

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025179.D
 Acq On : 03 Jul 2018 07:05
 Operator : MD/SY
 Sample : J3809-16MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MSD

Quant Time: Jul 03 08:15:29 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	172318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	267444	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	257870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	160506	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	130510	46.39	ug/l	0.00
Spiked Amount			Recovery	=	92.78%	
35) Dibromofluoromethane	4.89	113	110453	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
50) Toluene-d8	7.57	98	355389	43.90	ug/l	0.00
Spiked Amount			Recovery	=	87.80%	
62) 4-Bromofluorobenzene	10.31	95	152093	47.31	ug/l	0.00
Spiked Amount			Recovery	=	94.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	90345	41.887	ug/l	99
3) Chloromethane	1.33	50	105565	47.906	ug/l	98
4) Vinyl Chloride	1.40	62	111588	49.103	ug/l	98
5) Bromomethane	1.62	94	62636	57.016	ug/l	99
6) Chloroethane	1.69	64	72193	56.999	ug/l	98
7) Trichlorofluoromethane	1.88	101	169119	48.765	ug/l	99
8) Diethyl Ether	2.10	74	67198	57.208	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.28	101	102176	47.489	ug/l	97
10) Methyl Iodide	2.41	142	125370	66.858	ug/l	99
11) Tert butyl alcohol	2.83	59	213771	312.450	ug/l	99
12) 1,1-Dichloroethene	2.28	96	102013	51.992	ug/l	95
13) Acrolein	2.19	56	25453	70.845	ug/l #	1
14) Allyl chloride	2.59	41	159666	43.827	ug/l	99
15) Acrylonitrile	2.93	53	370253	278.146	ug/l	99
16) Acetone	2.32	43	399351	264.210	ug/l	98
17) Carbon Disulfide	2.48	76	271887	43.275	ug/l	99
18) Methyl Acetate	2.62	43	200045	61.736	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	486431	65.953	ug/l #	81
20) Methylene Chloride	2.70	84	120404	50.768	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	111779	51.725	ug/l	98
22) Diisopropyl ether	3.57	45	388271	53.763	ug/l	98
23) Vinyl Acetate	3.53	43	1433516	221.588	ug/l	98
24) 1,1-Dichloroethane	3.45	63	219418	52.814	ug/l	98
25) 2-Butanone	4.26	43	568136	279.832	ug/l	98
26) 2,2-Dichloropropane	4.23	77	98657	25.009	ug/l	94
27) cis-1,2-Dichloroethene	4.23	96	132072	53.159	ug/l	92
28) Bromochloromethane	4.55	49	77398	42.296	ug/l #	83
29) Tetrahydrofuran	4.64	42	341922	271.953	ug/l	97
30) Chloroform	4.68	83	234972	55.878	ug/l	99
31) Cyclohexane	5.00	56	261399	71.709	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	207088	53.256	ug/l	96
36) 1,1-Dichloropropene	5.14	75	164335	52.291	ug/l	98
37) Ethyl Acetate	4.38	43	174336	50.897	ug/l	98
38) Carbon Tetrachloride	5.14	117	182802	52.896	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	324239	82.676	ug/l	95
40) Benzene	5.39	78	1449996	161.922	ug/l	100
41) Methacrylonitrile	4.54	41	107534	58.228	ug/l	97
42) 1,2-Dichloroethane	5.41	62	200909	58.907	ug/l	98
43) Isopropyl Acetate	5.55	43	331480	55.986	ug/l	98
44) Trichloroethene	6.19	130	136711	53.643	ug/l	92
45) 1,2-Dichloropropane	6.44	63	130791	54.738	ug/l	98
46) Dibromomethane	6.56	93	94910	56.550	ug/l	94
47) Bromodichloromethane	6.76	83	179500	53.710	ug/l	99
48) Methyl methacrylate	6.63	41	186193	64.582	ug/l	93
49) 1,4-Dioxane	6.62	88	75218	1334.082	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	1044907	280.909	ug/l	98
52) Toluene	7.64	92	637474	110.648	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	179423	47.806	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	186805	46.711	ug/l	96
55) 1,1,2-Trichloroethane	8.07	97	203009	86.686	ug/l	87
56) Ethyl methacrylate	8.02	69	226630	57.818	ug/l	96
57) 1,3-Dichloropropane	8.25	76	220134	55.722	ug/l	99
59) 2-Hexanone	8.36	43	851034	280.240	ug/l	100
60) Dibromochloromethane	8.48	129	148760	50.939	ug/l	99
61) 1,2-Dibromoethane	8.59	107	145334	55.756	ug/l	99
64) Tetrachloroethene	8.23	164	119382	48.704	ug/l	98
65) Chlorobenzene	9.12	112	358188	54.373	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	133297	53.260	ug/l	97
67) Ethyl Benzene	9.26	91	12584125	1089.664	ug/l	95
68) m/p-Xylenes	9.39	106	5158376	1163.193	ug/l	94
69) o-Xylene	9.78	106	373994	85.215	ug/l	94
70) Styrene	9.80	104	398785	55.292	ug/l	96
71) Bromoform	9.96	173	116081	48.797	ug/l #	99
73) Isopropylbenzene	10.17	105	1406058	114.101	ug/l	99
74) N-amyl acetate	10.01	43	263795	45.005	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	10.46	83	220016	53.279	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	244471	69.182	ug/l	81
77) Bromobenzene	10.46	156	170972	54.803	ug/l	93
78) n-propylbenzene	10.59	91	3024578	208.356	ug/l	97
79) 2-Chlorotoluene	10.66	91	485169	56.675	ug/l	96
80) 1,3,5-Trimethylbenzene	10.78	105	629107	58.900	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	246616	161.520	ug/l #	100
82) 4-Chlorotoluene	10.78	91	517183	51.907	ug/l	100
83) tert-Butylbenzene	11.11	119	529907	51.576	ug/l	97
84) 1,2,4-Trimethylbenzene	10.98	105	6622668	608.432	ug/l	79
85) sec-Butylbenzene	11.33	105	802199	62.376	ug/l	96
86) p-Isopropyltoluene	11.48	119	704627	61.175	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	310418	53.857	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	313032	53.960	ug/l	99
89) n-Butylbenzene	11.89	91	828014	80.972	ug/l #	80
90) Hexachloroethane	12.15	117	252910	112.559	ug/l #	44
91) 1,2-Dichlorobenzene	11.88	146	320384	55.496	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	72631	63.743	ug/l	94
93) 1,2,4-Trichlorobenzene	13.51	180	225433	63.235	ug/l	96

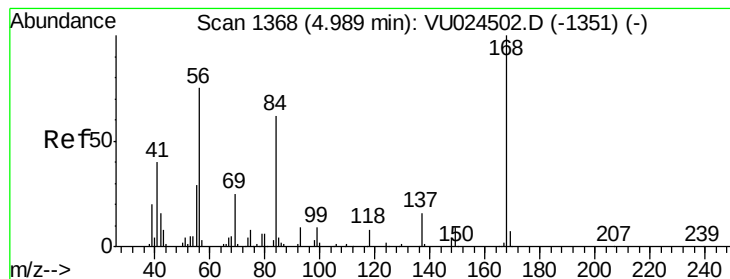
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	86959	43.337	ug/l	99
95) Naphthalene	13.75	128	2835318	237.656	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	233634	65.769	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

Instrument :

MSVOA_U

ClientSampleId :

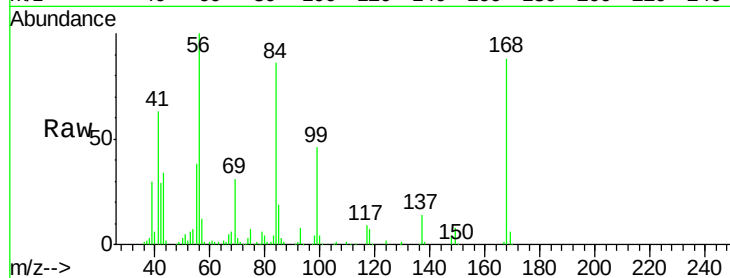
MW-1-062818MSD

Tot Ion:168 Resp: 172318

Ion Ratio Lower Upper

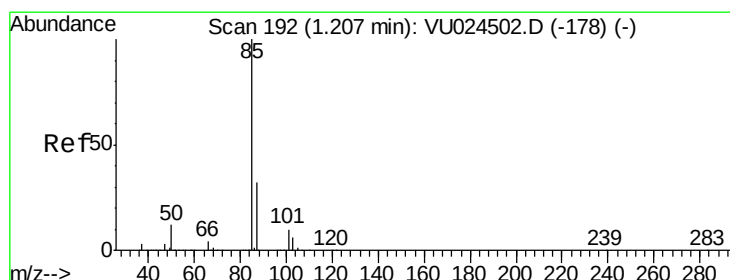
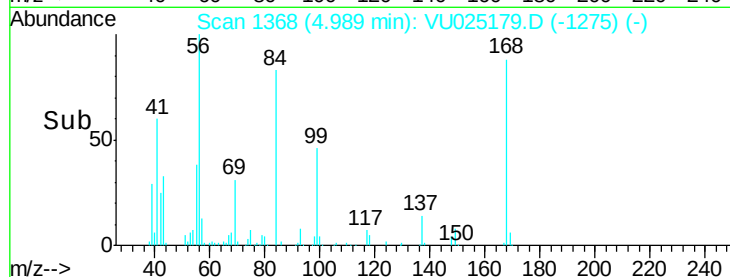
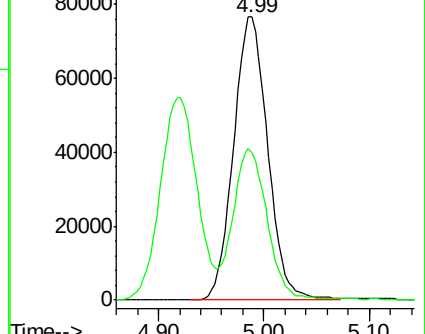
168 100

99 51.5 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: 41.887 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025179.D

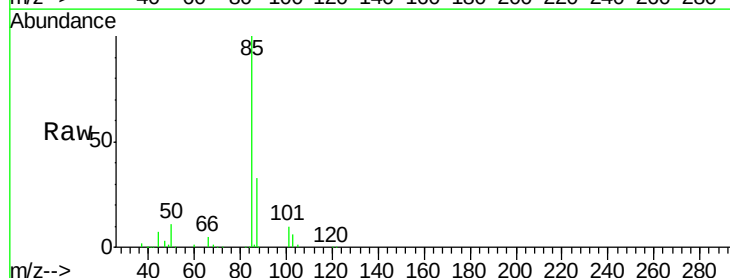
Acq: 03 Jul 2018 07:05

Tgt Ion: 85 Resp: 90345

Ion Ratio Lower Upper

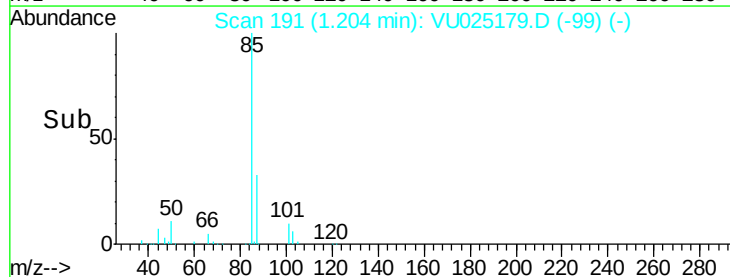
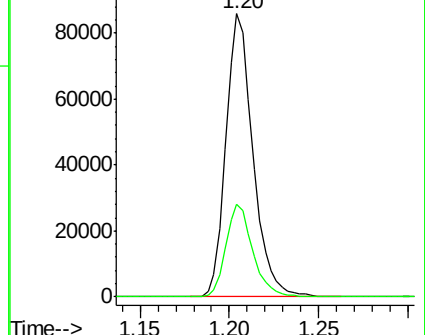
85 100

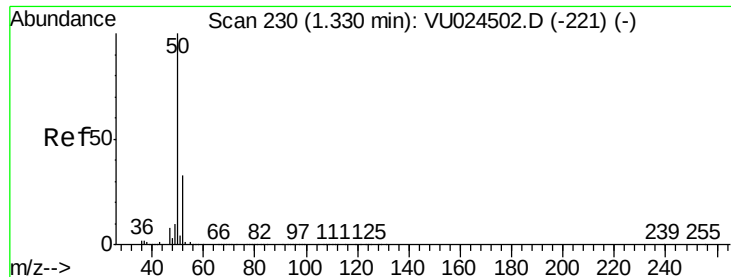
87 32.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU0

Ion 86.90 (86.60 to 87.60): VU0





#3

Chloromethane

Concen: 47.906 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

Instrument :

MSVOA_U

ClientSampleId :

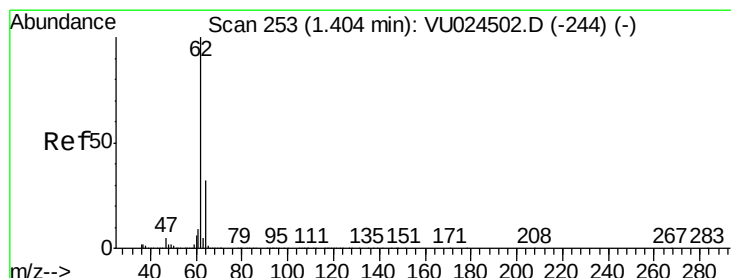
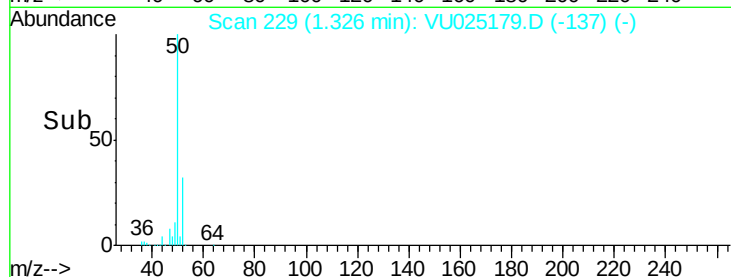
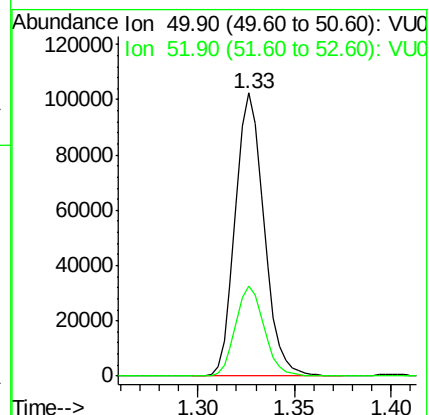
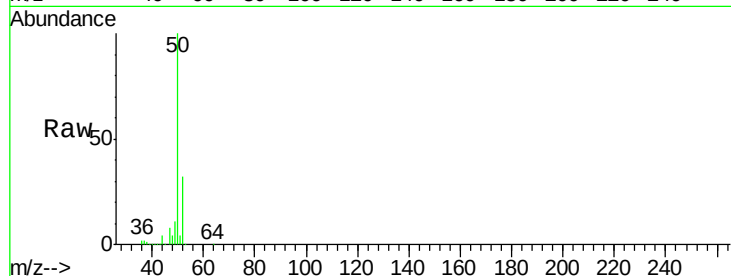
MW-1-062818MSD

Tot Ion: 50 Resp: 105565

Ion Ratio Lower Upper

50 100

52 31.8 26.4 39.6



#4

Vinyl Chloride

Concen: 49.103 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025179.D

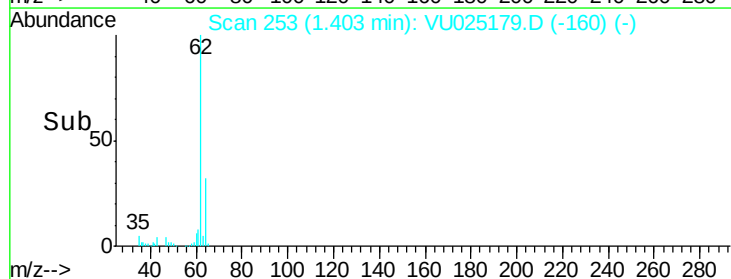
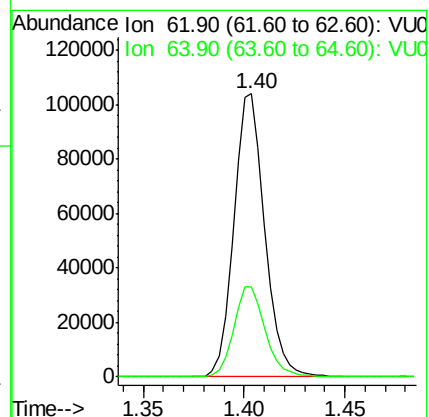
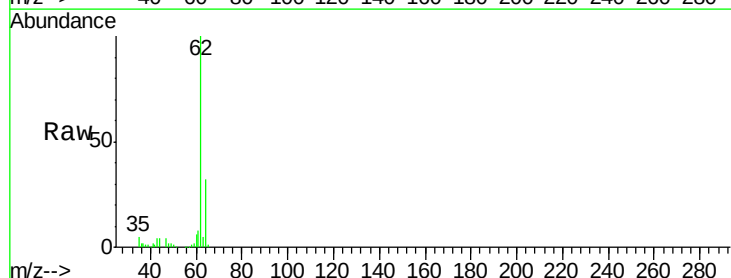
Acq: 03 Jul 2018 07:05

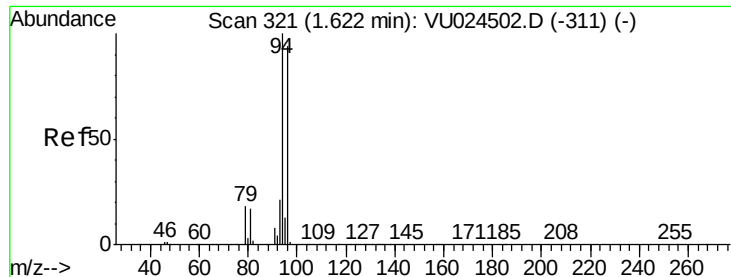
Tgt Ion: 62 Resp: 111588

Ion Ratio Lower Upper

62 100

64 31.9 24.8 37.2





#5

Bromomethane

Concen: 57.016 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

Instrument :

MSVOA_U

ClientSampleId :

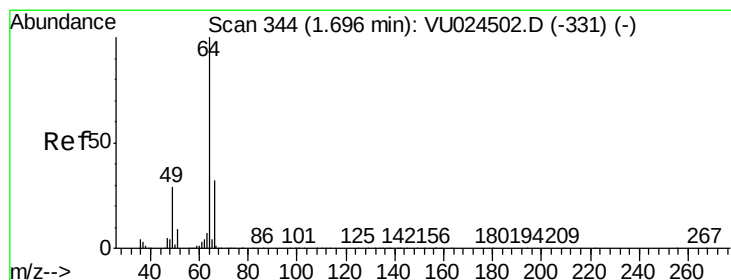
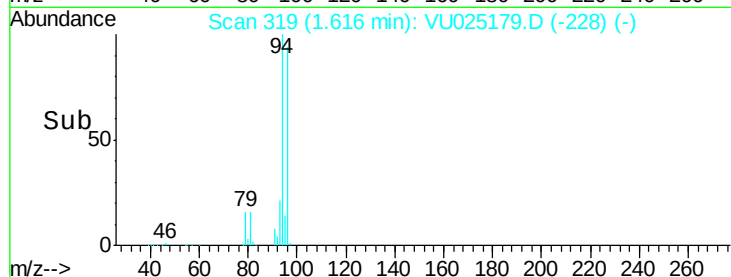
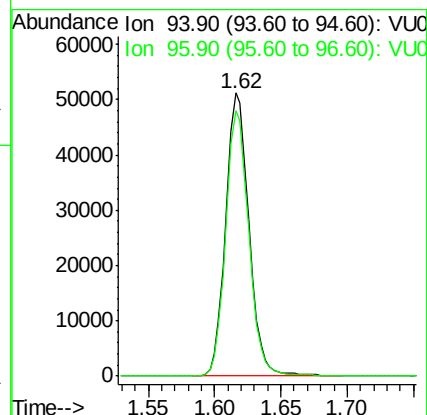
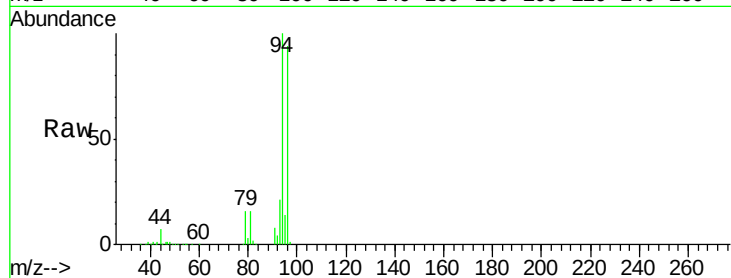
MW-1-062818MSD

Tot Ion: 94 Resp: 62636

Ion Ratio Lower Upper

94 100

96 93.9 74.5 111.7



#6

Chloroethane

Concen: 56.999 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU025179.D

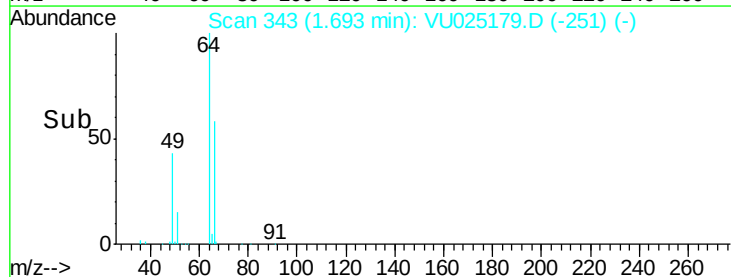
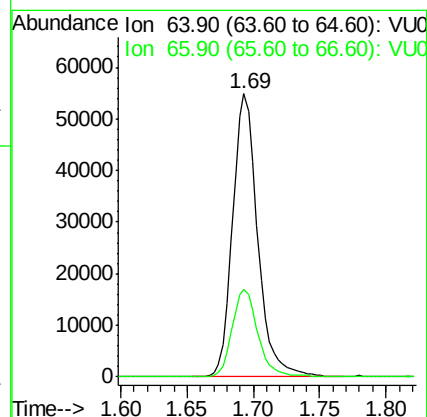
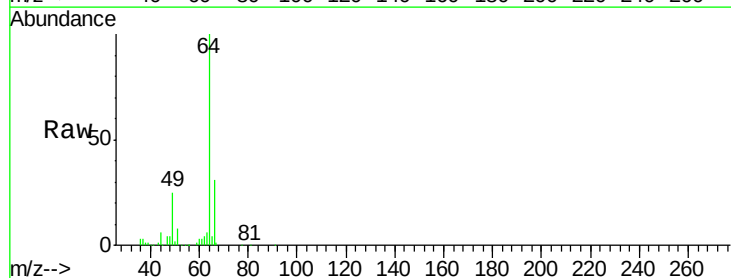
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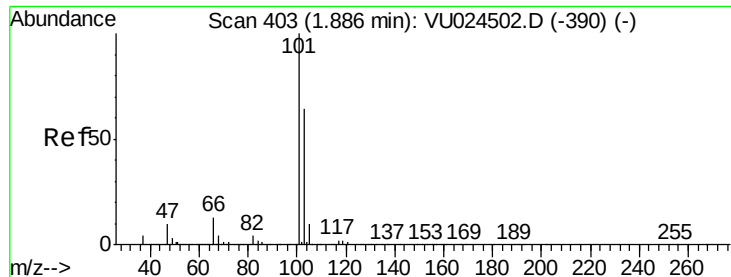
Tgt Ion: 64 Resp: 72193

Ion Ratio Lower Upper

64 100

66 31.1 25.5 38.3



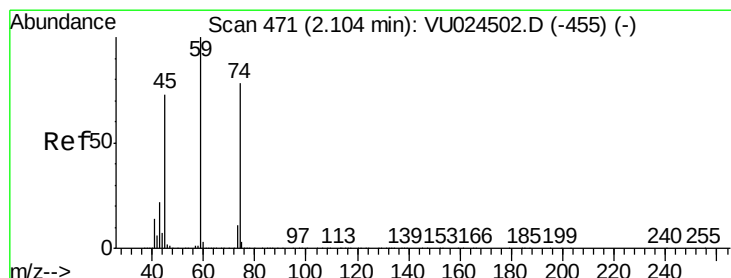
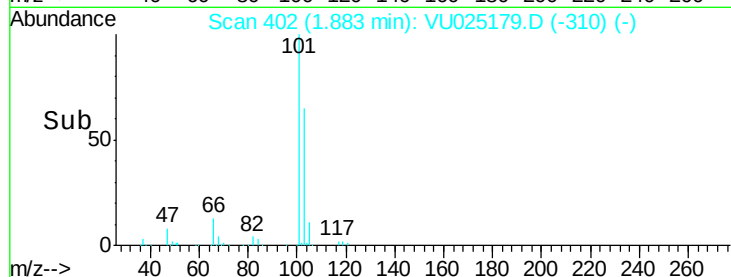
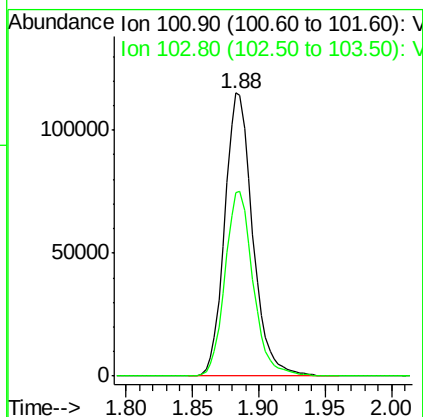
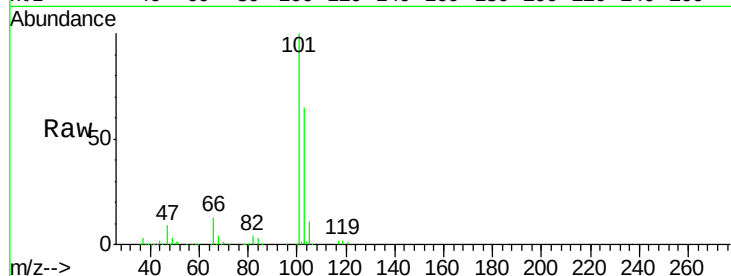


#7

Trichlorofluoromethane
Concen: 48.765 ug/l
RT: 1.88 min Scan# 402
Delta R.T. -0.00 min
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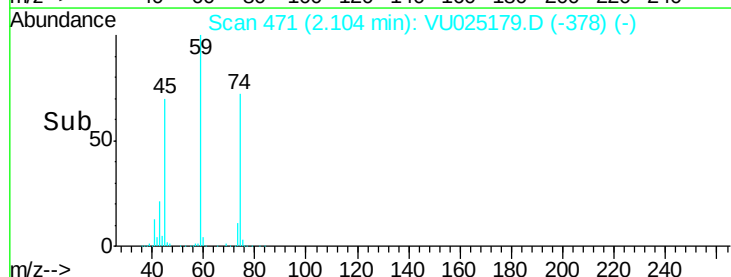
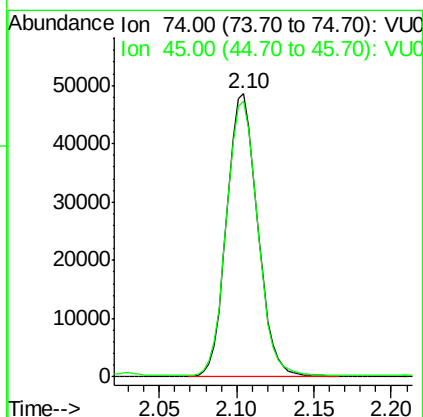
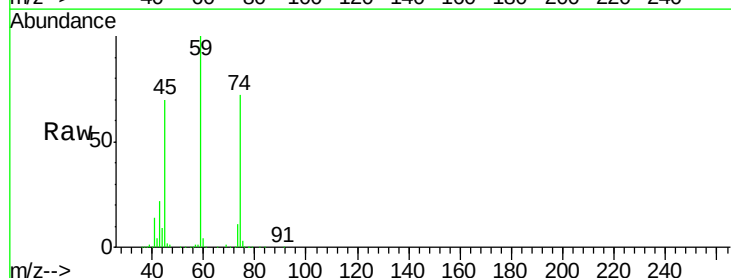
Tot Ion:101 Resp: 169119
Ion Ratio Lower Upper
101 100
103 65.0 52.3 78.5

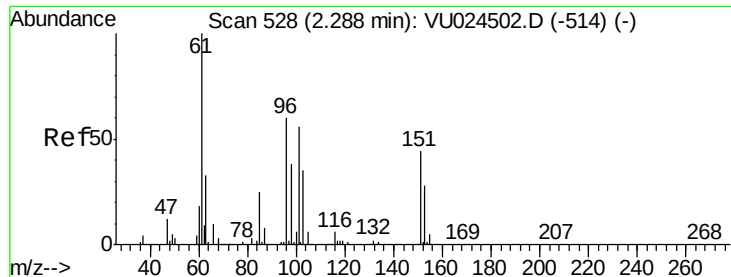


#8

Diethyl Ether
Concen: 57.208 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU025179.D
Acq: 03 Jul 2018 07:05

Tgt Ion: 74 Resp: 67198
Ion Ratio Lower Upper
74 100
45 97.7 55.0 165.0

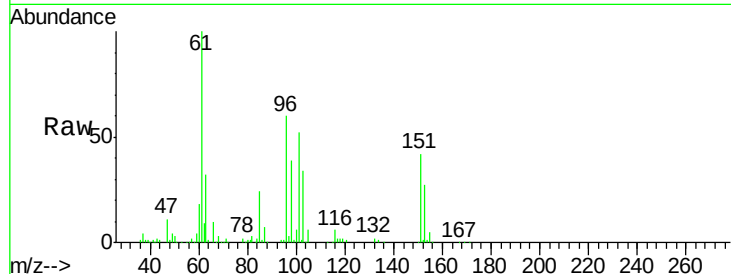




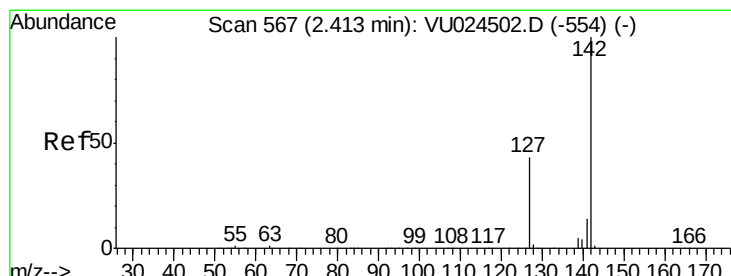
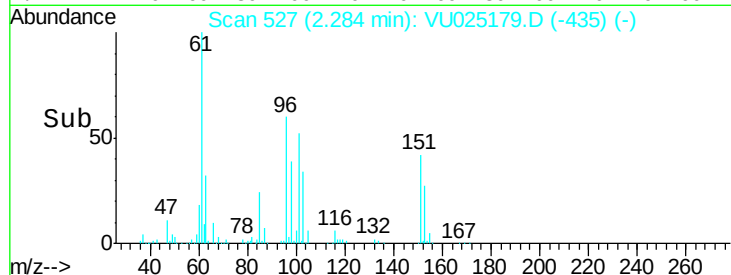
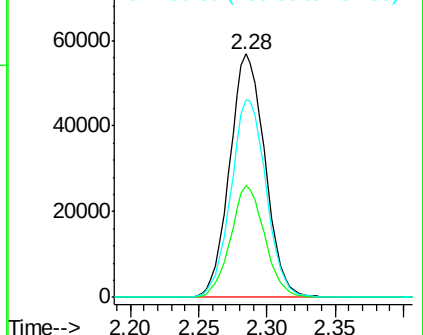
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.489 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU025179.D
 Acq: 03 Jul 2018 07:05

Instrument :
 MSVOA_U
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 MW-1-062818MSD

Tot Ion:101 Resp: 102176
 Ion Ratio Lower Upper
 101 100
 85 44.4 36.0 54.0
 151 81.1 62.3 93.5

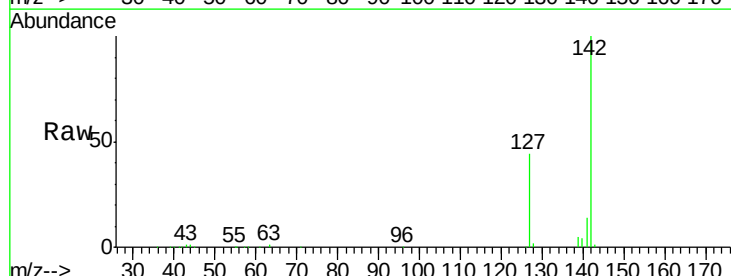


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 150.80 (150.50 to 151.50): V

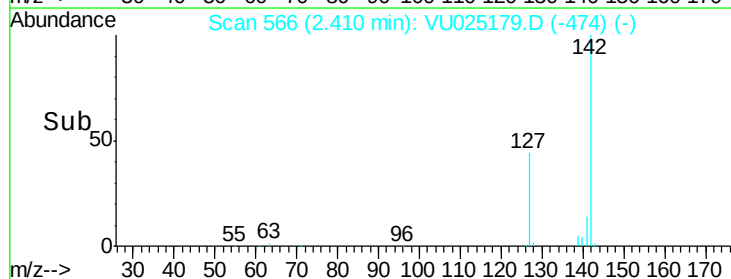
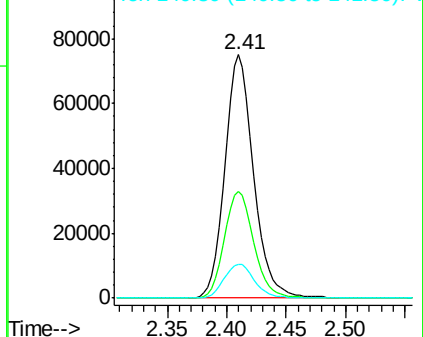


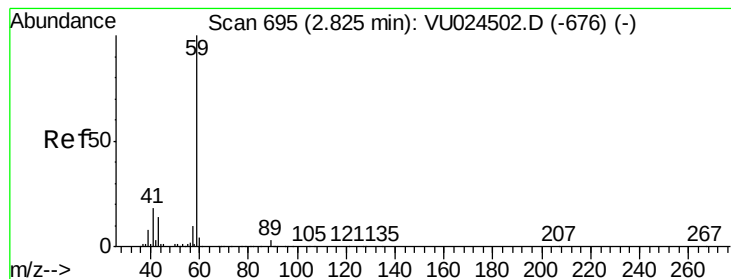
#10
 Methyl Iodide
 Concen: 66.858 ug/l
 RT: 2.41 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: VU025179.D
 Acq: 03 Jul 2018 07:05

Tgt Ion:142 Resp: 125370
 Ion Ratio Lower Upper
 142 100
 127 44.9 35.6 53.4
 141 14.6 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



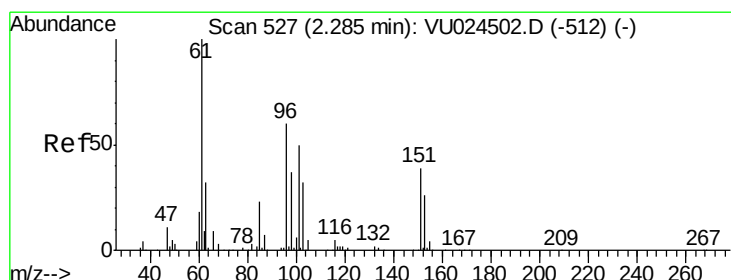
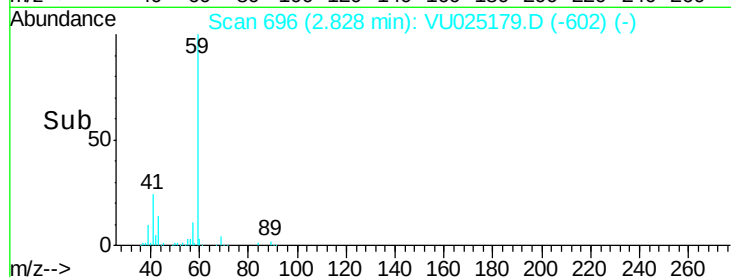
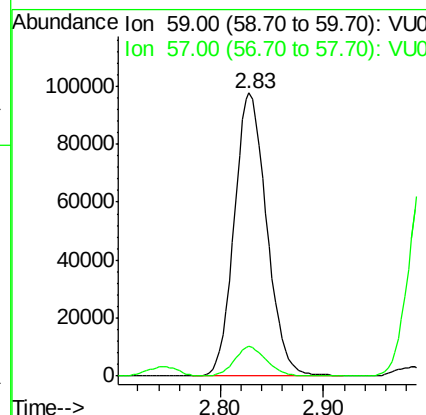
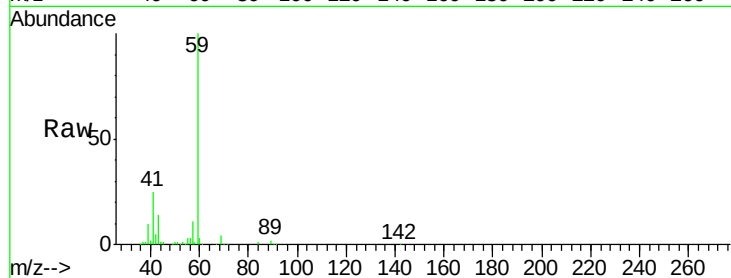


#11

Tert butyl alcohol
 Concen: 312.450 ug/l
 RT: 2.83 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: VU025179.D
 Acq: 03 Jul 2018 07:05

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MSD

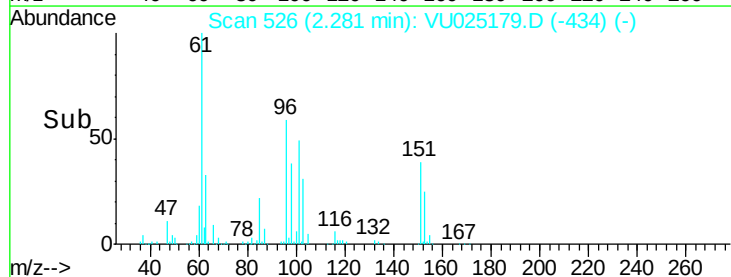
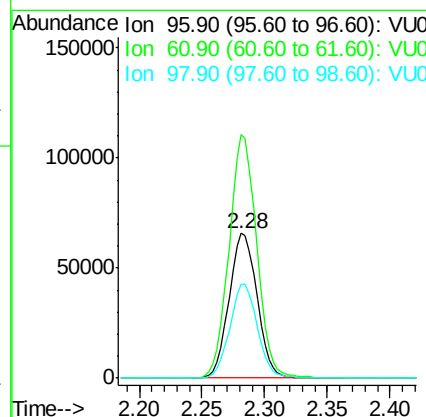
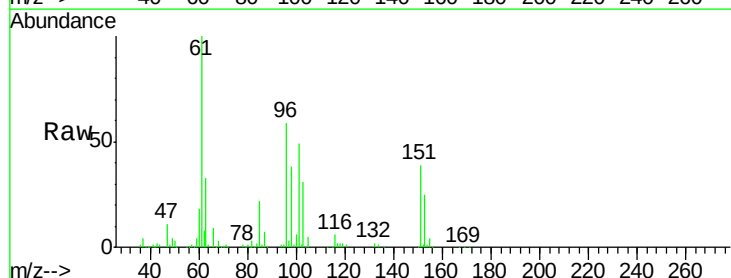
Tot Ion: 59 Resp: 213771
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.5 12.7

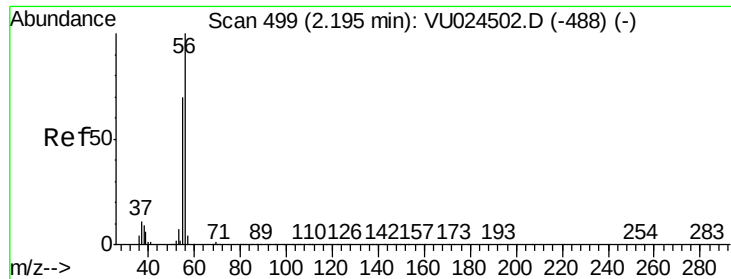


#12

1,1-Dichloroethene
 Concen: 51.992 ug/l
 RT: 2.28 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: VU025179.D
 Acq: 03 Jul 2018 07:05

Tgt Ion: 96 Resp: 102013
 Ion Ratio Lower Upper
 96 100
 61 168.5 141.7 212.5
 98 64.7 51.6 77.4





#13

Acrolein

Concen: 70.845 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

Instrument :

MSVOA_U

ClientSampleId :

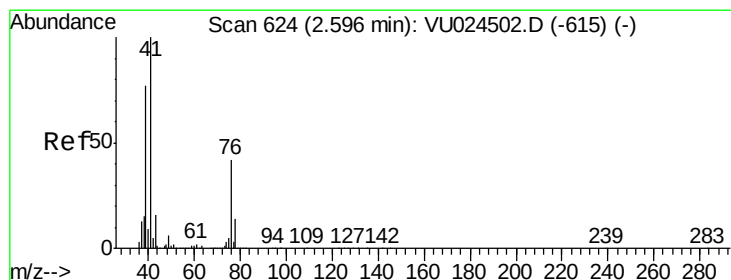
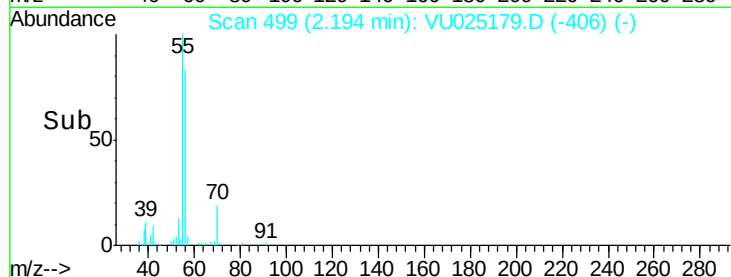
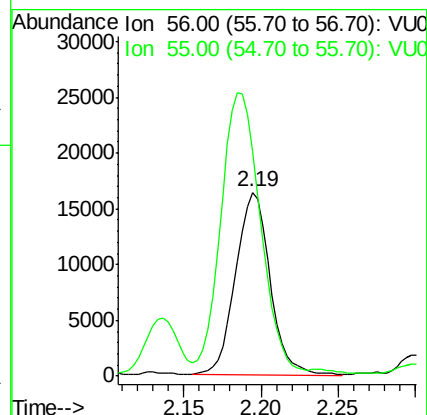
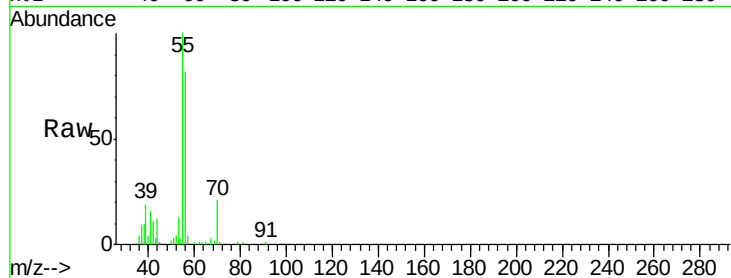
MW-1-062818MSD

Tot Ion: 56 Resp: 25453

Ion Ratio Lower Upper

56 100

55 170.2 58.4 87.6#



#14

Allyl chloride

Concen: 43.827 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

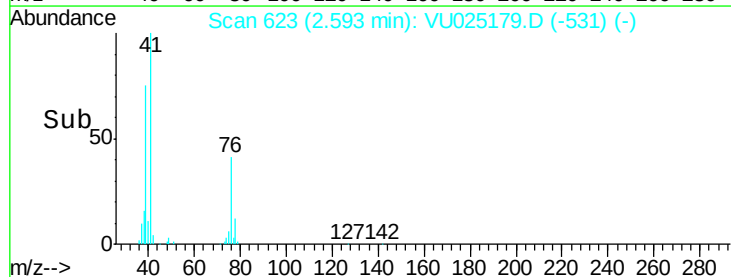
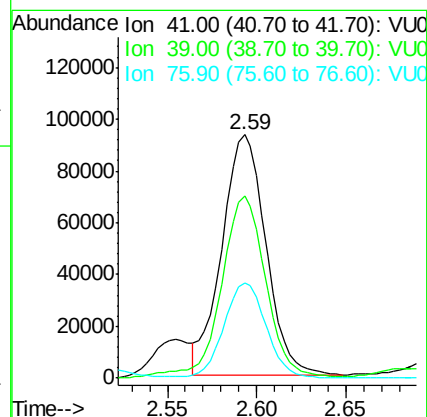
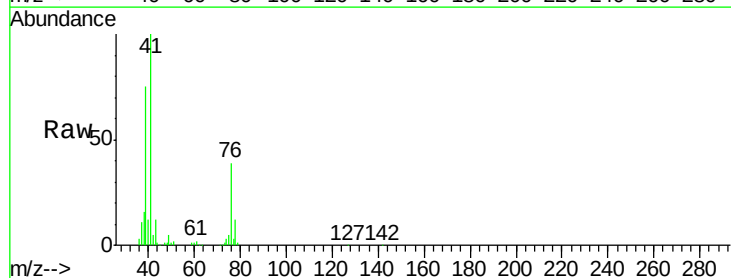
Tgt Ion: 41 Resp: 159666

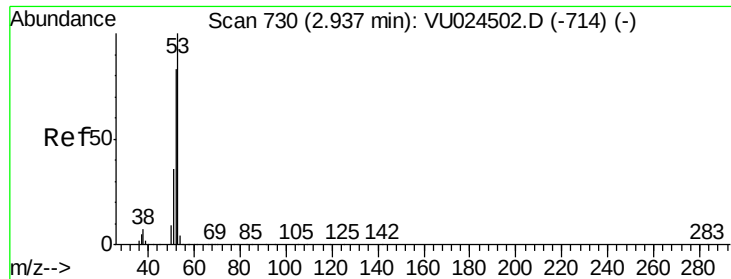
Ion Ratio Lower Upper

41 100

39 76.2 61.6 92.4

76 37.6 29.7 44.5





#15

Acrylonitrile

Concen: 278.146 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MSD

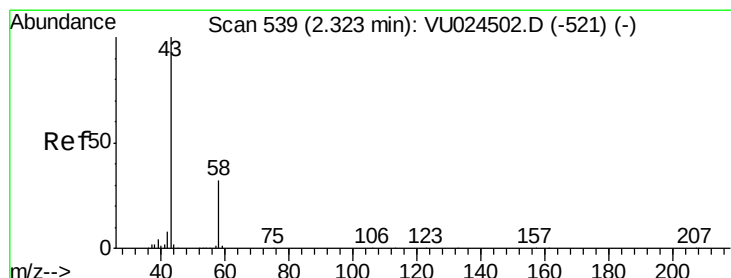
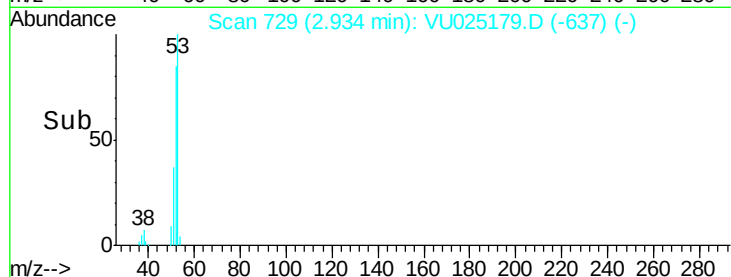
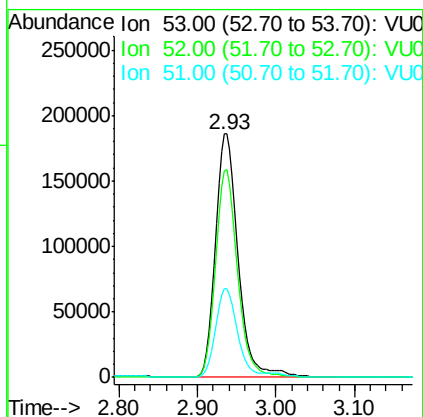
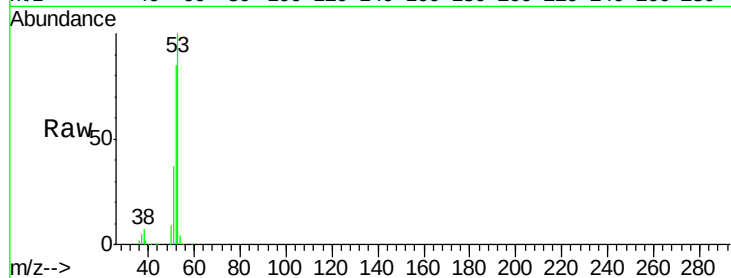
Tot Ion: 53 Resp: 370253

Ion	Ratio	Lower	Upper
53	100		
52	82.5	67.1	100.7
51	34.8	28.4	42.6

53 100

52 82.5 67.1 100.7

51 34.8 28.4 42.6



#16

Acetone

Concen: 264.210 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU025179.D

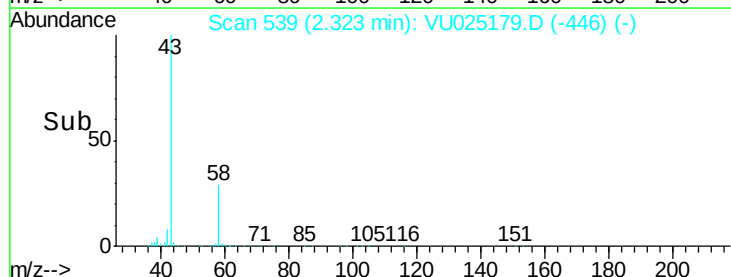
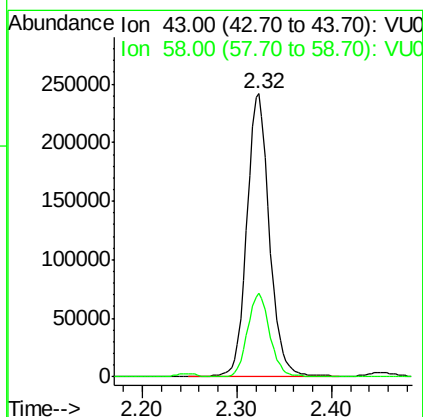
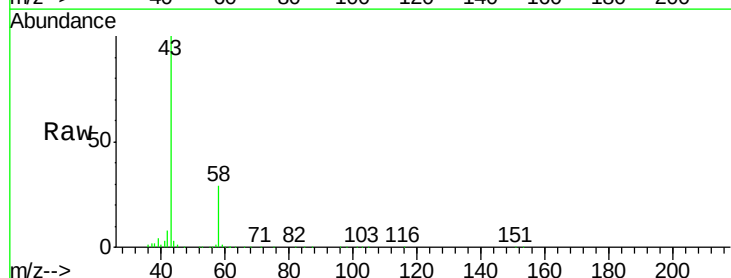
Acq: 03 Jul 2018 07:05

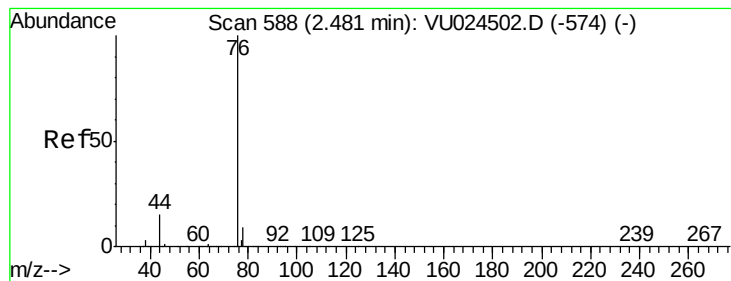
Tgt Ion: 43 Resp: 399351

Ion	Ratio	Lower	Upper
43	100		
58	29.4	24.4	36.6

43 100

58 29.4 24.4 36.6





#17

Carbon Disulfide

Concen: 43.275 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

Instrument :

MSVOA_U

ClientSampleId :

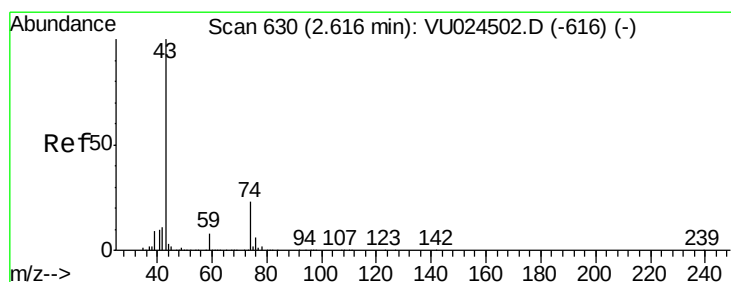
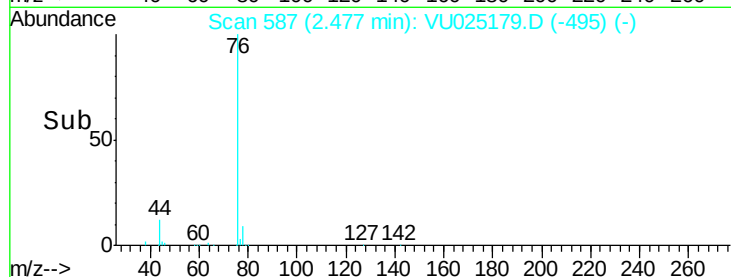
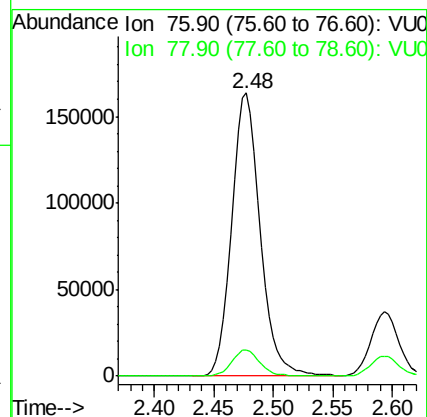
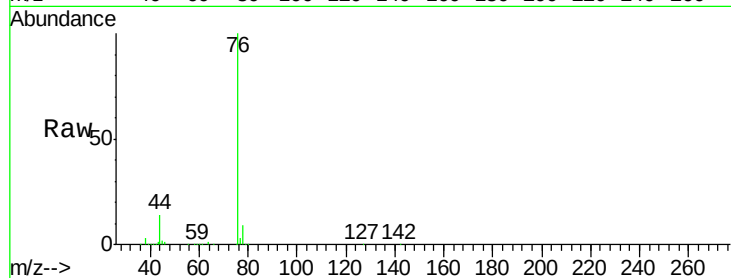
MW-1-062818MSD

Tot Ion: 76 Resp: 271887

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7



#18

Methyl Acetate

Concen: 61.736 ug/l

RT: 2.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU025179.D

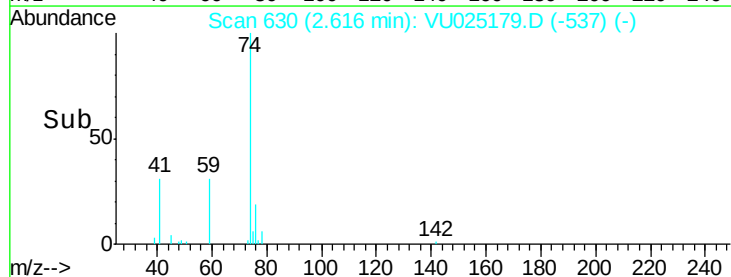
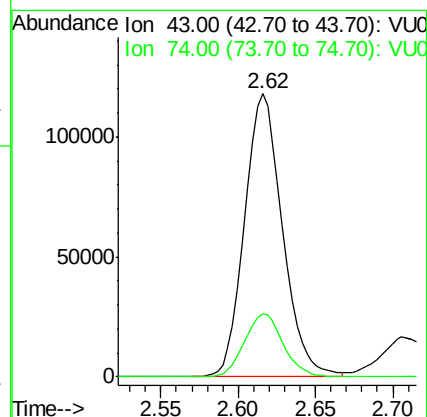
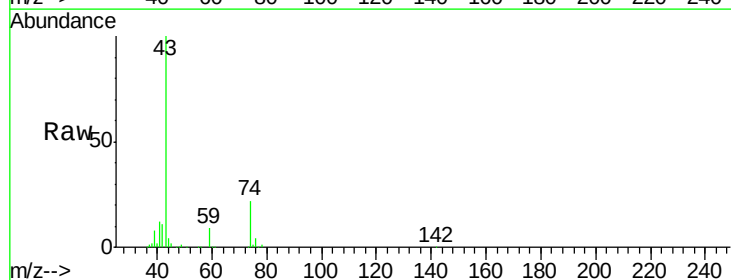
Acq: 03 Jul 2018 07:05

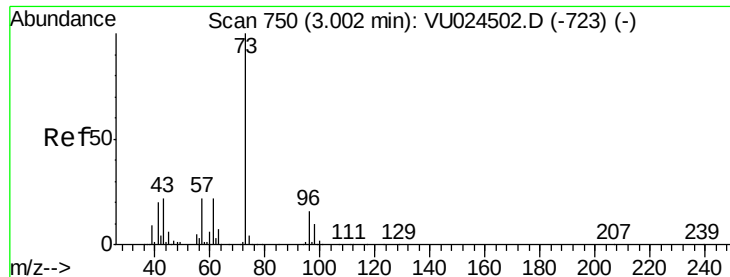
Tgt Ion: 43 Resp: 200045

Ion Ratio Lower Upper

43 100

74 23.1 18.0 27.0

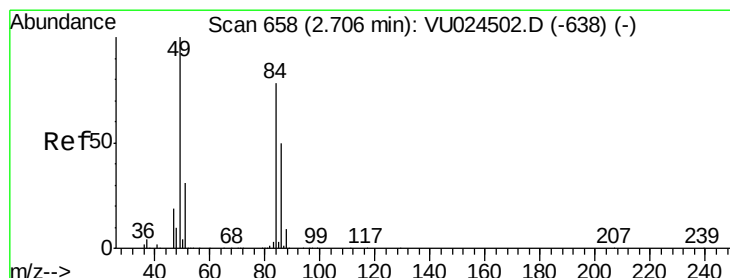
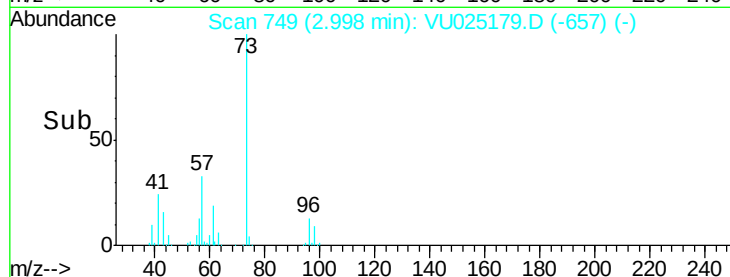
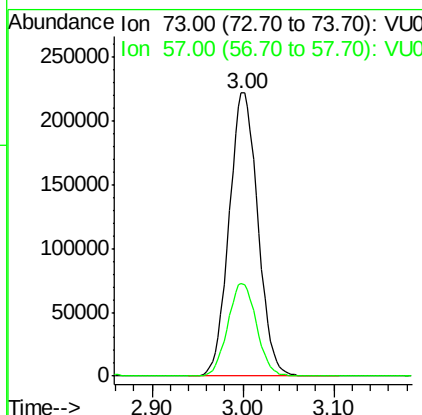
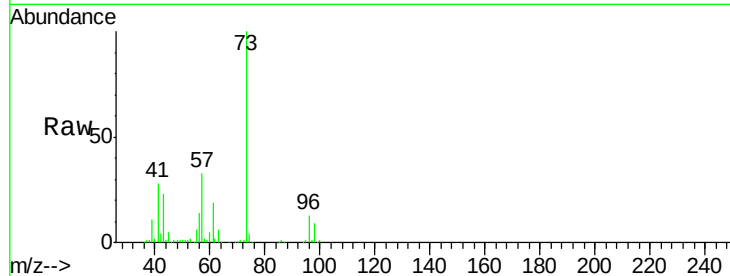




#19
Methvl tert-butvl Ether
Concen: 65.953 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU025179.D
Acq: 03 Jul 2018 07:05

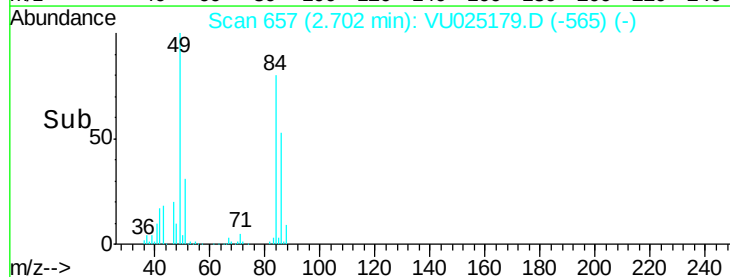
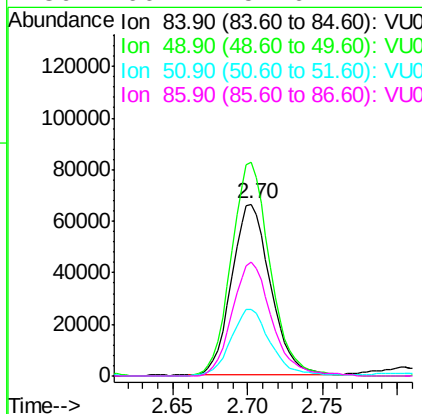
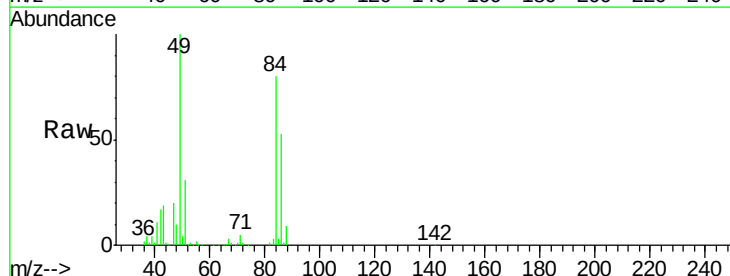
Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818MSD

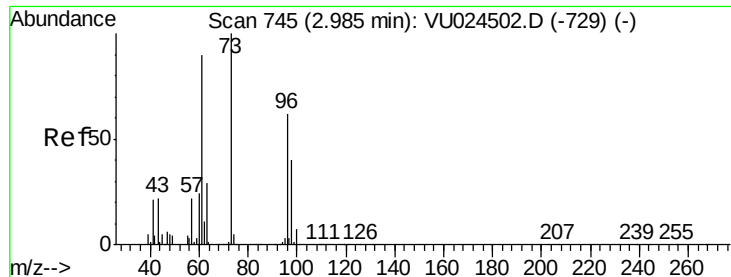
Tot Ion: 73 Resp: 486431
Ion Ratio Lower Upper
73 100
57 32.9 18.8 28.2#



#20
Methylene Chloride
Concen: 50.768 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025179.D
Acq: 03 Jul 2018 07:05

Tgt Ion: 84 Resp: 120404
Ion Ratio Lower Upper
84 100
49 124.6 103.8 155.8
51 38.9 32.0 48.0
86 66.4 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 51.725 ug/l

RT: 2.98 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MSD

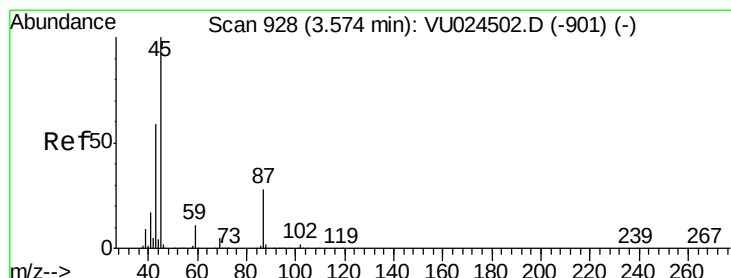
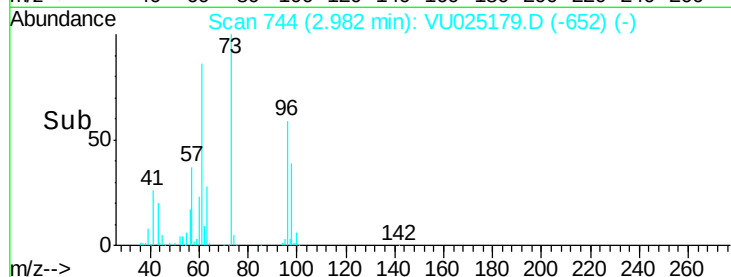
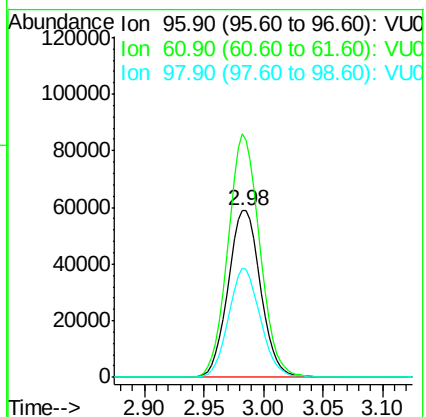
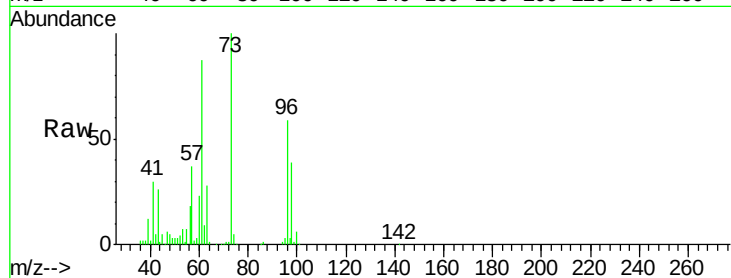
Tot Ion: 96 Resp: 111779

Ion Ratio Lower Upper

96 100

61 146.3 119.4 179.0

98 65.9 51.1 76.7



#22

Diisopropyl ether

Concen: 53.763 ug/l

RT: 3.57 min Scan# 928

Delta R.T. -0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

Tgt Ion: 45 Resp: 388271

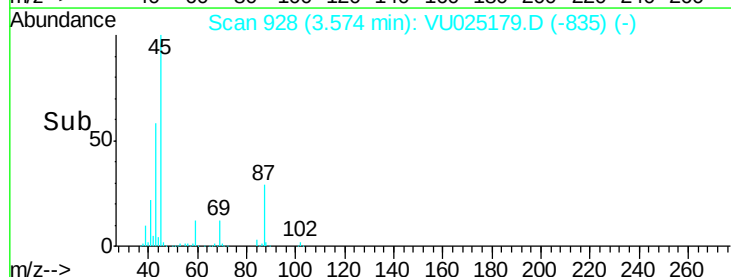
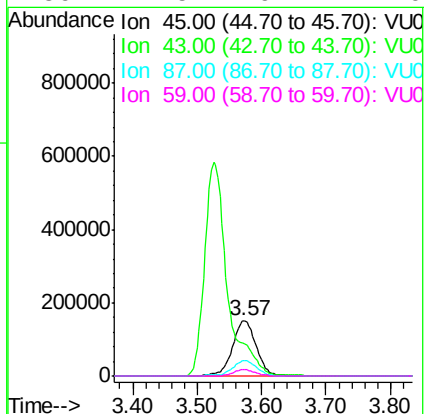
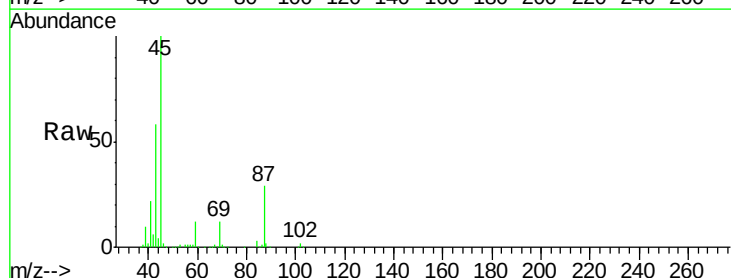
Ion Ratio Lower Upper

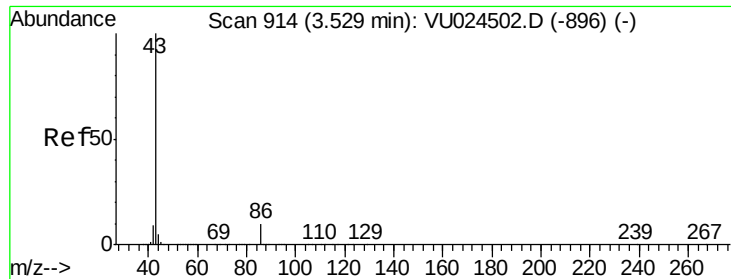
45 100

43 57.7 45.8 68.6

87 28.6 20.6 31.0

59 11.5 9.4 14.0





#23

Vinyl Acetate

Concen: 221.588 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

Instrument :

MSVOA_U

ClientSampleId :

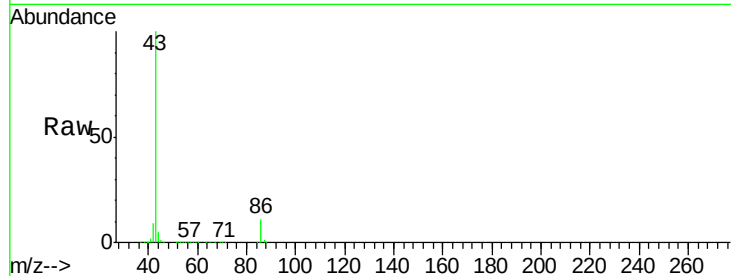
MW-1-062818MSD

Tot Ion: 43 Resp: 1433516

Ion Ratio Lower Upper

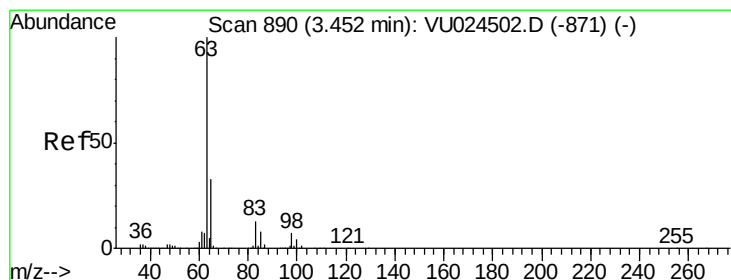
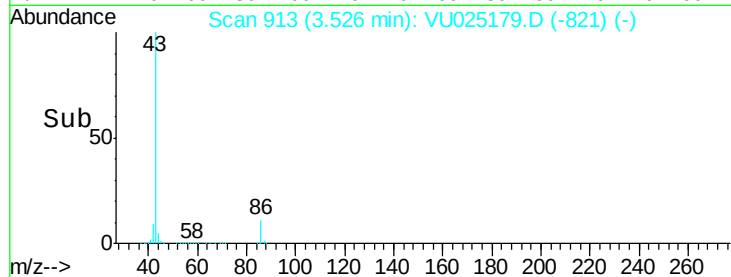
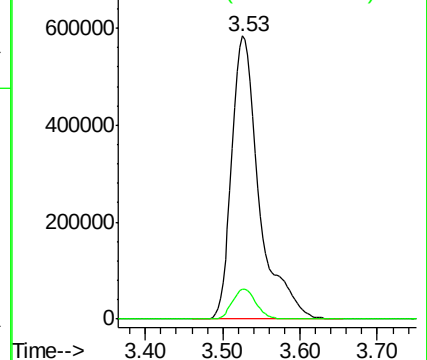
43 100

86 10.6 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 52.814 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

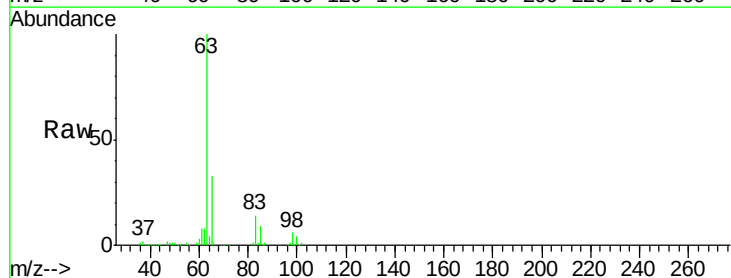
Tgt Ion: 63 Resp: 219418

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

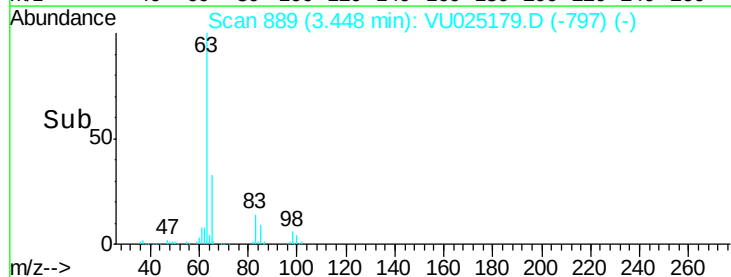
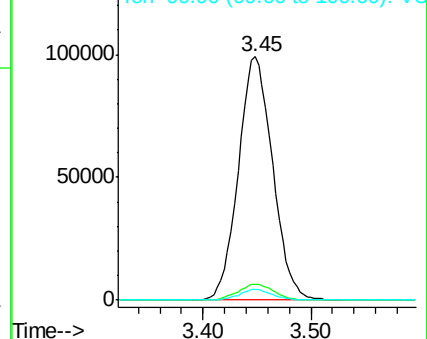
100 4.4 1.8 5.5

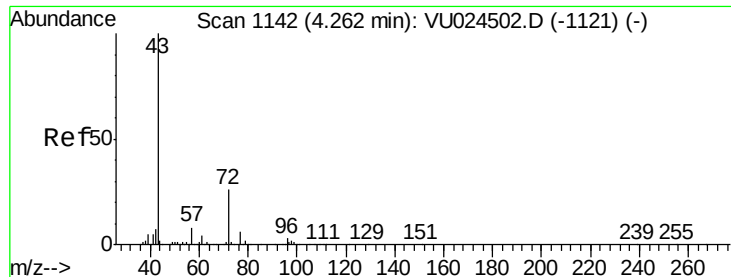


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

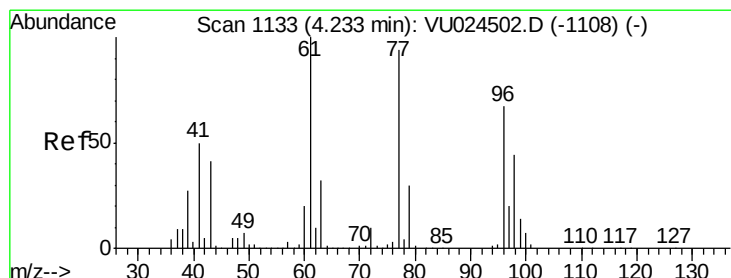
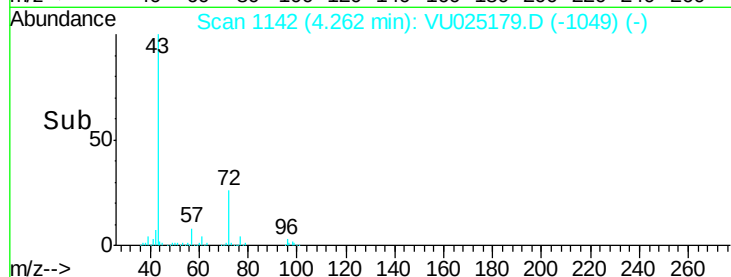
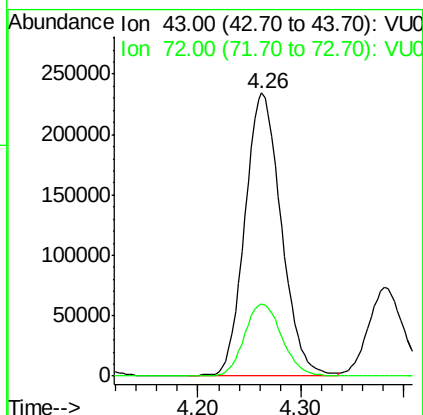
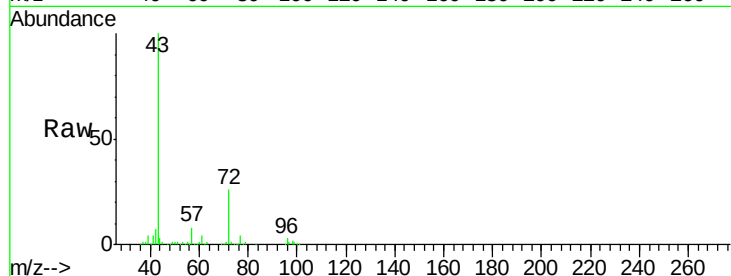




#25
 2-Butanone
 Concen: 279.832 ug/l
 RT: 4.26 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VU025179.D
 Acq: 03 Jul 2018 07:05

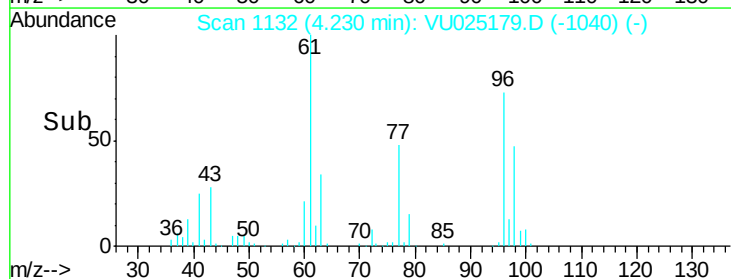
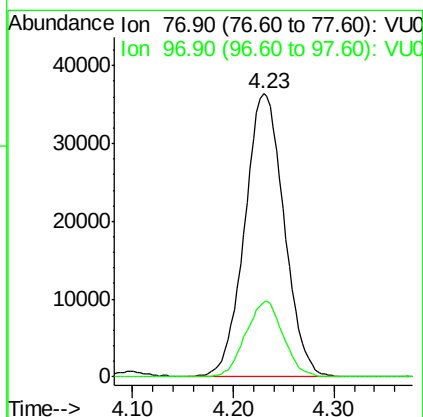
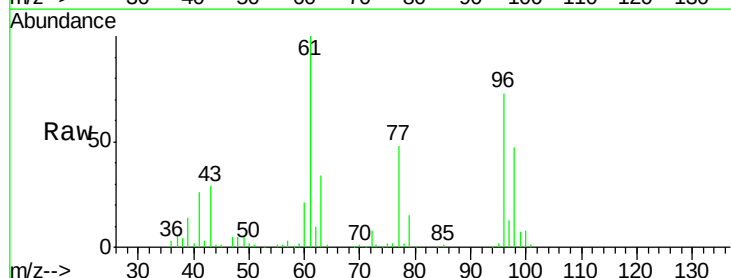
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MSD

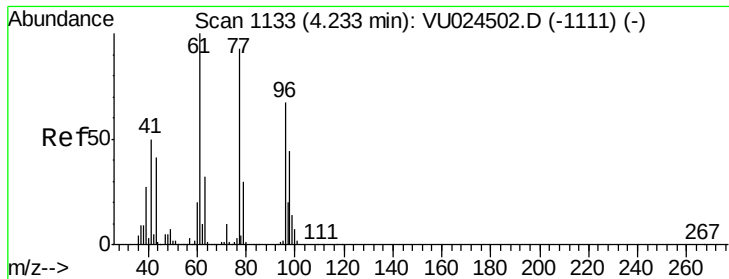
Tot Ion: 43 Resp: 568136
 Ion Ratio Lower Upper
 43 100
 72 25.6 19.6 29.4



#26
 2,2-Dichloropropane
 Concen: 25.009 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025179.D
 Acq: 03 Jul 2018 07:05

Tgt Ion: 77 Resp: 98657
 Ion Ratio Lower Upper
 77 100
 97 25.5 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 53.159 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MSD

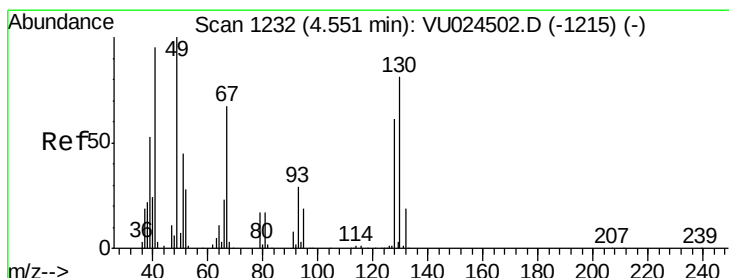
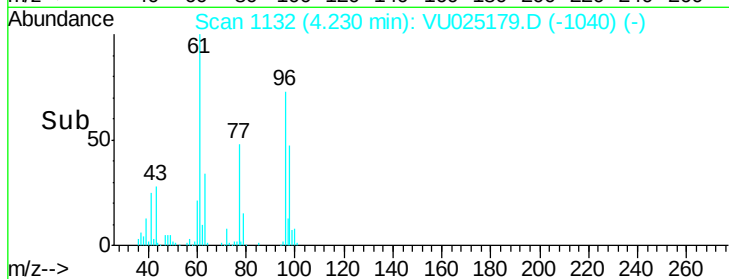
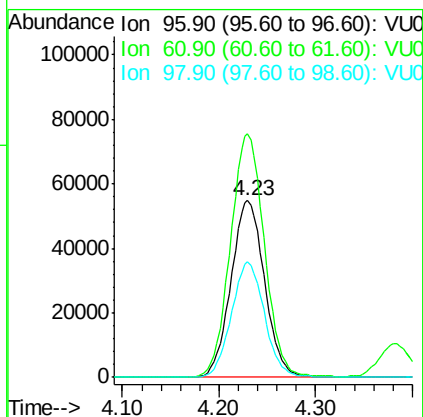
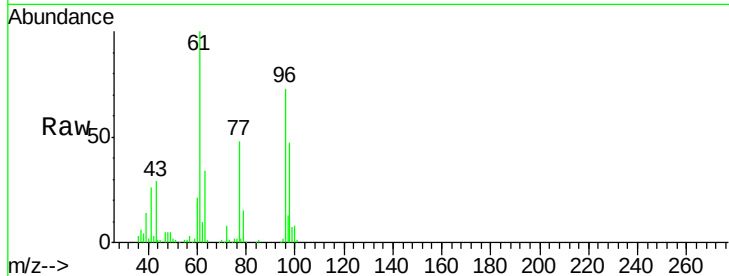
Tot Ion: 96 Resp: 132072

Ion Ratio Lower Upper

96 100

61 139.3 0.0 306.6

98 64.4 0.0 128.8



#28

Bromochloromethane

Concen: 42.296 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

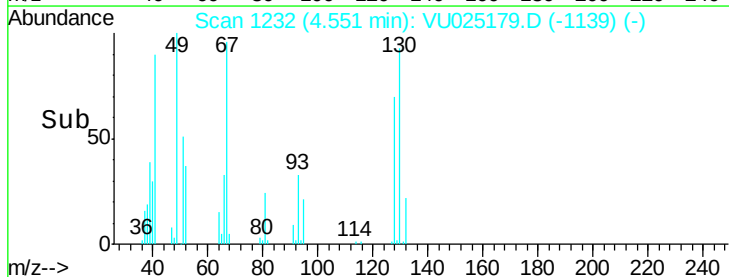
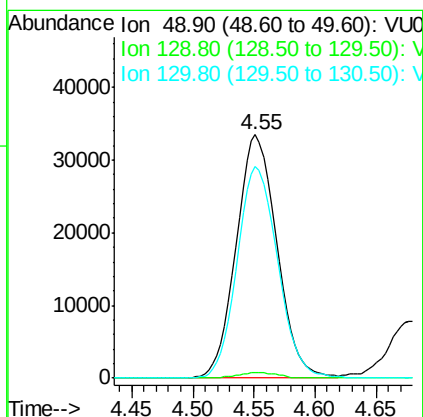
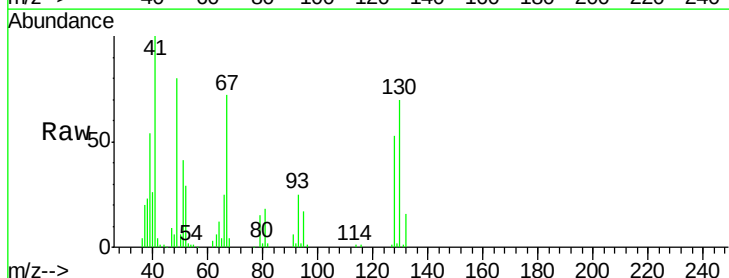
Tgt Ion: 49 Resp: 77398

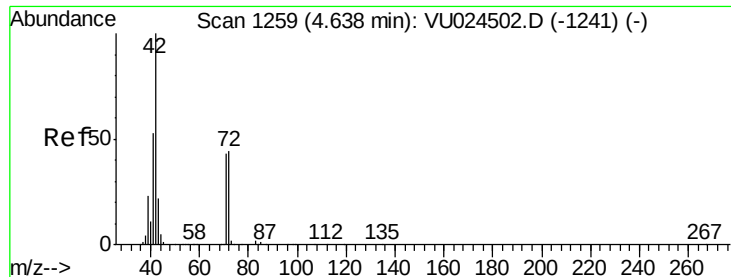
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 86.8 57.8 86.6#





#29

Tetrahydrofuran

Concen: 271.953 ug/l

RT: 4.64 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MSD

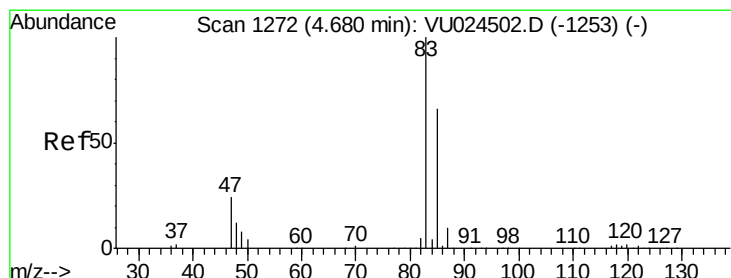
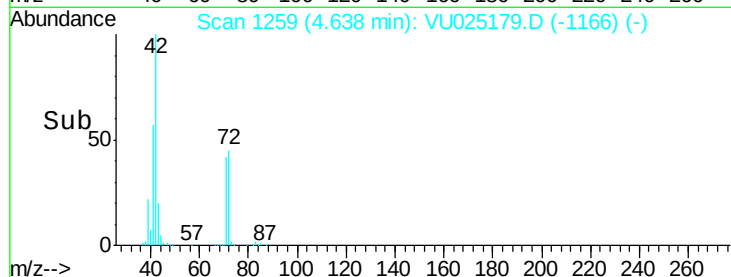
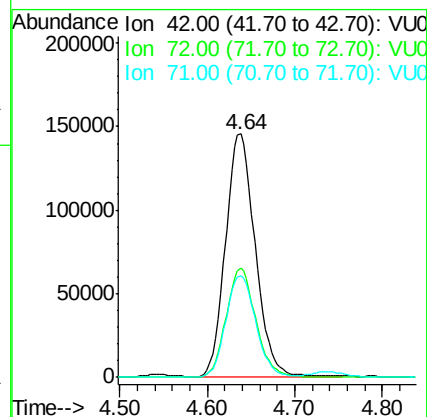
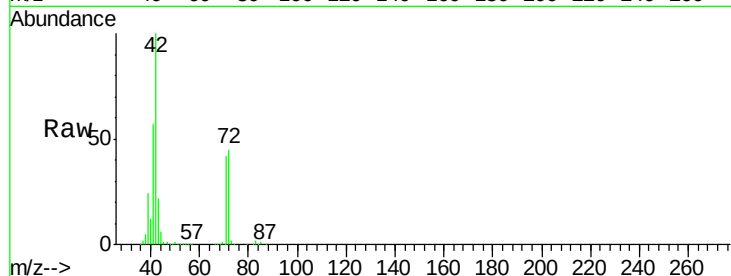
Tot Ion: 42 Resp: 341922

Ion Ratio Lower Upper

42 100

72 45.0 34.5 51.7

71 42.3 32.2 48.4



#30

Chloroform

Concen: 55.878 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU025179.D

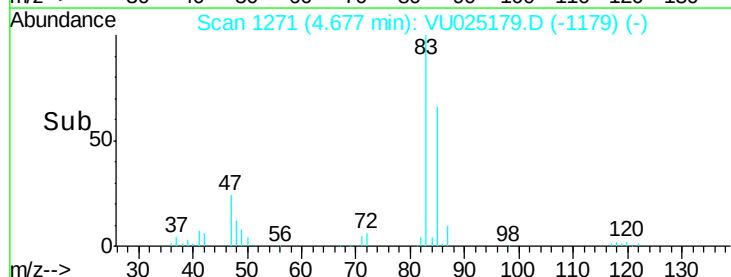
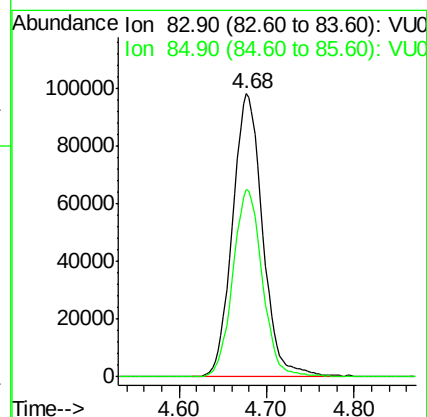
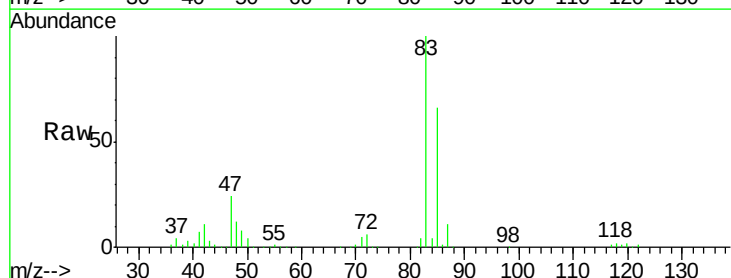
Acq: 03 Jul 2018 07:05

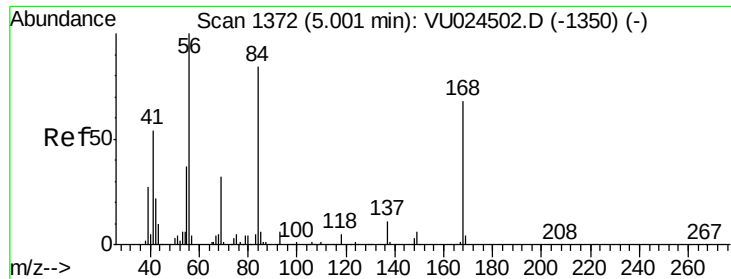
Tgt Ion: 83 Resp: 234972

Ion Ratio Lower Upper

83 100

85 66.1 52.4 78.6

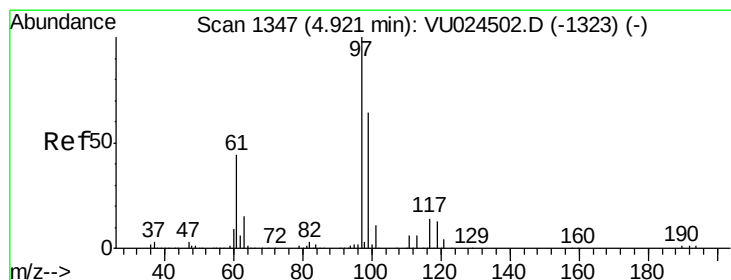
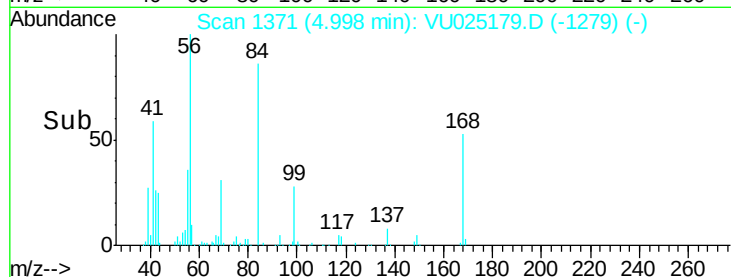
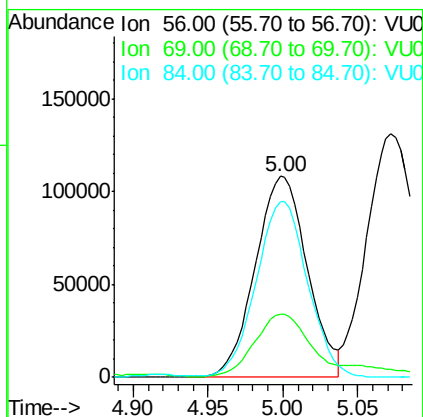
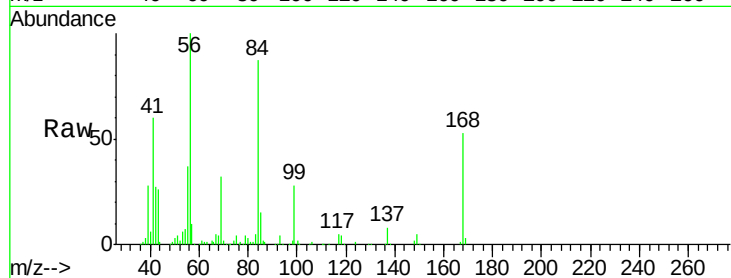




#31
Cyclohexane
Concen: 71.709 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025179.D
Acq: 03 Jul 2018 07:05

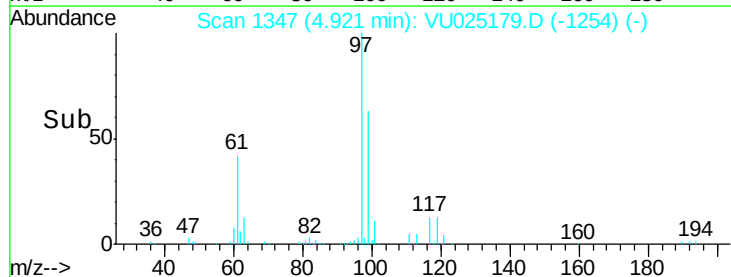
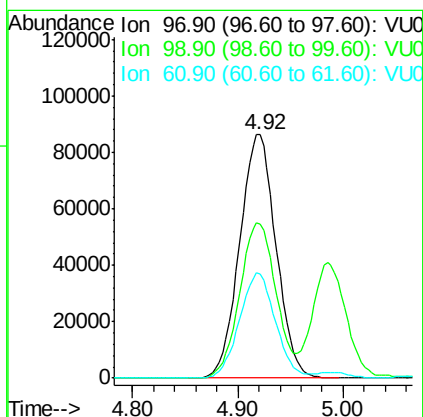
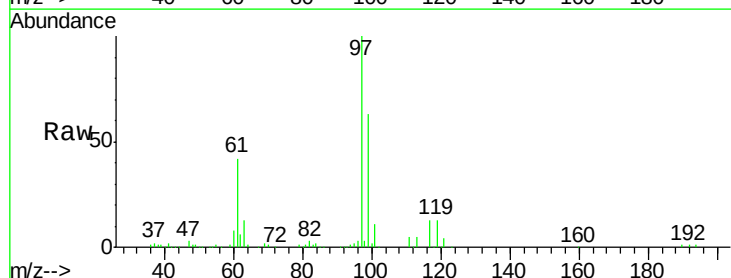
Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818MSD

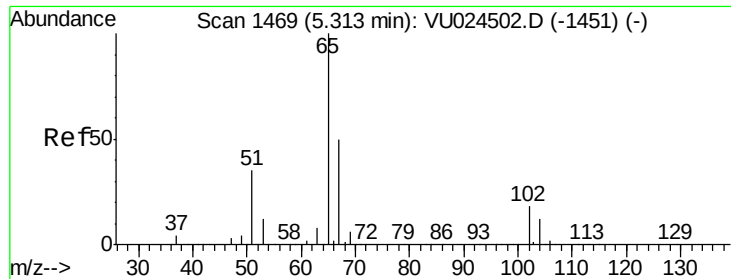
Tot Ion: 56 Resp: 261399
Ion Ratio Lower Upper
56 100
69 31.1 24.8 37.2
84 86.5 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 53.256 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VU025179.D
Acq: 03 Jul 2018 07:05

Tgt Ion: 97 Resp: 207088
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.6
61 42.7 39.4 59.0

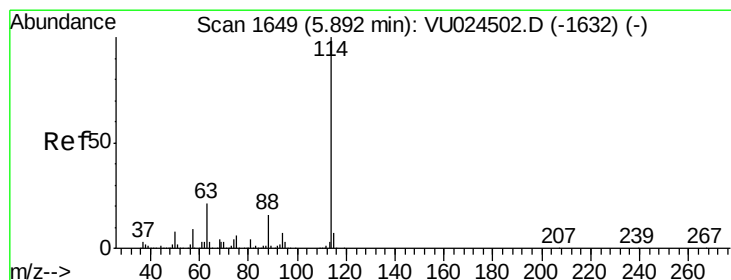
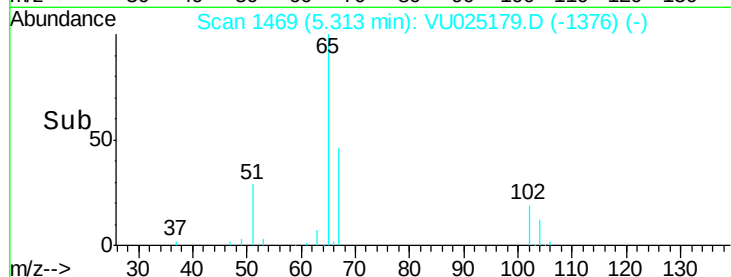
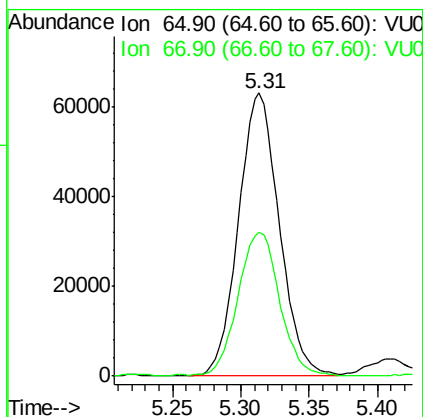
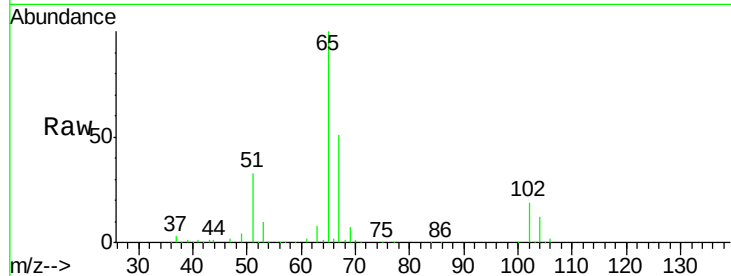




#33
 1,2-Dichloroethane-d4
 Concen: 46.393 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025179.D
 Acq: 03 Jul 2018 07:05

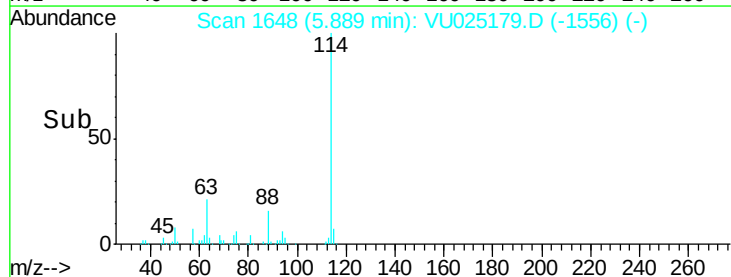
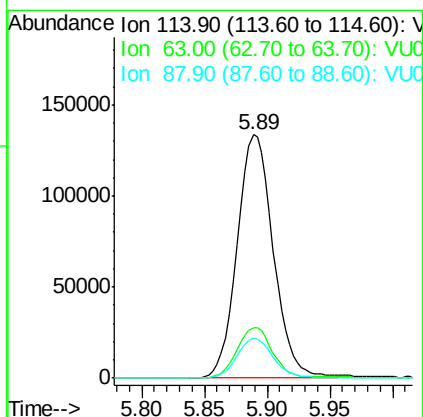
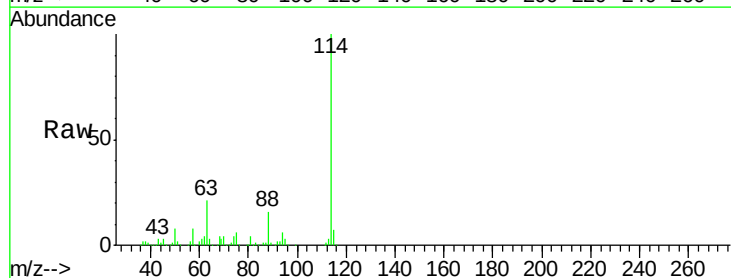
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MSD

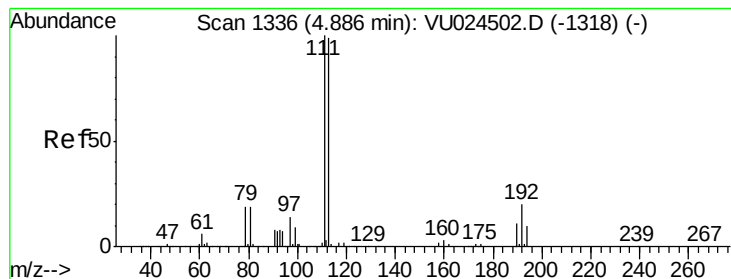
Tot Ion: 65 Resp: 130510
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025179.D
 Acq: 03 Jul 2018 07:05

Tgt Ion: 114 Resp: 267444
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 45.4
 88 16.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.763 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MSD

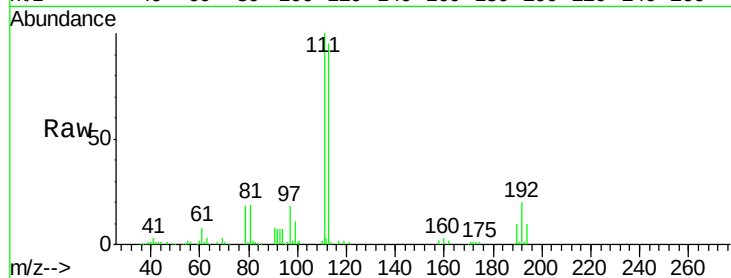
Tot Ion:113 Resp: 110453

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

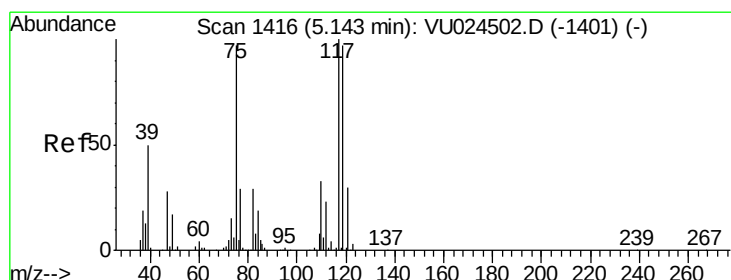
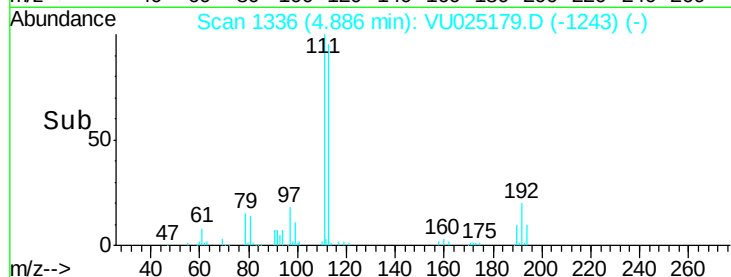
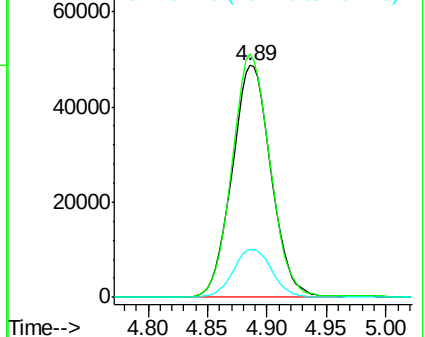
192 20.7 16.2 24.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.291 ug/l

RT: 5.14 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

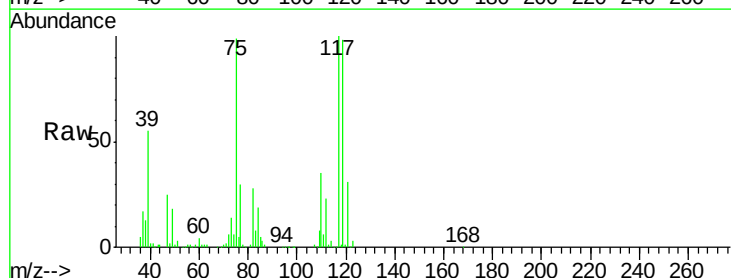
Tgt Ion: 75 Resp: 164335

Ion Ratio Lower Upper

75 100

110 36.4 17.0 50.9

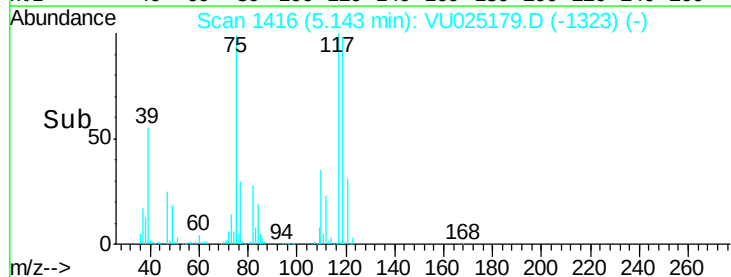
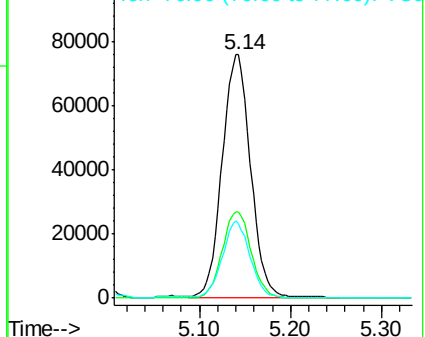
77 30.3 24.2 36.4

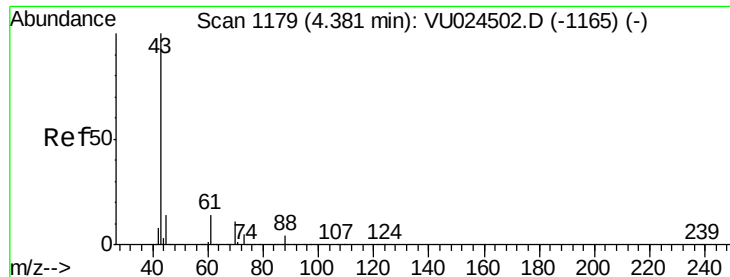


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

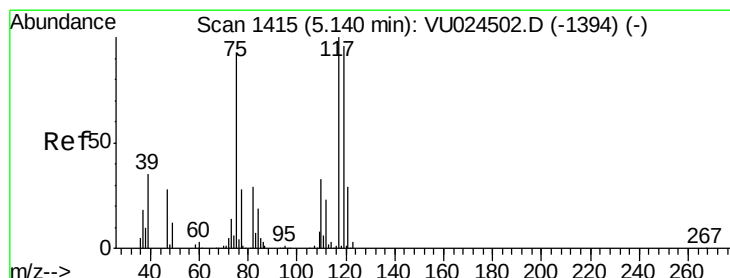
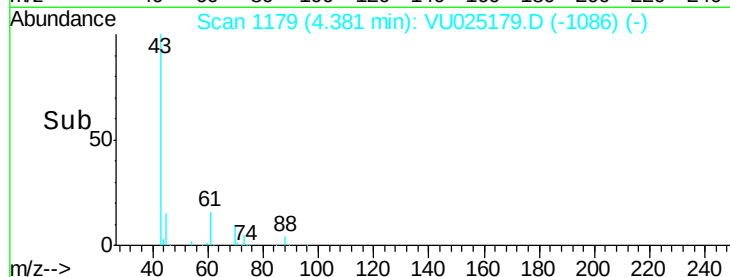
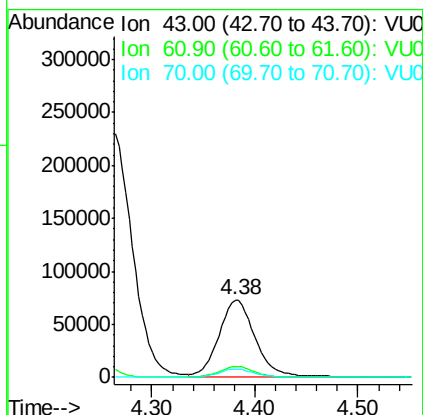
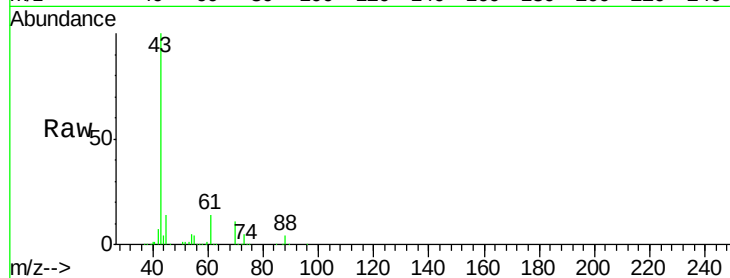




#37
Ethyl Acetate
Concen: 50.897 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU025179.D
Acq: 03 Jul 2018 07:05

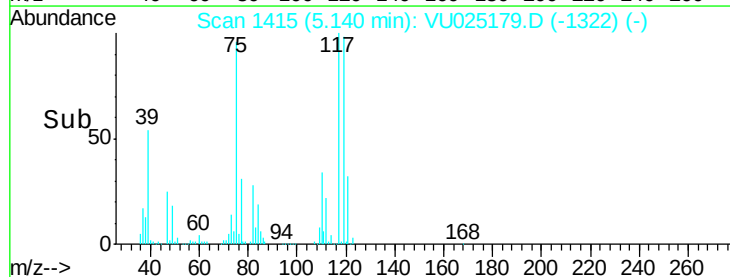
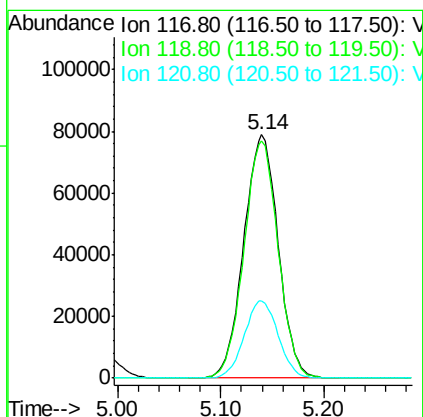
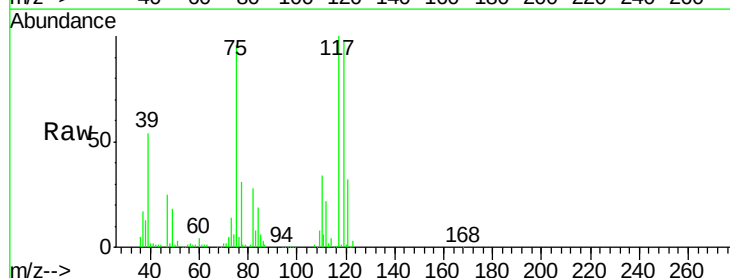
Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818MSD

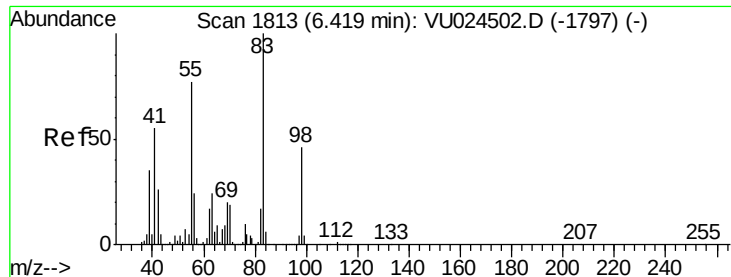
Tot Ion	43	Resp	174336
Ion Ratio	Lower	Upper	
43	100		
61	13.4	10.5	15.7
70	10.9	7.4	11.2



#38
Carbon Tetrachloride
Concen: 52.896 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU025179.D
Acq: 03 Jul 2018 07:05

Tgt Ion	117	Resp	182802
Ion Ratio	Lower	Upper	
117	100		
119	97.6	76.1	114.1
121	31.7	23.7	35.5

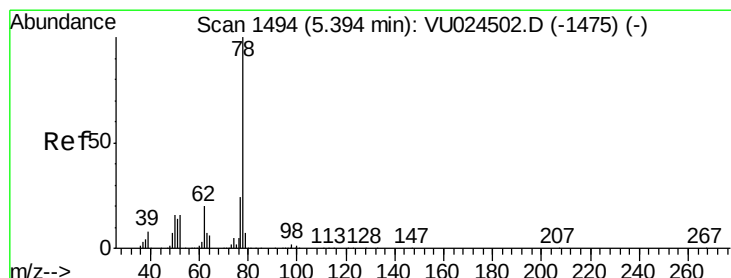
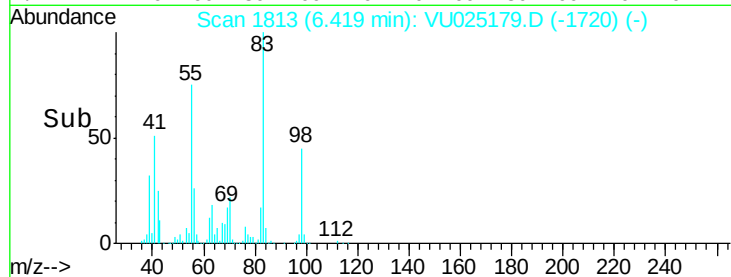
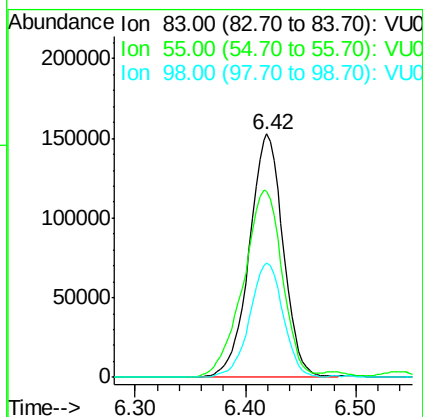
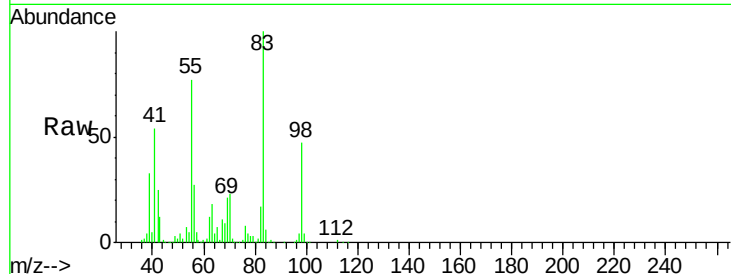




#39
Methylvlcyclohexane
Concen: 82.676 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU025179.D
Acq: 03 Jul 2018 07:05

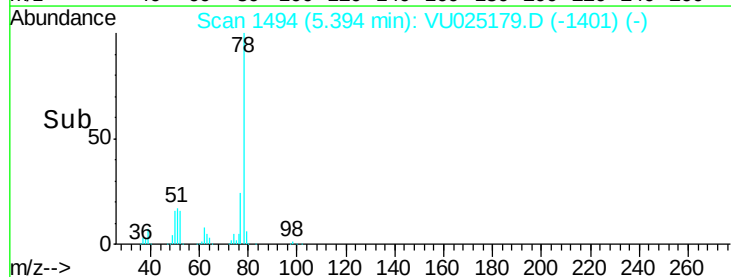
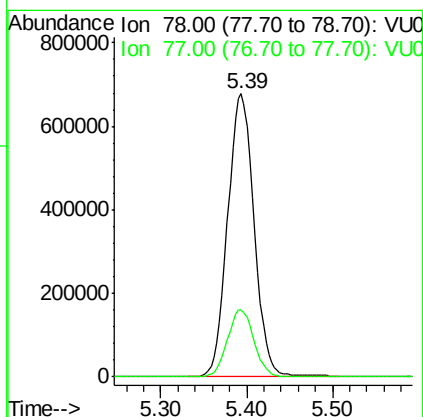
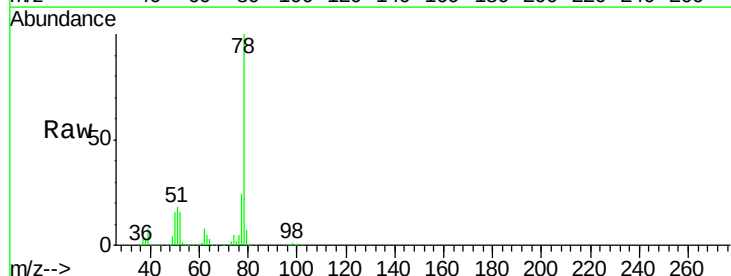
Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818MSD

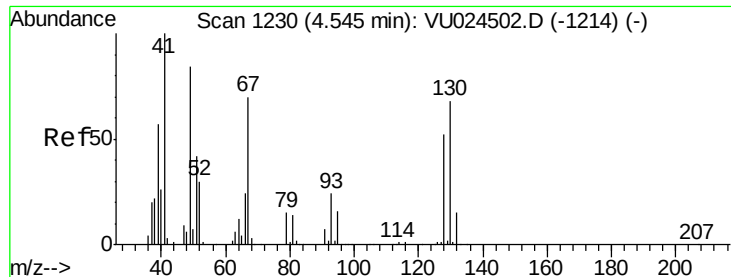
Tot Ion	83	Resp	324239
Ion	Ratio	Lower	Upper
83	100		
55	76.5	65.8	98.6
98	46.9	36.7	55.1



#40
Benzene
Concen: 161.922 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU025179.D
Acq: 03 Jul 2018 07:05

Tgt Ion	78	Resp	1449996
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.2	28.8

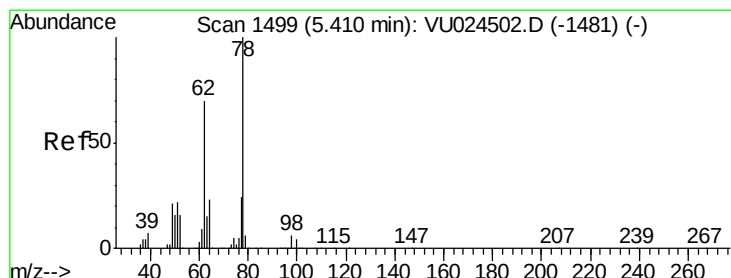
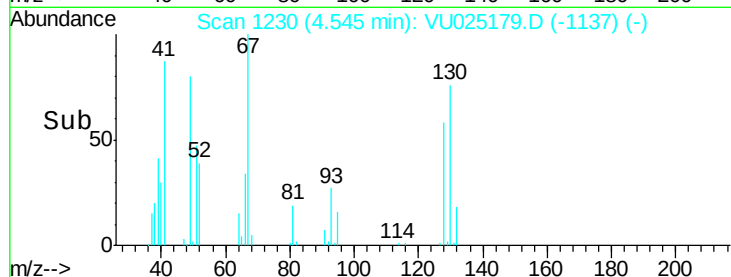
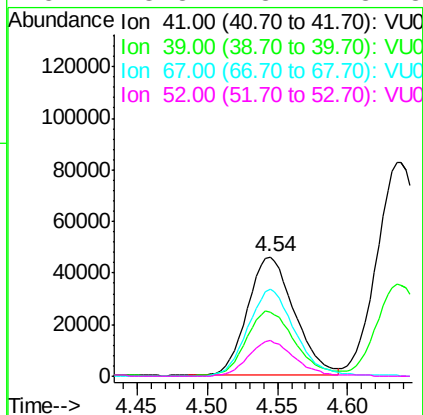
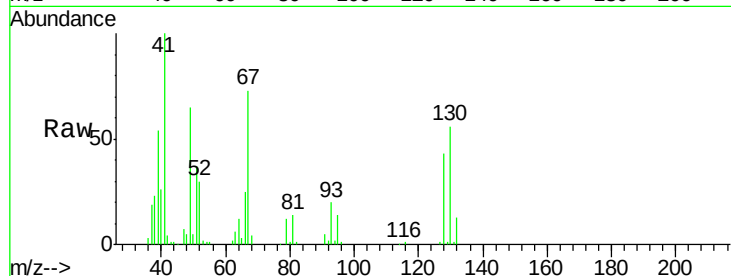




#41
Methacrylonitrile
Concen: 58.228 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VU025179.D
Acq: 03 Jul 2018 07:05

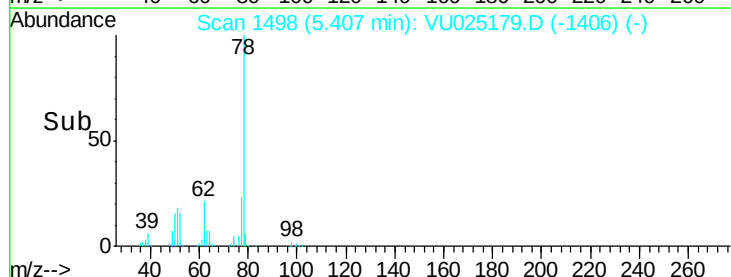
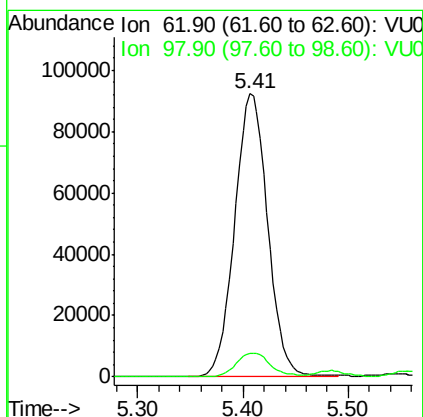
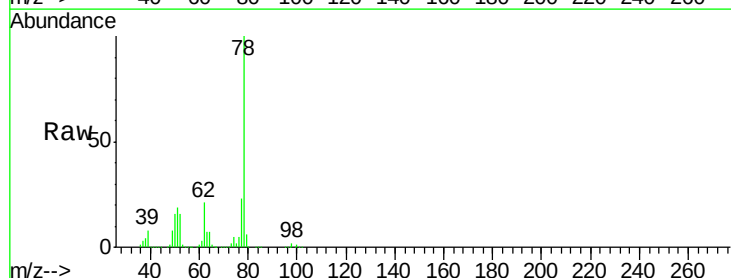
Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818MSD

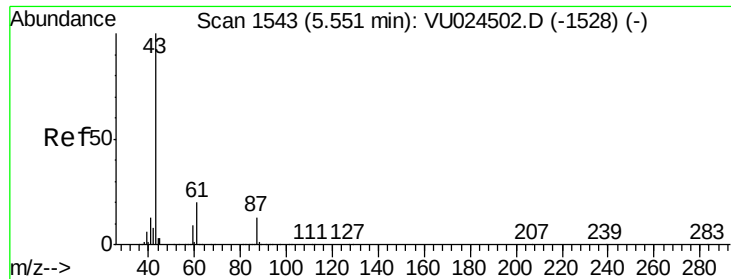
Tot Ion:	41	Resp:	107534
Ion	Ratio	Lower	Upper
41	100		
39	55.8	43.8	65.6
67	73.8	56.3	84.5
52	28.8	23.2	34.8



#42
1,2-Dichloroethane
Concen: 58.907 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025179.D
Acq: 03 Jul 2018 07:05

Tgt Ion:	62	Resp:	200909
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.6





#43

Isopropyl Acetate

Concen: 55.986 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MSD

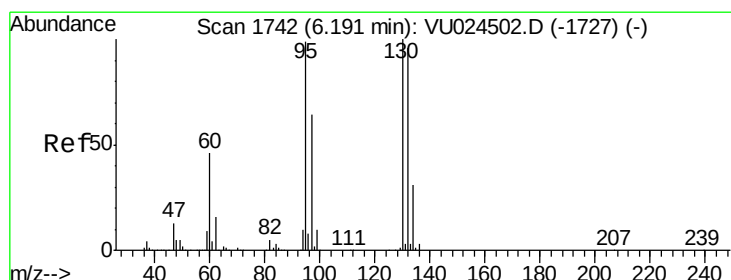
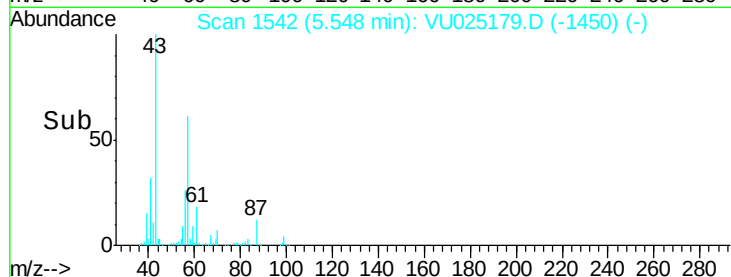
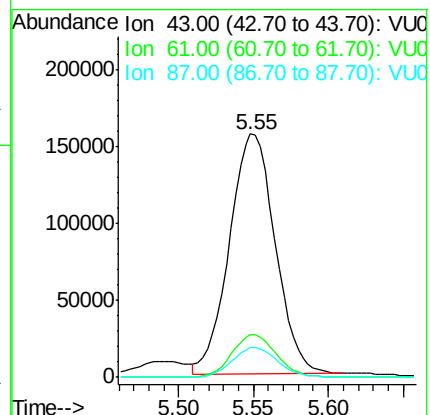
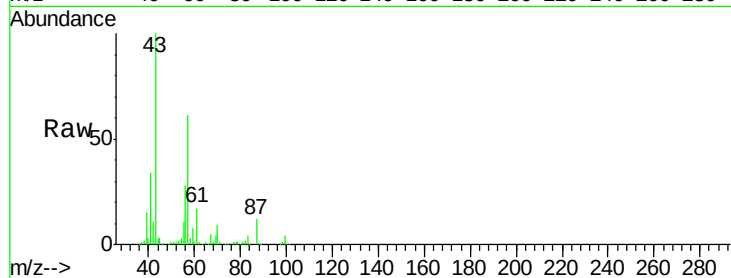
Tot Ion: 43 Resp: 331480

Ion Ratio Lower Upper

43 100

61 17.4 15.4 23.0

87 12.5 10.0 15.0



#44

Trichloroethene

Concen: 53.643 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU025179.D

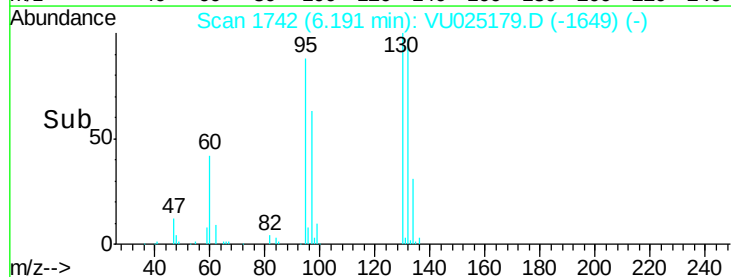
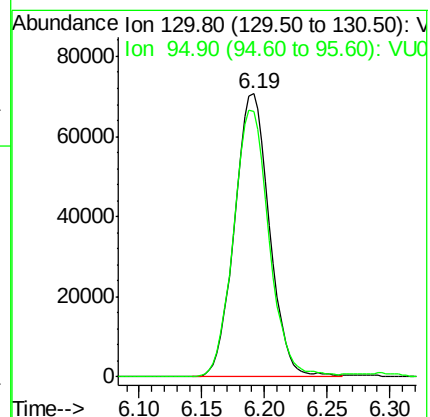
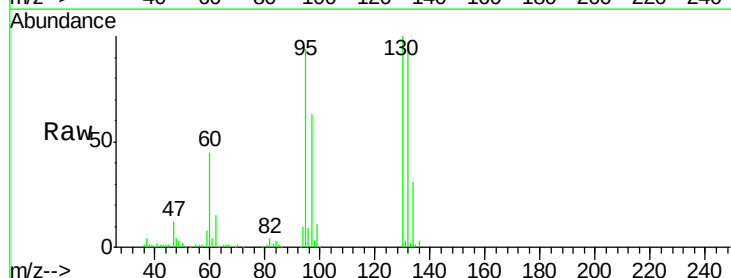
Acq: 03 Jul 2018 07:05

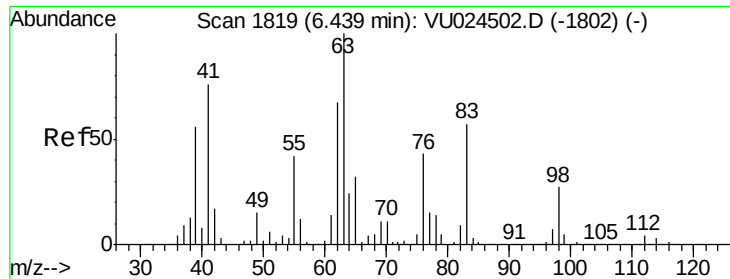
Tgt Ion:130 Resp: 136711

Ion Ratio Lower Upper

130 100

95 93.6 0.0 202.4

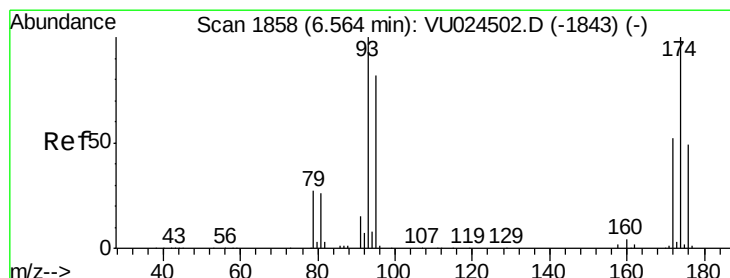
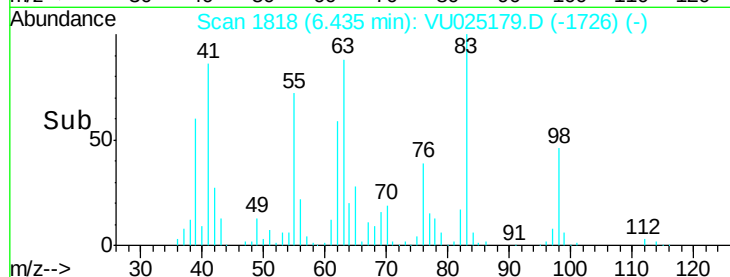
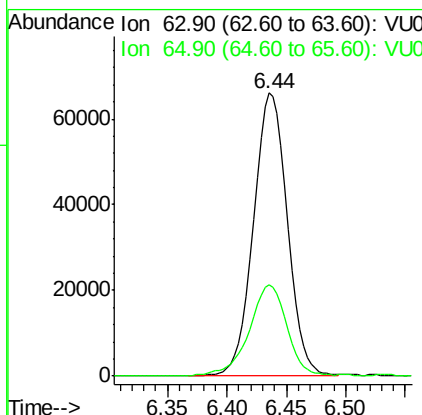
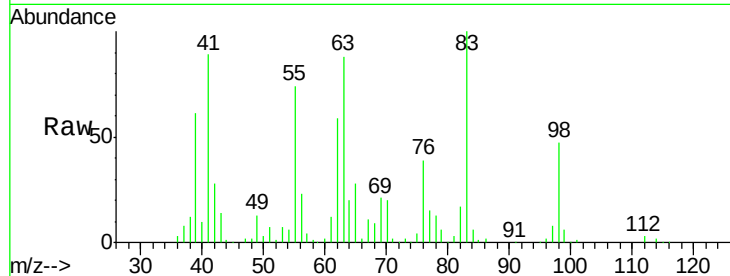




#45
 1,2-Dichloropropane
 Concen: 54.738 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU025179.D
 Acq: 03 Jul 2018 07:05

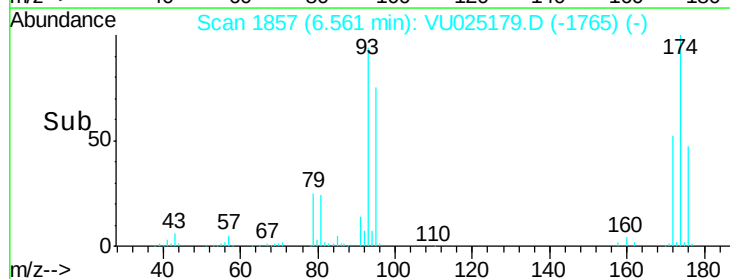
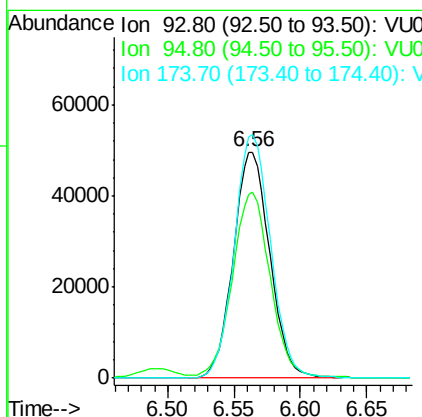
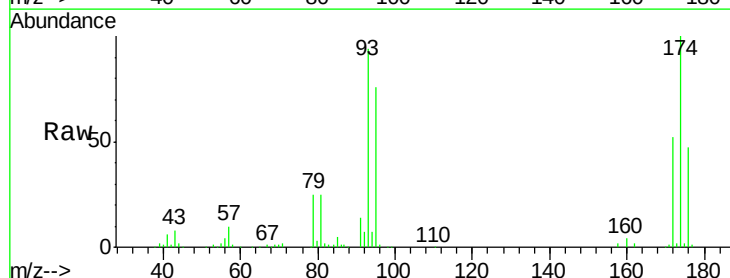
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MSD

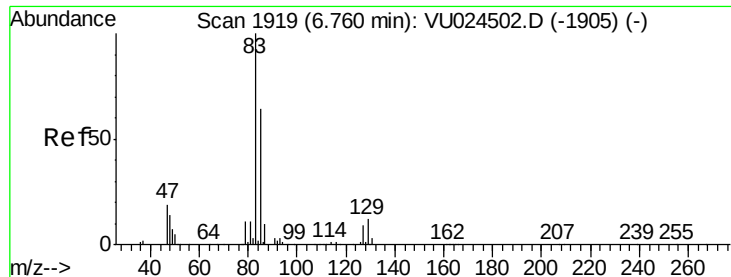
Tot Ion: 63 Resp: 130791
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.8 37.2



#46
 Dibromomethane
 Concen: 56.550 ug/l
 RT: 6.56 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: VU025179.D
 Acq: 03 Jul 2018 07:05

Tgt Ion: 93 Resp: 94910
 Ion Ratio Lower Upper
 93 100
 95 83.8 65.5 98.3
 174 107.2 78.7 118.1





#47

Bromodichloromethane

Concen: 53.710 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MSD

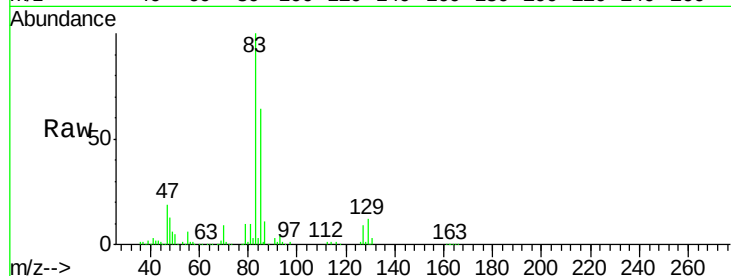
Tot Ion: 83 Resp: 179500

Ion Ratio Lower Upper

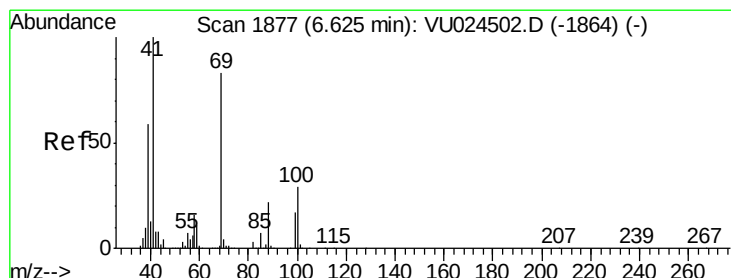
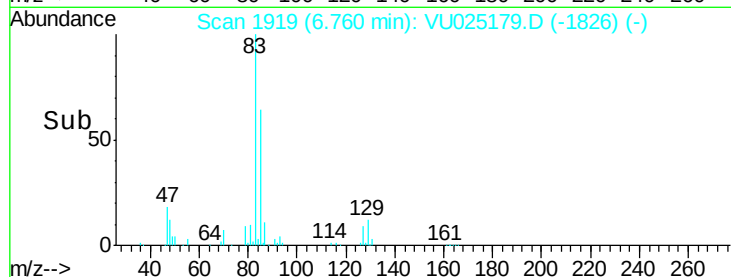
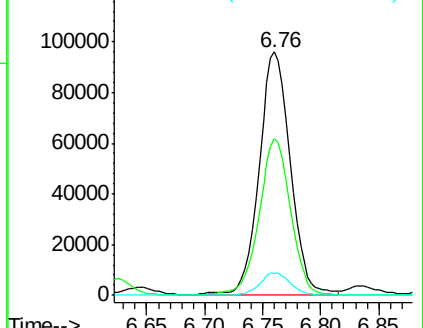
83 100

85 64.4 51.9 77.9

127 9.1 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: 64.582 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

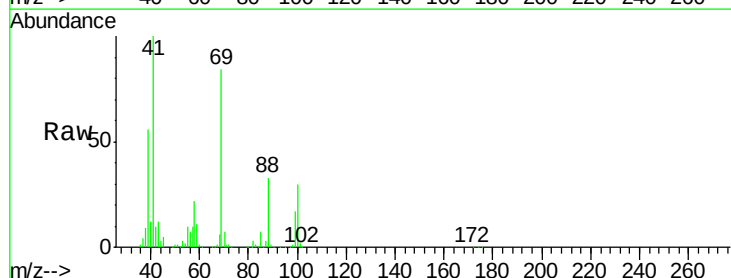
Tgt Ion: 41 Resp: 186193

Ion Ratio Lower Upper

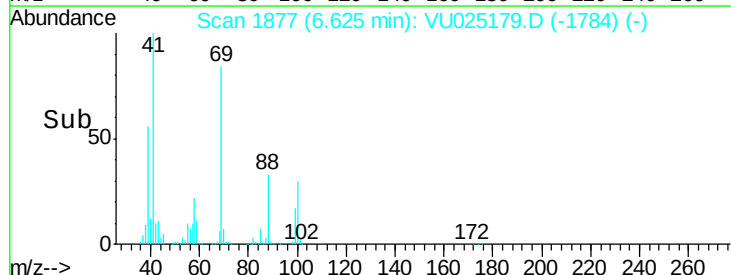
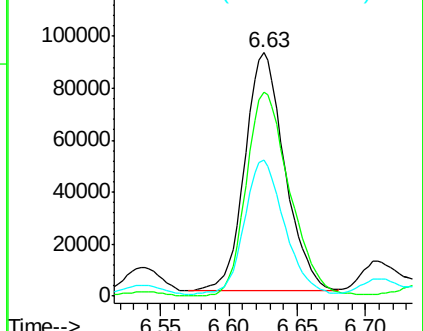
41 100

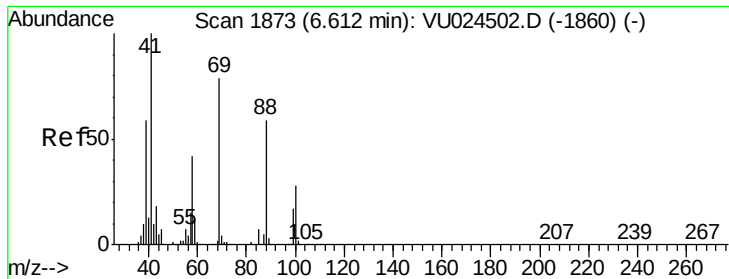
69 92.6 67.3 100.9

39 55.5 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

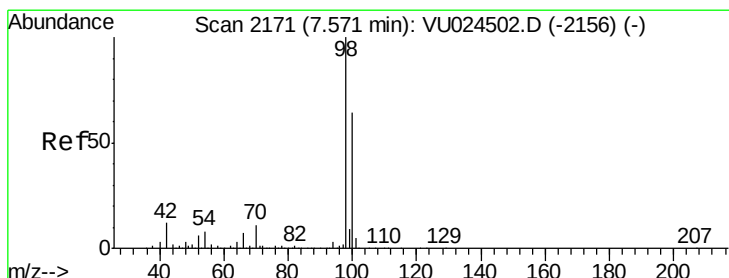
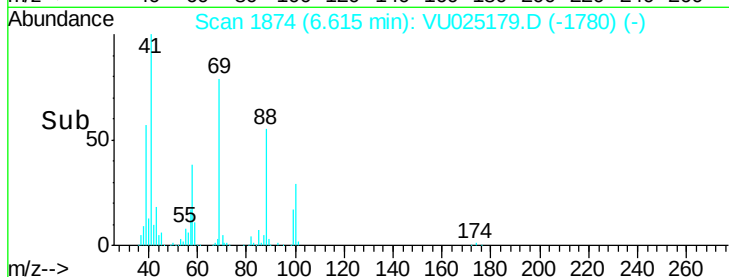
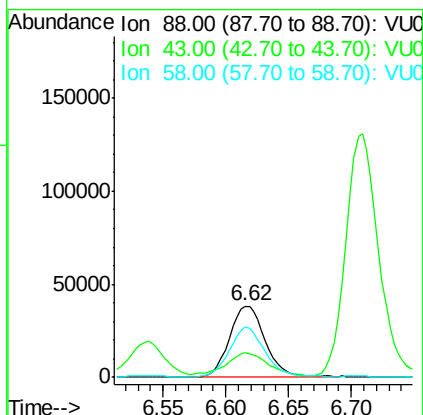
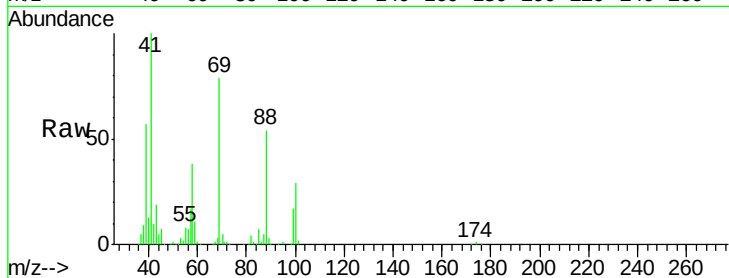




#49
 1,4-Dioxane
 Concen: 1334.082 ug/l
 RT: 6.62 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: VU025179.D
 Acq: 03 Jul 2018 07:05

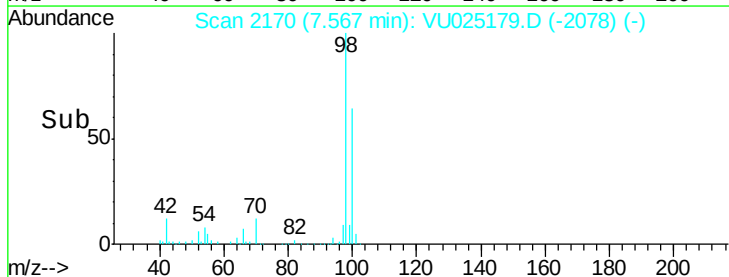
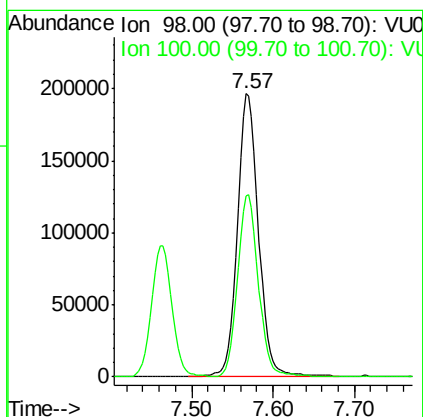
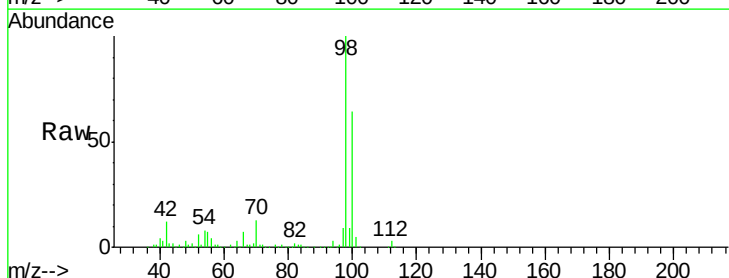
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MSD

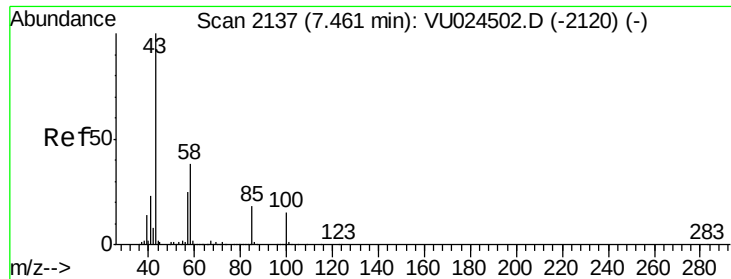
Tot Ion: 88 Resp: 75218
 Ion Ratio Lower Upper
 88 100
 43 38.4 28.6 42.8
 58 68.6 58.2 87.4



#50
 Toluene-d8
 Concen: 43.896 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU025179.D
 Acq: 03 Jul 2018 07:05

Tgt Ion: 98 Resp: 355389
 Ion Ratio Lower Upper
 98 100
 100 63.0 51.1 76.7

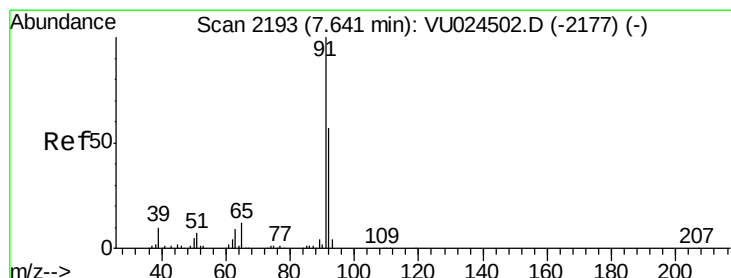
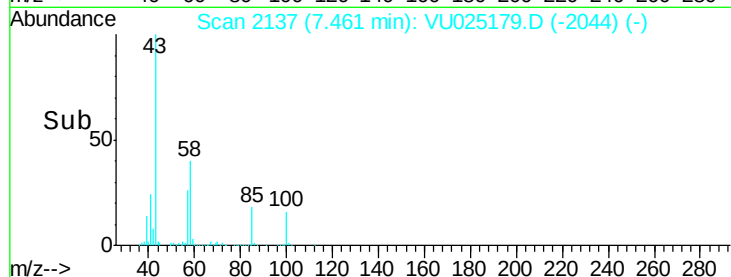
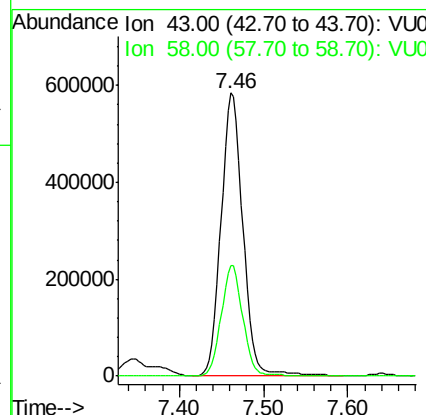
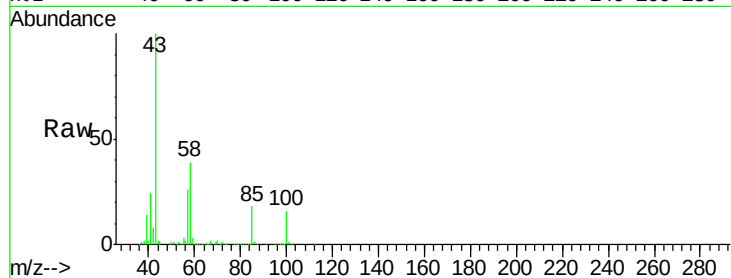




#51
 4-Methyl-2-Pentanone
 Concen: 280.909 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU025179.D
 Acq: 03 Jul 2018 07:05

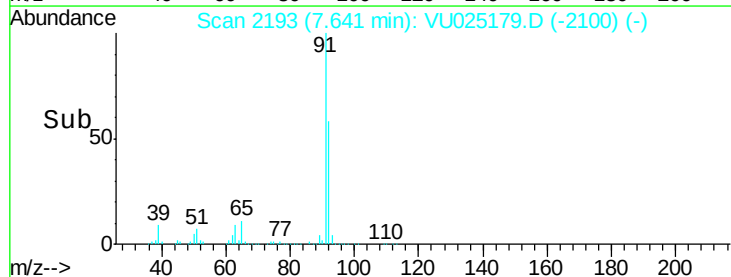
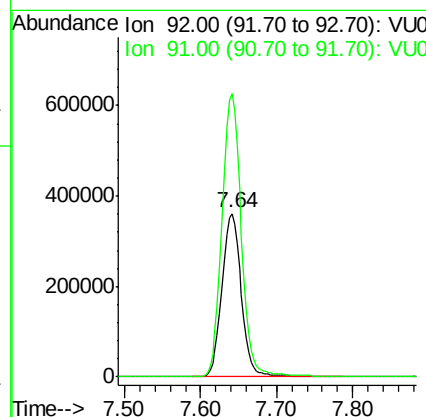
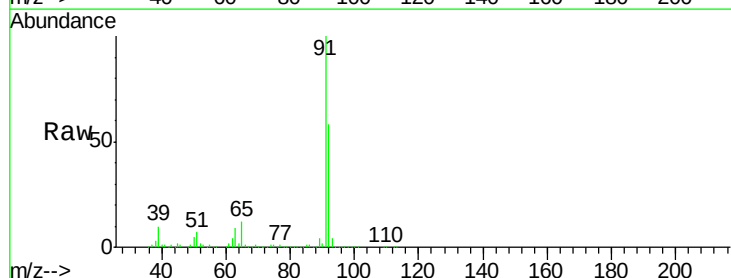
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MSD

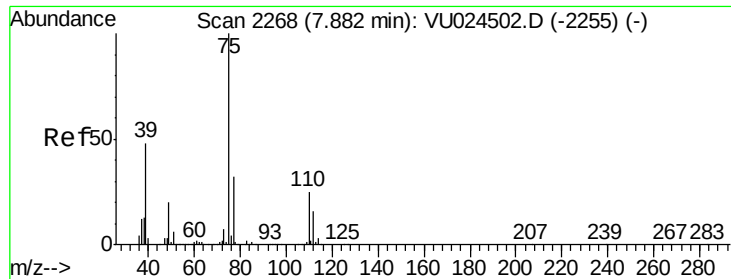
Tot Ion: 43 Resp: 1044907
 Ion Ratio Lower Upper
 43 100
 58 38.8 30.0 45.0



#52
 Toluene
 Concen: 110.648 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VU025179.D
 Acq: 03 Jul 2018 07:05

Tgt Ion: 92 Resp: 637474
 Ion Ratio Lower Upper
 92 100
 91 174.4 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 47.806 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

Instrument :

MSVOA_U

ClientSampleId :

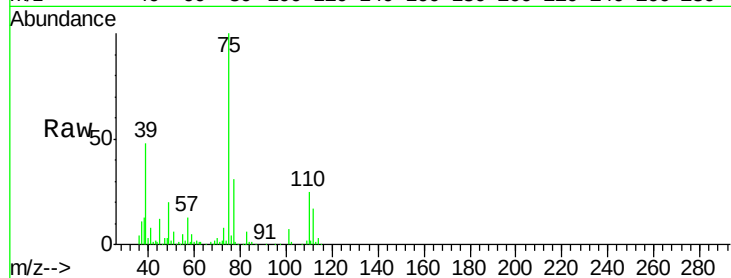
MW-1-062818MSD

Tot Ion: 75 Resp: 179423

Ion Ratio Lower Upper

75 100

77 30.9 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

7.88

120000

100000

80000

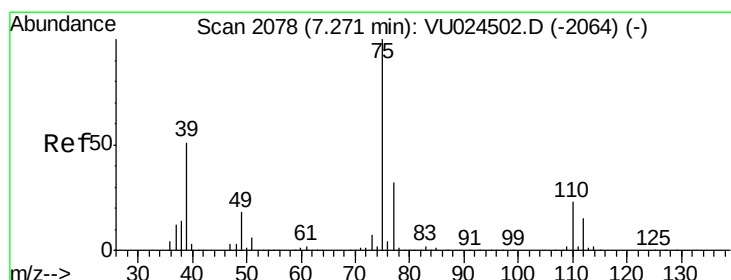
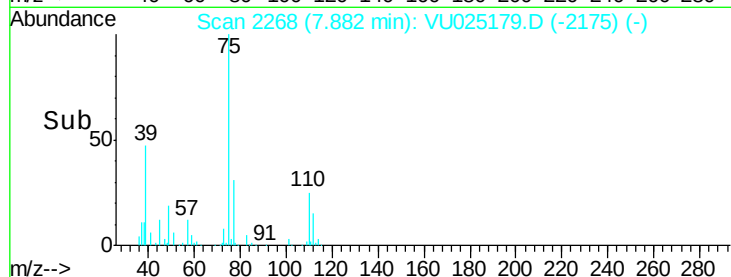
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 46.711 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. -0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

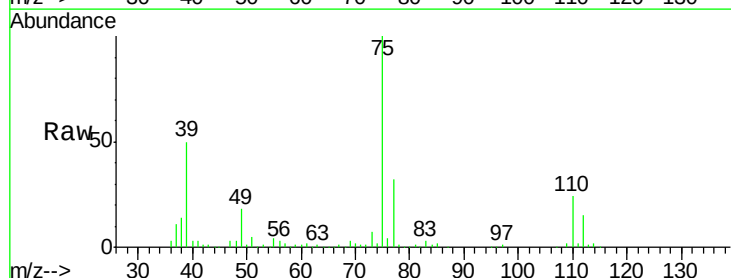
Tgt Ion: 75 Resp: 186805

Ion Ratio Lower Upper

75 100

77 31.7 24.6 36.8

39 46.5 39.8 59.6



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

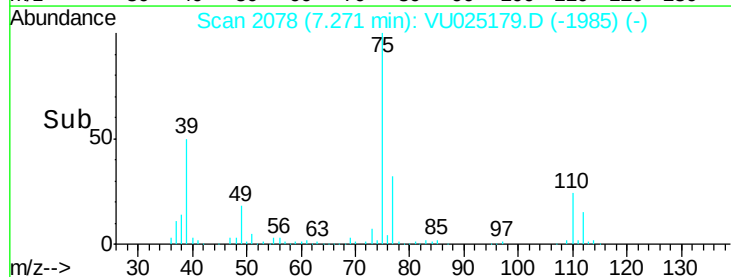
150000

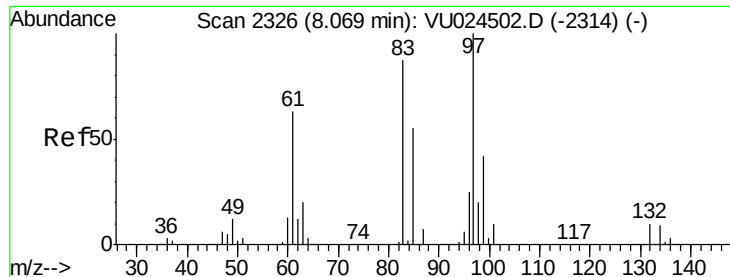
100000

50000

0

Time-->

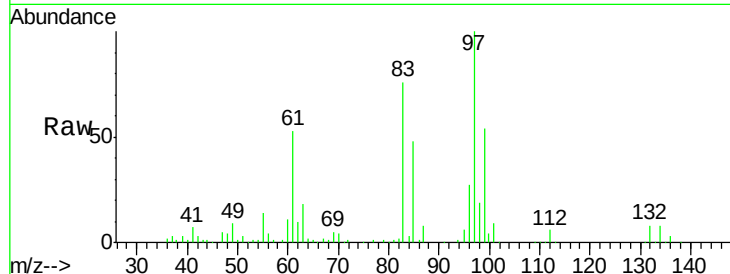




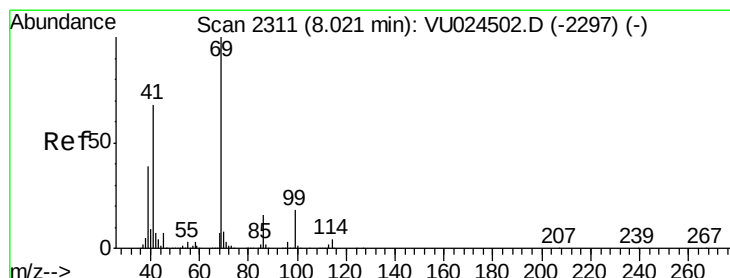
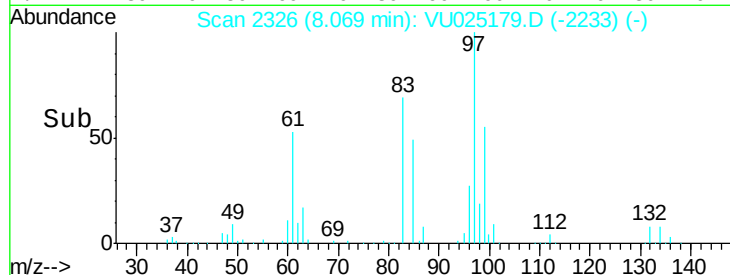
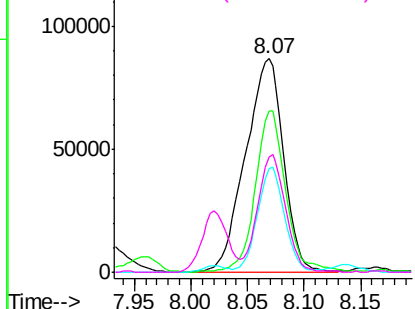
#55
 1,1,2-Trichloroethane
 Concen: 86.686 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU025179.D
 Acq: 03 Jul 2018 07:05

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MSD

Tot Ion:	97	Resp:	203009
Ion	Ratio	Lower	Upper
97	100		
83	75.7	70.5	105.7
85	48.1	46.4	69.6
99	53.7	50.2	75.2

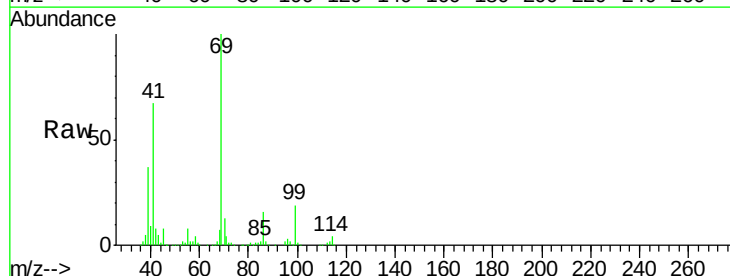


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

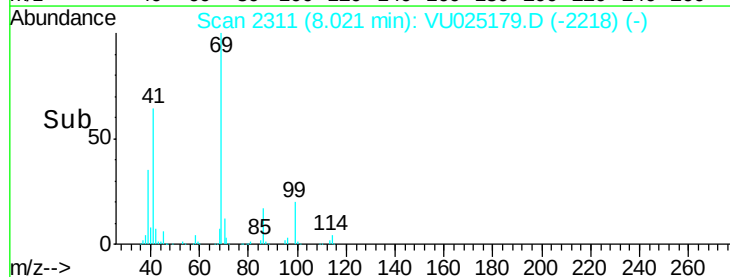
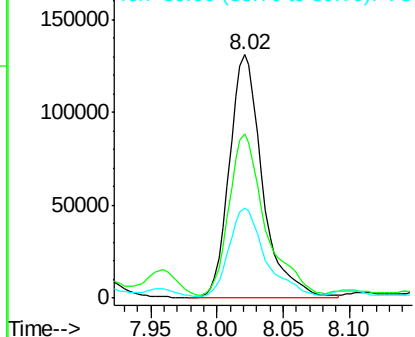


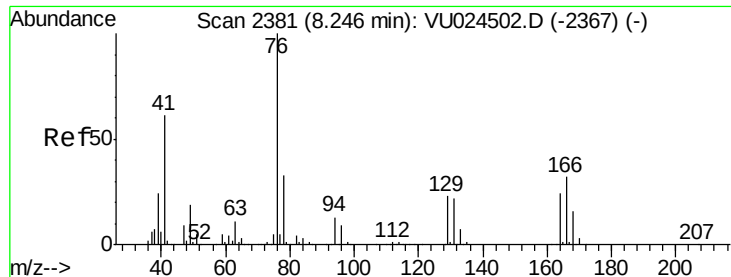
#56
 Ethyl methacrylate
 Concen: 57.818 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU025179.D
 Acq: 03 Jul 2018 07:05

Tgt Ion:	69	Resp:	226630
Ion	Ratio	Lower	Upper
69	100		
41	72.1	54.1	81.1
39	39.4	30.3	45.5



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

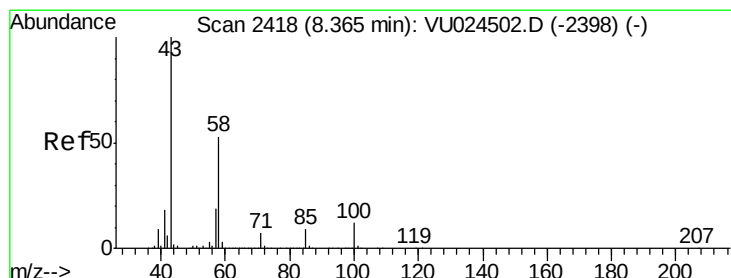
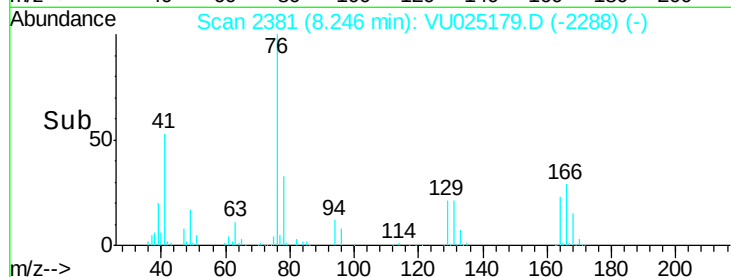
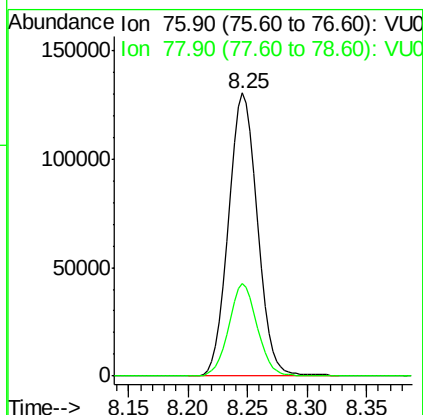
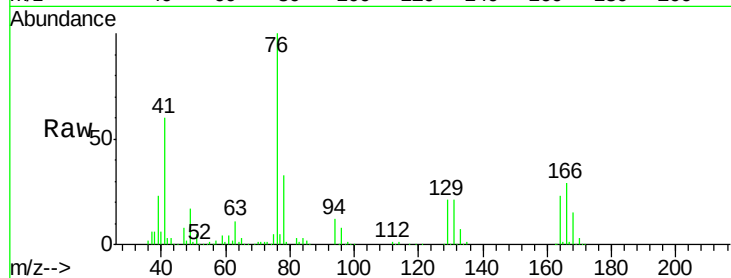




#57
 1,3-Dichloropropane
 Concen: 55.722 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU025179.D
 Acq: 03 Jul 2018 07:05

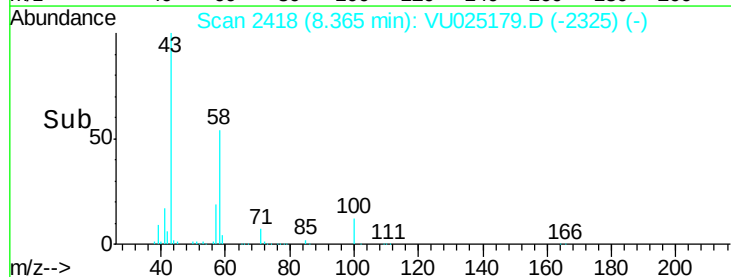
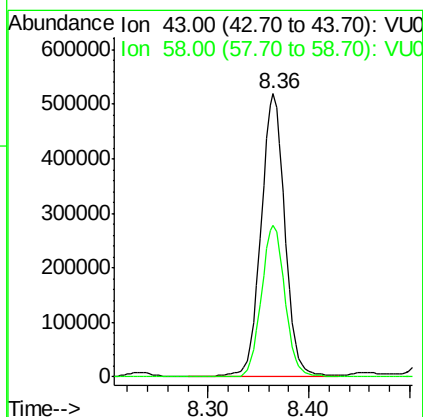
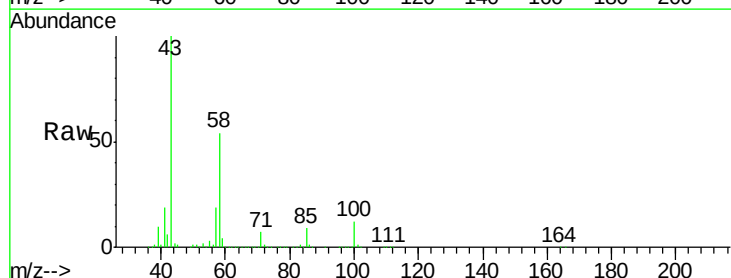
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MSD

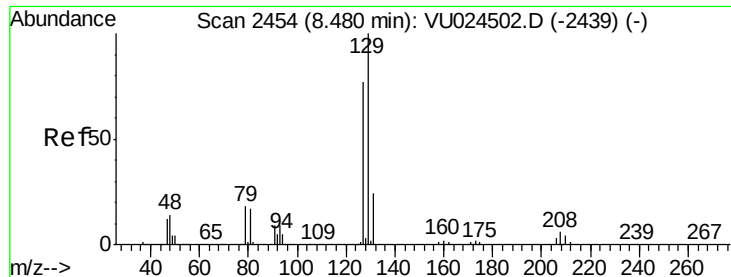
Tot Ion: 76 Resp: 220134
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.2 37.8



#59
 2-Hexanone
 Concen: 280.240 ug/l
 RT: 8.36 min Scan# 2418
 Delta R.T. -0.00 min
 Lab File: VU025179.D
 Acq: 03 Jul 2018 07:05

Tgt Ion: 43 Resp: 851034
 Ion Ratio Lower Upper
 43 100
 58 53.0 26.4 79.0





#60

Dibromochloromethane

Concen: 50.939 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

Instrument :

MSVOA_U

ClientSampleId :

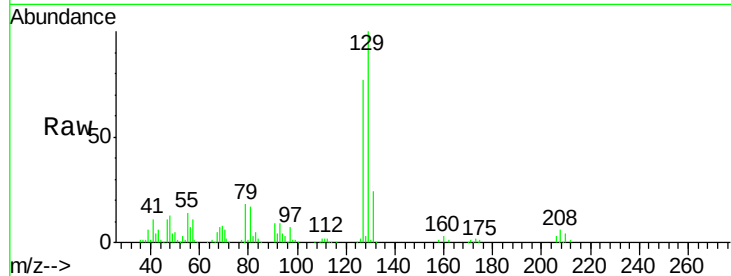
MW-1-062818MSD

Tot Ion:129 Resp: 148760

Ion Ratio Lower Upper

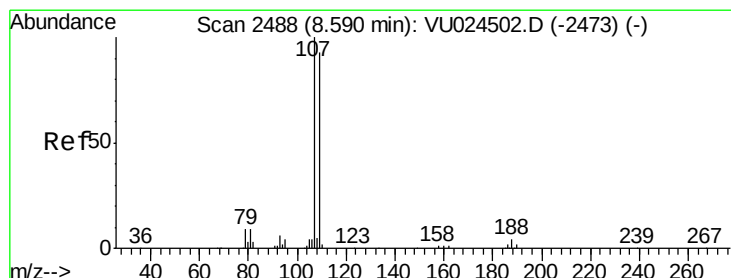
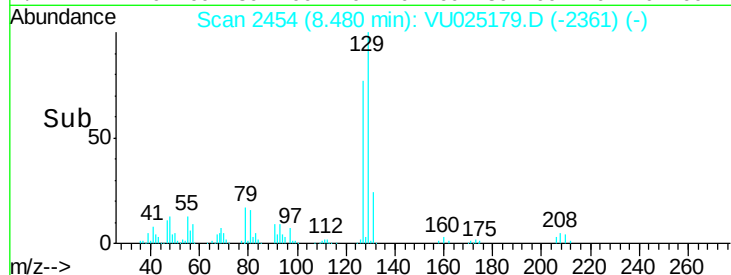
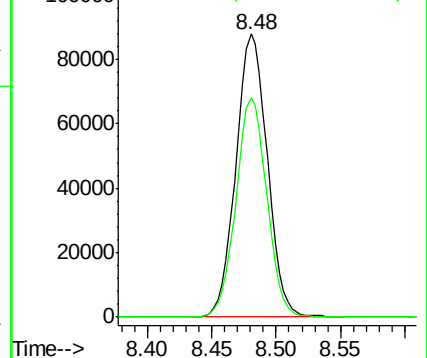
129 100

127 76.3 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: 55.756 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU025179.D

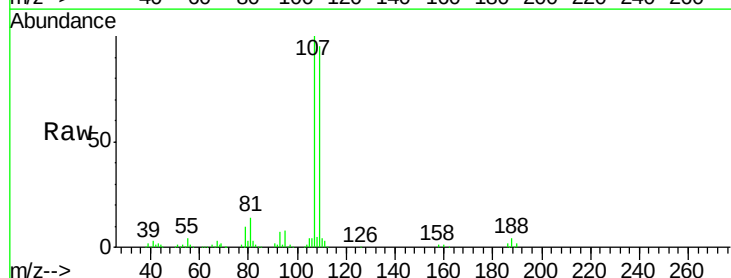
Acq: 03 Jul 2018 07:05

Tgt Ion:107 Resp: 145334

Ion Ratio Lower Upper

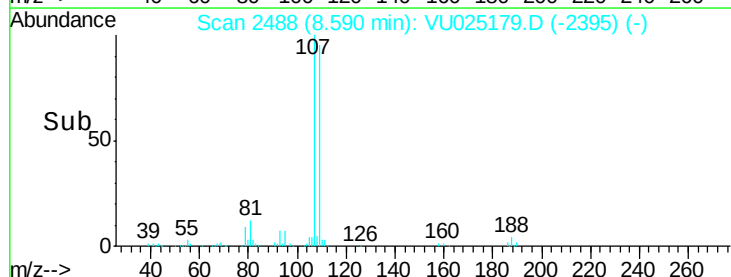
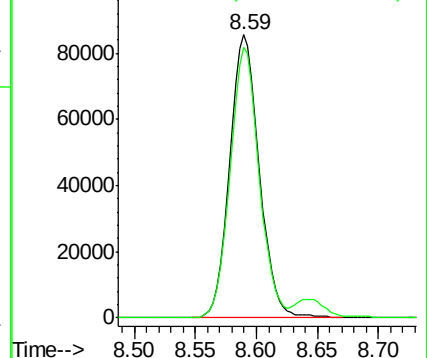
107 100

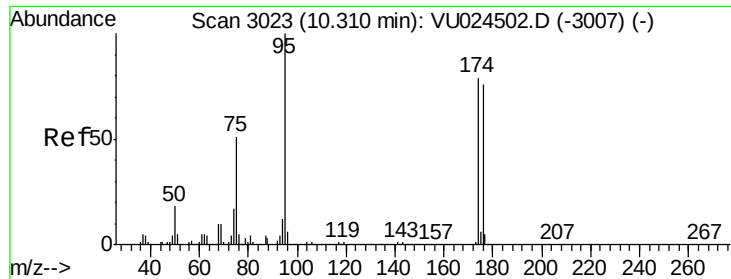
109 93.8 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 47.315 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MSD

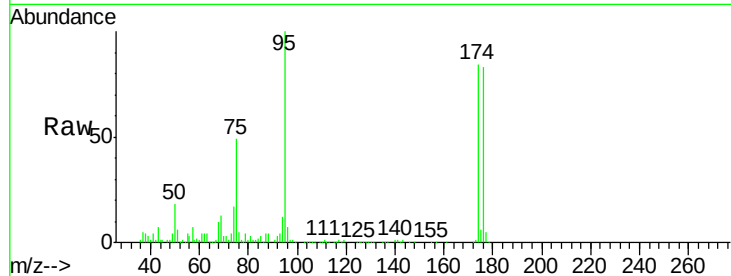
Tot Ion: 95 Resp: 152093

Ion Ratio Lower Upper

95 100

174 87.5 0.0 165.8

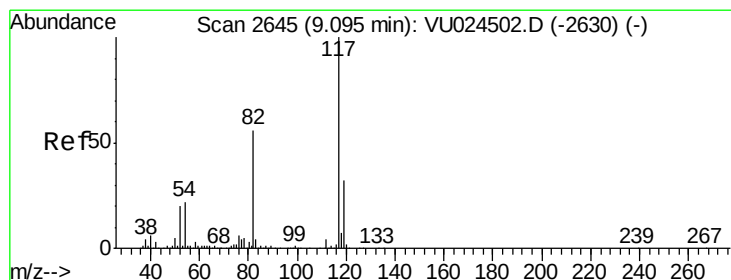
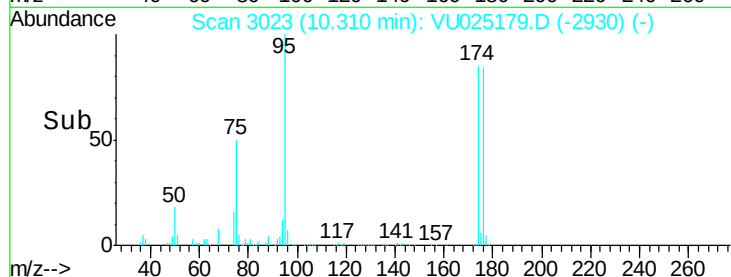
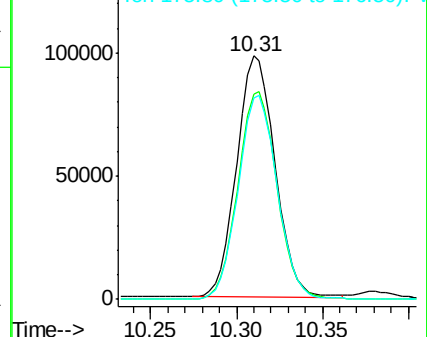
176 85.8 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU024502.D (-3007) (-)

Ion 173.80 (173.50 to 174.50): VU024502.D (-3007) (-)

Ion 175.80 (175.50 to 176.50): VU024502.D (-3007) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

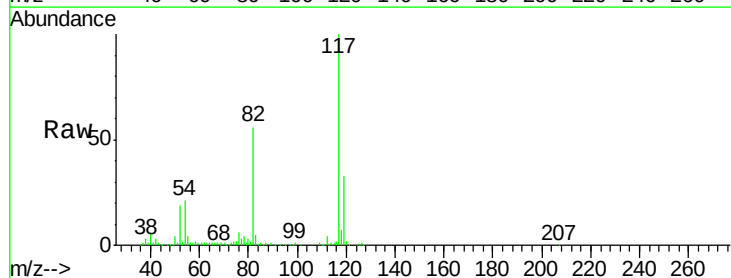
Tgt Ion: 117 Resp: 257870

Ion Ratio Lower Upper

117 100

82 55.2 44.3 66.5

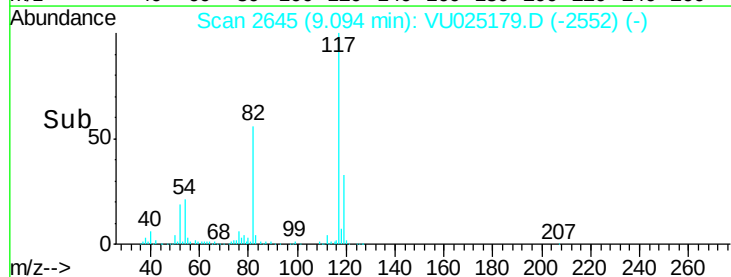
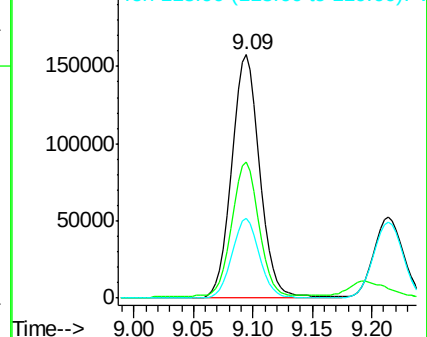
119 32.8 25.4 38.2

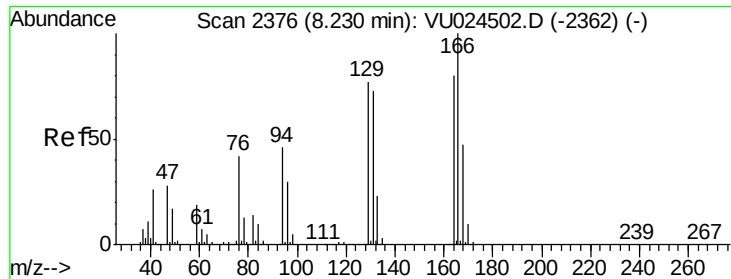


Abundance Ion 116.90 (116.60 to 117.60): VU024502.D (-2630) (-)

Ion 82.00 (81.70 to 82.70): VU024502.D (-2630) (-)

Ion 118.90 (118.60 to 119.60): VU024502.D (-2630) (-)

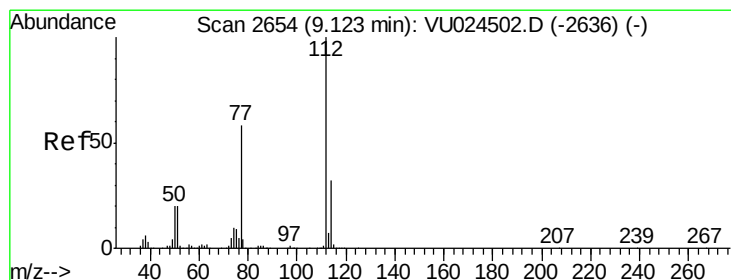
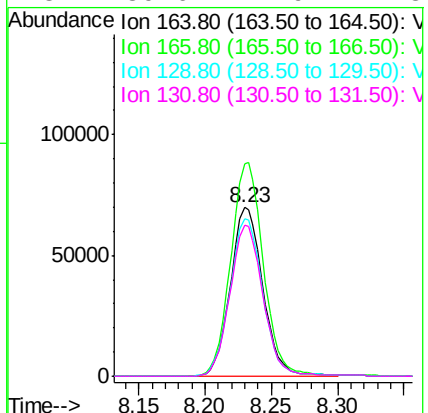
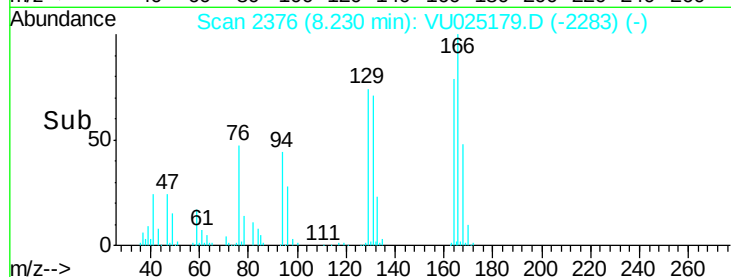
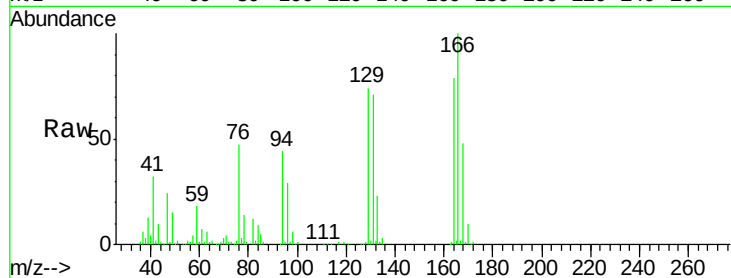




#64
Tetrachloroethene
Concen: 48.704 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU025179.D
Acq: 03 Jul 2018 07:05

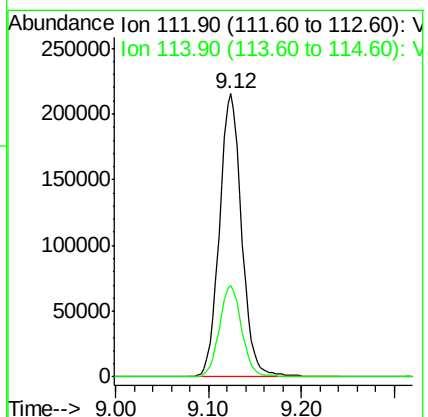
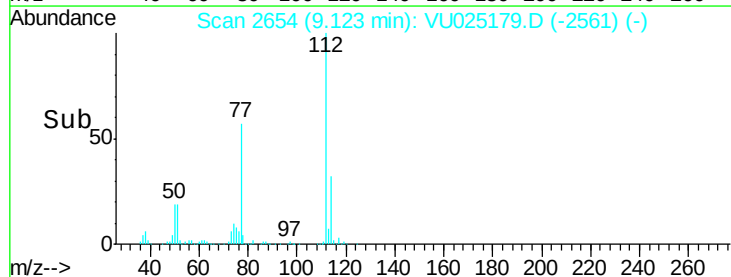
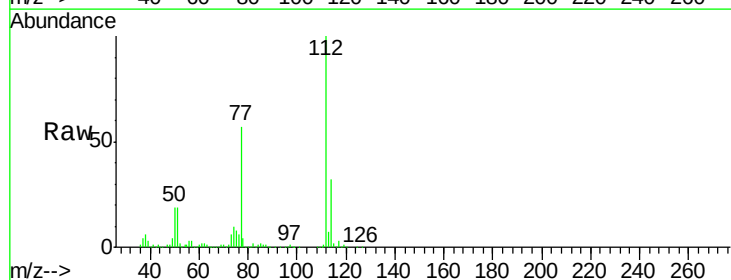
Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818MSD

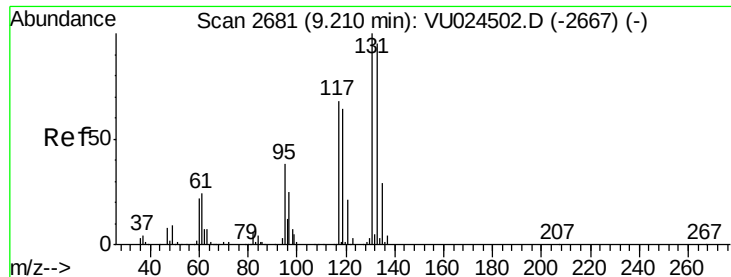
Tot Ion	Ratio	Lower	Upper
164	100		
166	126.0	101.7	152.5
129	93.3	76.9	115.3
131	89.6	74.9	112.3



#65
Chlorobenzene
Concen: 54.373 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU025179.D
Acq: 03 Jul 2018 07:05

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.6	38.4





#66

1,1,1,2-Tetrachloroethane

Concen: 53.260 ug/l

RT: 9.21 min Scan# 2682

Delta R.T. 0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MSD

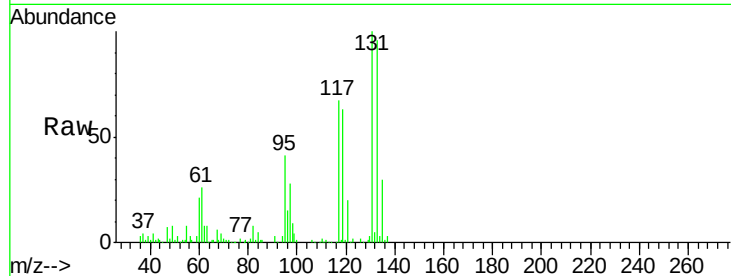
Tot Ion:131 Resp: 133297

Ion Ratio Lower Upper

131 100

133 96.5 46.9 140.8

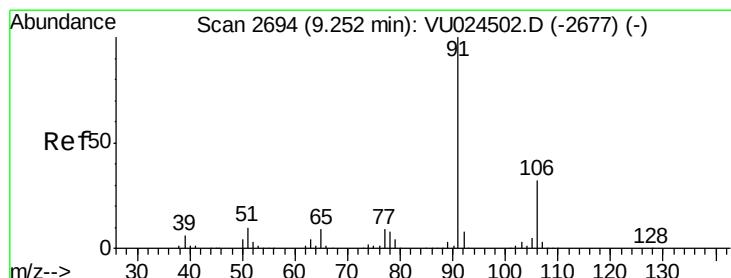
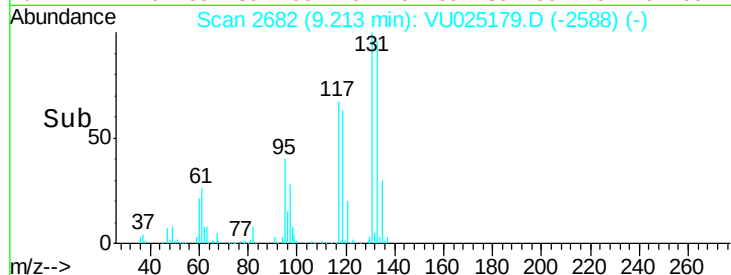
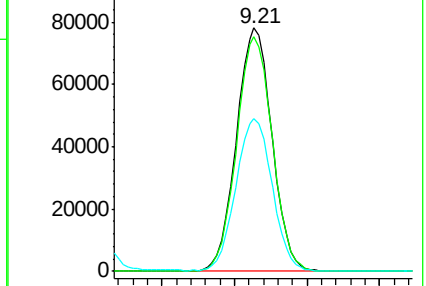
119 64.3 33.5 100.4



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: 1089.664 ug/l

RT: 9.26 min Scan# 2696

Delta R.T. 0.01 min

Lab File: VU025179.D

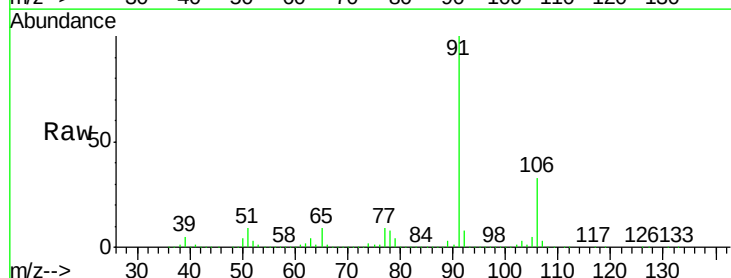
Acq: 03 Jul 2018 07:05

Tgt Ion: 91 Resp:12584125

Ion Ratio Lower Upper

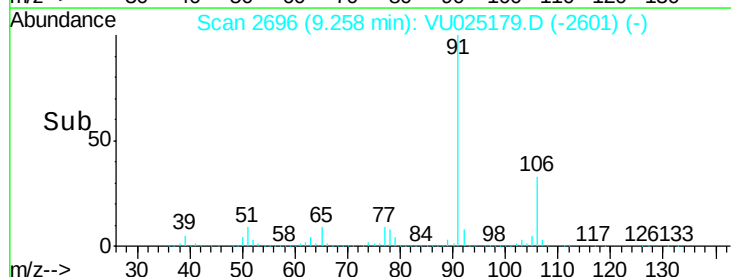
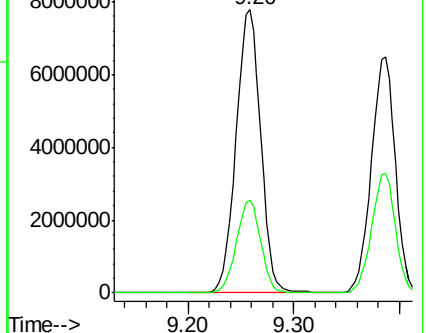
91 100

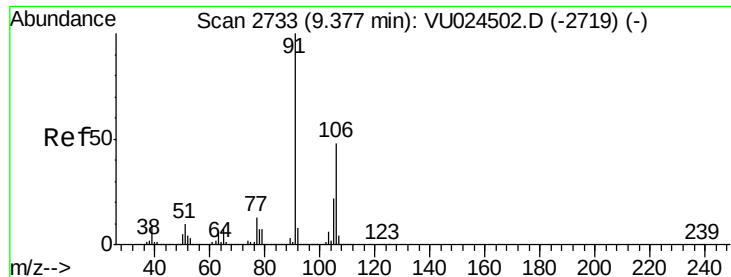
106 32.8 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

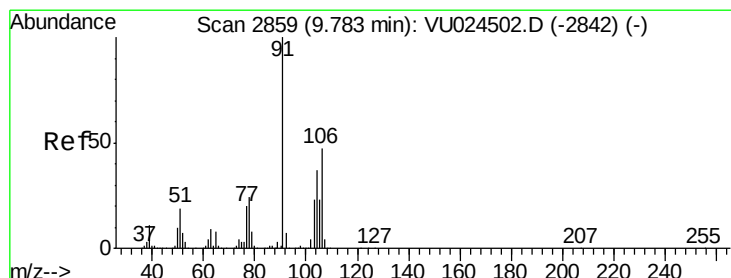
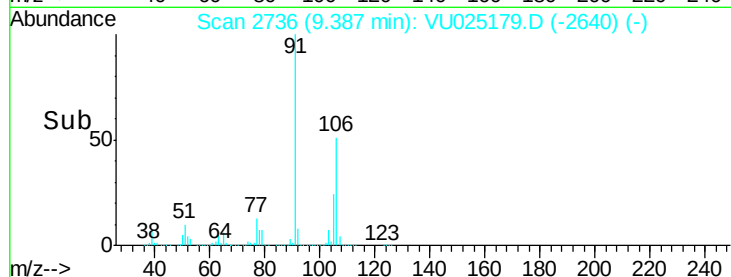
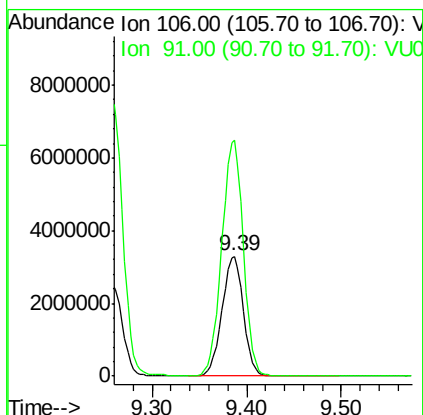
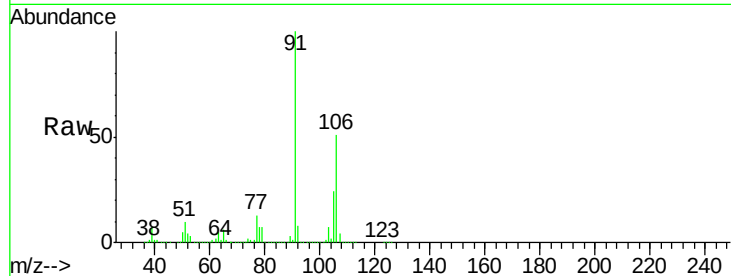




#68
m/p-Xylenes
Concen: 1163.193 ug/l
RT: 9.39 min Scan# 2736
Delta R.T. 0.01 min
Lab File: VU025179.D
Acq: 03 Jul 2018 07:05

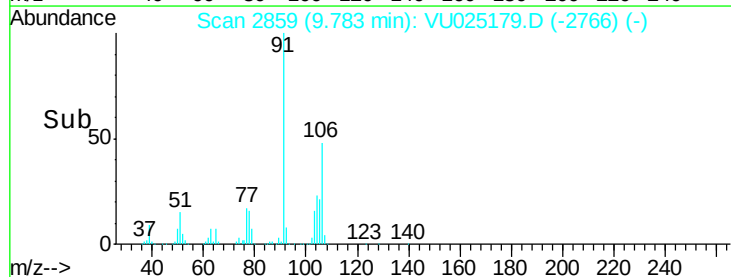
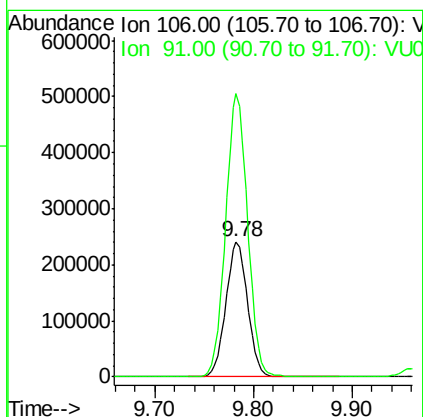
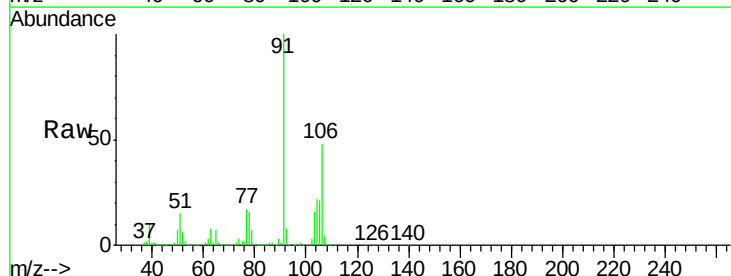
Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818MSD

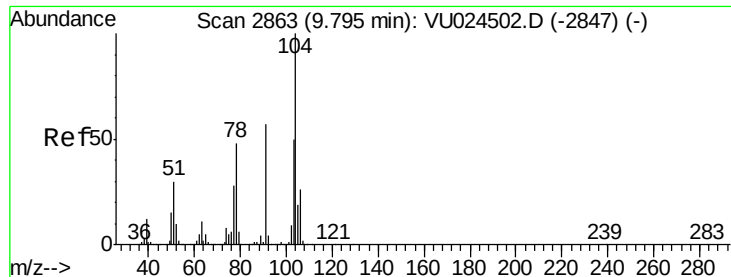
Tot Ion:106 Resp: 5158376
Ion Ratio Lower Upper
106 100
91 198.8 166.5 249.7



#69
o-Xylene
Concen: 85.215 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025179.D
Acq: 03 Jul 2018 07:05

Tgt Ion:106 Resp: 373994
Ion Ratio Lower Upper
106 100
91 210.9 110.7 331.9

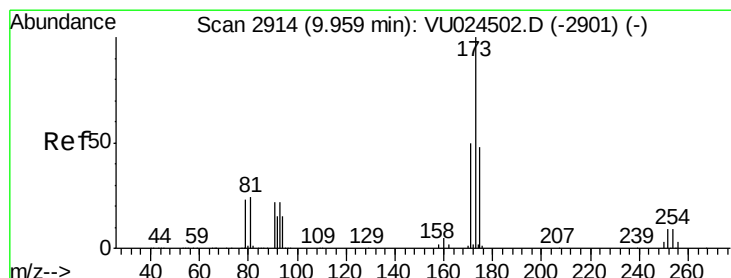
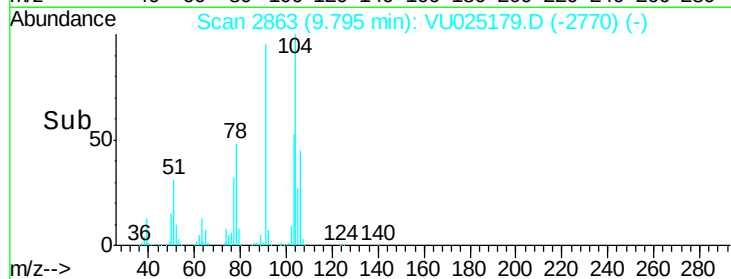
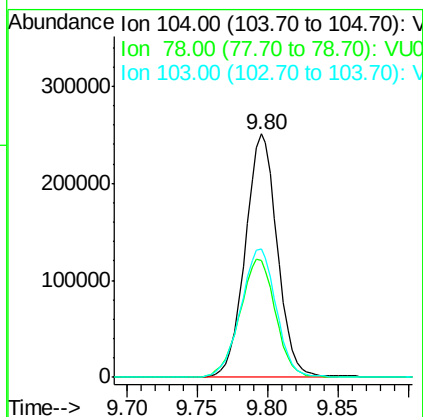
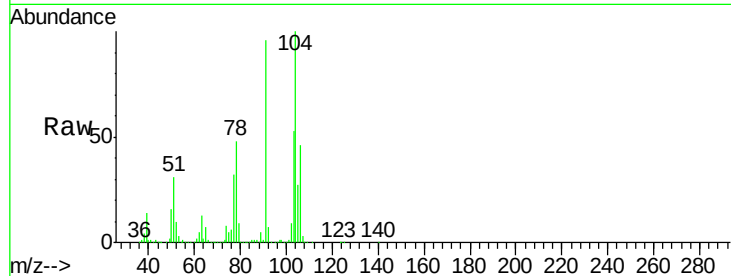




#70
Stvrene
Concen: 55.292 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU025179.D
Acq: 03 Jul 2018 07:05

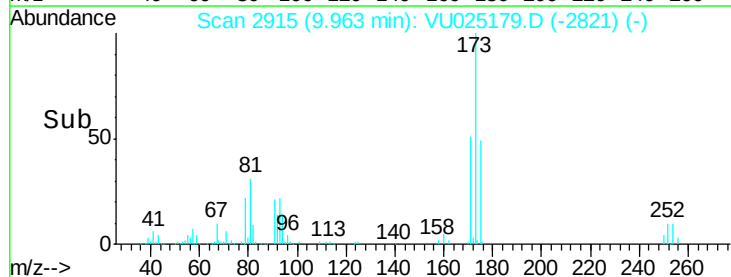
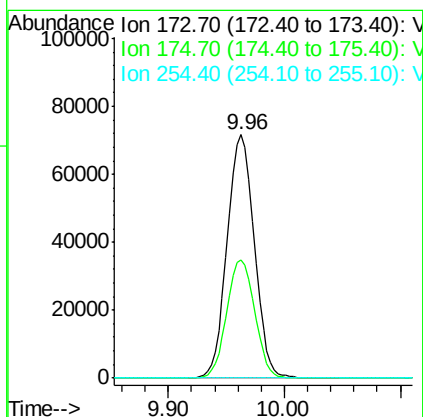
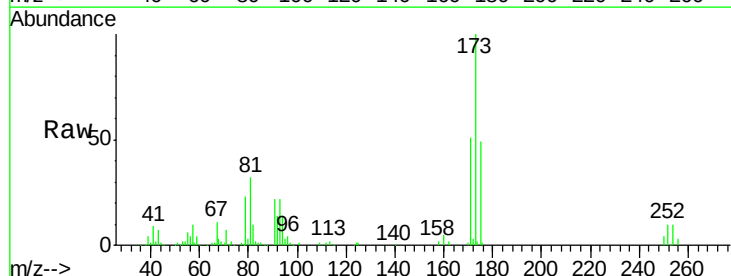
Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818MSD

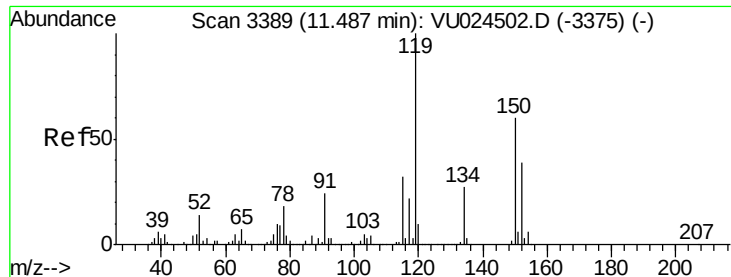
Tot Ion:104 Resp: 398785
Ion Ratio Lower Upper
104 100
78 54.6 40.6 60.8
103 58.4 44.7 67.1



#71
Bromoform
Concen: 48.797 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU025179.D
Acq: 03 Jul 2018 07:05

Tgt Ion:173 Resp: 116081
Ion Ratio Lower Upper
173 100
175 49.8 24.6 74.0
254 0.0 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: VU025179.D

Acq: 03 Jul 2018 07:05

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MSD

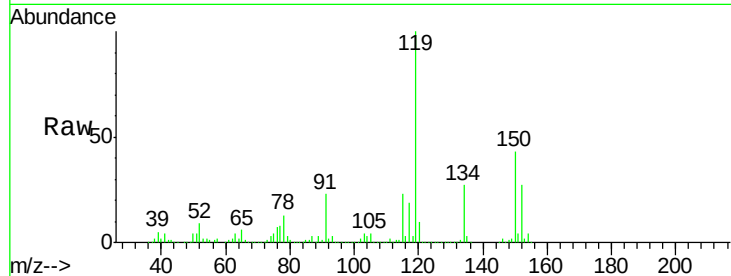
Tot Ion:152 Resp: 160506

Ion Ratio Lower Upper

152 100

115 88.5 43.0 129.0

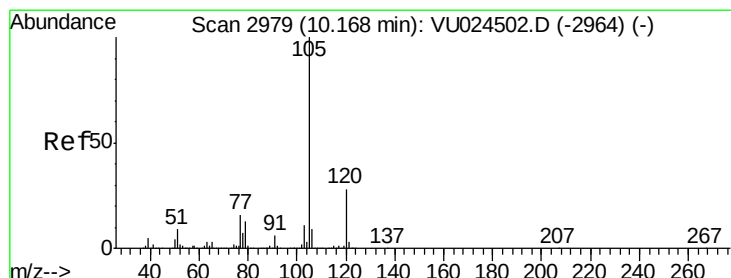
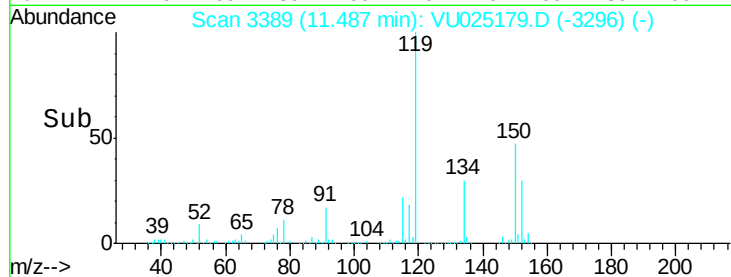
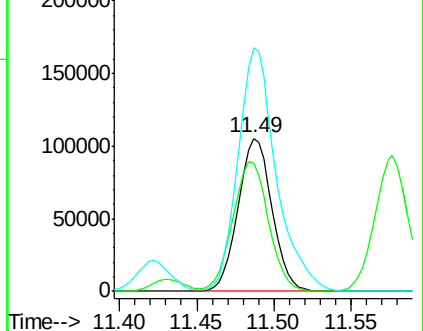
150 178.4 0.0 354.0



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: 114.101 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025179.D

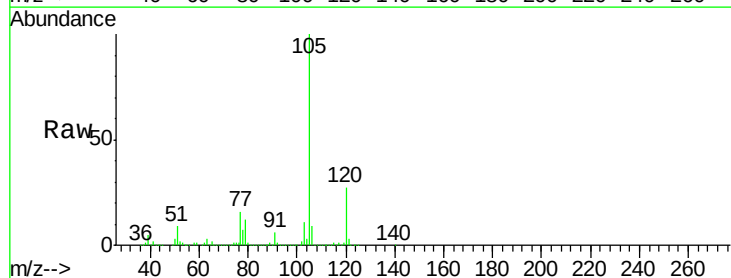
Acq: 03 Jul 2018 07:05

Tgt Ion:105 Resp: 1406058

Ion Ratio Lower Upper

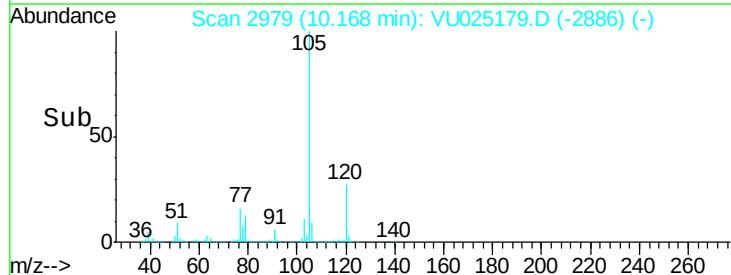
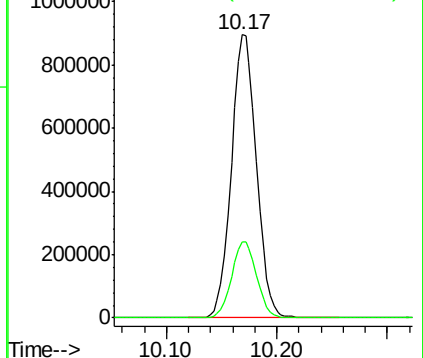
105 100

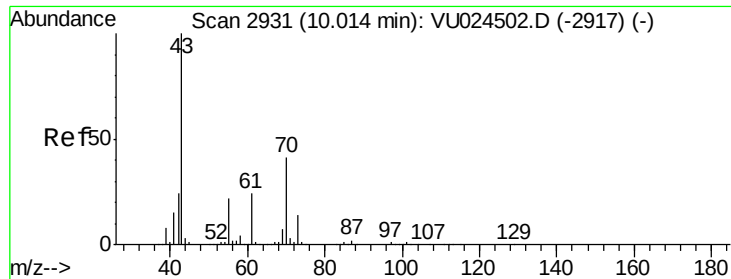
120 26.8 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 45.005 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MSD

Tot Ion: 43 Resp: 263795

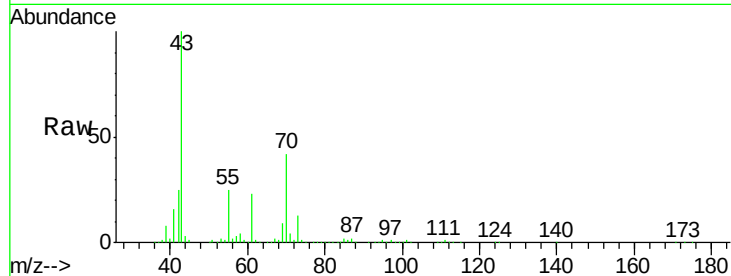
Ion Ratio Lower Upper

43 100

70 43.3 32.2 48.4

55 31.5 20.5 30.7#

61 23.9 18.7 28.1

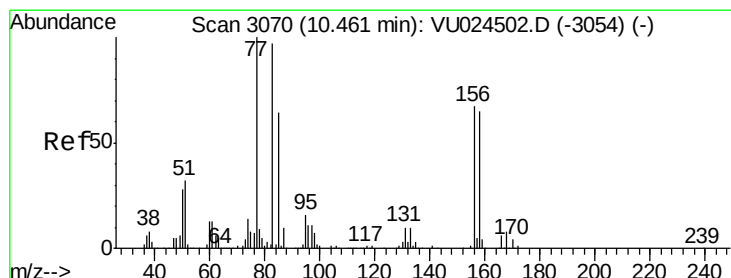
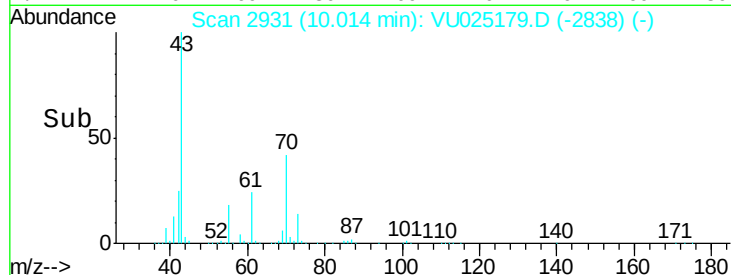
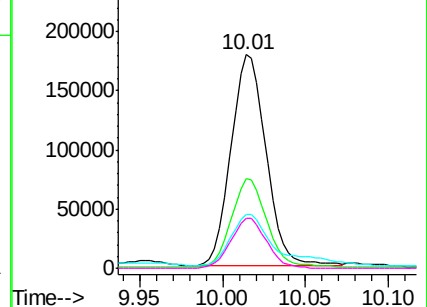


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0



#75

1,1,2,2-Tetrachloroethane

Concen: 53.279 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

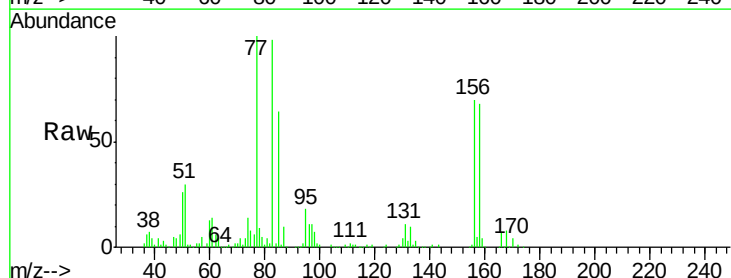
Tgt Ion: 83 Resp: 220016

Ion Ratio Lower Upper

83 100

131 11.0 4.7 14.1

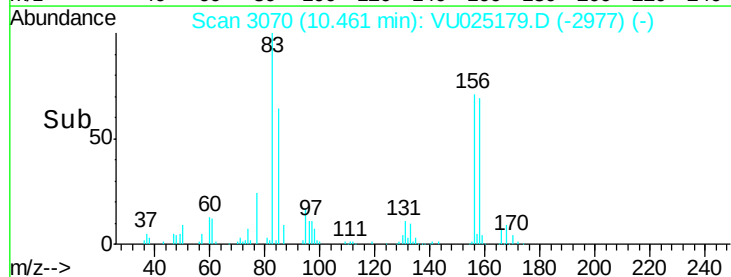
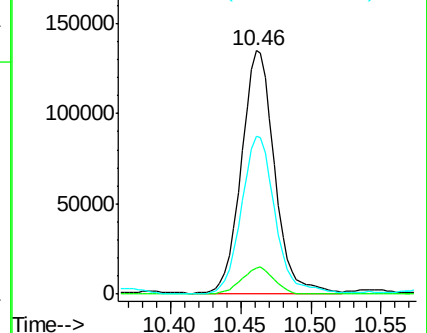
85 66.4 32.5 97.5

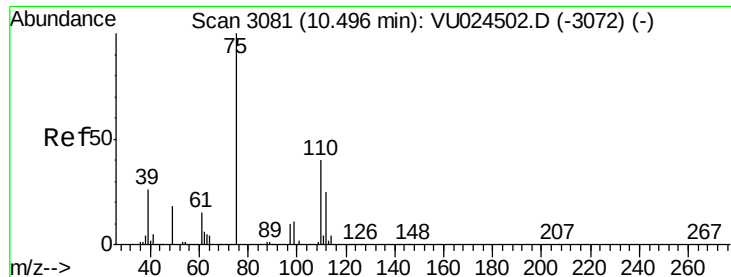


Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VU0





#76

1,2,3-Trichloropropane

Concen: 69.182 ug/l

RT: 10.50 min Scan# 3082

Delta R.T. 0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

Instrument :

MSVOA_U

ClientSampleId :

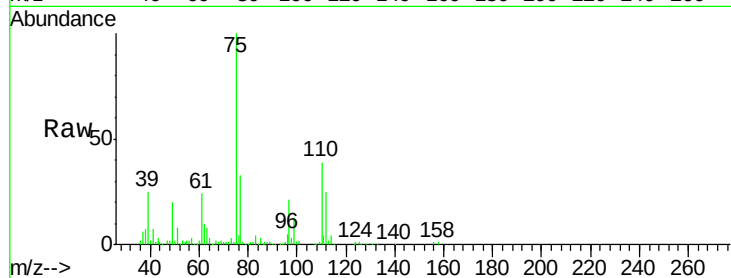
MW-1-062818MSD

Tot Ion: 75 Resp: 244471

Ion Ratio Lower Upper

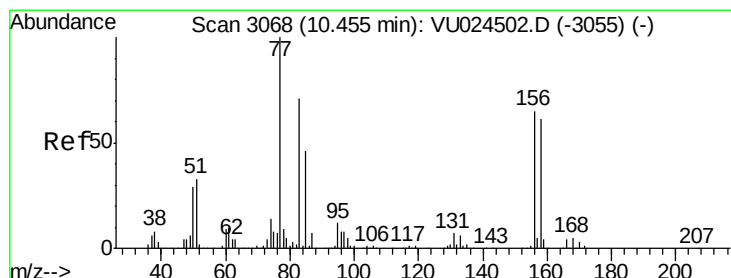
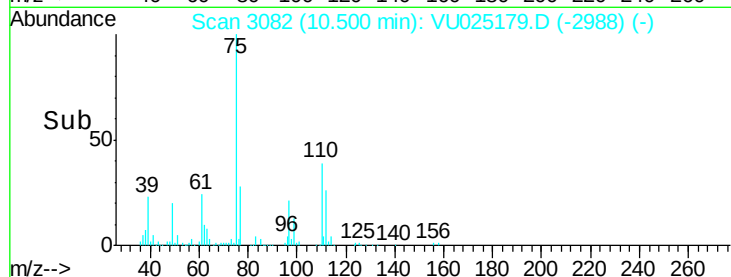
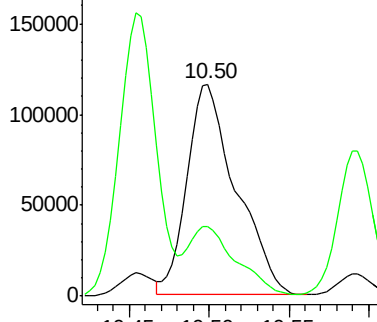
75 100

77 29.9 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: 54.803 ug/l

RT: 10.46 min Scan# 3069

Delta R.T. 0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

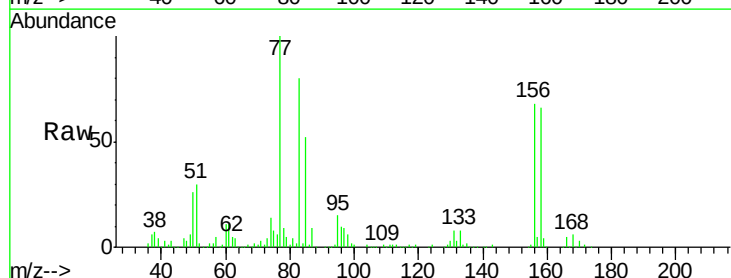
Tgt Ion: 156 Resp: 170972

Ion Ratio Lower Upper

156 100

77 146.1 80.5 241.3

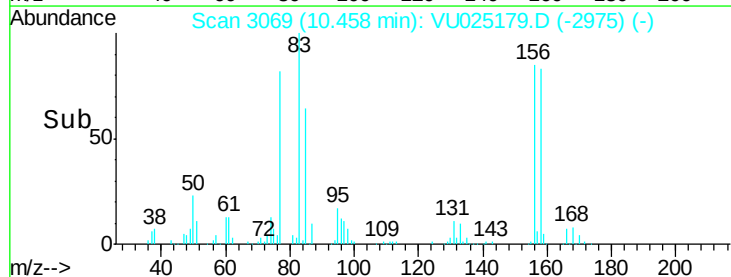
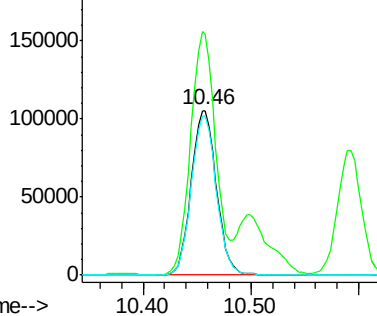
158 96.6 48.2 144.6

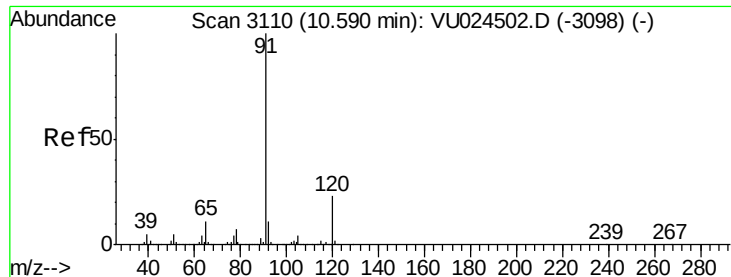


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 208.356 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

Instrument :

MSVOA_U

ClientSampleId :

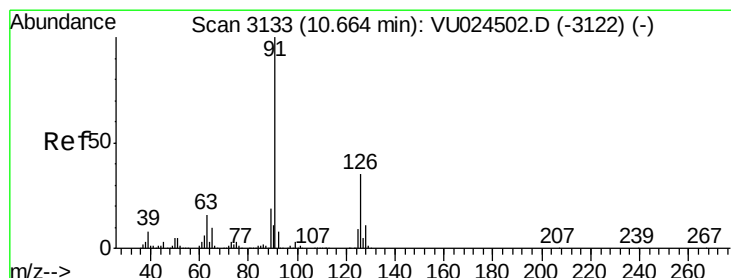
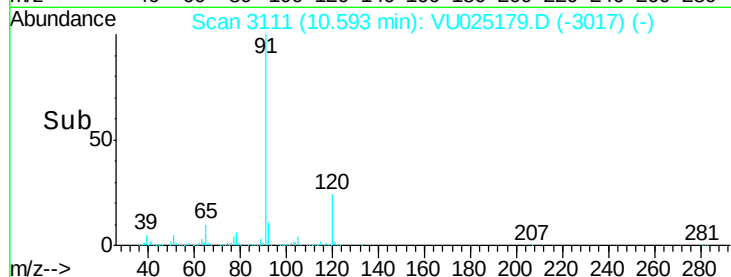
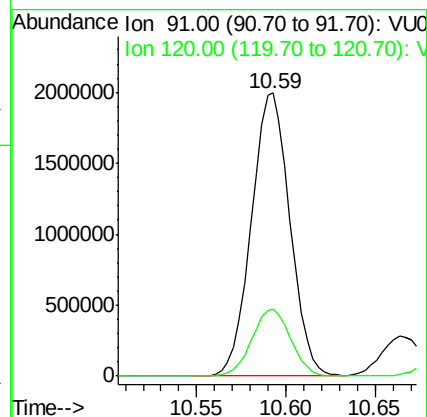
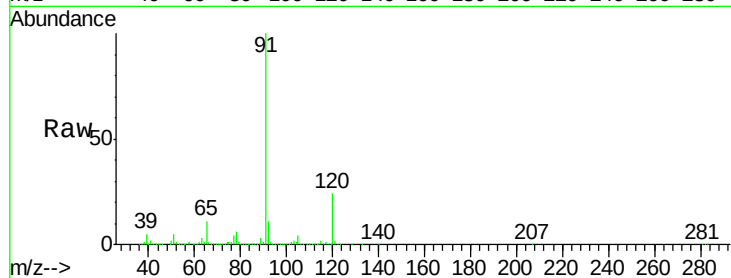
MW-1-062818MSD

Tot Ion: 91 Resp: 3024578

Ion Ratio Lower Upper

91 100

120 23.8 11.2 33.5



#79

2-Chlorotoluene

Concen: 56.675 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU025179.D

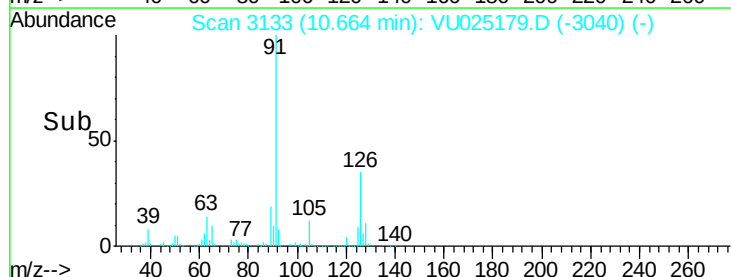
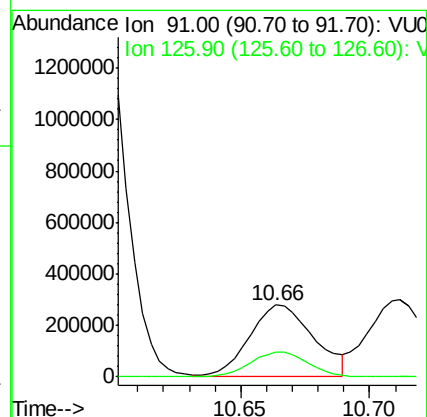
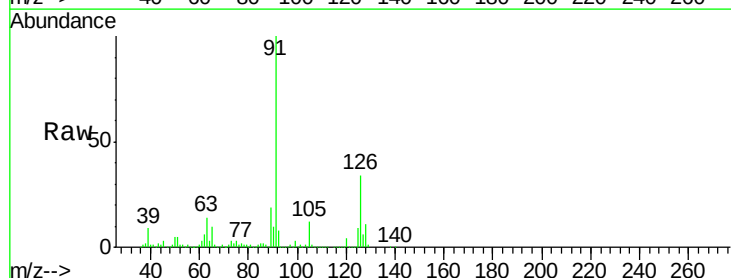
Acq: 03 Jul 2018 07:05

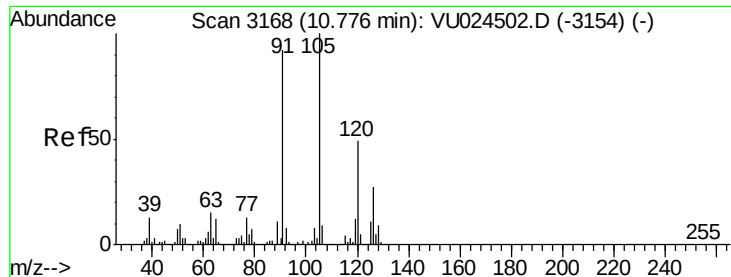
Tgt Ion: 91 Resp: 485169

Ion Ratio Lower Upper

91 100

126 31.7 16.9 50.7





#80

1,3,5-Trimethylbenzene

Concen: 58.900 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

Instrument :

MSVOA_U

ClientSampleId :

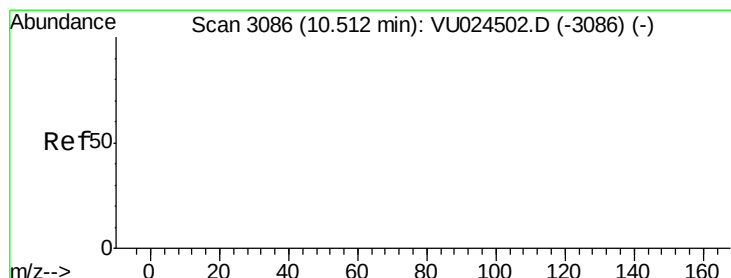
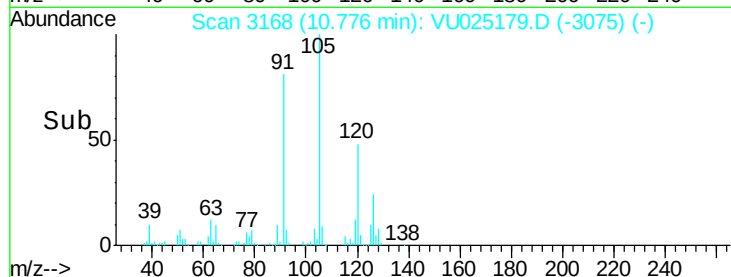
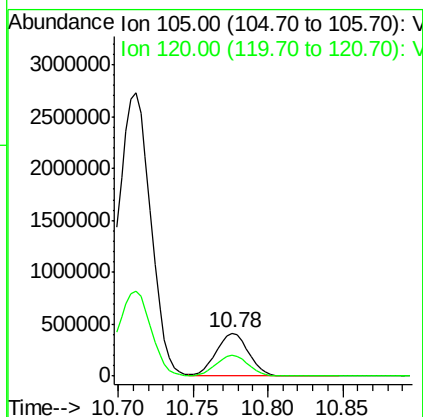
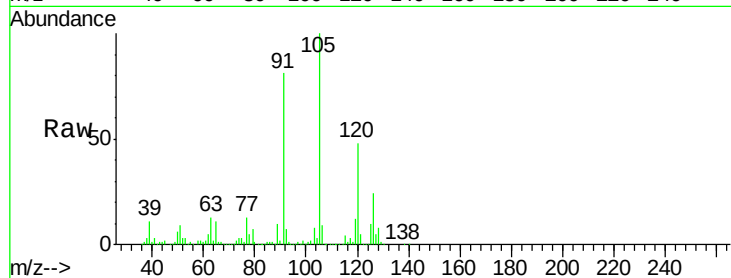
MW-1-062818MSD

Tot Ion:105 Resp: 629107

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.2



#81

trans-1,4-Dichloro-2-butene

Concen: 161.520 ug/l

RT: 10.50 min Scan# 3082

Delta R.T. -0.01 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

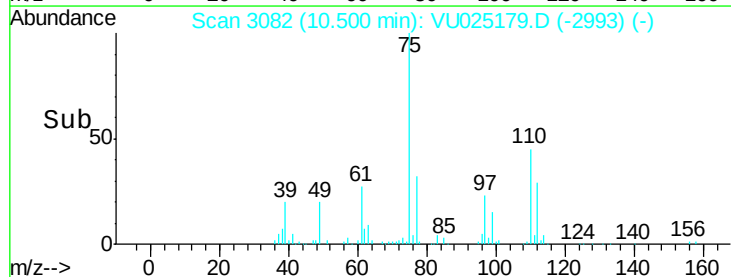
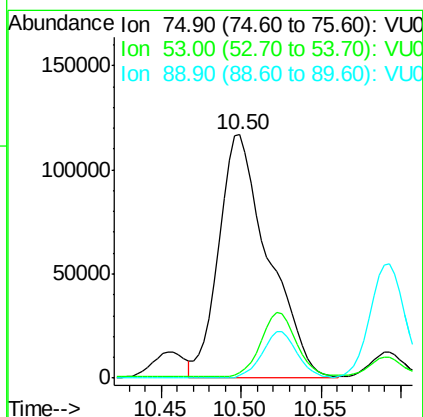
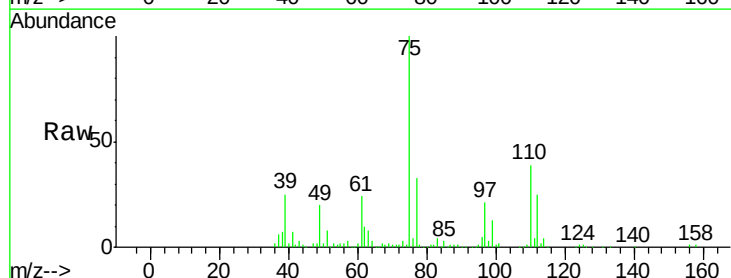
Tgt Ion: 75 Resp: 246616

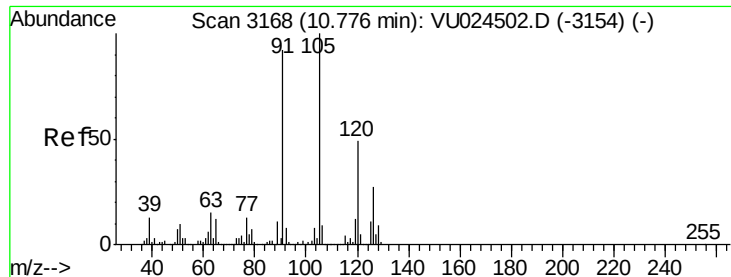
Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0





#82

4-Chlorotoluene

Concen: 51.907 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

Instrument :

MSVOA_U

ClientSampleId :

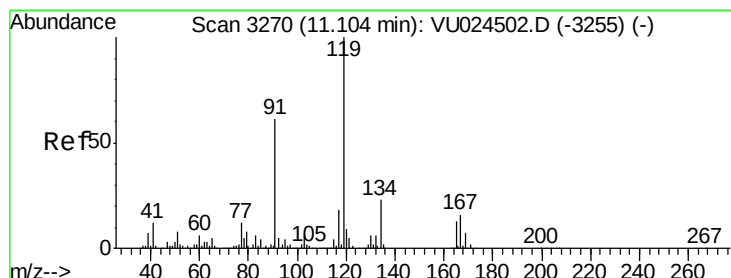
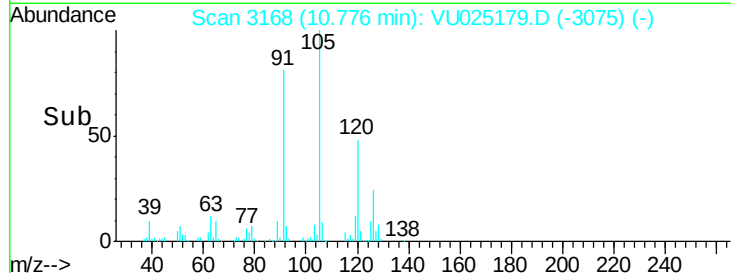
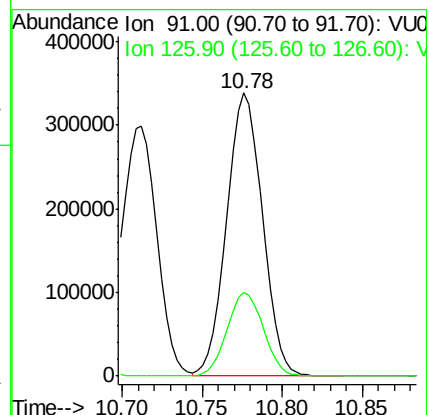
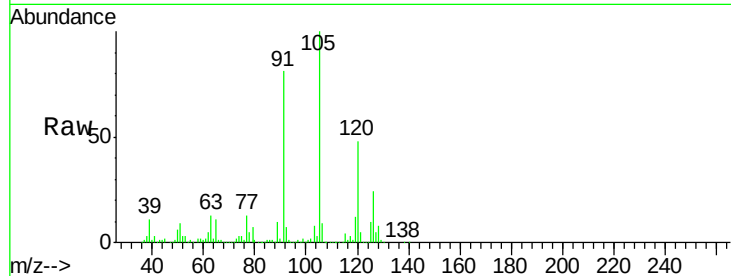
MW-1-062818MSD

Tot Ion: 91 Resp: 517183

Ion Ratio Lower Upper

91 100

126 29.9 14.9 44.9



#83

tert-Butylbenzene

Concen: 51.576 ug/l

RT: 11.11 min Scan# 3271

Delta R.T. 0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

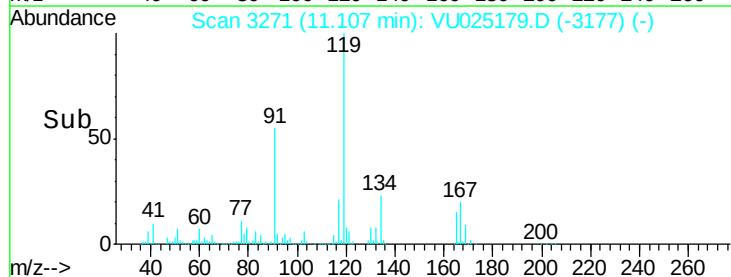
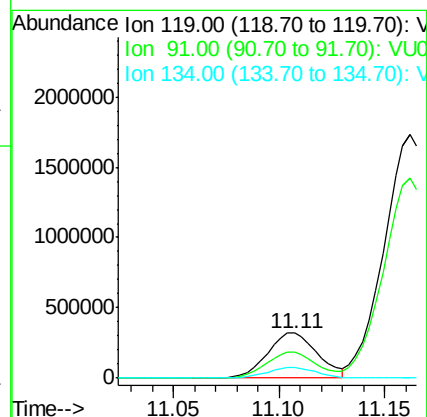
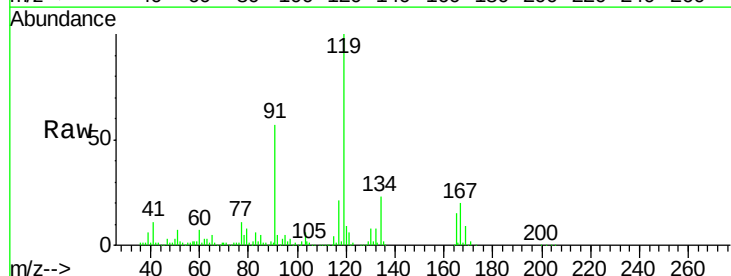
Tgt Ion: 119 Resp: 529907

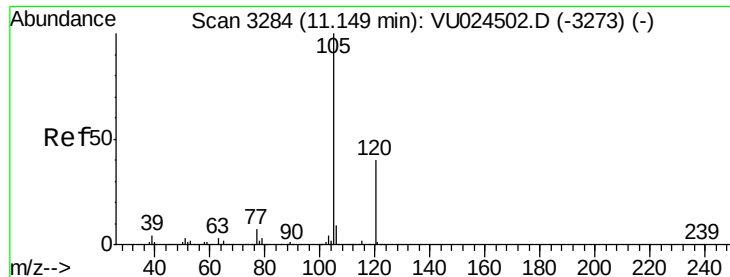
Ion Ratio Lower Upper

119 100

91 56.0 29.7 89.1

134 23.0 11.6 34.7





#84

1,2,4-Trimethylbenzene

Concen: 608.432 ug/l

RT: 10.98 min Scan# 3231

Delta R.T. -0.17 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

Instrument :

MSVOA_U

ClientSampleId :

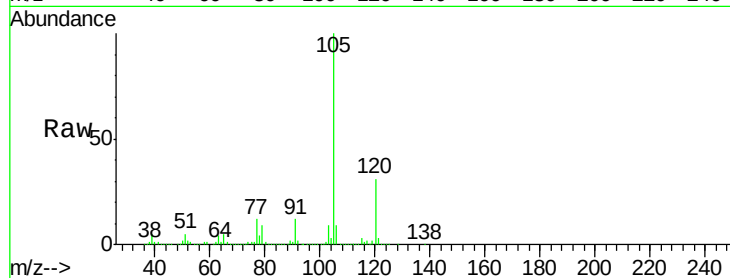
MW-1-062818MSD

Tot Ion:105 Resp: 6622668

Ion Ratio Lower Upper

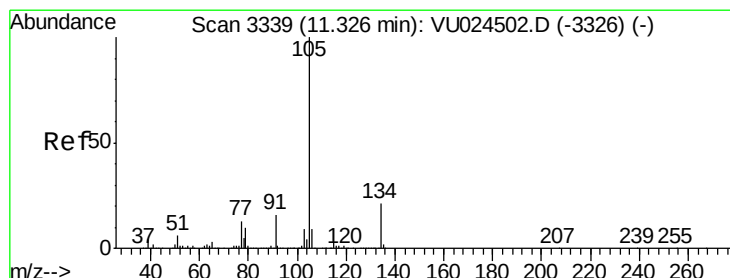
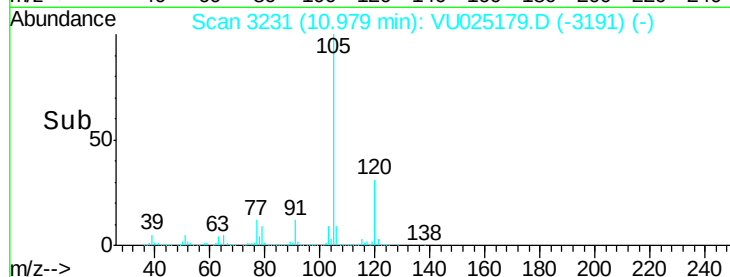
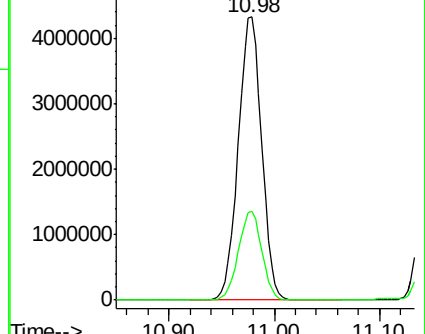
105 100

120 31.4 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 62.376 ug/l

RT: 11.33 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VU025179.D

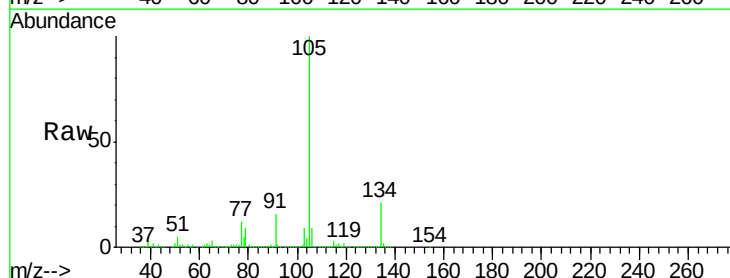
Acq: 03 Jul 2018 07:05

Tgt Ion:105 Resp: 802199

Ion Ratio Lower Upper

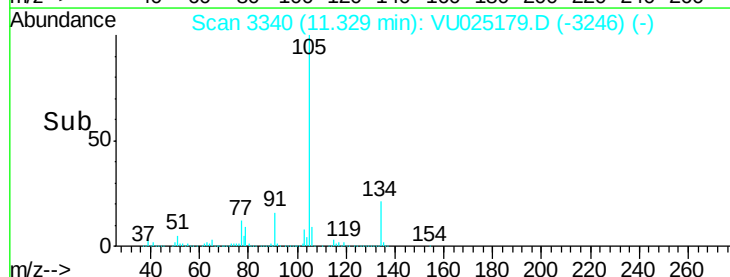
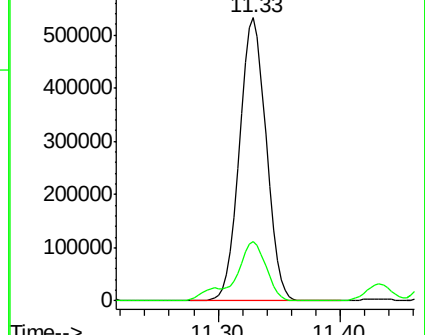
105 100

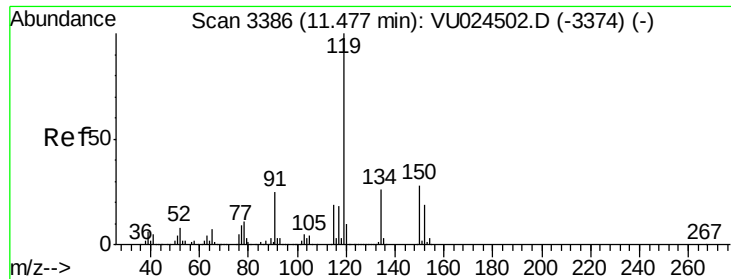
134 21.3 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

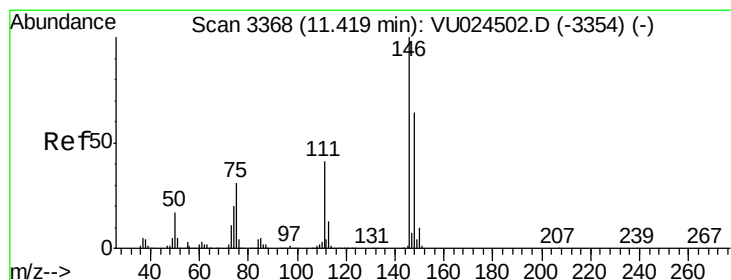
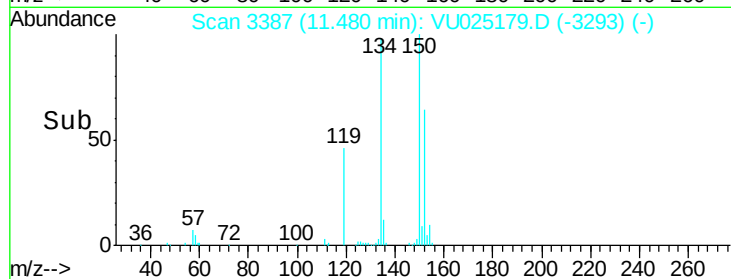
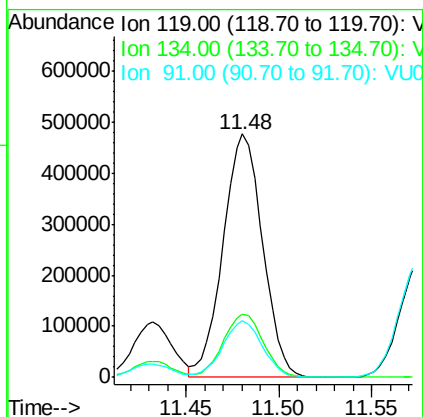
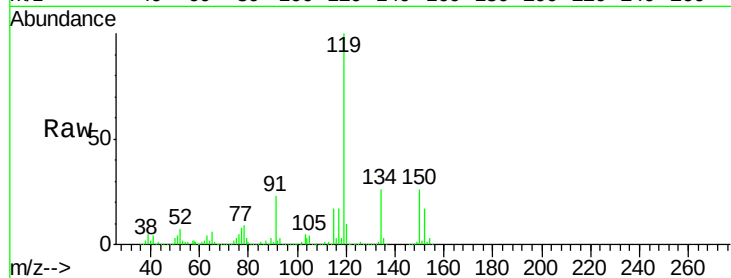




#86
 p-Isopropyltoluene
 Concen: 61.175 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU025179.D
 Acq: 03 Jul 2018 07:05

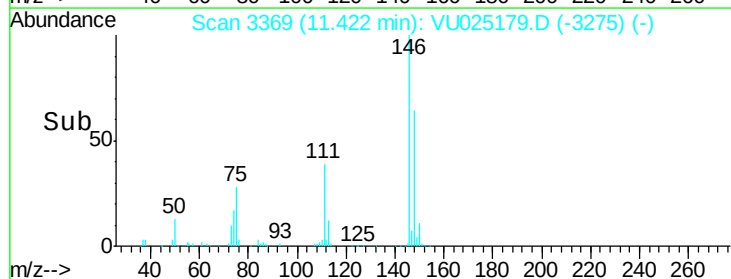
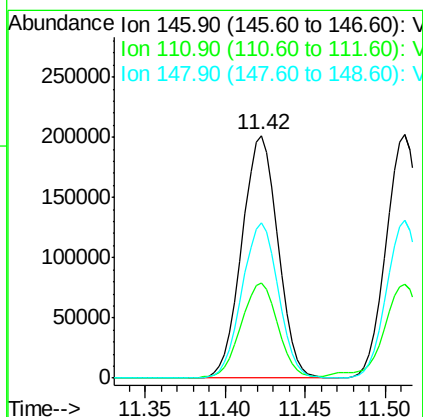
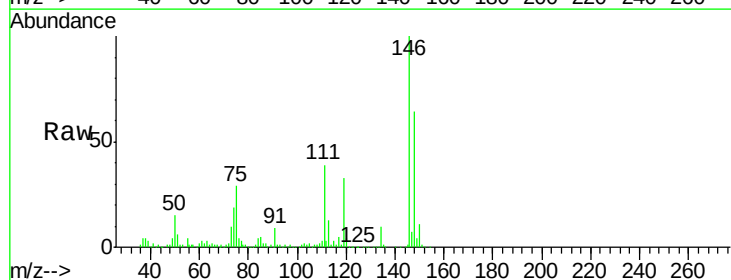
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MSD

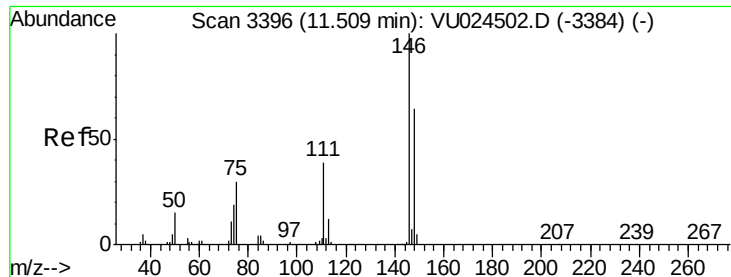
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.5	12.9	38.6
91	23.2	12.0	36.1



#87
 1,3-Dichlorobenzene
 Concen: 53.857 ug/l
 RT: 11.42 min Scan# 3369
 Delta R.T. 0.00 min
 Lab File: VU025179.D
 Acq: 03 Jul 2018 07:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.0	60.0
148	64.5	32.1	96.5

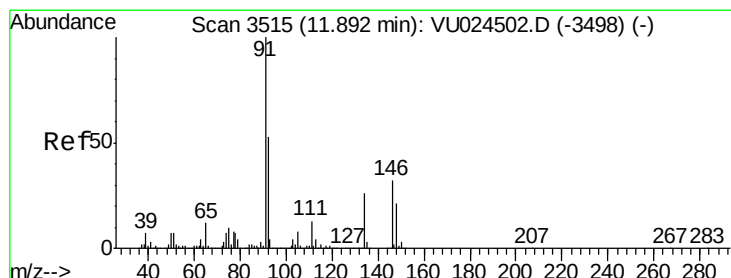
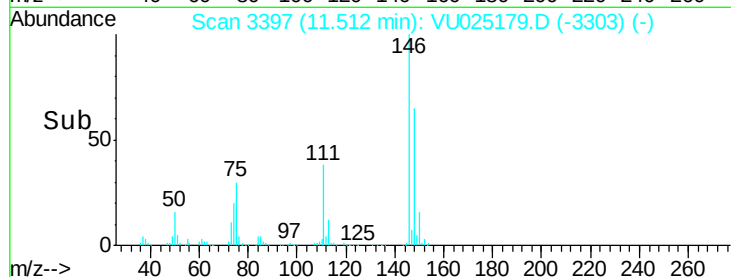
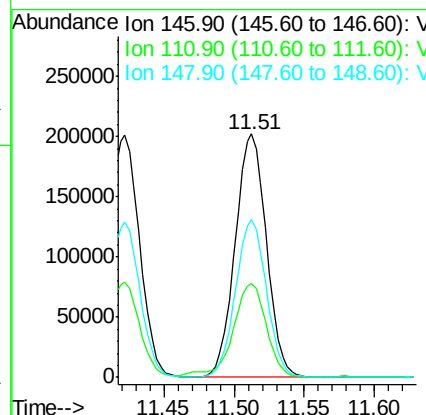
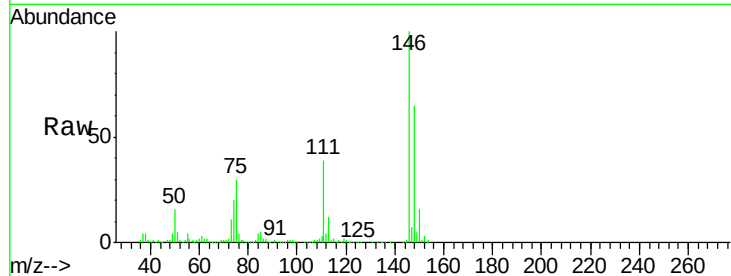




#88
 1,4-Dichlorobenzene
 Concen: 53.960 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025179.D
 Acq: 03 Jul 2018 07:05

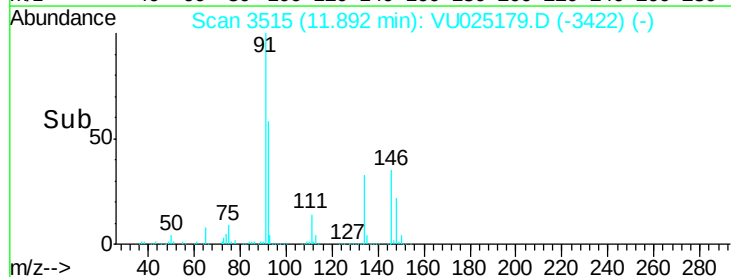
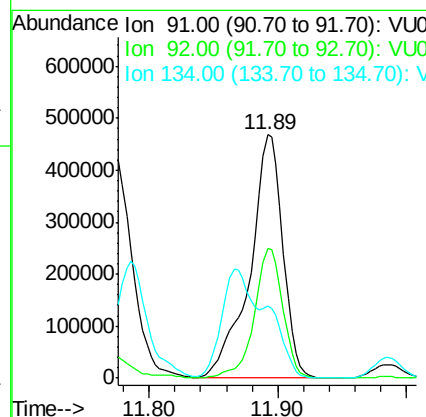
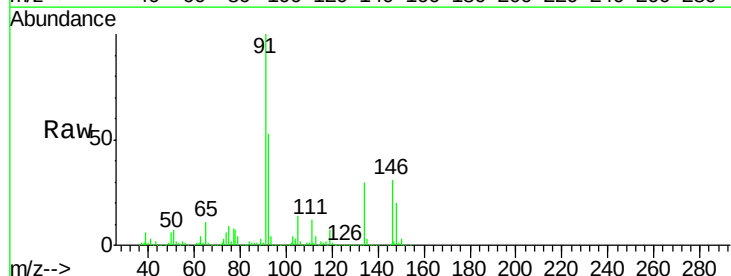
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MSD

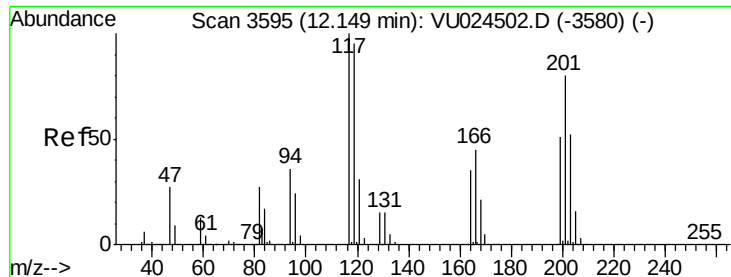
Tot Ion:146 Resp: 313032
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.5 58.5
 148 64.2 32.4 97.0



#89
 n-Butylbenzene
 Concen: 80.972 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. -0.00 min
 Lab File: VU025179.D
 Acq: 03 Jul 2018 07:05

Tgt Ion: 91 Resp: 828014
 Ion Ratio Lower Upper
 91 100
 92 46.6 25.6 76.8
 134 0.0 12.3 36.8#

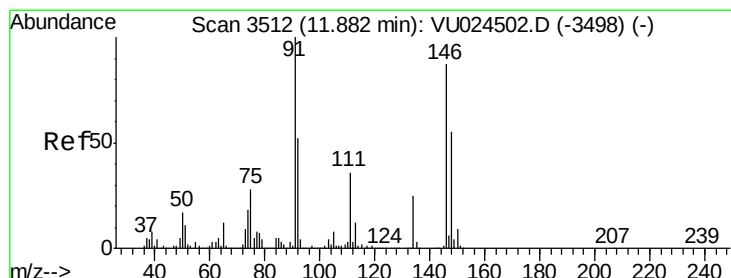
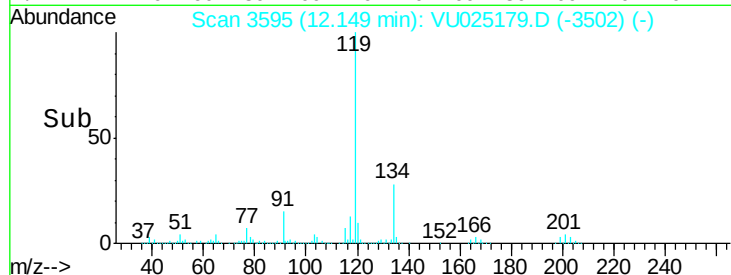
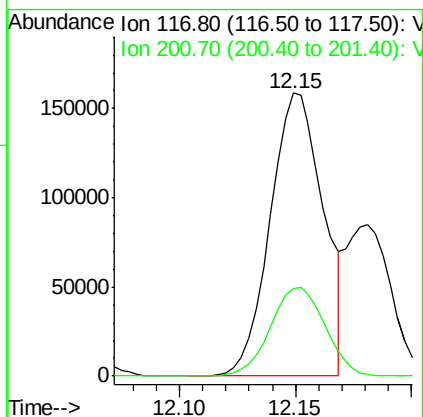
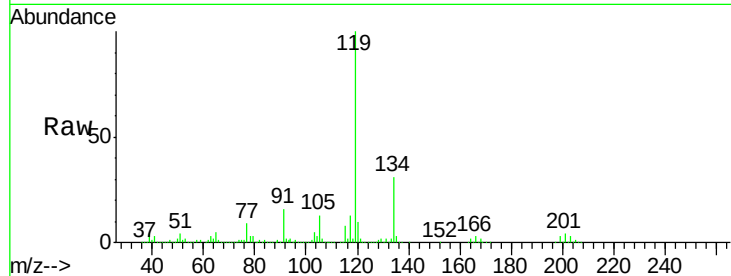




#90
Hexachloroethane
Concen: 112.559 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU025179.D
Acq: 03 Jul 2018 07:05

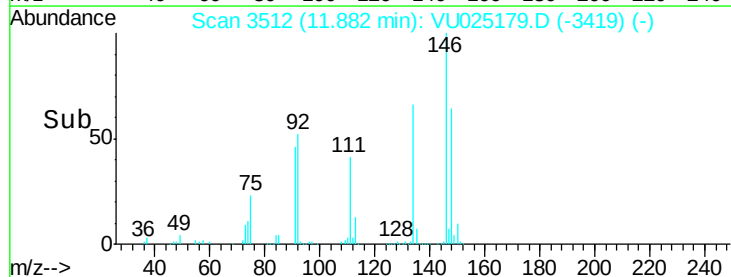
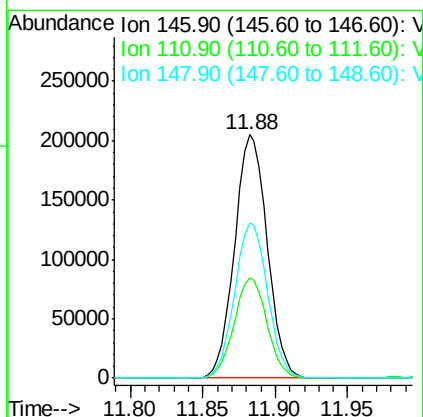
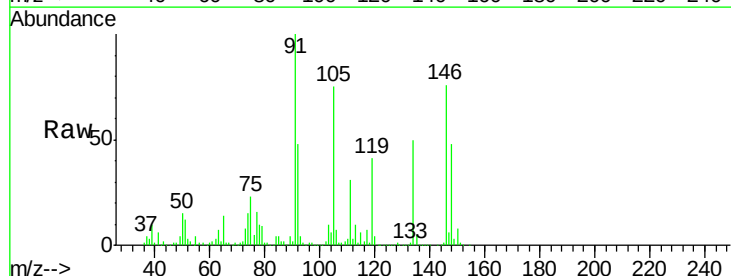
Instrument :
MSVOA_U
ClientSampleId :
MW-1-062818MSD

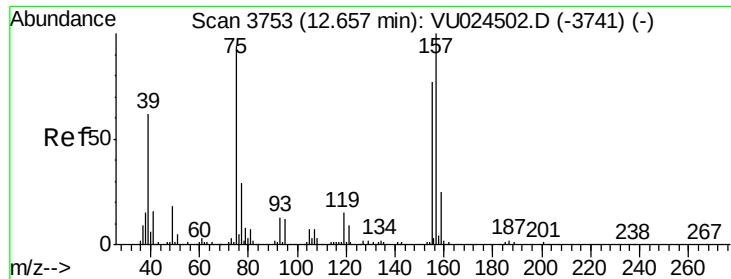
Tot Ion:117 Resp: 252910
Ion Ratio Lower Upper
117 100
201 32.2 41.1 123.3#



#91
1,2-Dichlorobenzene
Concen: 55.496 ug/l
RT: 11.88 min Scan# 3512
Delta R.T. -0.00 min
Lab File: VU025179.D
Acq: 03 Jul 2018 07:05

Tgt Ion:146 Resp: 320384
Ion Ratio Lower Upper
146 100
111 40.9 20.5 61.6
148 64.3 31.9 95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 63.743 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MSD

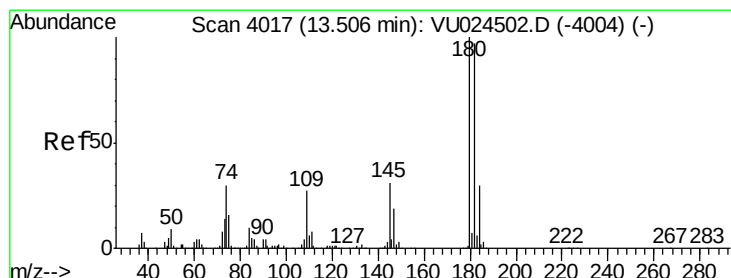
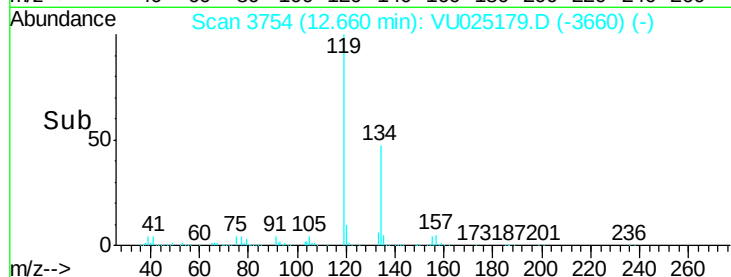
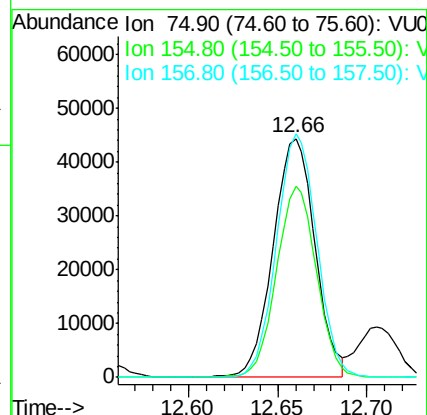
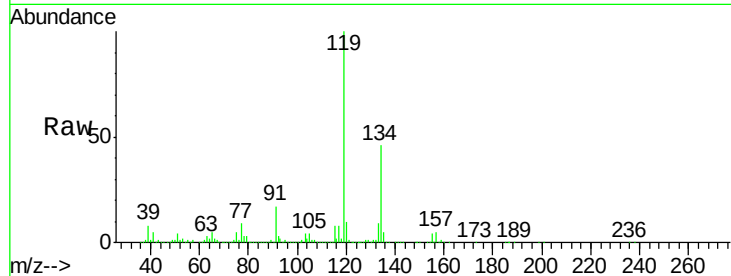
Tot Ion: 75 Resp: 72631

Ion Ratio Lower Upper

75 100

155 76.5 40.4 121.2

157 98.3 52.3 156.8



#93

1,2,4-Trichlorobenzene

Concen: 63.235 ug/l

RT: 13.51 min Scan# 4017

Delta R.T. -0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

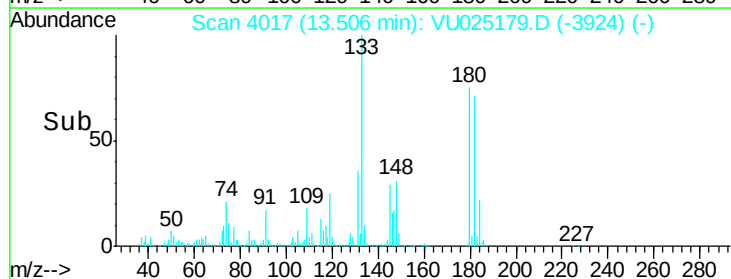
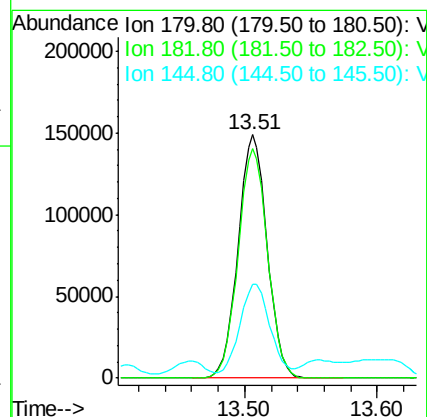
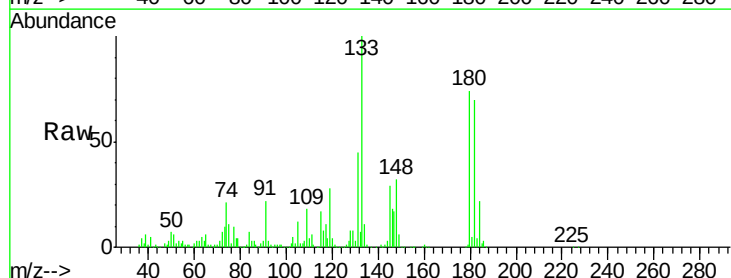
Tgt Ion: 180 Resp: 225433

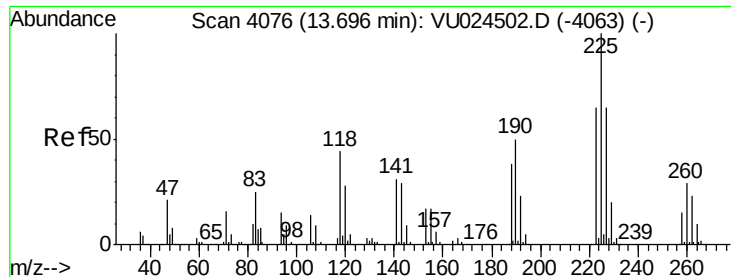
Ion Ratio Lower Upper

180 100

182 95.5 48.0 144.2

145 36.7 14.7 44.1





#94

Hexachlorobutadiene

Concen: 43.337 ug/l

RT: 13.70 min Scan# 4076

Delta R.T. -0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

Instrument :

MSVOA_U

ClientSampleId :

MW-1-062818MSD

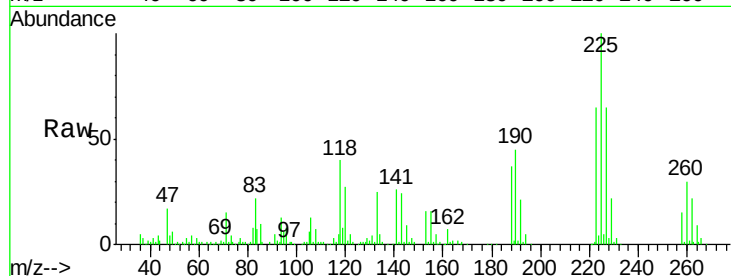
Tot Ion:225 Resp: 86959

Ion Ratio Lower Upper

225 100

223 64.1 31.3 93.8

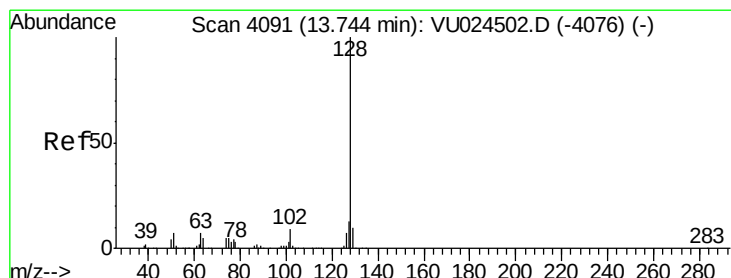
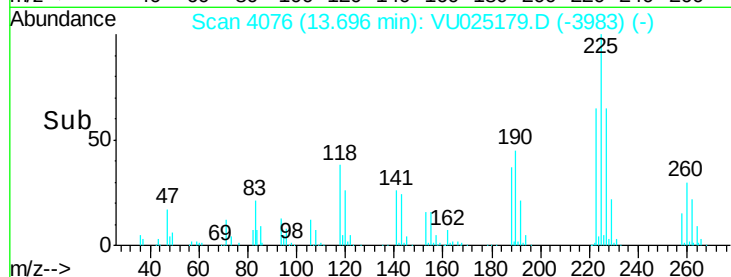
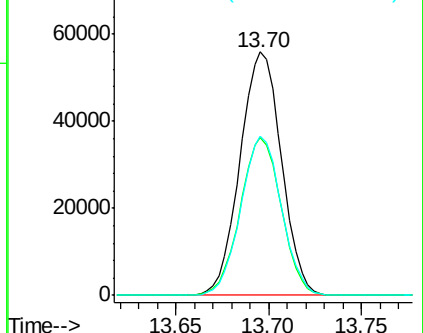
227 64.2 31.8 95.4



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: 237.656 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025179.D

Acq: 03 Jul 2018 07:05

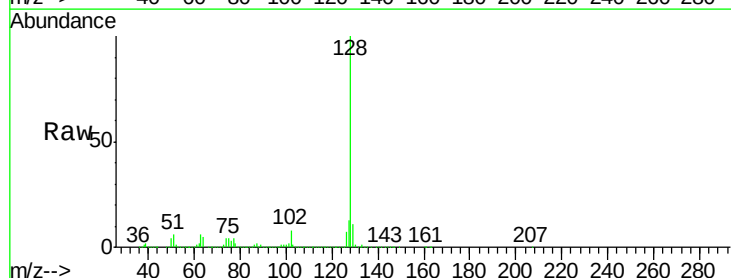
Tgt Ion:128 Resp: 2835318

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

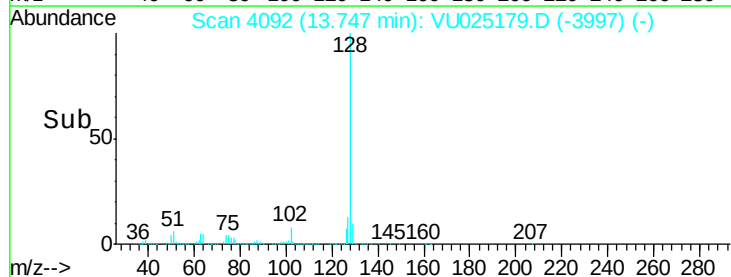
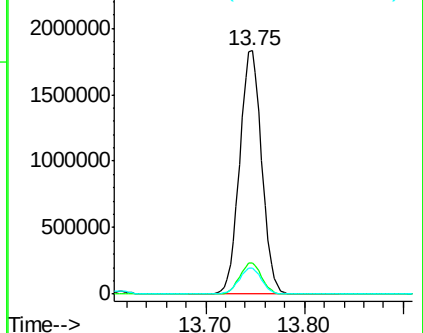
129 11.0 8.6 12.8

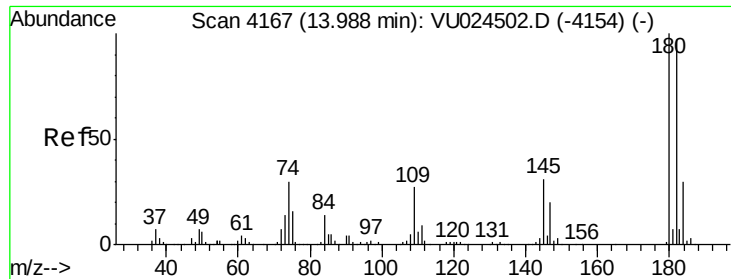


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

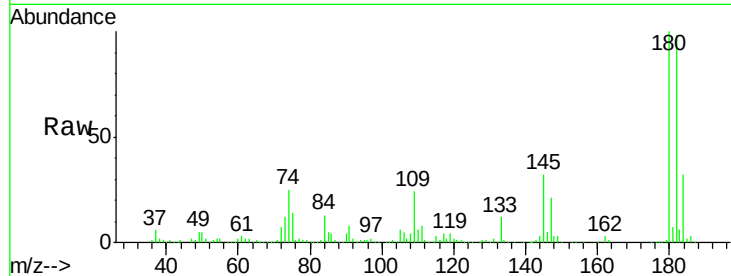




#96
 1,2,3-Trichlorobenzene
 Concen: 65.769 ug/l
 RT: 13.99 min Scan# 4168
 Delta R.T. 0.00 min
 Lab File: VU025179.D
 Acq: 03 Jul 2018 07:05

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-062818MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.9	143.7
145	45.1	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

