

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092618\
 Data File : VU027183.D
 Acq On : 26 Sep 2018 17:24
 Operator : MD/SY
 Sample : J5049-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-53-SEP19

Quant Time: Sep 27 01:08:14 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	98041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	166492	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	168377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	88108	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	100084	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
35) Dibromofluoromethane	4.89	113	69595	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
50) Toluene-d8	7.57	98	276595	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
62) 4-Bromofluorobenzene	10.31	95	100629	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	

Target Compounds

						Qvalue
3) Chloromethane	1.33	50	453	0.205	ug/l #	42
4) Vinyl Chloride	1.40	62	41224	20.011	ug/l	91
11) Tert butyl alcohol	2.83	59	938	2.074	ug/l #	72
12) 1,1-Dichloroethene	2.29	96	302	0.223	ug/l	87
13) Acrolein	2.20	56	1137	4.663	ug/l	88
14) Allyl chloride	2.45	41	462836	168.524	ug/l #	74
16) Acetone	2.32	43	5044048	5136.536	ug/l	99
17) Carbon Disulfide	2.48	76	2614	0.593	ug/l #	90
18) Methyl Acetate	2.45	43	1174509	418.189	ug/l #	55
20) Methylene Chloride	2.70	84	1355	0.767	ug/l #	88
22) Diisopropyl ether	3.60	45	14776	2.515	ug/l #	1
23) Vinyl Acetate	3.60	43	32410	6.472	ug/l #	75
24) 1,1-Dichloroethane	3.45	63	1255	0.388	ug/l #	84
25) 2-Butanone	4.27	43	50661	30.550	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	98164	60.124	ug/l	89
29) Tetrahydrofuran	4.65	42	511	0.509	ug/l #	37
30) Chloroform	4.67	83	725	0.241	ug/l	88
31) Cyclohexane	4.99	56	2959	0.436	ug/l #	16
36) 1,1-Dichloropropene	4.98	75	9450	4.253	ug/l #	49
37) Ethyl Acetate	4.39	43	31327	10.414	ug/l #	80
38) Carbon Tetrachloride	4.99	117	10187	4.818	ug/l #	18
41) Methacrylonitrile	4.57	41	3962	2.536	ug/l #	48
43) Isopropyl Acetate	5.55	43	20027	4.565	ug/l #	89
44) Trichloroethene	6.19	130	1571	1.092	ug/l	95
48) Methyl methacrylate	6.60	41	907	1.384	ug/l #	17
51) 4-Methyl-2-Pentanone	7.46	43	123928	42.003	ug/l	97
52) Toluene	7.64	92	10290	2.658	ug/l	98
54) cis-1,3-Dichloropropene	7.42	75	2178	0.784	ug/l #	62
56) Ethyl methacrylate	7.91	69	5043	3.887	ug/l #	47
59) 2-Hexanone	8.26	43	32452	14.051	ug/l #	26
60) Dibromochloromethane	8.23	129	365	0.227	ug/l #	11
64) Tetrachloroethene	8.23	164	414	0.319	ug/l	94
68) m/p-Xylenes	9.38	106	2112	2.200	ug/l	100
69) o-Xylene	9.78	106	1460	0.561	ug/l	88

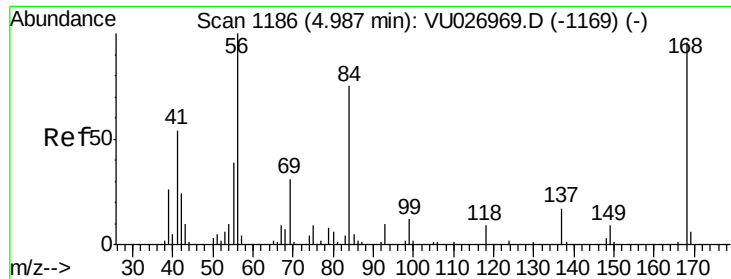
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092618\
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 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Styrene	9.79	104	239	1.857	ug/l #	1
74) N-amyl acetate	10.05	43	17395	4.484	ug/l #	36
76) 1,2,3-Trichloropropane	10.31	75	55916	20.890	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	55916	66.851	ug/l #	100
86) p-Isopropyltoluene	11.48	119	1623	1.182	ug/l #	80
89) n-Butylbenzene	11.89	91	216	2.426	ug/l #	33
90) Hexachloroethane	12.25	117	298	0.245	ug/l #	13
95) Naphthalene	13.75	128	482	1.753	ug/l #	69

(#) = 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: VU027183.D

Acq: 26 Sep 2018 17:24

Instrument :

MSVOA_U

ClientSampleId :

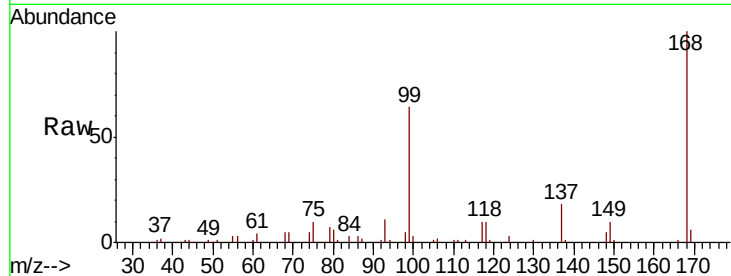
MW-53-SEP19

Tgt Ion:168 Resp: 98041

Ion Ratio Lower Upper

168 100

99 63.8 48.1 72.1

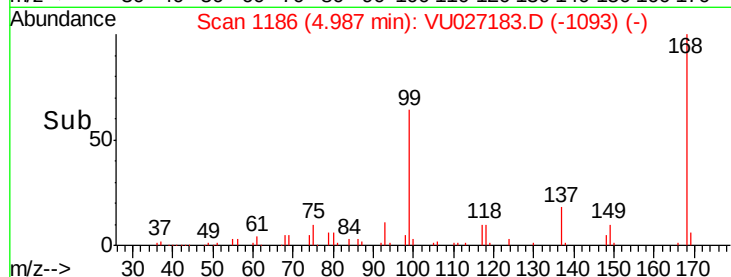


Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

Time-->

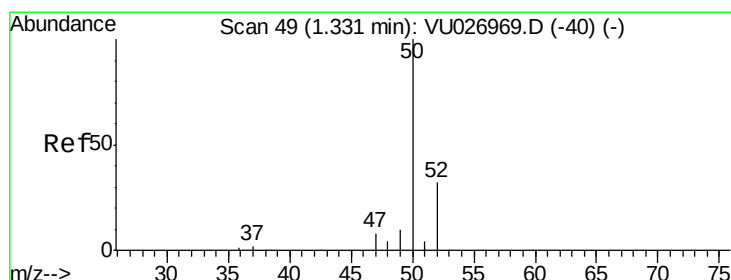


Abundance Ion 167.90 (167.60 to 168.60): VU027183.D (-1093) (-)

Ion 98.90 (98.60 to 99.60): VU027183.D (-1093) (-)

4.99

Time-->



#3

Chloromethane

Concen: 0.205 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU027183.D

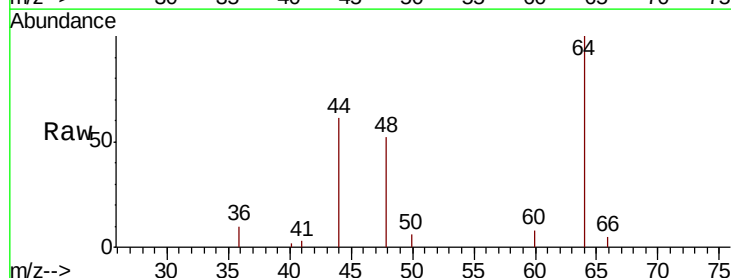
Acq: 26 Sep 2018 17:24

Tgt Ion: 50 Resp: 453

Ion Ratio Lower Upper

50 100

52 0.0 25.9 38.9#

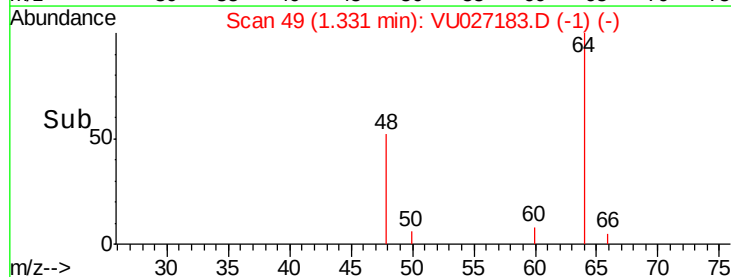


Abundance Ion 49.90 (49.60 to 50.60): VU026969.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU026969.D (-40) (-)

1.33

Time-->

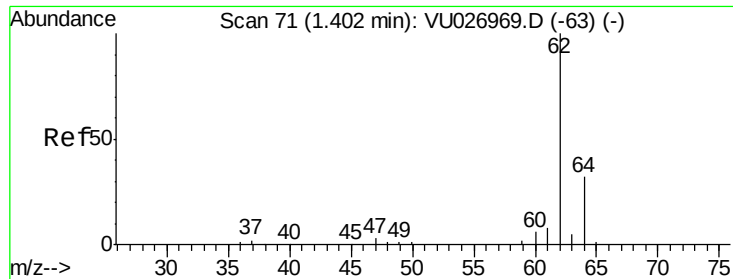


Abundance Ion 49.90 (49.60 to 50.60): VU027183.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VU027183.D (-1) (-)

1.33

Time-->



#4

Vinyl Chloride

Concen: 20.011 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027183.D

Acq: 26 Sep 2018 17:24

Instrument :

MSVOA_U

ClientSampleId :

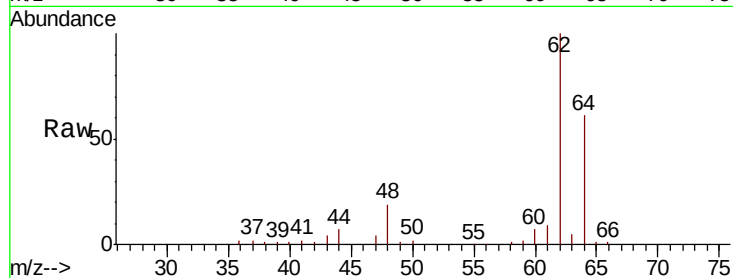
MW-53-SEP19

Tgt Ion: 62 Resp: 41224

Ion Ratio Lower Upper

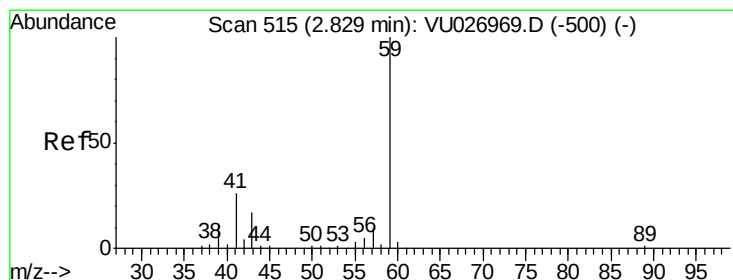
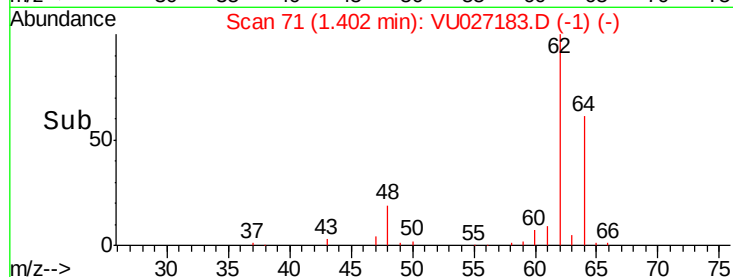
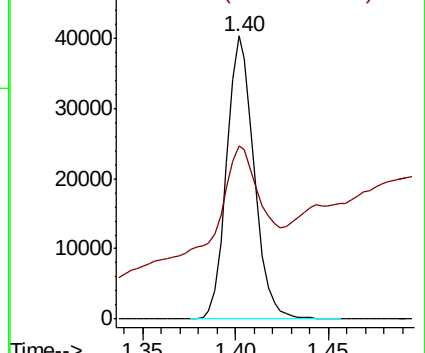
62 100

64 36.9 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0



#11

Tert butyl alcohol

Concen: 2.074 ug/l

RT: 2.83 min Scan# 516

Delta R.T. 0.00 min

Lab File: VU027183.D

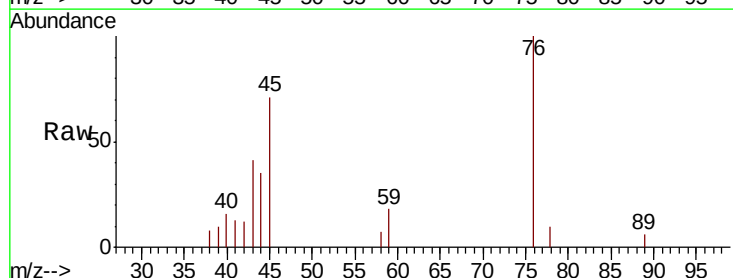
Acq: 26 Sep 2018 17:24

Tgt Ion: 59 Resp: 938

Ion Ratio Lower Upper

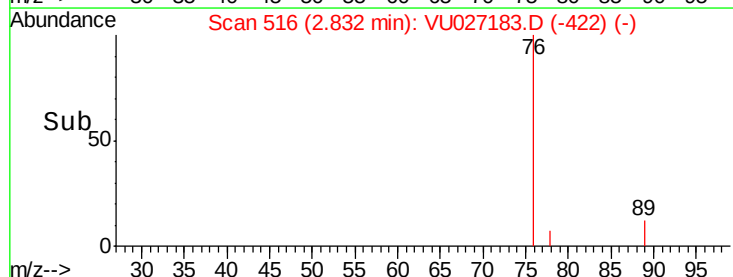
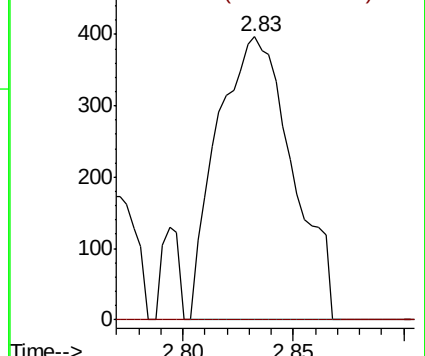
59 100

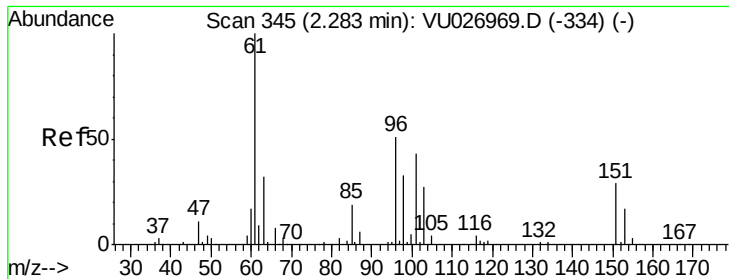
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

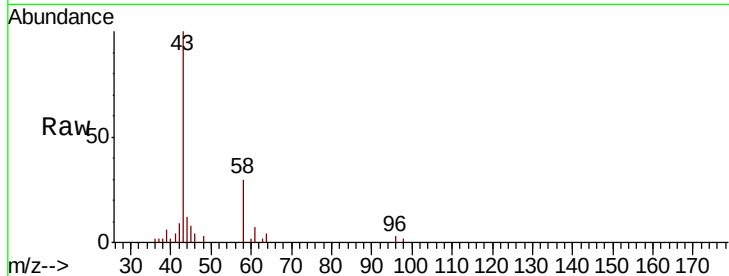




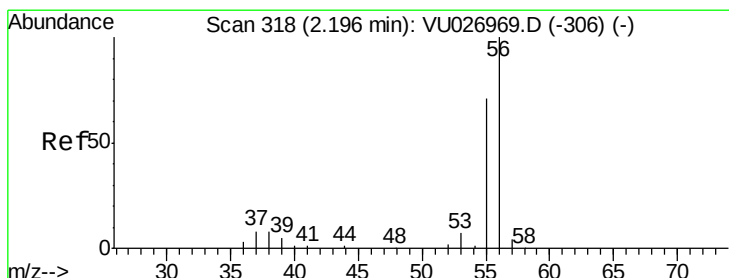
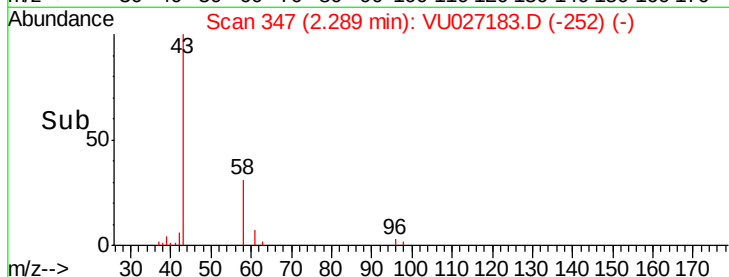
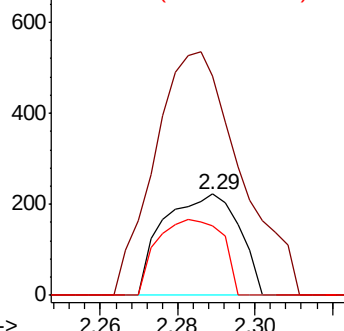
#12
 1,1-Dichloroethene
 Concen: 0.223 ug/l
 RT: 2.29 min Scan# 347
 Delta R.T. 0.01 min
 Lab File: VU027183.D
 Acq: 26 Sep 2018 17:24

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-53-SEP19

Tgt Ion: 96 Resp: 302
 Ion Ratio Lower Upper
 96 100
 61 172.1 156.1 234.1
 98 68.9 51.4 77.0

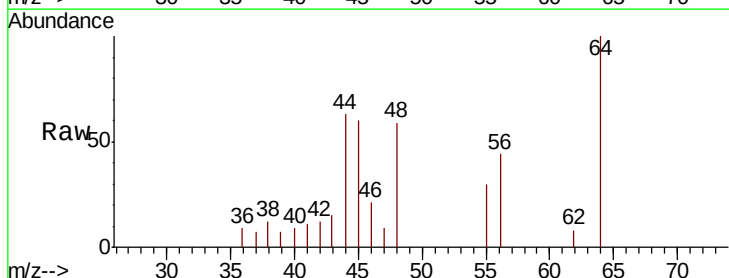


Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0

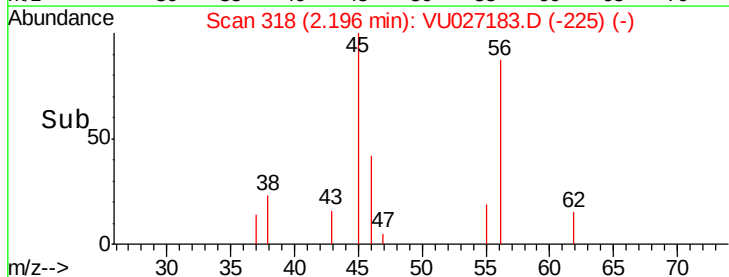
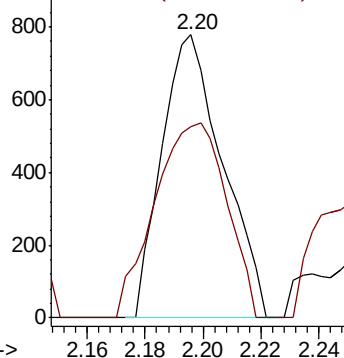


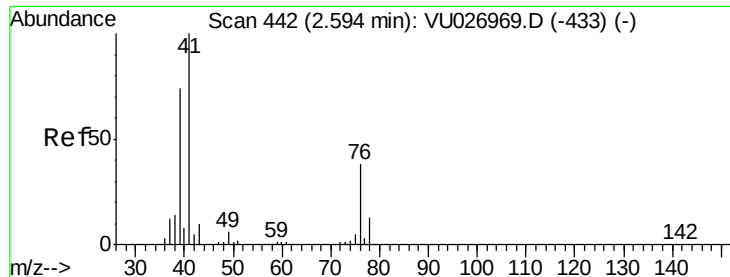
#13
 Acrolein
 Concen: 4.663 ug/l
 RT: 2.20 min Scan# 318
 Delta R.T. 0.00 min
 Lab File: VU027183.D
 Acq: 26 Sep 2018 17:24

Tgt Ion: 56 Resp: 1137
 Ion Ratio Lower Upper
 56 100
 55 81.2 57.1 85.7



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

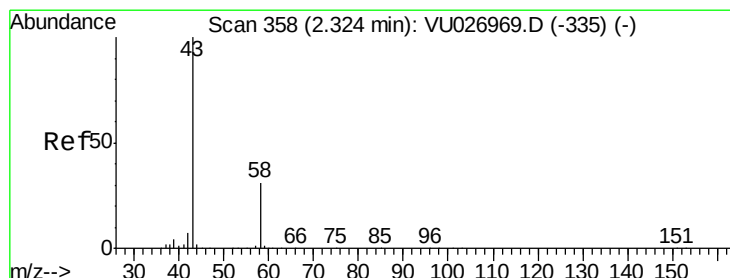
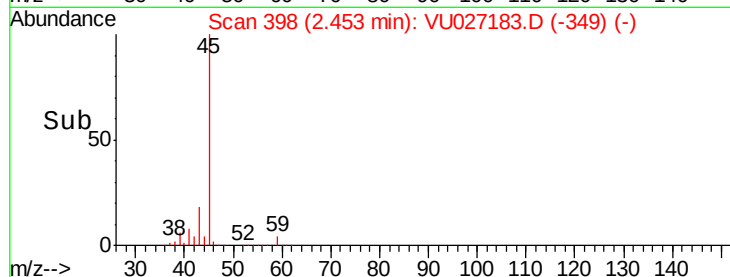
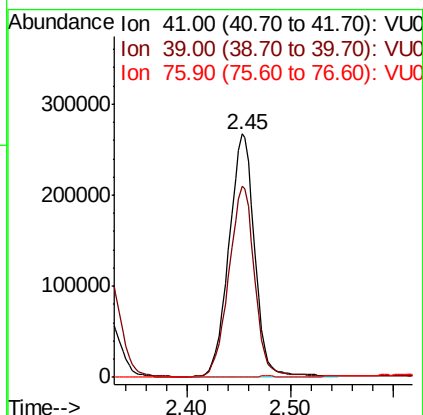
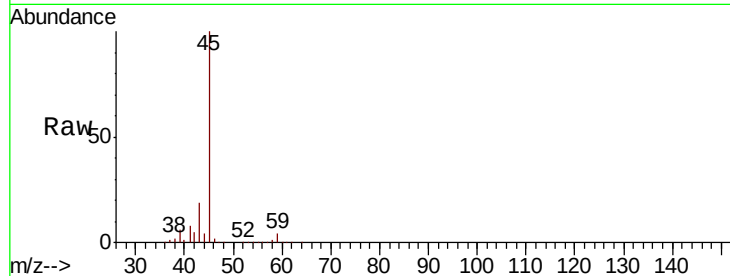




#14
 Allyl chloride
 Concen: 168.524 ug/l
 RT: 2.45 min Scan# 398
 Delta R.T. -0.14 min
 Lab File: VU027183.D
 Acq: 26 Sep 2018 17:24

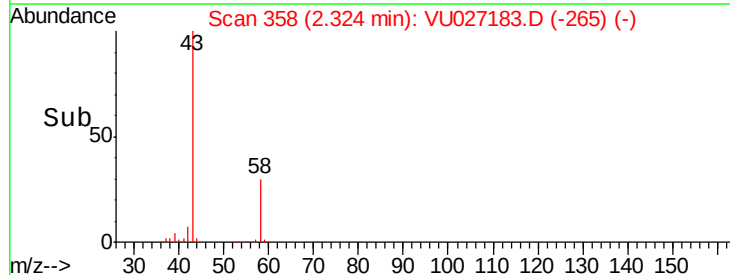
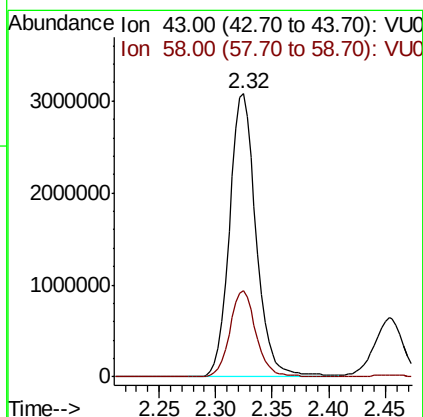
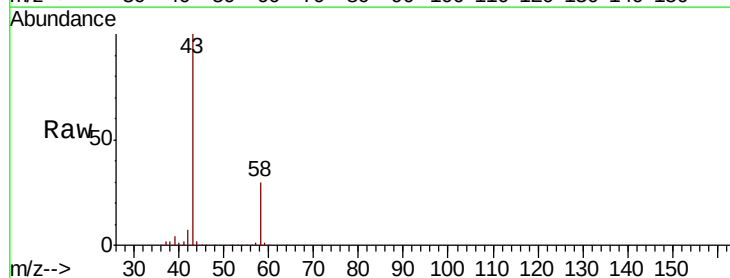
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-53-SEP19

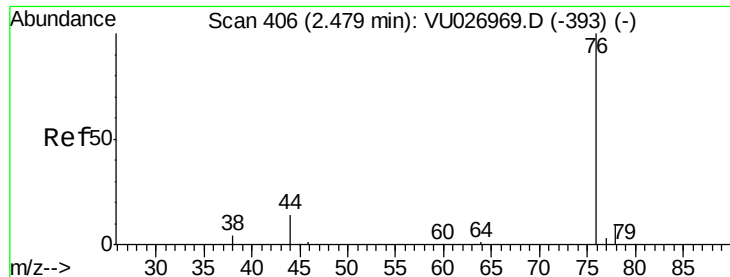
Tgt Ion: 41 Resp: 462836
 Ion Ratio Lower Upper
 41 100
 39 78.3 55.7 83.5
 76 0.0 26.5 39.7#



#16
 Acetone
 Concen: 5136.536 ug/l
 RT: 2.32 min Scan# 358
 Delta R.T. 0.00 min
 Lab File: VU027183.D
 Acq: 26 Sep 2018 17:24

Tgt Ion: 43 Resp: 5044048
 Ion Ratio Lower Upper
 43 100
 58 30.3 24.6 36.8





#17

Carbon Disulfide

Concen: 0.593 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027183.D

Acq: 26 Sep 2018 17:24

Instrument :

MSVOA_U

ClientSampleId :

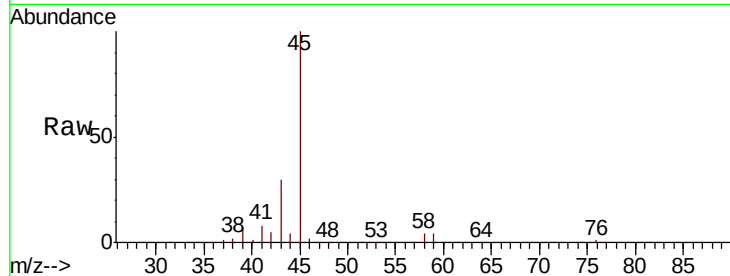
MW-53-SEP19

Tgt Ion: 76 Resp: 2614

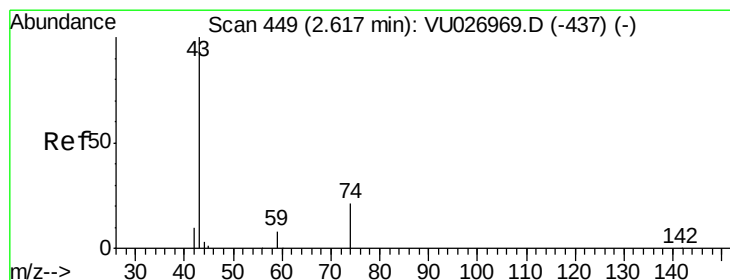
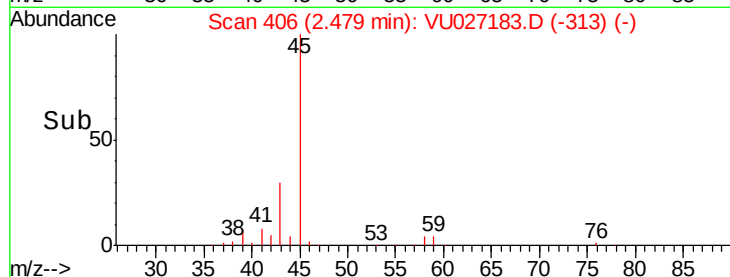
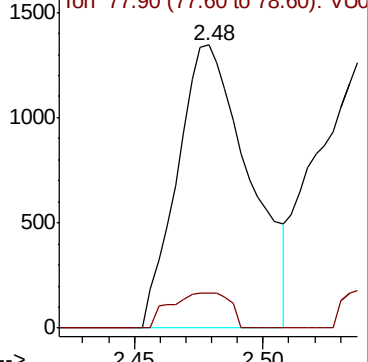
Ion Ratio Lower Upper

76 100

78 12.5 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VU026969.D (-393) (-)



#18

Methyl Acetate

Concen: 418.189 ug/l

RT: 2.45 min Scan# 398

Delta R.T. -0.16 min

Lab File: VU027183.D

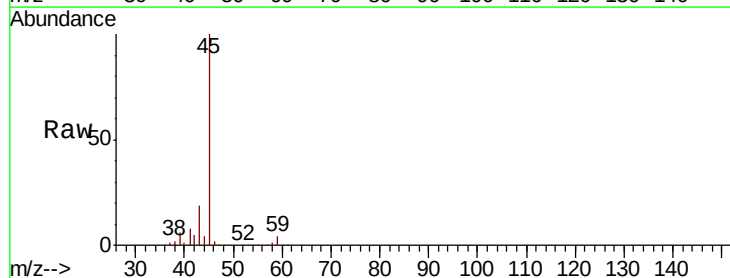
Acq: 26 Sep 2018 17:24

Tgt Ion: 43 Resp: 1174509

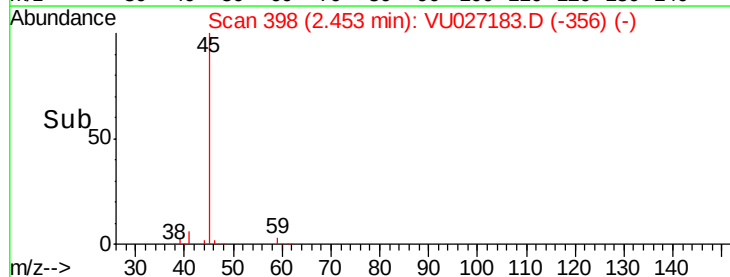
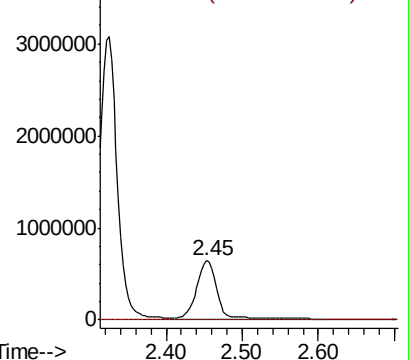
Ion Ratio Lower Upper

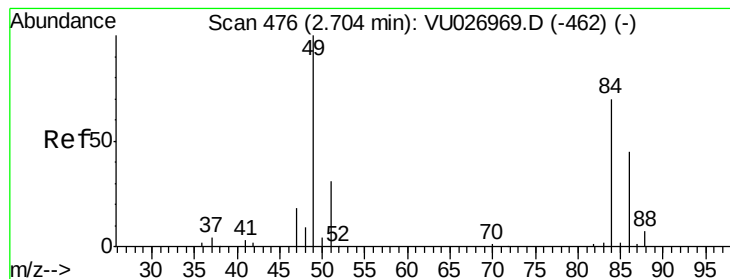
43 100

74 0.0 16.6 25.0#



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-437) (-)





#20

Methylene Chloride

Concen: 0.767 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU027183.D

Acq: 26 Sep 2018 17:24

Instrument :

MSVOA_U

ClientSampleId :

MW-53-SEP19

Tgt Ion: 84 Resp: 1355

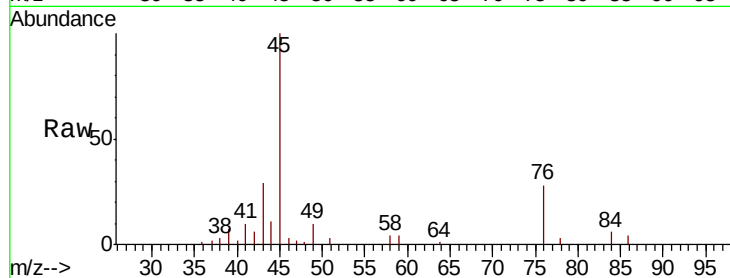
Ion Ratio Lower Upper

84 100

49 159.5 114.9 172.3

51 54.8 35.8 53.8#

86 71.2 51.3 76.9

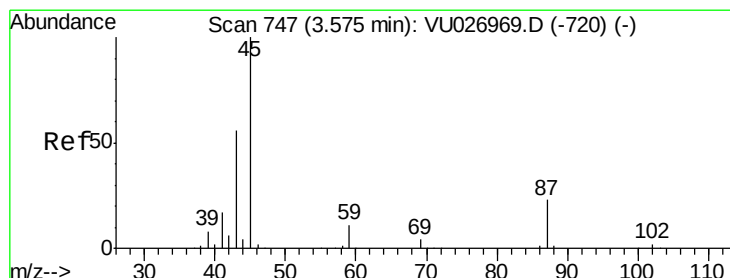
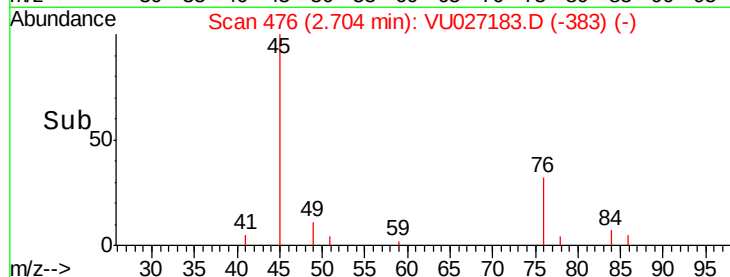
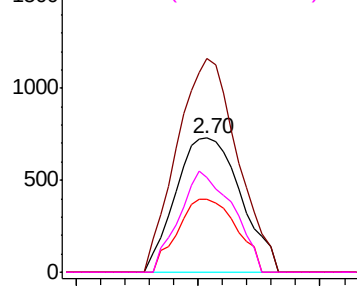


Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0



#22

Diisopropyl ether

Concen: 2.515 ug/l

RT: 3.60 min Scan# 756

Delta R.T. 0.03 min

Lab File: VU027183.D

Acq: 26 Sep 2018 17:24

Tgt Ion: 45 Resp: 14776

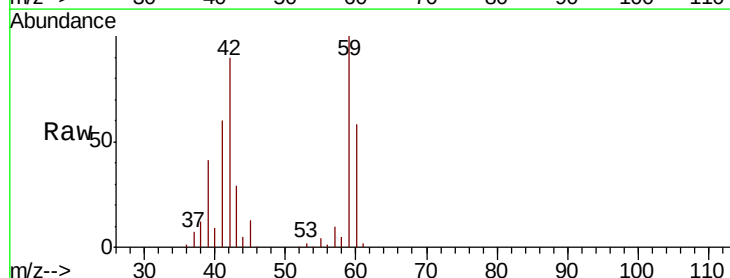
Ion Ratio Lower Upper

45 100

43 230.0 45.8 68.6#

87 0.0 18.6 28.0#

59 795.3 9.0 13.4#

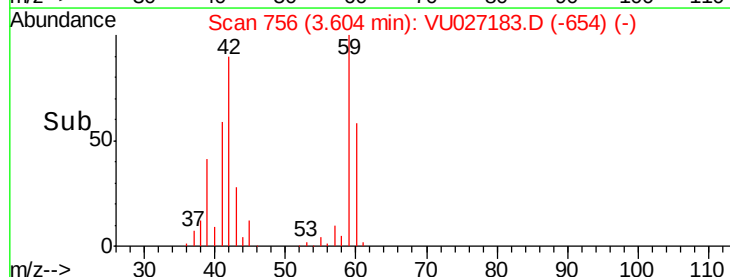
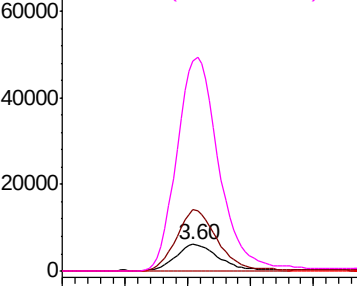


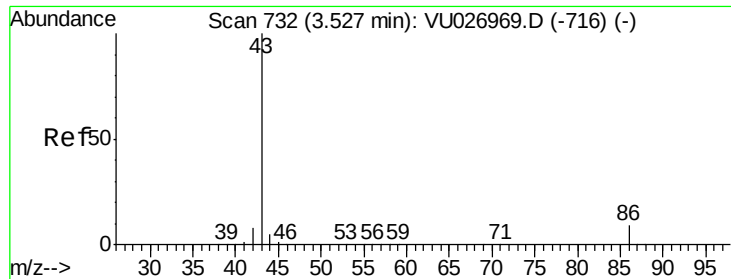
Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 6.472 ug/l

RT: 3.60 min Scan# 756

Delta R.T. 0.08 min

Lab File: VU027183.D

Acq: 26 Sep 2018 17:24

Instrument :

MSVOA_U

ClientSampleId :

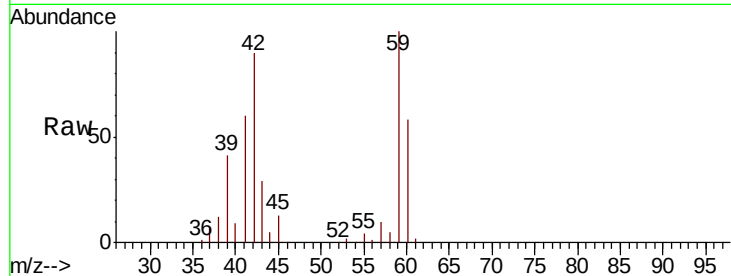
MW-53-SEP19

Tgt Ion: 43 Resp: 32410

Ion Ratio Lower Upper

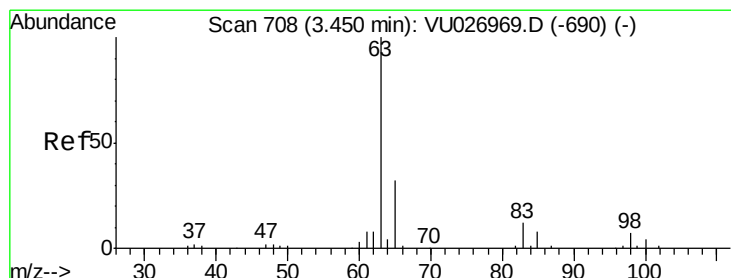
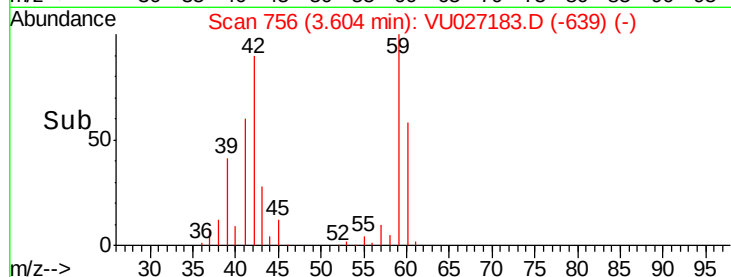
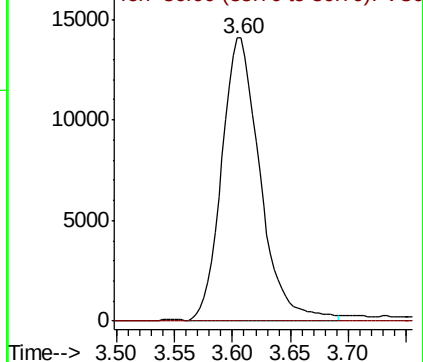
43 100

86 0.0 7.2 10.8#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 0.388 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027183.D

Acq: 26 Sep 2018 17:24

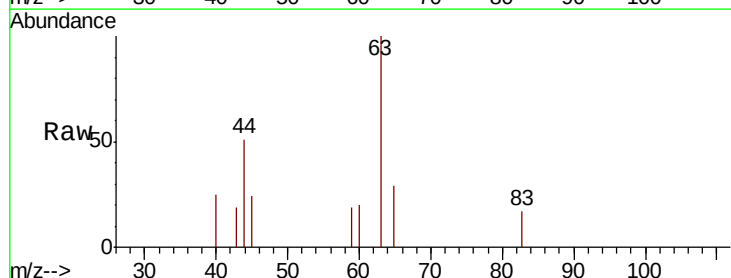
Tgt Ion: 63 Resp: 1255

Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.8#

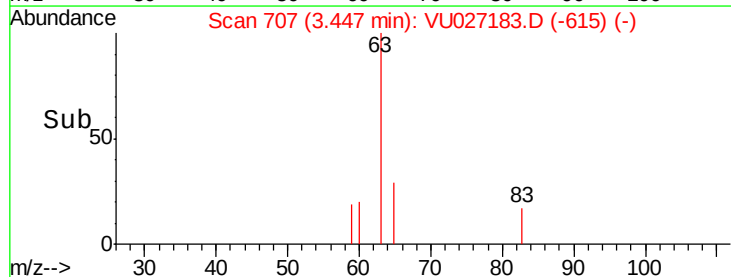
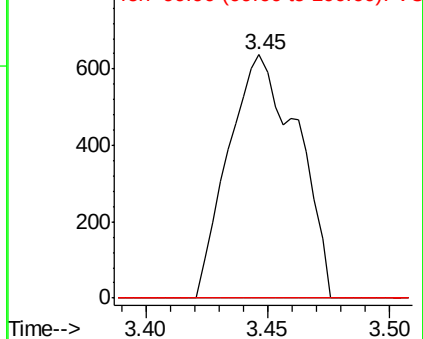
100 0.0 2.0 5.8#

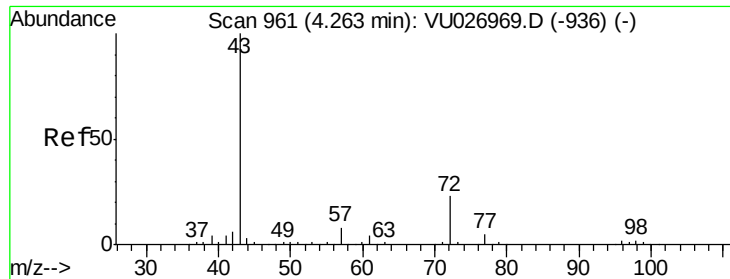


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 30.550 ug/l

RT: 4.27 min Scan# 963

Delta R.T. 0.01 min

Lab File: VU027183.D

Acq: 26 Sep 2018 17:24

Instrument :

MSVOA_U

ClientSampleId :

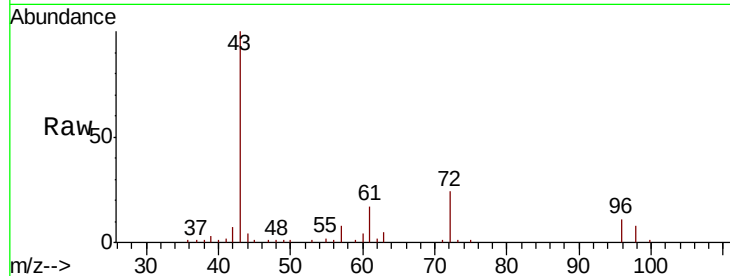
MW-53-SEP19

Tgt Ion: 43 Resp: 50661

Ion Ratio Lower Upper

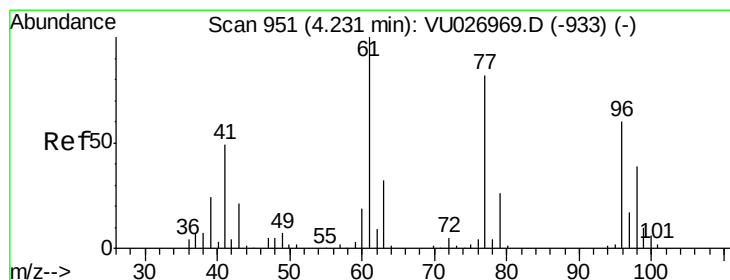
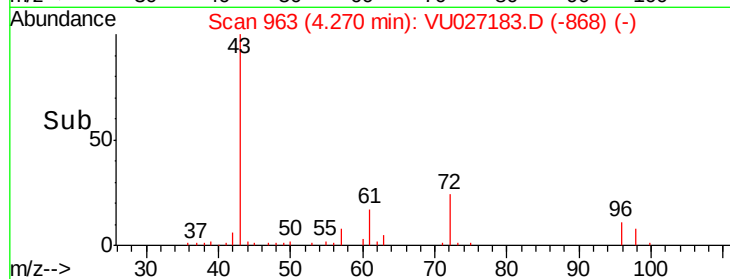
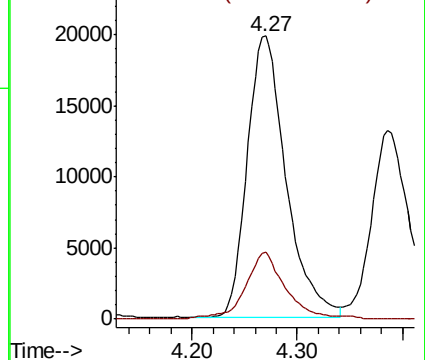
43 100

72 23.2 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: 60.124 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027183.D

Acq: 26 Sep 2018 17:24

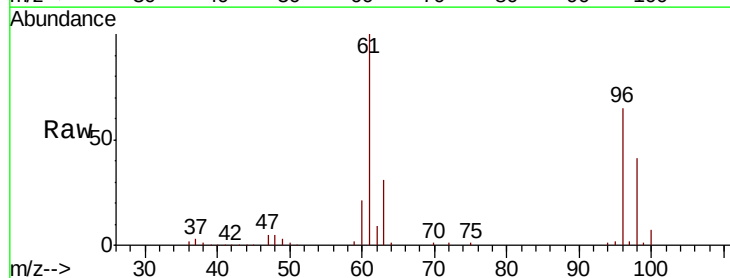
Tgt Ion: 96 Resp: 98164

Ion Ratio Lower Upper

96 100

61 149.0 0.0 337.2

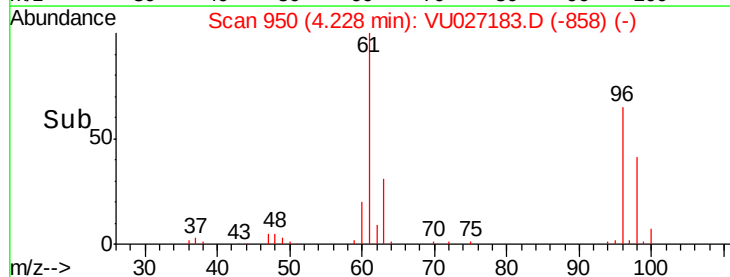
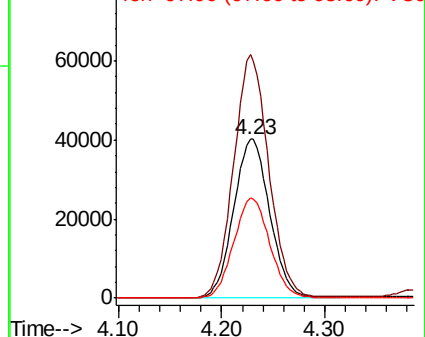
98 62.9 0.0 127.6

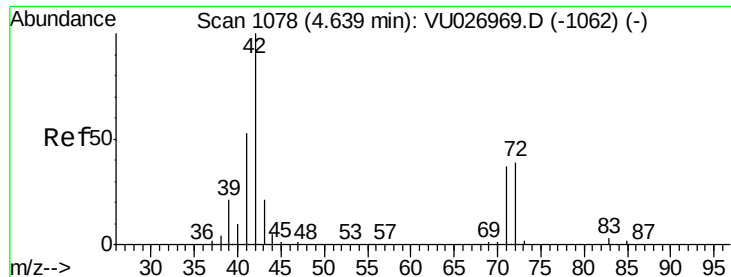


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

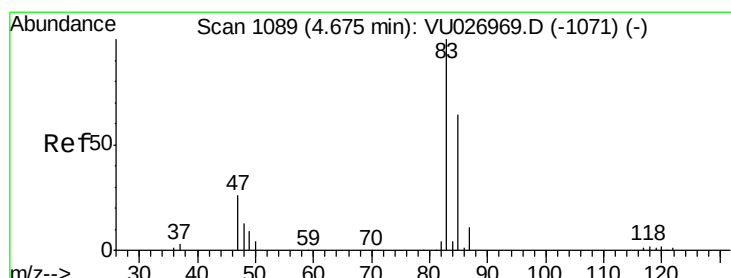
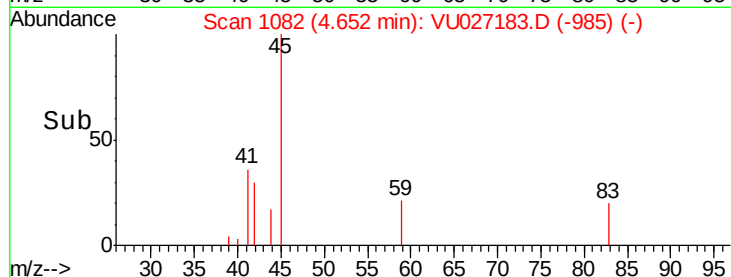
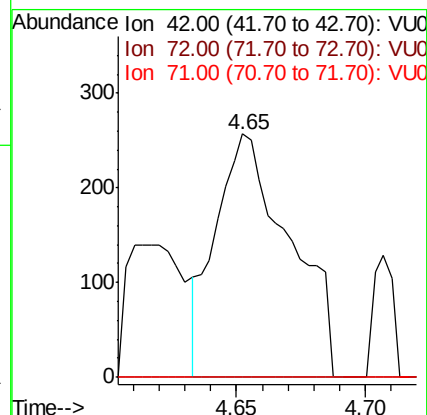
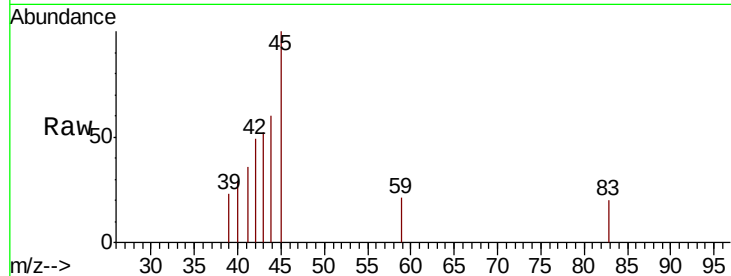




#29
Tetrahydrofuran
Concen: 0.509 ug/l
RT: 4.65 min Scan# 1082
Delta R.T. 0.01 min
Lab File: VU027183.D
Acq: 26 Sep 2018 17:24

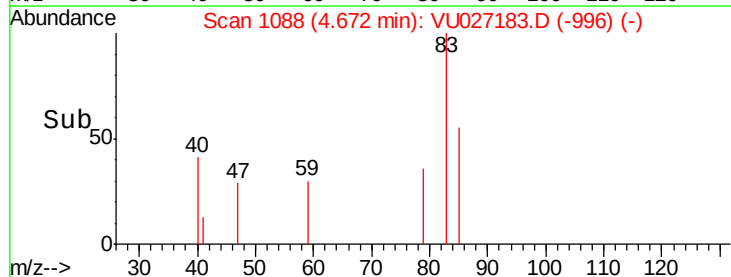
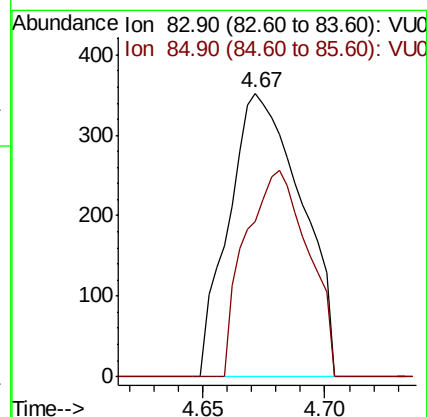
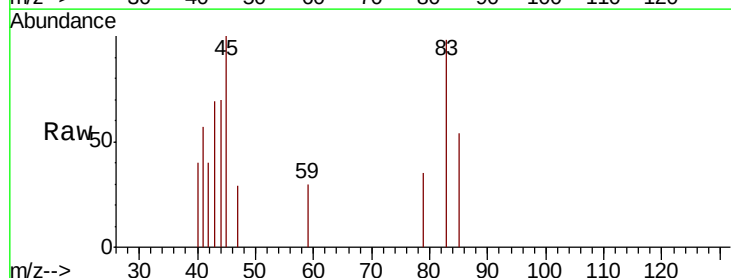
Instrument :
MSVOA_U
ClientSampleId :
MW-53-SEP19

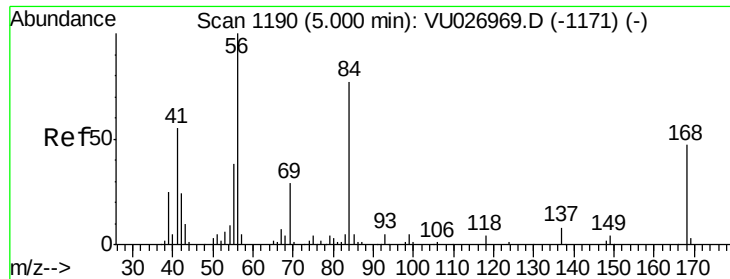
Tgt Ion: 42 Resp: 511
Ion Ratio Lower Upper
42 100
72 0.0 31.7 47.5#
71 0.0 29.6 44.4#



#30
Chloroform
Concen: 0.241 ug/l
RT: 4.67 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VU027183.D
Acq: 26 Sep 2018 17:24

Tgt Ion: 83 Resp: 725
Ion Ratio Lower Upper
83 100
85 54.8 51.5 77.3

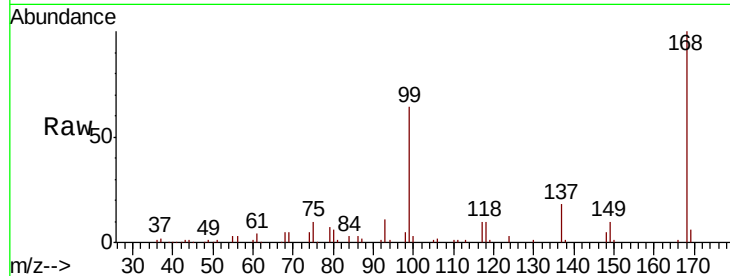




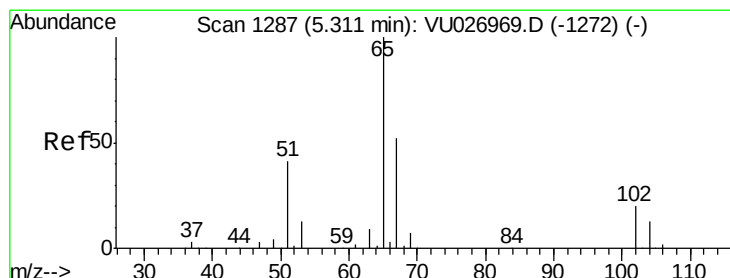
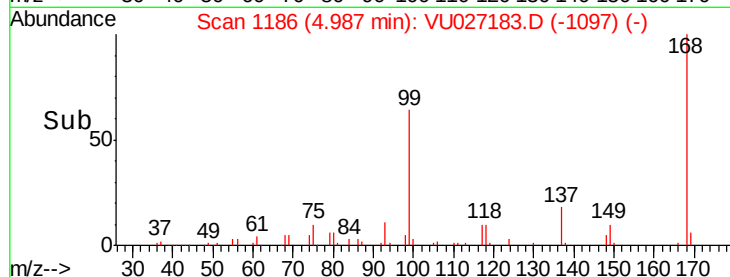
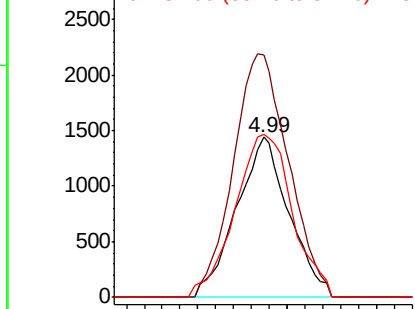
#31
Cyclohexane
Concen: 0.436 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027183.D
Acq: 26 Sep 2018 17:24

Instrument :
MSVOA_U
ClientSampleId :
MW-53-SEP19

Tgt Ion: 56 Resp: 2959
Ion Ratio Lower Upper
56 100
69 151.8 23.0 34.4#
84 102.2 61.4 92.2#

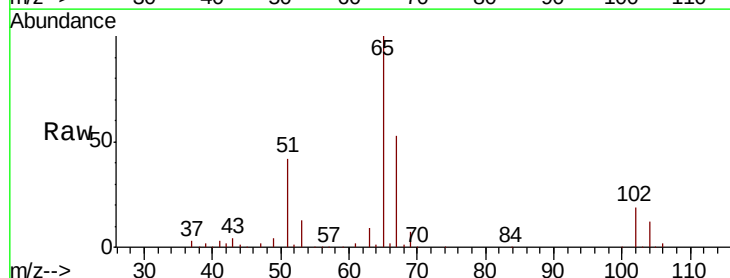


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

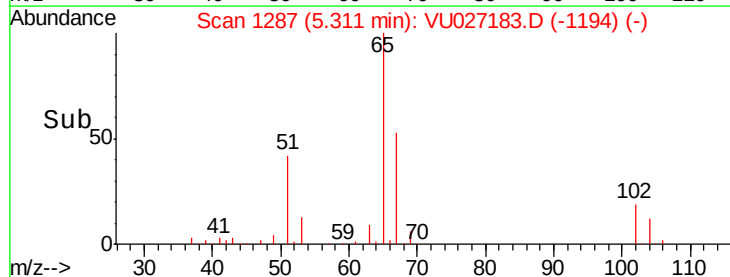
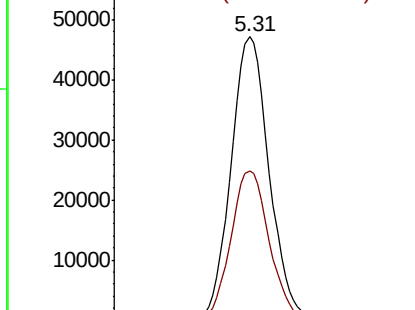


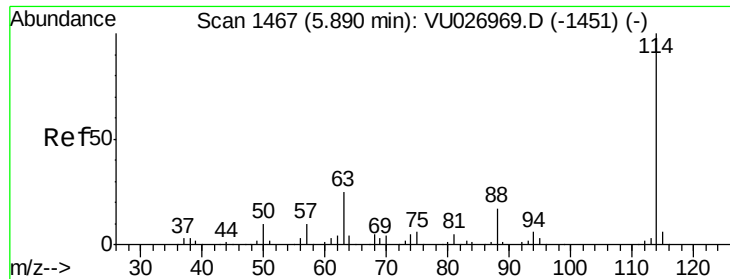
#33
1,2-Dichloroethane-d4
Concen: 50.721 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027183.D
Acq: 26 Sep 2018 17:24

Tgt Ion: 65 Resp: 100084
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.6



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

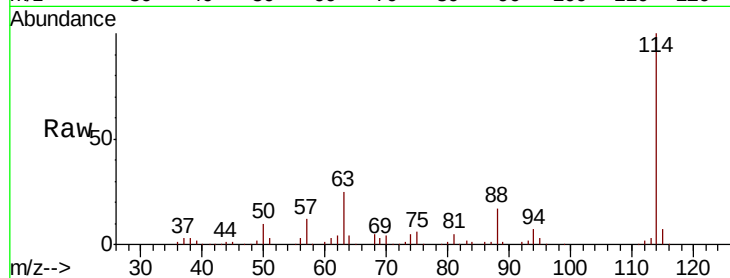




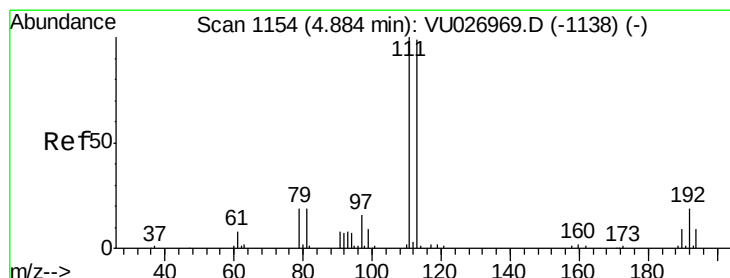
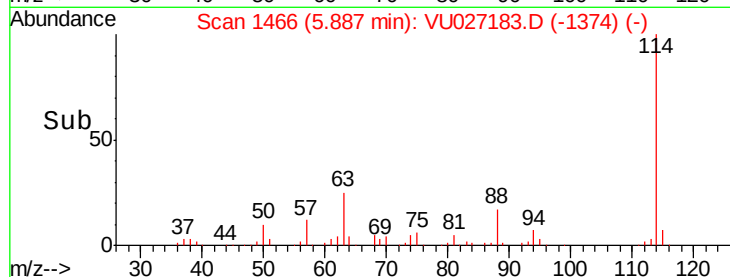
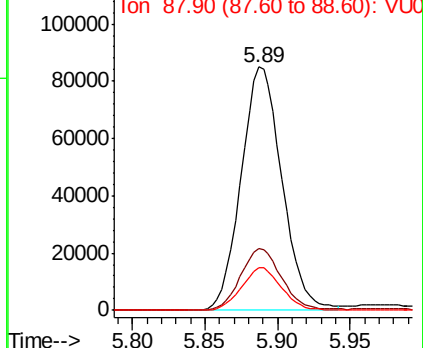
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027183.D
 Acq: 26 Sep 2018 17:24

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-53-SEP19

Tgt Ion:114 Resp: 166492
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 49.2
 88 17.5 0.0 33.8

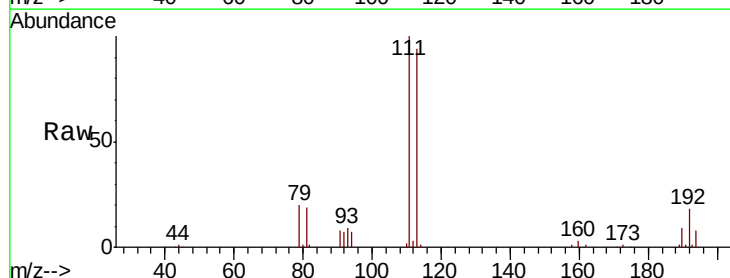


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

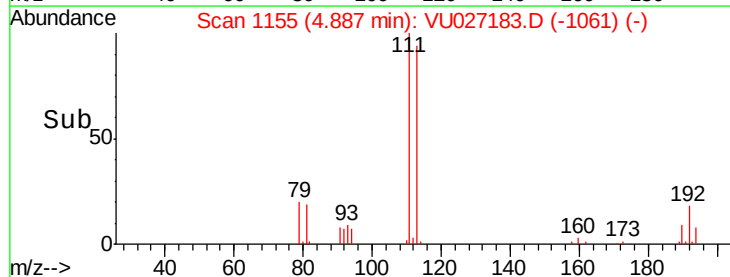
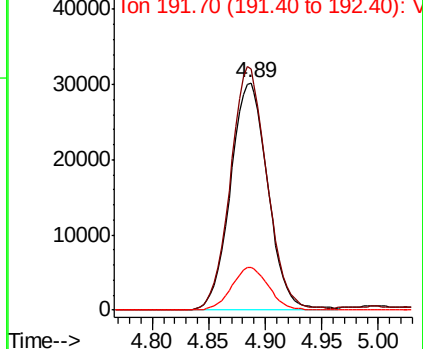


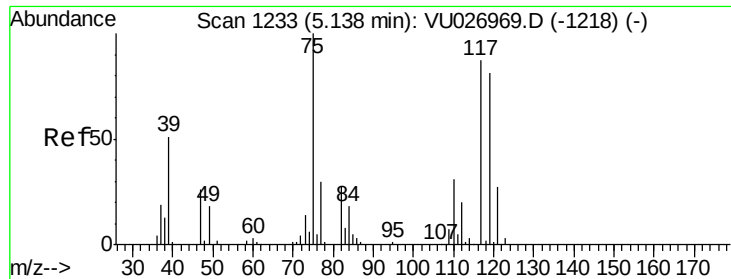
#35
 Dibromofluoromethane
 Concen: 48.224 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027183.D
 Acq: 26 Sep 2018 17:24

Tgt Ion:113 Resp: 69595
 Ion Ratio Lower Upper
 113 100
 111 104.7 82.2 123.4
 192 18.4 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: 4.253 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU027183.D

Acq: 26 Sep 2018 17:24

Instrument :

MSVOA_U

ClientSampleId :

MW-53-SEP19

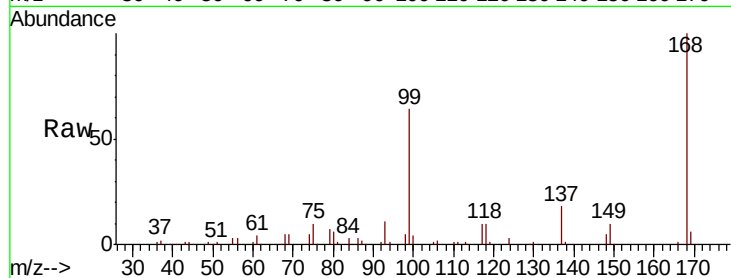
Tgt Ion: 75 Resp: 9450

Ion Ratio Lower Upper

75 100

110 6.5 16.1 48.2#

77 0.0 24.6 36.8#

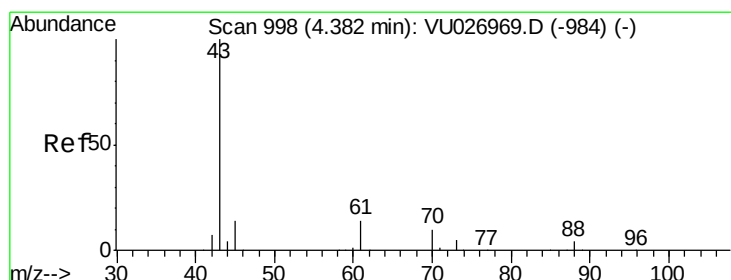
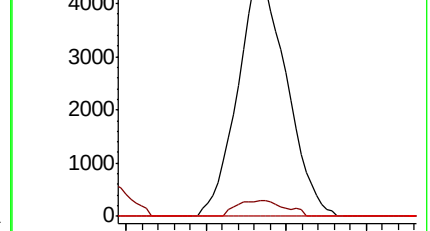
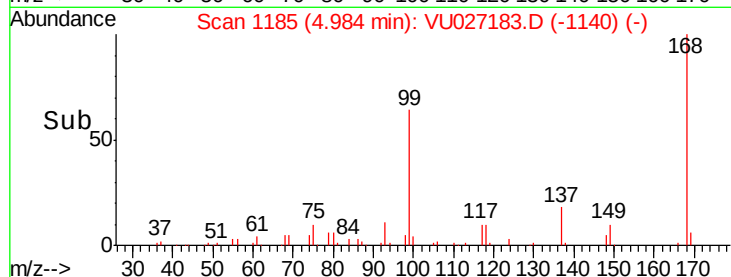


Abundance Ion 74.90 (74.60 to 75.60): VU026969.D (-1218) (-)

Ion 109.90 (109.60 to 110.60): VU026969.D (-1218) (-)

Ion 76.90 (76.60 to 77.60): VU026969.D (-1218) (-)

Time-->



#37

Ethyl Acetate

Concen: 10.414 ug/l

RT: 4.39 min Scan# 999

Delta R.T. 0.00 min

Lab File: VU027183.D

Acq: 26 Sep 2018 17:24

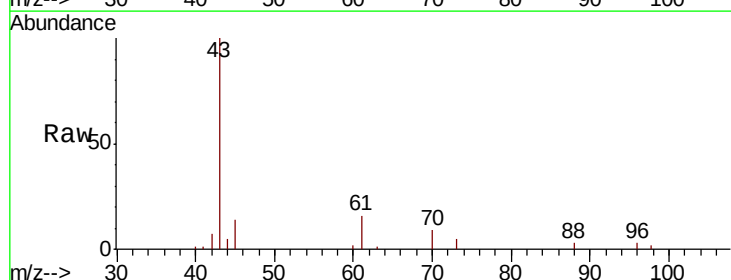
Tgt Ion: 43 Resp: 31327

Ion Ratio Lower Upper

43 100

61 0.0 10.5 15.7#

70 9.0 7.4 11.0

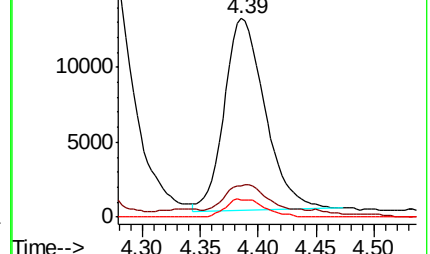
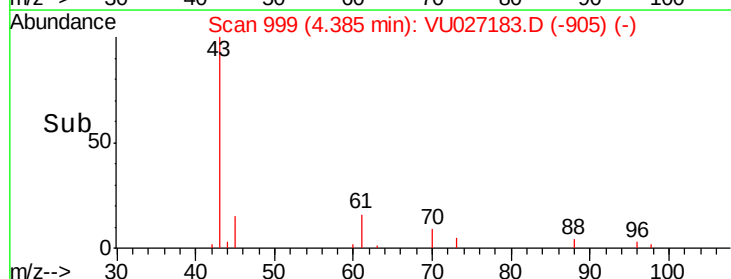


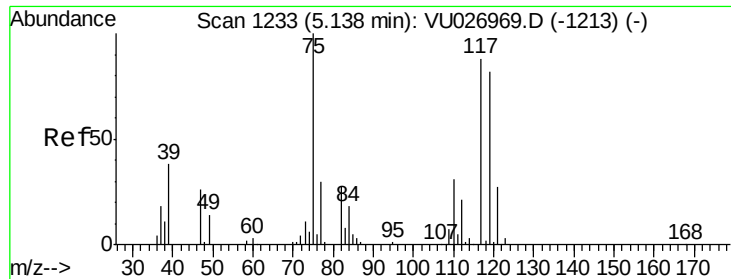
Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-984) (-)

Ion 60.90 (60.60 to 61.60): VU026969.D (-984) (-)

Ion 70.00 (69.70 to 70.70): VU026969.D (-984) (-)

Time-->





#38

Carbon Tetrachloride

Concen: 4.818 ug/l

RT: 4.99 min Scan# 1187

Delta R.T. -0.15 min

Lab File: VU027183.D

Acq: 26 Sep 2018 17:24

Instrument :

MSVOA_U

ClientSampleId :

MW-53-SEP19

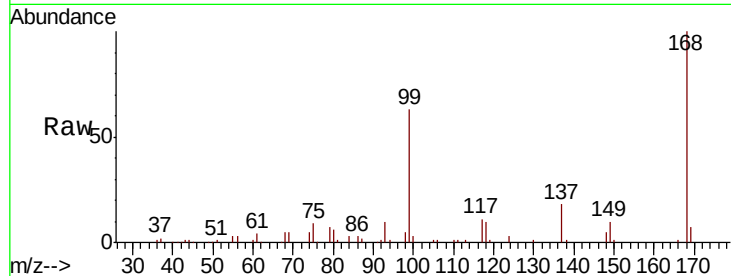
Tgt Ion: 117 Resp: 10187

Ion Ratio Lower Upper

117 100

119 5.4 74.4 111.6#

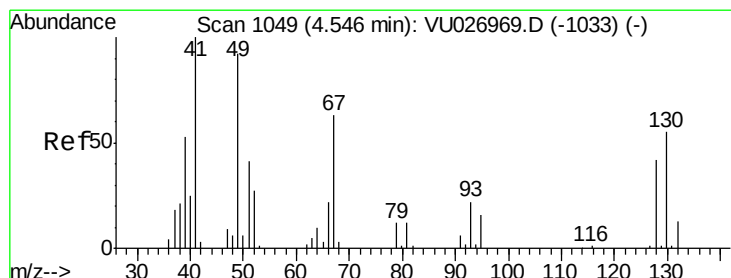
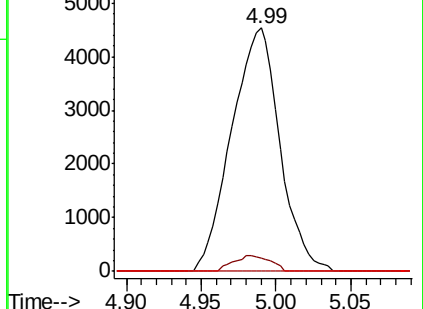
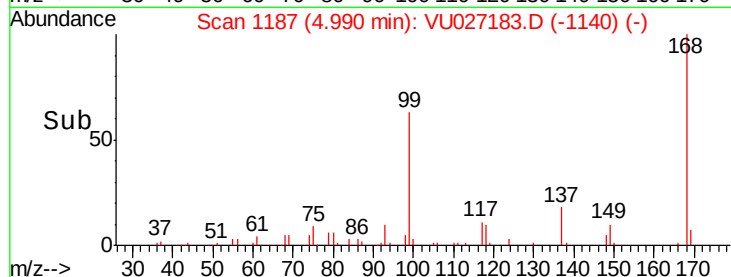
121 0.0 24.2 36.4#



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



#41

Methacrylonitrile

Concen: 2.536 ug/l

RT: 4.57 min Scan# 1057

Delta R.T. 0.03 min

Lab File: VU027183.D

Acq: 26 Sep 2018 17:24

Tgt Ion: 41 Resp: 3962

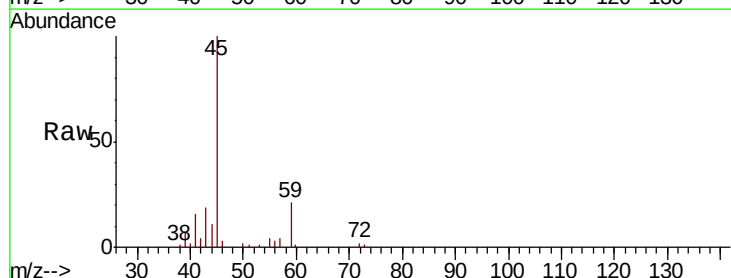
Ion Ratio Lower Upper

41 100

39 42.9 42.9 64.3

67 0.0 52.4 78.6#

52 0.0 21.3 31.9#

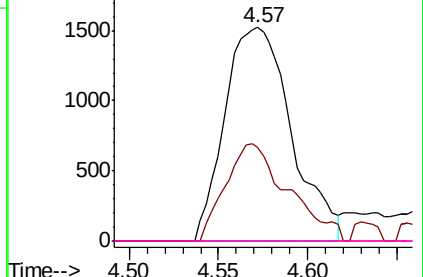
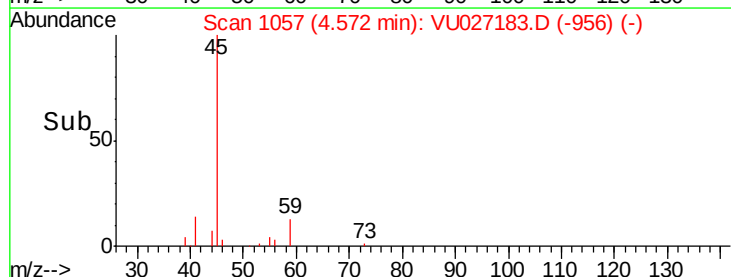


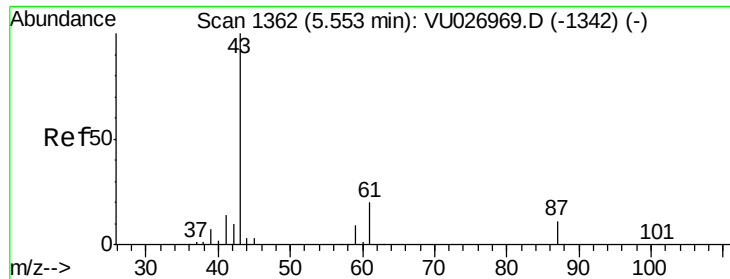
Abundance Ion 41.00 (40.70 to 41.70): VU0

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: 4.565 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU027183.D

Acq: 26 Sep 2018 17:24

Instrument :

MSVOA_U

ClientSampleId :

MW-53-SEP19

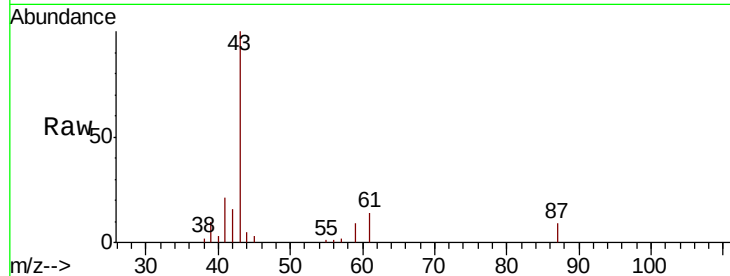
Tgt Ion: 43 Resp: 20027

Ion Ratio Lower Upper

43 100

61 13.6 15.7 23.5#

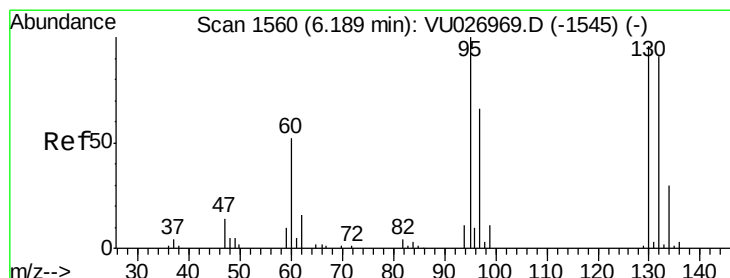
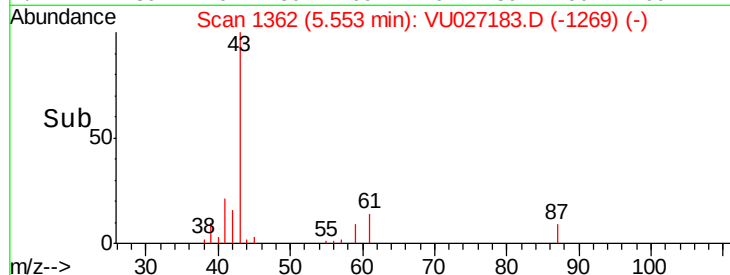
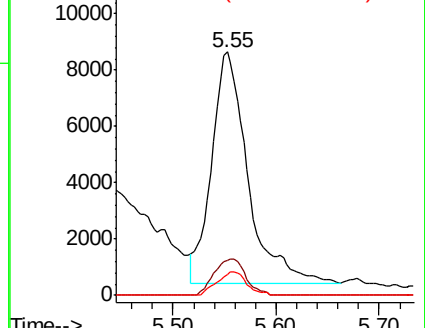
87 8.4 9.0 13.4#



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1342) (-)

Ion 61.00 (60.70 to 61.70): VU026969.D (-1342) (-)

Ion 87.00 (86.70 to 87.70): VU026969.D (-1342) (-)



#44

Trichloroethene

Concen: 1.092 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027183.D

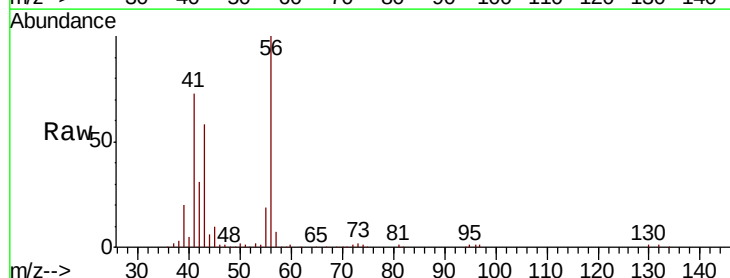
Acq: 26 Sep 2018 17:24

Tgt Ion: 130 Resp: 1571

Ion Ratio Lower Upper

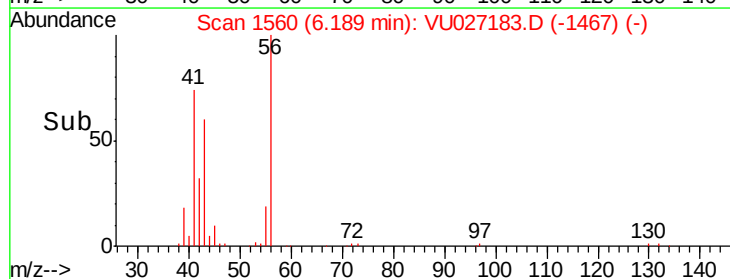
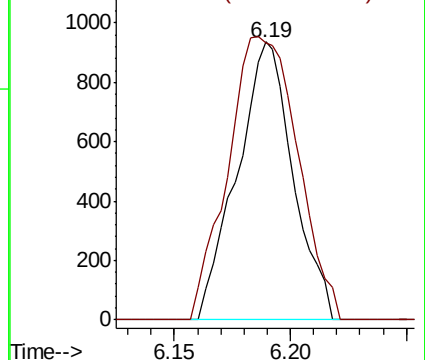
130 100

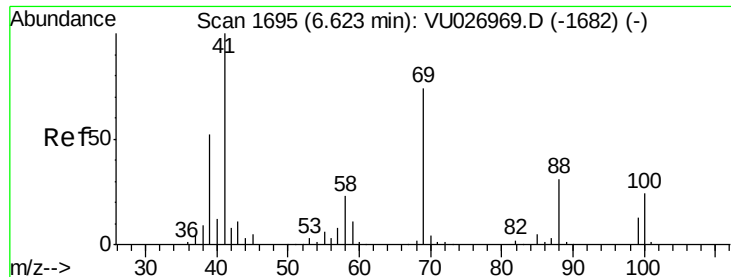
95 99.4 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): VU026969.D (-1545) (-)

Ion 94.90 (94.60 to 95.60): VU026969.D (-1545) (-)

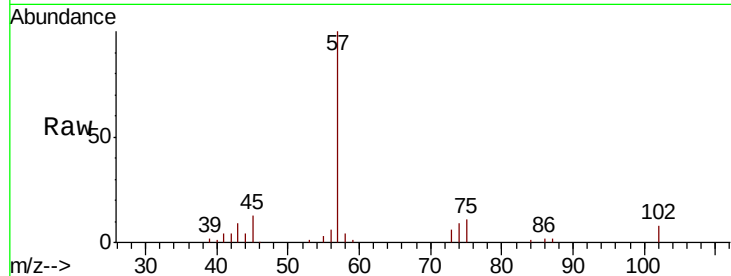




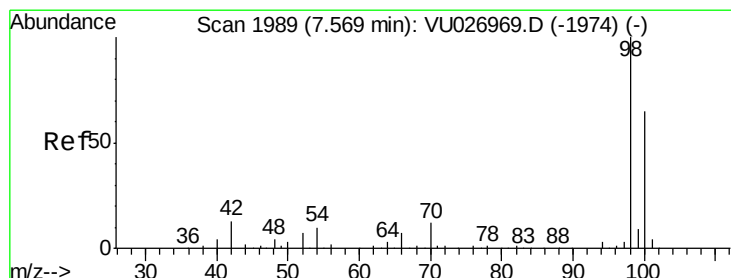
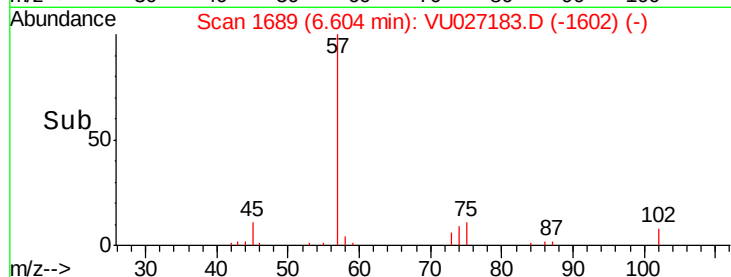
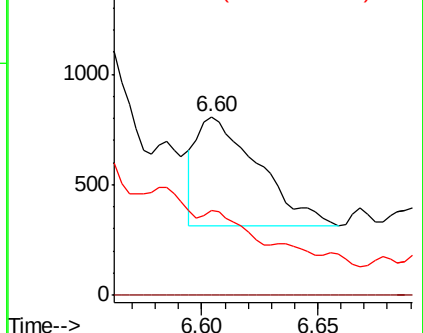
#48
Methyl methacrylate
Concen: 1.384 ug/l
RT: 6.60 min Scan# 1689
Delta R.T. -0.02 min
Lab File: VU027183.D
Acq: 26 Sep 2018 17:24

Instrument :
MSVOA_U
ClientSampleId :
MW-53-SEP19

Tgt Ion: 41 Resp: 907
Ion Ratio Lower Upper
41 100
69 0.0 60.6 90.8#
39 0.0 42.8 64.2#

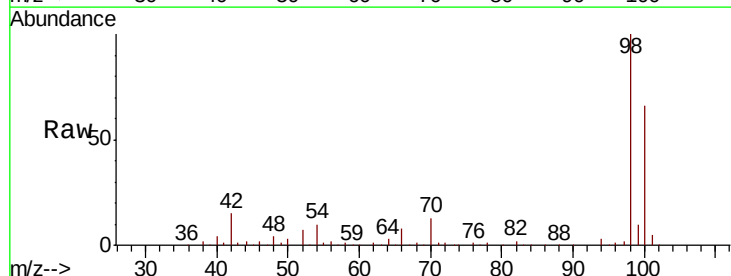


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 39.00 (38.70 to 39.70): VU0

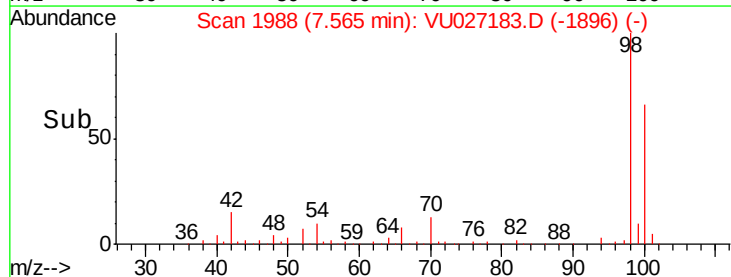
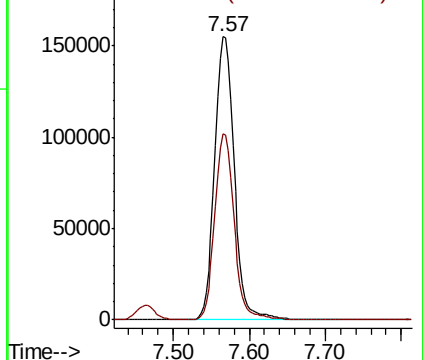


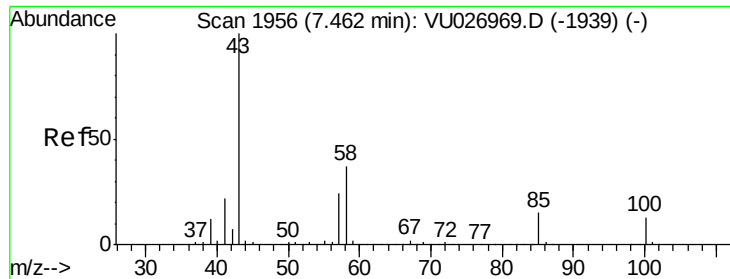
#50
Toluene-d8
Concen: 50.291 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027183.D
Acq: 26 Sep 2018 17:24

Tgt Ion: 98 Resp: 276595
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



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





#51

4-Methyl-2-Pentanone

Concen: 42.003 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU027183.D

Acq: 26 Sep 2018 17:24

Instrument :

MSVOA_U

ClientSampleId :

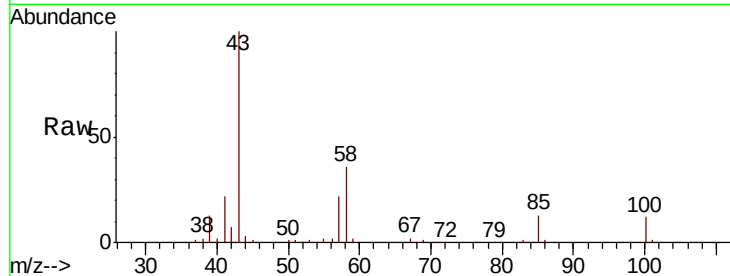
MW-53-SEP19

Tgt Ion: 43 Resp: 123928

Ion Ratio Lower Upper

43 100

58 35.6 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU026969.D (-1939) (-)

7.46

60000

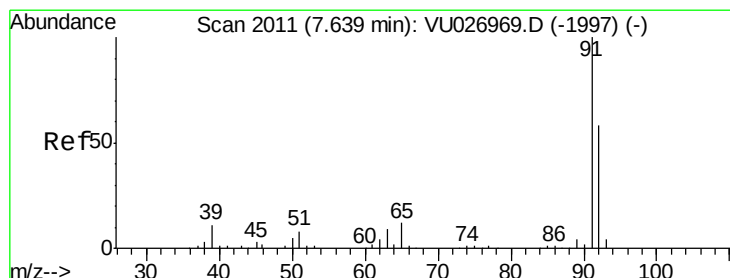
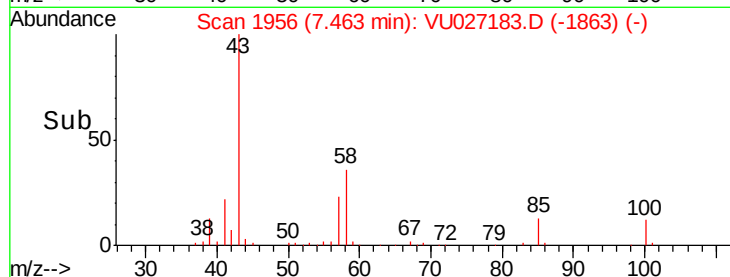
40000

20000

0

7.35 7.40 7.45 7.50

Time-->



#52

Toluene

Concen: 2.658 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027183.D

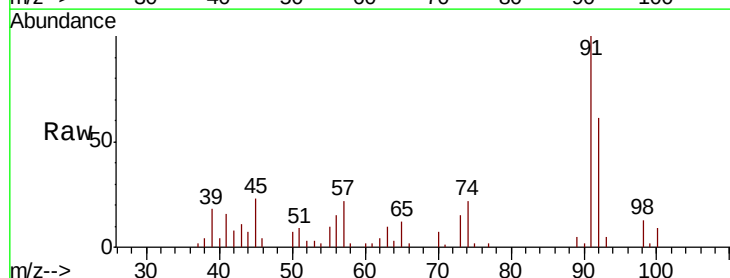
Acq: 26 Sep 2018 17:24

Tgt Ion: 92 Resp: 10290

Ion Ratio Lower Upper

92 100

91 173.3 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU026969.D (-1997) (-)

Ion 91.00 (90.70 to 91.70): VU026969.D (-1997) (-)

7.64

10000

8000

6000

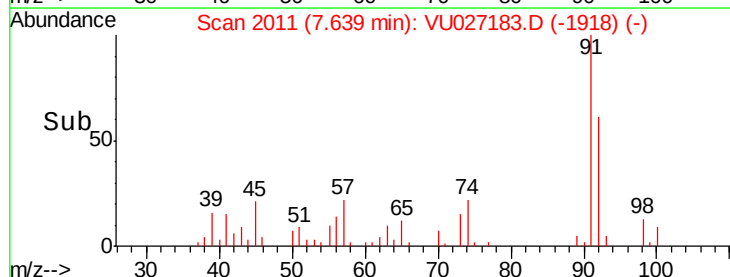
4000

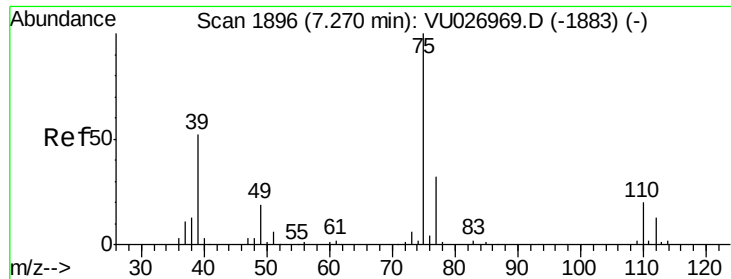
2000

0

7.60 7.65 7.70

Time-->



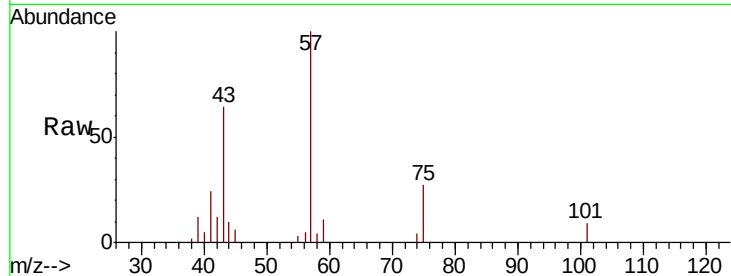


#54

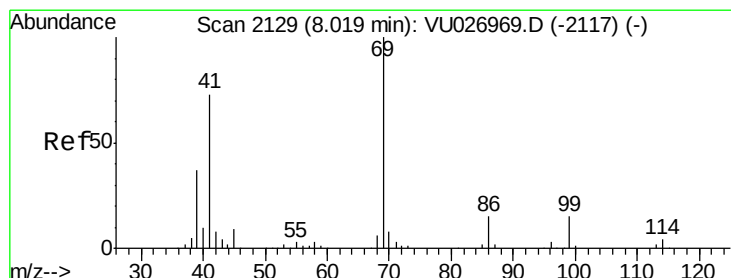
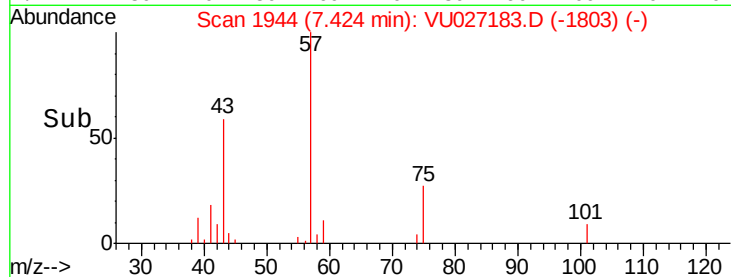
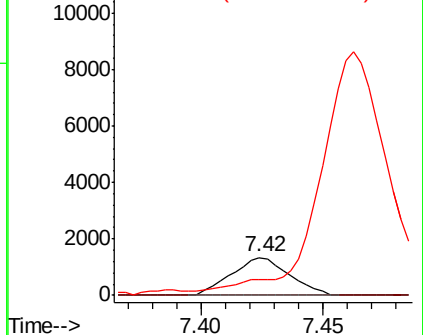
cis-1,3-Dichloropropene
 Concen: 0.784 ug/l
 RT: 7.42 min Scan# 1944
 Delta R.T. 0.15 min
 Lab File: VU027183.D
 Acq: 26 Sep 2018 17:24

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-53-SEP19

Tgt Ion: 75 Resp: 2178
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#
 39 33.3 41.6 62.4#



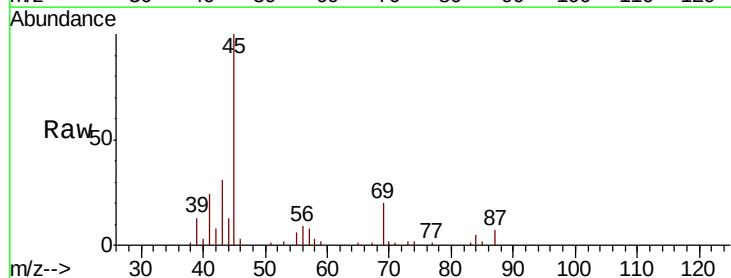
Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 76.90 (76.60 to 77.60): VU0
 Ion 39.00 (38.70 to 39.70): VU0



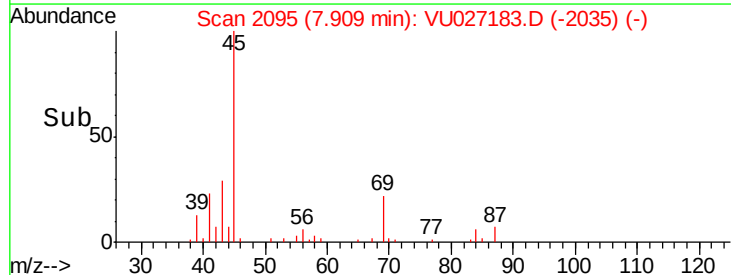
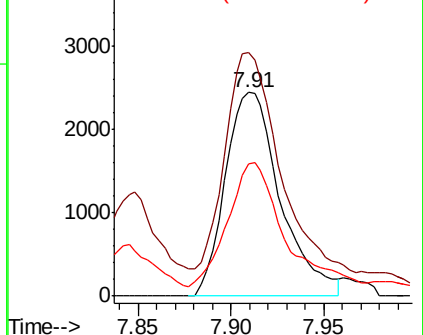
#56

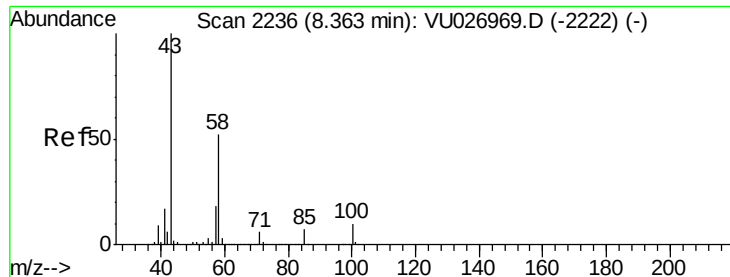
Ethyl methacrylate
 Concen: 3.887 ug/l
 RT: 7.91 min Scan# 2095
 Delta R.T. -0.11 min
 Lab File: VU027183.D
 Acq: 26 Sep 2018 17:24

Tgt Ion: 69 Resp: 5043
 Ion Ratio Lower Upper
 69 100
 41 122.8 59.0 88.4#
 39 63.2 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: 14.051 ug/l

RT: 8.26 min Scan# 2205

Delta R.T. -0.10 min

Lab File: VU027183.D

Acq: 26 Sep 2018 17:24

Instrument :

MSVOA_U

ClientSampleId :

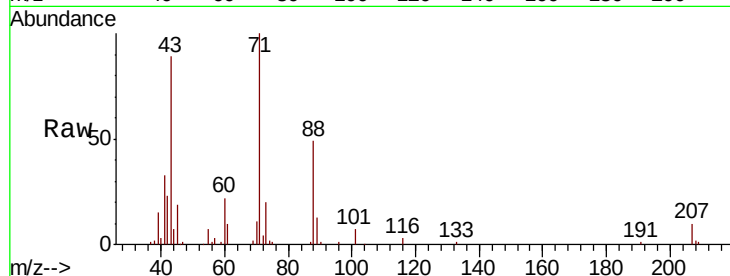
MW-53-SEP19

Tgt Ion: 43 Resp: 32452

Ion Ratio Lower Upper

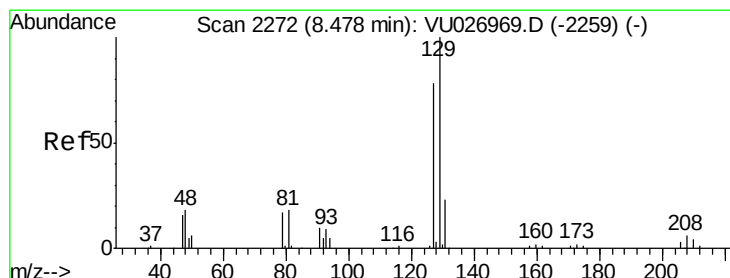
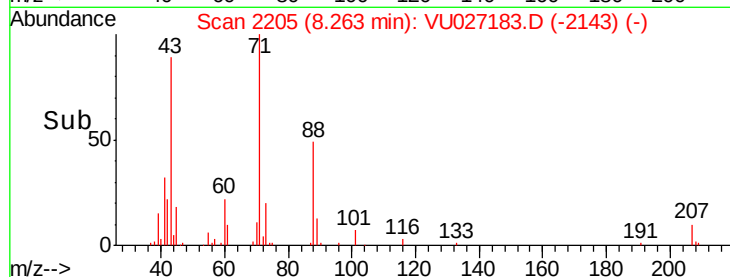
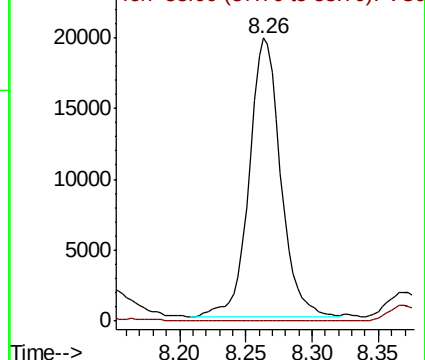
43 100

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



#60

Dibromochloromethane

Concen: 0.227 ug/l

RT: 8.23 min Scan# 2194

Delta R.T. -0.25 min

Lab File: VU027183.D

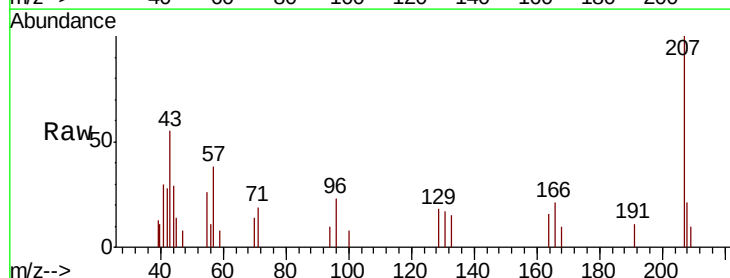
Acq: 26 Sep 2018 17:24

Tgt Ion: 129 Resp: 365

Ion Ratio Lower Upper

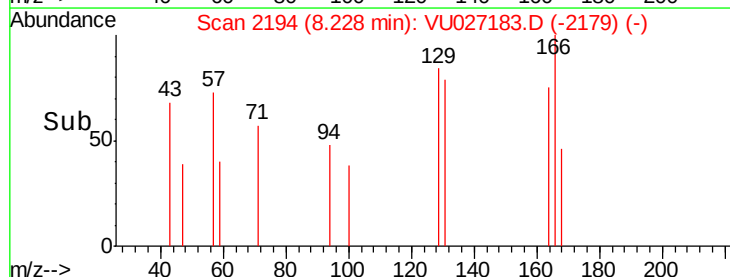
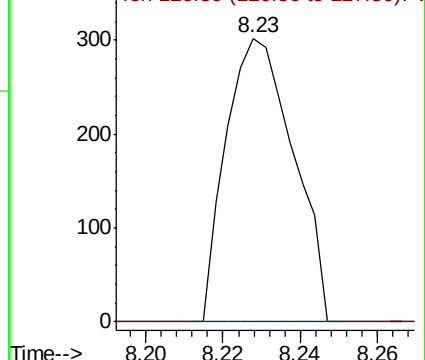
129 100

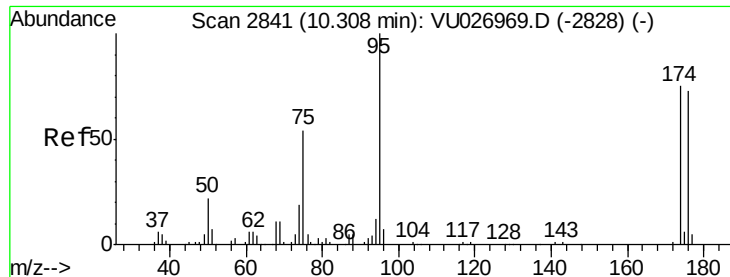
127 0.0 38.1 114.5#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#62

4-Bromofluorobenzene

Concen: 53.322 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027183.D

Acq: 26 Sep 2018 17:24

Instrument :

MSVOA_U

ClientSampleId :

MW-53-SEP19

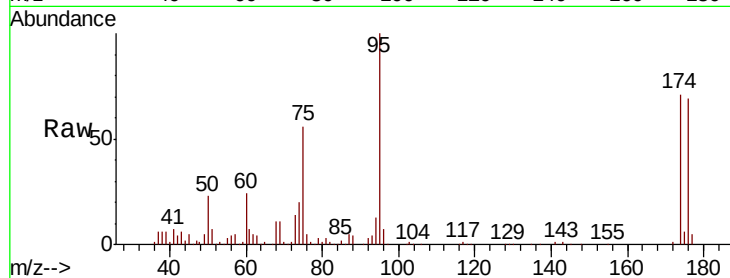
Tgt Ion: 95 Resp: 100629

Ion Ratio Lower Upper

95 100

174 71.7 0.0 150.2

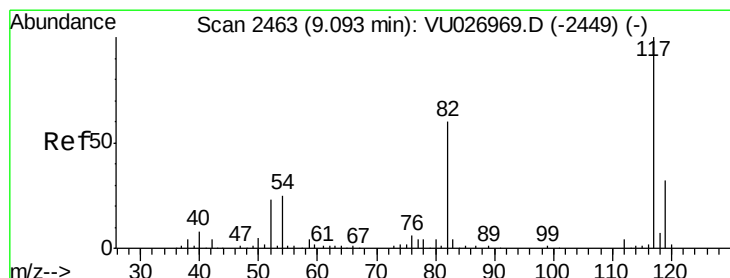
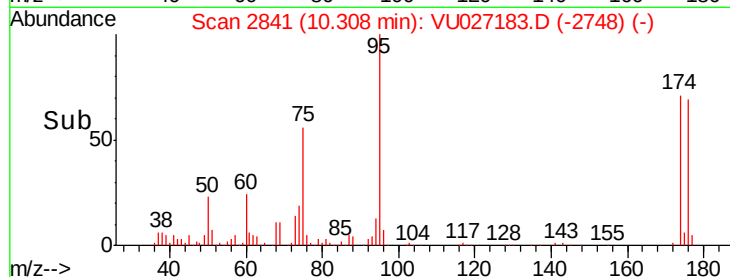
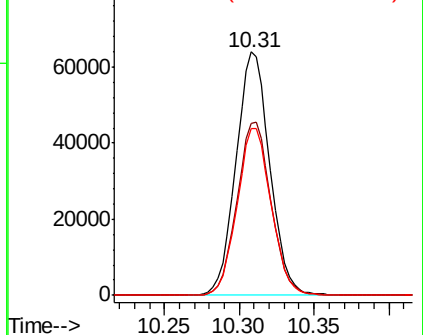
176 69.3 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU026969.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU027183.D

Acq: 26 Sep 2018 17:24

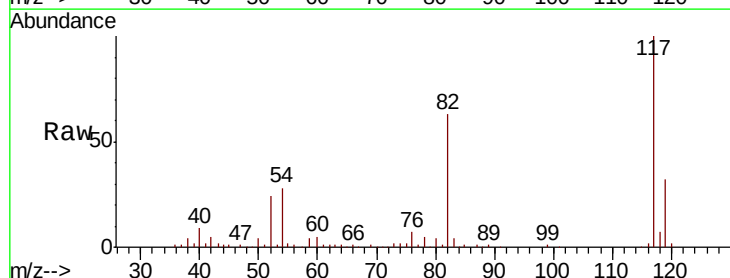
Tgt Ion: 117 Resp: 168377

Ion Ratio Lower Upper

117 100

82 63.0 48.0 72.0

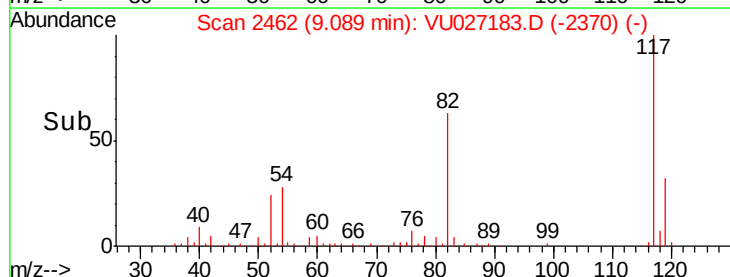
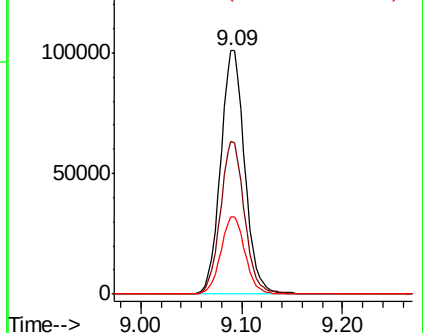
119 31.8 25.8 38.8

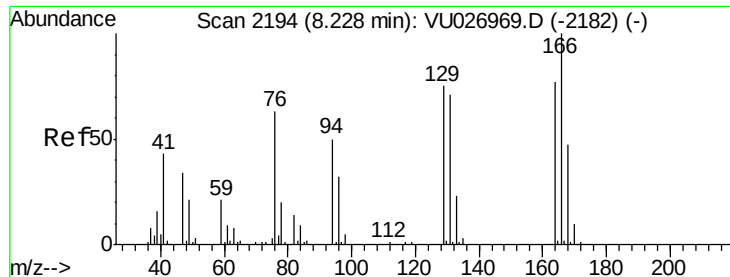


Abundance Ion 116.90 (116.60 to 117.60): VU026969.D (-2449) (-)

Ion 82.00 (81.70 to 82.70): VU026969.D (-2449) (-)

Ion 118.90 (118.60 to 119.60): VU026969.D (-2449) (-)





#64

Tetrachloroethene

Concen: 0.319 ug/l

RT: 8.23 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VU027183.D

Acq: 26 Sep 2018 17:24

Instrument :

MSVOA_U

ClientSampleId :

MW-53-SEP19

Tgt Ion:164 Resp: 414

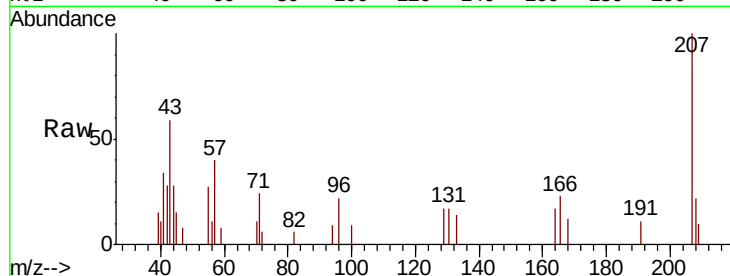
Ion Ratio Lower Upper

164 100

166 139.0 104.4 156.6

129 103.5 78.7 118.1

131 98.6 73.9 110.9

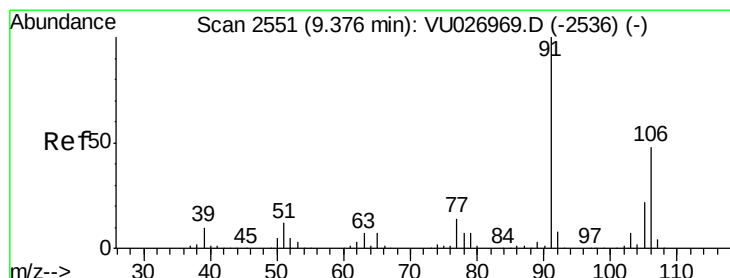
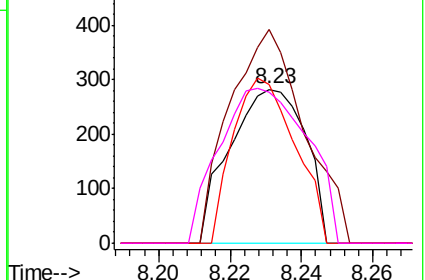
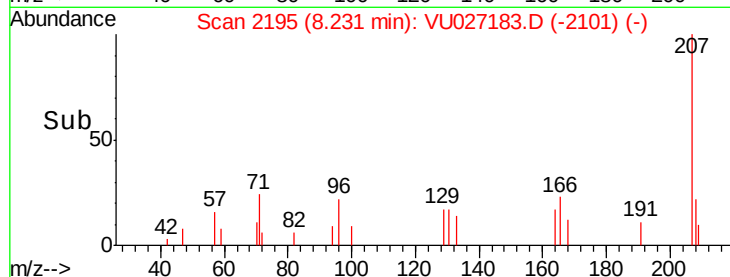


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#68

m/p-Xylenes

Concen: 2.200 ug/l

RT: 9.38 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VU027183.D

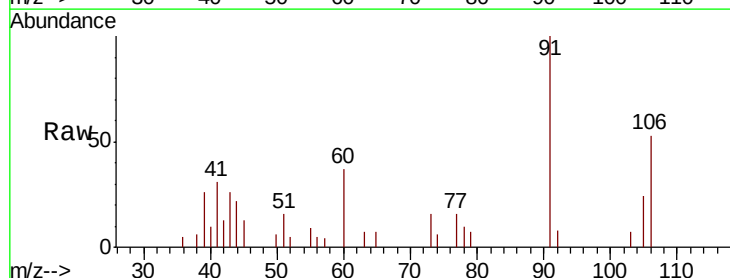
Acq: 26 Sep 2018 17:24

Tgt Ion:106 Resp: 2112

Ion Ratio Lower Upper

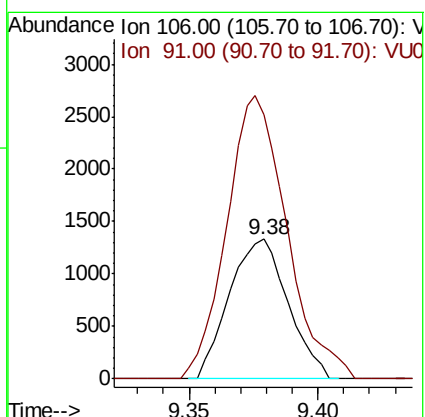
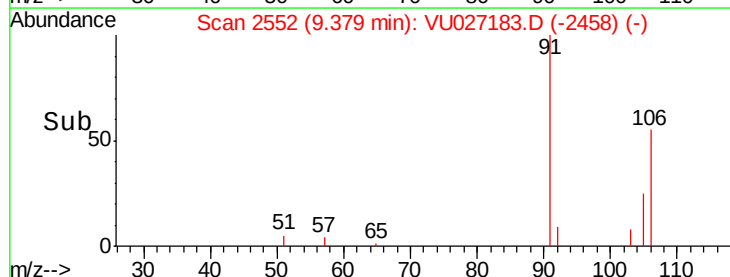
106 100

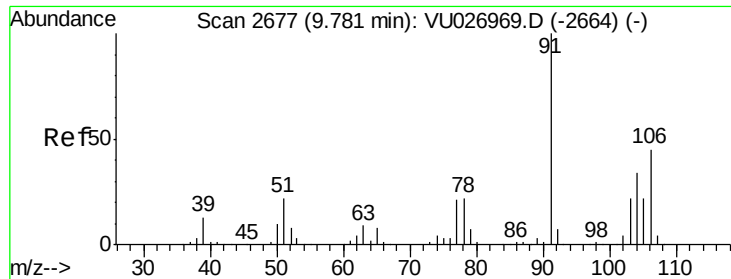
91 207.4 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

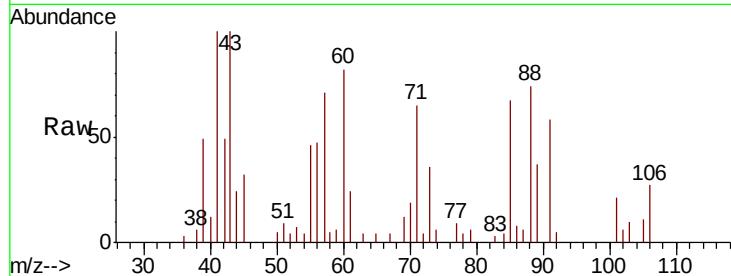




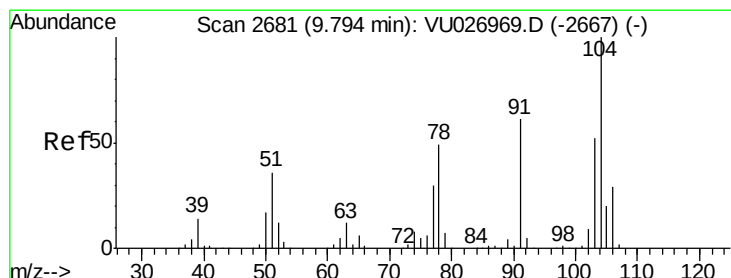
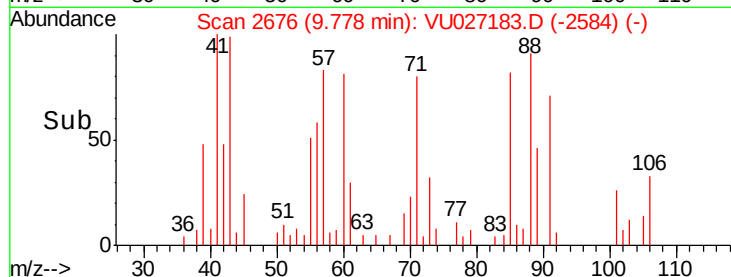
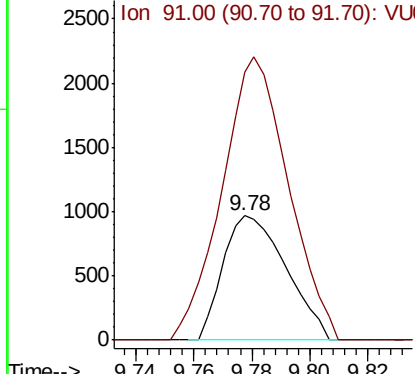
#69
o-Xylene
Concen: 0.561 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU027183.D
Acq: 26 Sep 2018 17:24

Instrument :
MSVOA_U
ClientSampleId :
MW-53-SEP19

Tgt Ion:106 Resp: 1460
Ion Ratio Lower Upper
106 100
91 239.3 110.2 330.6

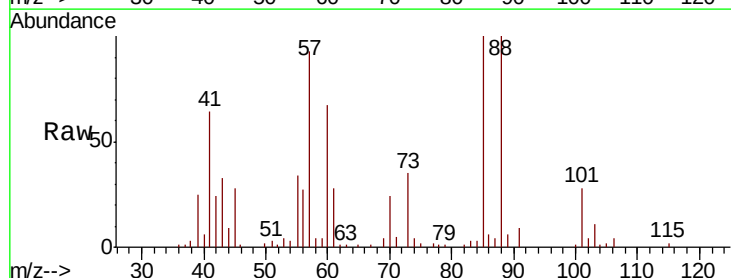


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

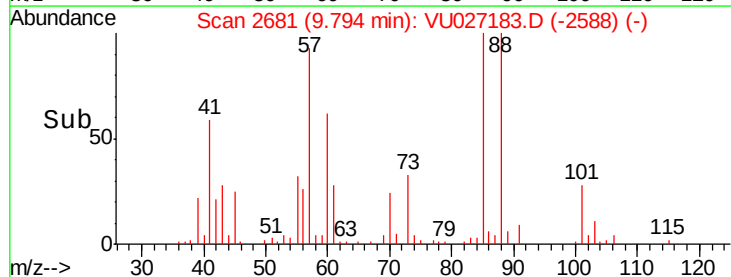
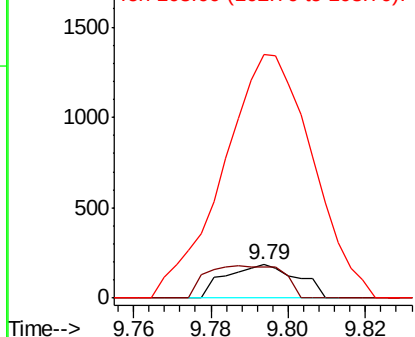


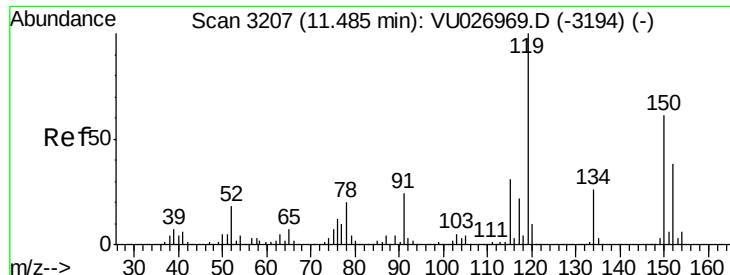
#70
Styrene
Concen: 1.857 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027183.D
Acq: 26 Sep 2018 17:24

Tgt Ion:104 Resp: 239
Ion Ratio Lower Upper
104 100
78 103.3 43.0 64.4#
103 904.2 44.1 66.1#



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

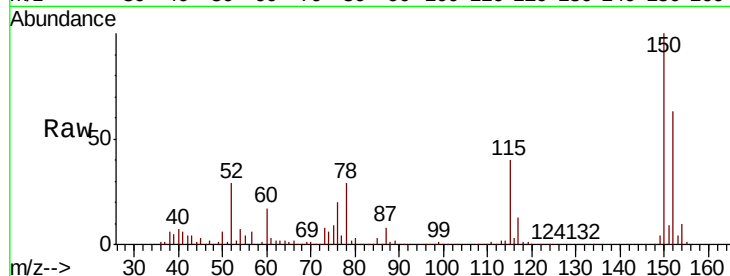




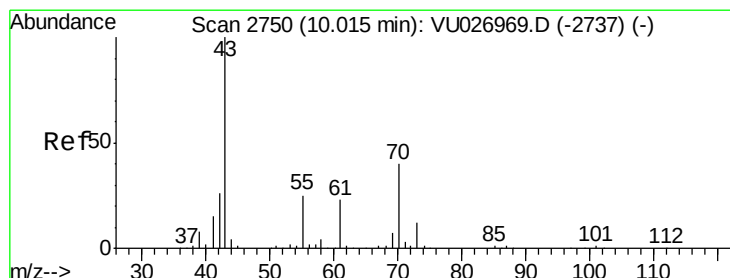
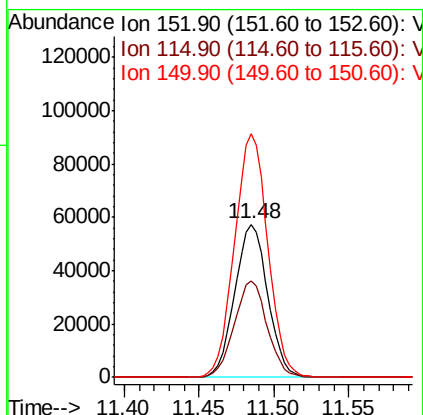
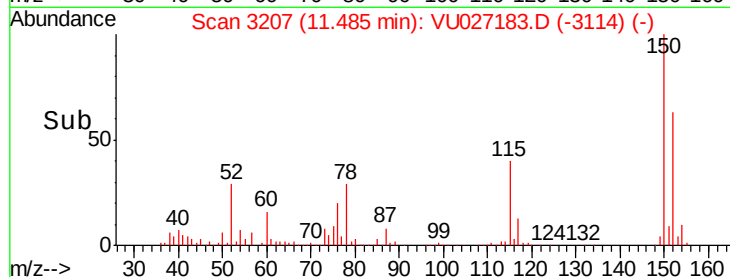
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.00 min
 Lab File: VU027183.D
 Acq: 26 Sep 2018 17:24

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-53-SEP19

Tgt Ion:152 Resp: 88108
 Ion Ratio Lower Upper
 152 100
 115 62.6 44.9 134.5
 150 160.4 0.0 355.8

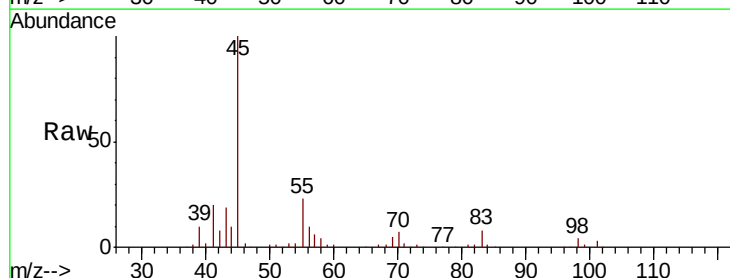


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

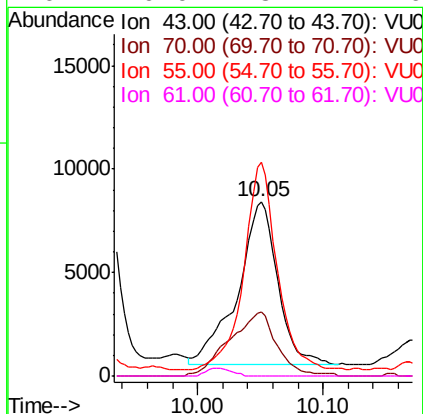
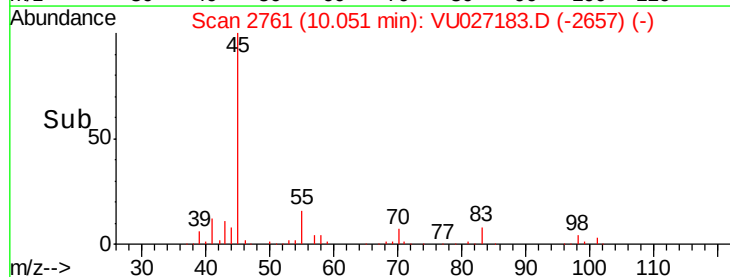


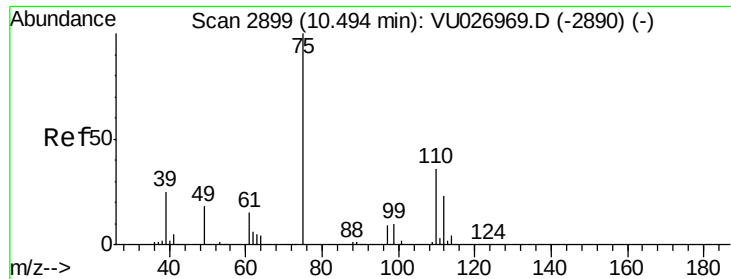
#74
 N-ethyl acetate
 Concen: 4.484 ug/l
 RT: 10.05 min Scan# 2761
 Delta R.T. 0.04 min
 Lab File: VU027183.D
 Acq: 26 Sep 2018 17:24

Tgt Ion: 43 Resp: 17395
 Ion Ratio Lower Upper
 43 100
 70 46.8 31.8 47.8
 55 106.3 19.9 29.9#
 61 0.0 18.4 27.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 70.00 (69.70 to 70.70): VU0
 Ion 55.00 (54.70 to 55.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0

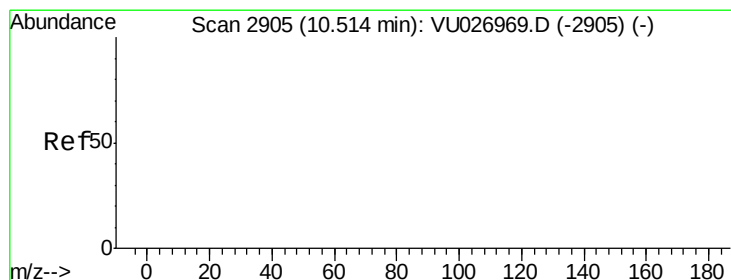
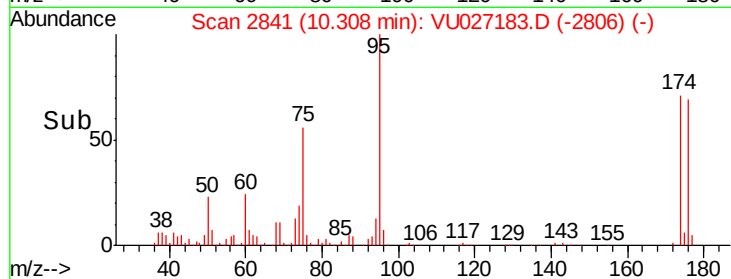
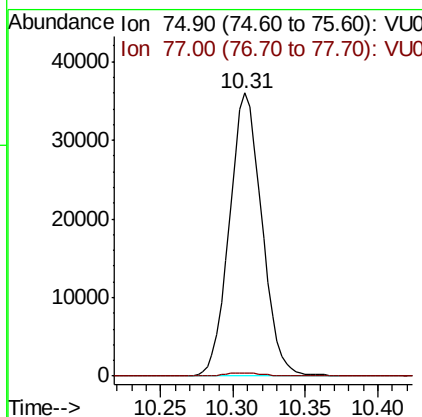
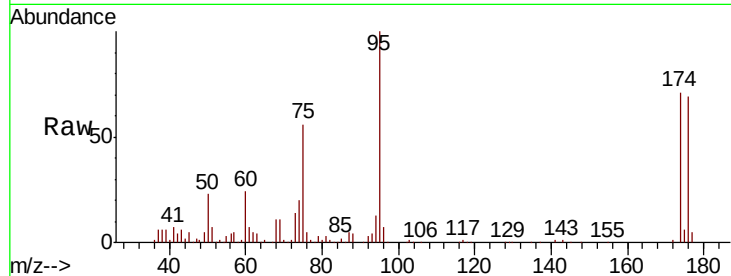




#76
 1,2,3-Trichloropropane
 Concen: 20.890 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.19 min
 Lab File: VU027183.D
 Acq: 26 Sep 2018 17:24

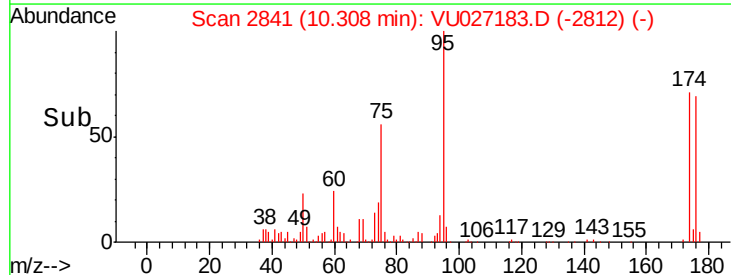
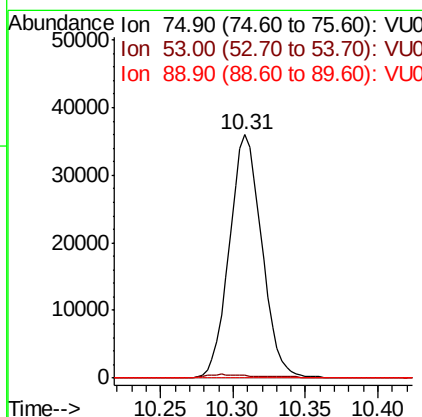
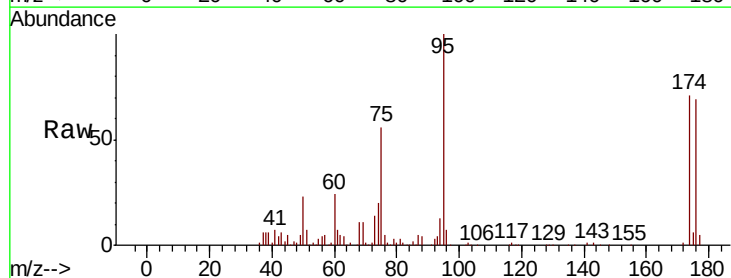
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-53-SEP19

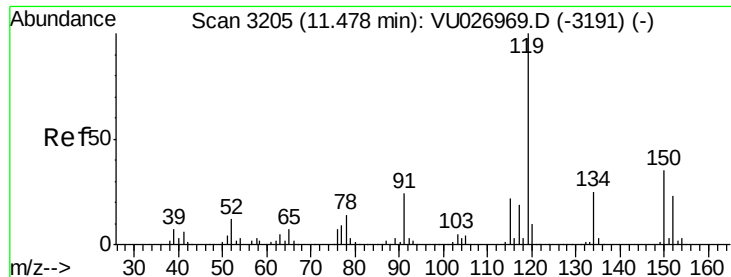
Tgt Ion: 75 Resp: 55916
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.9 62.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.851 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.21 min
 Lab File: VU027183.D
 Acq: 26 Sep 2018 17:24

Tgt Ion: 75 Resp: 55916
 Ion Ratio Lower Upper
 75 100
 53 2.2 0.0 0.0#
 89 0.0 0.0 0.0

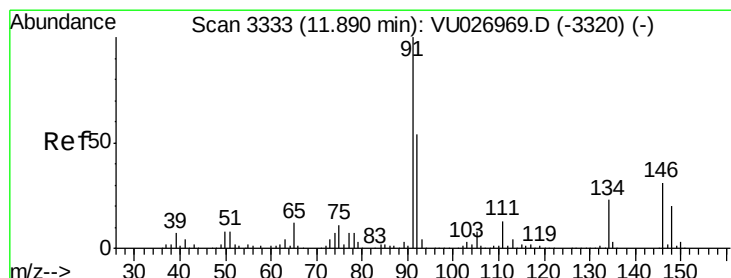
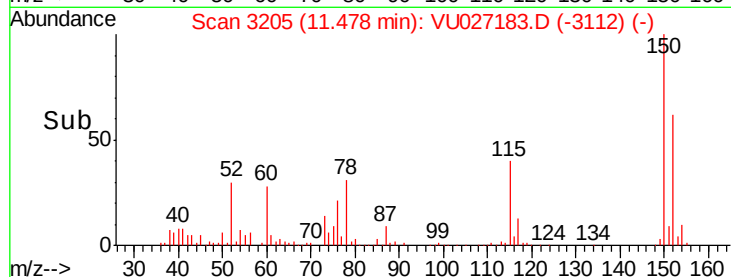
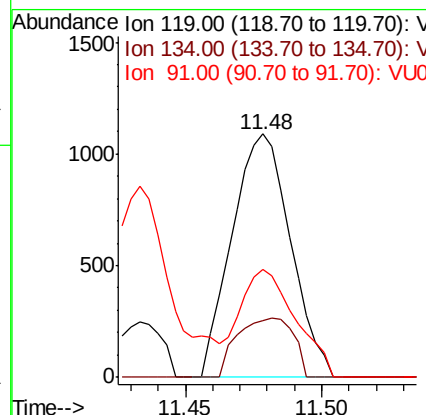
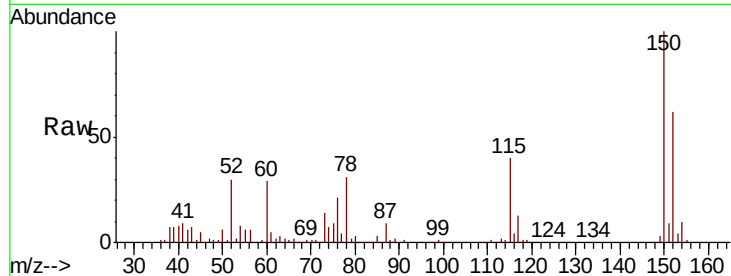




#86
 p-Isopropyltoluene
 Concen: 1.182 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU027183.D
 Acq: 26 Sep 2018 17:24

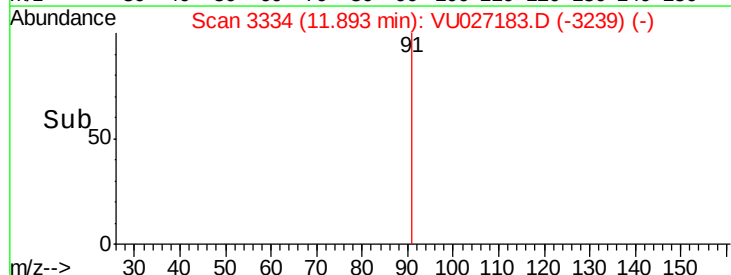
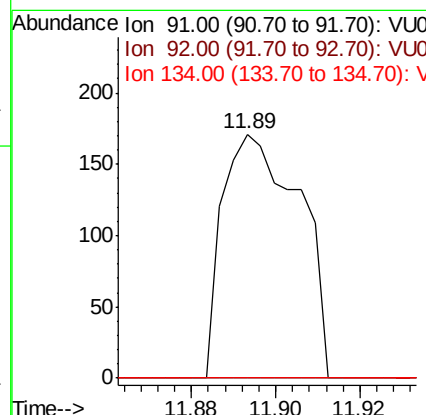
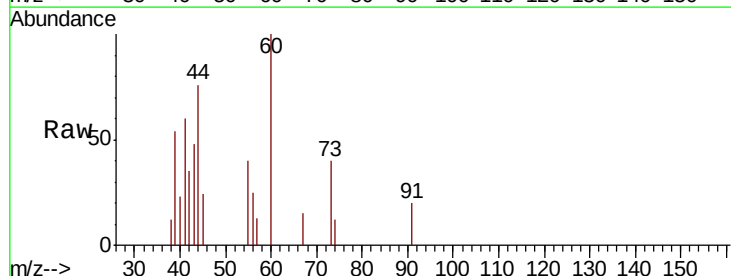
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-53-SEP19

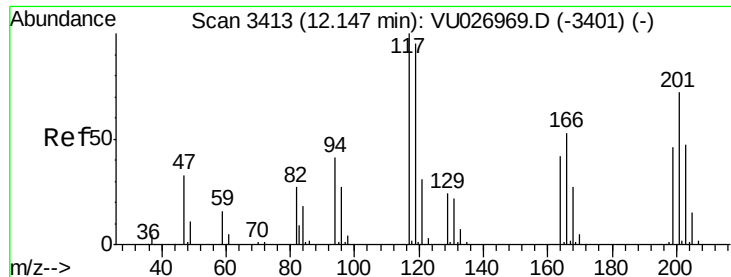
Tgt Ion: 119 Resp: 1623
 Ion Ratio Lower Upper
 119 100
 134 23.2 12.8 38.3
 91 42.7 12.3 36.8#



#89
 n-Butylbenzene
 Concen: 2.426 ug/l
 RT: 11.89 min Scan# 3334
 Delta R.T. 0.00 min
 Lab File: VU027183.D
 Acq: 26 Sep 2018 17:24

Tgt Ion: 91 Resp: 216
 Ion Ratio Lower Upper
 91 100
 92 0.0 27.1 81.2#
 134 0.0 11.7 35.0#





#90

Hexachloroethane

Concen: 0.245 ug/l

RT: 12.25 min Scan# 3444

Delta R.T. 0.10 min

Lab File: VU027183.D

Acq: 26 Sep 2018 17:24

Instrument :

MSVOA_U

ClientSampleId :

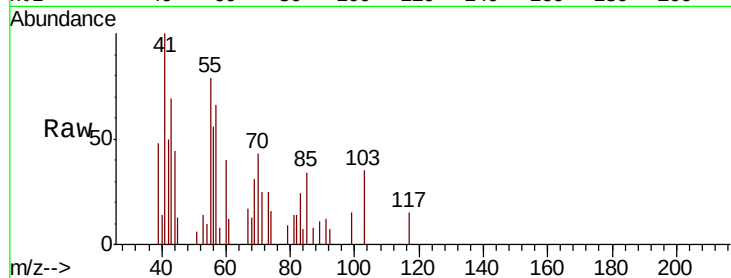
MW-53-SEP19

Tgt Ion:117 Resp: 298

Ion Ratio Lower Upper

117 100

201 0.0 36.8 110.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.25

250

200

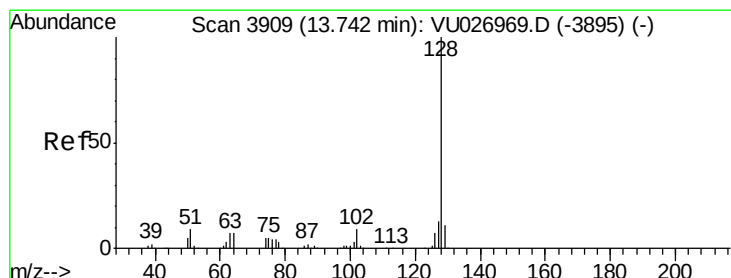
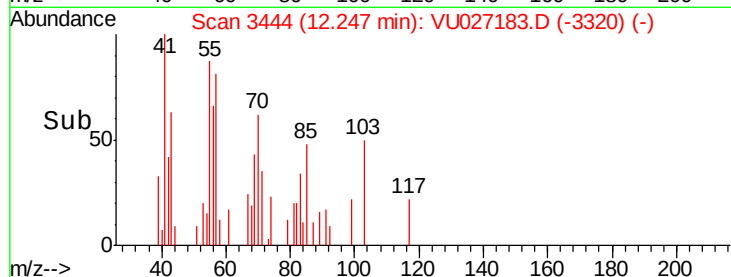
150

100

50

0

Time-->



#95

Naphthalene

Concen: 1.753 ug/l

RT: 13.75 min Scan# 3911

Delta R.T. 0.01 min

Lab File: VU027183.D

Acq: 26 Sep 2018 17:24

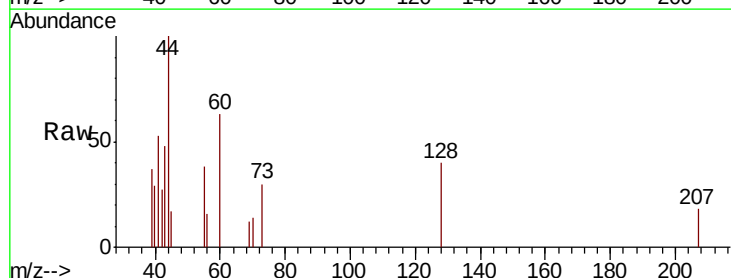
Tgt Ion:128 Resp: 482

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

400

300

200

100

0

Time-->

