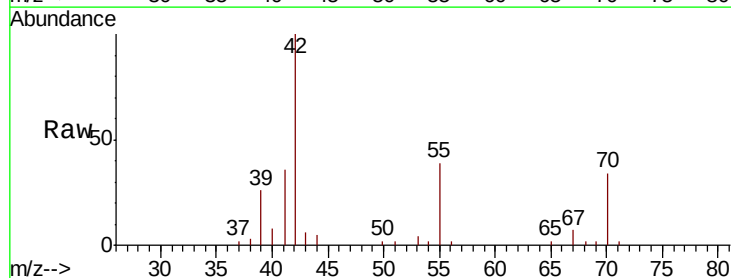
Instrument :
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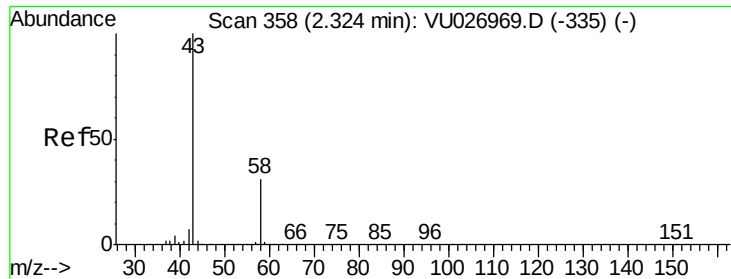
Tgt Ion: 41 Resp: 12690
 Ion Ratio Lower Upper
 41 100
 39 43.1 55.7 83.5#
 76 0.0 26.5 39.7#



#15
 Acrylonitrile
 Concen: 0.705 ug/l
 RT: 2.79 min Scan# 504
 Delta R.T. -0.14 min
 Lab File: VU026981.D
 Acq: 21 Sep 2018 20:52

Tgt Ion: 53 Resp: 631
 Ion Ratio Lower Upper
 53 100
 52 0.0 65.7 98.5#
 51 22.7 27.4 41.2#





#16

Acetone

Concen: Below Cal

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU026981.D

Acq: 21 Sep 2018 20:52

Instrument :

MSVOA_U

ClientSampleId :

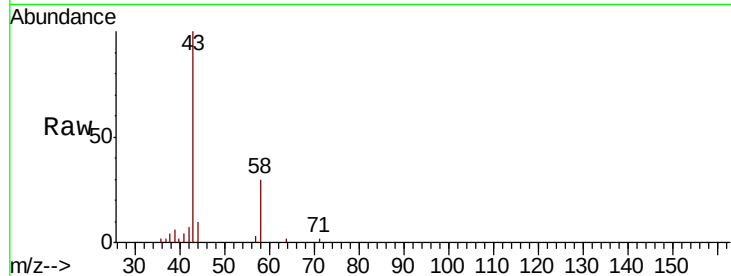
FC-MW03SR1-20180911

Tgt Ion: 43 Resp: 9869

Ion Ratio Lower Upper

43 100

58 29.7 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

6000

5000

4000

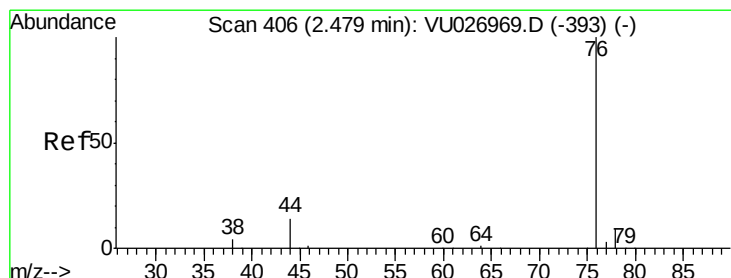
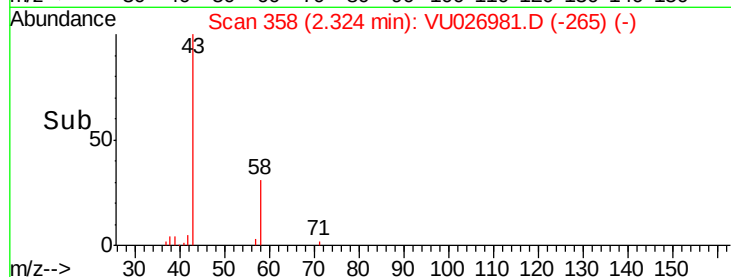
3000

2000

1000

0

Time-->



#17

Carbon Disulfide

Concen: 0.223 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU026981.D

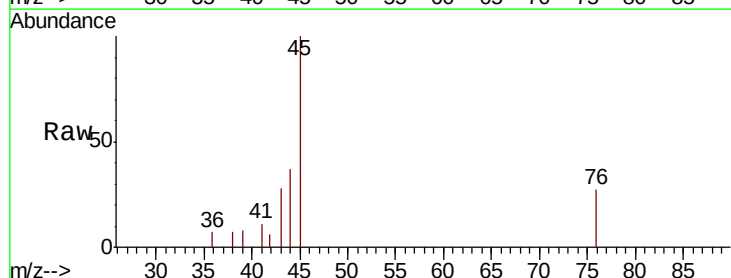
Acq: 21 Sep 2018 20:52

Tgt Ion: 76 Resp: 774

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

2.48

500

400

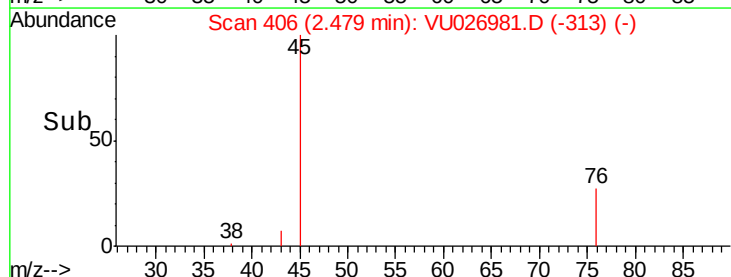
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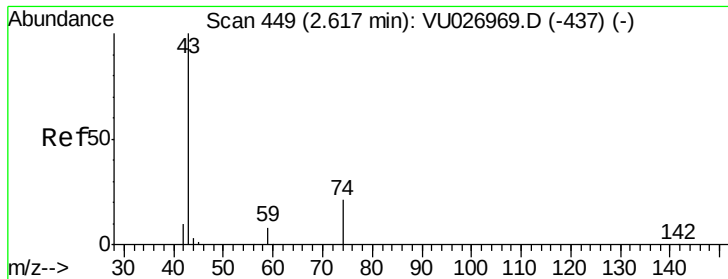
200

100

0

Time-->

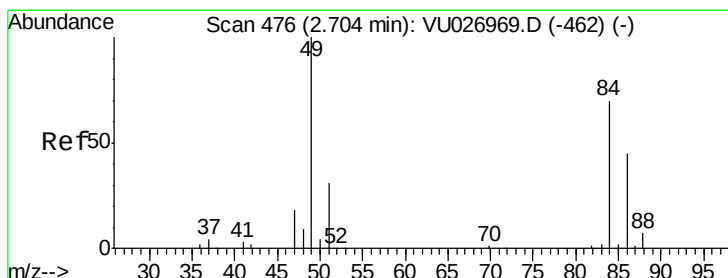
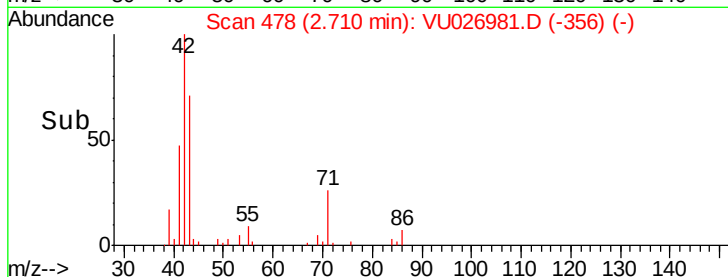
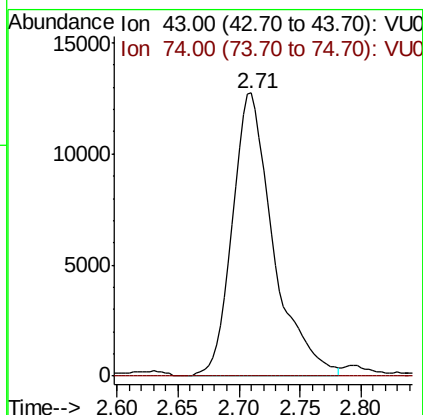
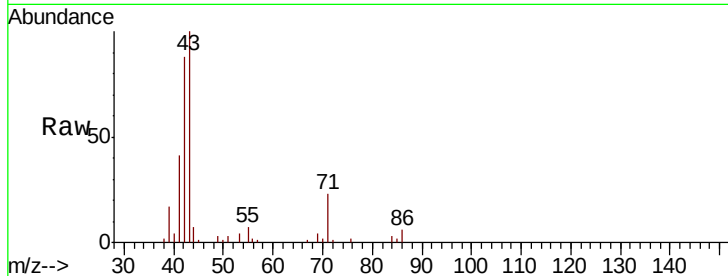




#18
Methyl Acetate
Concen: 13.489 ug/l
RT: 2.71 min Scan# 478
Delta R.T. 0.09 min
Lab File: VU026981.D
Acq: 21 Sep 2018 20:52

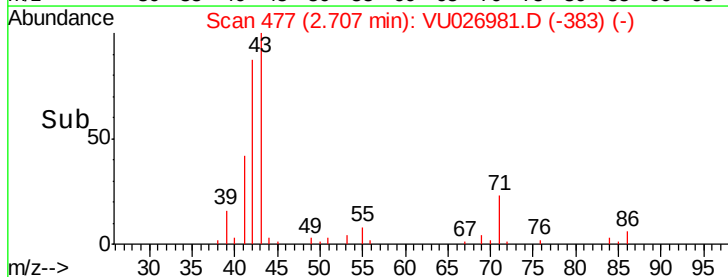
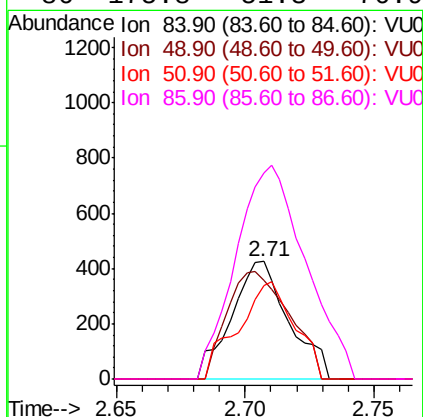
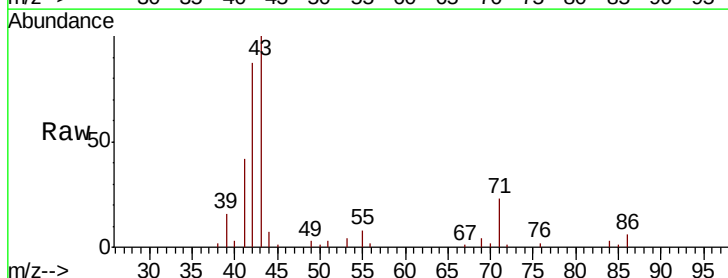
Instrument :
MSVOA_U
ClientSampleId :
FC-MW03SR1-20180911

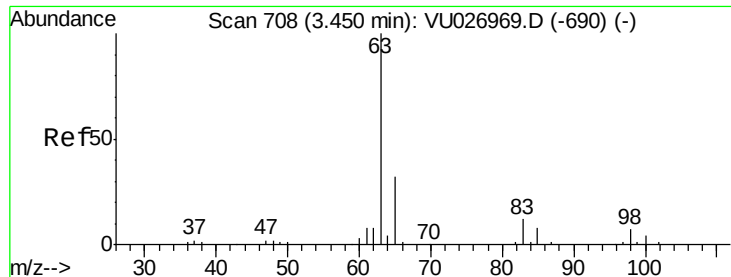
Tgt Ion: 43 Resp: 29746
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#20
Methylene Chloride
Concen: 0.476 ug/l
RT: 2.71 min Scan# 477
Delta R.T. 0.00 min
Lab File: VU026981.D
Acq: 21 Sep 2018 20:52

Tgt Ion: 84 Resp: 661
Ion Ratio Lower Upper
84 100
49 84.5 114.9 172.3#
51 79.5 35.8 53.8#
86 175.8 51.3 76.9#

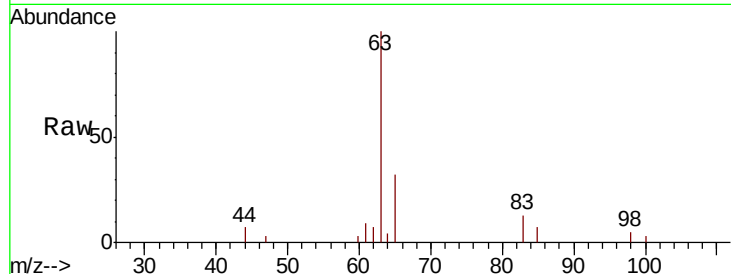




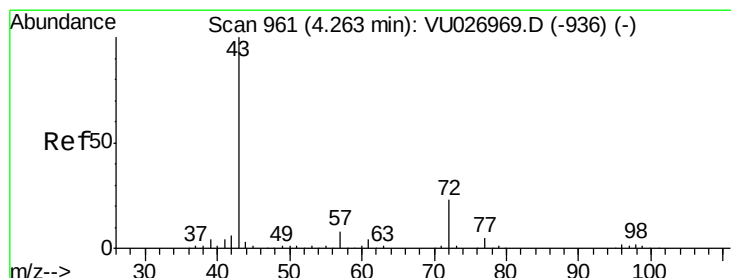
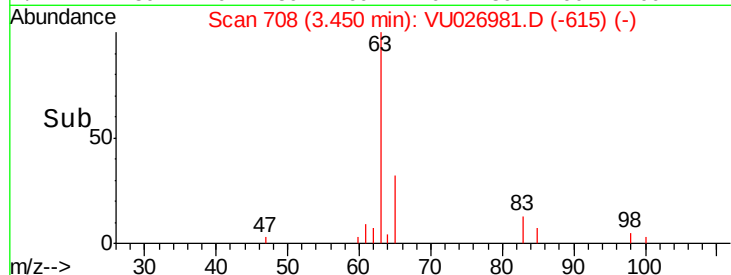
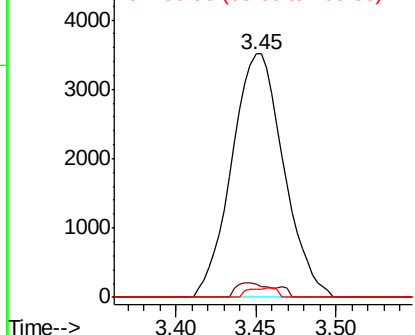
#24
 1,1-Dichloroethane
 Concen: 3.065 ug/l
 RT: 3.45 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VU026981.D
 Acq: 21 Sep 2018 20:52

Instrument :
 MSVOA_U
 ClientSampleId :
 FC-MW03SR1-20180911

Tgt Ion: 63 Resp: 7787
 Ion Ratio Lower Upper
 63 100
 98 5.3 3.3 9.8
 100 3.1 2.0 5.8

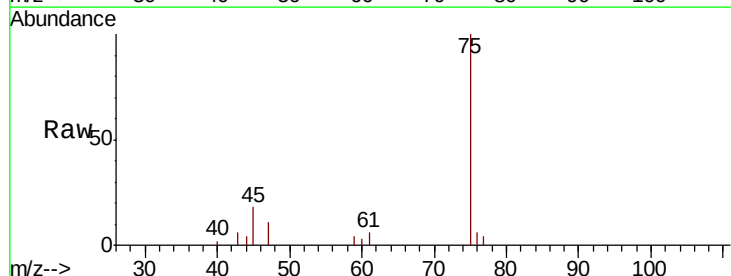


Abundance Ion 62.90 (62.60 to 63.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0
 Ion 99.90 (99.60 to 100.60): VU0

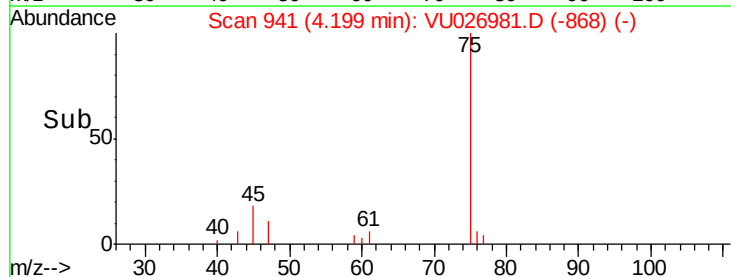
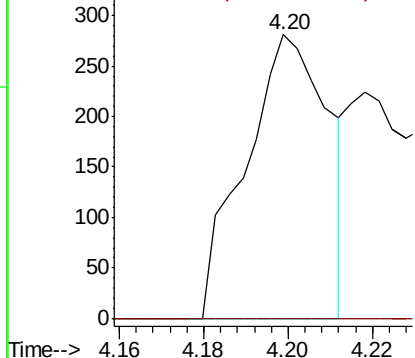


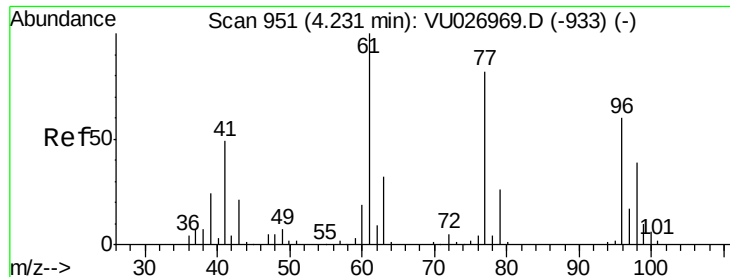
#25
 2-Butanone
 Concen: 0.293 ug/l
 RT: 4.20 min Scan# 941
 Delta R.T. -0.06 min
 Lab File: VU026981.D
 Acq: 21 Sep 2018 20:52

Tgt Ion: 43 Resp: 381
 Ion Ratio Lower Upper
 43 100
 72 0.0 18.4 27.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 72.00 (71.70 to 72.70): VU0



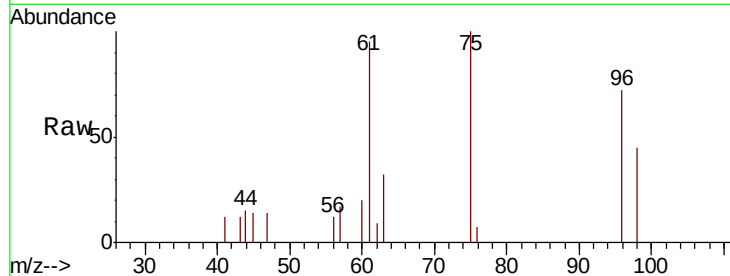


#27

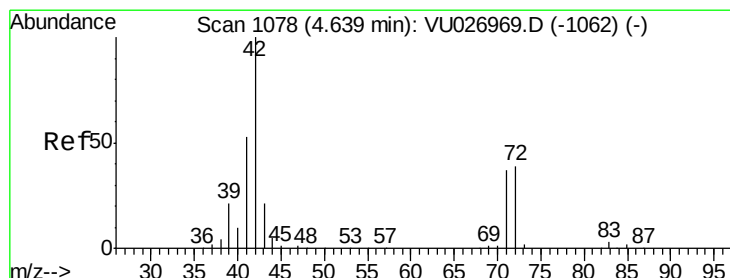
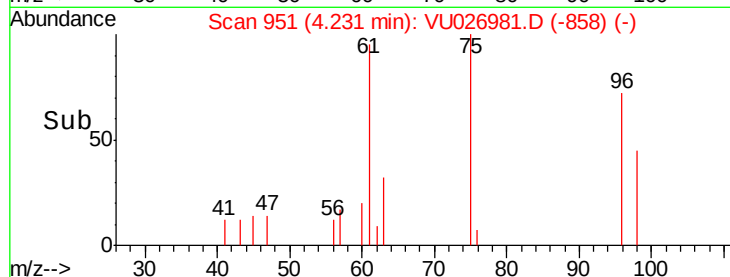
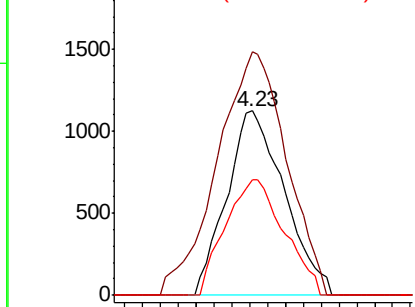
cis-1,2-Dichloroethene
 Concen: 1.977 ug/l
 RT: 4.23 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: VU026981.D
 Acq: 21 Sep 2018 20:52

Instrument :
 MSVOA_U
 ClientSampleId :
 FC-MW03SR1-20180911

Tgt Ion: 96 Resp: 2534
 Ion Ratio Lower Upper
 96 100
 61 158.3 0.0 337.2
 98 64.0 0.0 127.6



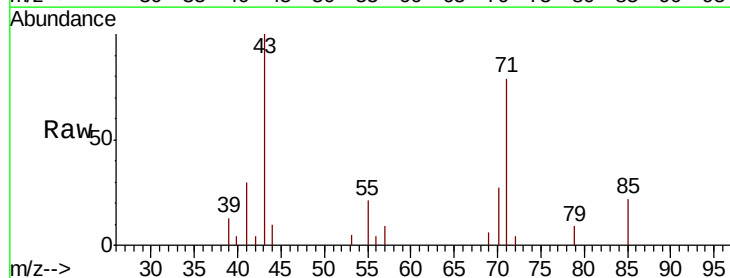
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



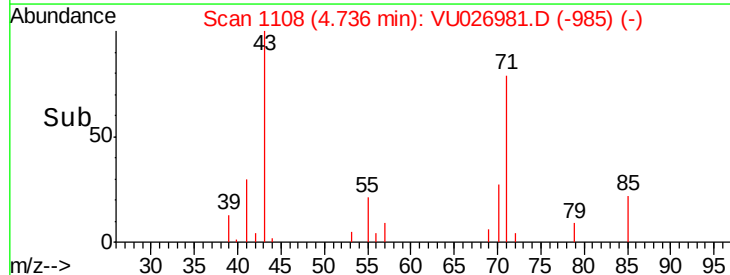
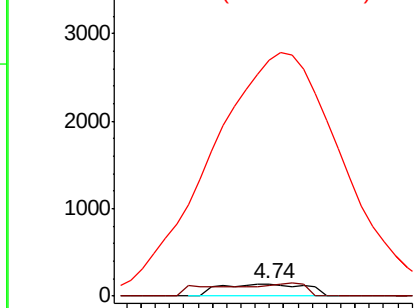
#29

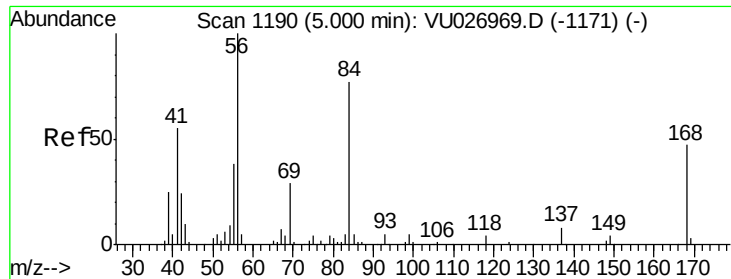
Tetrahydrofuran
 Concen: 0.293 ug/l
 RT: 4.74 min Scan# 1108
 Delta R.T. 0.10 min
 Lab File: VU026981.D
 Acq: 21 Sep 2018 20:52

Tgt Ion: 42 Resp: 231
 Ion Ratio Lower Upper
 42 100
 72 45.5 31.7 47.5
 71 3155.8 29.6 44.4#



Abundance Ion 42.00 (41.70 to 42.70): VU0
 Ion 72.00 (71.70 to 72.70): VU0
 Ion 71.00 (70.70 to 71.70): VU0

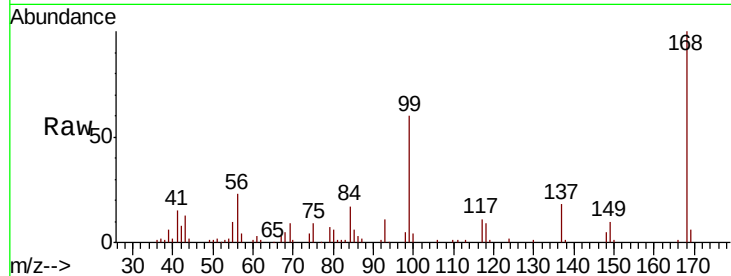




#31
Cyclohexane
Concen: 6.341 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU026981.D
Acq: 21 Sep 2018 20:52

Instrument :
MSVOA_U
ClientSampleId :
FC-MW03SR1-20180911

Tgt Ion	Resp	Lower	Upper
56	15803		
69	39.6	23.0	34.4#
84	77.0	61.4	92.2

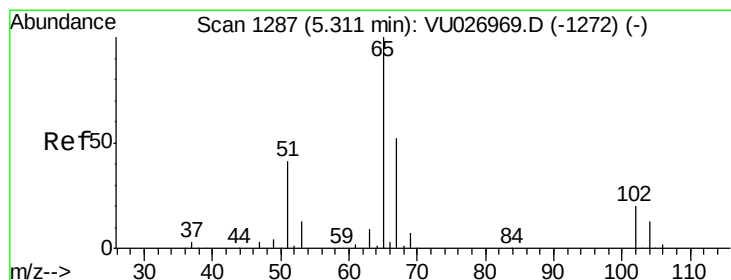
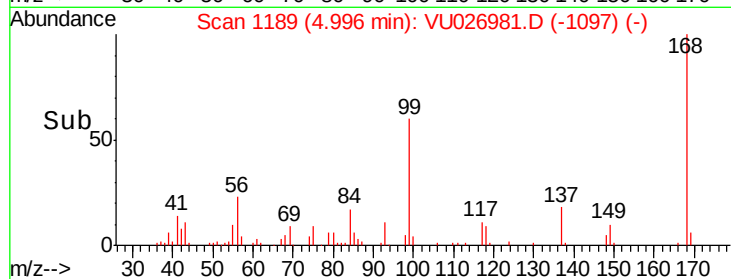
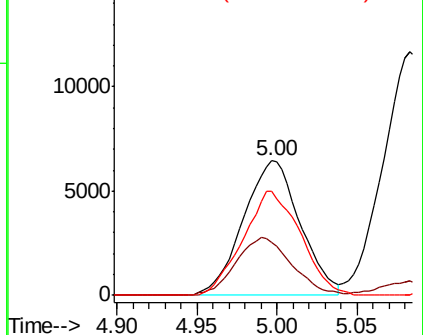


Abundance

Ion 56.00 (55.70 to 56.70): VU0

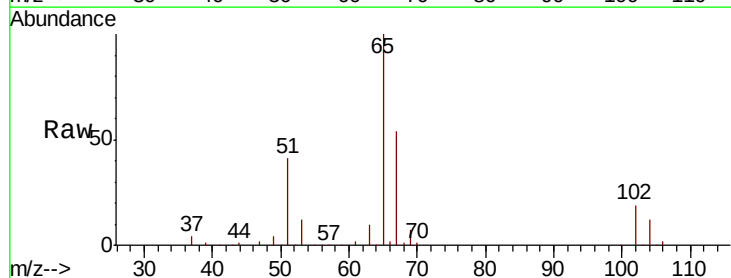
Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#33
1,2-Dichloroethane-d4
Concen: 57.779 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU026981.D
Acq: 21 Sep 2018 20:52

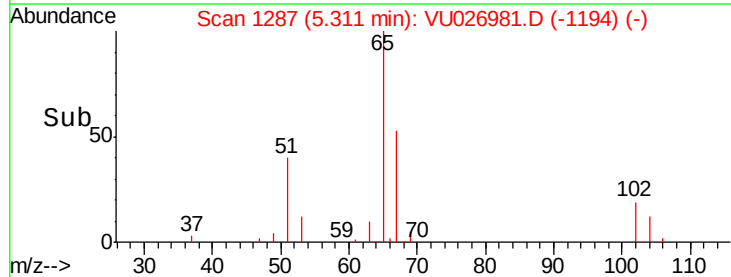
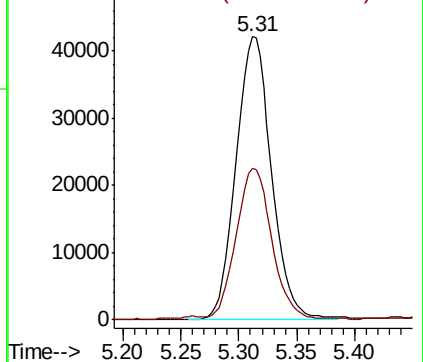
Tgt Ion	Resp	Lower	Upper
65	89521		
67	53.3	0.0	105.6

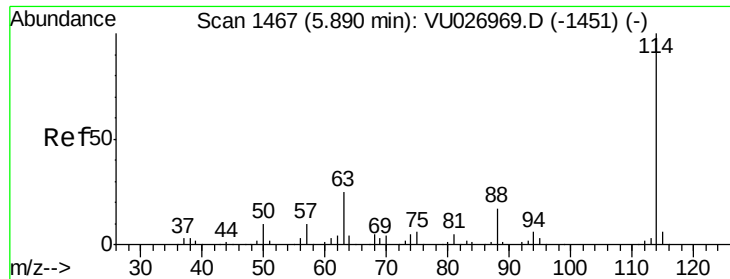


Abundance

Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

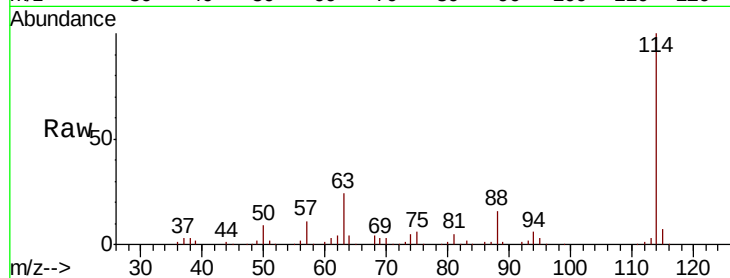




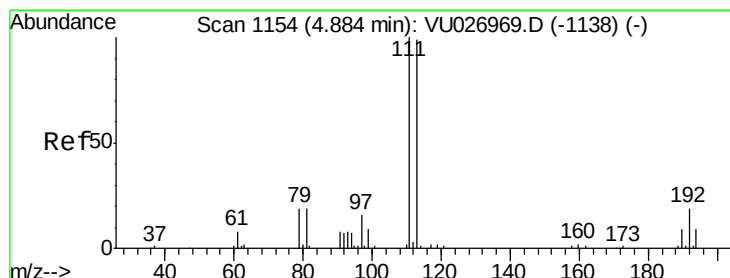
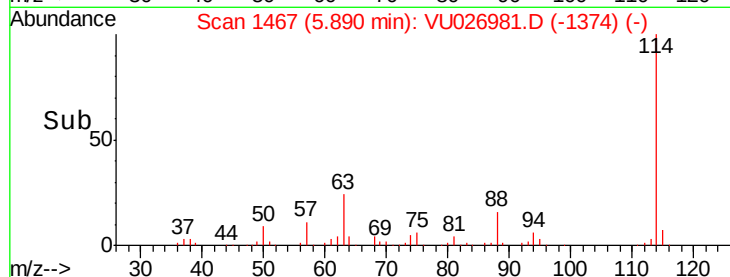
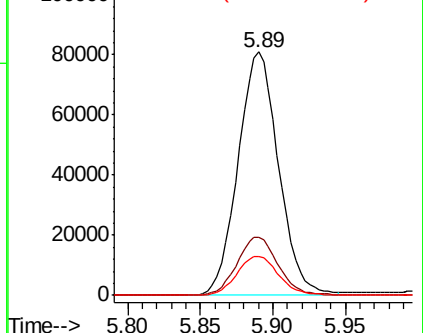
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU026981.D
 Acq: 21 Sep 2018 20:52

Instrument :
 MSVOA_U
 ClientSampleId :
 FC-MW03SR1-20180911

Tgt Ion:114 Resp: 157477
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 49.2
 88 16.0 0.0 33.8

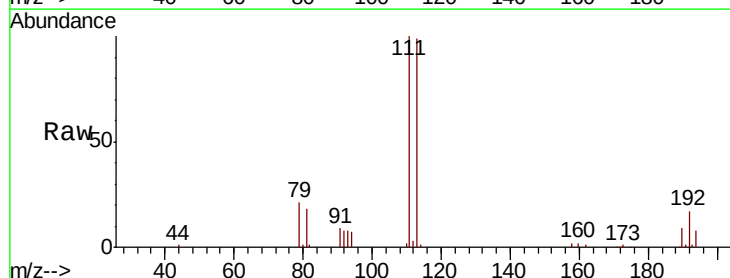


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

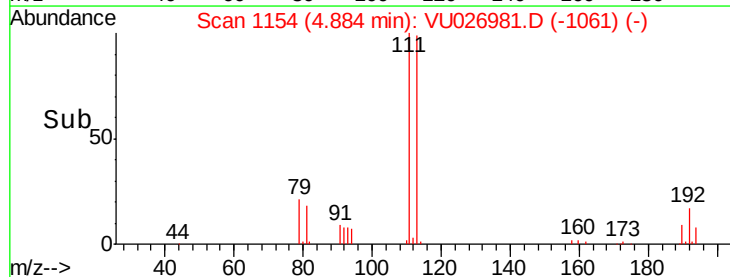
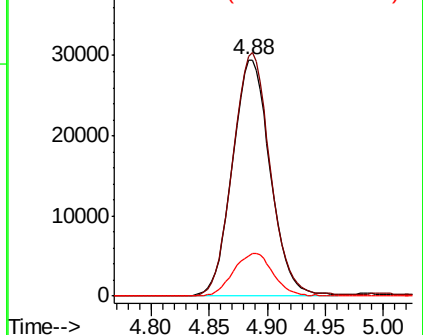


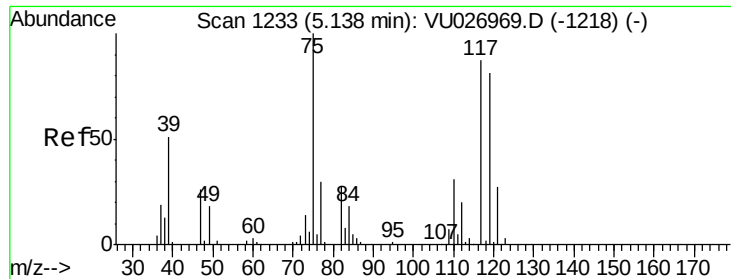
#35
 Dibromofluoromethane
 Concen: 48.950 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU026981.D
 Acq: 21 Sep 2018 20:52

Tgt Ion:113 Resp: 66818
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.4
 192 19.0 15.2 22.8



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: 3.418 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU026981.D

Acq: 21 Sep 2018 20:52

Instrument :

MSVOA_U

ClientSampleId :

FC-MW03SR1-20180911

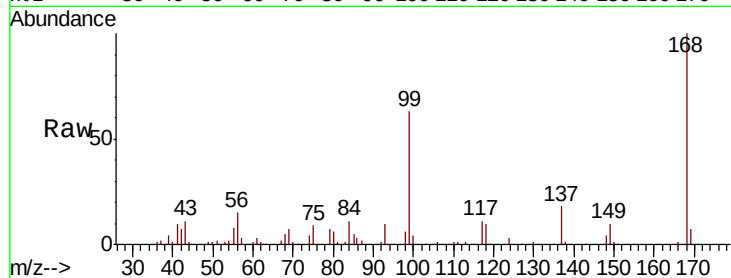
Tgt Ion: 75 Resp: 7184

Ion Ratio Lower Upper

75 100

110 6.9 16.1 48.2#

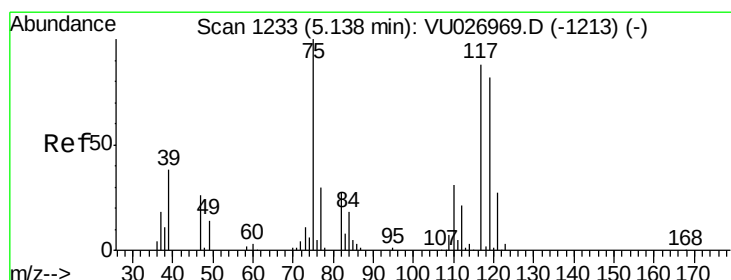
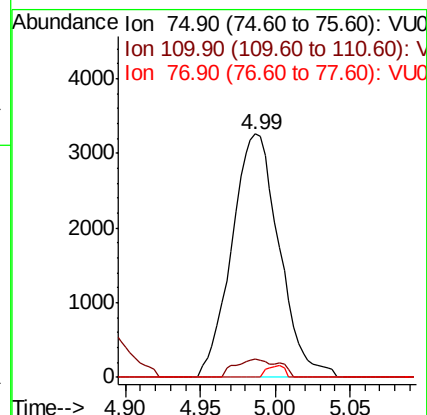
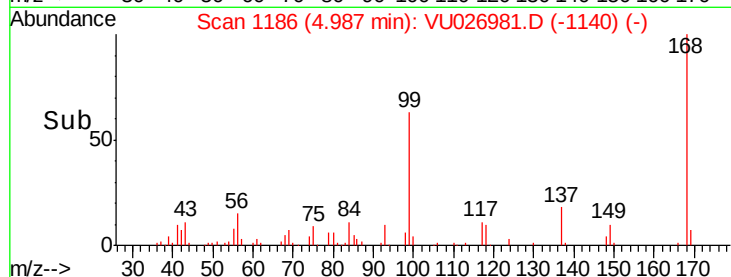
77 1.8 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0



#38

Carbon Tetrachloride

Concen: 4.096 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU026981.D

Acq: 21 Sep 2018 20:52

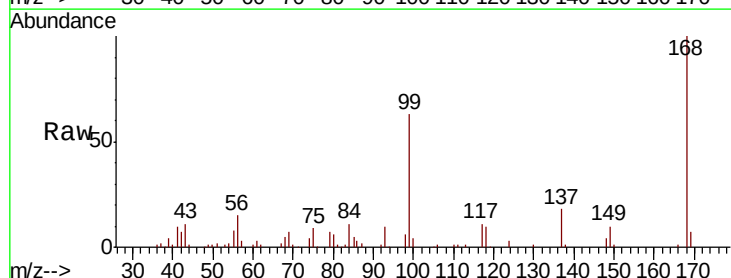
Tgt Ion: 117 Resp: 8192

Ion Ratio Lower Upper

117 100

119 4.6 74.4 111.6#

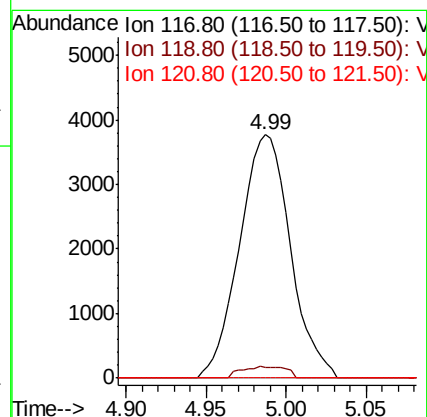
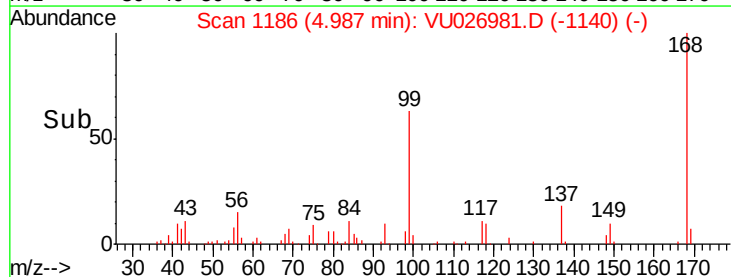
121 0.0 24.2 36.4#

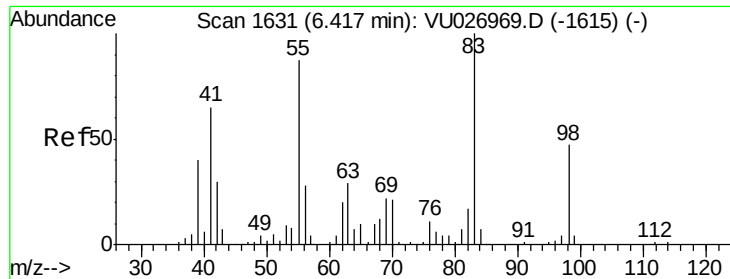


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

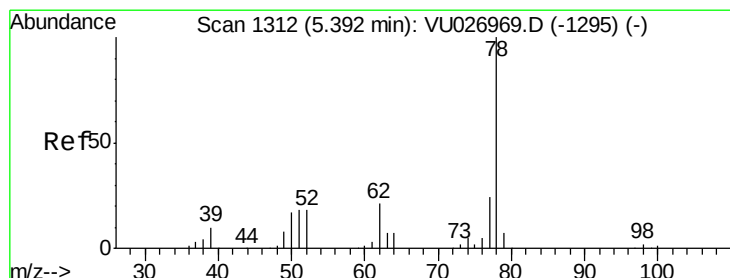
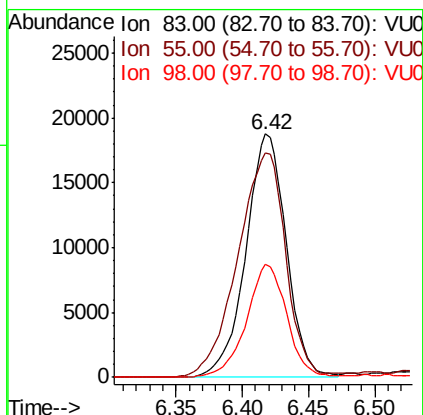
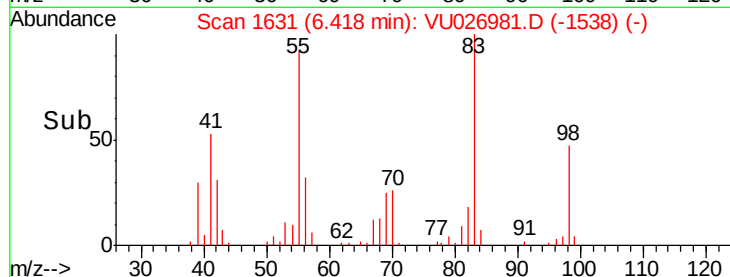
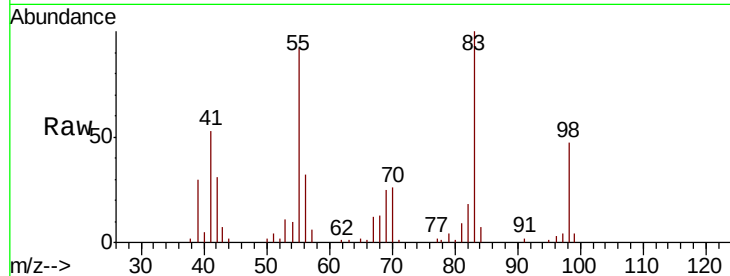




#39
Methylcyclohexane
Concen: 17.449 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU026981.D
Acq: 21 Sep 2018 20:52

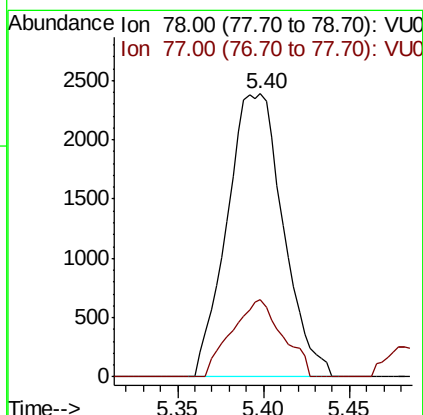
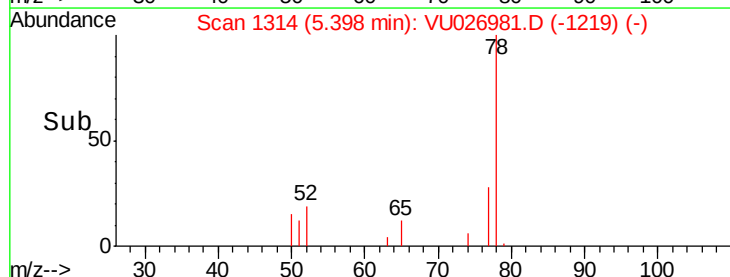
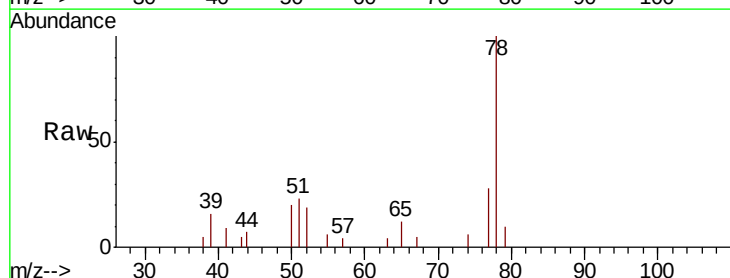
Instrument :
MSVOA_U
ClientSampleId :
FC-MW03SR1-20180911

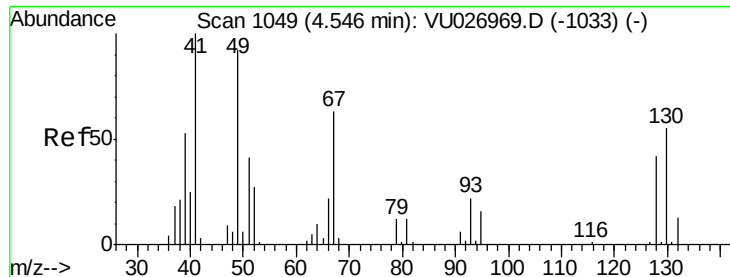
Tgt Ion: 83 Resp: 39853
Ion Ratio Lower Upper
83 100
55 91.3 69.9 104.9
98 46.5 37.5 56.3



#40
Benzene
Concen: 0.848 ug/l
RT: 5.40 min Scan# 1314
Delta R.T. 0.01 min
Lab File: VU026981.D
Acq: 21 Sep 2018 20:52

Tgt Ion: 78 Resp: 5418
Ion Ratio Lower Upper
78 100
77 27.5 19.4 29.0





#41

Methacrylonitrile

Concen: 1.938 ug/l

RT: 4.73 min Scan# 1107

Delta R.T. 0.19 min

Lab File: VU026981.D

Acq: 21 Sep 2018 20:52

Instrument :

MSVOA_U

ClientSampleId :

FC-MW03SR1-20180911

Tgt Ion: 41 Resp: 2863

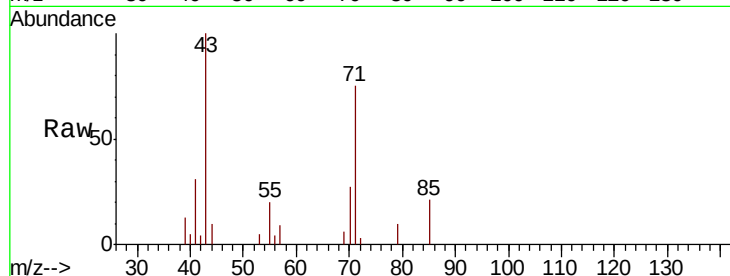
Ion Ratio Lower Upper

41 100

39 42.8 42.9 64.3#

67 0.0 52.4 78.6#

52 0.0 21.3 31.9#

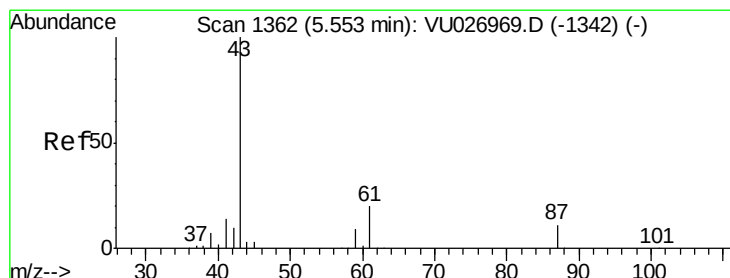
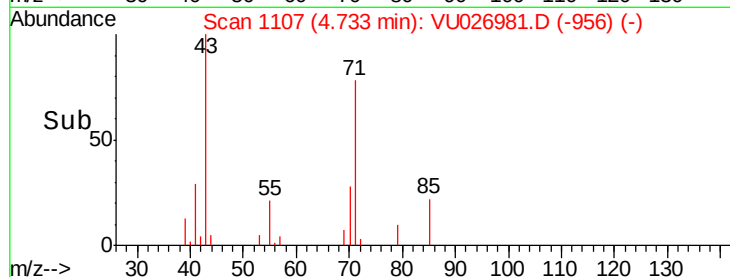
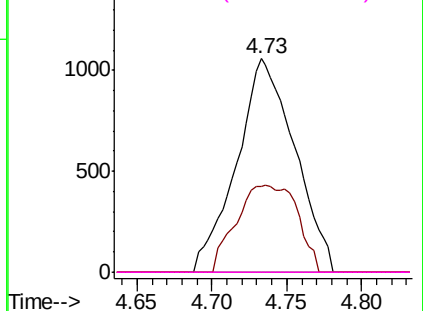


Abundance Ion 41.00 (40.70 to 41.70): VU0

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



#43

Isopropyl Acetate

Concen: 4.821 ug/l

RT: 5.49 min Scan# 1342

Delta R.T. -0.06 min

Lab File: VU026981.D

Acq: 21 Sep 2018 20:52

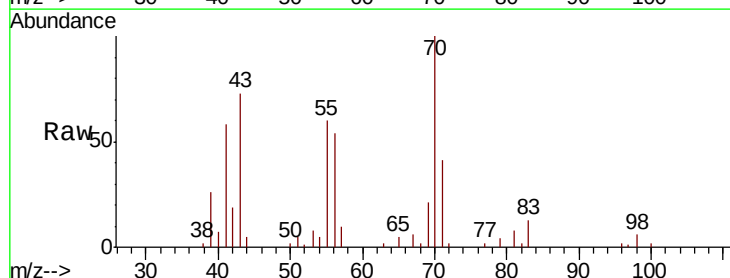
Tgt Ion: 43 Resp: 20004

Ion Ratio Lower Upper

43 100

61 0.0 15.7 23.5#

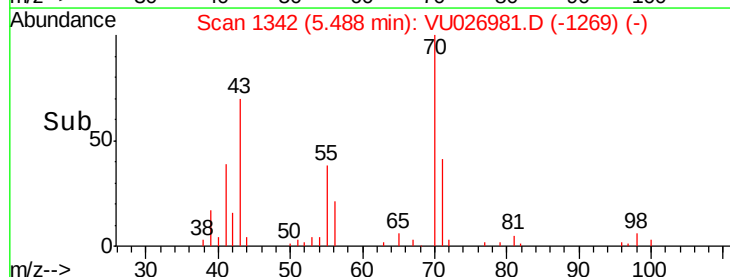
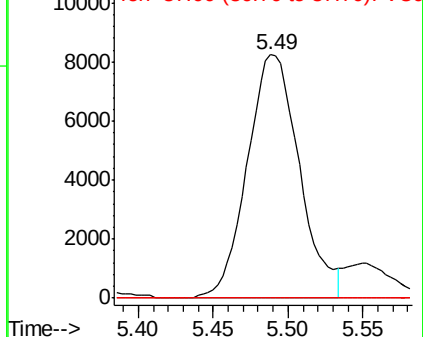
87 0.0 9.0 13.4#

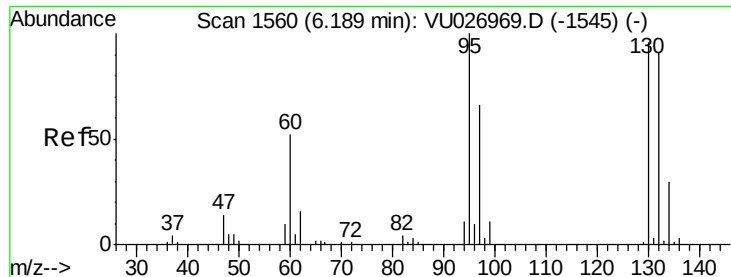


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#44

Trichloroethene

Concen: 0.470 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU026981.D

Acq: 21 Sep 2018 20:52

Instrument :

MSVOA_U

ClientSampleId :

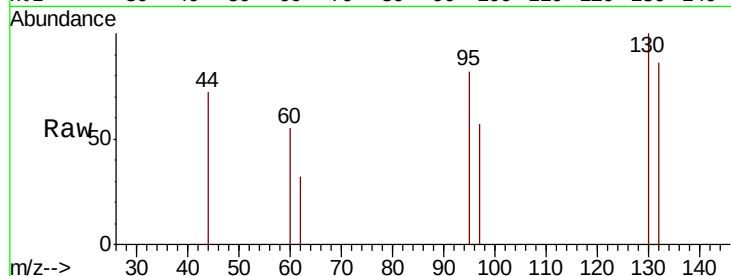
FC-MW03SR1-20180911

Tgt Ion:130 Resp: 639

Ion Ratio Lower Upper

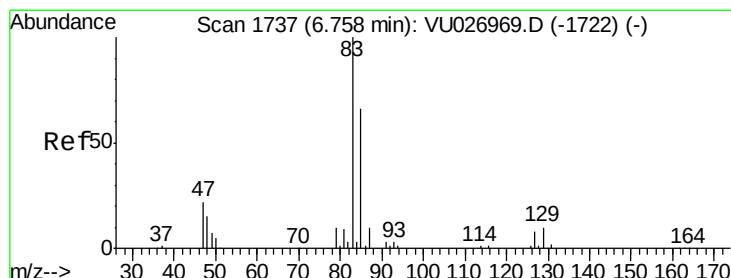
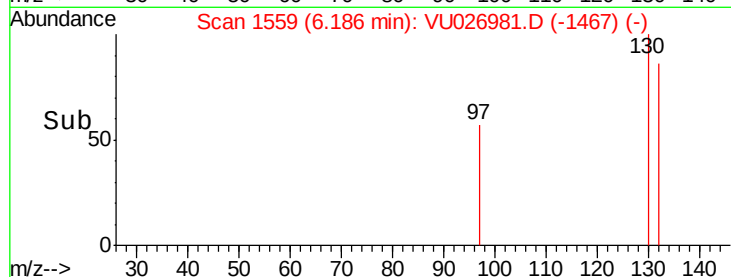
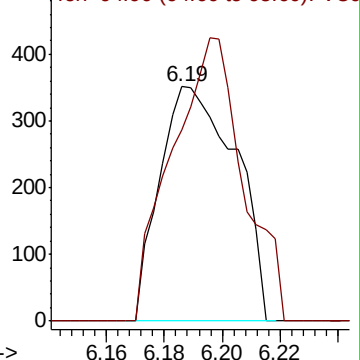
130 100

95 81.8 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0



#47

Bromodichloromethane

Concen: 0.294 ug/l

RT: 6.65 min Scan# 1704

Delta R.T. -0.11 min

Lab File: VU026981.D

Acq: 21 Sep 2018 20:52

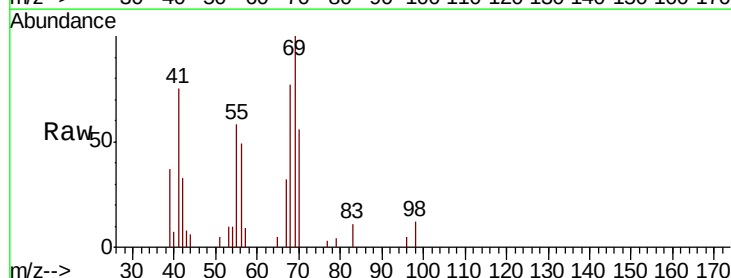
Tgt Ion: 83 Resp: 653

Ion Ratio Lower Upper

83 100

85 0.0 52.5 78.7#

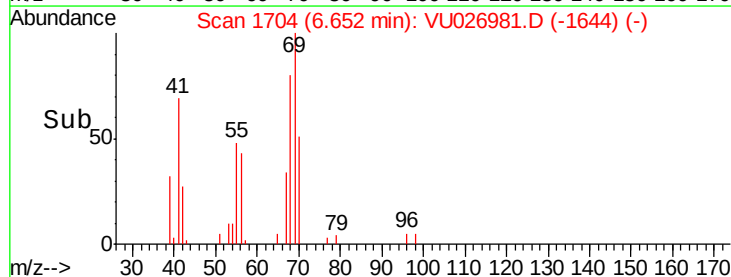
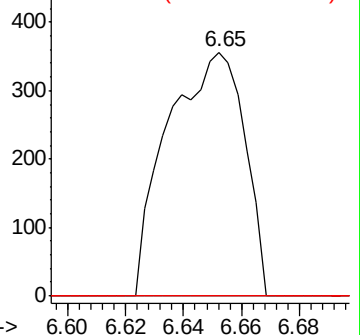
127 0.0 6.3 9.5#

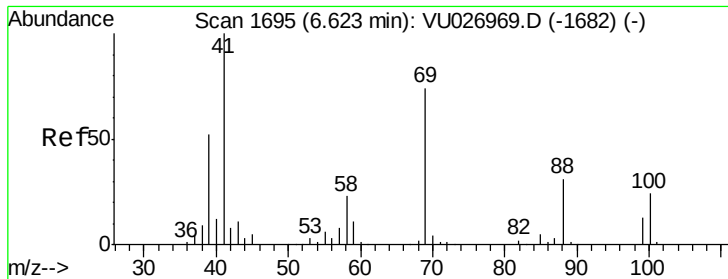


Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 126.80 (126.50 to 127.50): V

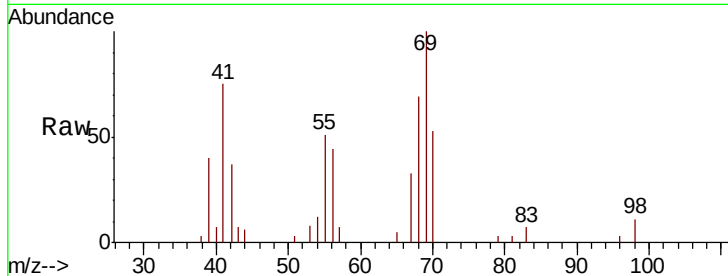




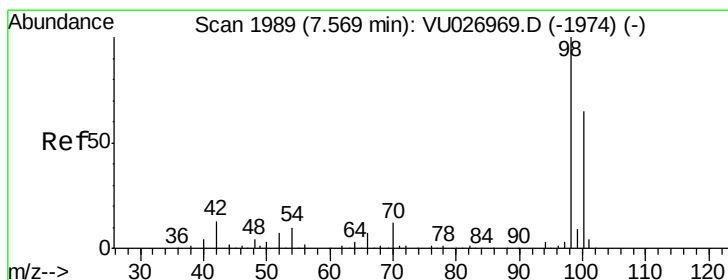
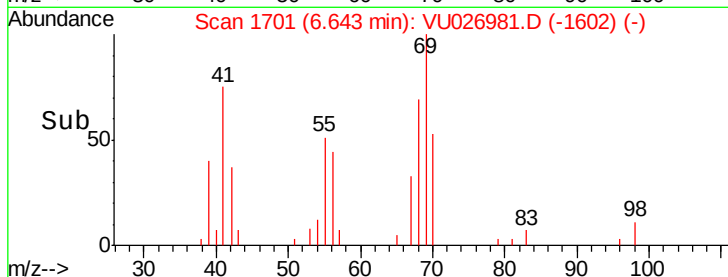
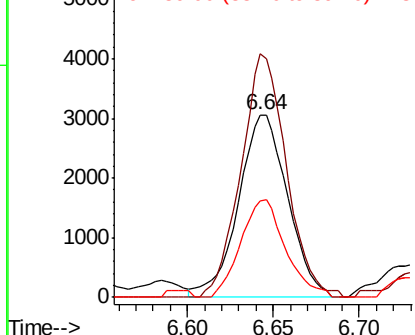
#48
Methyl methacrylate
Concen: 3.643 ug/l
RT: 6.64 min Scan# 1701
Delta R.T. 0.02 min
Lab File: VU026981.D
Acq: 21 Sep 2018 20:52

Instrument :
MSVOA_U
ClientSampleId :
FC-MW03SR1-20180911

Tgt Ion: 41 Resp: 6064
Ion Ratio Lower Upper
41 100
69 123.3 60.6 90.8#
39 48.8 42.8 64.2

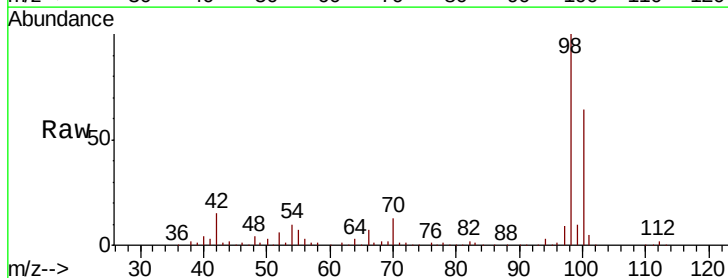


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 39.00 (38.70 to 39.70): VU0

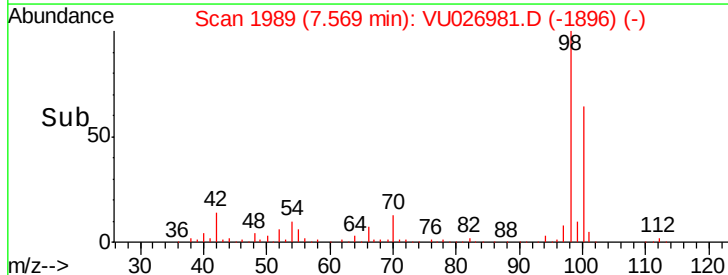
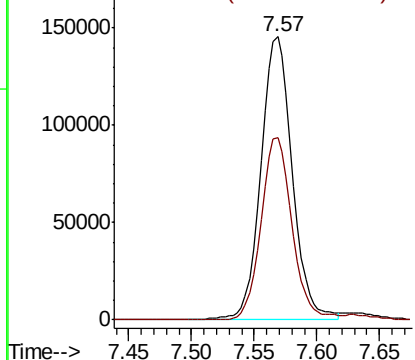


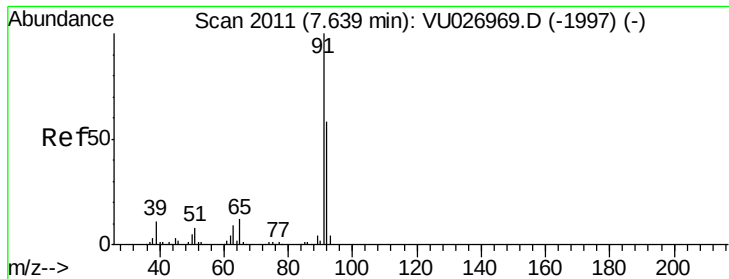
#50
Toluene-d8
Concen: 48.868 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU026981.D
Acq: 21 Sep 2018 20:52

Tgt Ion: 98 Resp: 254215
Ion Ratio Lower Upper
98 100
100 63.4 52.1 78.1



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





#52

Toluene

Concen: 0.304 ug/l

RT: 7.64 min Scan# 2012

Delta R.T. 0.00 min

Lab File: VU026981.D

Acq: 21 Sep 2018 20:52

Instrument :

MSVOA_U

ClientSampleId :

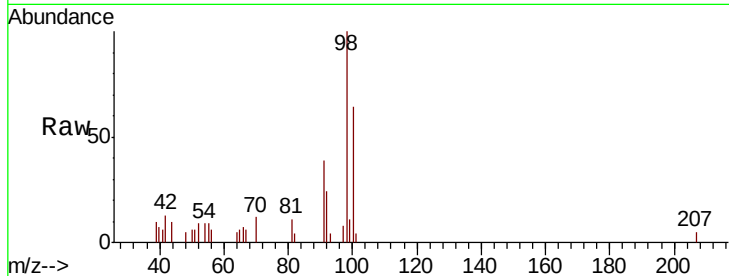
FC-MW03SR1-20180911

Tgt Ion: 92 Resp: 1114

Ion Ratio Lower Upper

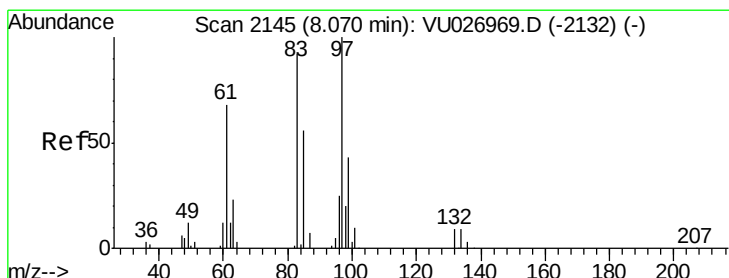
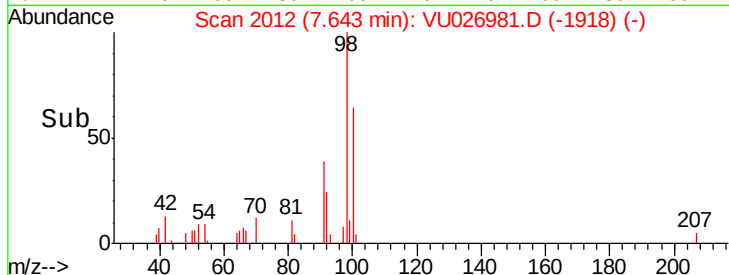
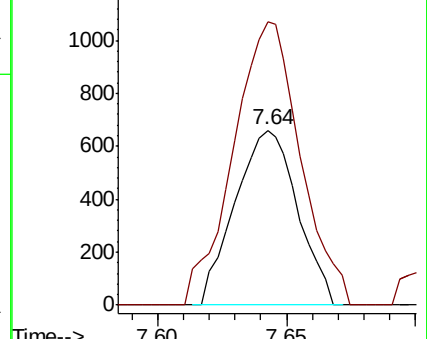
92 100

91 174.1 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU026981.D (-2012) (-)

Ion 91.00 (90.70 to 91.70): VU026981.D (-2012) (-)



#55

1,1,2-Trichloroethane

Concen: 10.795 ug/l

RT: 8.05 min Scan# 2138

Delta R.T. -0.02 min

Lab File: VU026981.D

Acq: 21 Sep 2018 20:52

Tgt Ion: 97 Resp: 16752

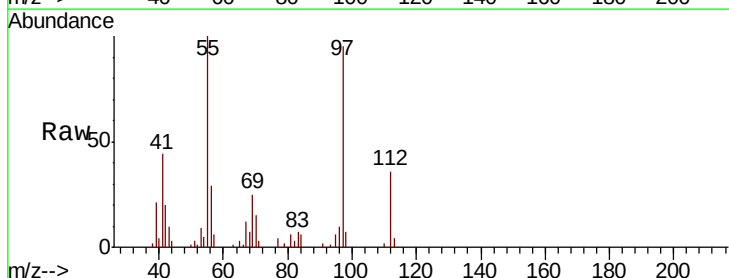
Ion Ratio Lower Upper

97 100

83 7.7 73.1 109.7#

85 0.0 46.7 70.1#

99 0.0 50.0 75.0#

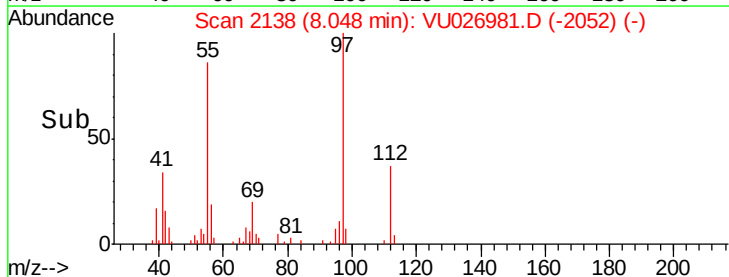
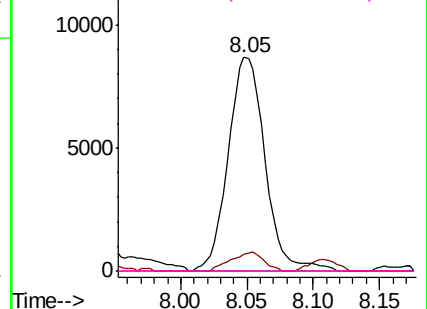


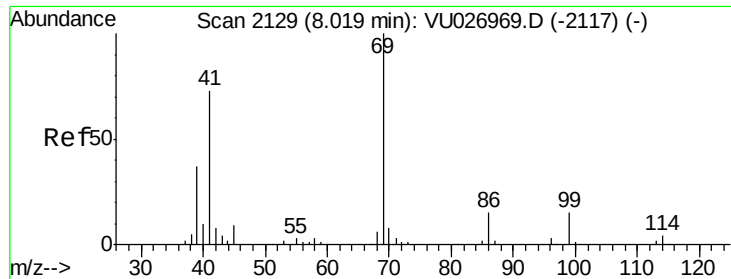
Abundance Ion 96.90 (96.60 to 97.60): VU026981.D (-2138) (-)

Ion 82.90 (82.60 to 83.60): VU026981.D (-2138) (-)

Ion 84.90 (84.60 to 85.60): VU026981.D (-2138) (-)

Ion 98.90 (98.60 to 99.60): VU026981.D (-2138) (-)

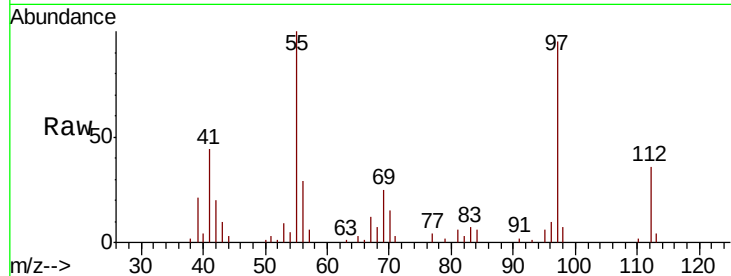




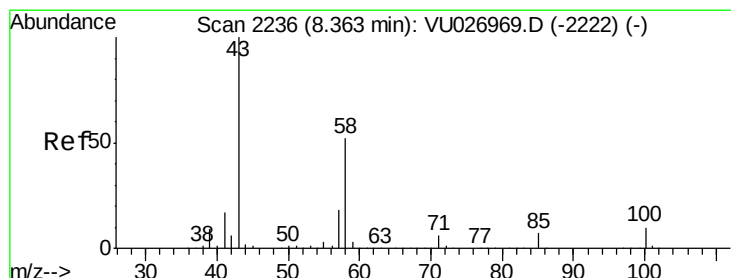
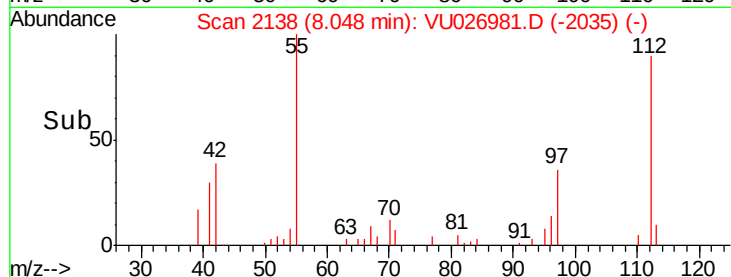
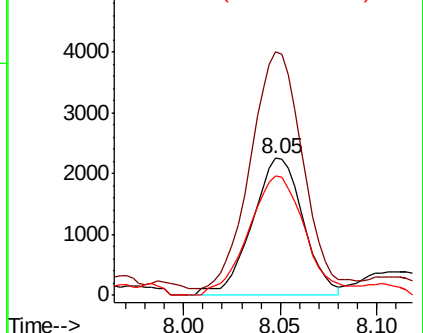
#56
Ethyl methacrylate
Concen: 3.663 ug/l
RT: 8.05 min Scan# 2138
Delta R.T. 0.03 min
Lab File: VU026981.D
Acq: 21 Sep 2018 20:52

Instrument :
MSVOA_U
ClientSampleId :
FC-MW03SR1-20180911

Tgt Ion: 69 Resp: 4139
Ion Ratio Lower Upper
69 100
41 178.8 59.0 88.4#
39 95.4 30.2 45.4#

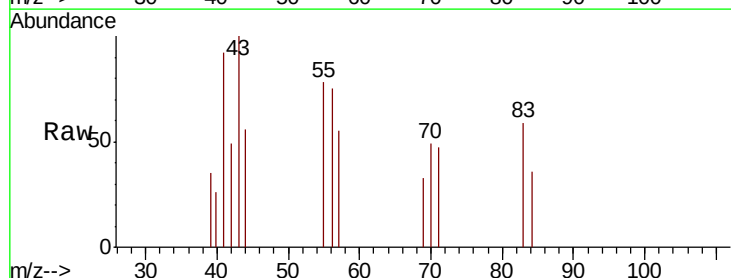


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0

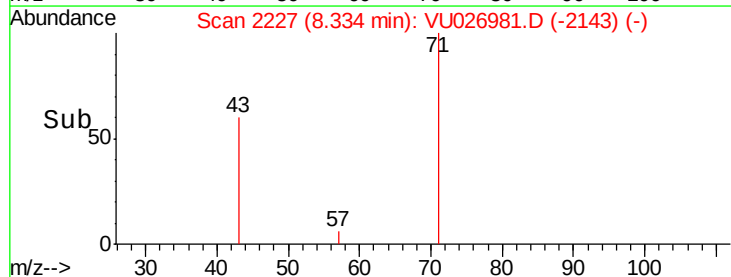
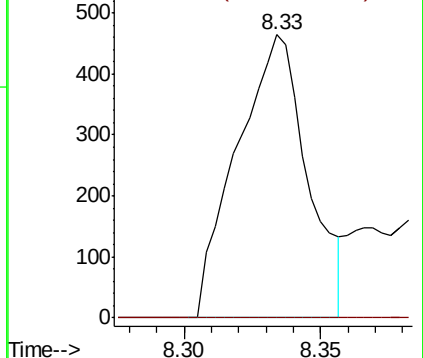


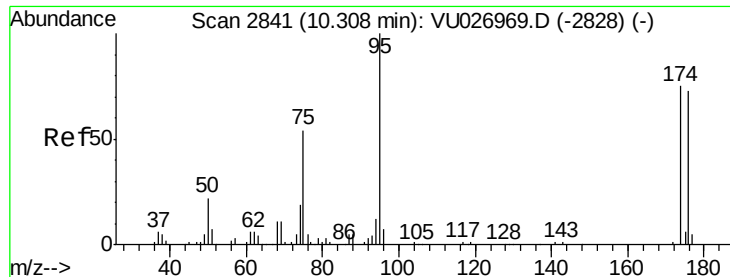
#59
2-Hexanone
Concen: 0.382 ug/l
RT: 8.33 min Scan# 2227
Delta R.T. -0.03 min
Lab File: VU026981.D
Acq: 21 Sep 2018 20:52

Tgt Ion: 43 Resp: 834
Ion Ratio Lower Upper
43 100
58 0.0 26.1 78.2#



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

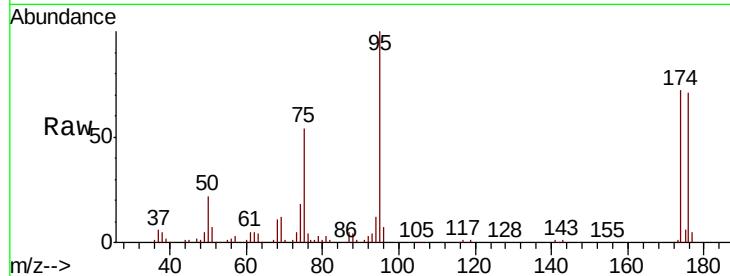




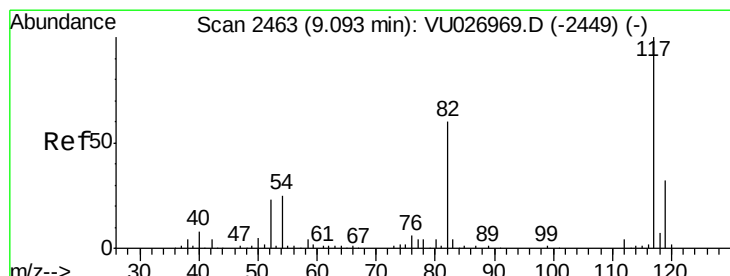
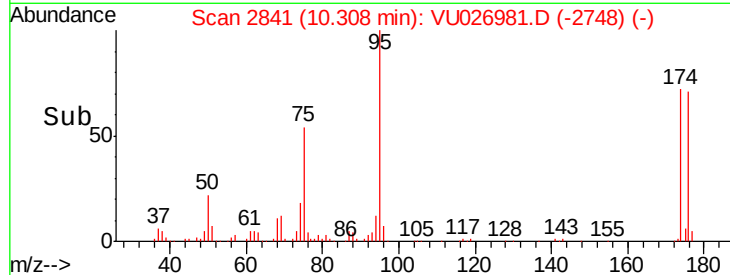
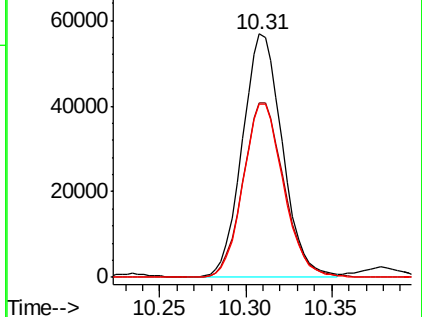
#62
 4-Bromofluorobenzene
 Concen: 51.517 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU026981.D
 Acq: 21 Sep 2018 20:52

Instrument :
 MSVOA_U
 ClientSampleId :
 FC-MW03SR1-20180911

Tgt Ion: 95 Resp: 91958
 Ion Ratio Lower Upper
 95 100
 174 73.4 0.0 150.2
 176 71.8 0.0 145.2

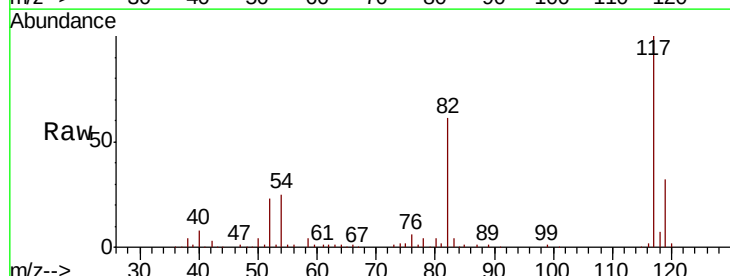


Abundance Ion 94.90 (94.60 to 95.60): VU026981.D (-2748) (-)
 Ion 173.80 (173.50 to 174.50): VU026981.D (-2748) (-)
 Ion 175.80 (175.50 to 176.50): VU026981.D (-2748) (-)

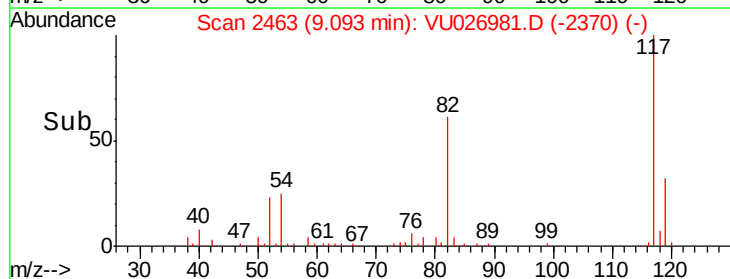
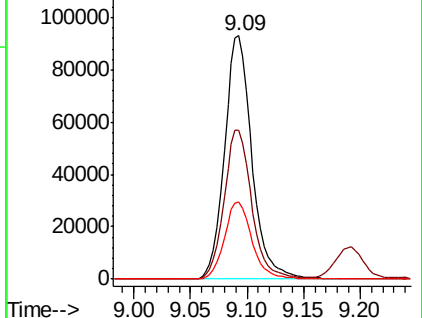


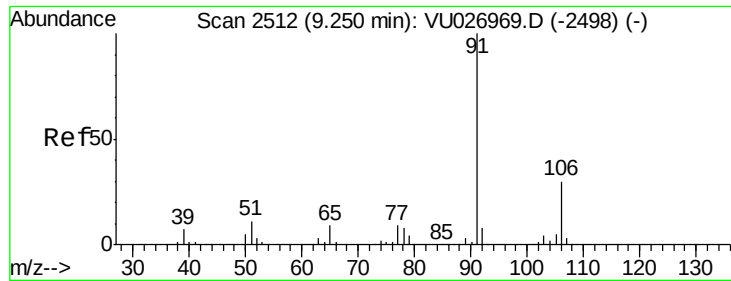
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VU026981.D
 Acq: 21 Sep 2018 20:52

Tgt Ion: 117 Resp: 156790
 Ion Ratio Lower Upper
 117 100
 82 61.1 48.0 72.0
 119 31.5 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VU026981.D (-2370) (-)
 Ion 82.00 (81.70 to 82.70): VU026981.D (-2370) (-)
 Ion 118.90 (118.60 to 119.60): VU026981.D (-2370) (-)

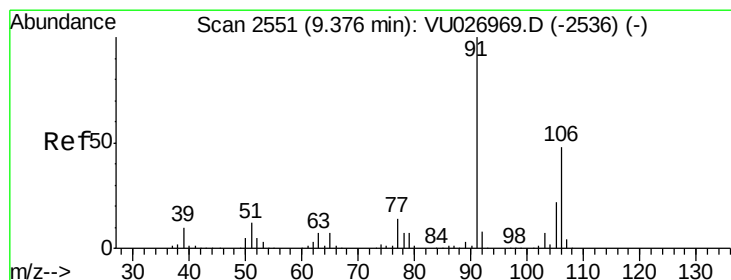
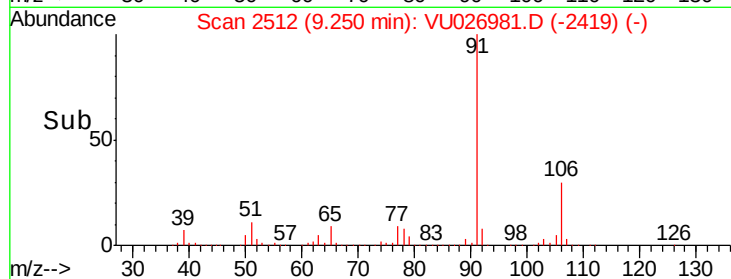
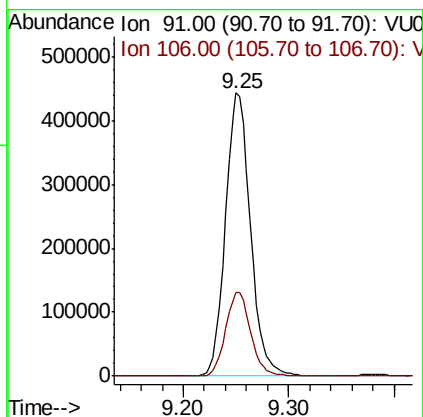
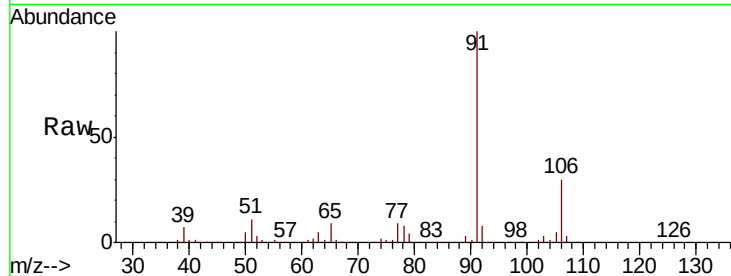




#67
 Ethyl Benzene
 Concen: 105.749 ug/l
 RT: 9.25 min Scan# 2512
 Delta R.T. 0.00 min
 Lab File: VU026981.D
 Acq: 21 Sep 2018 20:52

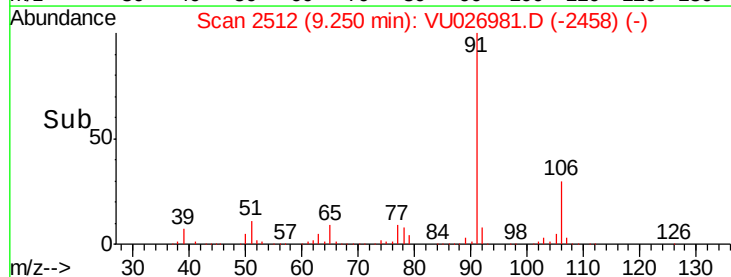
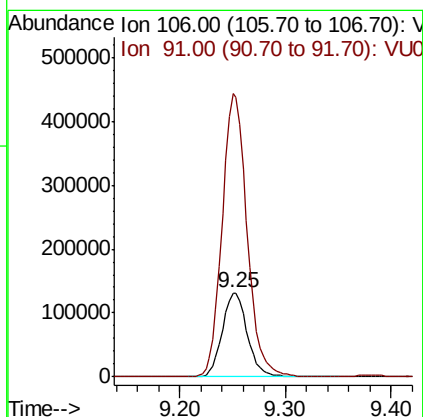
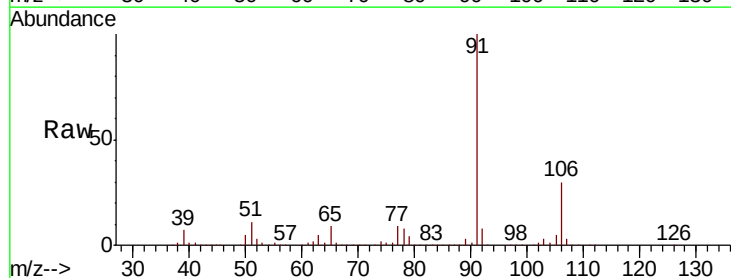
Instrument :
 MSVOA_U
 ClientSampleId :
 FC-MW03SR1-20180911

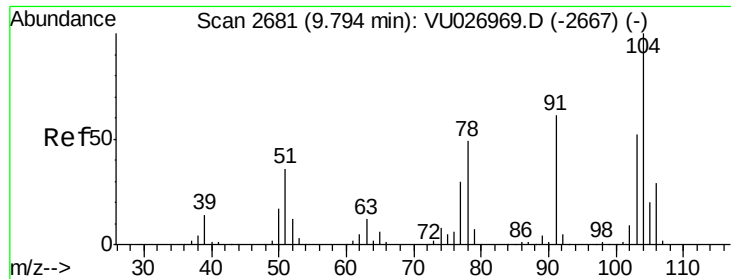
Tgt Ion: 91 Resp: 722925
 Ion Ratio Lower Upper
 91 100
 106 29.6 23.8 35.8



#68
 m/p-Xylenes
 Concen: 78.287 ug/l
 RT: 9.25 min Scan# 2512
 Delta R.T. -0.12 min
 Lab File: VU026981.D
 Acq: 21 Sep 2018 20:52

Tgt Ion: 106 Resp: 215827
 Ion Ratio Lower Upper
 106 100
 91 335.0 166.5 249.7#

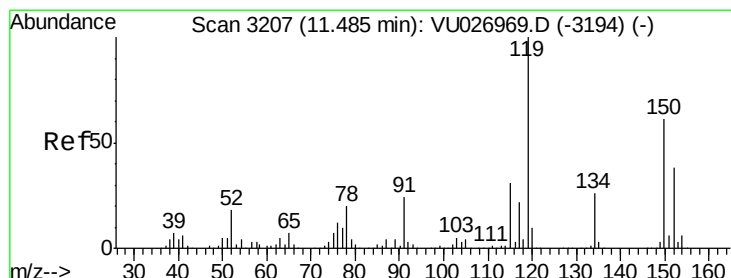
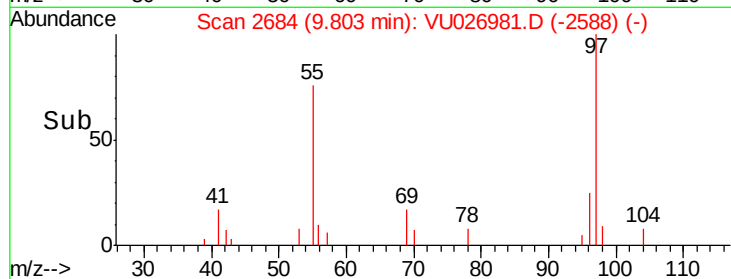
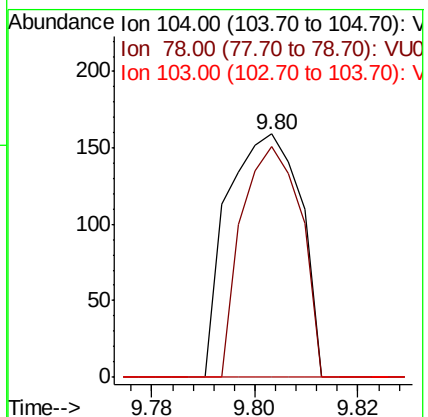
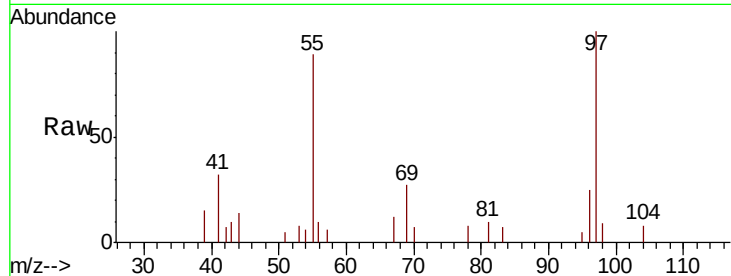




#70
Styrene
Concen: 1.843 ug/l
RT: 9.80 min Scan# 2684
Delta R.T. 0.01 min
Lab File: VU026981.D
Acq: 21 Sep 2018 20:52

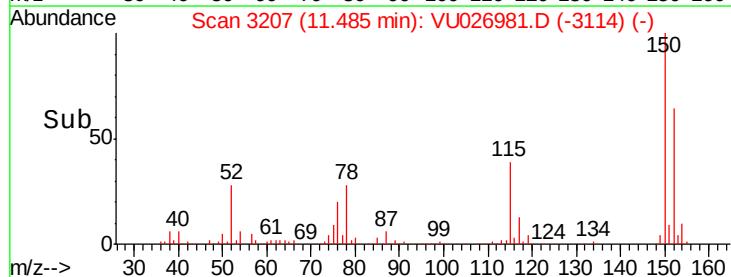
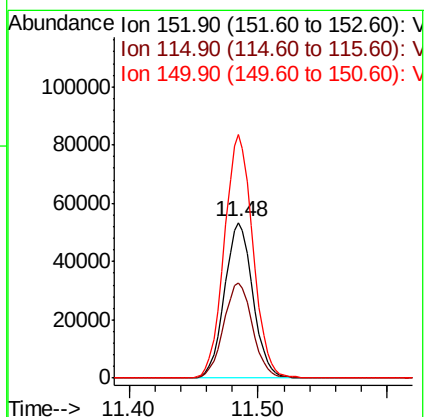
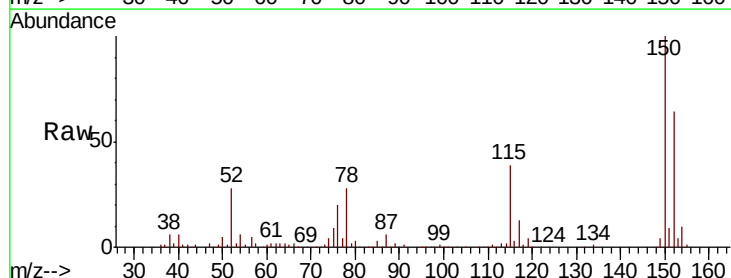
Instrument :
MSVOA_U
ClientSampleId :
FC-MW03SR1-20180911

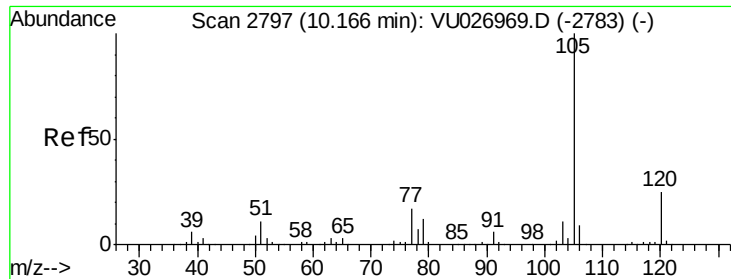
Tgt Ion:104 Resp: 156
Ion Ratio Lower Upper
104 100
78 76.9 43.0 64.4#
103 0.0 44.1 66.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU026981.D
Acq: 21 Sep 2018 20:52

Tgt Ion:152 Resp: 81061
Ion Ratio Lower Upper
152 100
115 63.1 44.9 134.5
150 158.6 0.0 355.8





#73

Isopropylbenzene

Concen: 35.597 ug/l

RT: 10.17 min Scan# 2798

Delta R.T. 0.00 min

Lab File: VU026981.D

Acq: 21 Sep 2018 20:52

Instrument :

MSVOA_U

ClientSampleId :

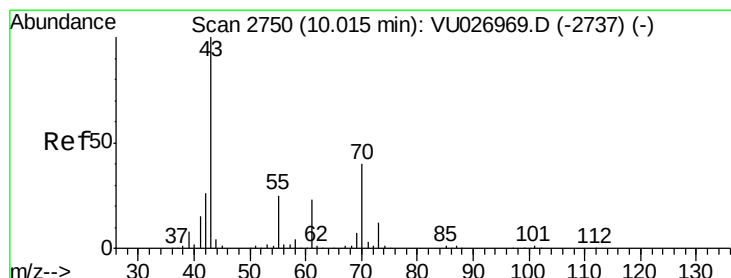
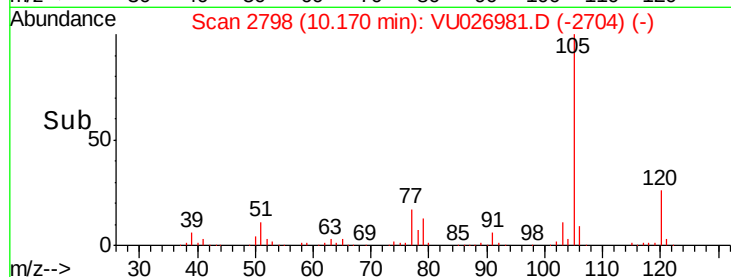
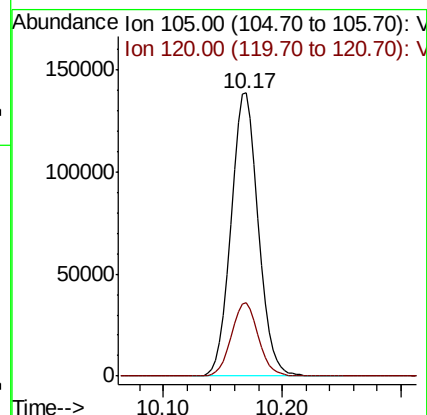
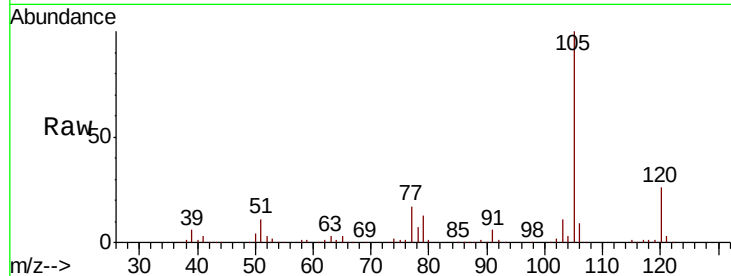
FC-MW03SR1-20180911

Tgt Ion:105 Resp: 219500

Ion Ratio Lower Upper

105 100

120 25.7 12.8 38.4



#74

N-ethyl acetate

Concen: 0.352 ug/l

RT: 10.05 min Scan# 2760

Delta R.T. 0.03 min

Lab File: VU026981.D

Acq: 21 Sep 2018 20:52

Tgt Ion: 43 Resp: 1256

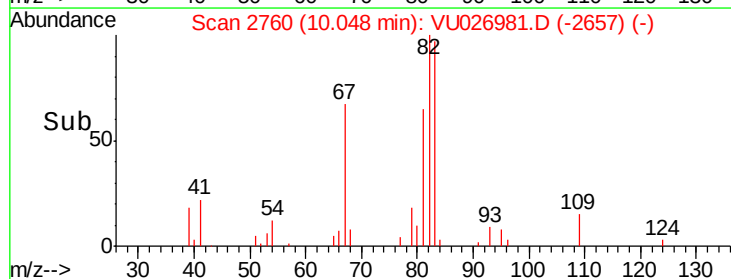
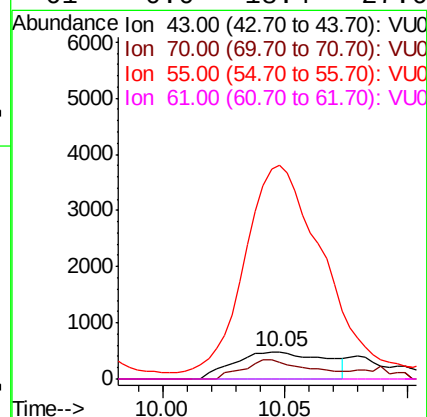
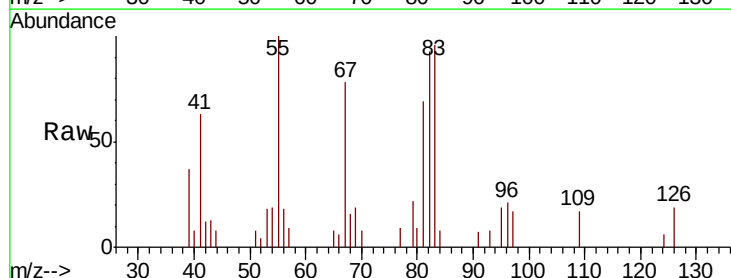
Ion Ratio Lower Upper

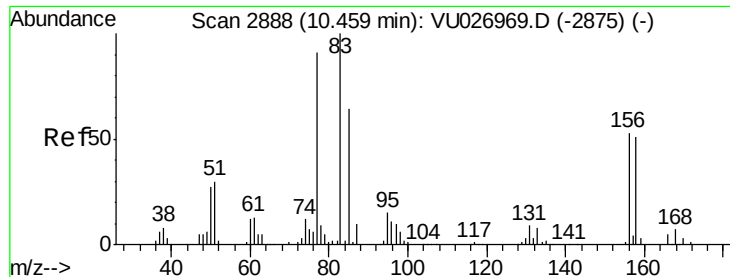
43 100

70 50.9 31.8 47.8#

55 678.8 19.9 29.9#

61 0.0 18.4 27.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.369 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. 0.03 min

Lab File: VU026981.D

Acq: 21 Sep 2018 20:52

Instrument :

MSVOA_U

ClientSampleId :

FC-MW03SR1-20180911

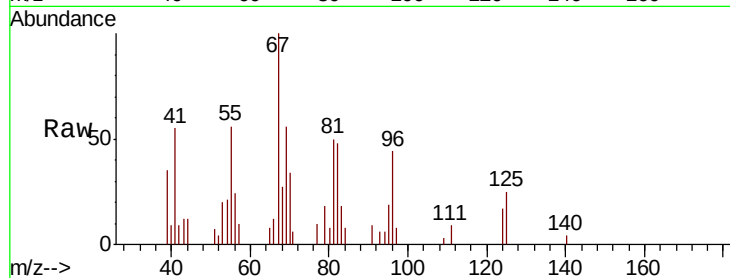
Tgt Ion: 83 Resp: 1045

Ion Ratio Lower Upper

83 100

131 0.0 4.3 12.8#

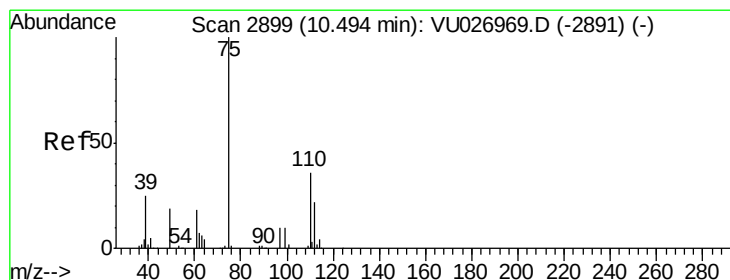
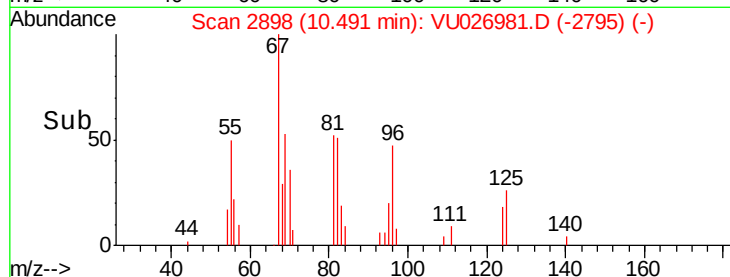
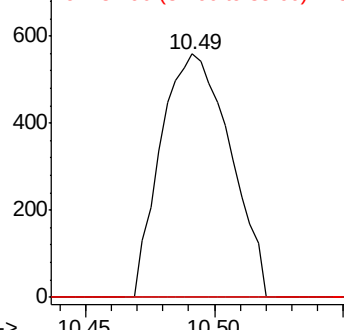
85 0.0 31.9 95.7#



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 0.718 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.09 min

Lab File: VU026981.D

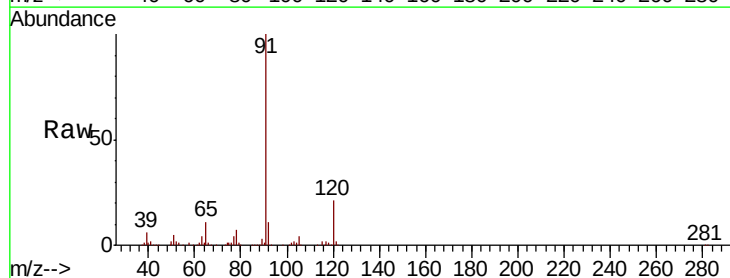
Acq: 21 Sep 2018 20:52

Tgt Ion: 75 Resp: 1768

Ion Ratio Lower Upper

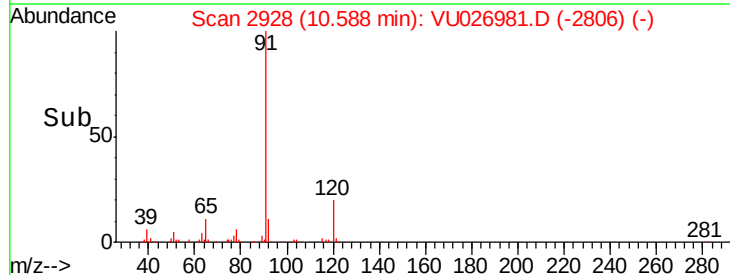
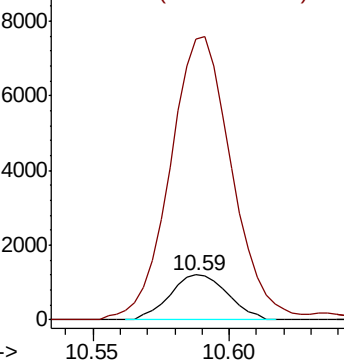
75 100

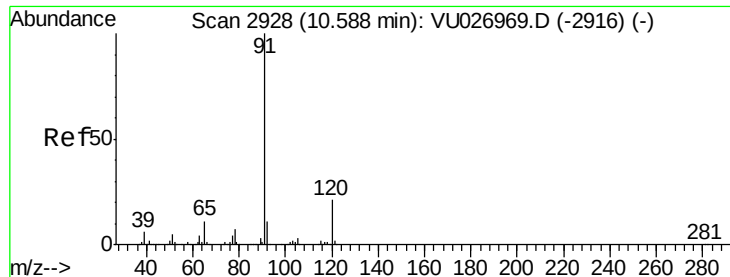
77 675.1 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

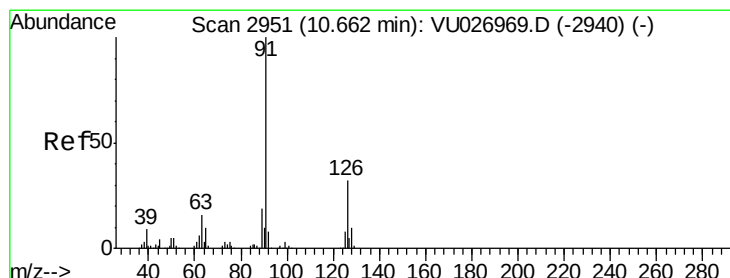
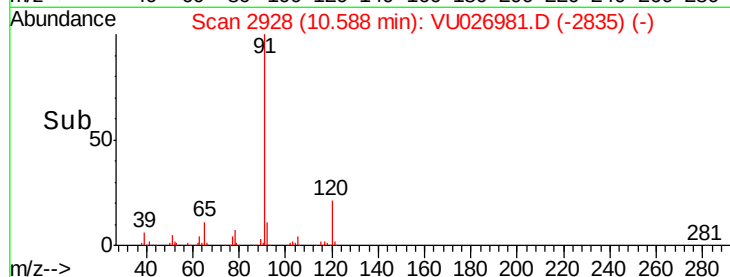
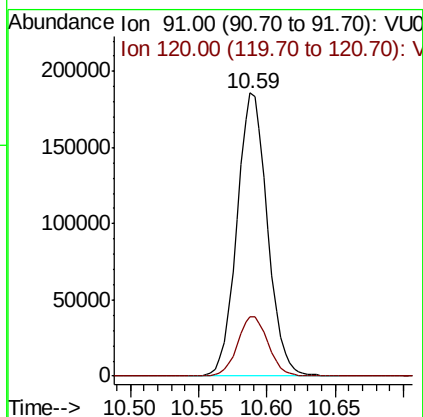
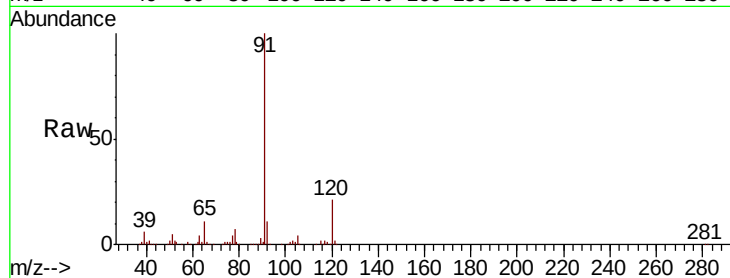




#78
n-propylbenzene
Concen: 39.498 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. 0.00 min
Lab File: VU026981.D
Acq: 21 Sep 2018 20:52

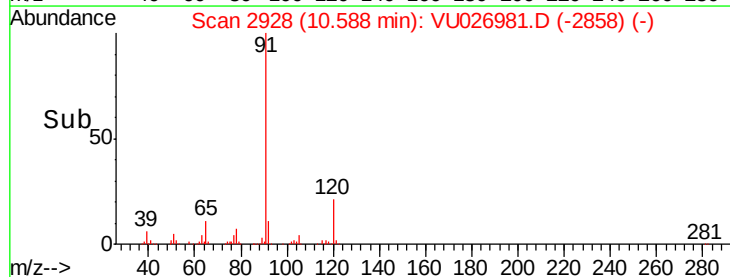
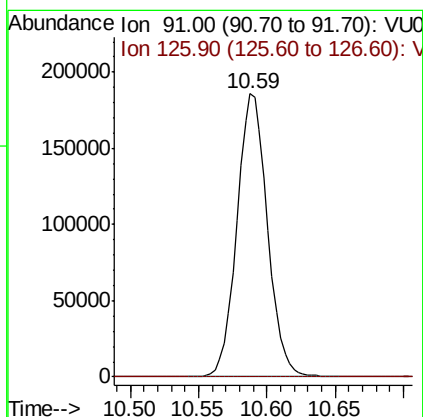
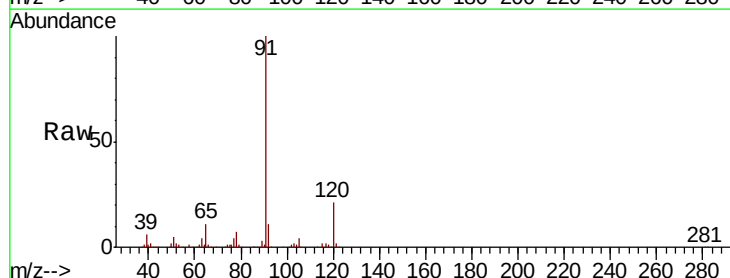
Instrument :
MSVOA_U
ClientSampleId :
FC-MW03SR1-20180911

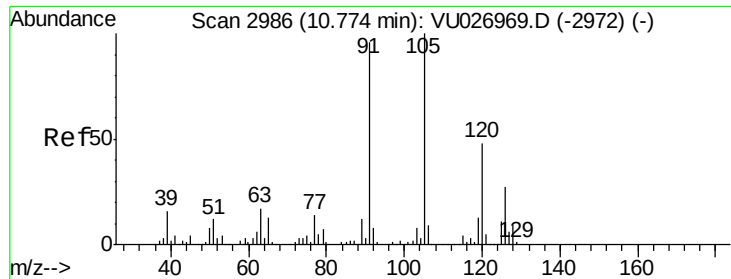
Tgt Ion: 91 Resp: 288178
Ion Ratio Lower Upper
91 100
120 21.1 10.6 31.8



#79
2-Chlorotoluene
Concen: 62.882 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. -0.07 min
Lab File: VU026981.D
Acq: 21 Sep 2018 20:52

Tgt Ion: 91 Resp: 288178
Ion Ratio Lower Upper
91 100
126 0.0 15.8 47.3#

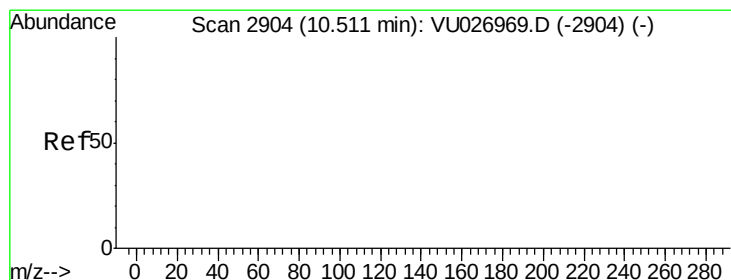
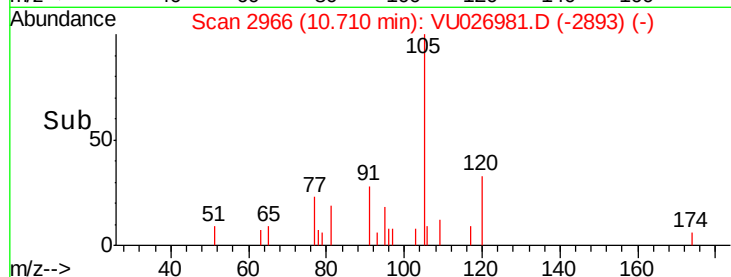
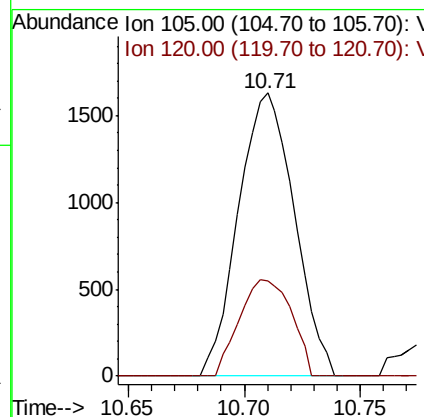
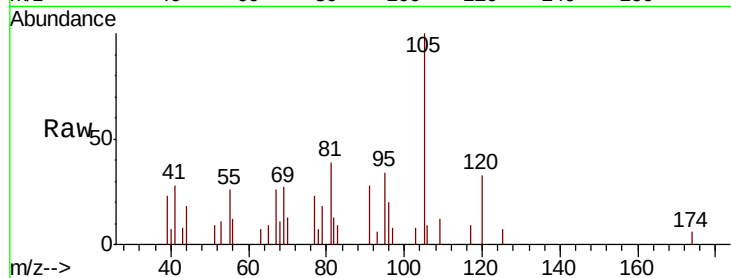




#80
 1,3,5-Trimethylbenzene
 Concen: 0.537 ug/l
 RT: 10.71 min Scan# 2966
 Delta R.T. -0.06 min
 Lab File: VU026981.D
 Acq: 21 Sep 2018 20:52

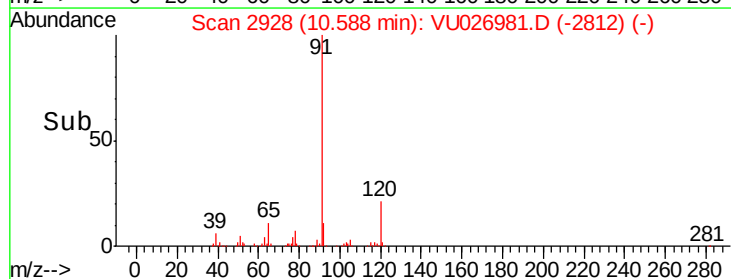
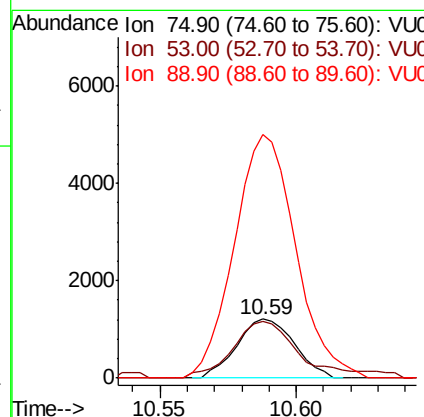
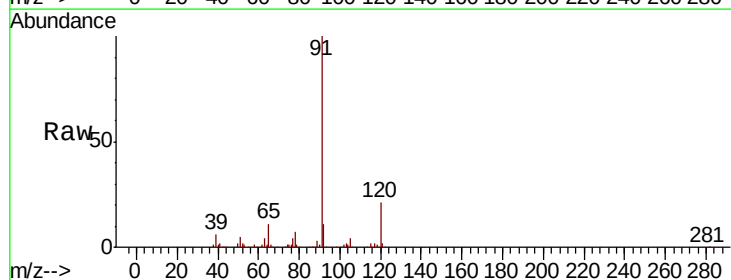
Instrument :
 MSVOA_U
 ClientSampleId :
 FC-MW03SR1-20180911

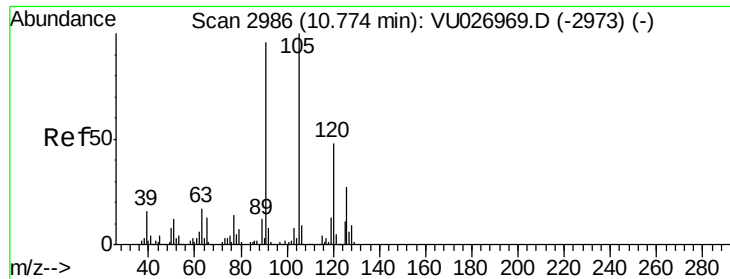
Tgt Ion: 105 Resp: 2733
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.9 71.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 2.298 ug/l
 RT: 10.59 min Scan# 2928
 Delta R.T. 0.07 min
 Lab File: VU026981.D
 Acq: 21 Sep 2018 20:52

Tgt Ion: 75 Resp: 1768
 Ion Ratio Lower Upper
 75 100
 53 114.9 0.0 0.0#
 89 441.3 0.0 0.0#

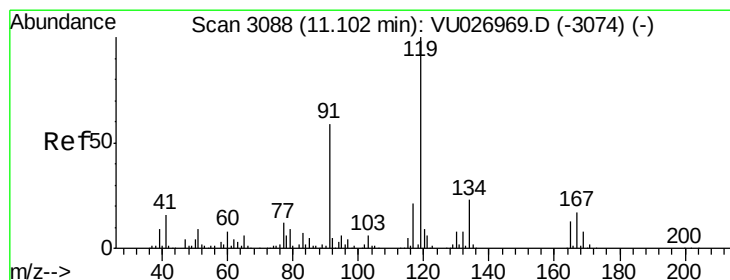
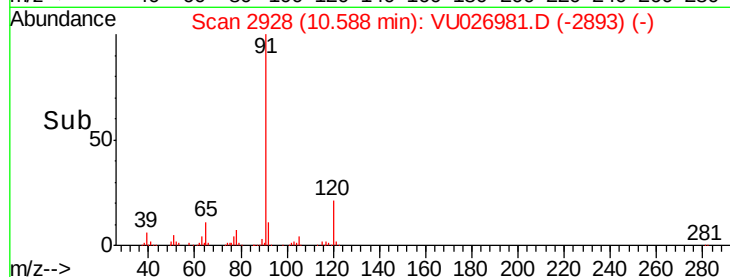
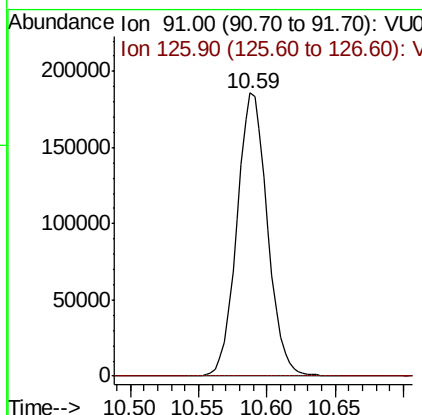
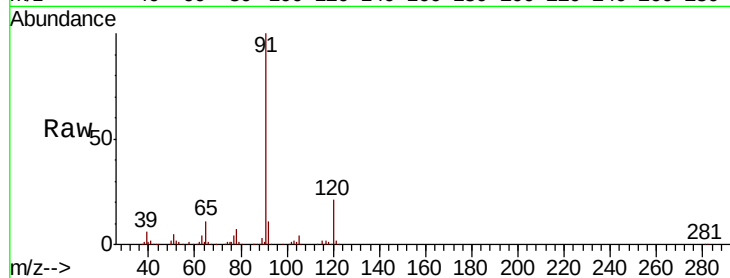




#82
4-Chlorotoluene
Concen: 56.080 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. -0.19 min
Lab File: VU026981.D
Acq: 21 Sep 2018 20:52

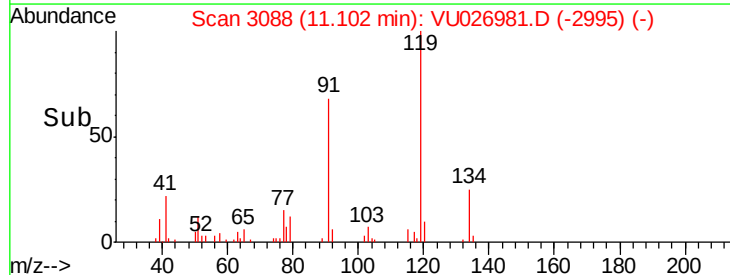
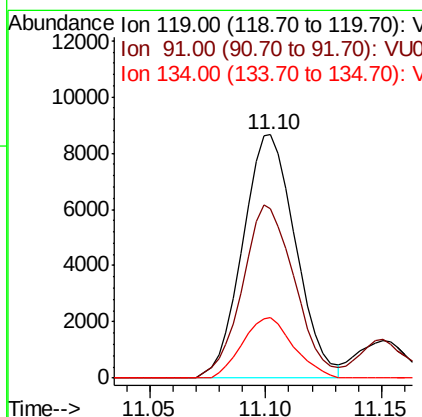
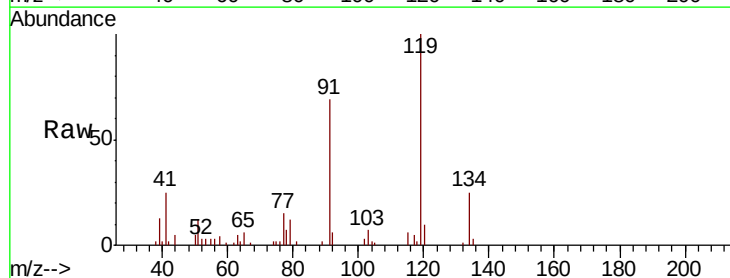
Instrument :
MSVOA_U
ClientSampleId :
FC-MW03SR1-20180911

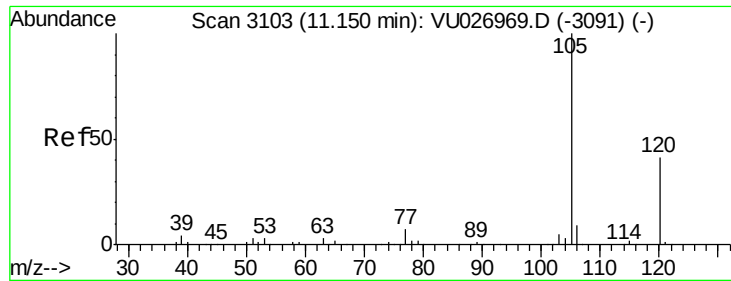
Tgt Ion: 91 Resp: 288178
Ion Ratio Lower Upper
91 100
126 0.0 14.1 42.2#



#83
tert-Butylbenzene
Concen: 2.727 ug/l
RT: 11.10 min Scan# 3088
Delta R.T. 0.00 min
Lab File: VU026981.D
Acq: 21 Sep 2018 20:52

Tgt Ion: 119 Resp: 13725
Ion Ratio Lower Upper
119 100
91 70.4 29.8 89.4
134 23.9 11.5 34.4

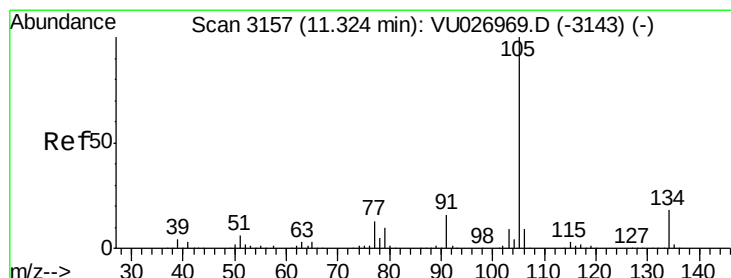
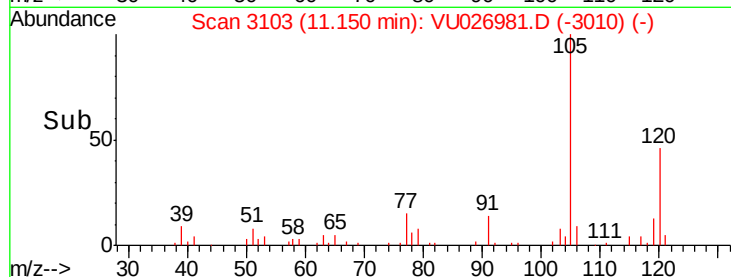
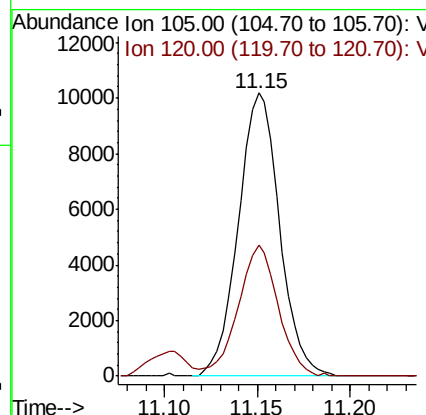
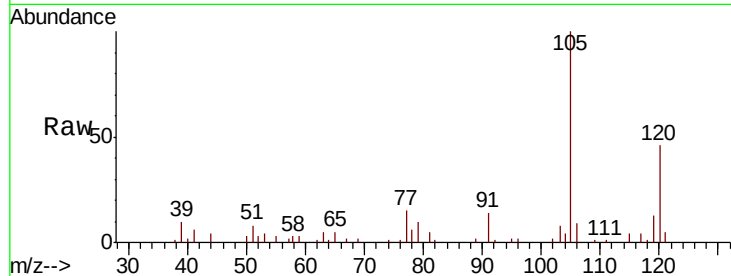




#84
 1,2,4-Trimethylbenzene
 Concen: 3.033 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU026981.D
 Acq: 21 Sep 2018 20:52

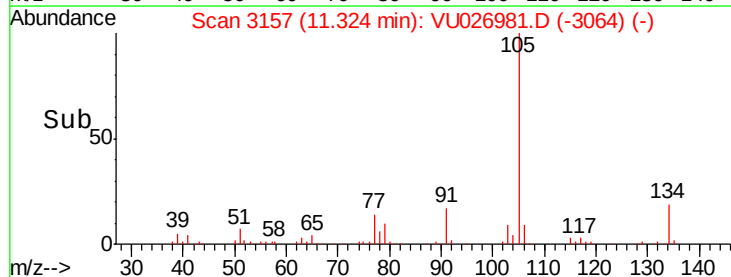
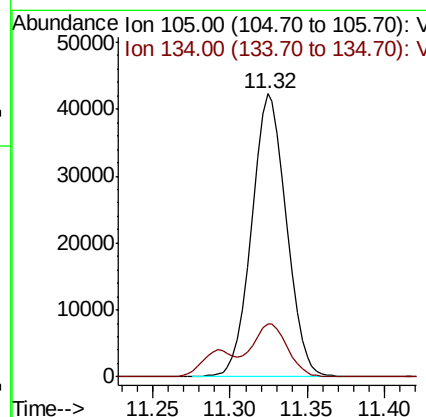
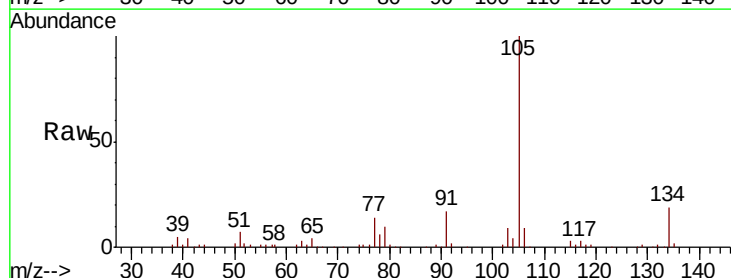
Instrument :
 MSVOA_U
 ClientSampleId :
 FC-MW03SR1-20180911

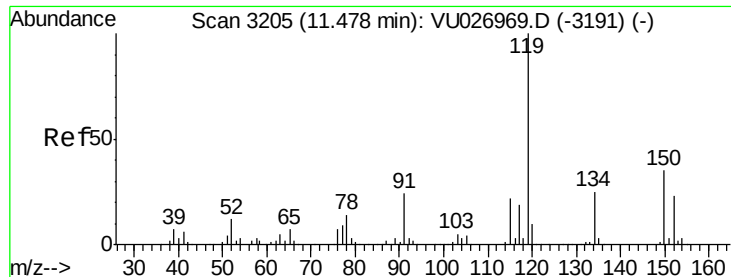
Tgt Ion:105 Resp: 15713
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.4 67.2



#85
 sec-Butylbenzene
 Concen: 10.767 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU026981.D
 Acq: 21 Sep 2018 20:52

Tgt Ion:105 Resp: 66140
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.4 28.2

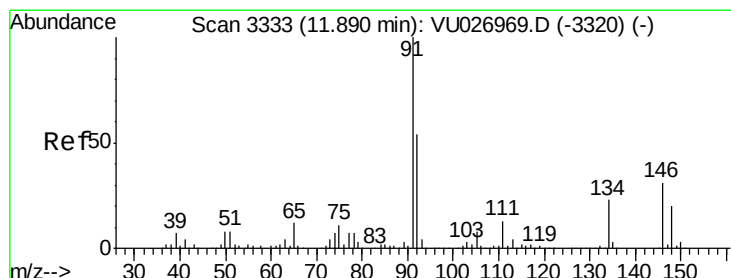
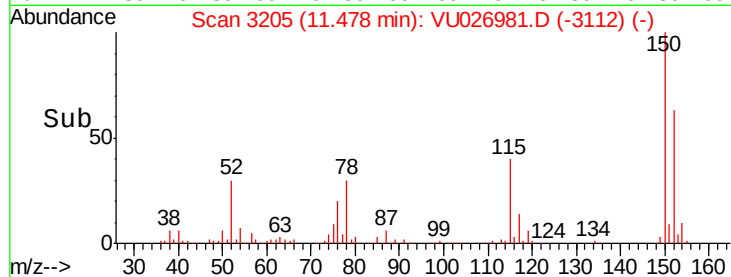
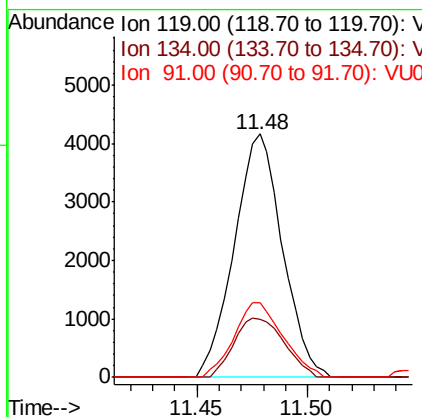
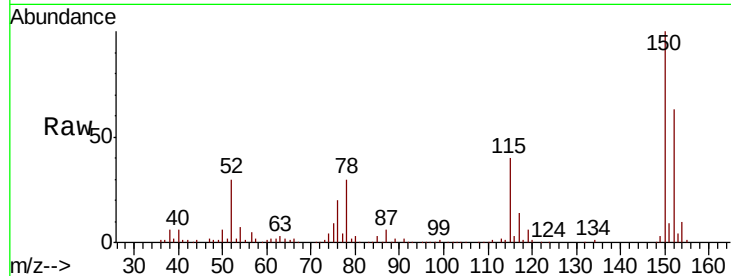




#86
p-Isopropyltoluene
Concen: 2.001 ug/l
RT: 11.48 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VU026981.D
Acq: 21 Sep 2018 20:52

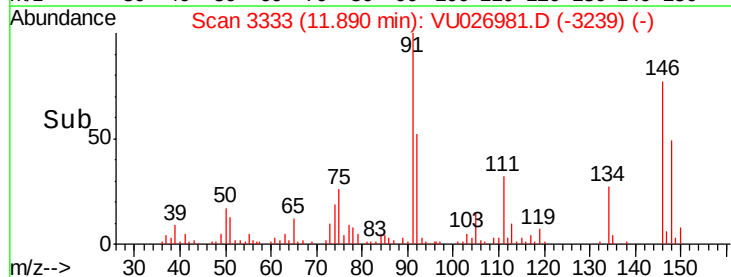
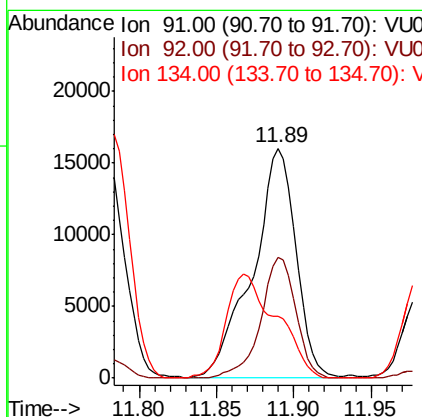
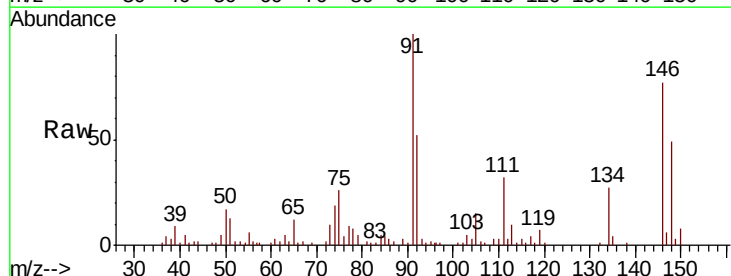
Instrument :
MSVOA_U
ClientSampleId :
FC-MW03SR1-20180911

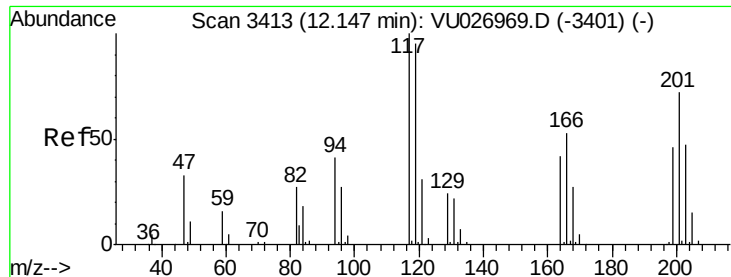
Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.3	12.8	38.3
91	31.2	12.3	36.8



#89
n-Butylbenzene
Concen: 7.714 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU026981.D
Acq: 21 Sep 2018 20:52

Tgt Ion	Ratio	Lower	Upper
91	100		
92	42.4	27.1	81.2
134	0.0	11.7	35.0

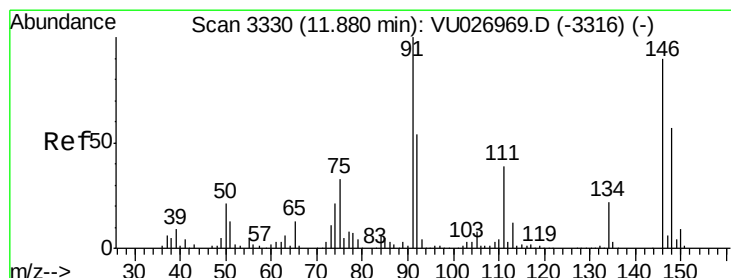
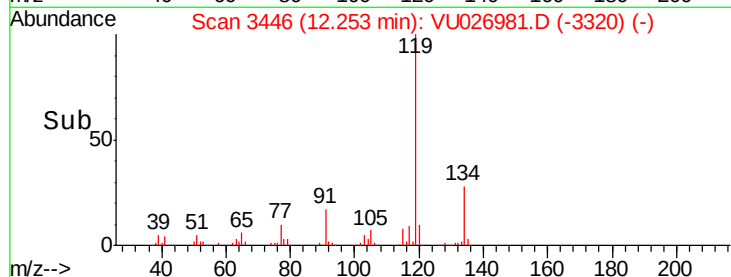
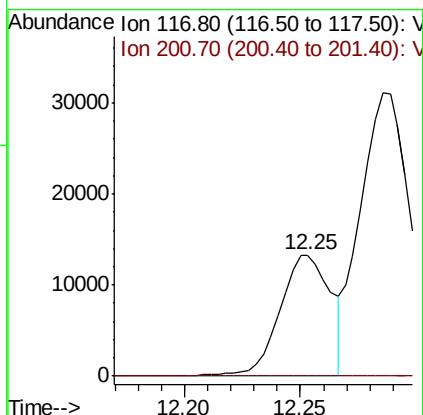
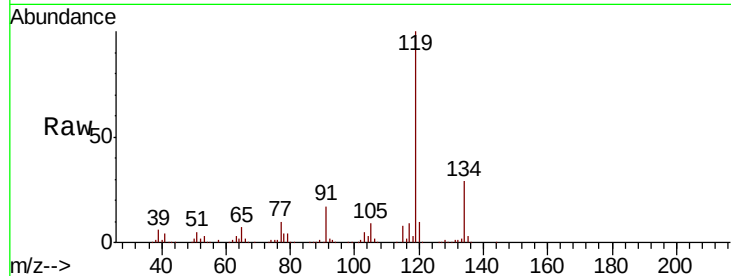




#90
Hexachloroethane
Concen: 18.205 ug/l
RT: 12.25 min Scan# 3446
Delta R.T. 0.11 min
Lab File: VU026981.D
Acq: 21 Sep 2018 20:52

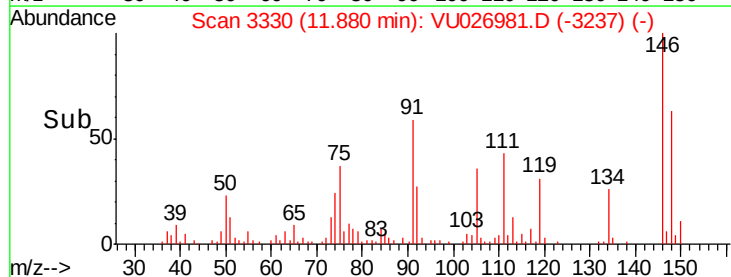
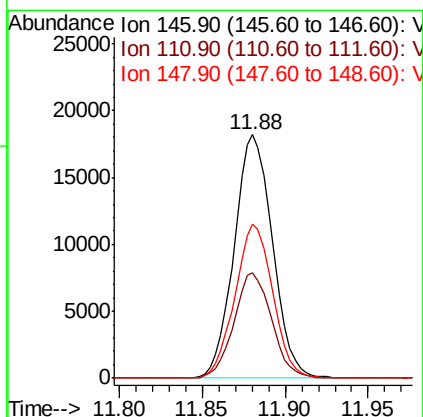
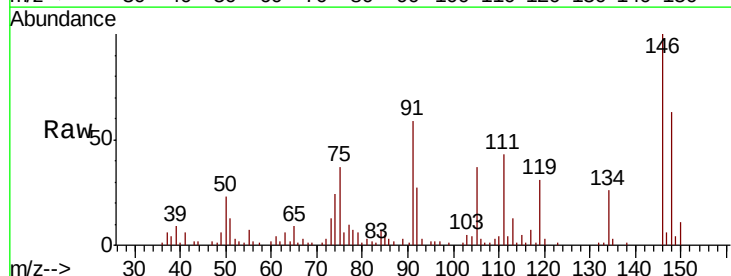
Instrument :
MSVOA_U
ClientSampleId :
FC-MW03SR1-20180911

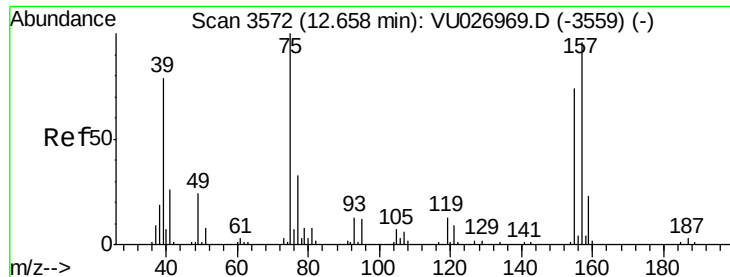
Tgt Ion:117 Resp: 20336
Ion Ratio Lower Upper
117 100
201 0.0 36.8 110.3#



#91
1,2-Dichlorobenzene
Concen: 9.840 ug/l
RT: 11.88 min Scan# 3330
Delta R.T. 0.00 min
Lab File: VU026981.D
Acq: 21 Sep 2018 20:52

Tgt Ion:146 Resp: 29308
Ion Ratio Lower Upper
146 100
111 42.2 21.8 65.3
148 62.1 31.9 95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.526 ug/l

RT: 12.65 min Scan# 3570

Delta R.T. -0.01 min

Lab File: VU026981.D

Acq: 21 Sep 2018 20:52

Instrument :

MSVOA_U

ClientSampleId :

FC-MW03SR1-20180911

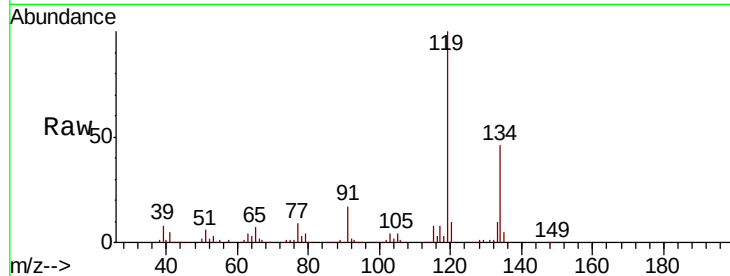
Tgt Ion: 75 Resp: 1461

Ion Ratio Lower Upper

75 100

155 0.0 36.6 109.8#

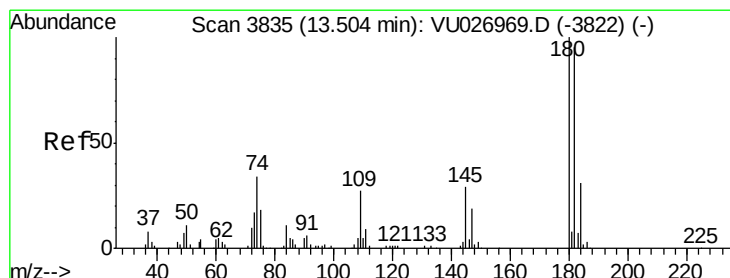
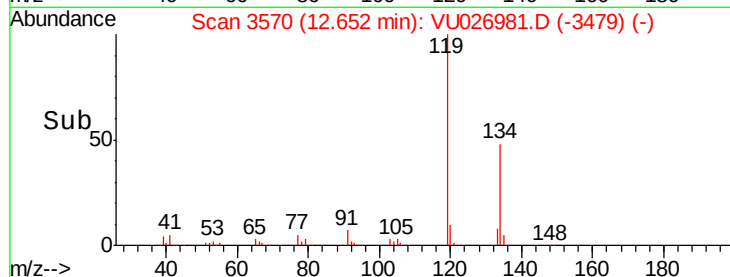
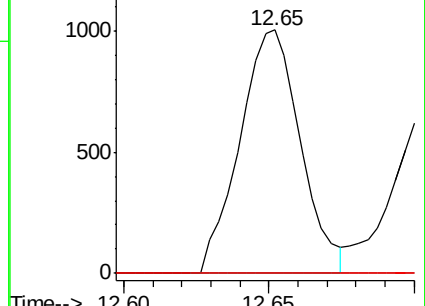
157 0.0 47.4 142.2#



Abundance Ion 74.90 (74.60 to 75.60): VU026981.D (-3479) (-)

Ion 154.80 (154.50 to 155.50): VU026981.D (-3479) (-)

Ion 156.80 (156.50 to 157.50): VU026981.D (-3479) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.394 ug/l

RT: 13.50 min Scan# 3835

Delta R.T. 0.00 min

Lab File: VU026981.D

Acq: 21 Sep 2018 20:52

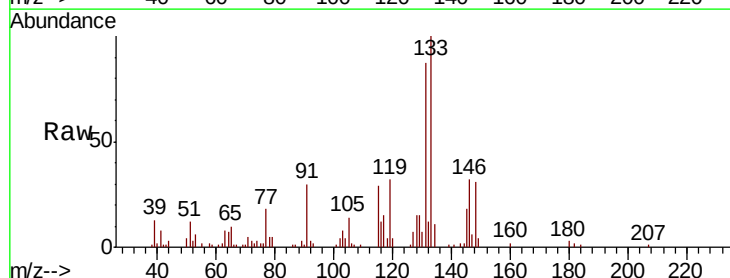
Tgt Ion: 180 Resp: 677

Ion Ratio Lower Upper

180 100

182 101.9 47.4 142.2

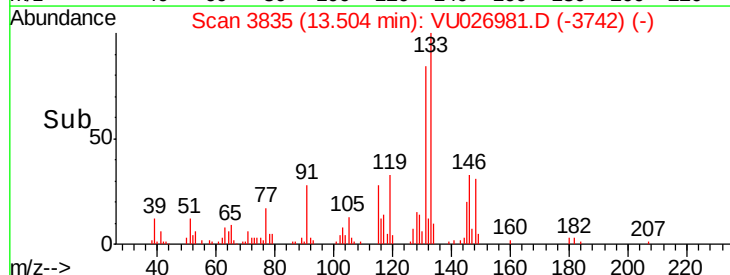
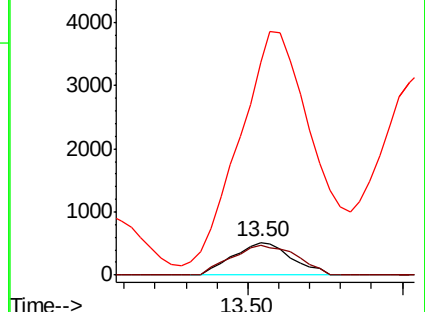
145 895.4 14.9 44.5#

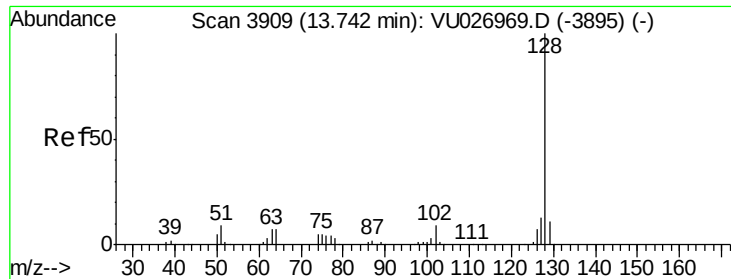


Abundance Ion 179.80 (179.50 to 180.50): VU026981.D (-3742) (-)

Ion 181.80 (181.50 to 182.50): VU026981.D (-3742) (-)

Ion 144.80 (144.50 to 145.50): VU026981.D (-3742) (-)

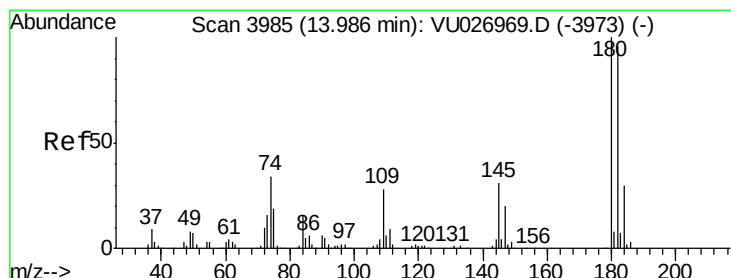
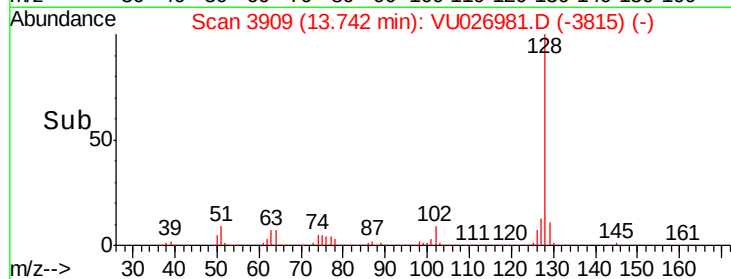
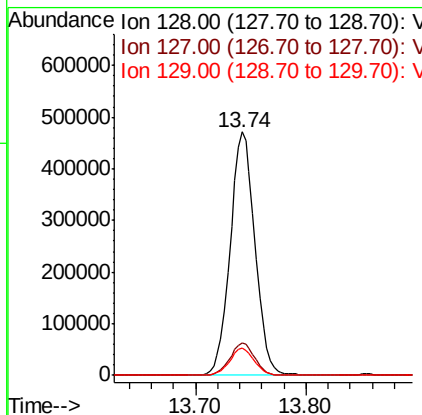
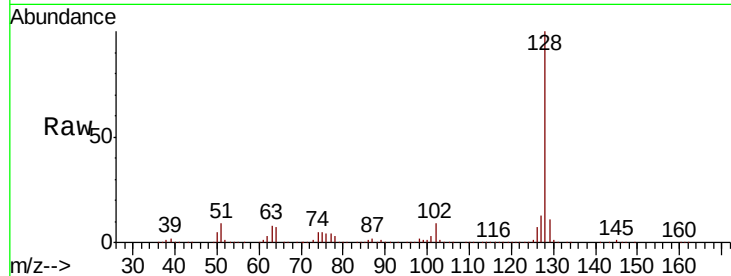




#95
Naphthalene
Concen: 107.144 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU026981.D
Acq: 21 Sep 2018 20:52

Instrument :
MSVOA_U
ClientSampleId :
FC-MW03SR1-20180911

Tgt Ion:128 Resp: 732454
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 11.2 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 0.223 ug/l
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU026981.D
Acq: 21 Sep 2018 20:52

Tgt Ion:180 Resp: 410
Ion Ratio Lower Upper
180 100
182 101.0 47.5 142.5
145 0.0 15.4 46.4#

