

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025178.D
 Acq On : 03 Jul 2018 06:40
 Operator : MD/SY
 Sample : J3809-15MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MS

Quant Time: Jul 03 07:08:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	154628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	243367	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	240292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	158095	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	126105	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	4.89	113	104198	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
50) Toluene-d8	7.57	98	338957	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
62) 4-Bromofluorobenzene	10.31	95	151636	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	82803	42.782	ug/l	99
3) Chloromethane	1.33	50	90948	45.995	ug/l	98
4) Vinyl Chloride	1.40	62	98788	48.444	ug/l	99
5) Bromomethane	1.61	94	54246	55.028	ug/l	99
6) Chloroethane	1.69	64	66168	58.242	ug/l	100
7) Trichlorofluoromethane	1.88	101	155241	49.884	ug/l	98
8) Diethyl Ether	2.10	74	62088	58.962	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.28	101	91052	47.161	ug/l	96
10) Methyl Iodide	2.41	142	107762	64.265	ug/l	97
11) Tert butyl alcohol	2.83	59	199502	324.953	ug/l	100
12) 1,1-Dichloroethene	2.28	96	89519	50.844	ug/l	96
13) Acrolein	2.19	56	46463	144.118	ug/l #	42
14) Allyl chloride	2.59	41	142430	43.569	ug/l	97
15) Acrylonitrile	2.93	53	339655	284.351	ug/l	99
16) Acetone	2.32	43	370359	273.061	ug/l	97
17) Carbon Disulfide	2.47	76	241844	42.897	ug/l	99
18) Methyl Acetate	2.62	43	176716	60.776	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	441725	66.743	ug/l #	80
20) Methylene Chloride	2.70	84	109852	51.618	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	101460	52.321	ug/l	99
22) Diisopropyl ether	3.57	45	357483	55.163	ug/l	98
23) Vinyl Acetate	3.53	43	1322497	227.814	ug/l	99
24) 1,1-Dichloroethane	3.45	63	201007	53.918	ug/l	99
25) 2-Butanone	4.26	43	530327	291.093	ug/l	99
26) 2,2-Dichloropropane	4.23	77	92164	26.035	ug/l	96
27) cis-1,2-Dichloroethene	4.23	96	120870	54.216	ug/l	95
28) Bromochloromethane	4.55	49	75341	45.882	ug/l	84
29) Tetrahydrofuran	4.64	42	316876	280.866	ug/l	96
30) Chloroform	4.68	83	217854	57.734	ug/l	100
31) Cyclohexane	5.00	56	243266	74.445	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	191694	54.937	ug/l	96
36) 1,1-Dichloropropene	5.14	75	150382	52.586	ug/l	97
37) Ethyl Acetate	4.38	43	157826	50.635	ug/l	97
38) Carbon Tetrachloride	5.14	117	170237	54.134	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025178.D
 Acq On : 03 Jul 2018 06:40
 Operator : MD/SY
 Sample : J3809-15MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MS

Quant Time: Jul 03 07:08:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	295650	82.844	ug/l	98
40) Benzene	5.39	78	1349555	165.615	ug/l	100
41) Methacrylonitrile	4.55	41	100810	59.987	ug/l	98
42) 1,2-Dichloroethane	5.41	62	191145	61.589	ug/l	99
43) Isopropyl Acetate	5.55	43	308975	57.348	ug/l	97
44) Trichloroethene	6.19	130	122981	53.029	ug/l	99
45) 1,2-Dichloropropane	6.44	63	121440	55.853	ug/l	98
46) Dibromomethane	6.56	93	87673	57.406	ug/l	93
47) Bromodichloromethane	6.76	83	167870	55.199	ug/l	99
48) Methyl methacrylate	6.63	41	179639	68.473	ug/l	95
49) 1,4-Dioxane	6.62	88	71277	1389.253	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	986639	291.486	ug/l	98
52) Toluene	7.64	92	597612	113.992	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	171015	50.074	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	173505	47.677	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	190033	89.173	ug/l	89
56) Ethyl methacrylate	8.02	69	212372	59.541	ug/l	92
57) 1,3-Dichloropropane	8.25	76	206853	57.540	ug/l	98
59) 2-Hexanone	8.36	43	822334	297.579	ug/l	99
60) Dibromochloromethane	8.48	129	138445	52.097	ug/l	99
61) 1,2-Dibromoethane	8.59	107	136646	57.610	ug/l	99
64) Tetrachloroethene	8.23	164	109110	47.770	ug/l	99
65) Chlorobenzene	9.12	112	338311	55.112	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	123129	52.796	ug/l	96
67) Ethyl Benzene	9.26	91	12026942	1117.600	ug/l	95
68) m/p-Xylenes	9.39	106	4929269	1192.841	ug/l	94
69) o-Xylene	9.78	106	350570	85.721	ug/l	96
70) Styrene	9.80	104	374245	55.685	ug/l	94
71) Bromoform	9.96	173	110023	49.633	ug/l #	99
73) Isopropylbenzene	10.17	105	1339015	110.317	ug/l	99
74) N-amyl acetate	10.01	43	264304	45.780	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	10.46	83	216696	53.276	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	234629	67.409	ug/l	82
77) Bromobenzene	10.45	156	162201	52.785	ug/l	94
78) n-propylbenzene	10.59	91	2879420	201.382	ug/l	97
79) 2-Chlorotoluene	10.66	91	465404	55.195	ug/l	95
80) 1,3,5-Trimethylbenzene	10.78	105	600055	57.037	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	236693	157.385	ug/l #	100
82) 4-Chlorotoluene	10.78	91	495364	50.475	ug/l	100
83) tert-Butylbenzene	11.11	119	499078	49.316	ug/l	97
84) 1,2,4-Trimethylbenzene	10.98	105	6413959	598.244	ug/l	79
85) sec-Butylbenzene	11.33	105	756923	59.753	ug/l	98
86) p-Isopropyltoluene	11.48	119	654848	57.721	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	299067	52.679	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	304492	53.288	ug/l	99
89) n-Butylbenzene	11.89	91	781971	77.635	ug/l #	79
90) Hexachloroethane	12.15	117	244225	110.351	ug/l #	44
91) 1,2-Dichlorobenzene	11.88	146	312747	54.999	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	71723	63.906	ug/l	92
93) 1,2,4-Trichlorobenzene	13.51	180	212118	60.407	ug/l	96

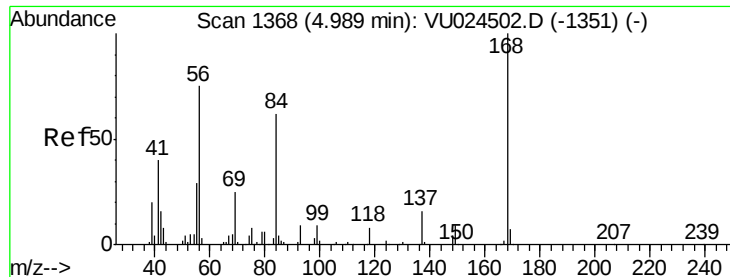
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070218\
Data File : VU025178.D
Acq On : 03 Jul 2018 06:40
Operator : MD/SY
Sample : J3809-15MS
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818MS

Quant Time: Jul 03 07:08:21 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	71372	36.111	ug/l	100
95) Naphthalene	13.75	128	2678028	227.923	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	219757	62.806	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

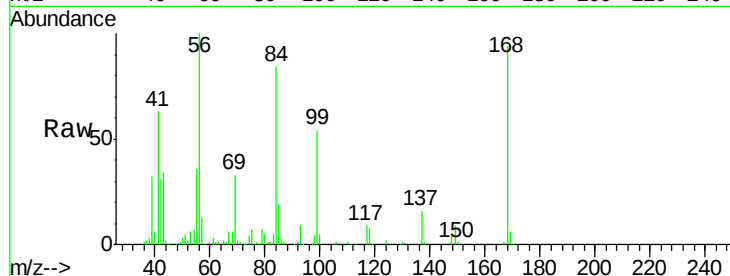
MW-1-062818MS

Tot Ion:168 Resp: 154628

Ion Ratio Lower Upper

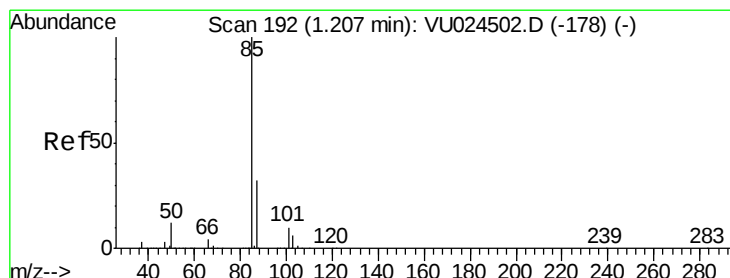
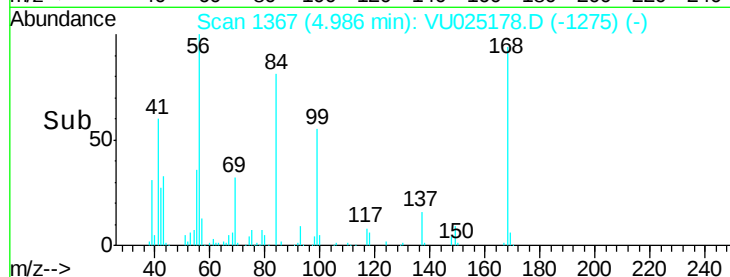
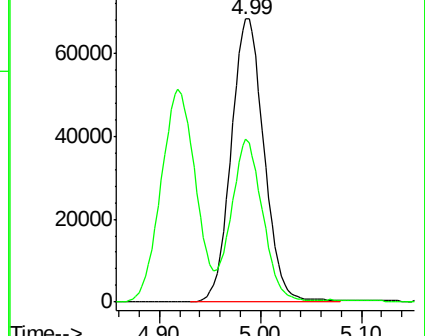
168 100

99 57.2 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#2

Dichlorodifluoromethane

Concen: 42.782 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025178.D

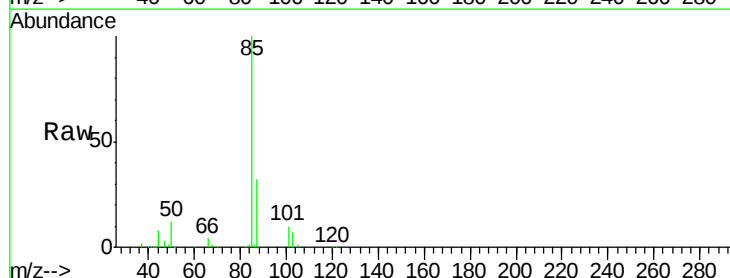
Acq: 03 Jul 2018 06:40

Tgt Ion: 85 Resp: 82803

Ion Ratio Lower Upper

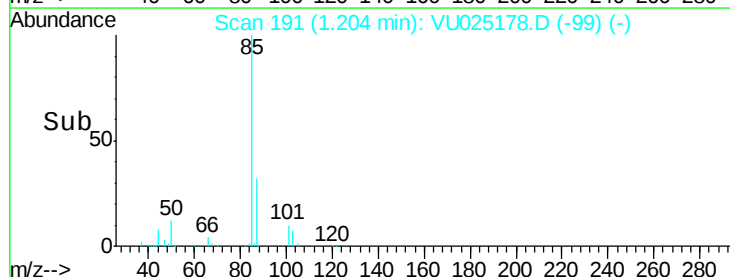
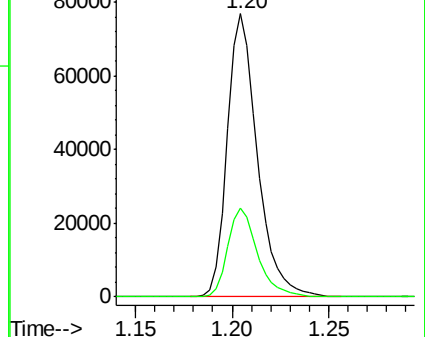
85 100

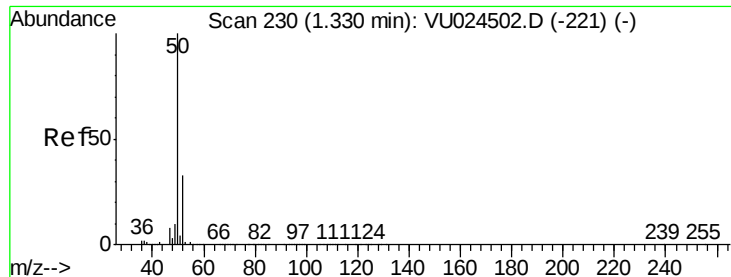
87 31.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU0

Ion 86.90 (86.60 to 87.60): VU0





#3

Chloromethane

Concen: 45.995 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

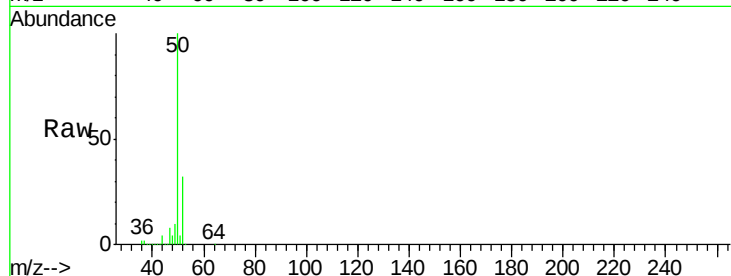
MW-1-062818MS

Tot Ion: 50 Resp: 90948

Ion Ratio Lower Upper

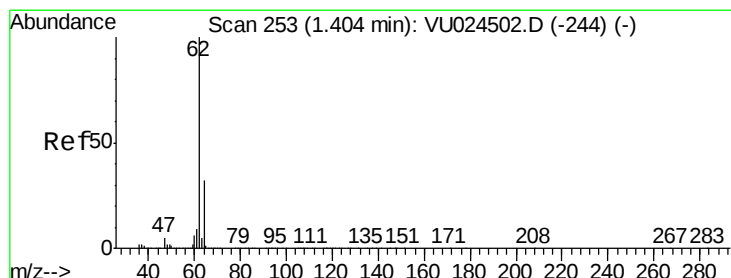
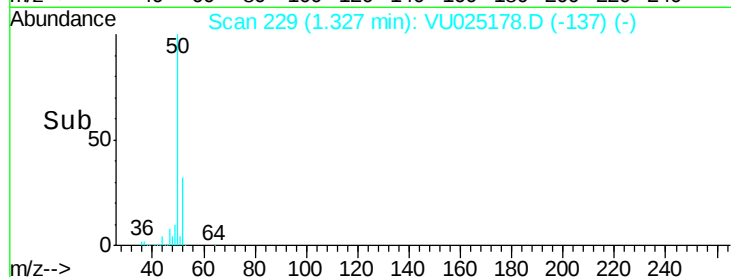
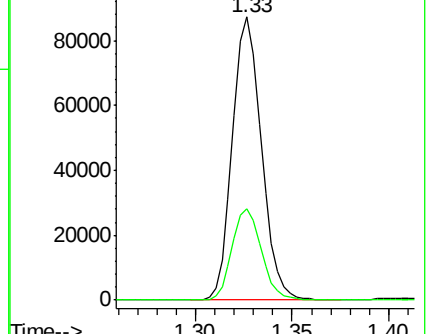
50 100

52 32.1 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 48.444 ug/l

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU025178.D

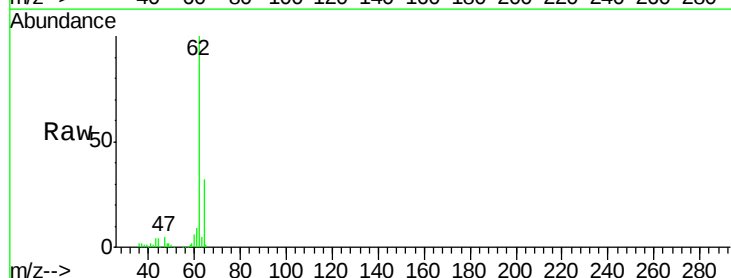
Acq: 03 Jul 2018 06:40

Tgt Ion: 62 Resp: 98788

Ion Ratio Lower Upper

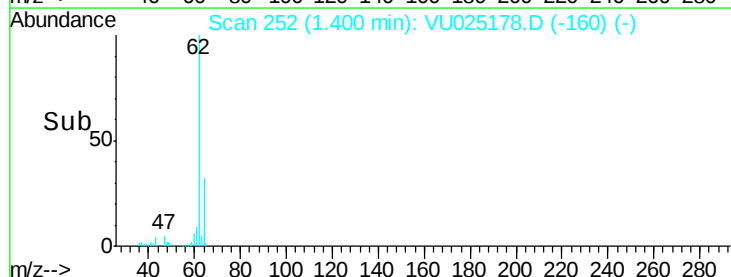
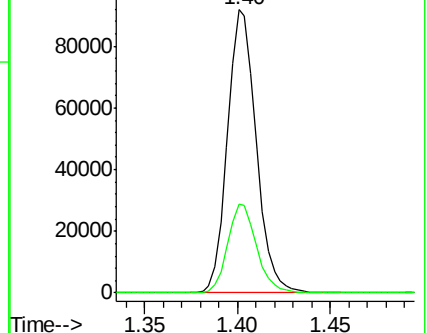
62 100

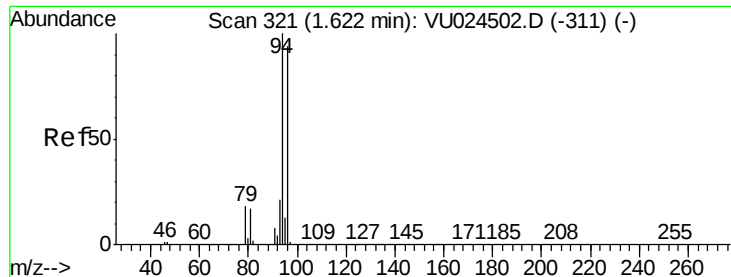
64 31.4 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 55.028 ug/l

RT: 1.61 min Scan# 318

Delta R.T. -0.01 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

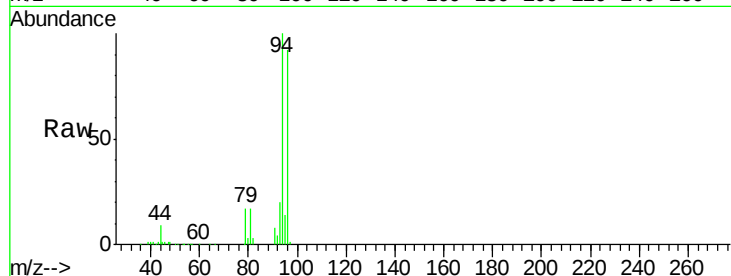
MW-1-062818MS

Tot Ion: 94 Resp: 54246

Ion Ratio Lower Upper

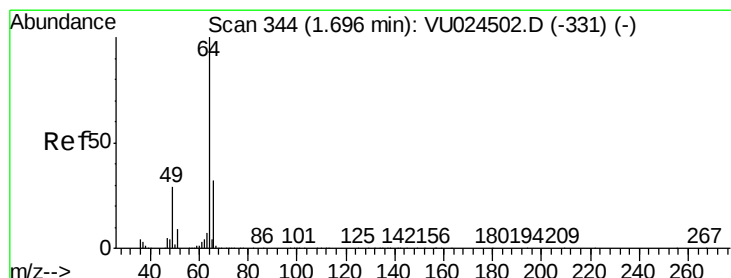
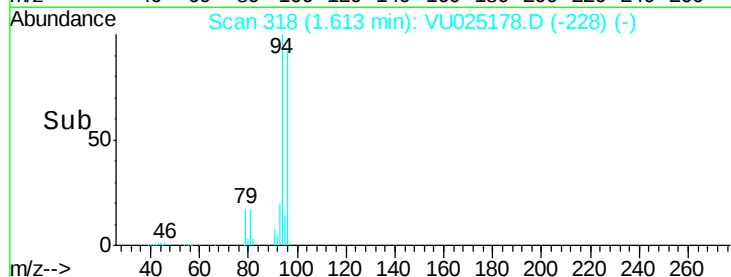
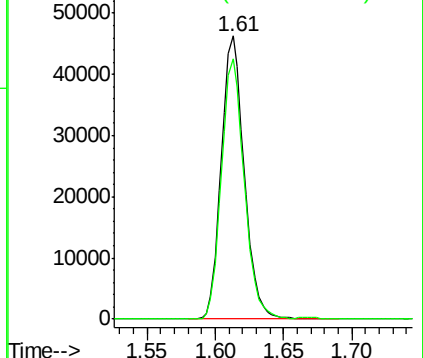
94 100

96 91.9 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 58.242 ug/l

RT: 1.69 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU025178.D

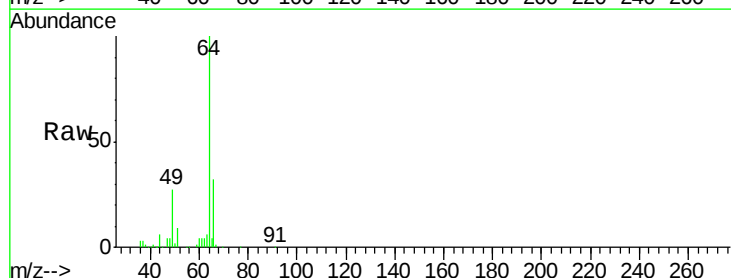
Acq: 03 Jul 2018 06:40

Tgt Ion: 64 Resp: 66168

Ion Ratio Lower Upper

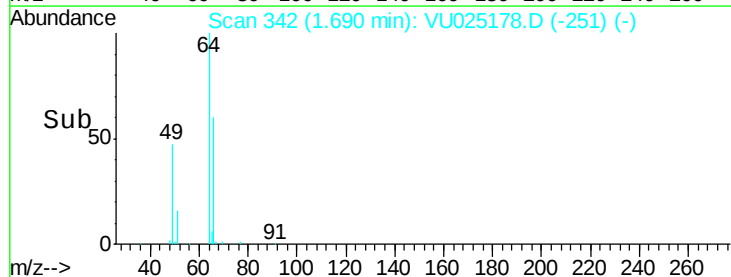
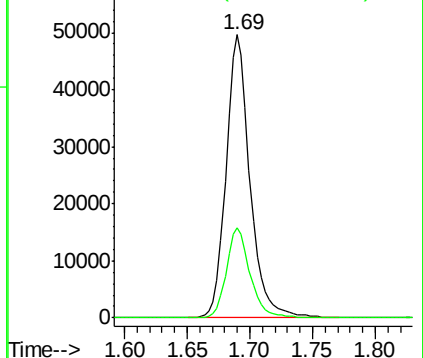
64 100

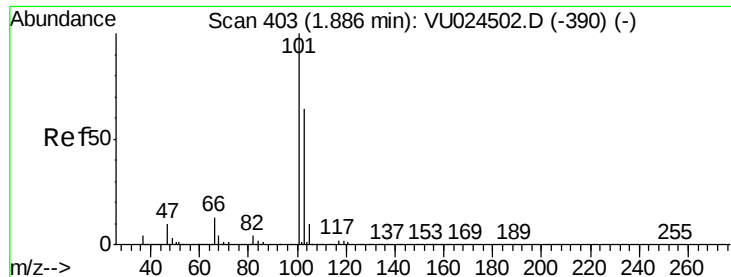
66 32.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



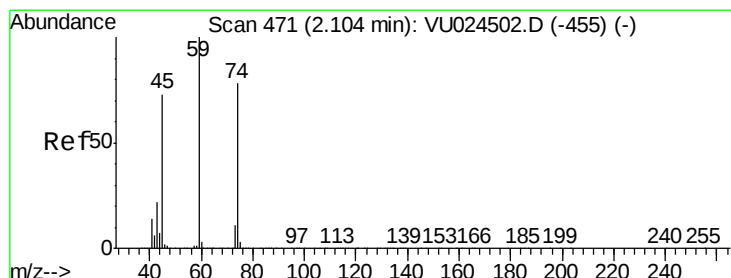
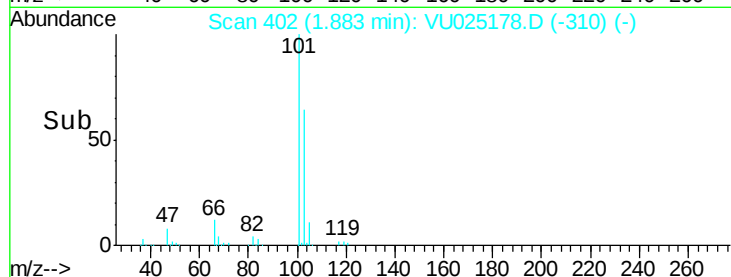
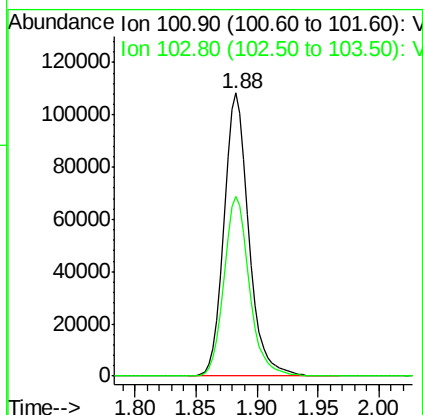
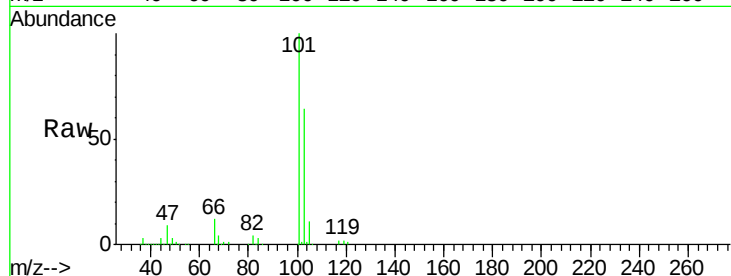


#7

Trichlorofluoromethane
 Concen: 49.884 ug/l
 RT: 1.88 min Scan# 402
 Delta R.T. -0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MS

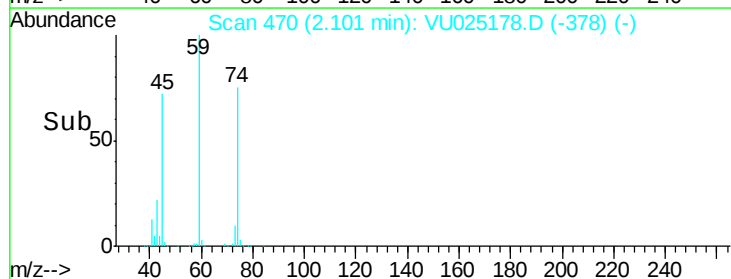
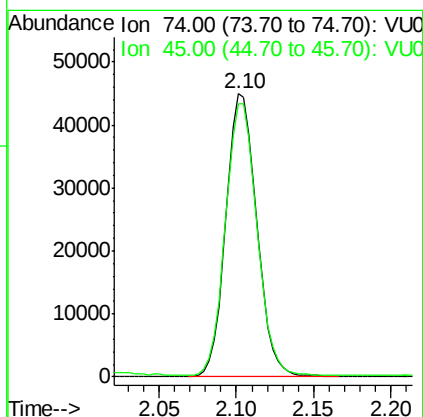
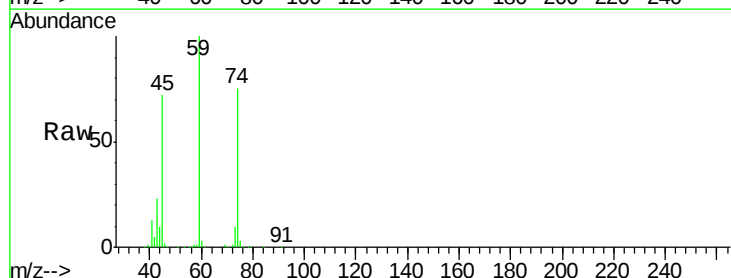
Tot Ion:101 Resp: 155241
 Ion Ratio Lower Upper
 101 100
 103 63.6 52.3 78.5

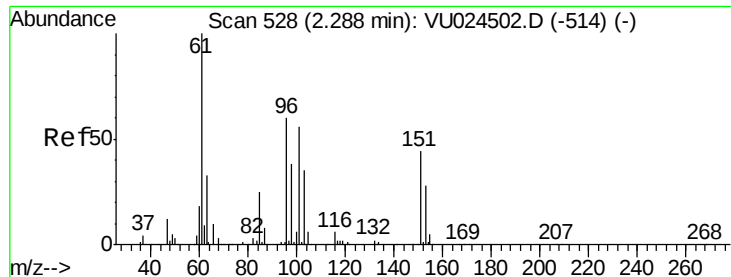


#8

Diethyl Ether
 Concen: 58.962 ug/l
 RT: 2.10 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Tgt Ion: 74 Resp: 62088
 Ion Ratio Lower Upper
 74 100
 45 98.1 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.161 ug/l

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MS

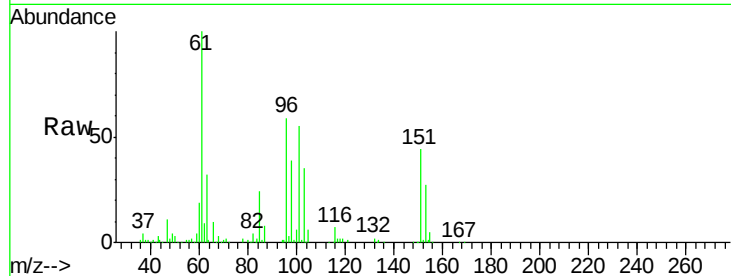
Tot Ion:101 Resp: 91052

Ion Ratio Lower Upper

101 100

85 44.0 36.0 54.0

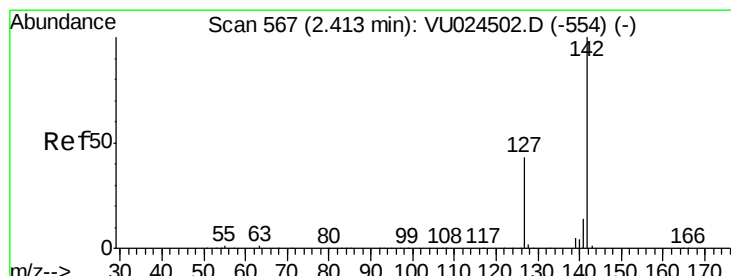
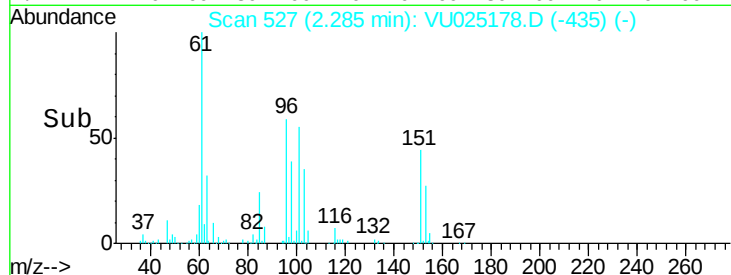
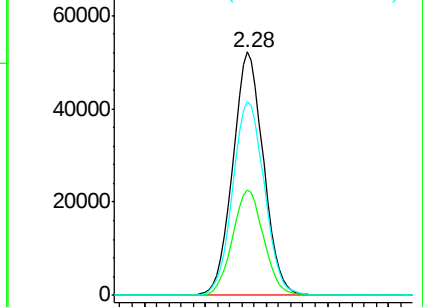
151 82.6 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 64.265 ug/l

RT: 2.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

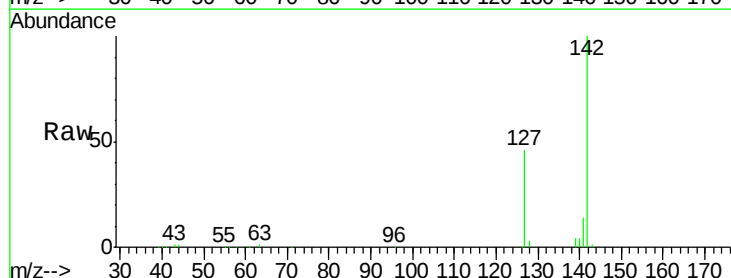
Tgt Ion:142 Resp: 107762

Ion Ratio Lower Upper

142 100

127 46.5 35.6 53.4

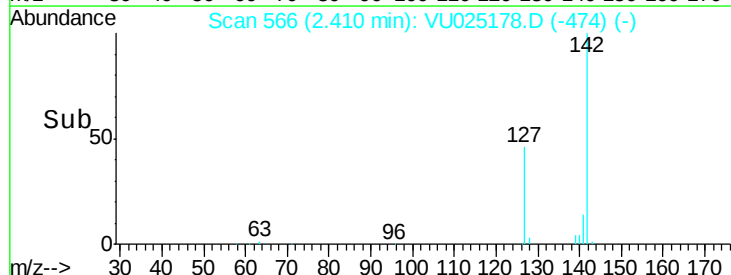
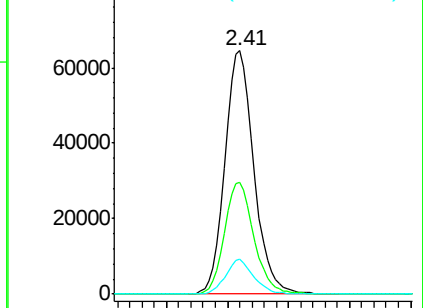
141 13.9 11.7 17.5

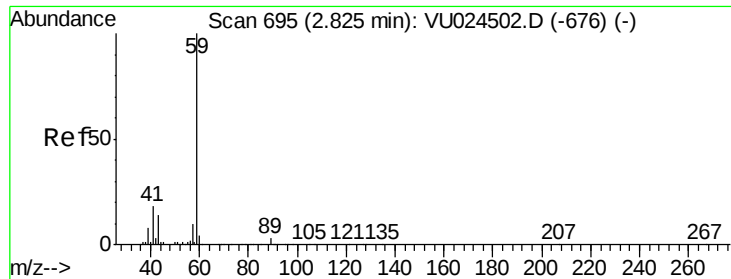


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



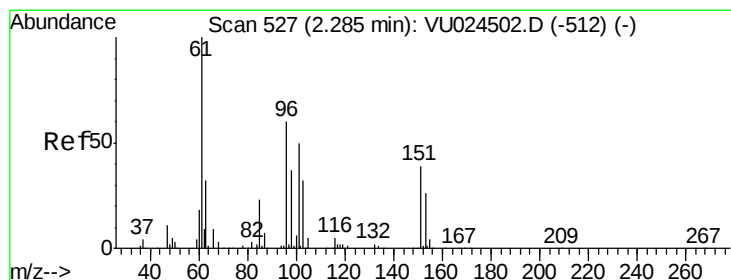
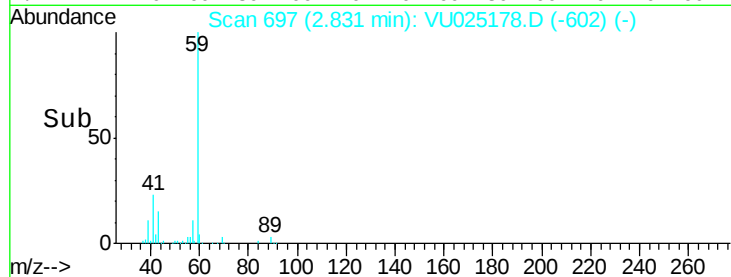
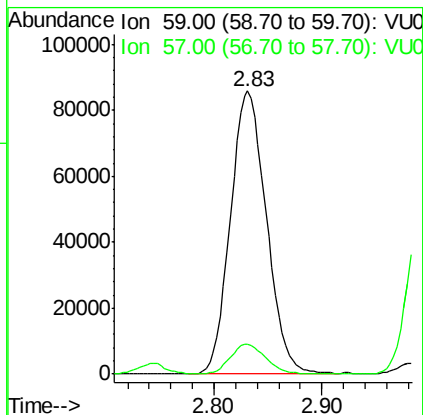
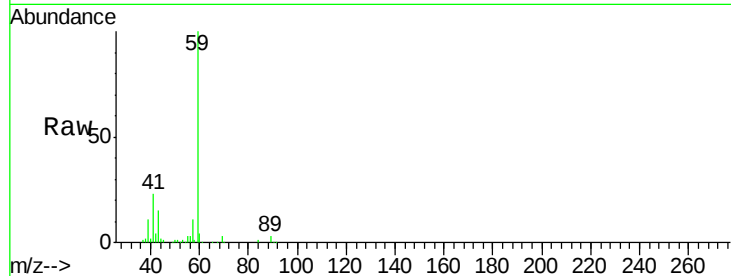


#11

Tert butyl alcohol
 Concen: 324.953 ug/l
 RT: 2.83 min Scan# 697
 Delta R.T. 0.01 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MS

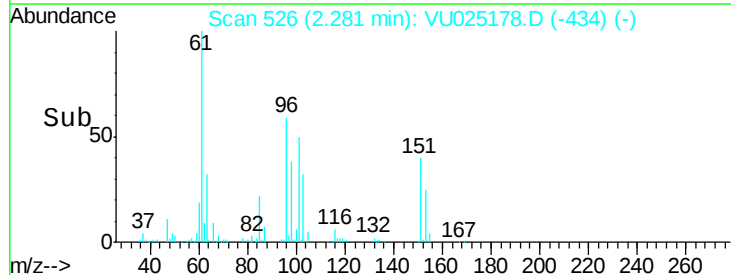
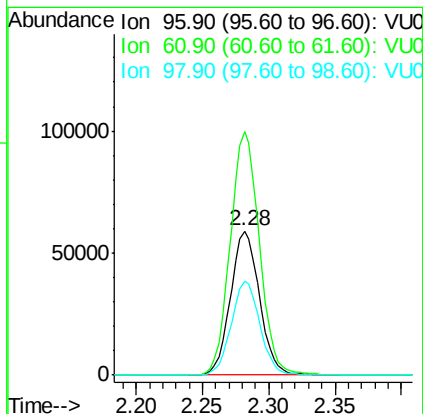
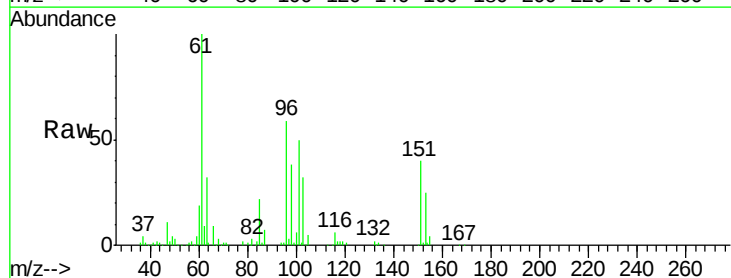
Tot Ion: 59 Resp: 199502
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.5 12.7

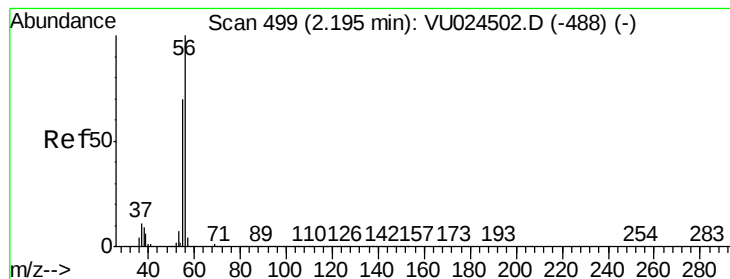


#12

1,1-Dichloroethene
 Concen: 50.844 ug/l
 RT: 2.28 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Tgt Ion: 96 Resp: 89519
 Ion Ratio Lower Upper
 96 100
 61 169.4 141.7 212.5
 98 65.1 51.6 77.4





#13

Acrolein

Concen: 144.118 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

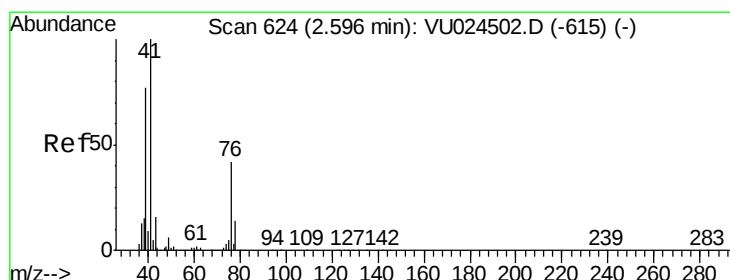
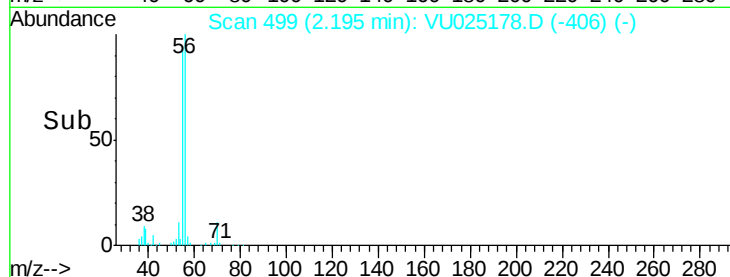
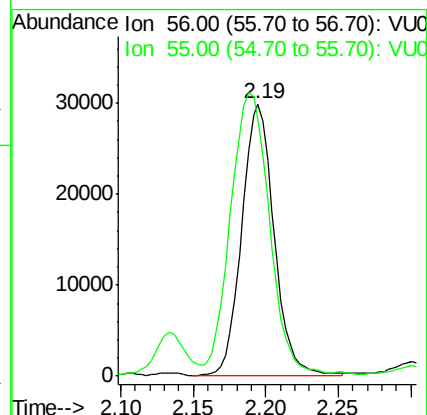
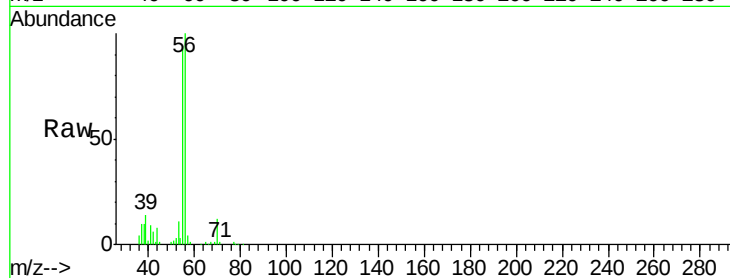
MW-1-062818MS

Tot Ion: 56 Resp: 46463

Ion Ratio Lower Upper

56 100

55 121.6 58.4 87.6#



#14

Allyl chloride

Concen: 43.569 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

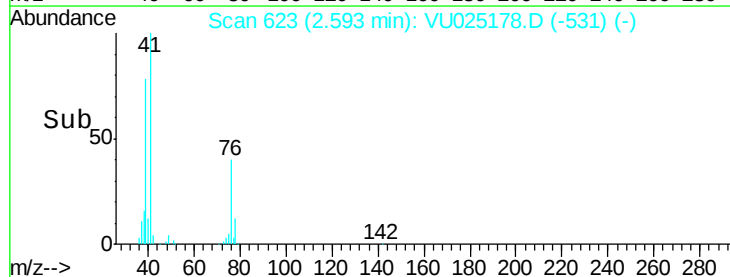
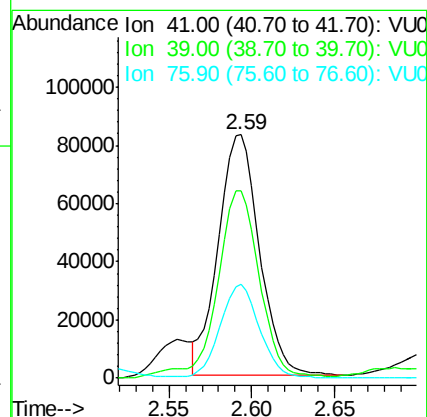
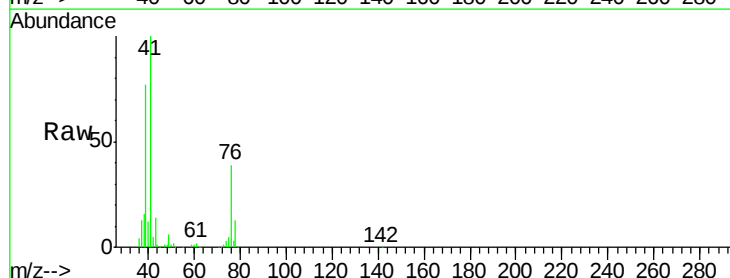
Tgt Ion: 41 Resp: 142430

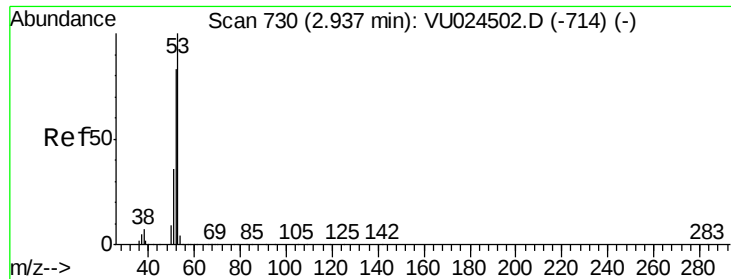
Ion Ratio Lower Upper

41 100

39 79.8 61.6 92.4

76 37.8 29.7 44.5





#15

Acrylonitrile

Concen: 284.351 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MS

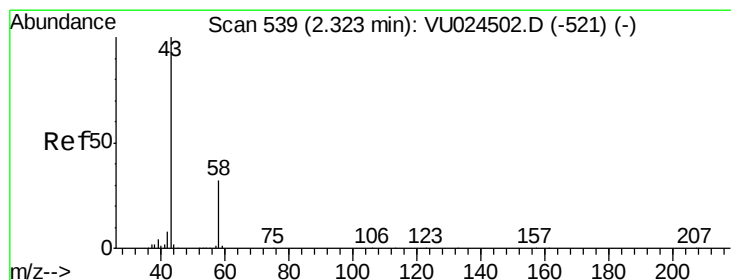
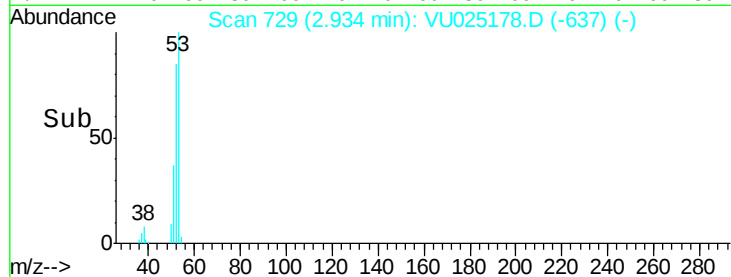
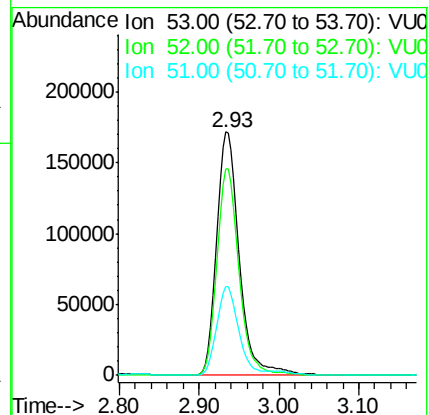
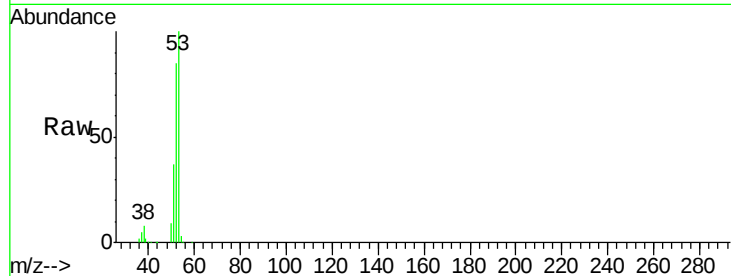
Tot Ion: 53 Resp: 339655

Ion Ratio Lower Upper

53 100

52 82.8 67.1 100.7

51 35.2 28.4 42.6



#16

Acetone

Concen: 273.061 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025178.D

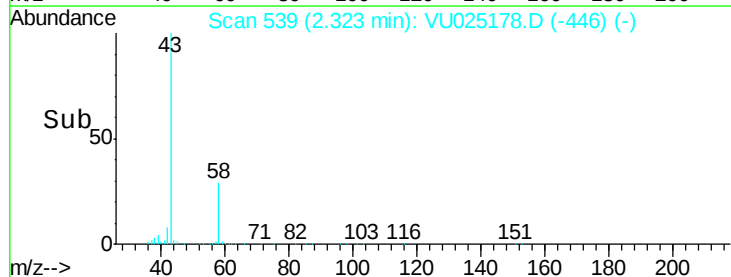
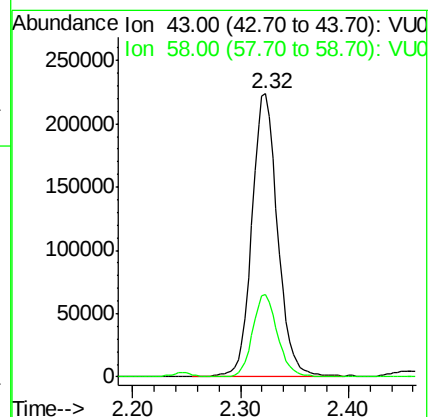
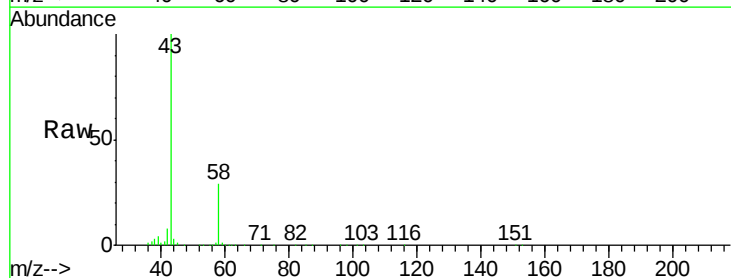
Acq: 03 Jul 2018 06:40

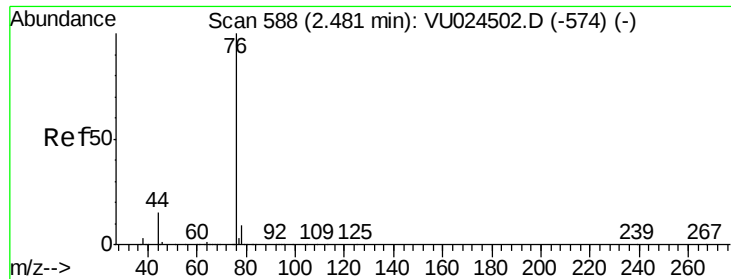
Tgt Ion: 43 Resp: 370359

Ion Ratio Lower Upper

43 100

58 28.9 24.4 36.6





#17

Carbon Disulfide

Concen: 42.897 ug/l

RT: 2.47 min Scan# 586

Delta R.T. -0.01 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

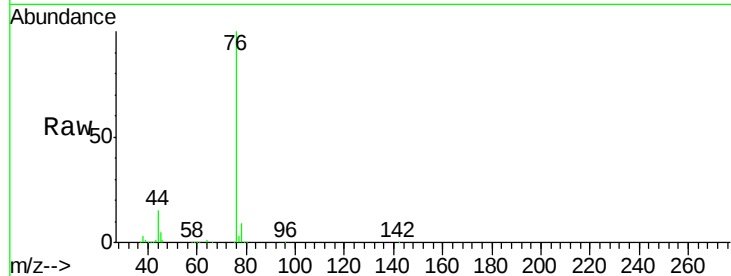
MW-1-062818MS

Tot Ion: 76 Resp: 241844

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU025178.D (-495) (-)

Ion 77.90 (77.60 to 78.60): VU025178.D (-495) (-)

2.47

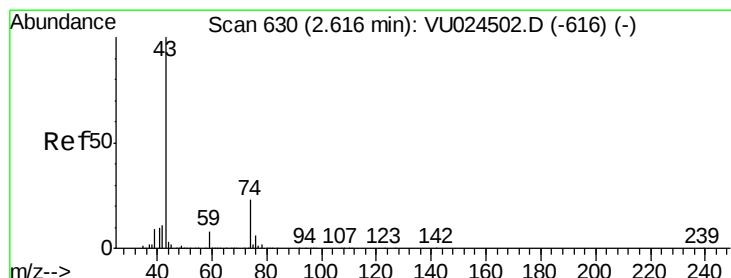
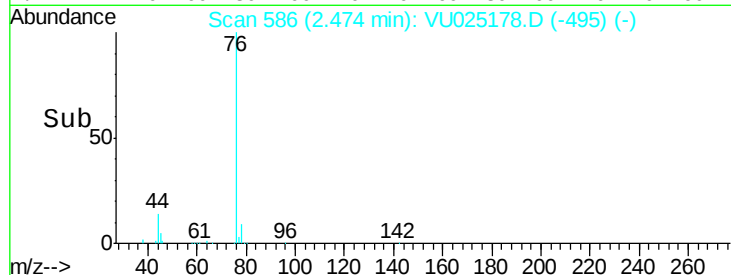
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 60.776 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU025178.D

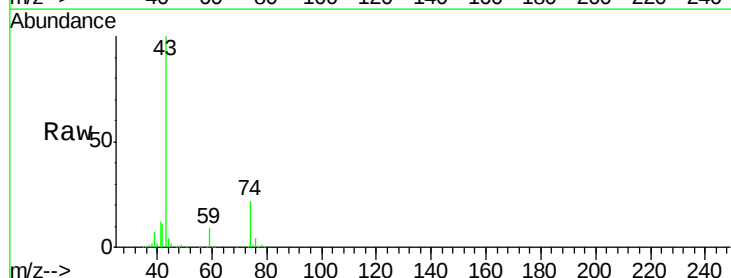
Acq: 03 Jul 2018 06:40

Tgt Ion: 43 Resp: 176716

Ion Ratio Lower Upper

43 100

74 22.9 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU025178.D (-537) (-)

Ion 74.00 (73.70 to 74.70): VU025178.D (-537) (-)

2.62

120000

100000

80000

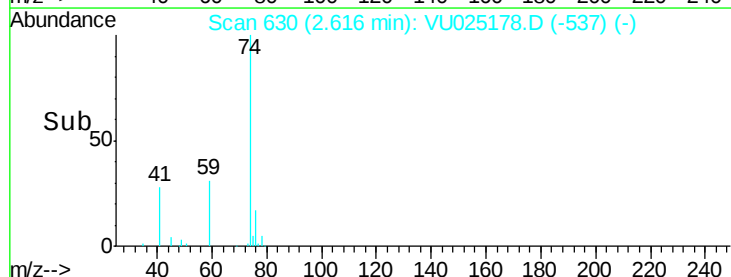
60000

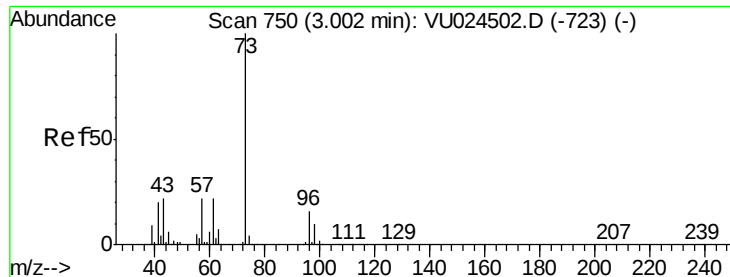
40000

20000

0

Time-->



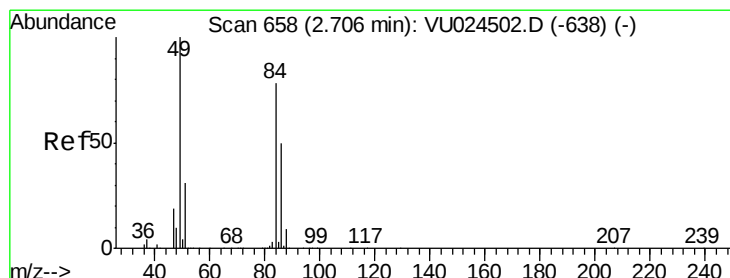
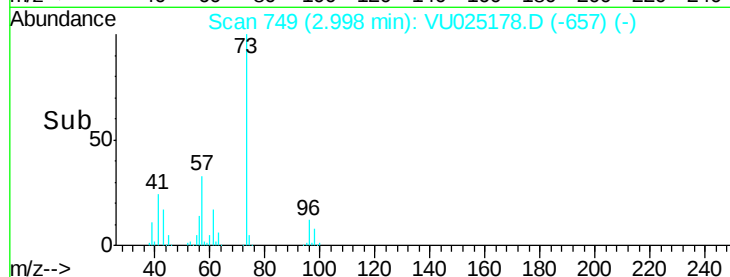
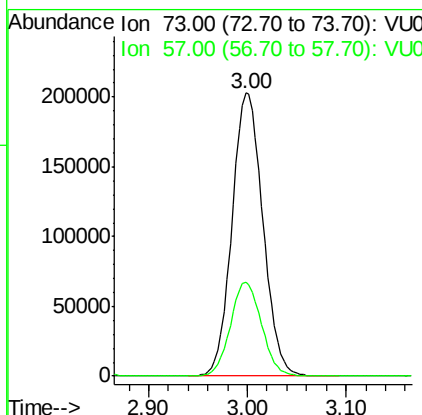
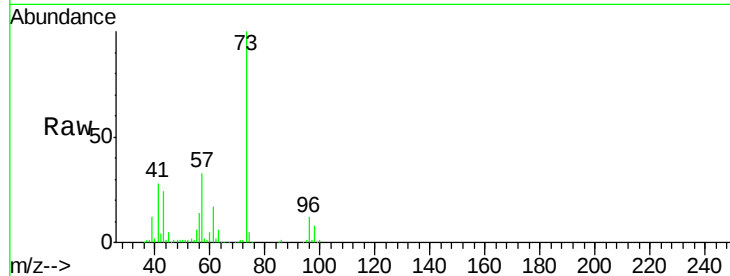


#19

Methyl tert-butyl Ether
 Concen: 66.743 ug/l
 RT: 3.00 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MS

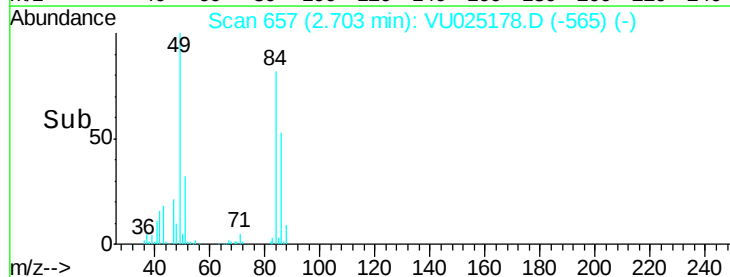
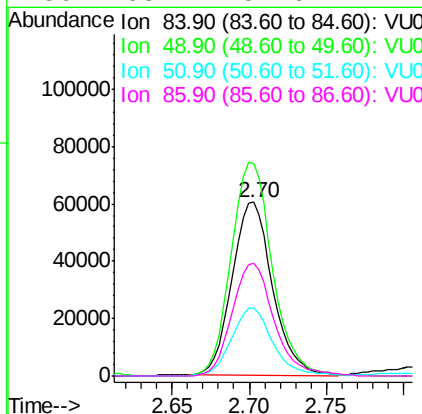
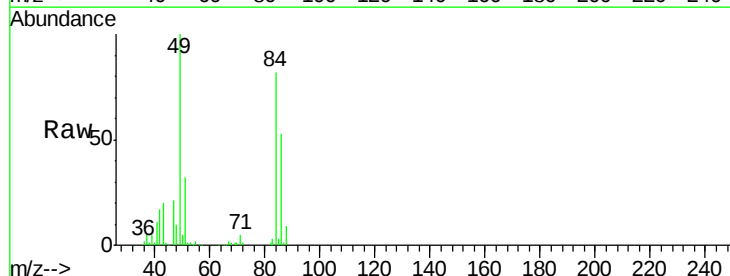
Tot Ion: 73 Resp: 441725
 Ion Ratio Lower Upper
 73 100
 57 33.1 18.8 28.2#

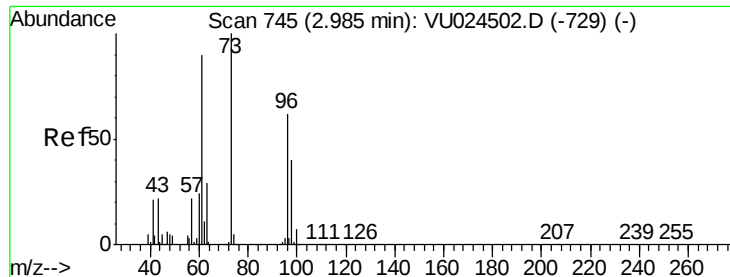


#20

Methylene Chloride
 Concen: 51.618 ug/l
 RT: 2.70 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Tgt Ion: 84 Resp: 109852
 Ion Ratio Lower Upper
 84 100
 49 122.8 103.8 155.8
 51 39.1 32.0 48.0
 86 65.1 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 52.321 ug/l

RT: 2.98 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MS

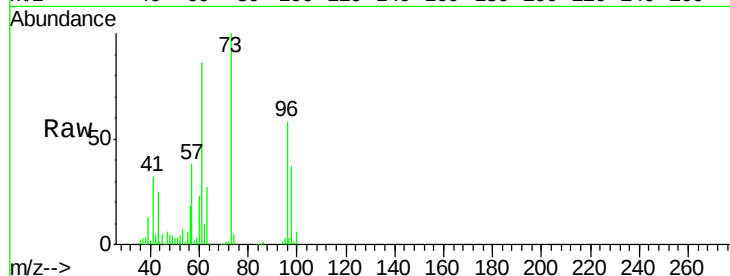
Tot Ion: 96 Resp: 101460

Ion Ratio Lower Upper

96 100

61 148.3 119.4 179.0

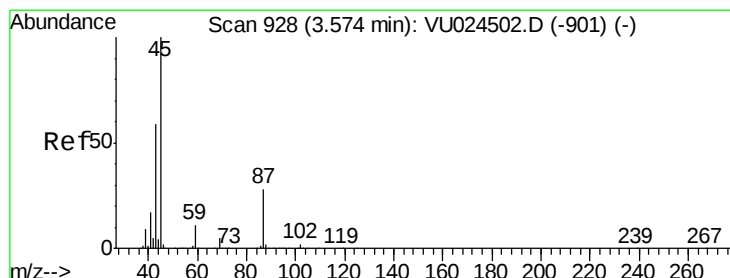
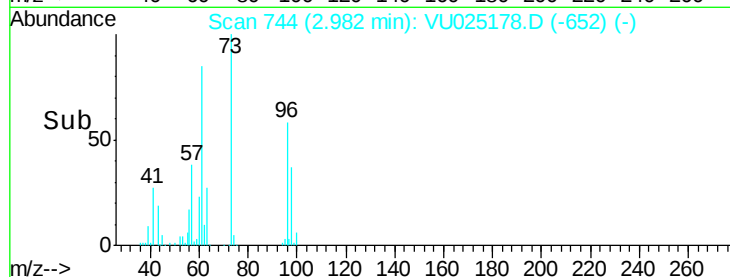
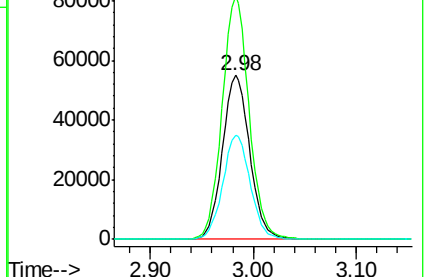
98 63.8 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VU025178.D (-652) (-)

Ion 60.90 (60.60 to 61.60): VU025178.D (-652) (-)

Ion 97.90 (97.60 to 98.60): VU025178.D (-652) (-)



#22

Diisopropyl ether

Concen: 55.163 ug/l

RT: 3.57 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Tgt Ion: 45 Resp: 357483

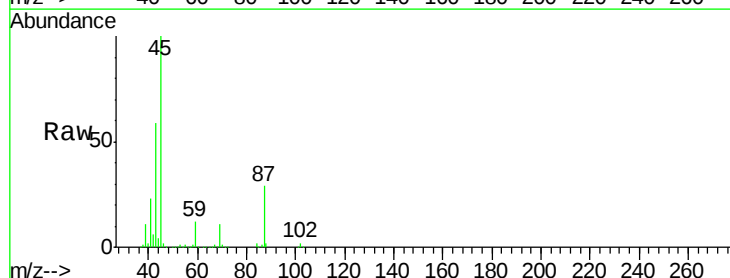
Ion Ratio Lower Upper

45 100

43 57.2 45.8 68.6

87 28.8 20.6 31.0

59 12.0 9.4 14.0

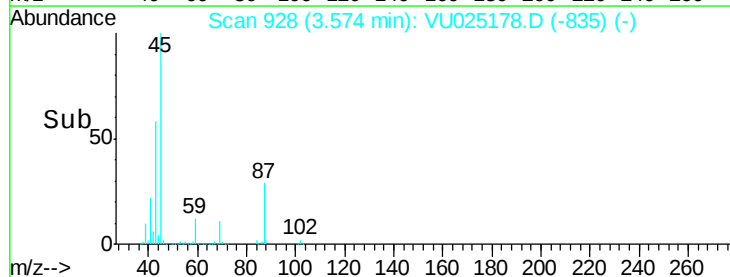
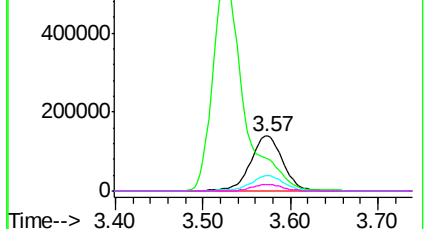


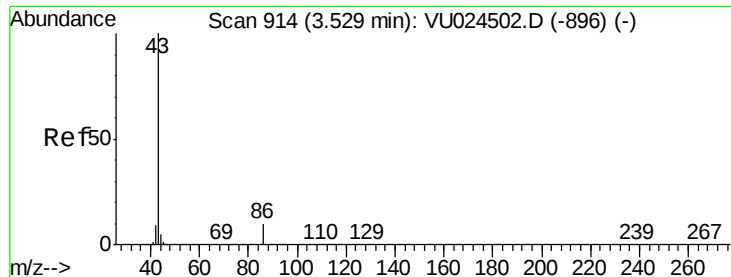
Abundance Ion 45.00 (44.70 to 45.70): VU025178.D (-835) (-)

Ion 43.00 (42.70 to 43.70): VU025178.D (-835) (-)

Ion 87.00 (86.70 to 87.70): VU025178.D (-835) (-)

Ion 59.00 (58.70 to 59.70): VU025178.D (-835) (-)





#23

Vinyl Acetate

Concen: 227.814 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

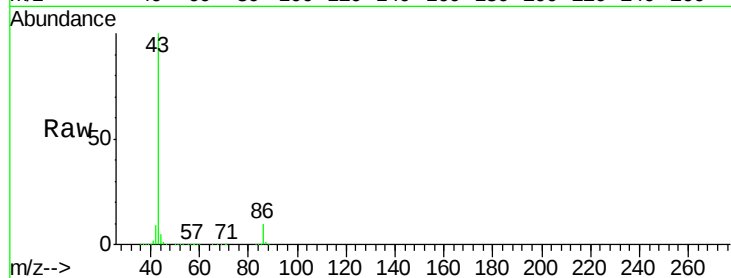
MW-1-062818MS

Tot Ion: 43 Resp: 1322497

Ion Ratio Lower Upper

43 100

86 10.0 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

3.53

600000

500000

400000

300000

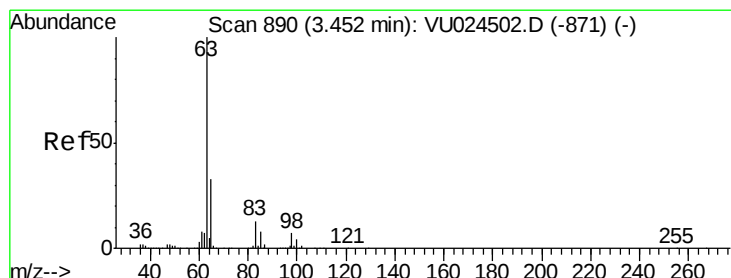
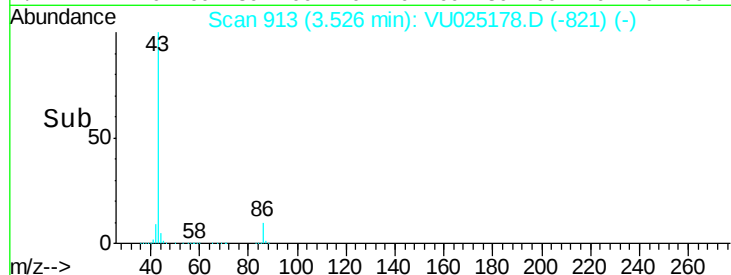
200000

100000

0

Time-->

3.40 3.50 3.60 3.70



#24

1,1-Dichloroethane

Concen: 53.918 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

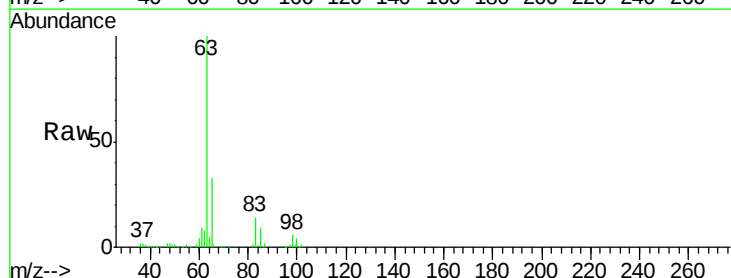
Tgt Ion: 63 Resp: 201007

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

100 4.2 1.8 5.5



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

120000

100000

80000

60000

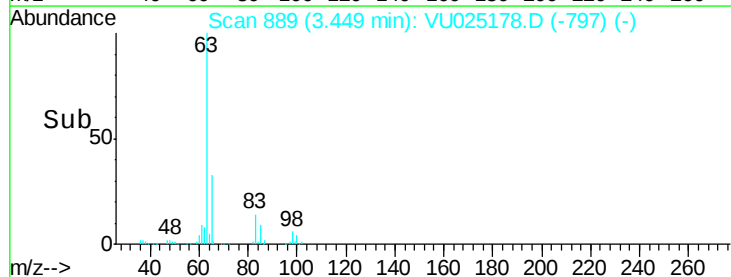
40000

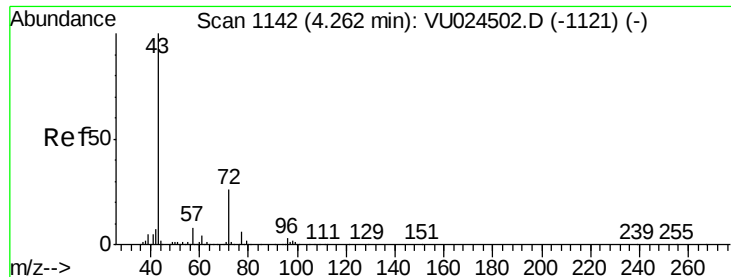
20000

0

Time-->

3.40 3.50

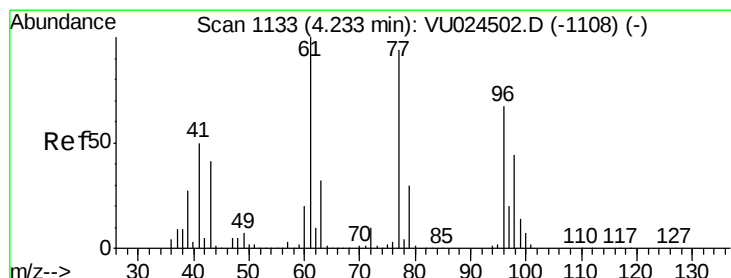
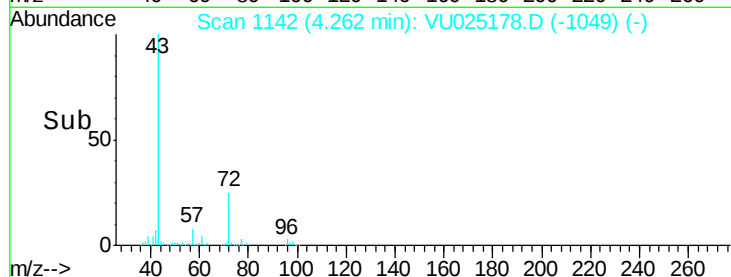
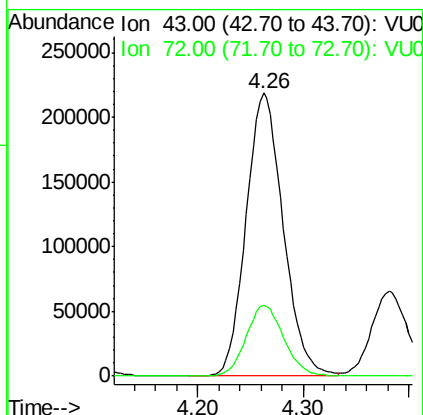
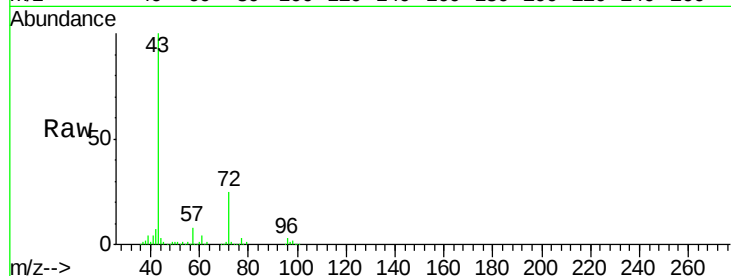




#25
2-Butanone
Concen: 291.093 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

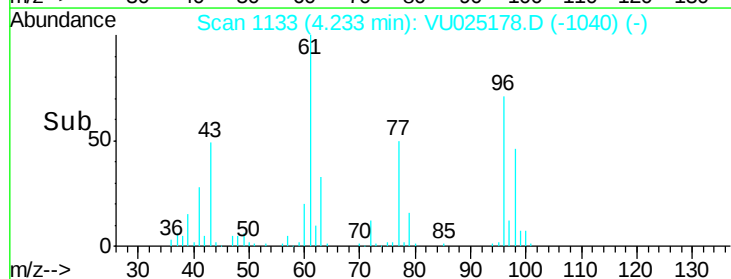
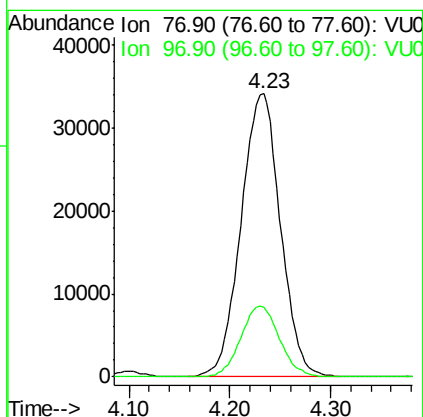
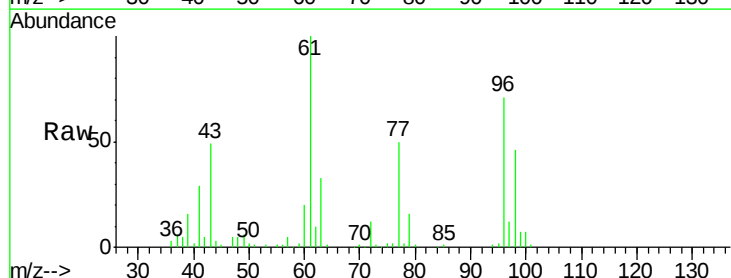
Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818MS

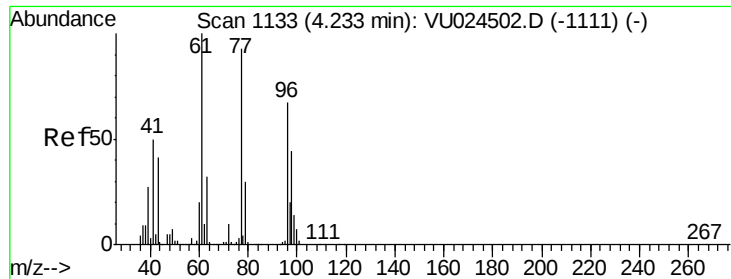
Tot Ion: 43 Resp: 530327
Ion Ratio Lower Upper
43 100
72 25.2 19.6 29.4



#26
2,2-Dichloropropane
Concen: 26.035 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Tgt Ion: 77 Resp: 92164
Ion Ratio Lower Upper
77 100
97 24.5 11.3 33.8

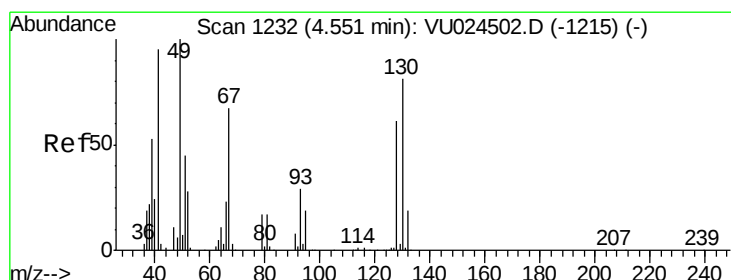
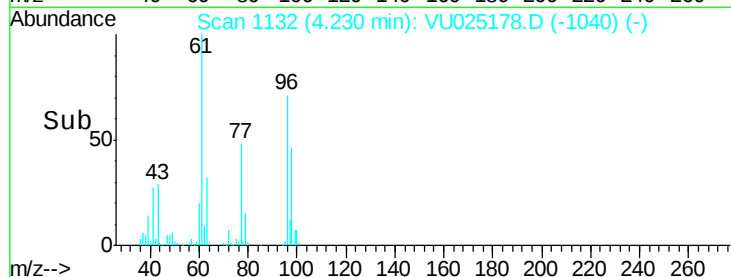
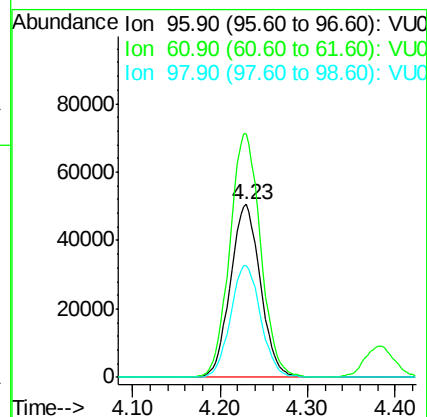
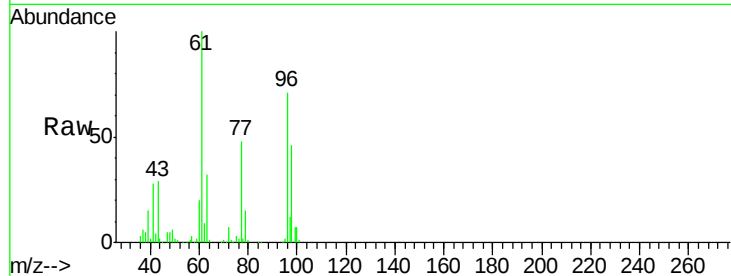




#27
 cis-1,2-Dichloroethene
 Concen: 54.216 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

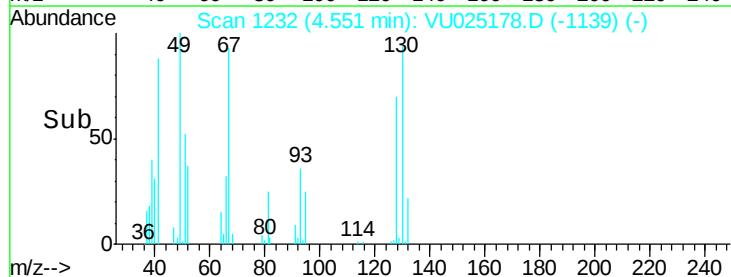
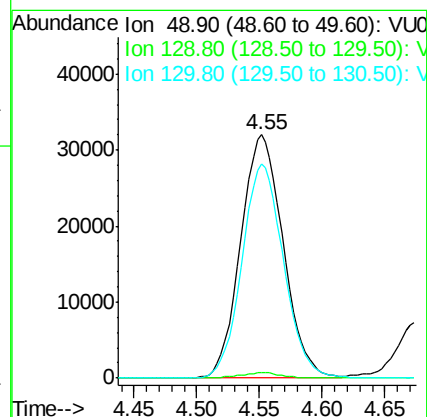
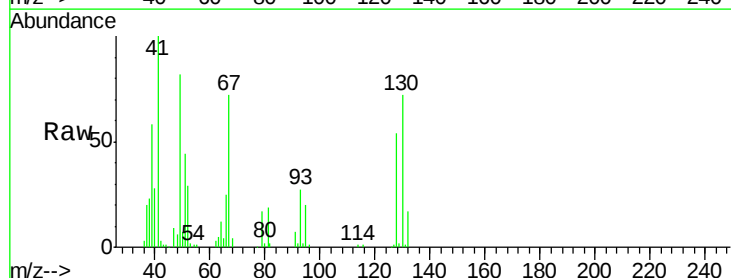
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MS

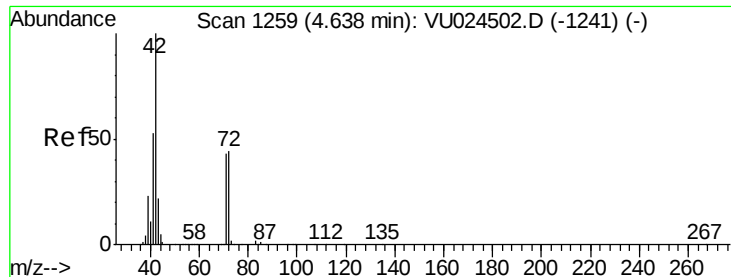
Tot Ion: 96 Resp: 120870
 Ion Ratio Lower Upper
 96 100
 61 144.0 0.0 306.6
 98 64.9 0.0 128.8



#28
 Bromochloromethane
 Concen: 45.882 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Tgt Ion: 49 Resp: 75341
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 86.3 57.8 86.6





#29

Tetrahydrofuran

Concen: 280.866 ug/l

RT: 4.64 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MS

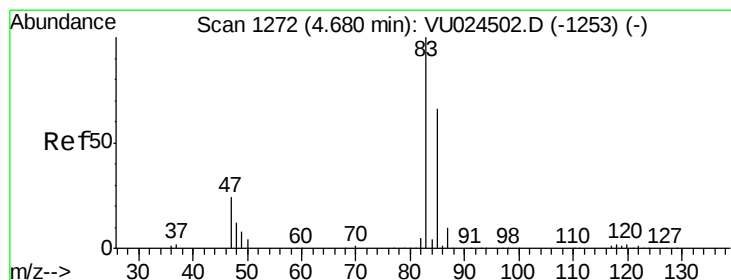
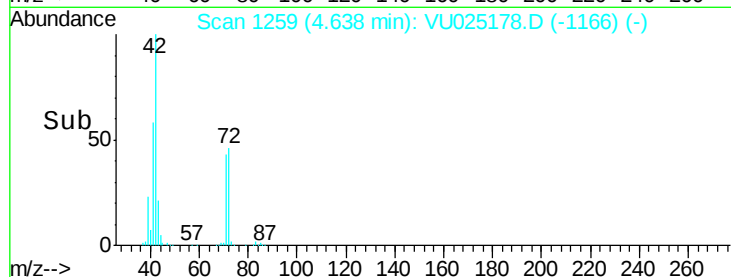
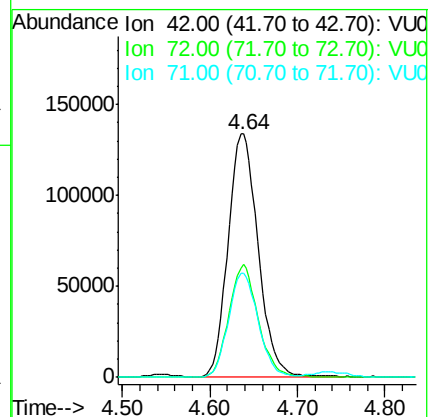
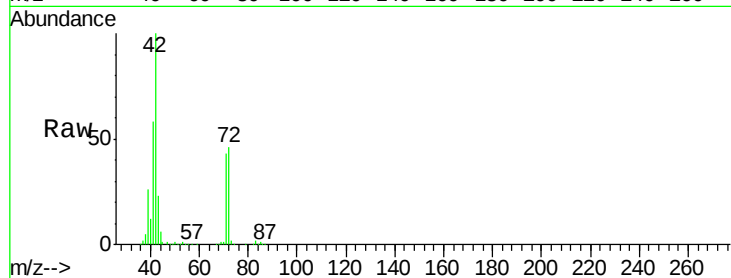
Tot Ion: 42 Resp: 316876

Ion Ratio Lower Upper

42 100

72 45.6 34.5 51.7

71 42.6 32.2 48.4



#30

Chloroform

Concen: 57.734 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU025178.D

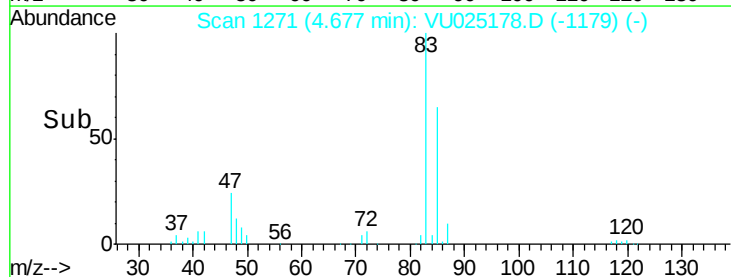
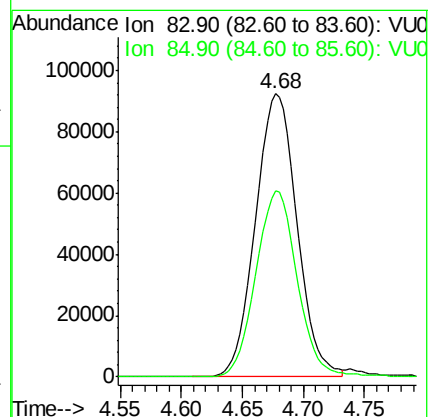
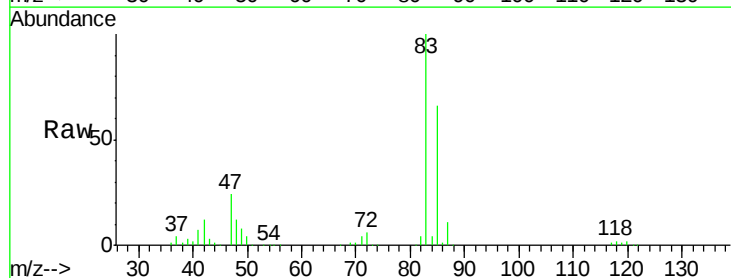
Acq: 03 Jul 2018 06:40

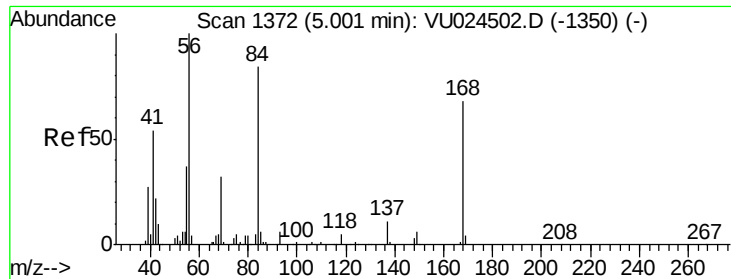
Tgt Ion: 83 Resp: 217854

Ion Ratio Lower Upper

83 100

85 65.6 52.4 78.6

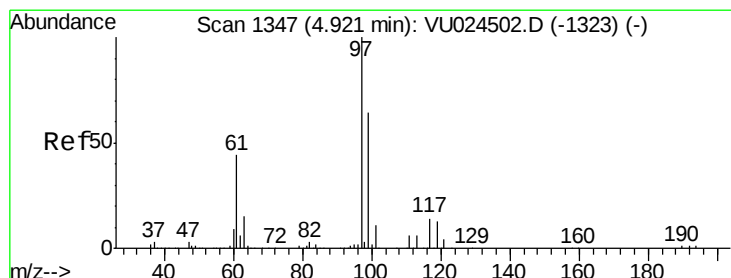
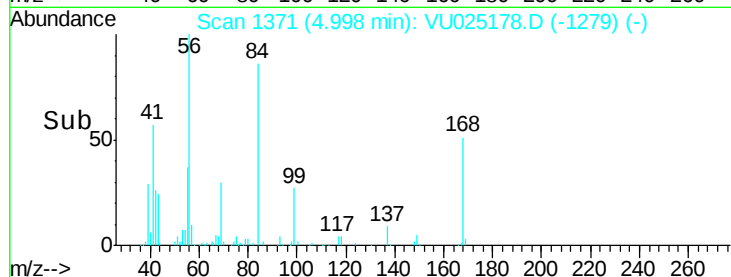
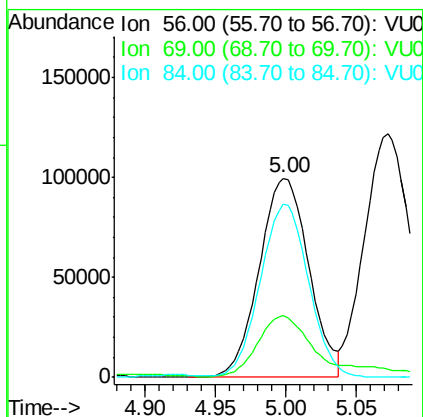
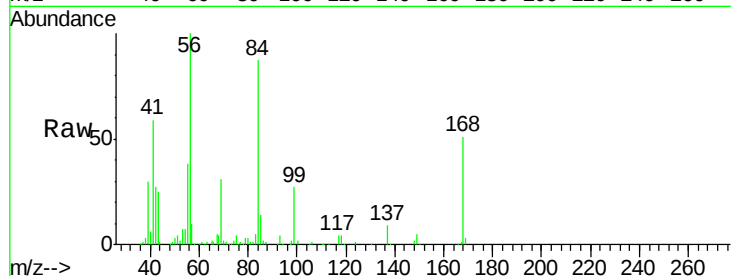




#31
Cyclohexane
Concen: 74.445 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

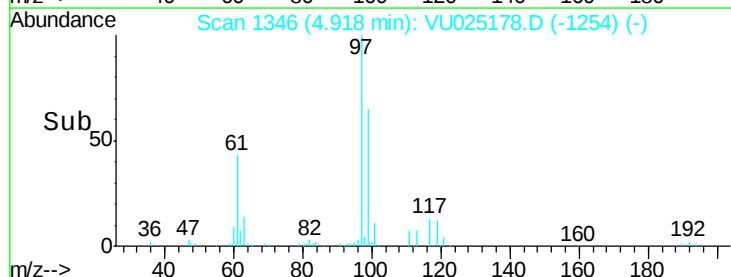
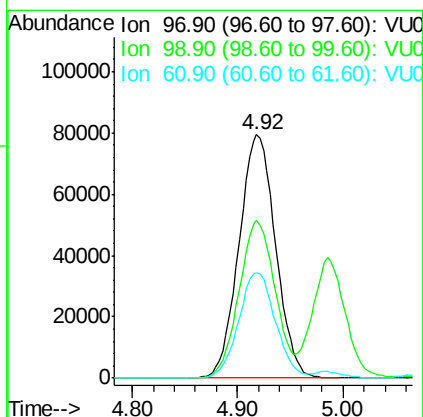
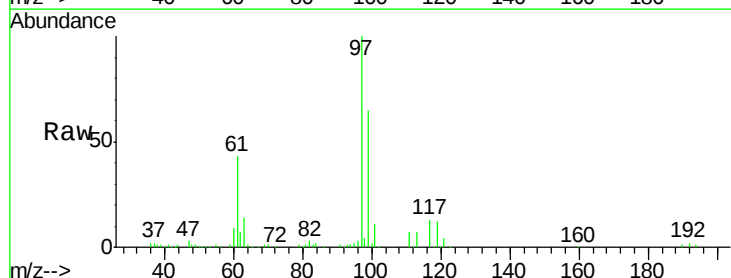
Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818MS

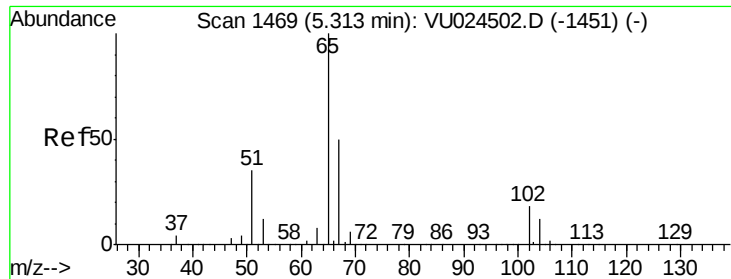
Tot Ion: 56 Resp: 243266
Ion Ratio Lower Upper
56 100
69 30.1 24.8 37.2
84 85.8 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 54.937 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Tgt Ion: 97 Resp: 191694
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.6
61 43.5 39.4 59.0





#33

1,2-Dichloroethane-d4

Concen: 49.956 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

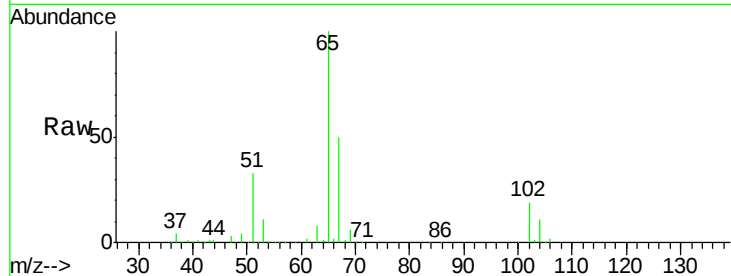
MW-1-062818MS

Tot Ion: 65 Resp: 126105

Ion Ratio Lower Upper

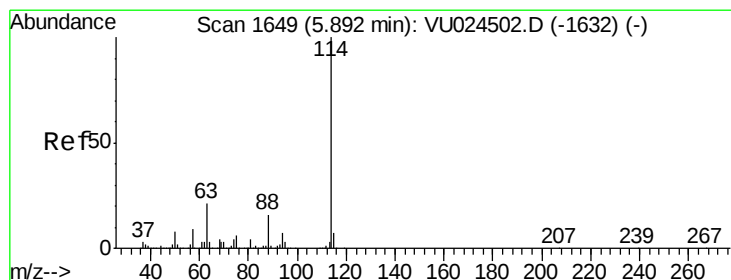
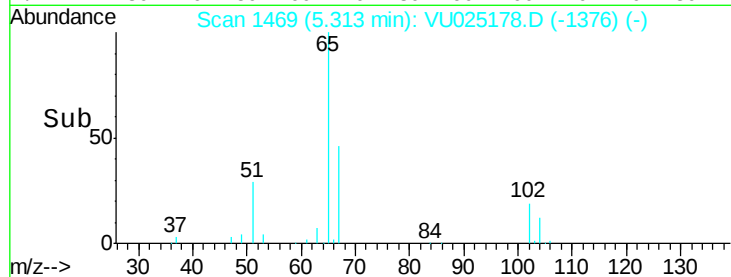
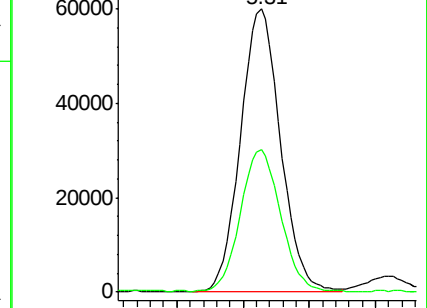
65 100

67 50.2 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU025178.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU025178.D (-1376) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

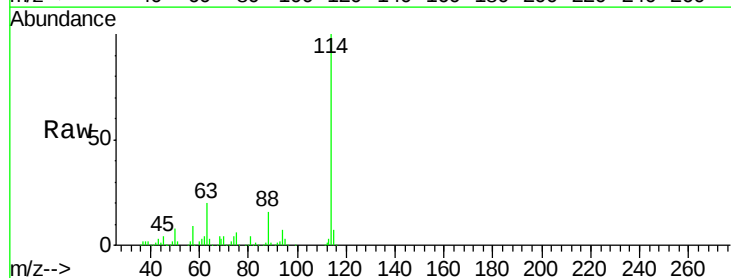
Tgt Ion: 114 Resp: 243367

Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.4

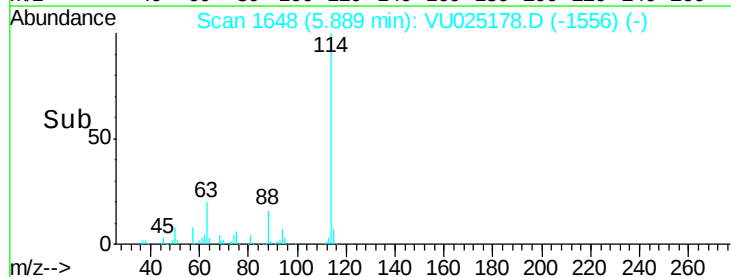
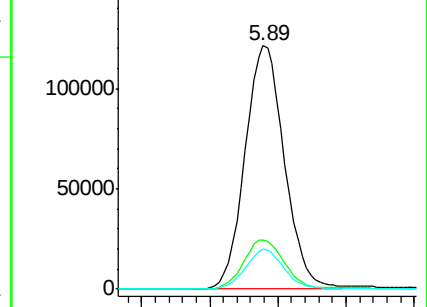
88 16.3 0.0 31.0

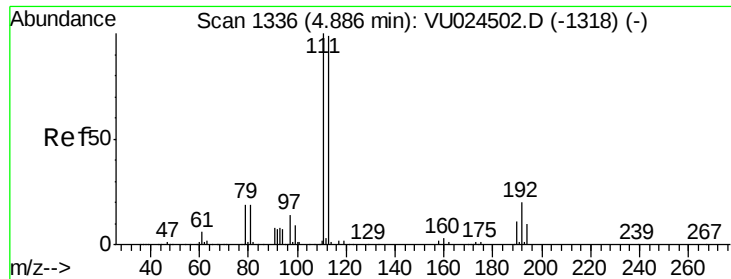


Abundance Ion 113.90 (113.60 to 114.60): VU025178.D (-1556) (-)

Ion 63.00 (62.70 to 63.70): VU025178.D (-1556) (-)

Ion 87.90 (87.60 to 88.60): VU025178.D (-1556) (-)

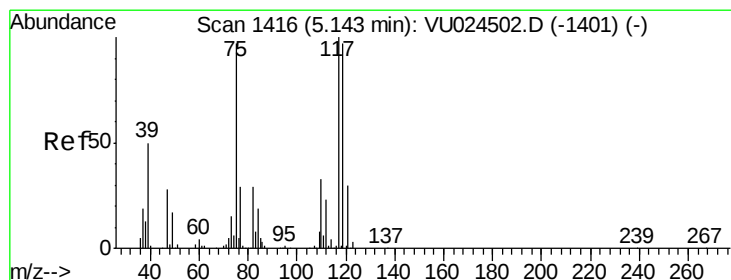
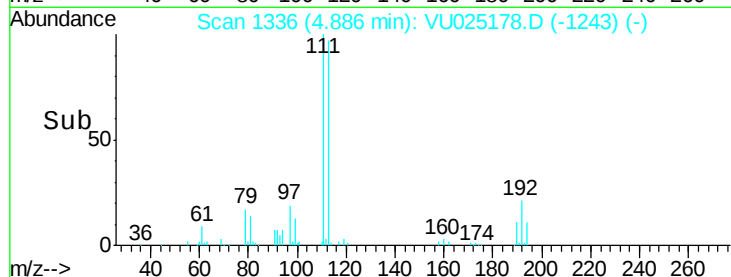
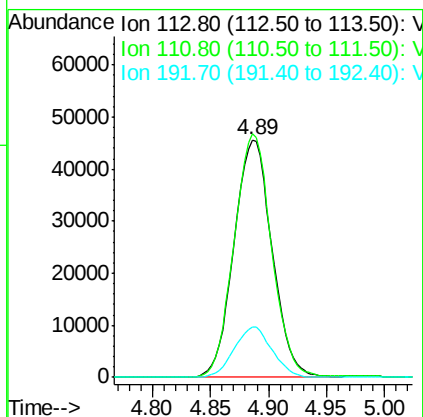
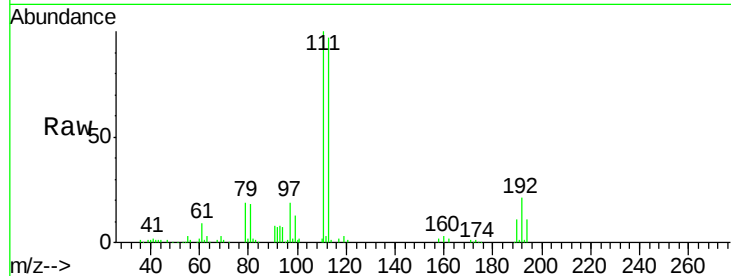




#35
 Dibromofluoromethane
 Concen: 51.589 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

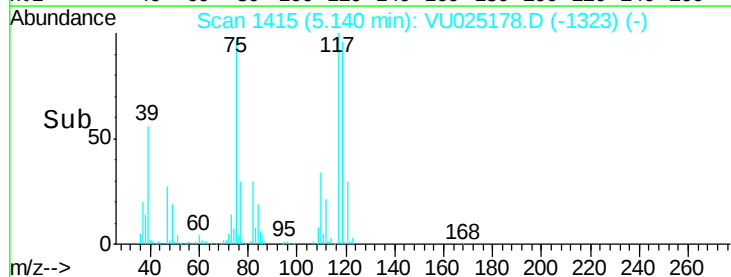
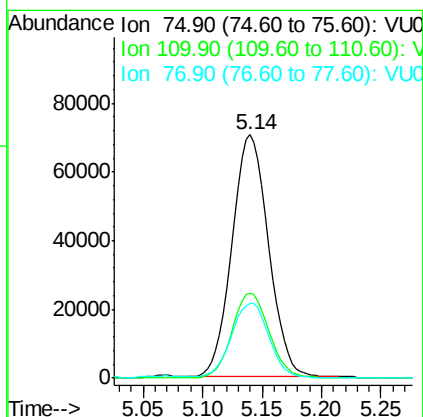
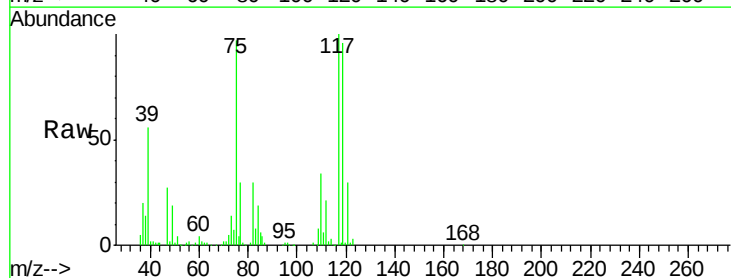
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MS

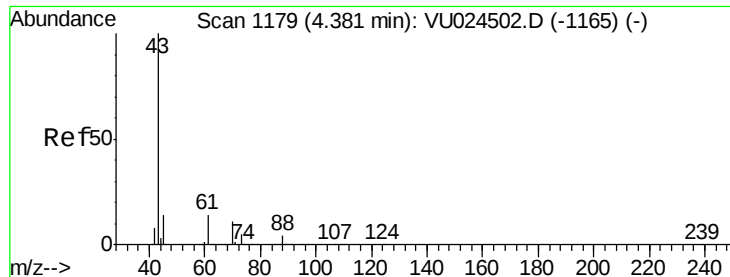
Tot Ion:113 Resp: 104198
 Ion Ratio Lower Upper
 113 100
 111 100.8 82.2 123.4
 192 21.1 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 52.586 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Tgt Ion: 75 Resp: 150382
 Ion Ratio Lower Upper
 75 100
 110 35.7 17.0 50.9
 77 31.5 24.2 36.4

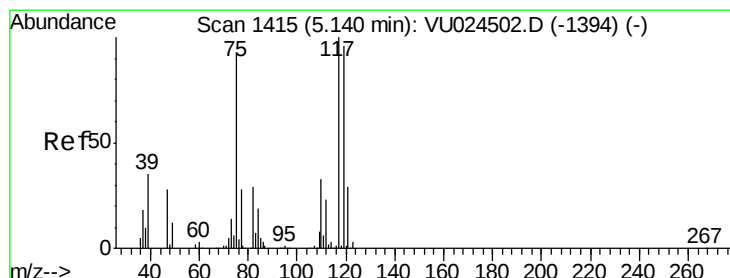
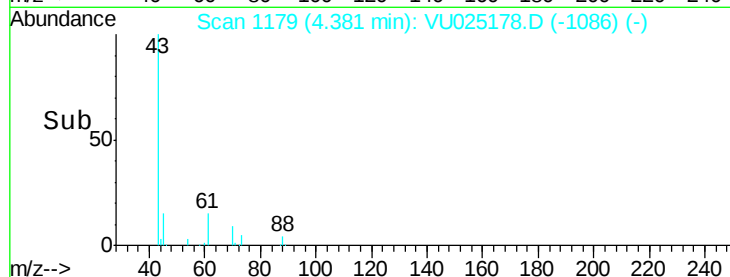
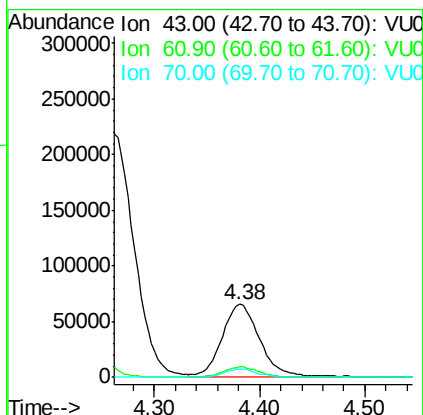
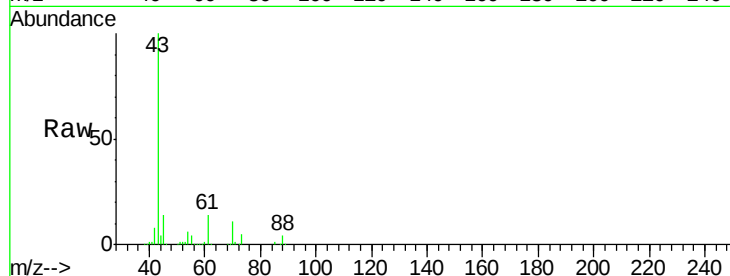




#37
Ethyl Acetate
Concen: 50.635 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

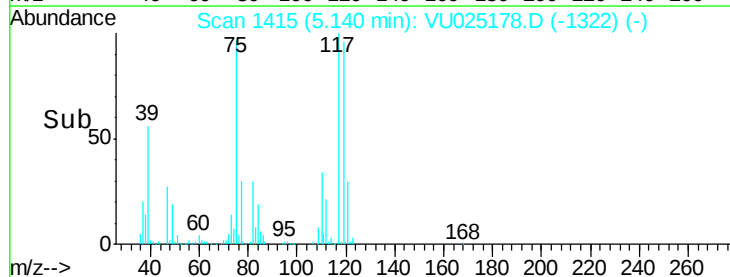
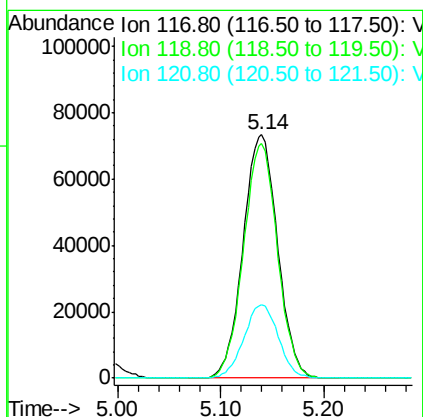
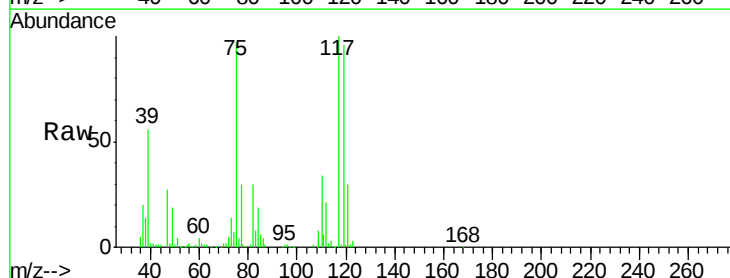
Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818MS

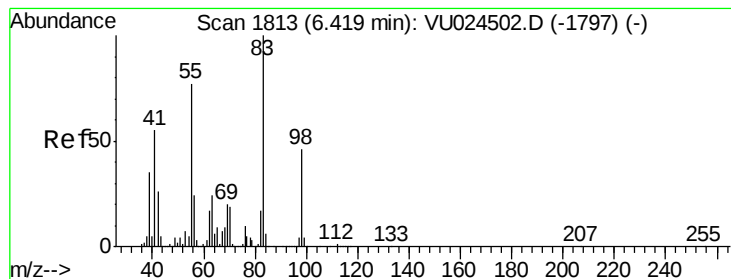
Tot Ion	43	Resp	157826
Ion Ratio	Lower	Upper	
43	100		
61	14.2	10.5	15.7
70	10.5	7.4	11.2



#38
Carbon Tetrachloride
Concen: 54.134 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Tgt Ion	117	Resp	170237
Ion Ratio	Lower	Upper	
117	100		
119	96.4	76.1	114.1
121	30.2	23.7	35.5





#39

Methvlcvclohexane

Concen: 82.844 ug/l

RT: 6.42 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MS

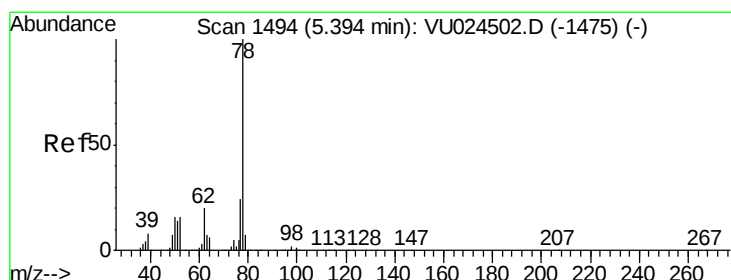
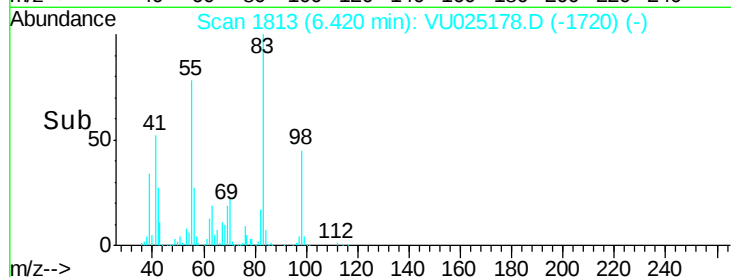
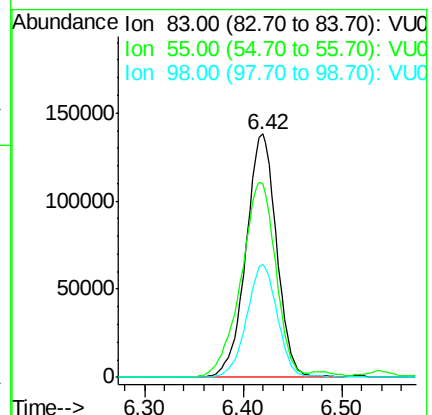
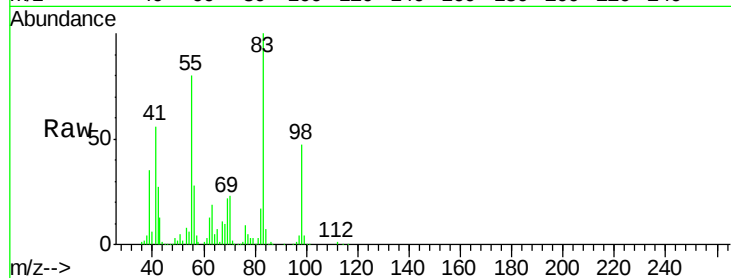
Tot Ion: 83 Resp: 295650

Ion Ratio Lower Upper

83 100

55 79.5 65.8 98.6

98 46.5 36.7 55.1



#40

Benzene

Concen: 165.615 ug/l

RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU025178.D

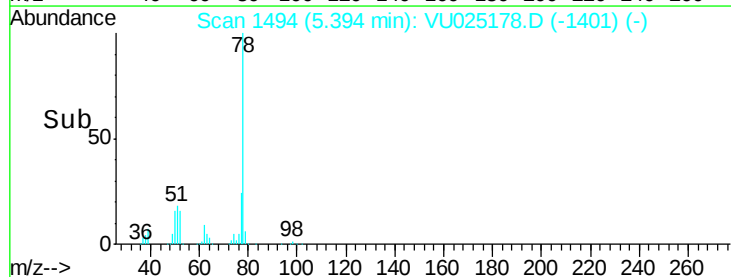
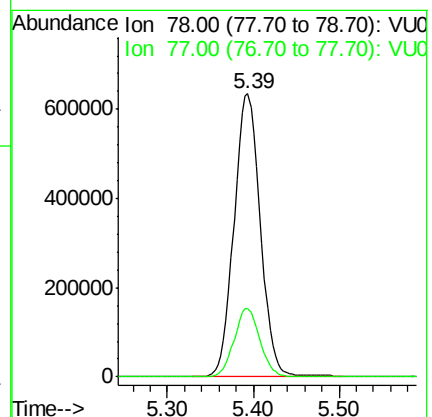
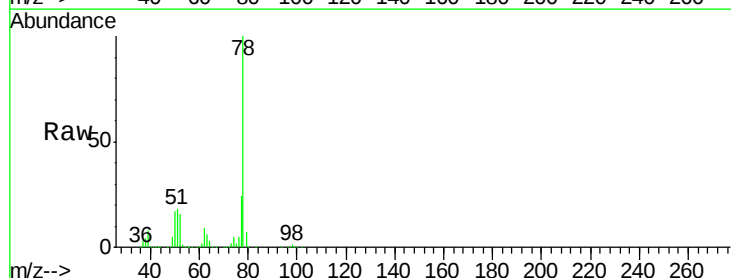
Acq: 03 Jul 2018 06:40

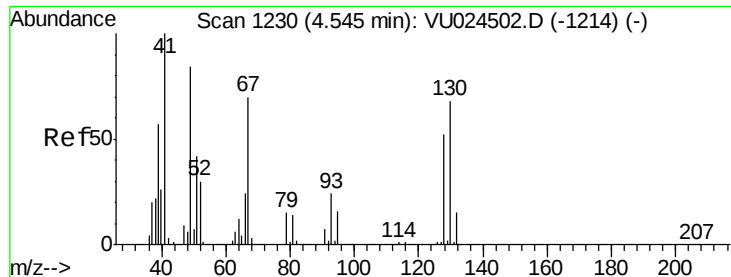
Tgt Ion: 78 Resp: 1349555

Ion Ratio Lower Upper

78 100

77 24.1 19.2 28.8

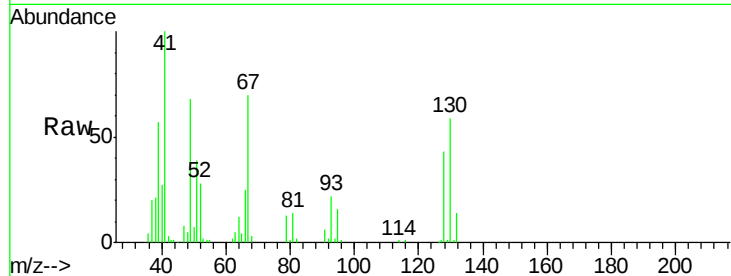




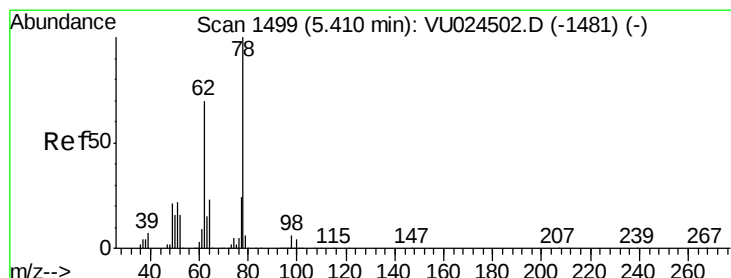
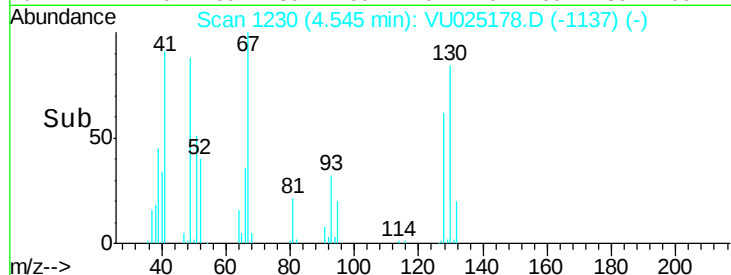
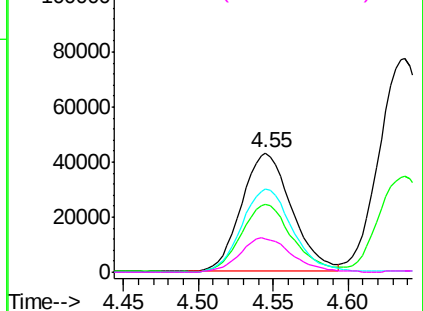
#41
Methacrylonitrile
Concen: 59.987 ug/l
RT: 4.55 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818MS

Tot Ion:	41	Resp:	100810
Ion	Ratio	Lower	Upper
41	100		
39	57.3	43.8	65.6
67	71.1	56.3	84.5
52	29.5	23.2	34.8

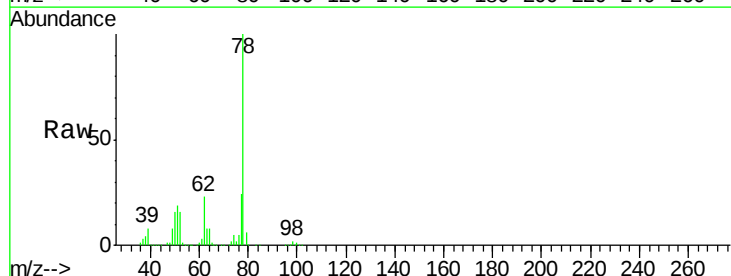


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

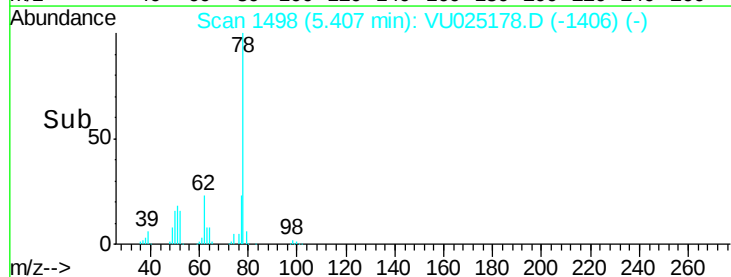
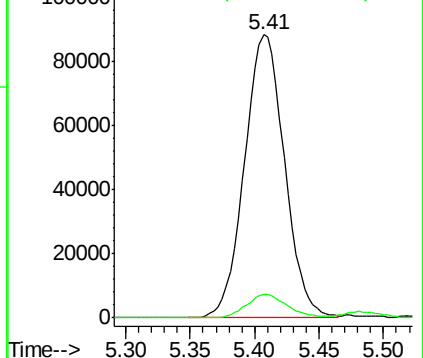


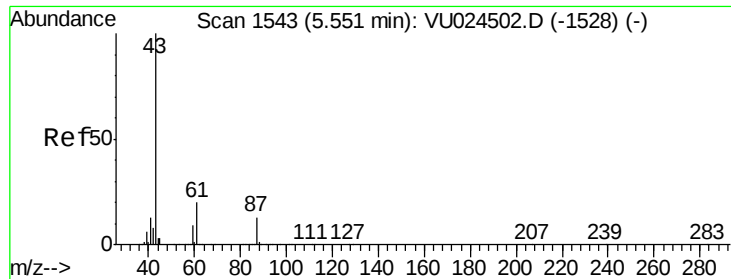
#42
1,2-Dichloroethane
Concen: 61.589 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Tgt Ion:	62	Resp:	191145
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VU0
Ion 97.90 (97.60 to 98.60): VU0

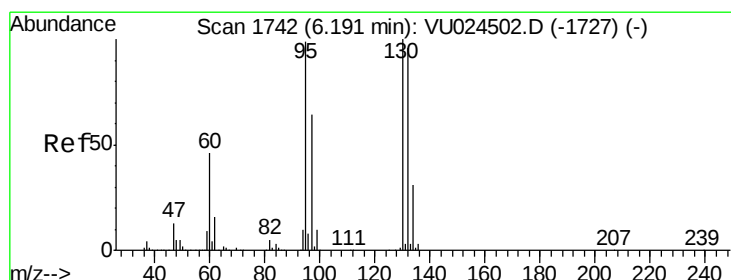
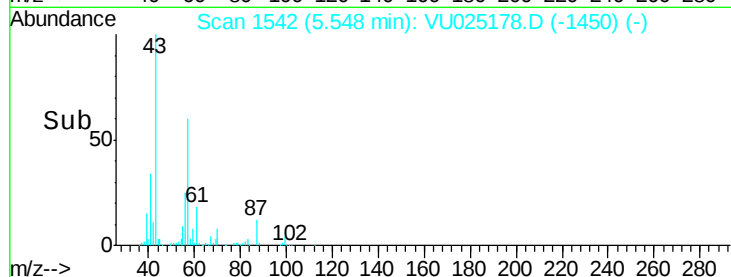
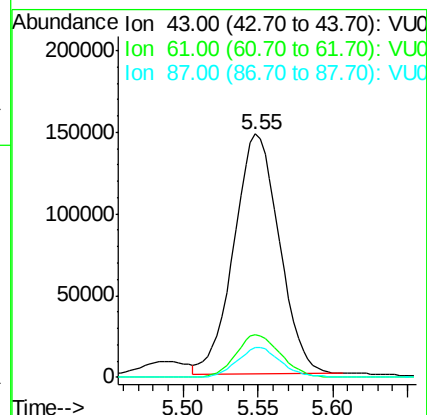
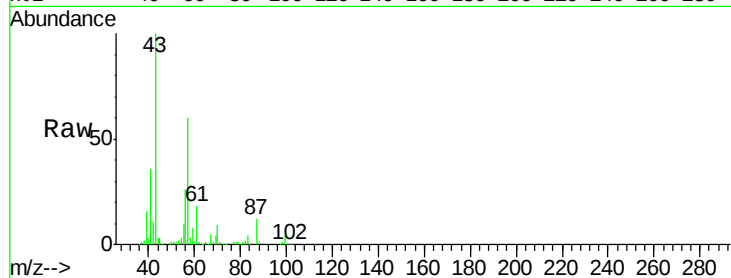




#43
Isopropyl Acetate
Concen: 57.348 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

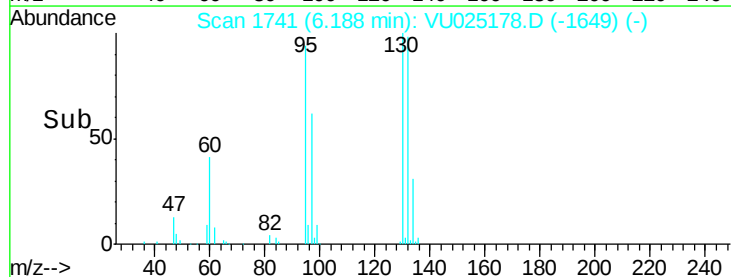
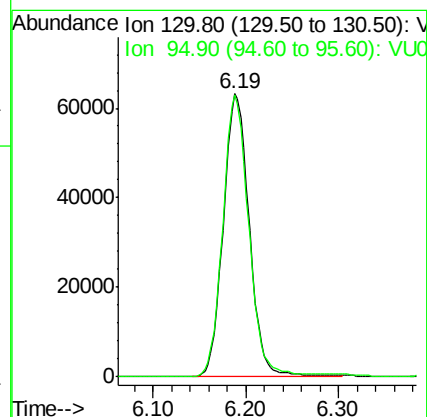
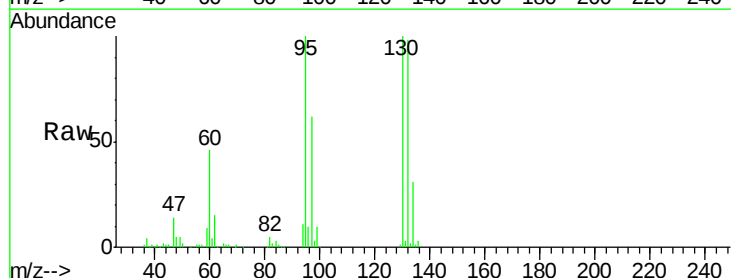
Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818MS

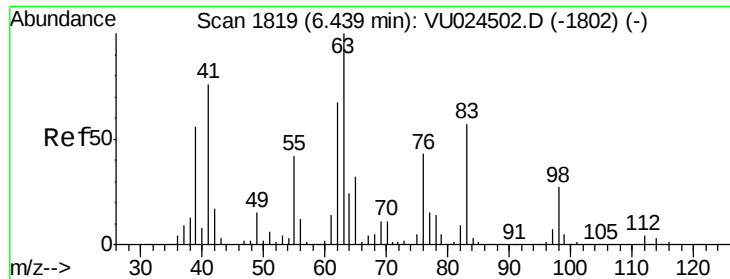
Tot Ion: 43 Resp: 308975
Ion Ratio Lower Upper
43 100
61 17.5 15.4 23.0
87 12.1 10.0 15.0



#44
Trichloroethene
Concen: 53.029 ug/l
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Tgt Ion: 130 Resp: 122981
Ion Ratio Lower Upper
130 100
95 99.8 0.0 202.4





#45

1,2-Dichloropropane

Concen: 55.853 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

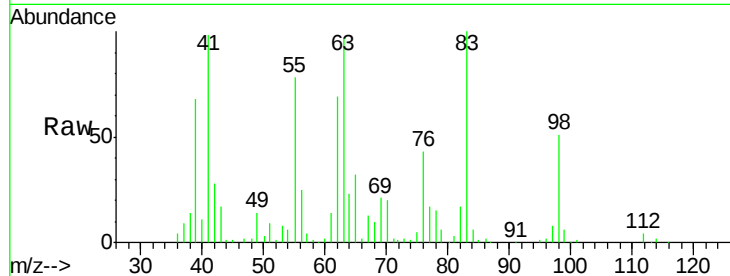
MW-1-062818MS

Tot Ion: 63 Resp: 121440

Ion Ratio Lower Upper

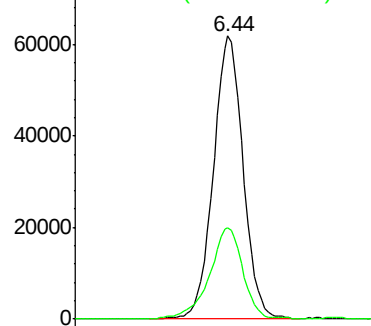
63 100

65 32.2 24.8 37.2

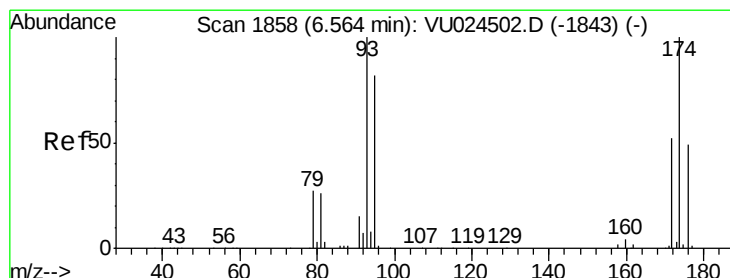
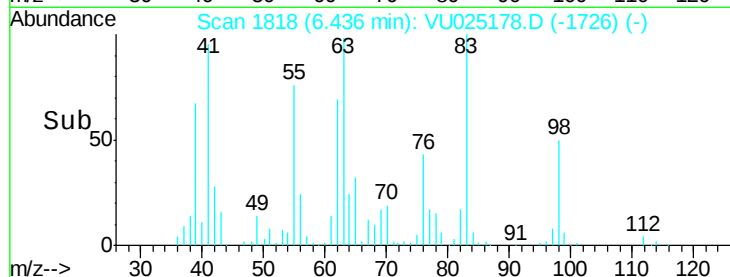


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



Time-->



#46

Dibromomethane

Concen: 57.406 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

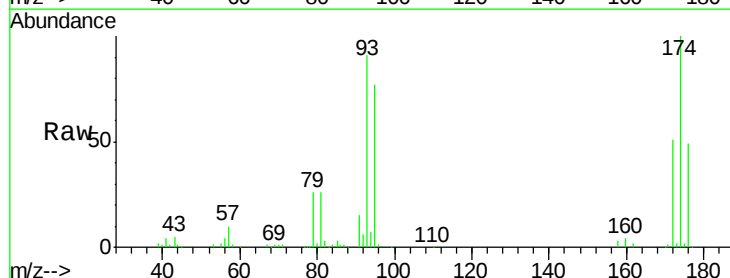
Tgt Ion: 93 Resp: 87673

Ion Ratio Lower Upper

93 100

95 85.6 65.5 98.3

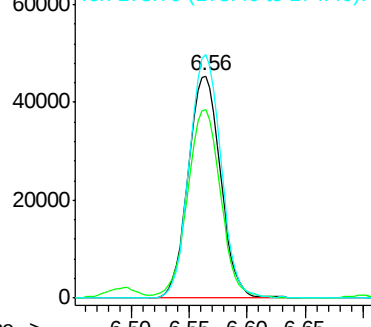
174 106.9 78.7 118.1



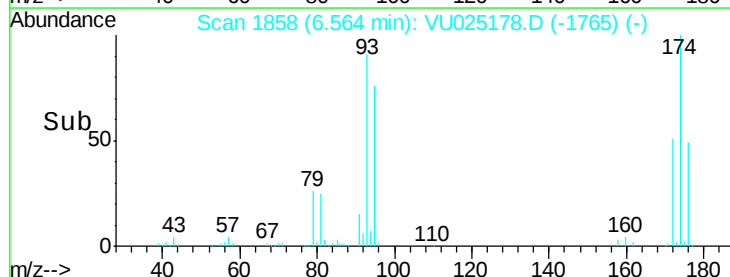
Abundance Ion 92.80 (92.50 to 93.50): VU0

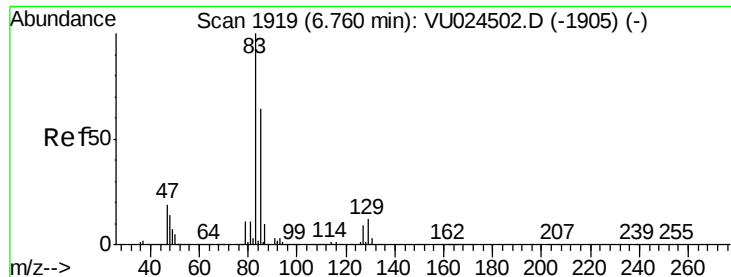
Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V



Time-->





#47

Bromodichloromethane

Concen: 55.199 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MS

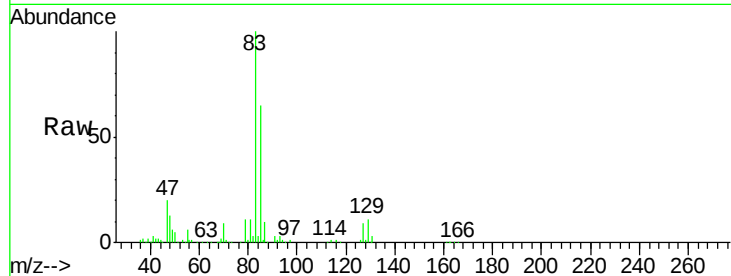
Tot Ion: 83 Resp: 167870

Ion Ratio Lower Upper

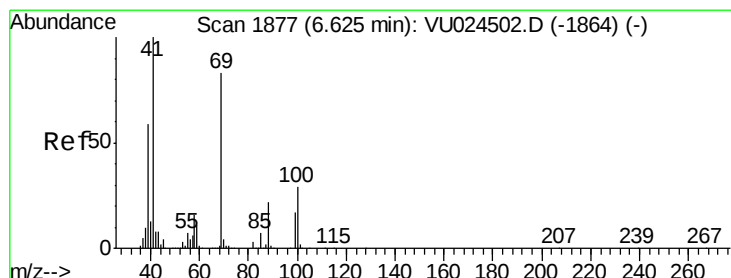
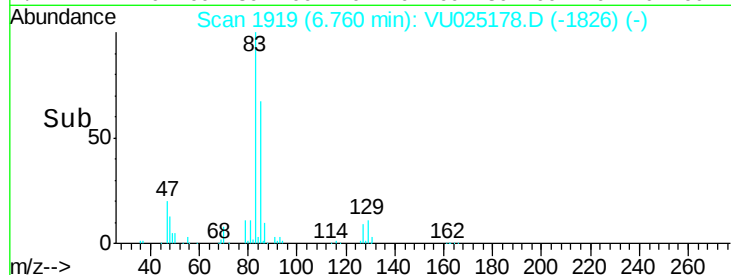
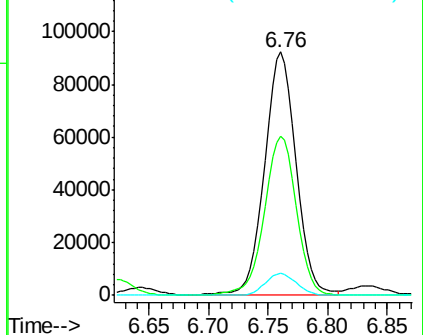
83 100

85 65.5 51.9 77.9

127 9.2 6.6 9.8



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: 68.473 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

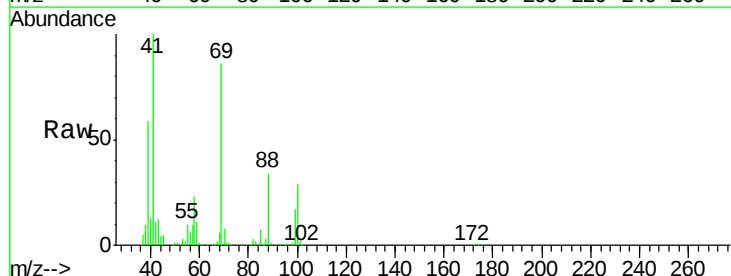
Tgt Ion: 41 Resp: 179639

Ion Ratio Lower Upper

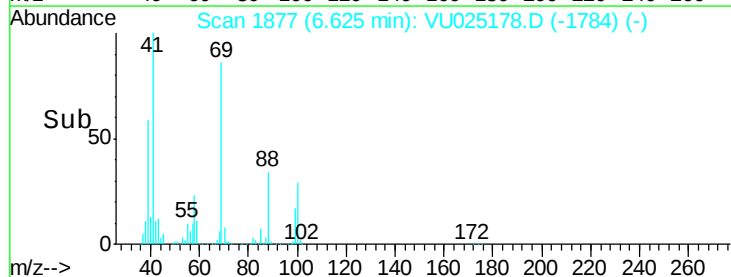
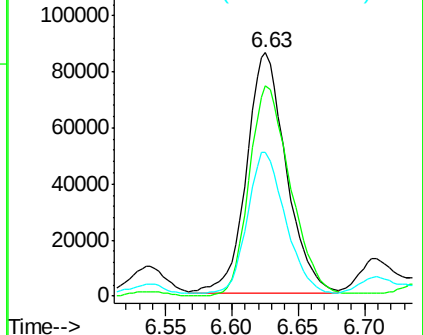
41 100

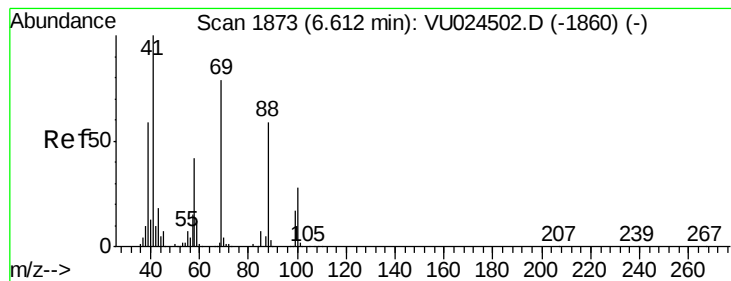
69 91.0 67.3 100.9

39 56.7 46.5 69.7



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





#49

1,4-Dioxane

Concen: 1389.253 ug/l

RT: 6.62 min Scan# 1874

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MS

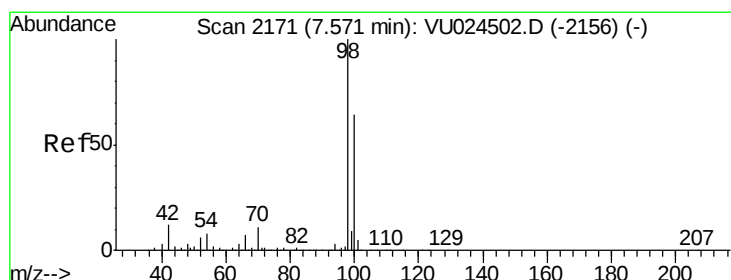
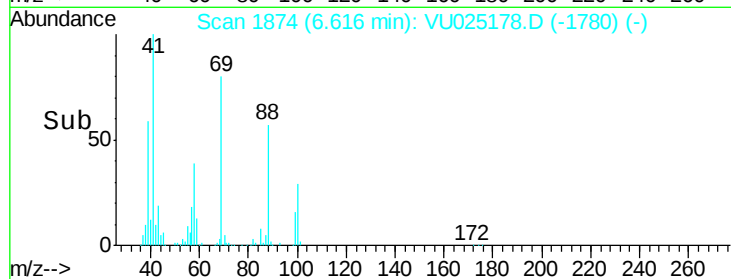
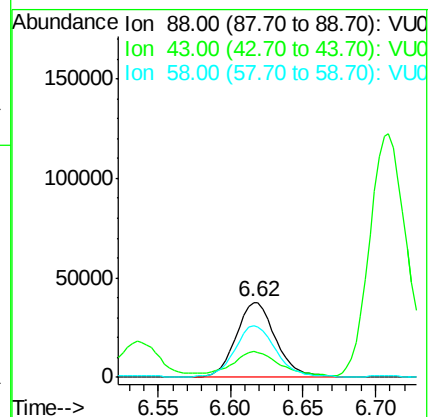
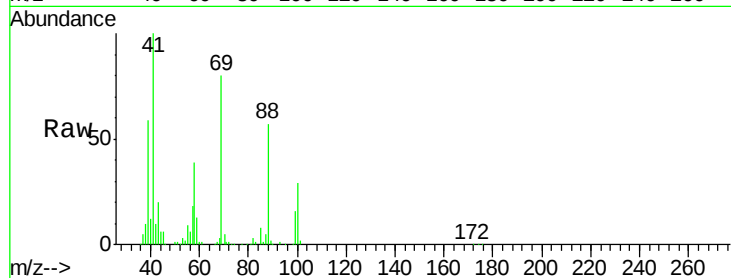
Tot Ion: 88 Resp: 71277

Ion Ratio Lower Upper

88 100

43 38.8 28.6 42.8

58 71.5 58.2 87.4



#50

Toluene-d8

Concen: 46.009 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU025178.D

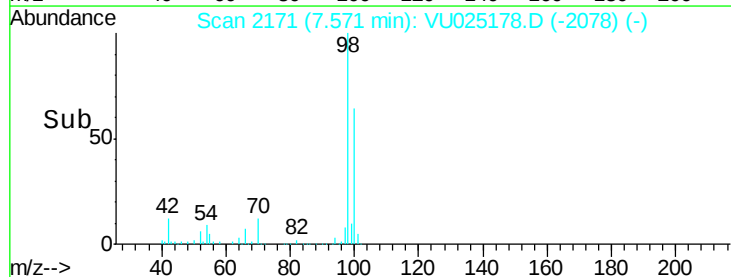
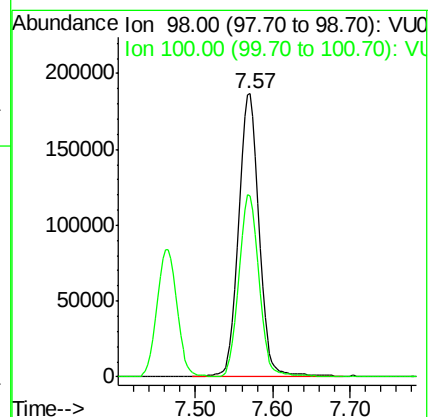
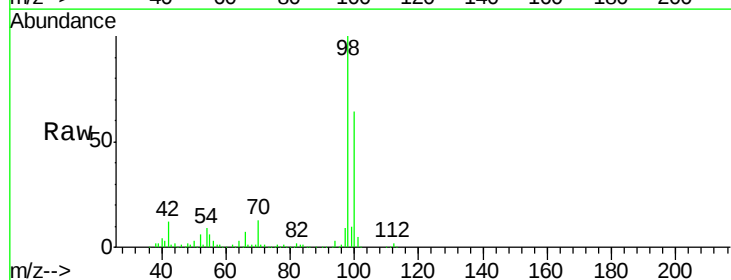
Acq: 03 Jul 2018 06:40

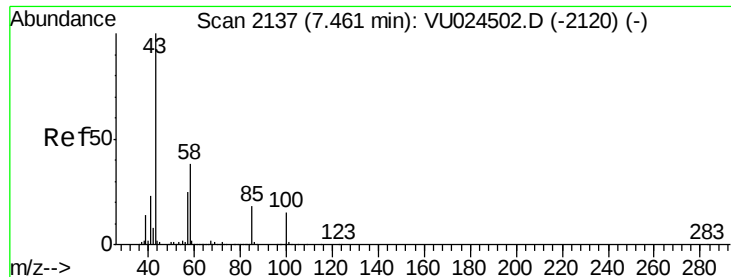
Tgt Ion: 98 Resp: 338957

Ion Ratio Lower Upper

98 100

100 62.6 51.1 76.7

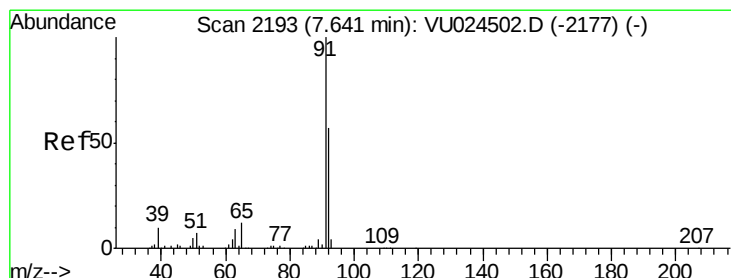
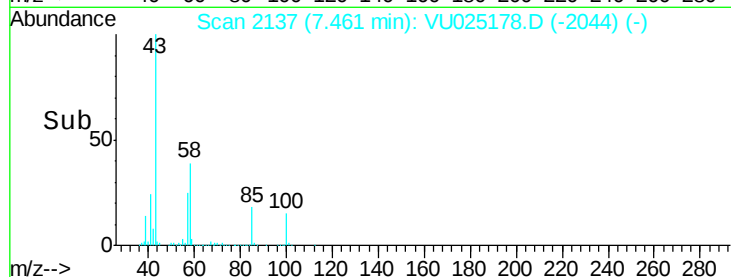
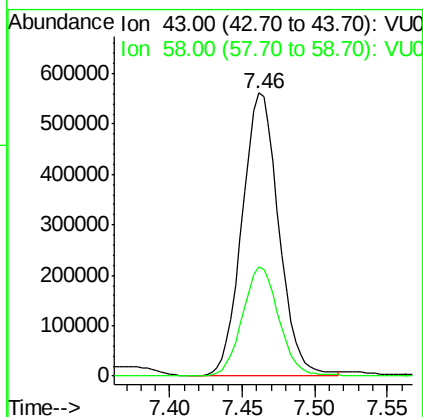
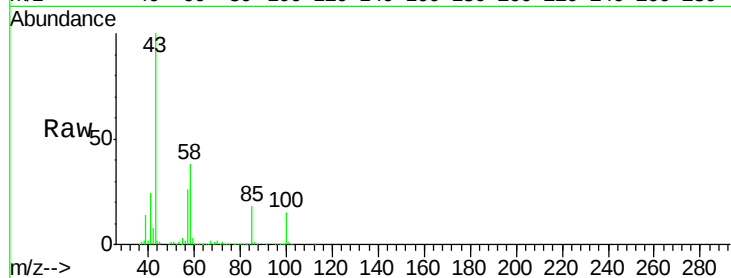




#51
 4-Methyl-2-Pentanone
 Concen: 291.486 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

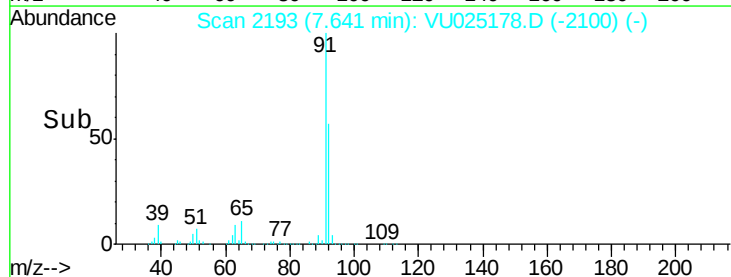
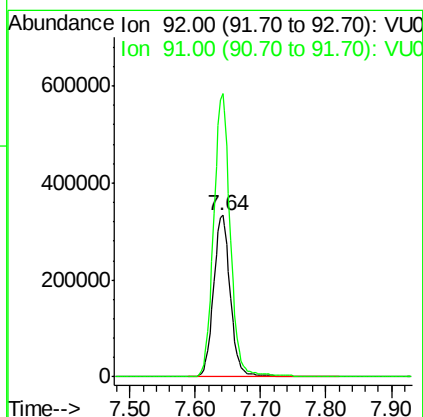
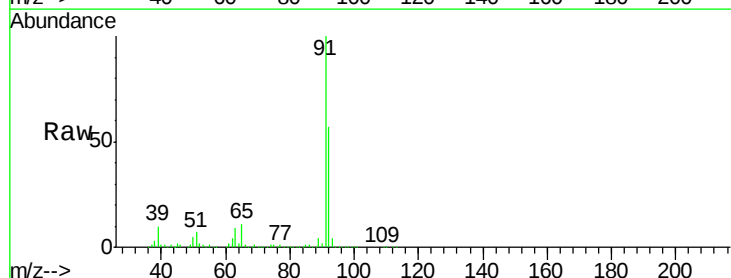
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MS

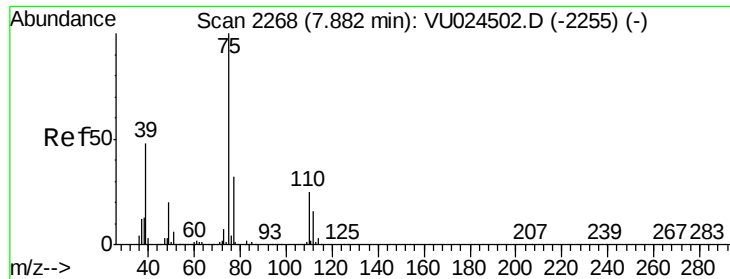
Tot Ion: 43 Resp: 986639
 Ion Ratio Lower Upper
 43 100
 58 38.7 30.0 45.0



#52
 Toluene
 Concen: 113.992 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Tgt Ion: 92 Resp: 597612
 Ion Ratio Lower Upper
 92 100
 91 174.2 140.5 210.7

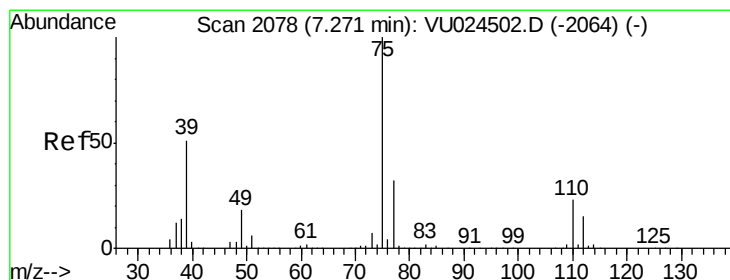
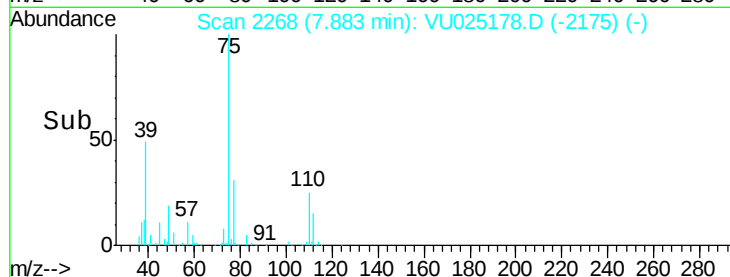
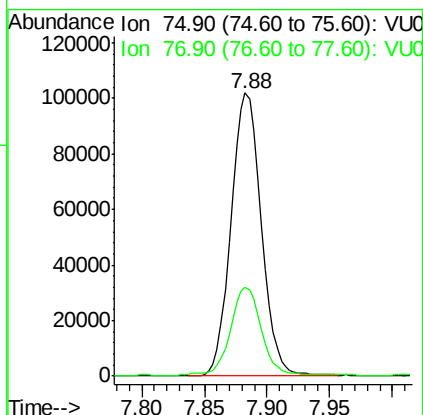
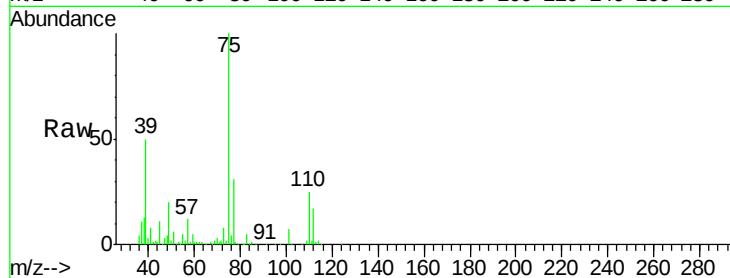




#53
t-1,3-Dichloropropene
Concen: 50.074 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

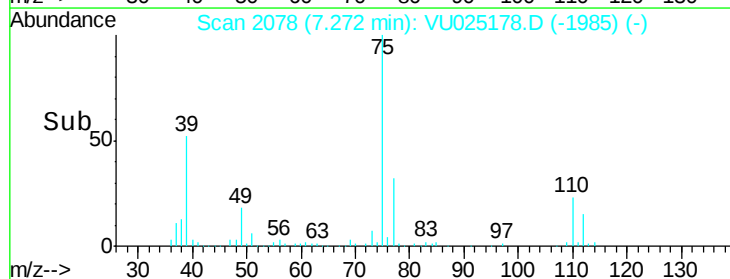
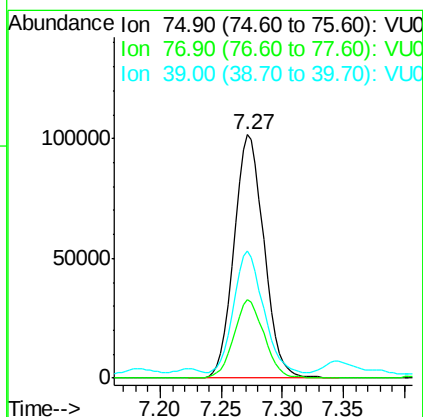
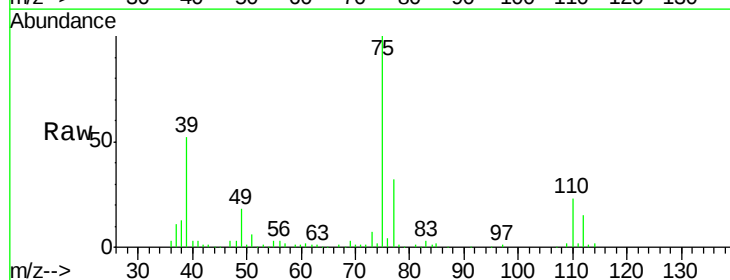
Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818MS

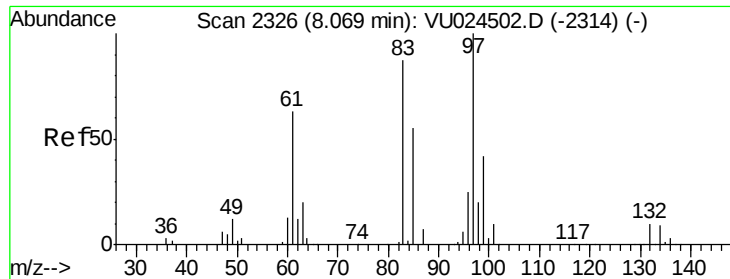
Tot Ion: 75 Resp: 171015
Ion Ratio Lower Upper
75 100
77 30.8 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 47.677 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. 0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Tgt Ion: 75 Resp: 173505
Ion Ratio Lower Upper
75 100
77 31.8 24.6 36.8
39 48.3 39.8 59.6

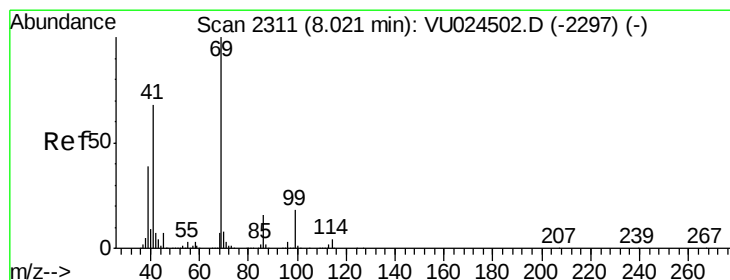
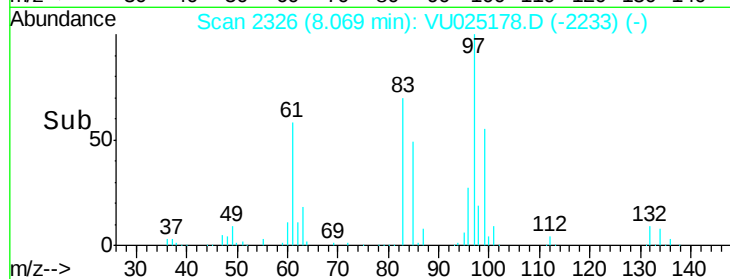
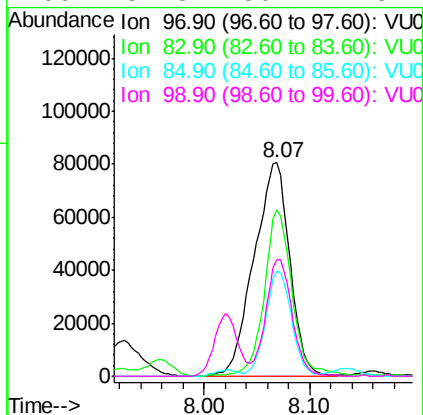
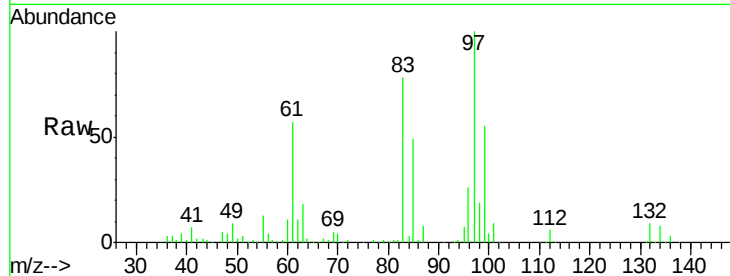




#55
 1,1,2-Trichloroethane
 Concen: 89.173 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

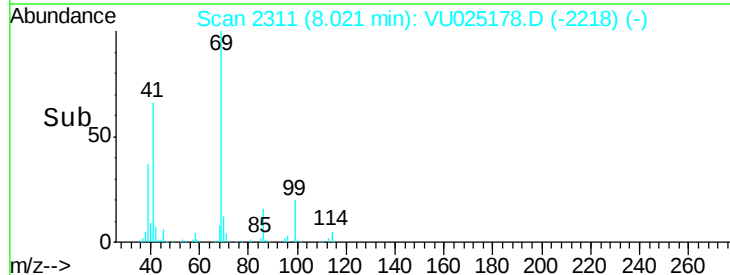
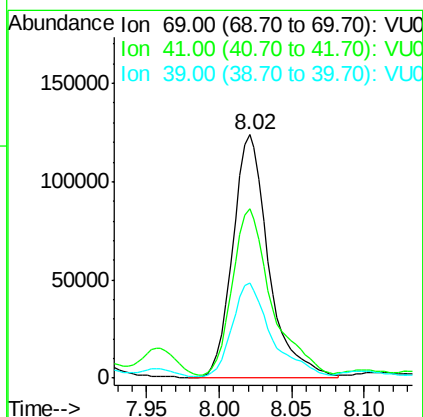
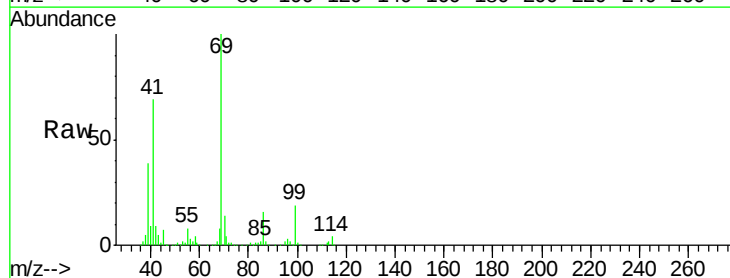
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MS

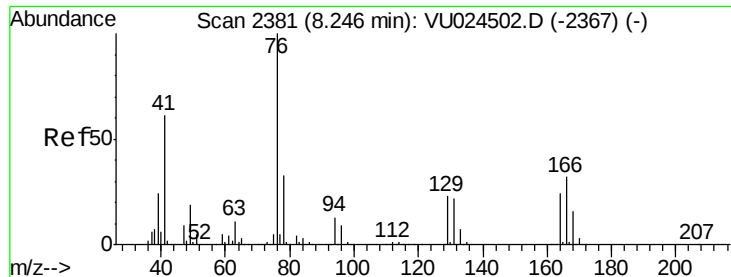
Tot Ion	97	Resp	190033
Ion Ratio	Lower	Upper	
97	100		
83	77.1	70.5	105.7
85	49.0	46.4	69.6
99	54.8	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 59.541 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Tgt Ion	69	Resp	212372
Ion Ratio	Lower	Upper	
69	100		
41	74.3	54.1	81.1
39	42.1	30.3	45.5

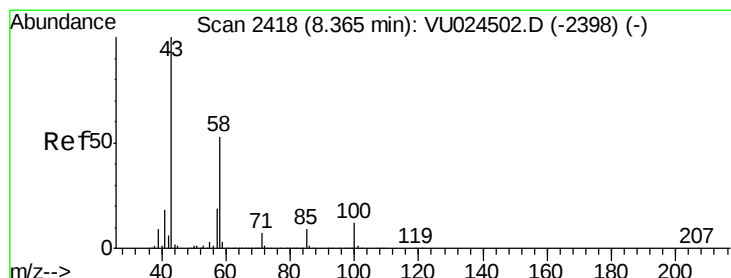
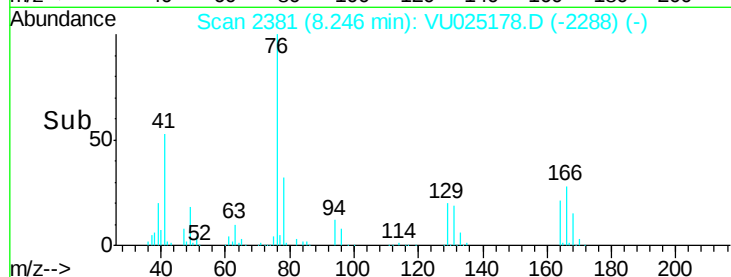
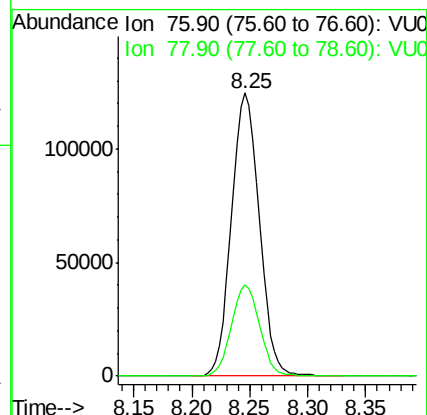
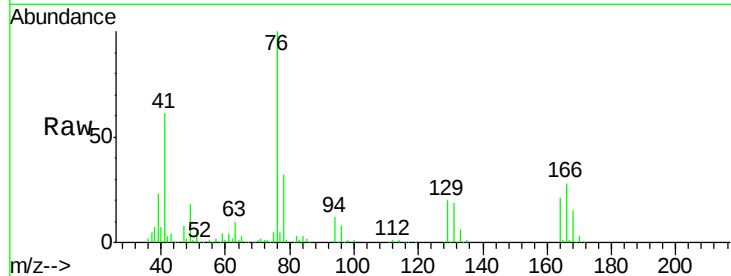




#57
 1,3-Dichloropropane
 Concen: 57.540 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

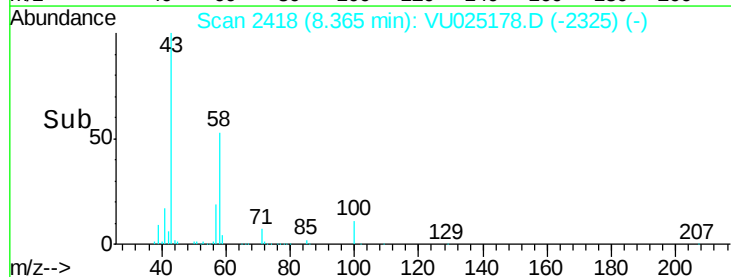
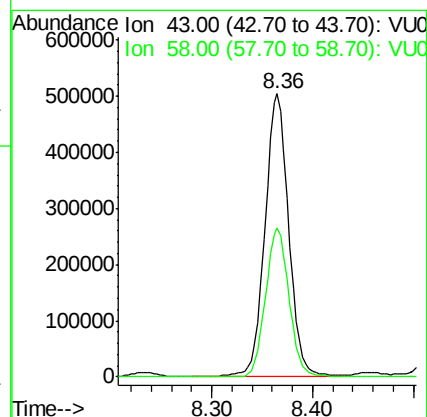
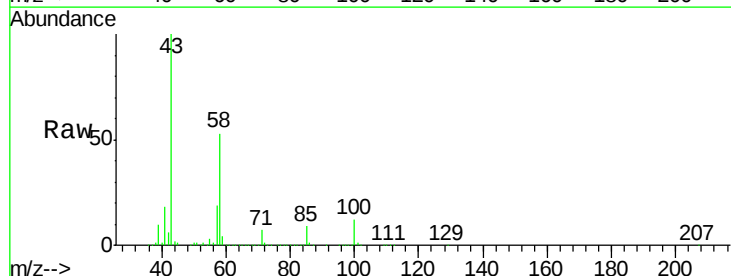
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MS

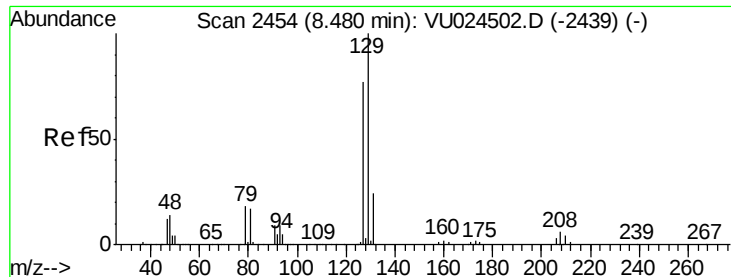
Tot Ion: 76 Resp: 206853
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.2 37.8



#59
 2-Hexanone
 Concen: 297.579 ug/l
 RT: 8.36 min Scan# 2418
 Delta R.T. 0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Tgt Ion: 43 Resp: 822334
 Ion Ratio Lower Upper
 43 100
 58 52.1 26.4 79.0





#60

Dibromochloromethane

Concen: 52.097 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

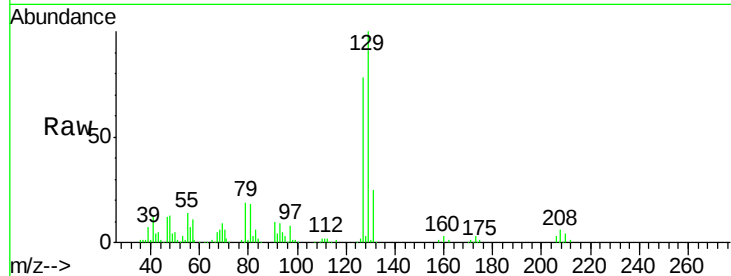
MW-1-062818MS

Tot Ion:129 Resp: 138445

Ion Ratio Lower Upper

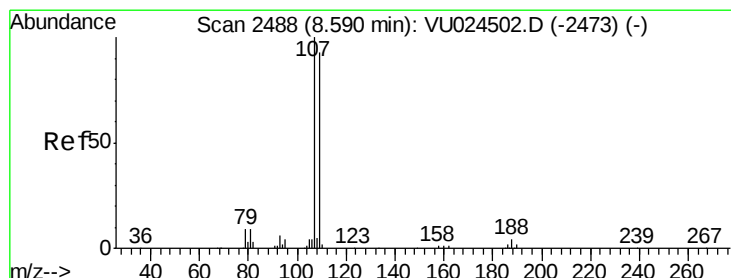
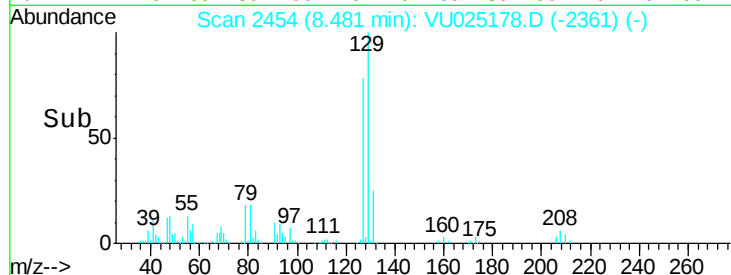
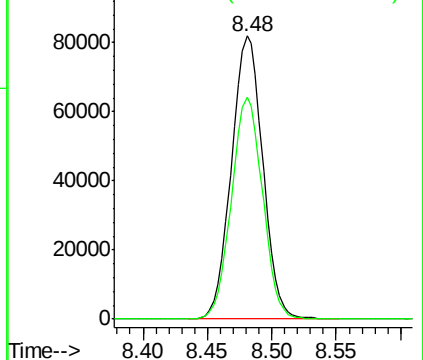
129 100

127 77.9 38.6 116.0



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 57.610 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025178.D

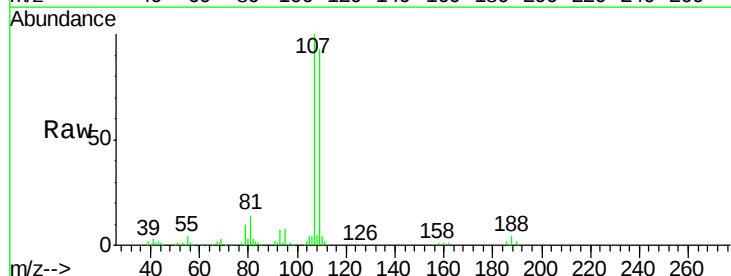
Acq: 03 Jul 2018 06:40

Tgt Ion:107 Resp: 136646

Ion Ratio Lower Upper

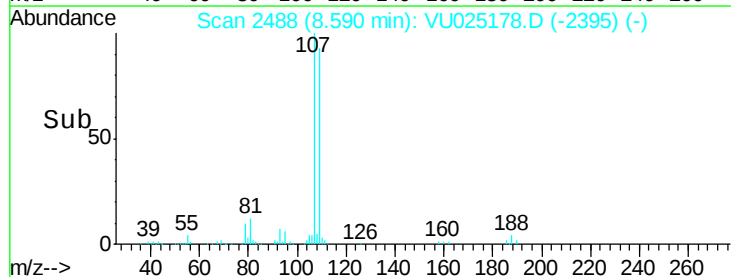
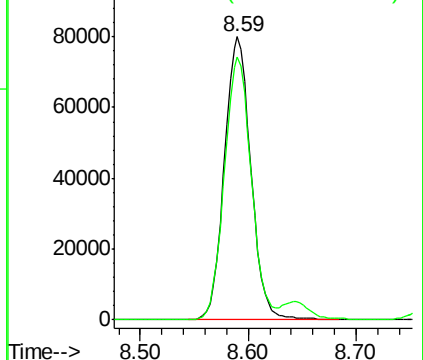
107 100

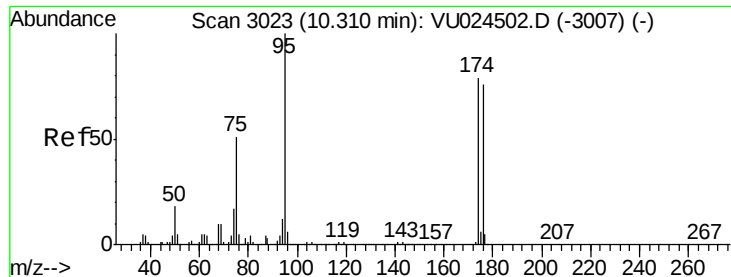
109 94.4 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

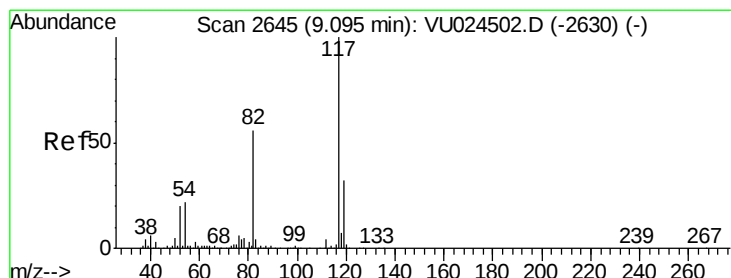
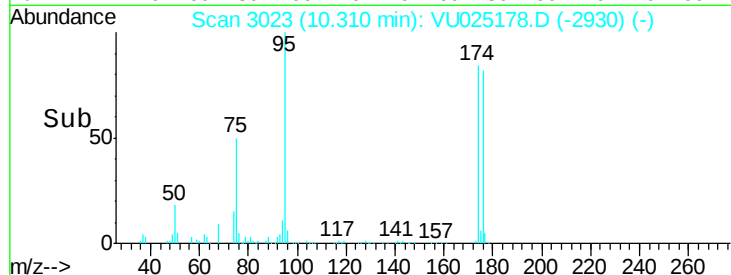
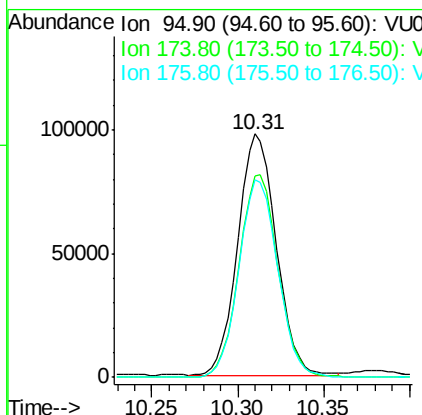
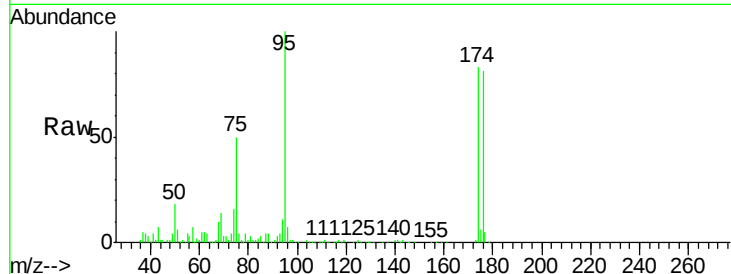




#62
4-Bromofluorobenzene
Concen: 51.840 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

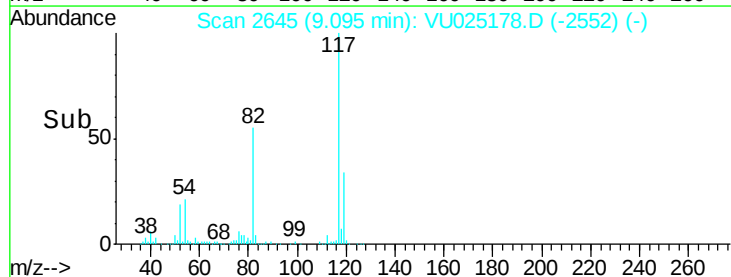
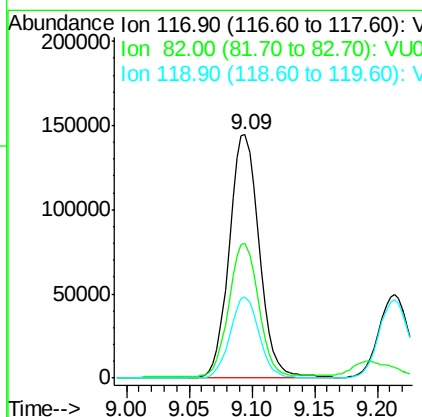
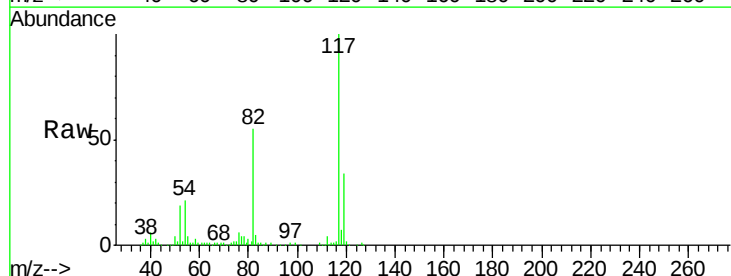
Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818MS

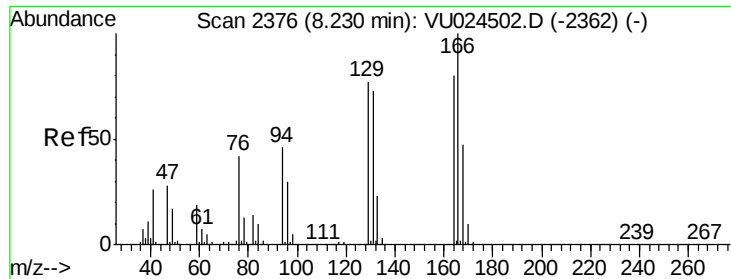
Tot Ion	95	Resp	151636
Ion Ratio	Lower	Upper	
95	100		
174	85.4	0.0	165.8
176	83.3	0.0	159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Tgt Ion	117	Resp	240292
Ion Ratio	Lower	Upper	
117	100		
82	54.2	44.3	66.5
119	33.5	25.4	38.2

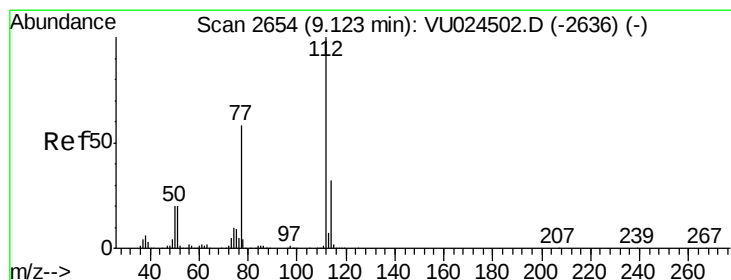
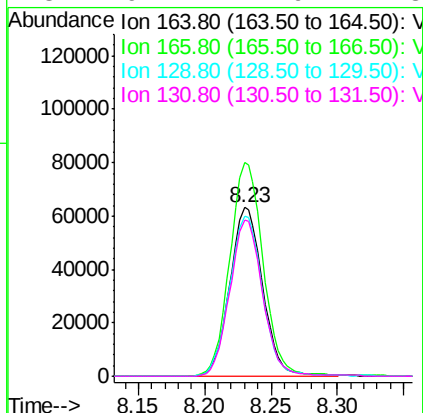
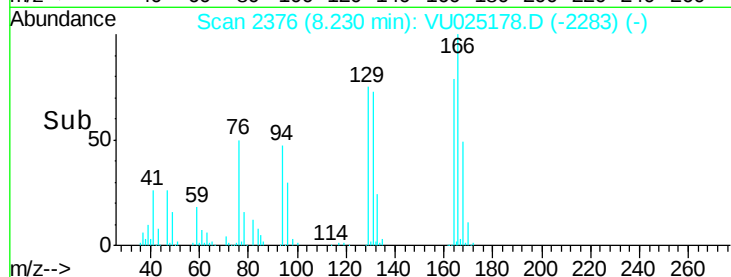
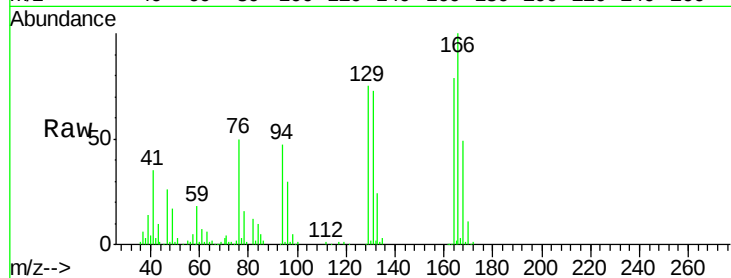




#64
Tetrachloroethene
Concen: 47.770 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

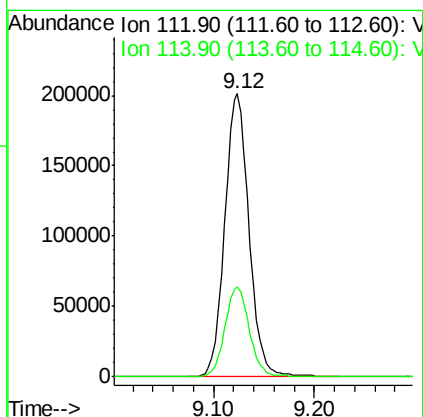
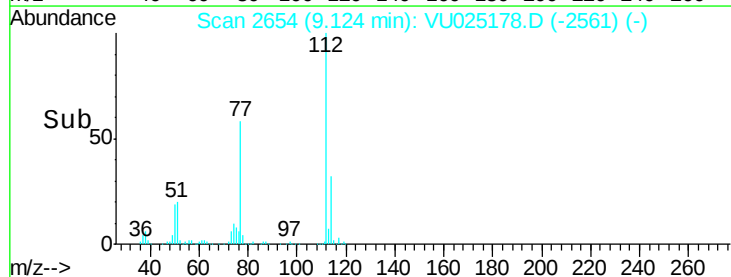
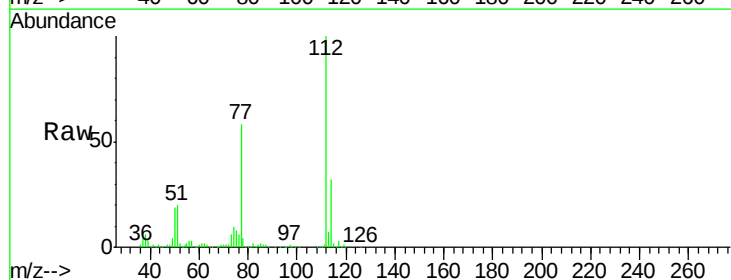
Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818MS

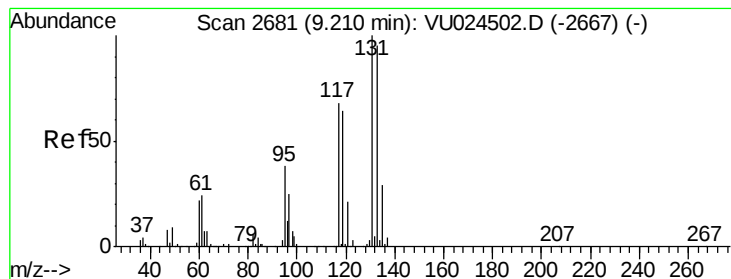
Tot Ion:164	Resp:	109110
Ion	Ratio	Lower Upper
164	100	
166	126.6	101.7 152.5
129	94.8	76.9 115.3
131	92.7	74.9 112.3



#65
Chlorobenzene
Concen: 55.112 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Tgt Ion:112	Resp:	338311
Ion	Ratio	Lower Upper
112	100	
114	31.6	25.6 38.4





#66

1,1,1,2-Tetrachloroethane

Concen: 52.796 ug/l

RT: 9.21 min Scan# 2682

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MS

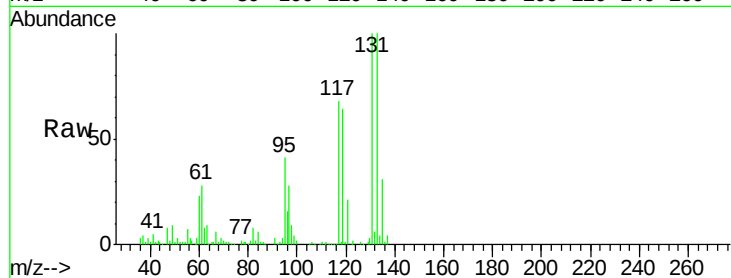
Tot Ion:131 Resp: 123129

Ion Ratio Lower Upper

131 100

133 99.3 46.9 140.8

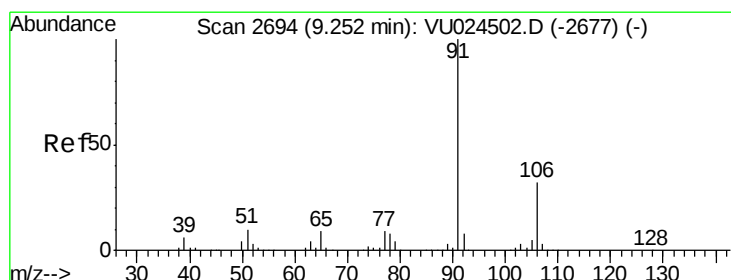
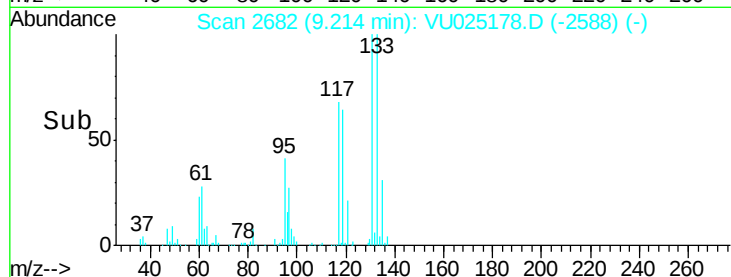
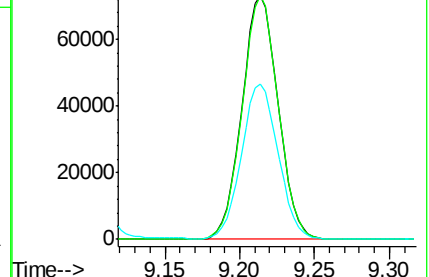
119 64.7 33.5 100.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 1117.600 ug/l

RT: 9.26 min Scan# 2696

Delta R.T. 0.01 min

Lab File: VU025178.D

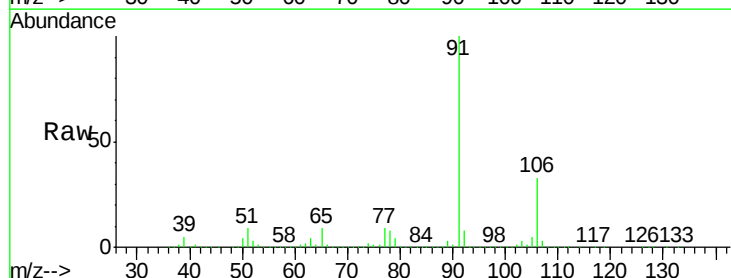
Acq: 03 Jul 2018 06:40

Tgt Ion: 91 Resp:12026942

Ion Ratio Lower Upper

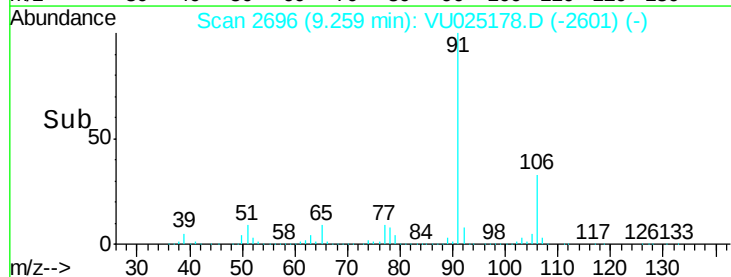
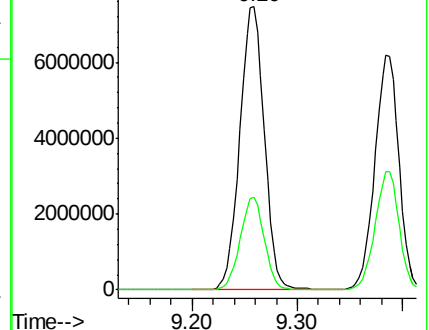
91 100

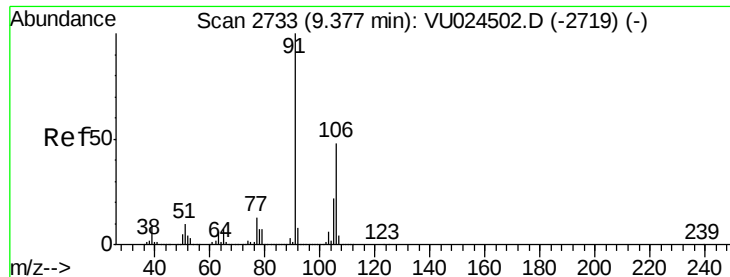
106 32.8 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

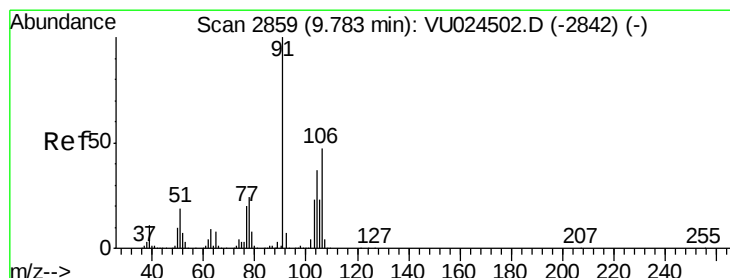
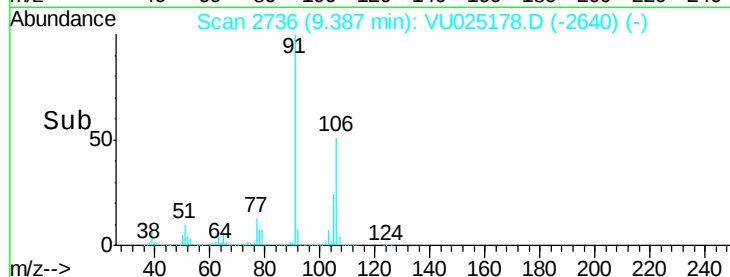
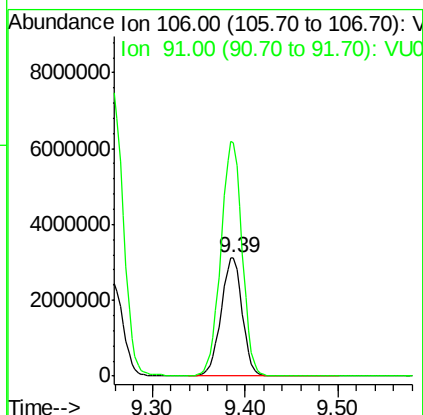
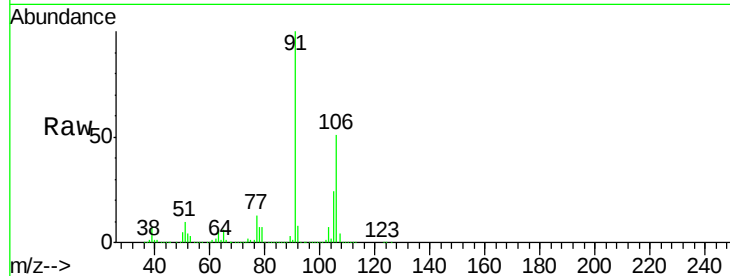




#68
m/p-Xylenes
Concen: 1192.841 ug/l
RT: 9.39 min Scan# 2736
Delta R.T. 0.01 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

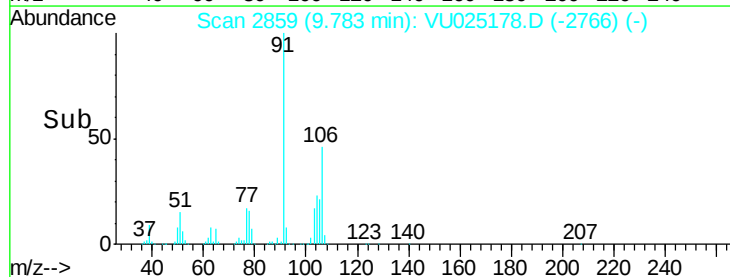
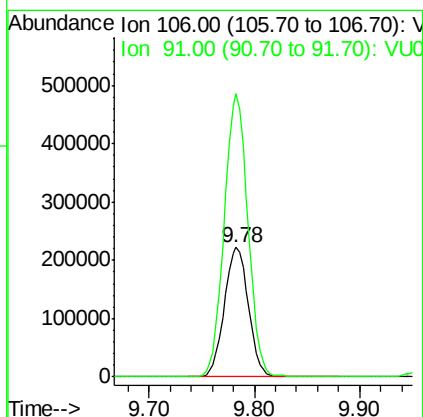
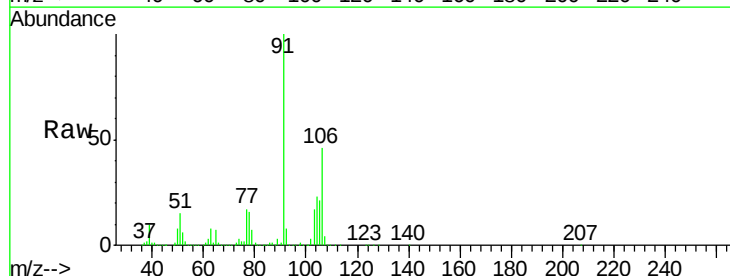
Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818MS

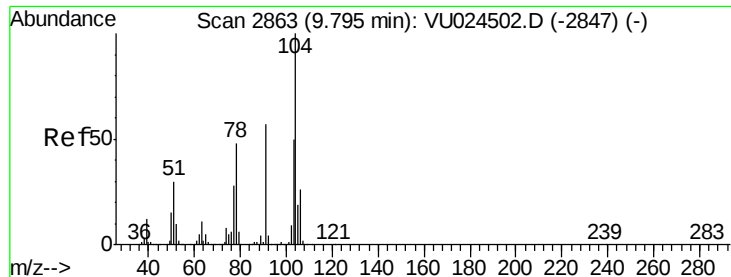
Tot Ion:106 Resp: 4929269
Ion Ratio Lower Upper
106 100
91 199.1 166.5 249.7



#69
o-Xylene
Concen: 85.721 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Tgt Ion:106 Resp: 350570
Ion Ratio Lower Upper
106 100
91 214.5 110.7 331.9

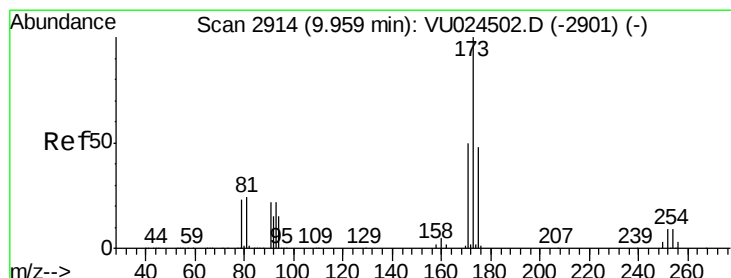
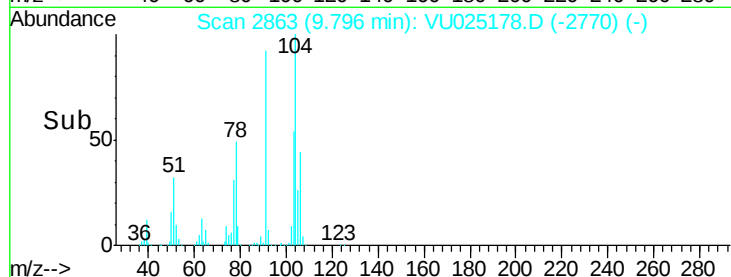
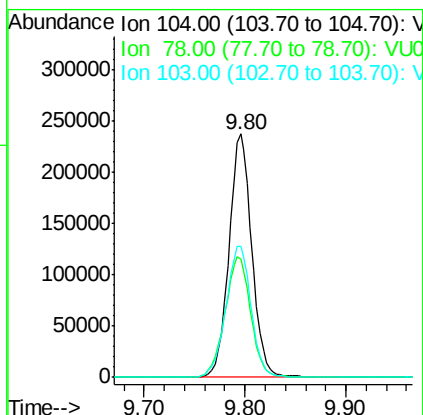
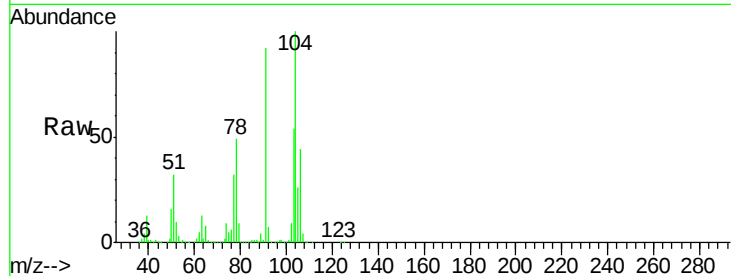




#70
Stvrene
Concen: 55.685 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

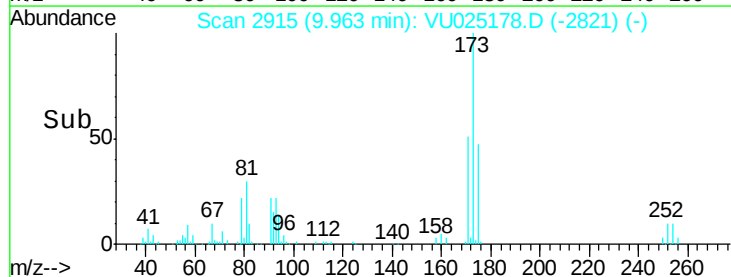
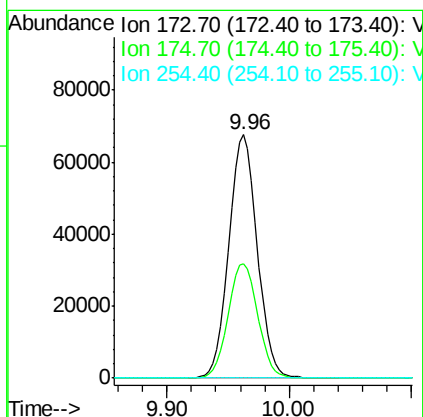
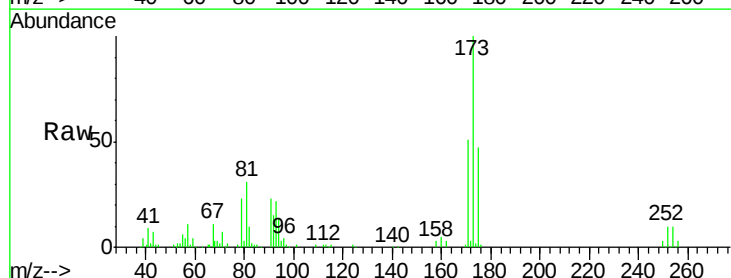
Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818MS

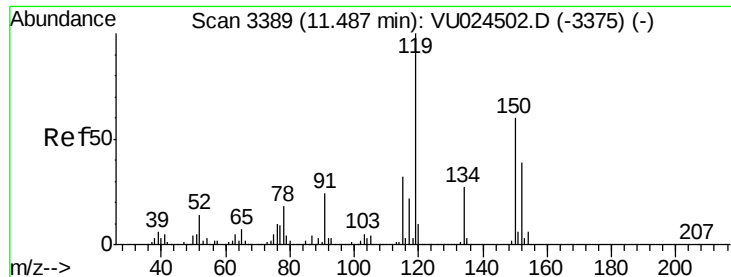
Tot Ion:104 Resp: 374245
Ion Ratio Lower Upper
104 100
78 56.0 40.6 60.8
103 59.7 44.7 67.1



#71
Bromoform
Concen: 49.633 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU025178.D
Acq: 03 Jul 2018 06:40

Tgt Ion:173 Resp: 110023
Ion Ratio Lower Upper
173 100
175 48.9 24.6 74.0
254 0.1 0.0 0.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MS

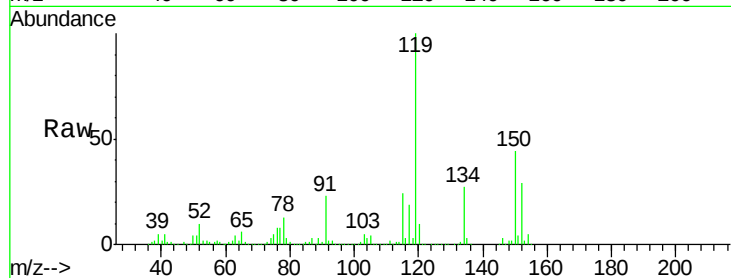
Tot Ion:152 Resp: 158095

Ion Ratio Lower Upper

152 100

115 87.1 43.0 129.0

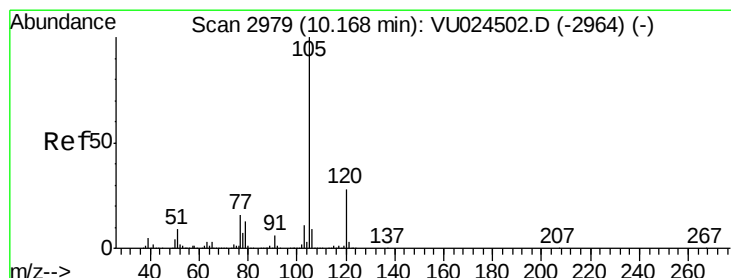
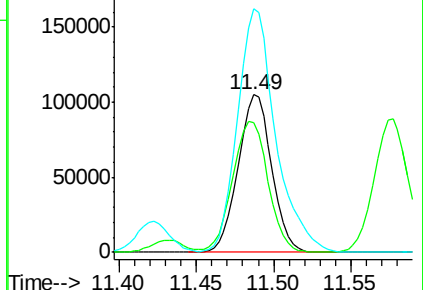
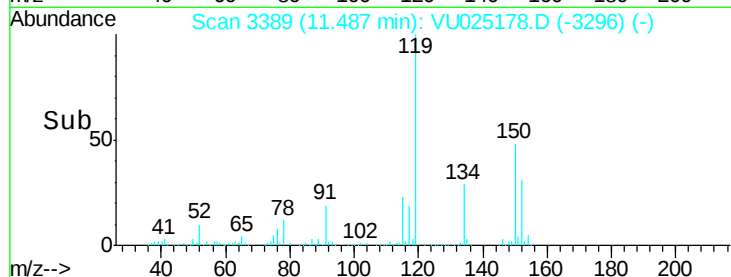
150 175.9 0.0 354.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 110.317 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025178.D

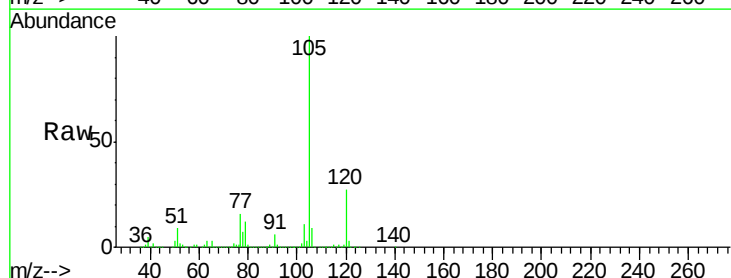
Acq: 03 Jul 2018 06:40

Tgt Ion:105 Resp: 1339015

Ion Ratio Lower Upper

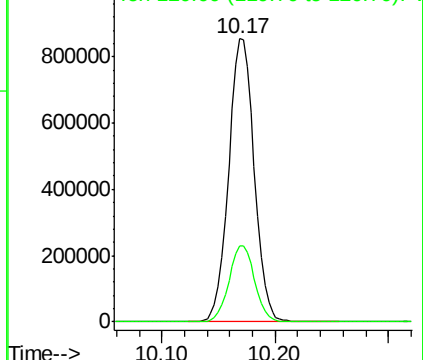
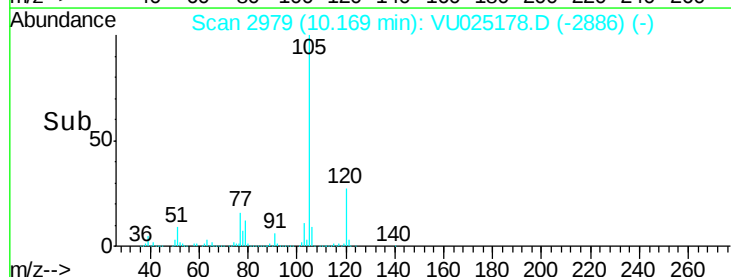
105 100

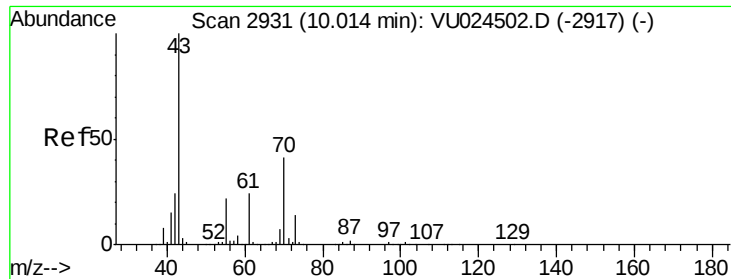
120 27.0 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 45.780 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

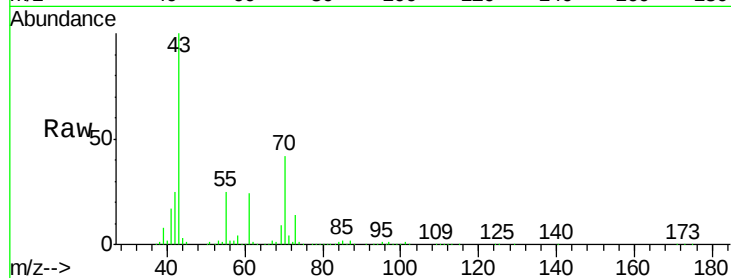
ClientSampleId :

MW-1-062818MS

Tot Ion: 43 Resp: 264304

Ion Ratio Lower Upper

43	100		
70	41.4	32.2	48.4
55	31.1	20.5	30.7
61	23.0	18.7	28.1

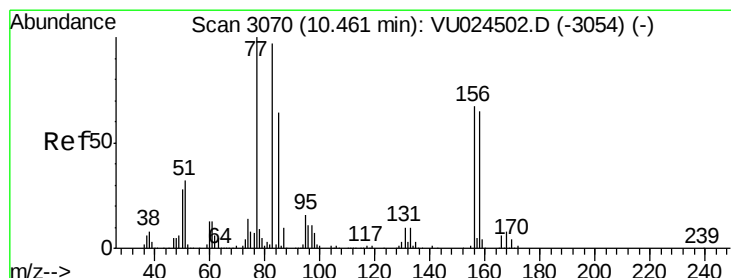
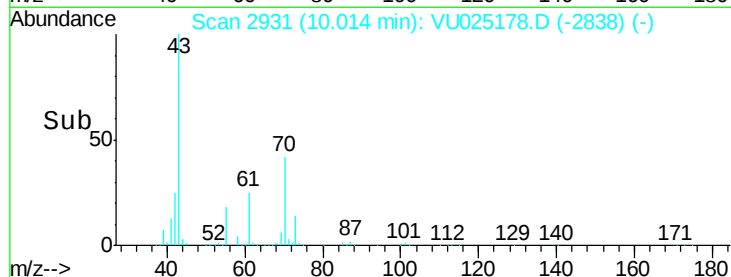
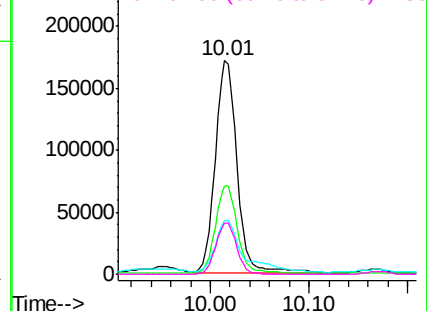


Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-2917) (-)

Ion 70.00 (69.70 to 70.70): VU024502.D (-2917) (-)

Ion 55.00 (54.70 to 55.70): VU024502.D (-2917) (-)

Ion 61.00 (60.70 to 61.70): VU024502.D (-2917) (-)



#75

1,1,2,2-Tetrachloroethane

Concen: 53.276 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

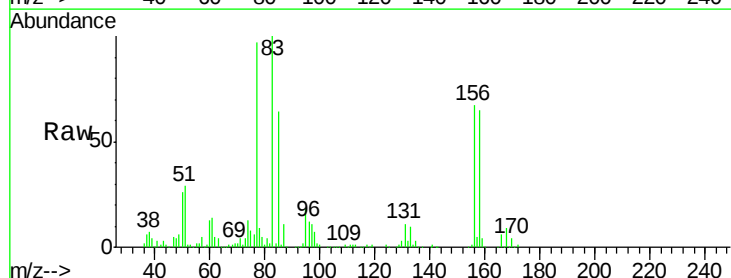
Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Tgt Ion: 83 Resp: 216696

Ion Ratio Lower Upper

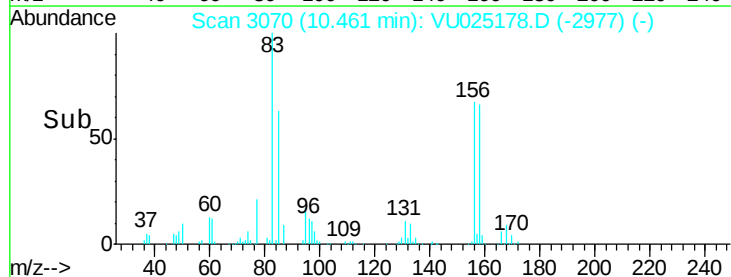
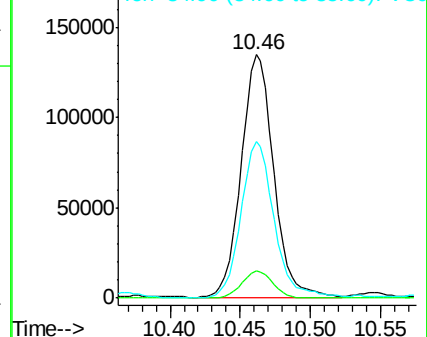
83	100		
131	10.8	4.7	14.1
85	65.7	32.5	97.5

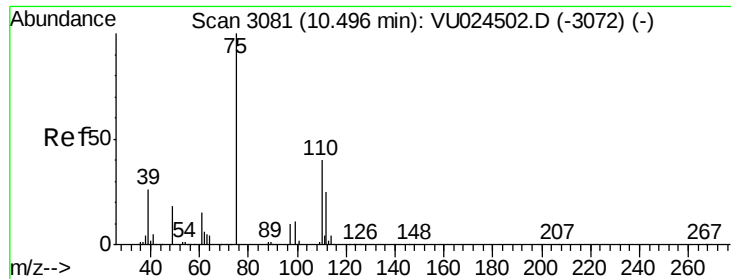


Abundance Ion 82.90 (82.60 to 83.60): VU024502.D (-3054) (-)

Ion 130.80 (130.50 to 131.50): VU024502.D (-3054) (-)

Ion 84.90 (84.60 to 85.60): VU024502.D (-3054) (-)





#76

1,2,3-Trichloropropane

Concen: 67.409 ug/l

RT: 10.50 min Scan# 3082

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

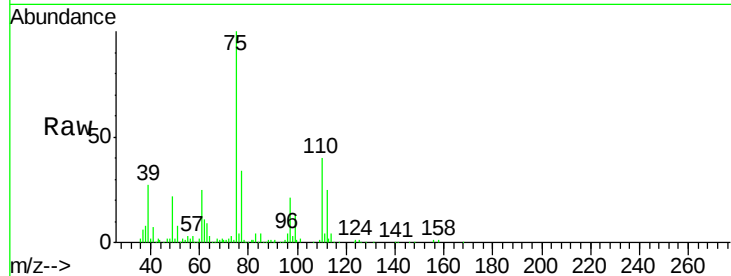
MW-1-062818MS

Tot Ion: 75 Resp: 234629

Ion Ratio Lower Upper

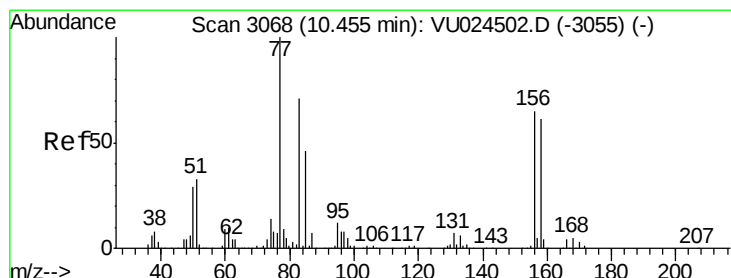
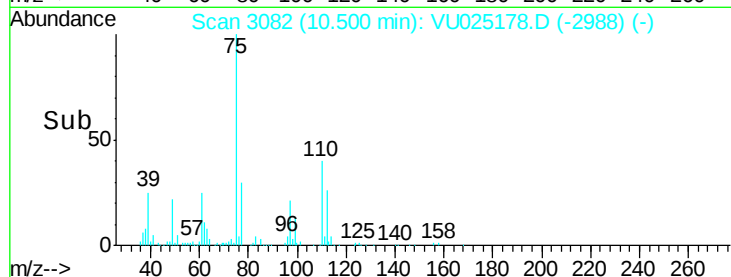
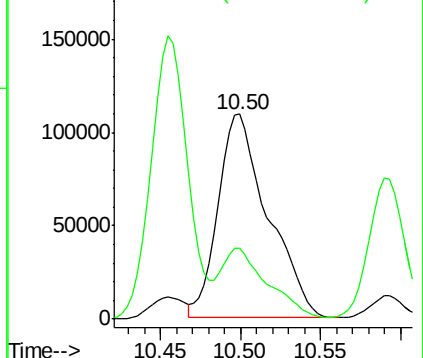
75 100

77 30.4 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0



#77

Bromobenzene

Concen: 52.785 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

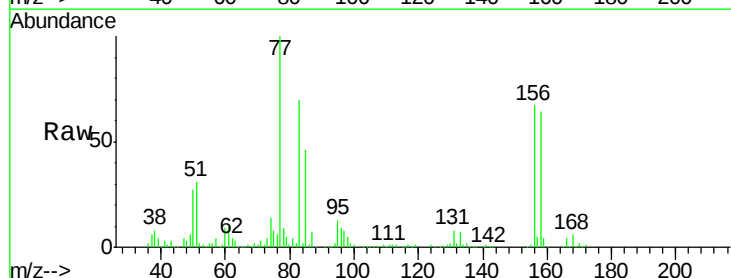
Tgt Ion: 156 Resp: 162201

Ion Ratio Lower Upper

156 100

77 148.6 80.5 241.3

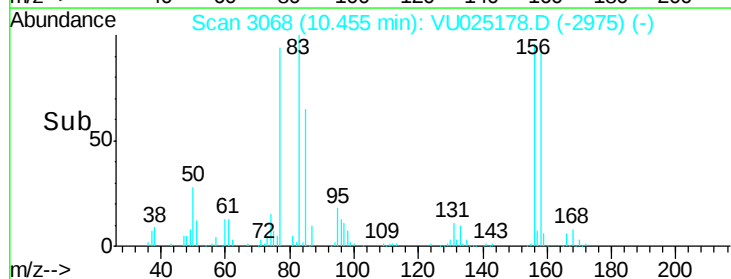
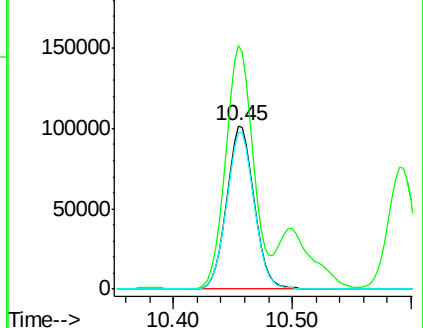
158 96.7 48.2 144.6

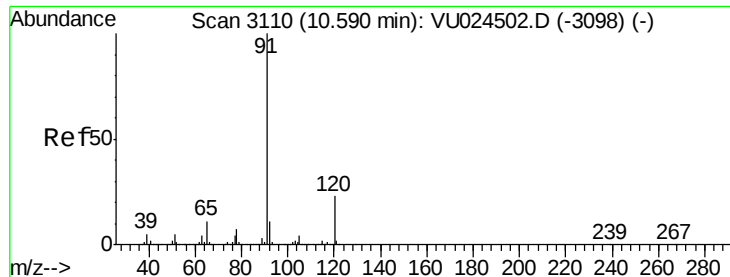


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 201.382 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

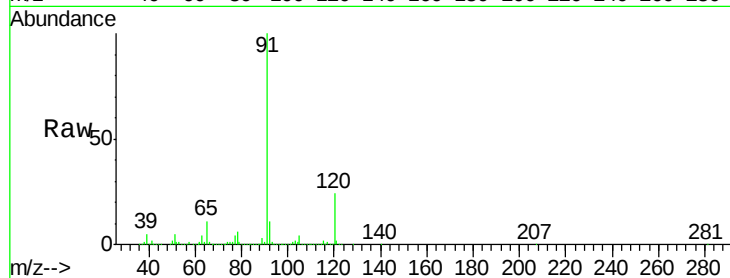
MW-1-062818MS

Tot Ion: 91 Resp: 2879420

Ion Ratio Lower Upper

91 100

120 23.9 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

2000000

1500000

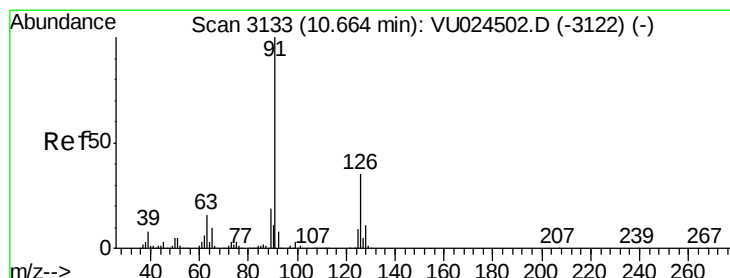
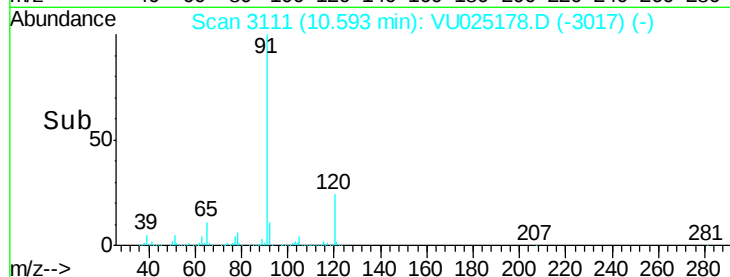
1000000

500000

0

10.55 10.60 10.65

Time-->



#79

2-Chlorotoluene

Concen: 55.195 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025178.D

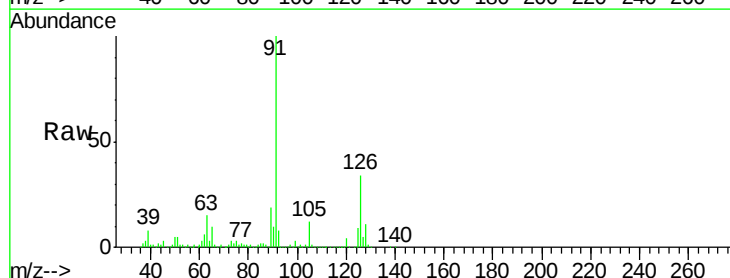
Acq: 03 Jul 2018 06:40

Tgt Ion: 91 Resp: 465404

Ion Ratio Lower Upper

91 100

126 31.1 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

1200000

1000000

800000

600000

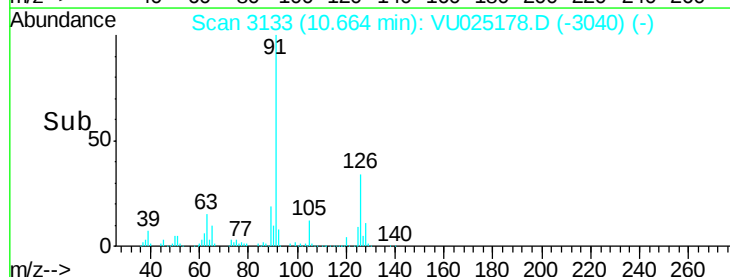
400000

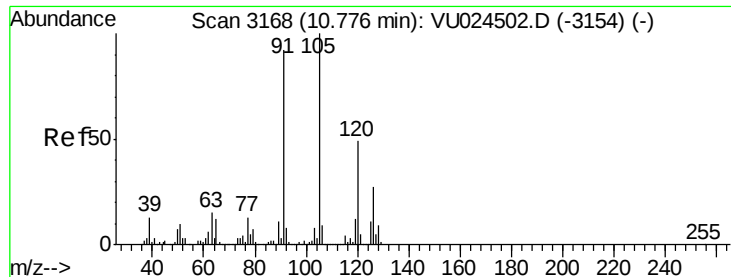
200000

0

10.65 10.70

Time-->

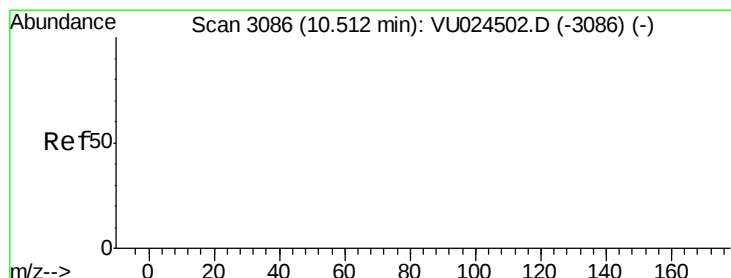
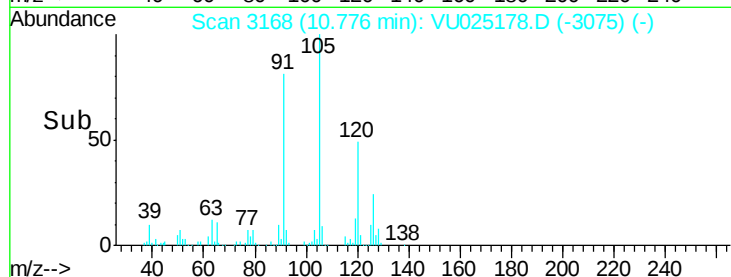
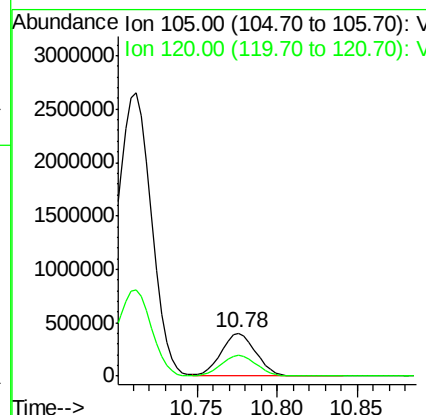
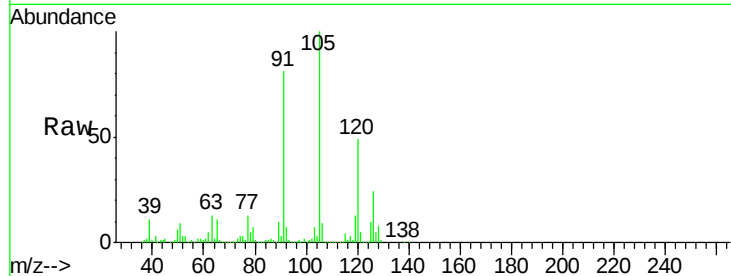




#80
 1,3,5-Trimethylbenzene
 Concen: 57.037 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

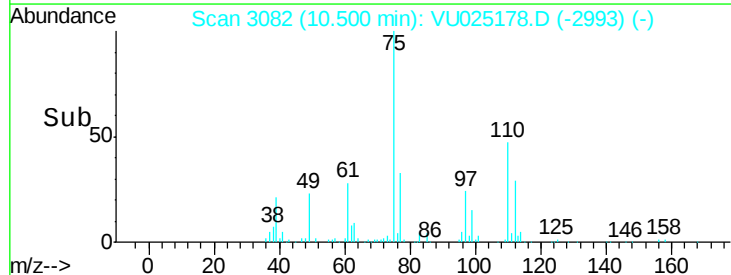
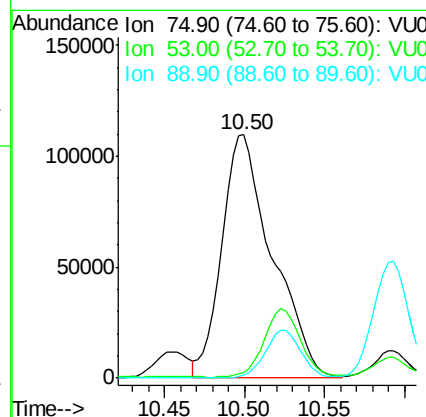
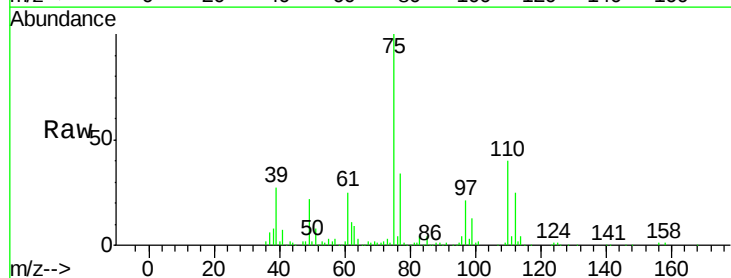
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MS

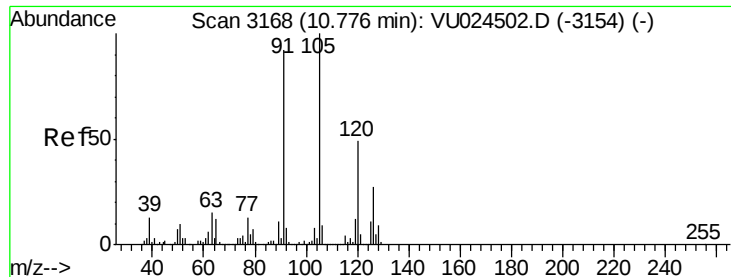
Tot Ion:105 Resp: 600055
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.1 72.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 157.385 ug/l
 RT: 10.50 min Scan# 3082
 Delta R.T. -0.01 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Tgt Ion: 75 Resp: 236693
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0





#82

4-Chlorotoluene

Concen: 50.475 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

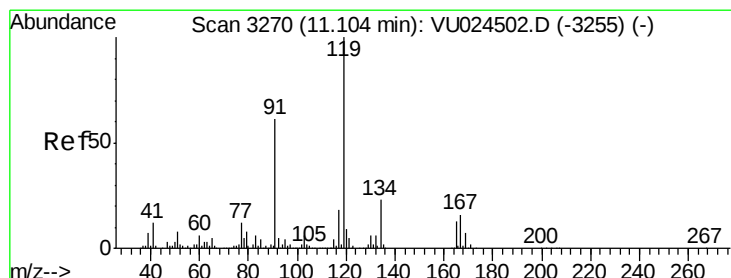
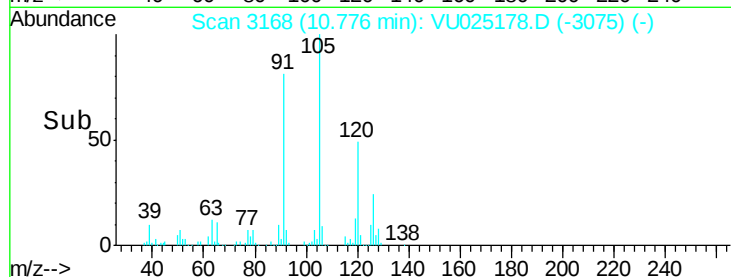
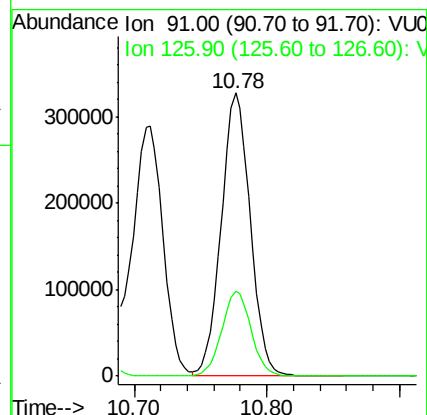
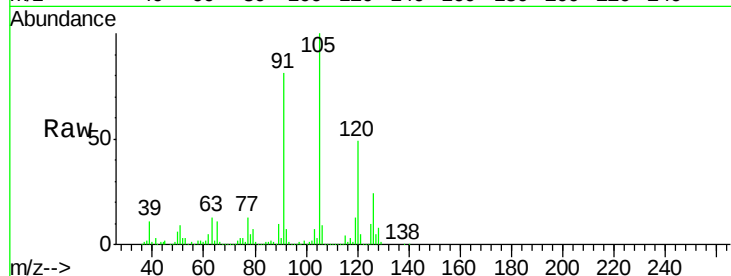
MW-1-062818MS

Tot Ion: 91 Resp: 495364

Ion Ratio Lower Upper

91 100

126 30.2 14.9 44.9



#83

tert-Butylbenzene

Concen: 49.316 ug/l

RT: 11.11 min Scan# 3271

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

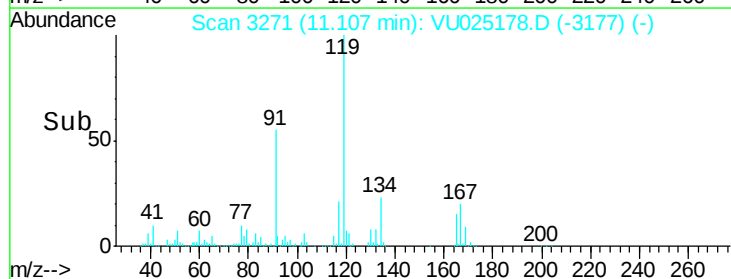
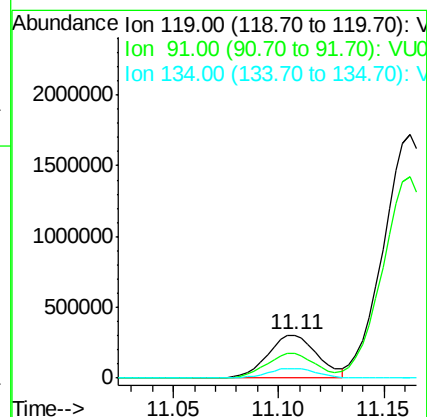
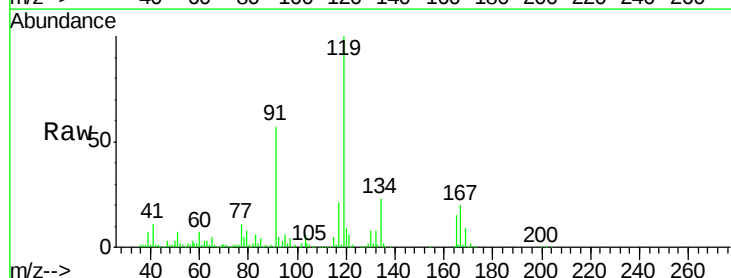
Tgt Ion: 119 Resp: 499078

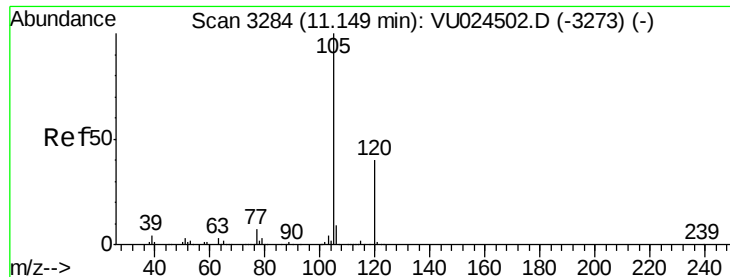
Ion Ratio Lower Upper

119 100

91 56.7 29.7 89.1

134 22.8 11.6 34.7

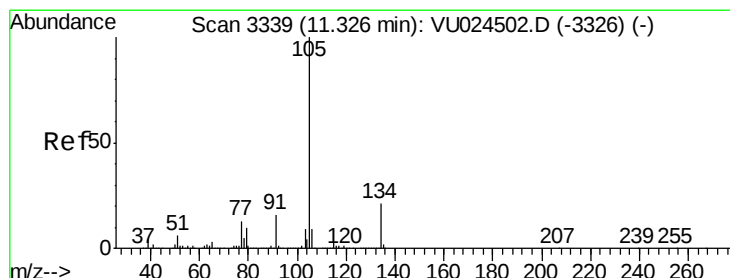
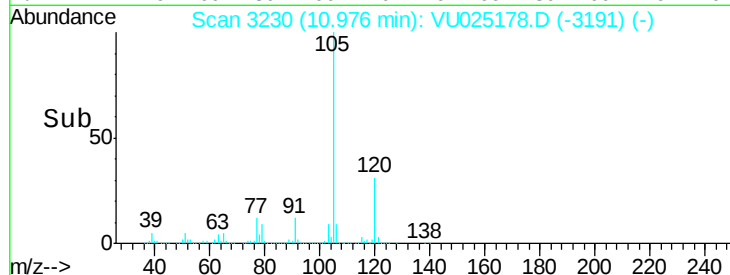
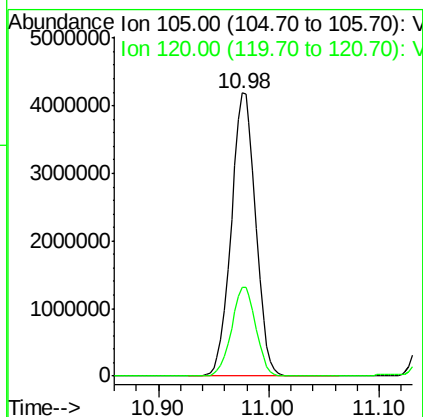
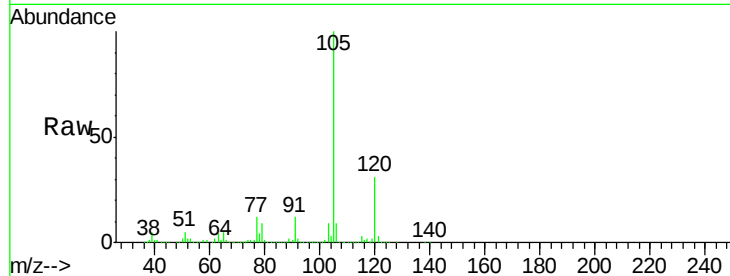




#84
 1,2,4-Trimethylbenzene
 Concen: 598.244 ug/l
 RT: 10.98 min Scan# 3230
 Delta R.T. -0.17 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

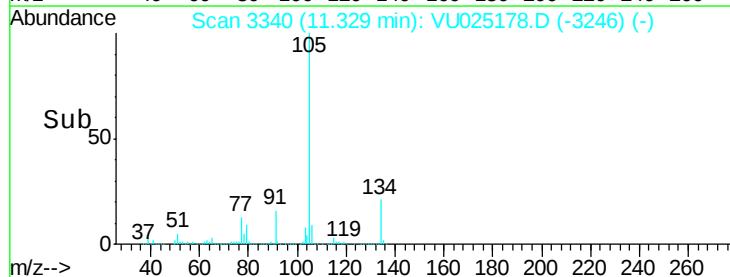
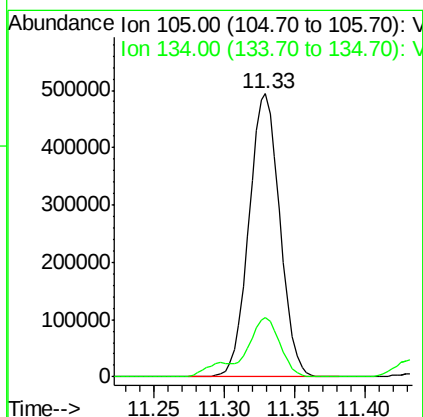
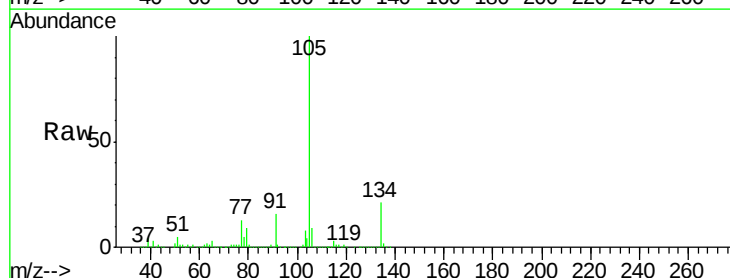
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MS

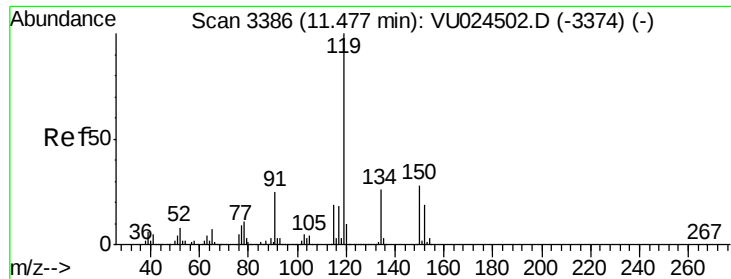
Tot Ion:105 Resp: 6413959
 Ion Ratio Lower Upper
 105 100
 120 31.3 22.6 67.8



#85
 sec-Butylbenzene
 Concen: 59.753 ug/l
 RT: 11.33 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Tgt Ion:105 Resp: 756923
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.7 29.1





#86

p-Isopropyltoluene

Concen: 57.721 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MS

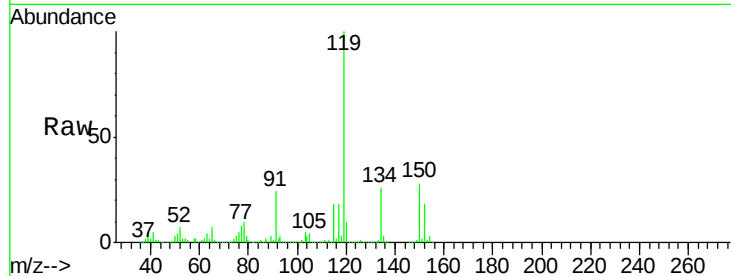
Tot Ion:119 Resp: 654848

Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.6

91 23.9 12.0 36.1

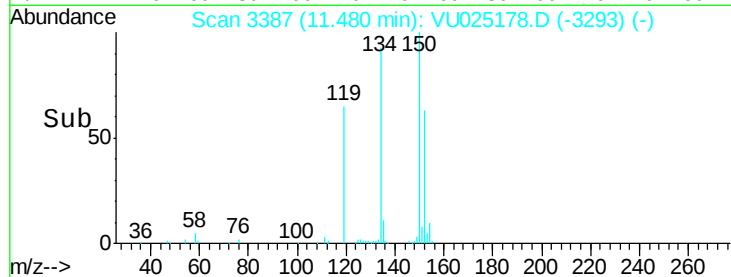


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

Time-->



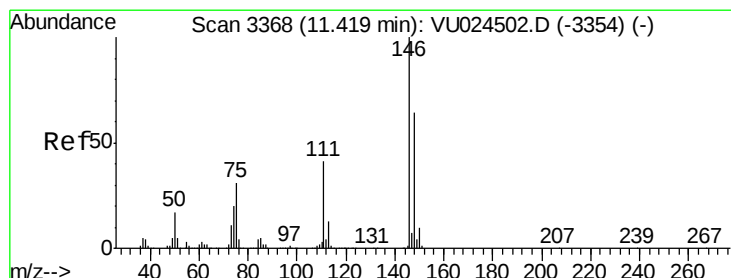
Abundance

Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

Time-->



#87

1,3-Dichlorobenzene

Concen: 52.679 ug/l

RT: 11.42 min Scan# 3369

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

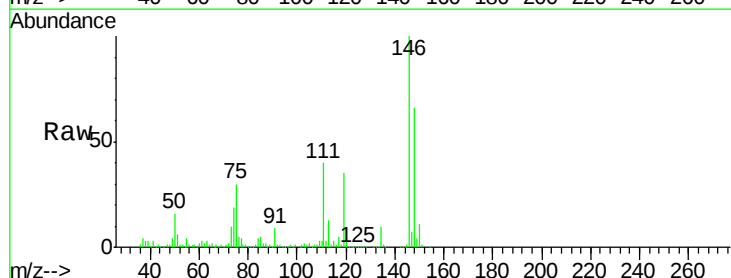
Tgt Ion:146 Resp: 299067

Ion Ratio Lower Upper

146 100

111 39.8 20.0 60.0

148 64.3 32.1 96.5

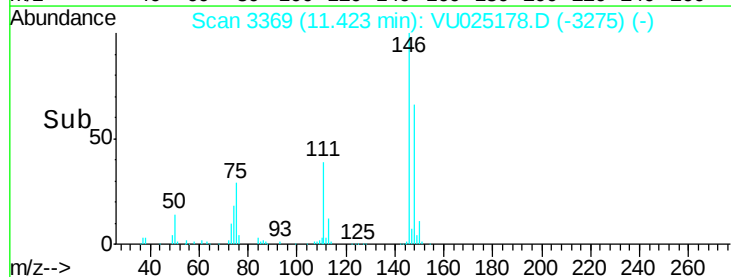


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

Time-->



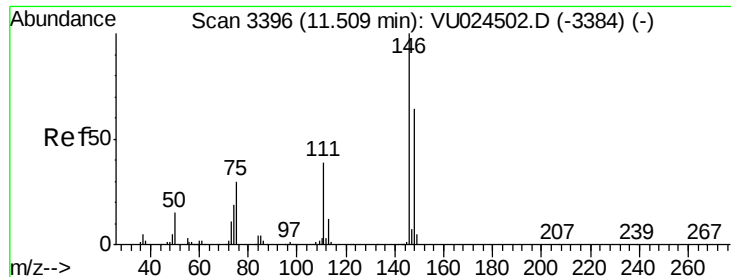
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

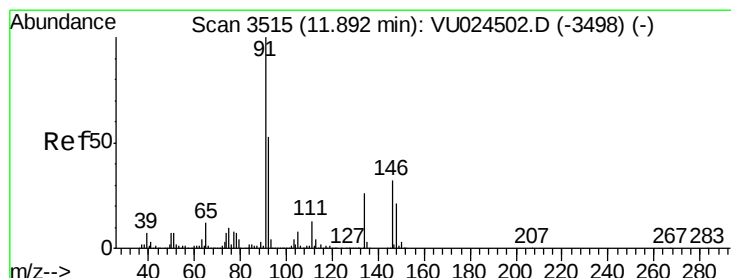
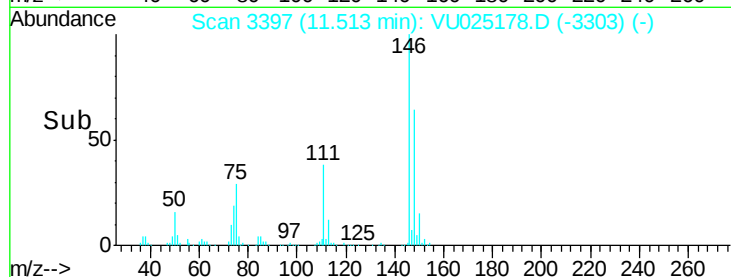
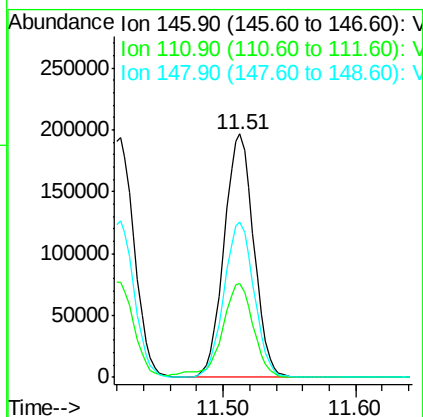
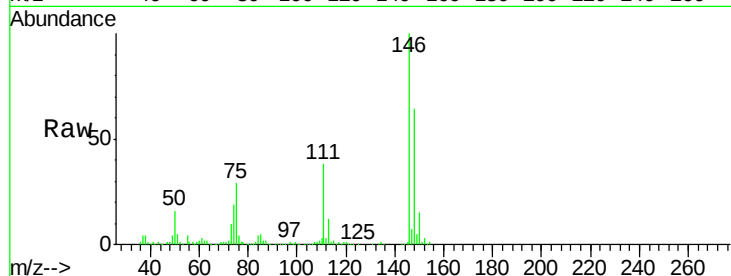
Time-->



#88
 1,4-Dichlorobenzene
 Concen: 53.288 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

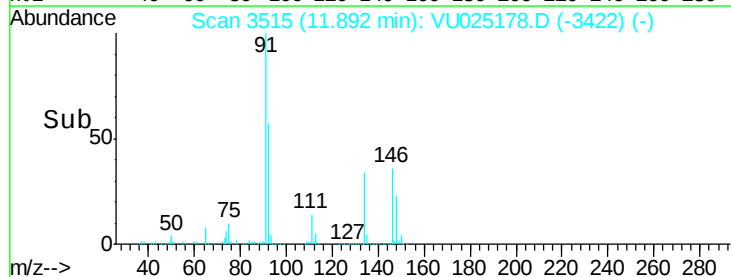
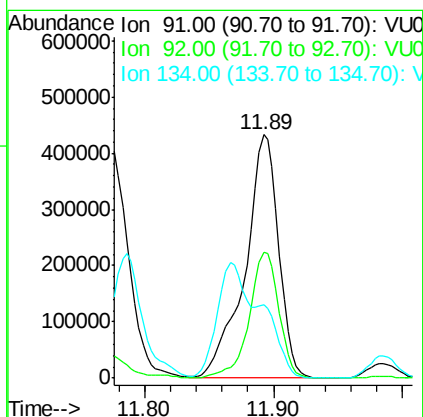
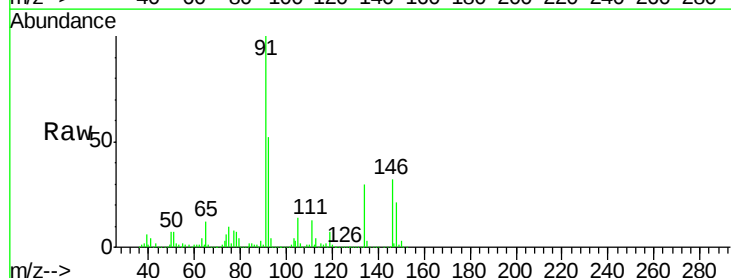
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MS

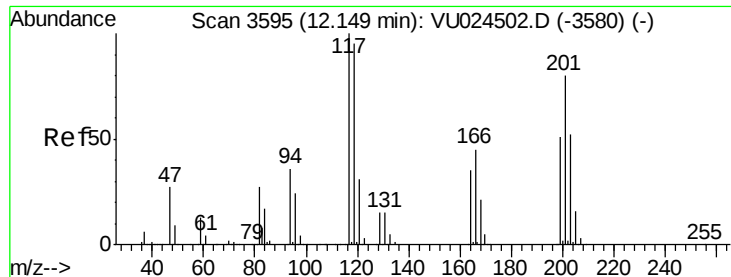
Tot Ion:146 Resp: 304492
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.5 58.5
 148 64.6 32.4 97.0



#89
 n-Butylbenzene
 Concen: 77.635 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. 0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Tgt Ion: 91 Resp: 781971
 Ion Ratio Lower Upper
 91 100
 92 45.6 25.6 76.8
 134 0.0 12.3 36.8#





#90

Hexachloroethane

Concen: 110.351 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

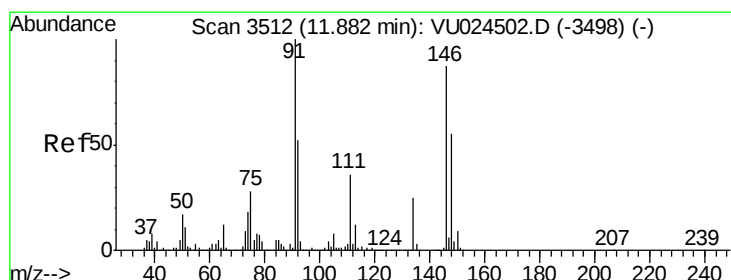
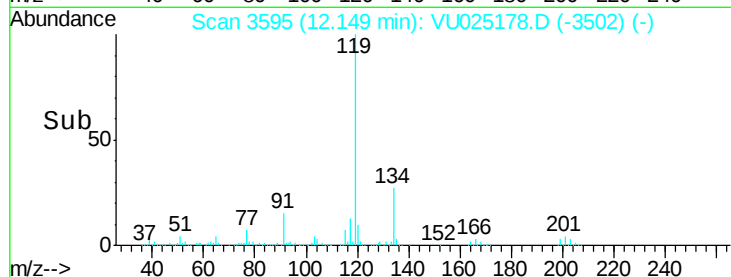
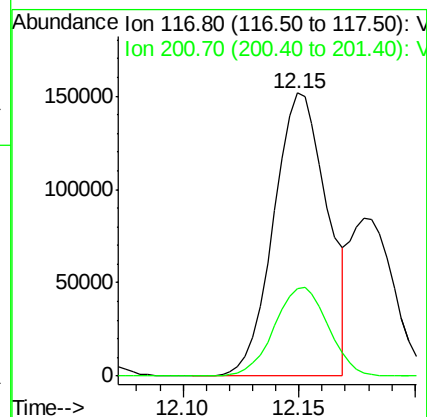
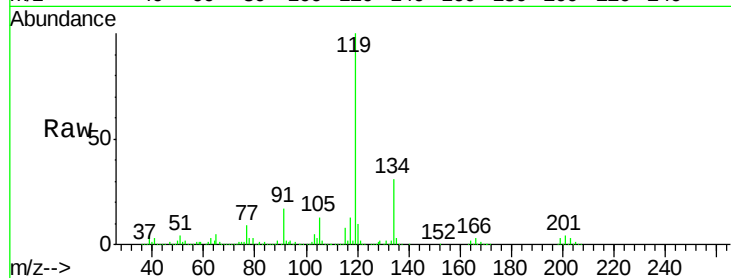
MW-1-062818MS

Tot Ion:117 Resp: 244225

Ion Ratio Lower Upper

117 100

201 31.6 41.1 123.3#



#91

1,2-Dichlorobenzene

Concen: 54.999 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

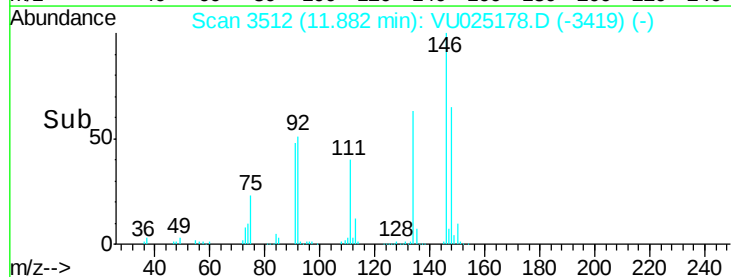
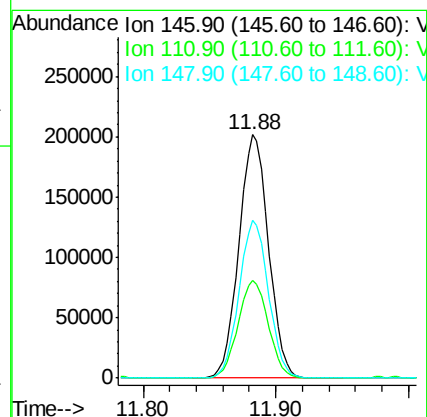
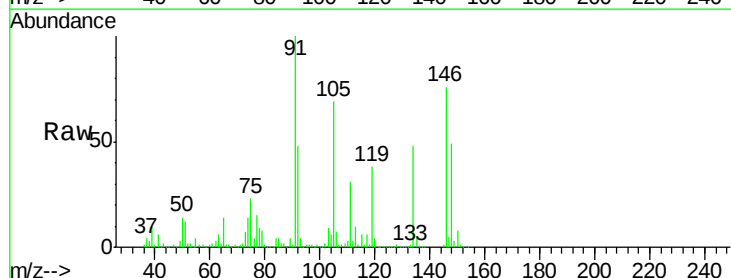
Tgt Ion:146 Resp: 312747

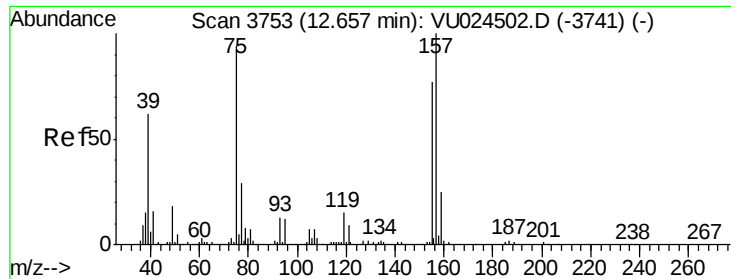
Ion Ratio Lower Upper

146 100

111 40.5 20.5 61.6

148 64.3 31.9 95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 63.906 ug/l

RT: 12.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MS

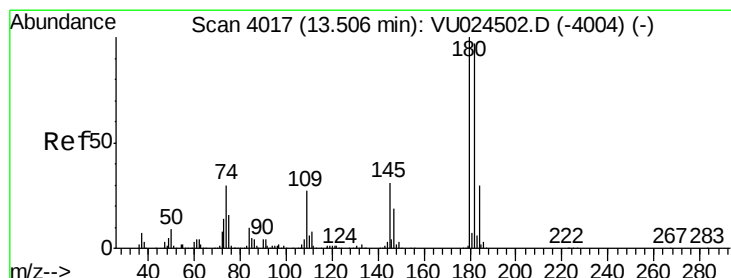
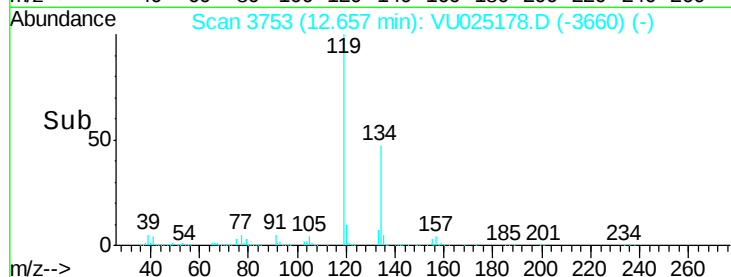
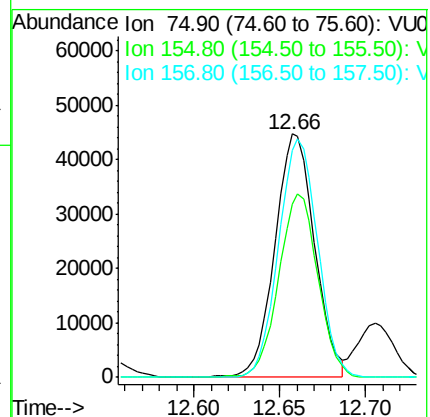
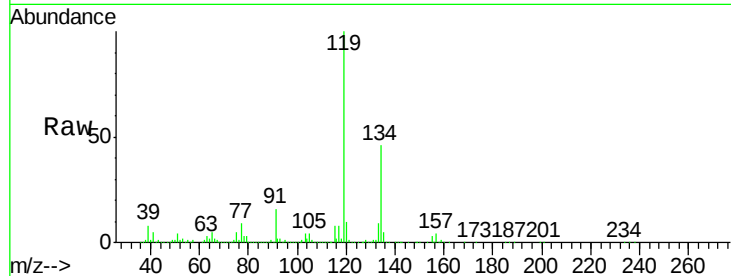
Tot Ion: 75 Resp: 71723

Ion	Ratio	Lower	Upper
75	100		
155	74.2	40.4	121.2
157	96.1	52.3	156.8

75 100

155 74.2 40.4 121.2

157 96.1 52.3 156.8



#93

1,2,4-Trichlorobenzene

Concen: 60.407 ug/l

RT: 13.51 min Scan# 4017

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

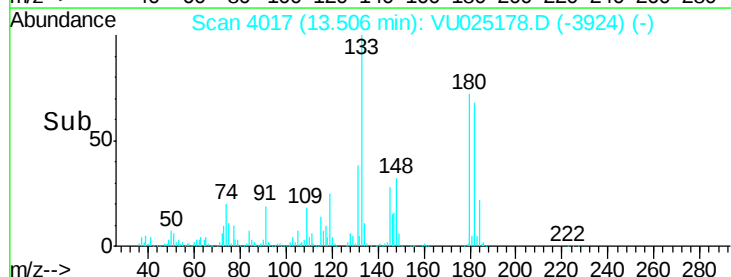
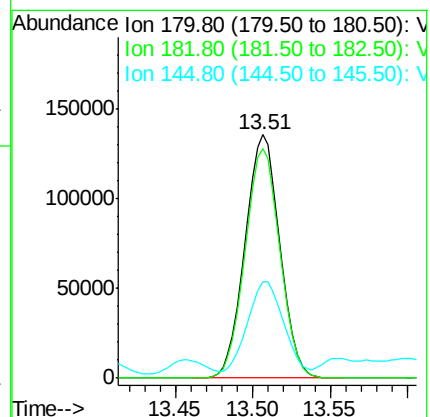
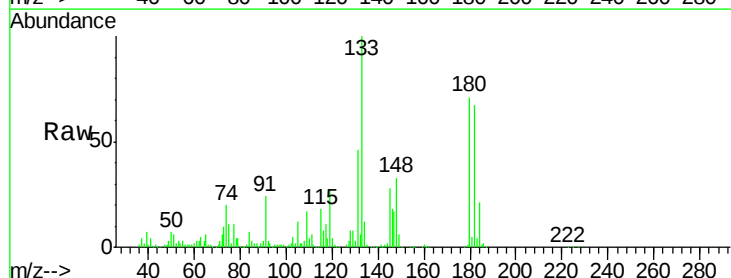
Tgt Ion: 180 Resp: 212118

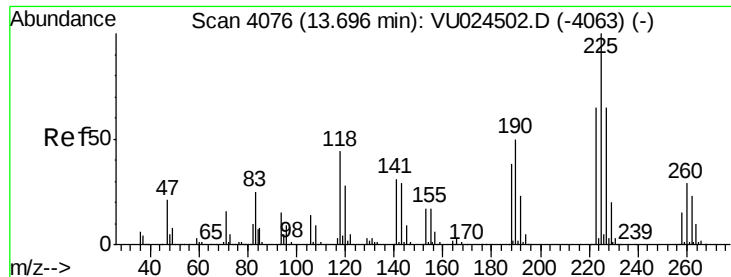
Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.0	144.2
145	37.1	14.7	44.1

180 100

182 94.6 48.0 144.2

145 37.1 14.7 44.1





#94

Hexachlorobutadiene

Concen: 36.111 ug/l

RT: 13.70 min Scan# 4076

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MS

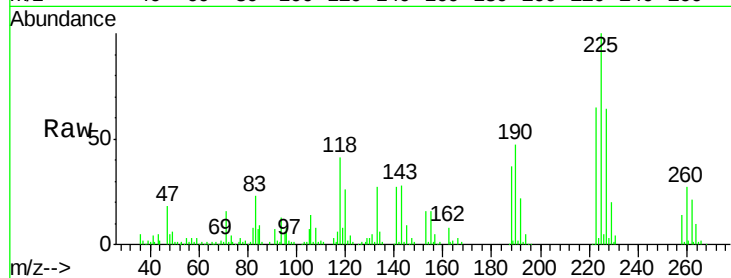
Tot Ion:225 Resp: 71372

Ion Ratio Lower Upper

225 100

223 63.2 31.3 93.8

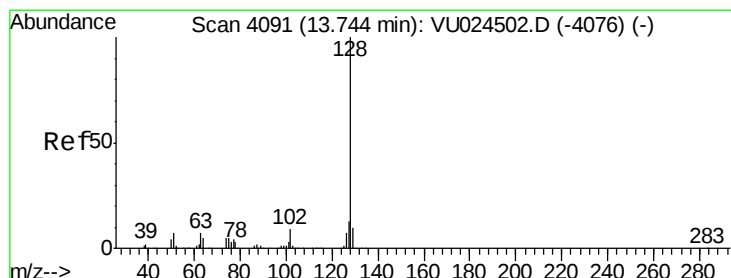
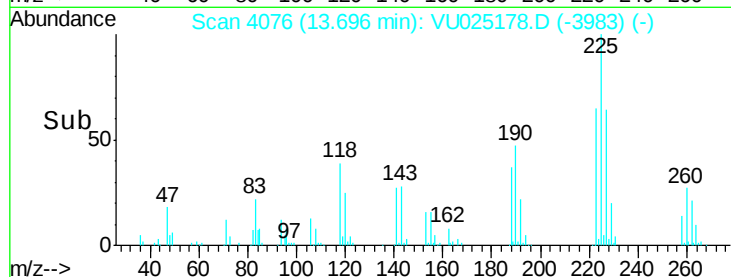
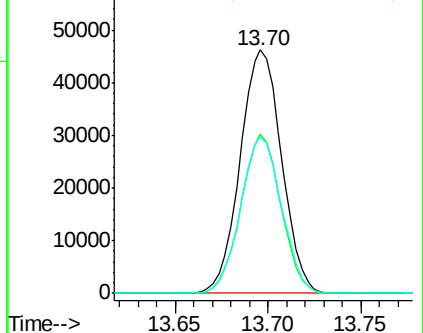
227 63.6 31.8 95.4



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 227.923 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025178.D

Acq: 03 Jul 2018 06:40

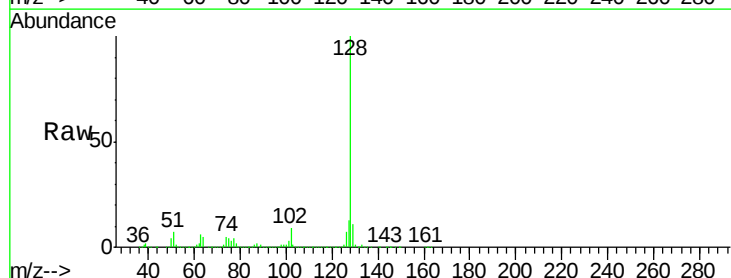
Tgt Ion:128 Resp: 2678028

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

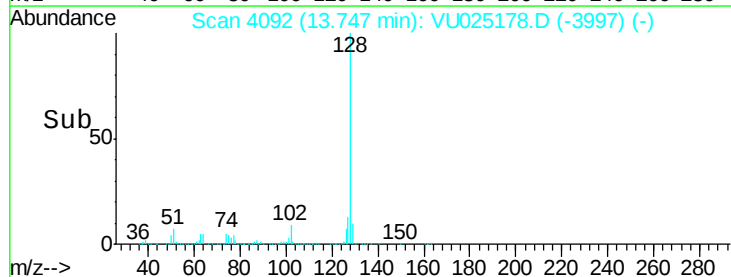
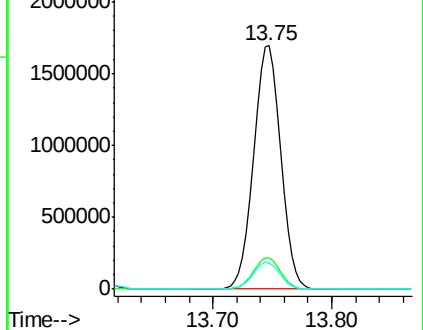
129 11.1 8.6 12.8

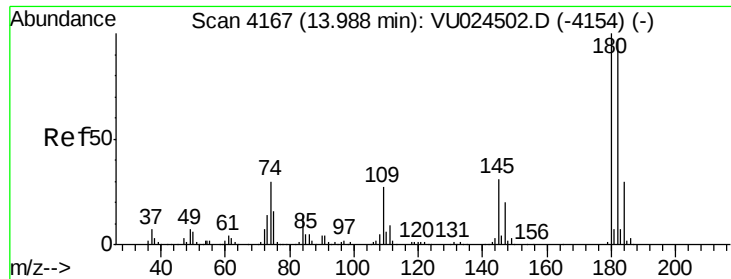


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

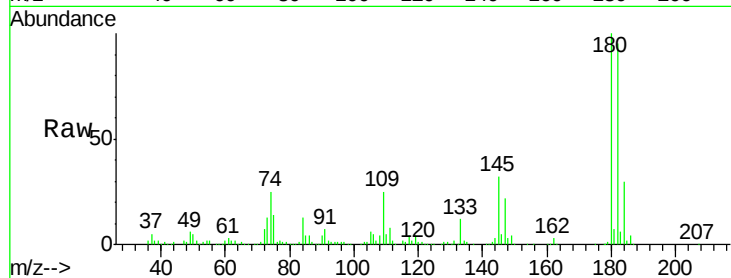




#96
 1,2,3-Trichlorobenzene
 Concen: 62.806 ug/l
 RT: 13.99 min Scan# 4168
 Delta R.T. 0.00 min
 Lab File: VU025178.D
 Acq: 03 Jul 2018 06:40

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.9	143.7
145	44.6	15.4	46.1



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

