

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062018\
 Data File : VU024772.D
 Acq On : 20 Jun 2018 21:10
 Operator : MD/SY
 Sample : J3529-10MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-04MSD

Quant Time: Jun 21 07:53:11 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	172231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	266984	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	255679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	153491	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	130429	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	
35) Dibromofluoromethane	4.89	113	106458	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
50) Toluene-d8	7.57	98	374776	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
62) 4-Bromofluorobenzene	10.31	95	147353	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	91748	42.559	ug/l	99
3) Chloromethane	1.33	50	103869	47.161	ug/l	99
4) Vinyl Chloride	1.40	62	109853	48.364	ug/l	99
5) Bromomethane	1.62	94	57319	52.203	ug/l	100
6) Chloroethane	1.69	64	68732	54.243	ug/l	99
7) Trichlorofluoromethane	1.89	101	157702	45.496	ug/l	100
8) Diethyl Ether	2.10	74	65668	55.890	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	90746	42.198	ug/l	96
10) Methyl Iodide	2.41	142	97665	53.276	ug/l	98
11) Tert butyl alcohol	2.82	59	190733	278.918	ug/l	99
12) 1,1-Dichloroethene	2.28	96	91316	46.563	ug/l	92
13) Acrolein	2.19	56	68335	190.296	ug/l	98
14) Allyl chloride	2.59	41	149963	41.184	ug/l	94
15) Acrylonitrile	2.93	53	337897	253.967	ug/l	99
16) Acetone	2.32	43	472252	312.599	ug/l	99
17) Carbon Disulfide	2.48	76	276620	44.051	ug/l	98
18) Methyl Acetate	2.61	43	178441	55.097	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	384501	52.159	ug/l	98
20) Methylene Chloride	2.70	84	107746	45.454	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	95718	44.315	ug/l	95
22) Diisopropyl ether	3.57	45	349394	48.404	ug/l	95
23) Vinyl Acetate	3.53	43	1595892	246.812	ug/l	100
24) 1,1-Dichloroethane	3.45	63	196149	47.237	ug/l	98
25) 2-Butanone	4.26	43	558254	275.104	ug/l	98
26) 2,2-Dichloropropane	4.23	77	161445	40.945	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	119874	48.274	ug/l	96
28) Bromochloromethane	4.55	49	88183	48.214	ug/l	88
29) Tetrahydrofuran	4.63	42	354064	281.753	ug/l	96
30) Chloroform	4.68	83	204878	48.746	ug/l	97
31) Cyclohexane	5.00	56	166550	44.967	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	180656	46.482	ug/l	97
36) 1,1-Dichloropropene	5.14	75	140156	44.675	ug/l	97
37) Ethyl Acetate	4.38	43	192702	56.355	ug/l	97
38) Carbon Tetrachloride	5.14	117	164781	47.763	ug/l	99

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 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	159532	40.748	ug/l	95
40) Benzene	5.39	78	535900	59.947	ug/l	100
41) Methacrylonitrile	4.54	41	102757	55.737	ug/l	97
42) 1,2-Dichloroethane	5.41	62	172580	50.688	ug/l	100
43) Isopropyl Acetate	5.55	43	303080	51.278	ug/l	98
44) Trichloroethene	6.19	130	116349	45.732	ug/l	96
45) 1,2-Dichloropropane	6.44	63	119545	50.118	ug/l	99
46) Dibromomethane	6.56	93	84631	50.513	ug/l	96
47) Bromodichloromethane	6.76	83	162289	48.644	ug/l	99
48) Methyl methacrylate	6.62	41	145384	50.514	ug/l	99
49) 1,4-Dioxane	6.61	88	74728	1327.674	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	1060765	285.664	ug/l	99
52) Toluene	7.64	92	284817	49.522	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	178338	47.599	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	185997	46.589	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	118902	50.859	ug/l	97
56) Ethyl methacrylate	8.02	69	193486	49.447	ug/l	99
57) 1,3-Dichloropropane	8.25	76	200497	50.839	ug/l	99
59) 2-Hexanone	8.36	43	847957	279.708	ug/l	99
60) Dibromochloromethane	8.48	129	139157	47.733	ug/l	100
61) 1,2-Dibromoethane	8.59	107	131859	50.674	ug/l	98
64) Tetrachloroethene	8.23	164	100322	41.279	ug/l	98
65) Chlorobenzene	9.12	112	314458	48.144	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	121755	49.065	ug/l	98
67) Ethyl Benzene	9.25	91	543973	47.506	ug/l	98
68) m/p-Xylenes	9.38	106	426133	96.915	ug/l	96
69) o-Xylene	9.78	106	213164	48.986	ug/l	96
70) Styrene	9.80	104	330254	46.183	ug/l	100
71) Bromoform	9.96	173	112304	47.614	ug/l #	100
73) Isopropylbenzene	10.17	105	559448	47.474	ug/l	99
74) N-amyl acetate	10.01	43	292683	52.216	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	209132	52.958	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	238586	70.602	ug/l	82
77) Bromobenzene	10.46	156	143871	48.224	ug/l	96
78) n-propylbenzene	10.59	91	633558	45.639	ug/l	97
79) 2-Chlorotoluene	10.66	91	380855	46.523	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	481496	47.141	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	238586	163.402	ug/l #	100
82) 4-Chlorotoluene	10.78	91	442576	46.449	ug/l	98
83) tert-Butylbenzene	11.10	119	482490	49.107	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	503095	48.332	ug/l	99
85) sec-Butylbenzene	11.33	105	576880	46.906	ug/l	98
86) p-Isopropyltoluene	11.48	119	516181	46.863	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	264026	47.902	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	265805	47.913	ug/l	100
89) n-Butylbenzene	11.89	91	438465	44.837	ug/l	97
90) Hexachloroethane	12.15	117	90937	42.322	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	269915	48.891	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	61257	56.218	ug/l	92
93) 1,2,4-Trichlorobenzene	13.51	180	184476	54.111	ug/l	99

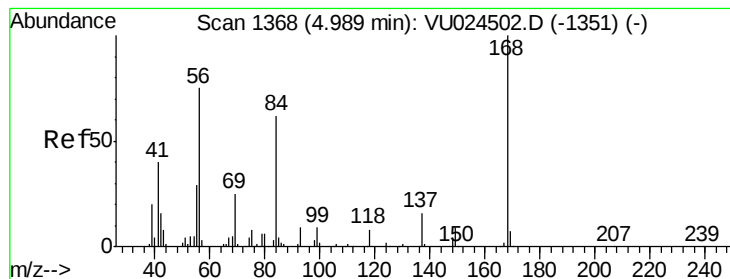
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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	91090	47.470	ug/l	99
95) Naphthalene	13.74	128	711206	62.839	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	193597	56.989	ug/l	99

(#) = 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: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

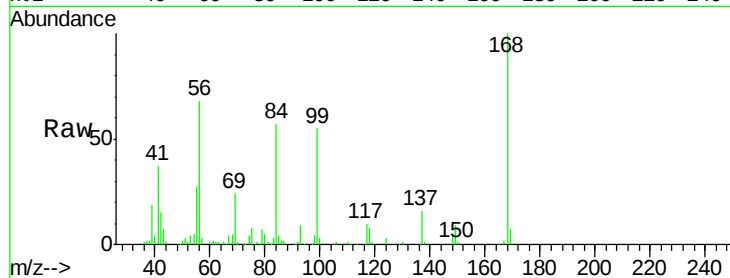
TPTW-04MSD

Tgt Ion:168 Resp: 172231

Ion Ratio Lower Upper

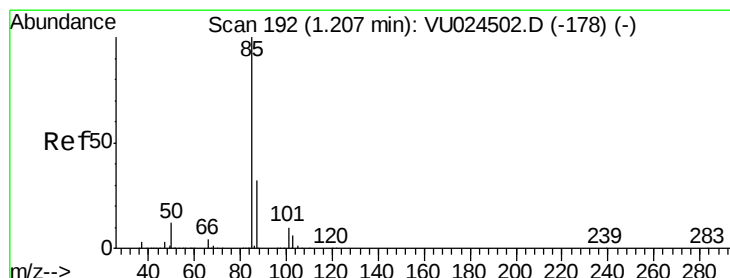
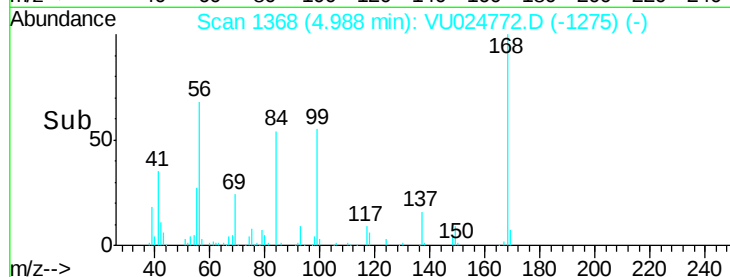
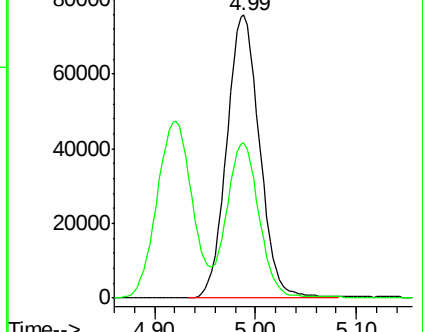
168 100

99 54.2 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)



#2

Dichlorodifluoromethane

Concen: 42.559 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024772.D

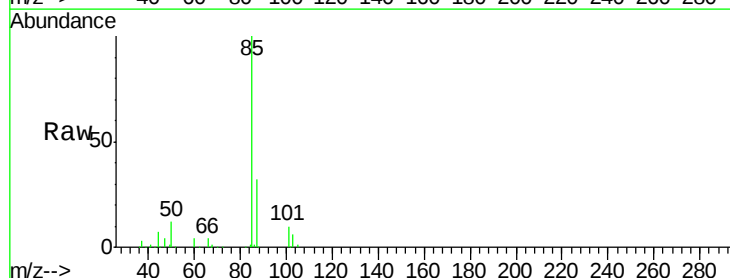
Acq: 20 Jun 2018 21:10

Tgt Ion: 85 Resp: 91748

Ion Ratio Lower Upper

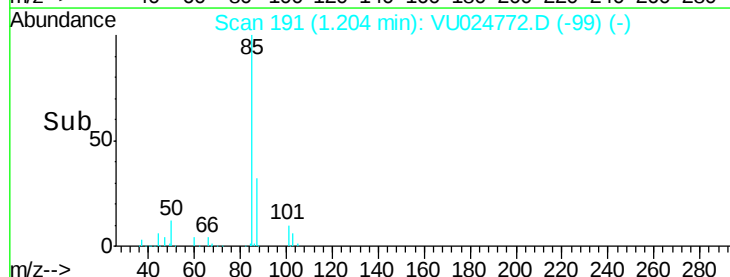
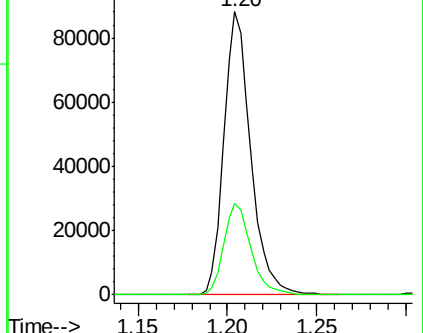
85 100

87 32.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU024502.D (-178) (-)

Ion 86.90 (86.60 to 87.60): VU024502.D (-178) (-)





#3

Chloromethane

Concen: 47.161 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

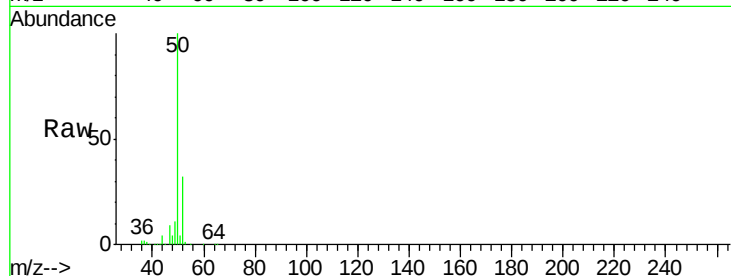
TPTW-04MSD

Tgt Ion: 50 Resp: 103869

Ion Ratio Lower Upper

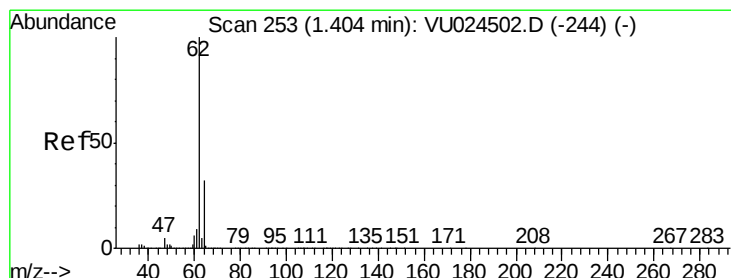
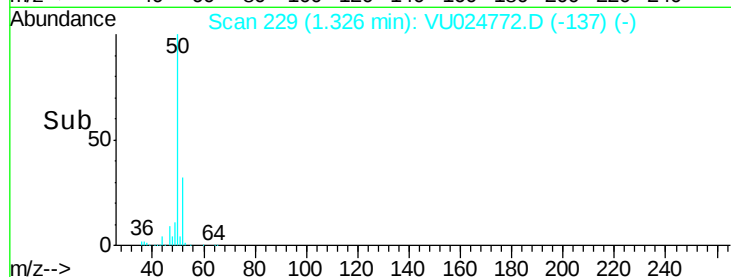
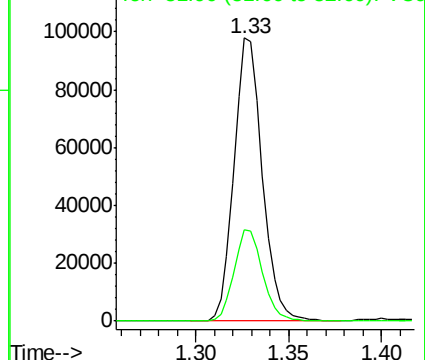
50 100

52 32.2 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 48.364 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU024772.D

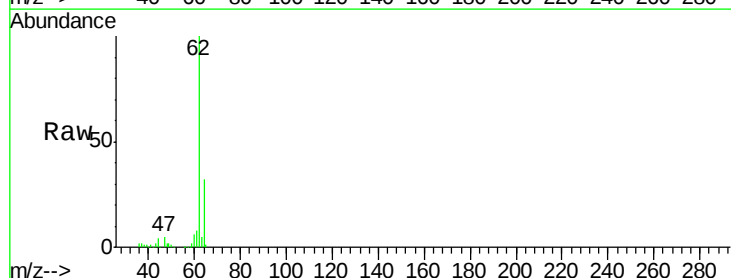
Acq: 20 Jun 2018 21:10

Tgt Ion: 62 Resp: 109853

Ion Ratio Lower Upper

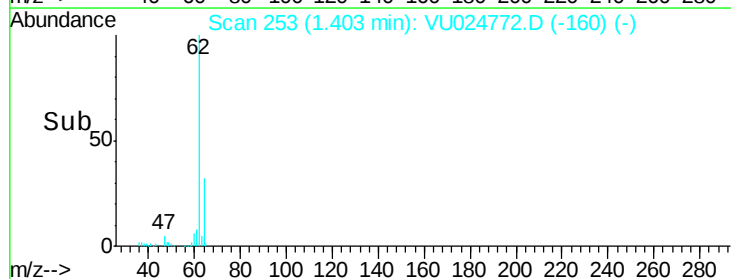
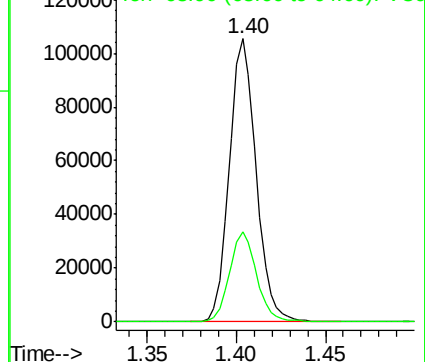
62 100

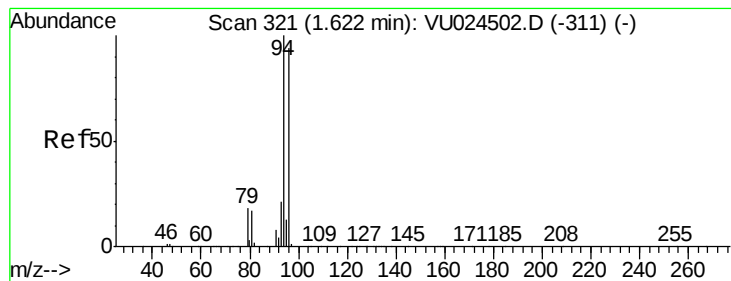
64 31.4 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 52.203 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

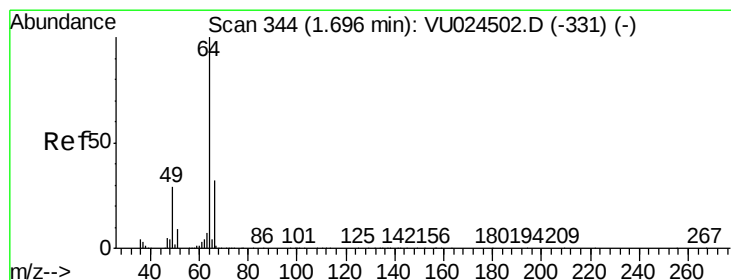
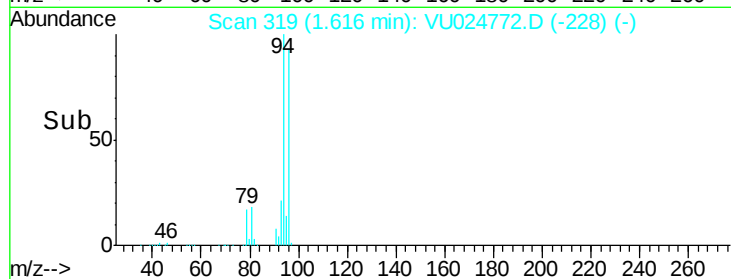
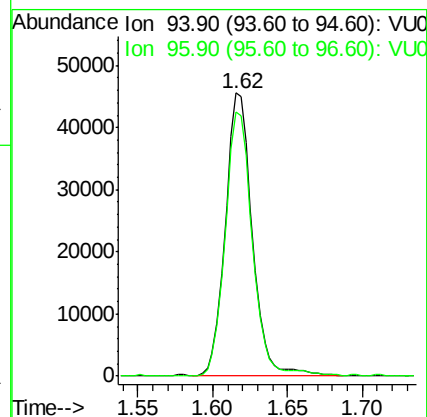
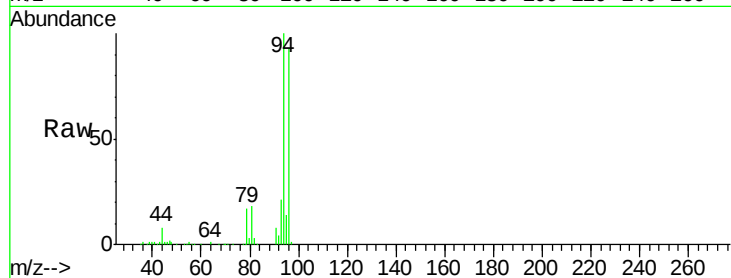
TPTW-04MSD

Tgt Ion: 94 Resp: 57319

Ion Ratio Lower Upper

94 100

96 93.0 74.5 111.7



#6

Chloroethane

Concen: 54.243 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU024772.D

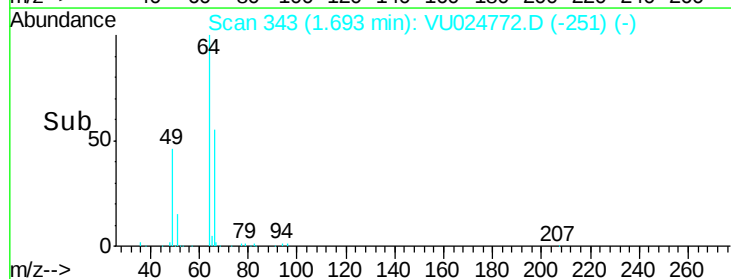
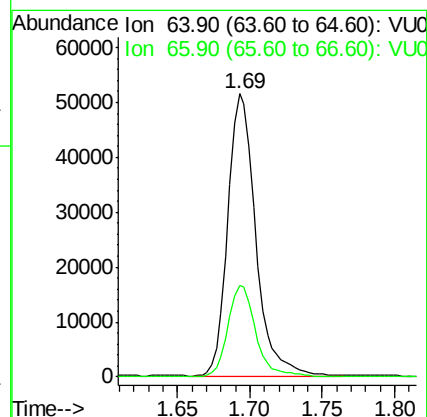
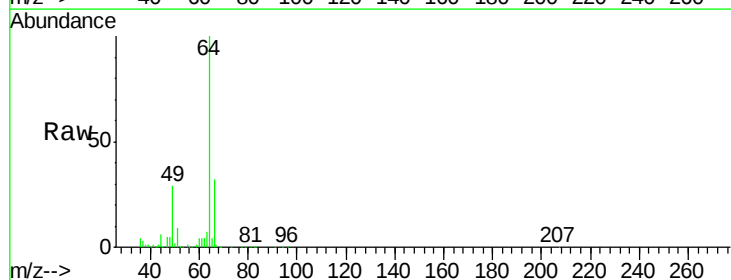
Acq: 20 Jun 2018 21:10

Tgt Ion: 64 Resp: 68732

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3



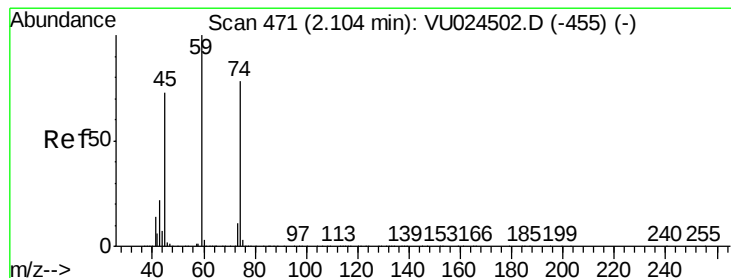
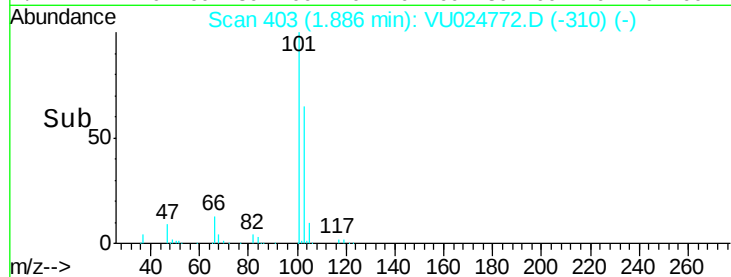
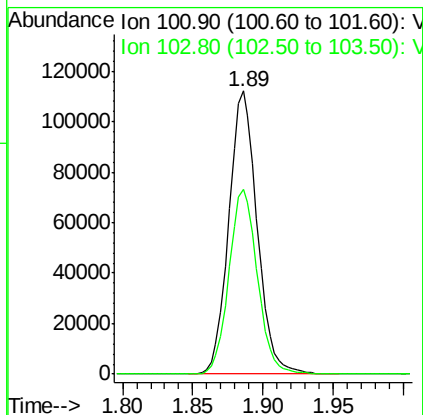
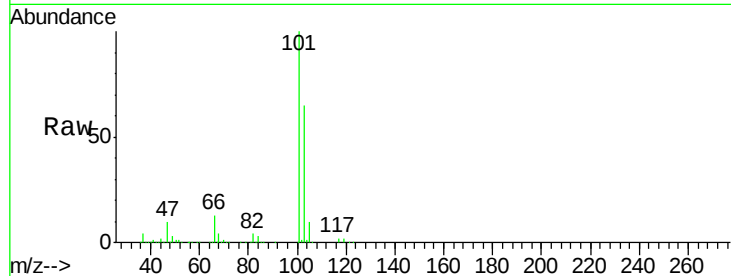


#7

Trichlorofluoromethane
 Concen: 45.496 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-04MSD

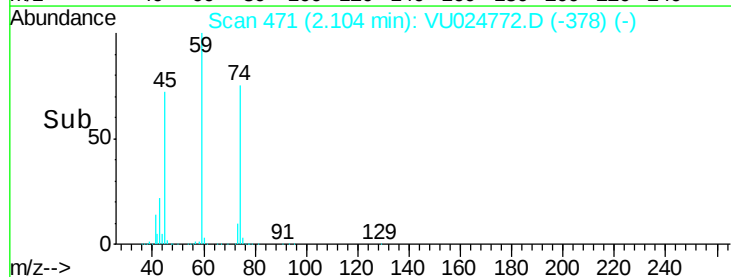
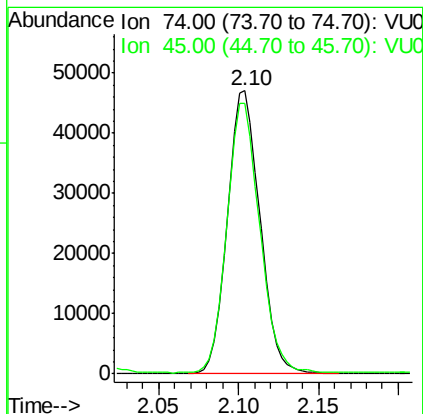
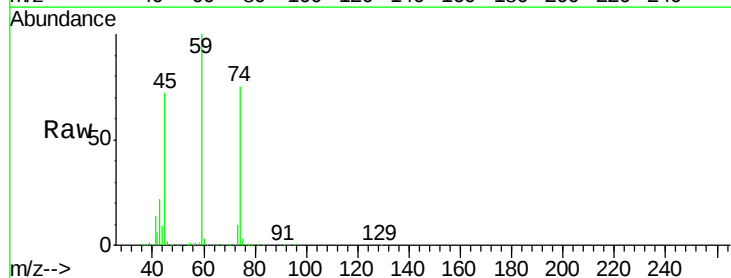
Tgt Ion: 101 Resp: 157702
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.3 78.5



#8

Diethyl Ether
 Concen: 55.890 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

Tgt Ion: 74 Resp: 65668
 Ion Ratio Lower Upper
 74 100
 45 96.3 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.198 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

TPTW-04MSD

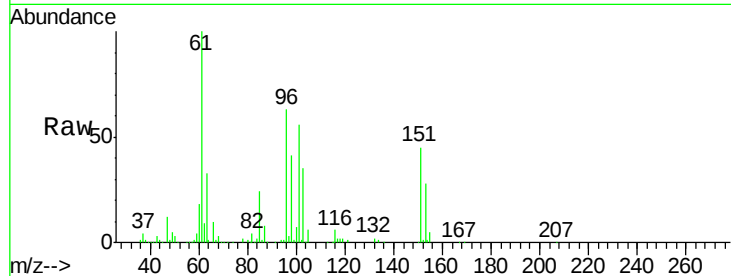
Tgt Ion:101 Resp: 90746

Ion Ratio Lower Upper

101 100

85 43.6 36.0 54.0

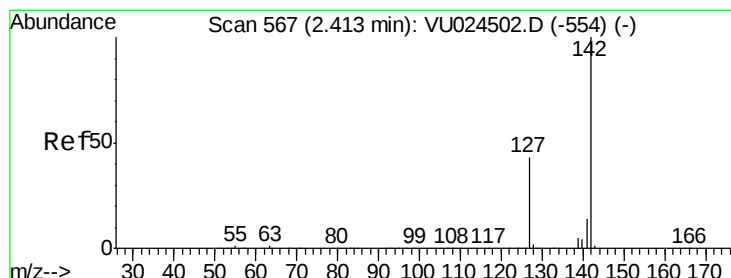
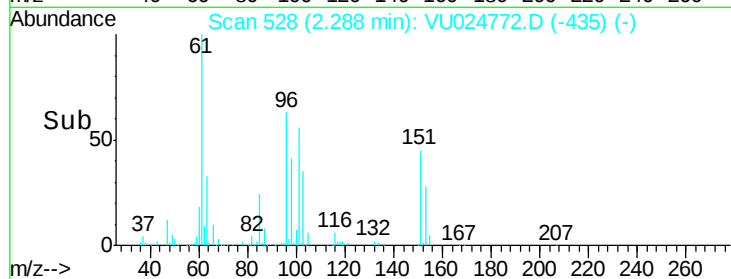
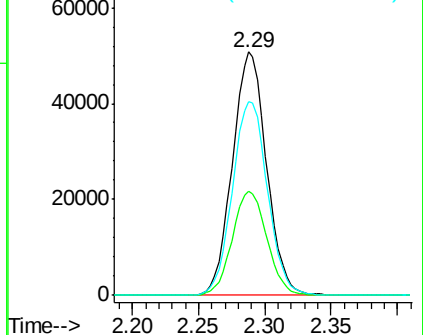
151 82.1 62.3 93.5



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: 53.276 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

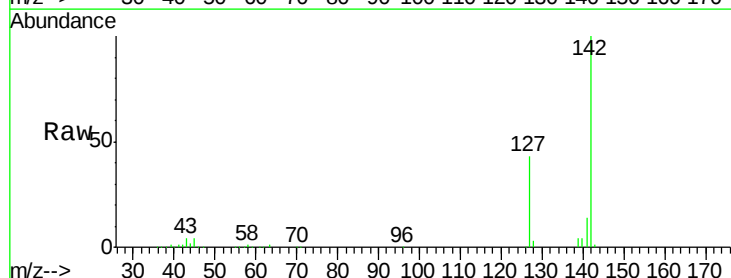
Tgt Ion:142 Resp: 97665

Ion Ratio Lower Upper

142 100

127 43.3 35.6 53.4

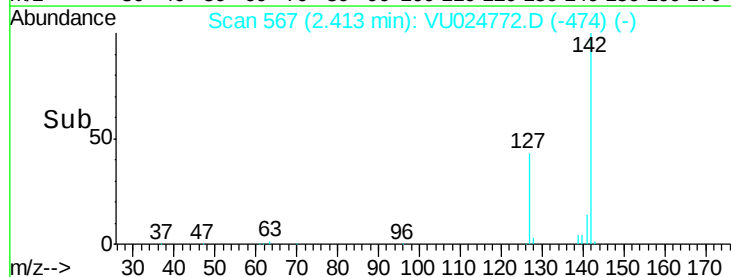
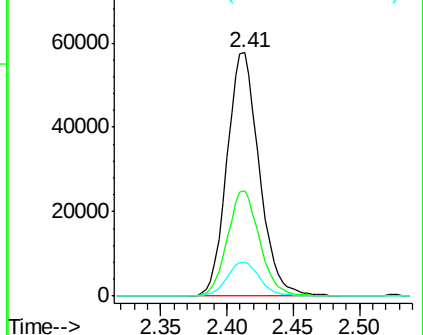
141 14.2 11.7 17.5



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



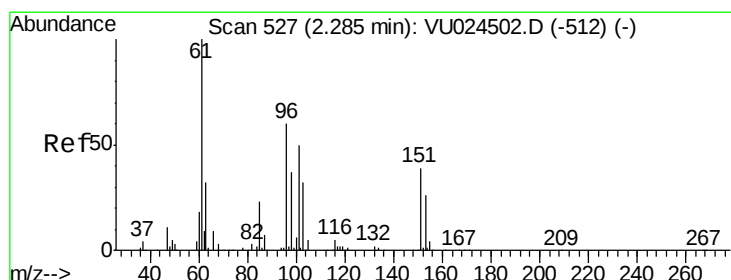
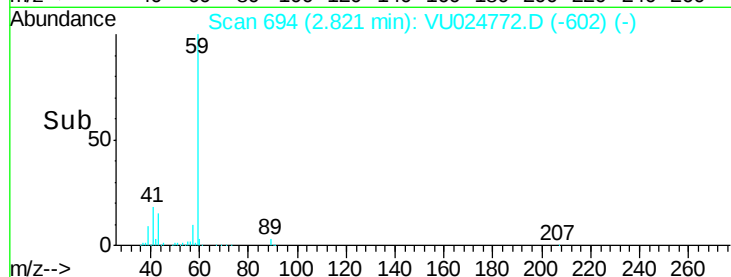
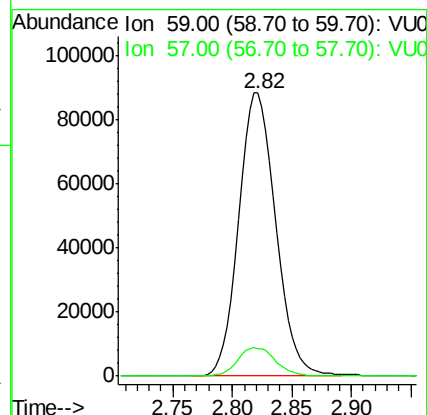
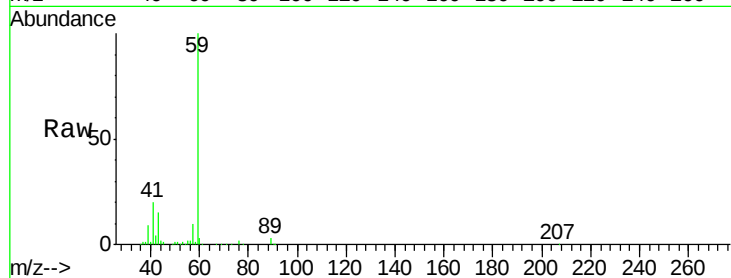


#11

Tert butyl alcohol
 Concen: 278.918 ug/l
 RT: 2.82 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-04MSD

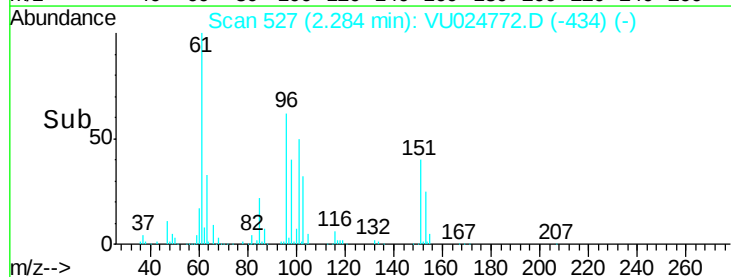
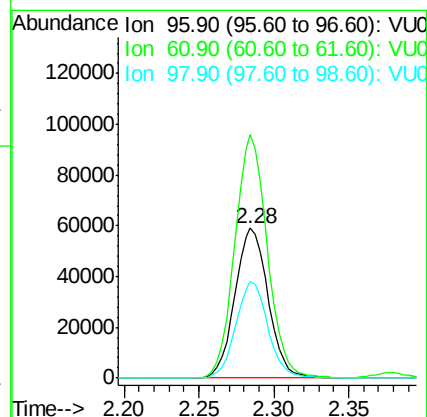
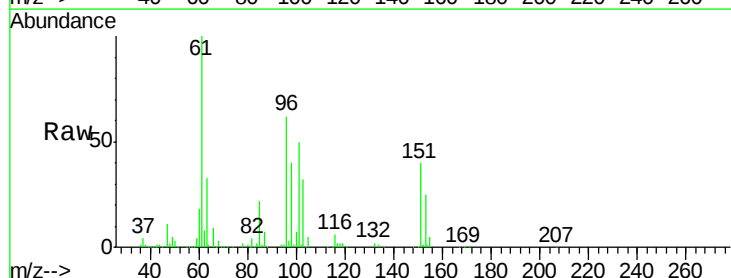
Tgt Ion: 59 Resp: 190733
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.5 12.7



#12

1,1-Dichloroethene
 Concen: 46.563 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

Tgt Ion: 96 Resp: 91316
 Ion Ratio Lower Upper
 96 100
 61 162.2 141.7 212.5
 98 64.4 51.6 77.4





#13

Acrolein

Concen: 190.296 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

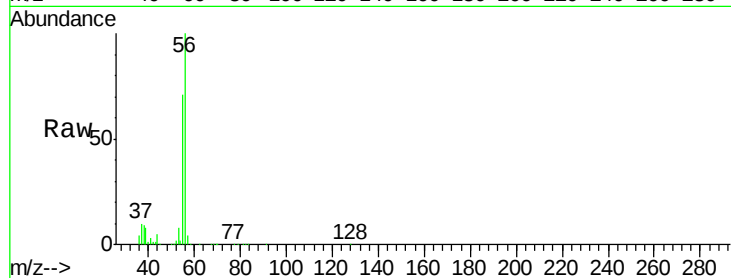
TPTW-04MSD

Tgt Ion: 56 Resp: 68335

Ion Ratio Lower Upper

56 100

55 71.6 58.4 87.6



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

2.19

50000

40000

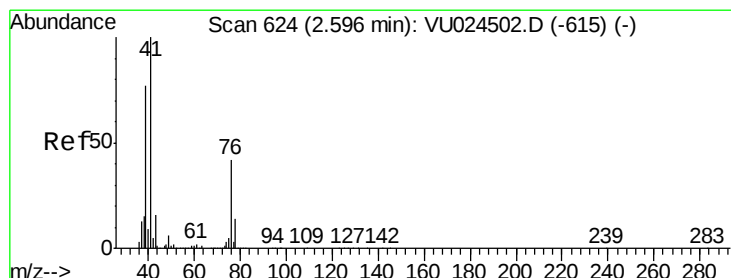
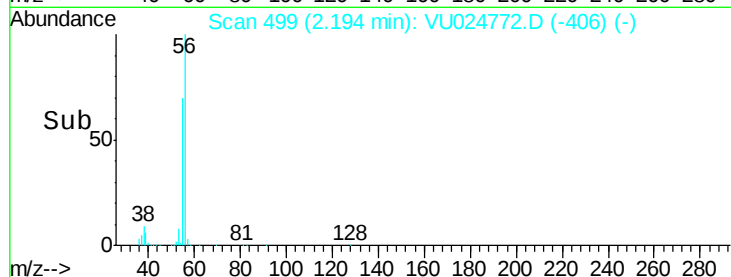
30000

20000

10000

0

Time--> 2.10 2.15 2.20 2.25 2.30



#14

Allyl chloride

Concen: 41.184 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

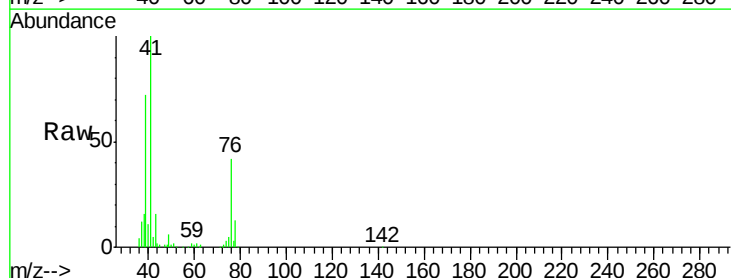
Tgt Ion: 41 Resp: 149963

Ion Ratio Lower Upper

41 100

39 71.3 61.6 92.4

76 40.3 29.7 44.5



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0

120000

100000

80000

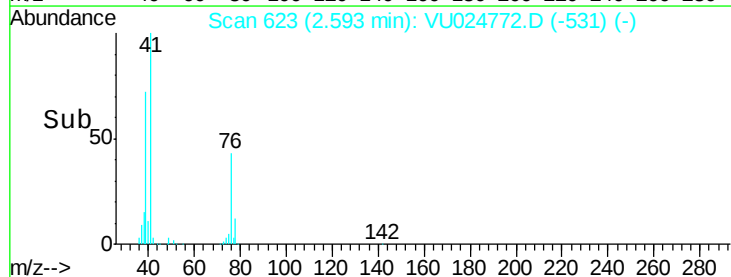
60000

40000

20000

0

Time--> 2.55 2.60 2.65





#15

Acrylonitrile

Concen: 253.967 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

TPTW-04MSD

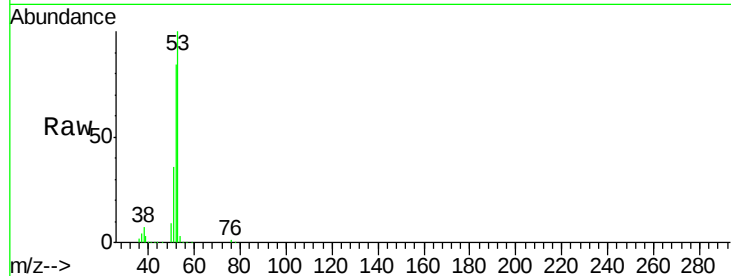
Tgt Ion: 53 Resp: 337897

Ion Ratio Lower Upper

53 100

52 83.4 67.1 100.7

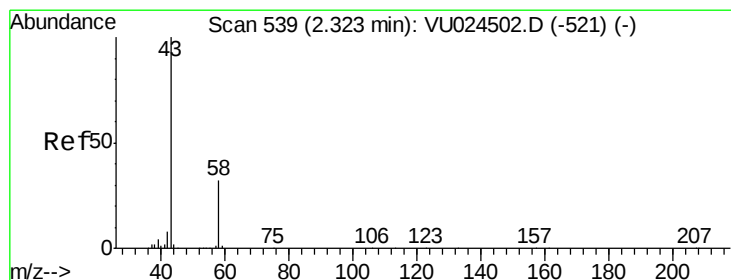
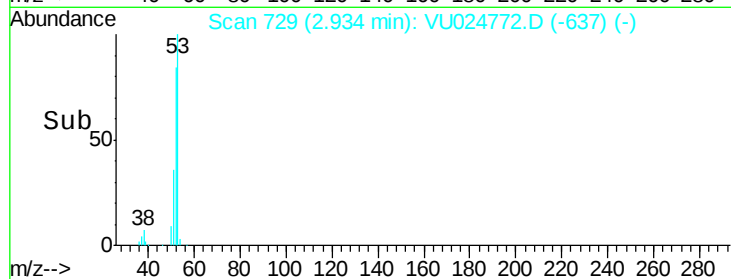
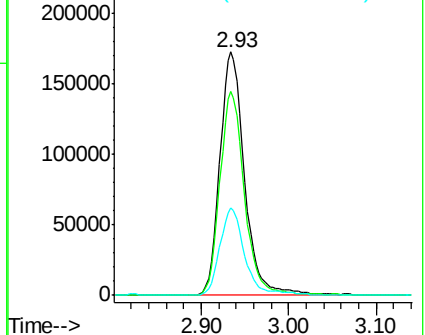
51 36.4 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 312.599 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024772.D

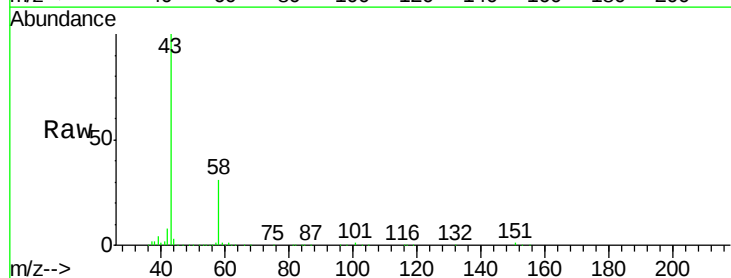
Acq: 20 Jun 2018 21:10

Tgt Ion: 43 Resp: 472252

Ion Ratio Lower Upper

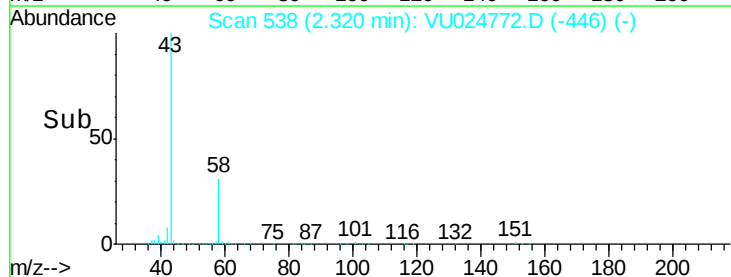
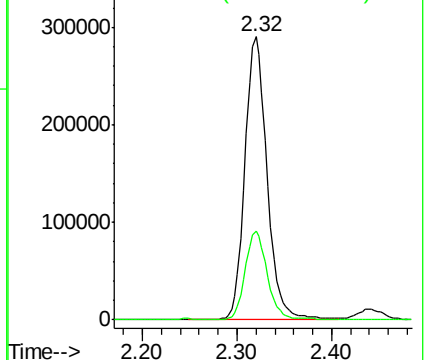
43 100

58 31.2 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 44.051 ug/l

RT: 2.48 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

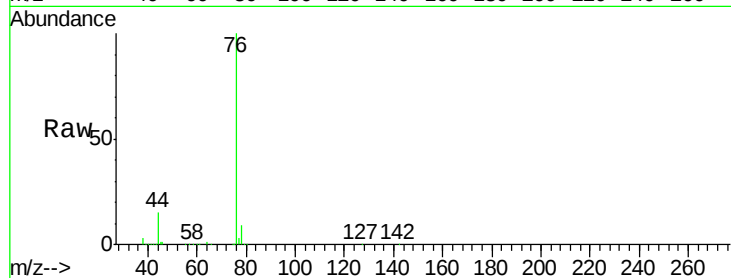
TPTW-04MSD

Tgt Ion: 76 Resp: 276620

Ion Ratio Lower Upper

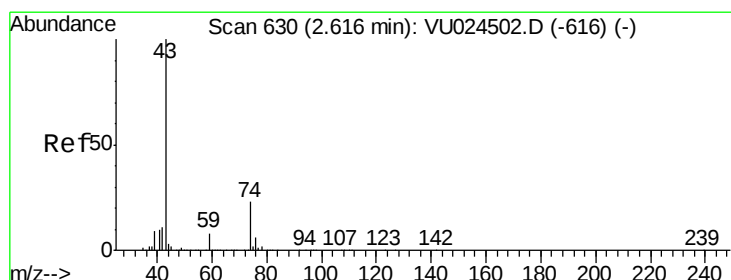
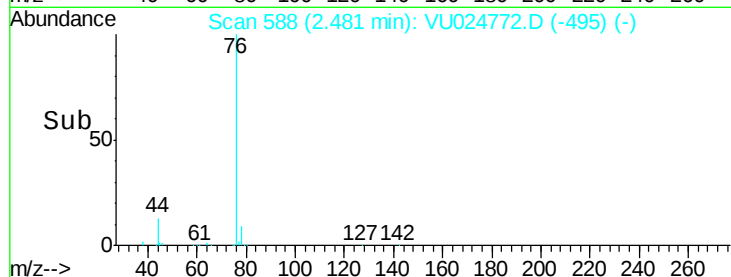
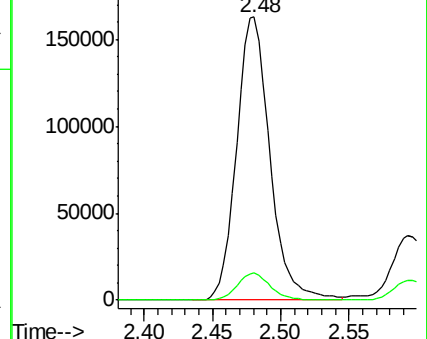
76 100

78 9.5 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 55.097 ug/l

RT: 2.61 min Scan# 629

Delta R.T. -0.00 min

Lab File: VU024772.D

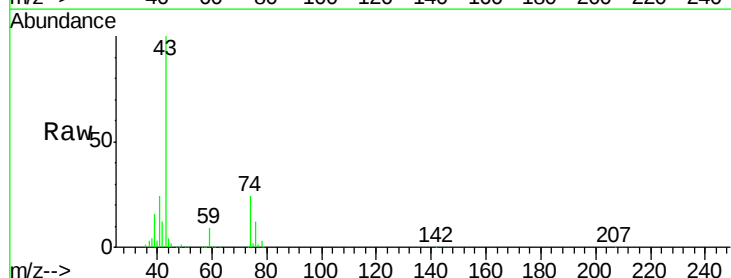
Acq: 20 Jun 2018 21:10

Tgt Ion: 43 Resp: 178441

Ion Ratio Lower Upper

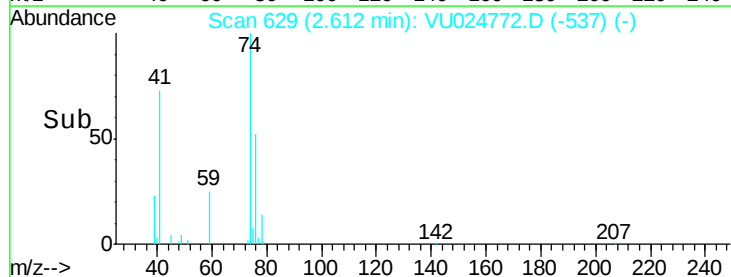
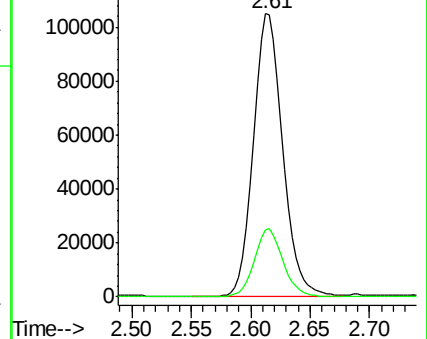
43 100

74 23.5 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





#19

Methyl tert-butyl Ether

Concen: 52.159 ug/l

RT: 3.00 min Scan# 749

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

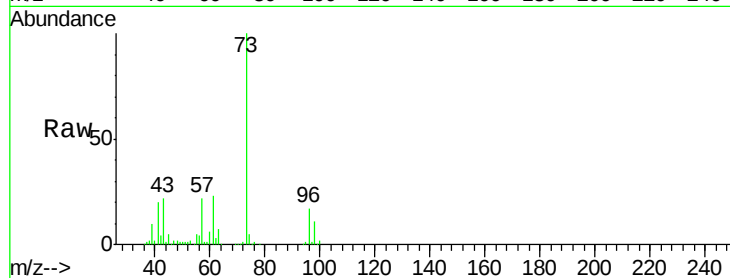
TPTW-04MSD

Tgt Ion: 73 Resp: 384501

Ion Ratio Lower Upper

73 100

57 22.4 18.8 28.2



Abundance Ion 73.00 (72.70 to 73.70): VU024772.D (-657) (-)

Ion 57.00 (56.70 to 57.70): VU024772.D (-657) (-)

3.00

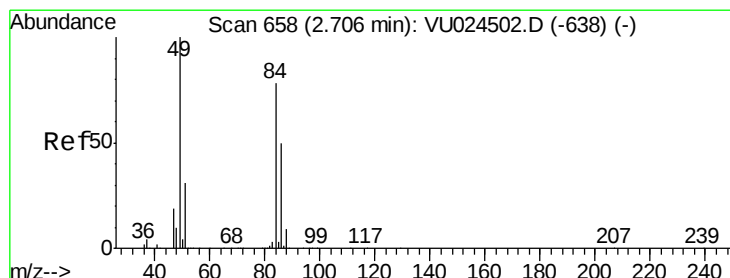
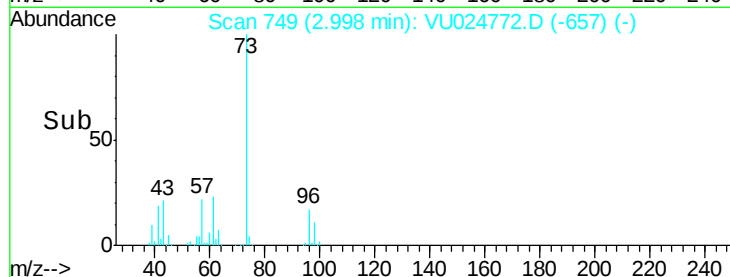
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 45.454 ug/l

RT: 2.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Tgt Ion: 84 Resp: 107746

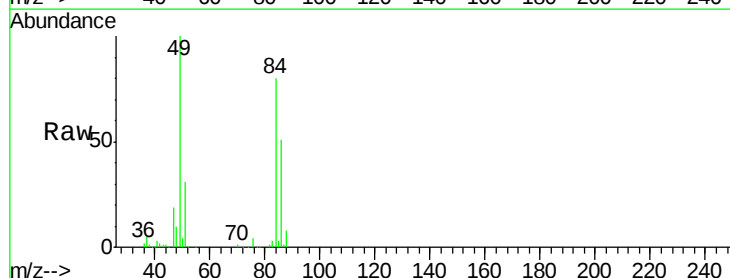
Ion Ratio Lower Upper

84 100

49 125.3 103.8 155.8

51 38.4 32.0 48.0

86 64.1 51.6 77.4



Abundance Ion 83.90 (83.60 to 84.60): VU024772.D (-565) (-)

Ion 48.90 (48.60 to 49.60): VU024772.D (-565) (-)

Ion 50.90 (50.60 to 51.60): VU024772.D (-565) (-)

Ion 85.90 (85.60 to 86.60): VU024772.D (-565) (-)

2.70

100000

80000

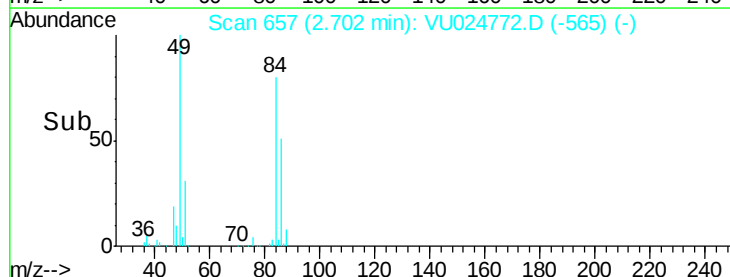
60000

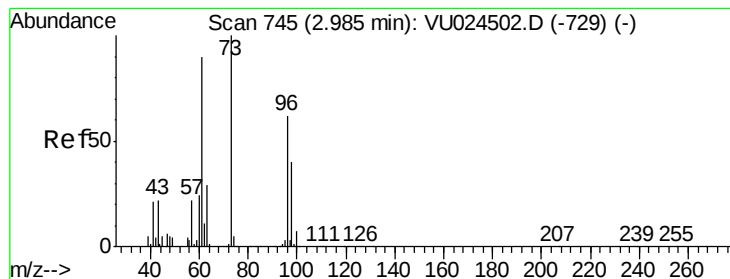
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 44.315 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

TPTW-04MSD

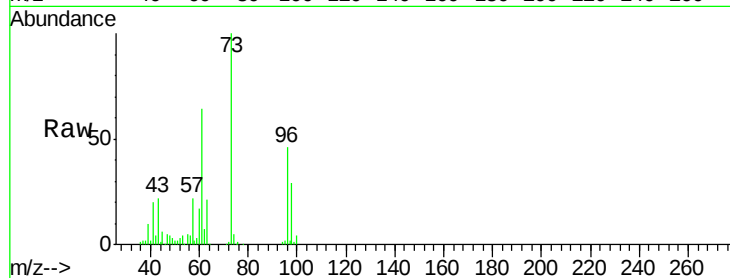
Tgt Ion: 96 Resp: 95718

Ion Ratio Lower Upper

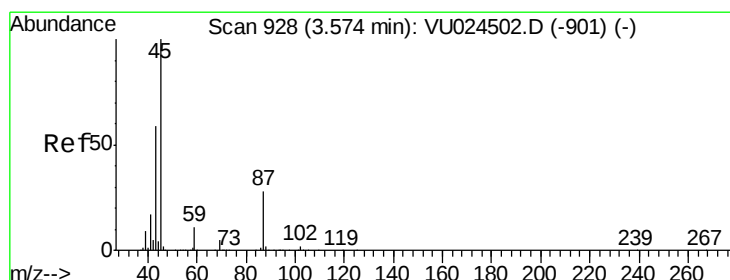
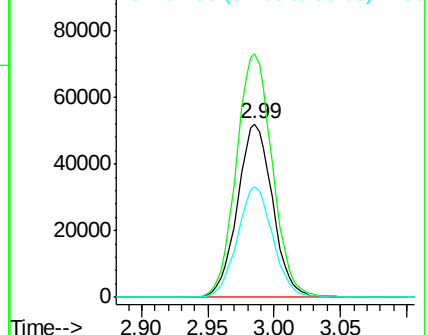
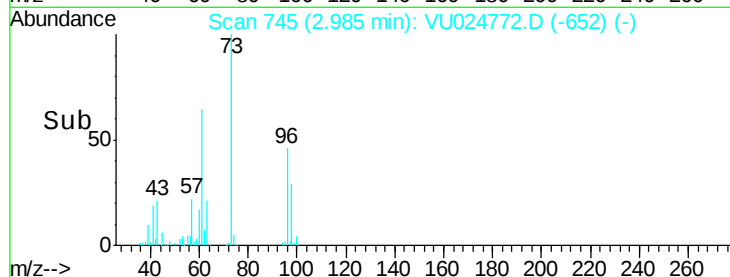
96 100

61 140.1 119.4 179.0

98 64.0 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VU024772.D (-652) (-)



#22

Diisopropyl ether

Concen: 48.404 ug/l

RT: 3.57 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Tgt Ion: 45 Resp: 349394

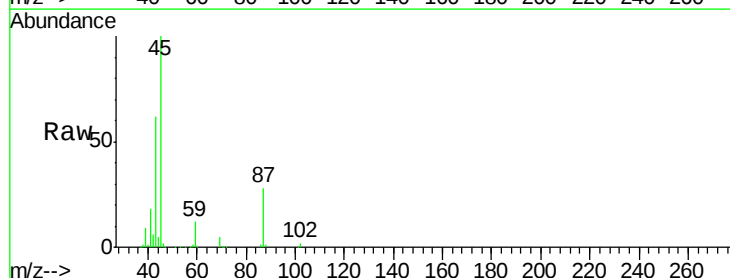
Ion Ratio Lower Upper

45 100

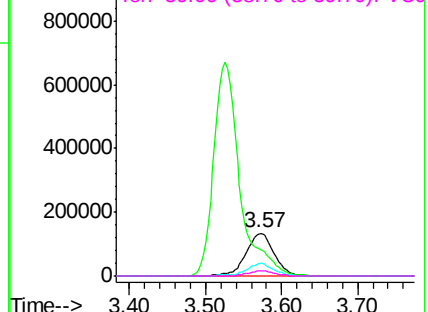
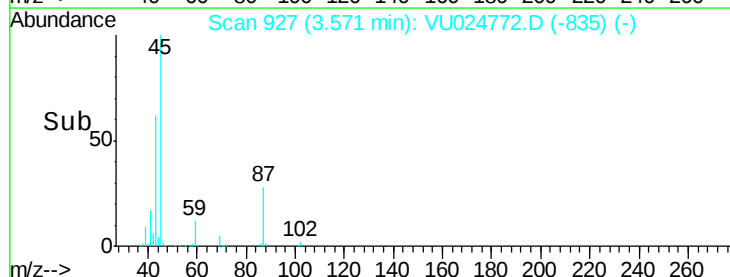
43 61.4 45.8 68.6

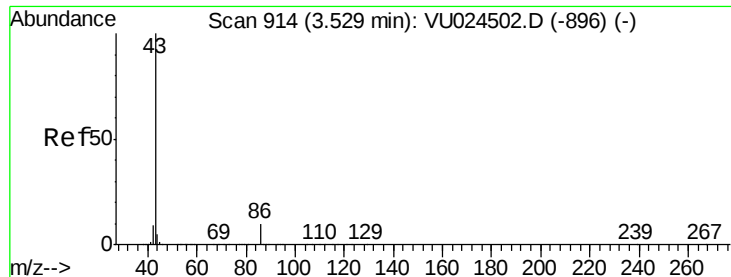
87 28.4 20.6 31.0

59 11.9 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VU024772.D (-835) (-)





#23

Vinyl Acetate

Concen: 246.812 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

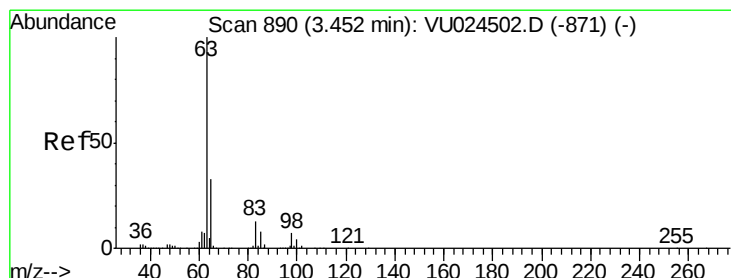
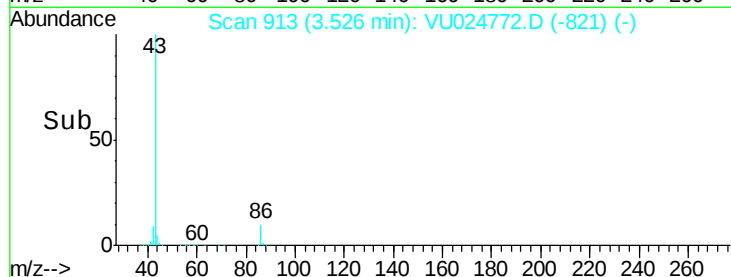
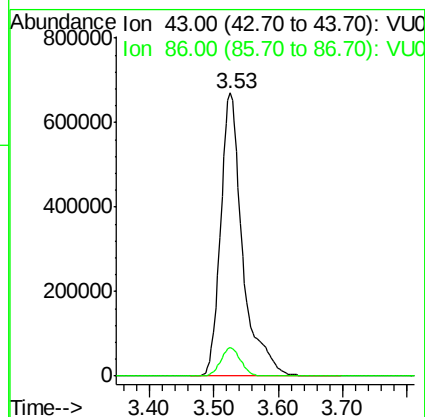
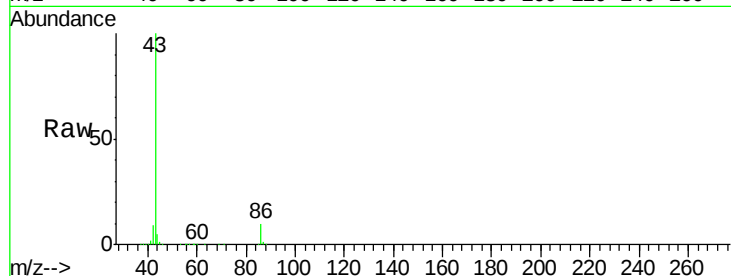
TPTW-04MSD

Tgt Ion: 43 Resp: 1595892

Ion Ratio Lower Upper

43 100

86 10.0 7.8 11.8



#24

1,1-Dichloroethane

Concen: 47.237 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

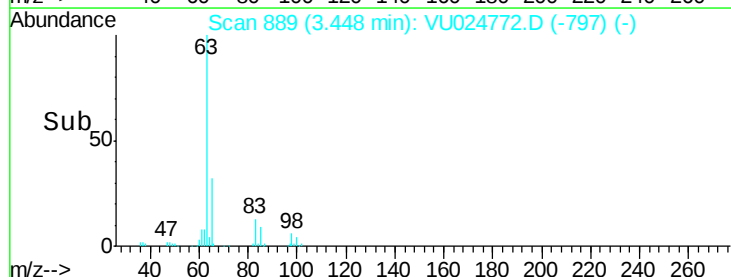
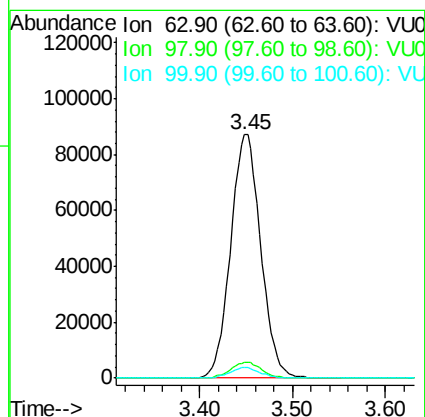
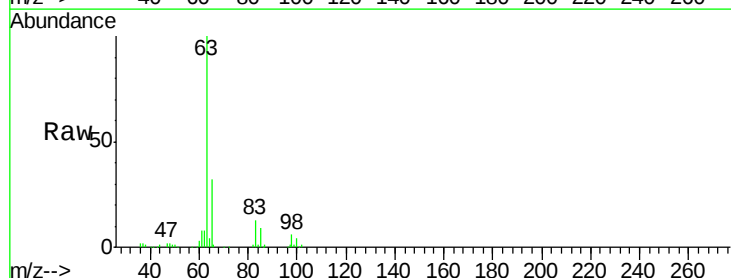
Tgt Ion: 63 Resp: 196149

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

100 4.5 1.8 5.5

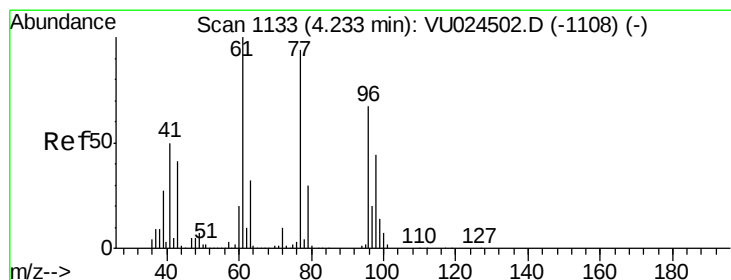
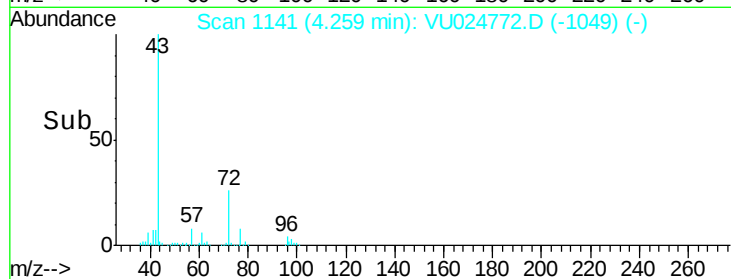
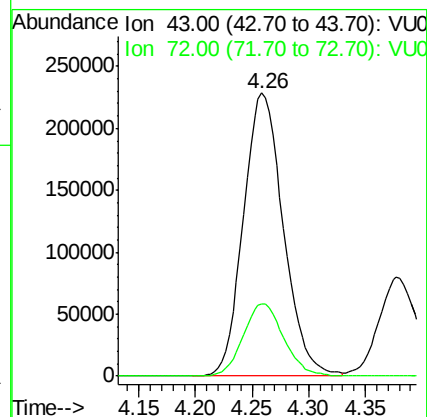
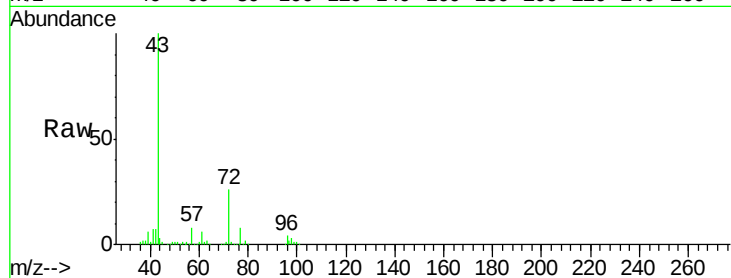




#25
 2-Butanone
 Concen: 275.104 ug/l
 RT: 4.26 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

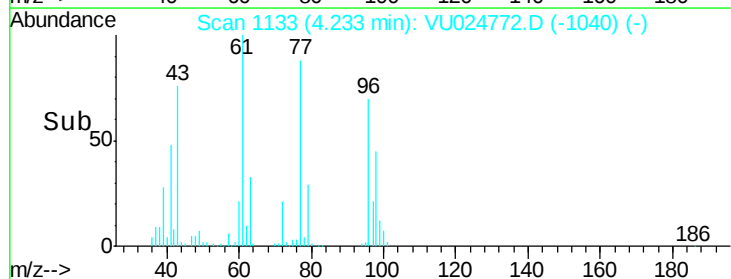
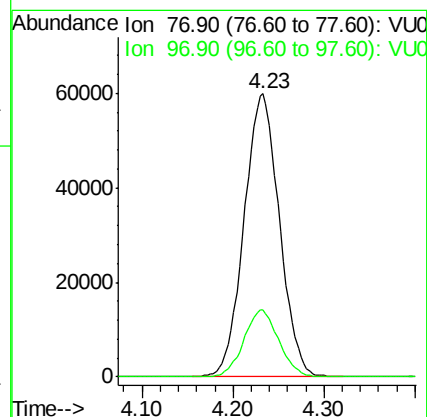
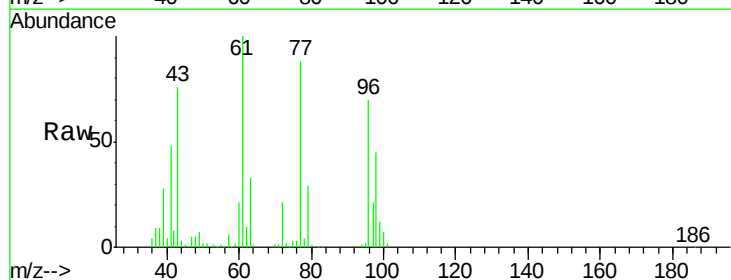
Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-04MSD

Tgt Ion: 43 Resp: 558254
 Ion Ratio Lower Upper
 43 100
 72 25.7 19.6 29.4



#26
 2,2-Dichloropropane
 Concen: 40.945 ug/l
 RT: 4.23 min Scan# 1133
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

Tgt Ion: 77 Resp: 161445
 Ion Ratio Lower Upper
 77 100
 97 23.3 11.3 33.8

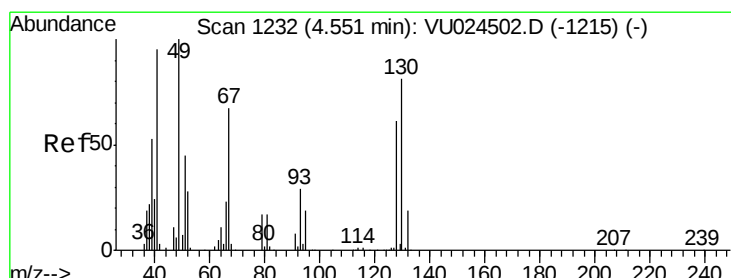
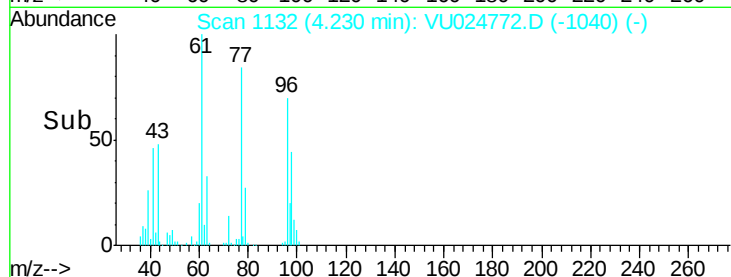
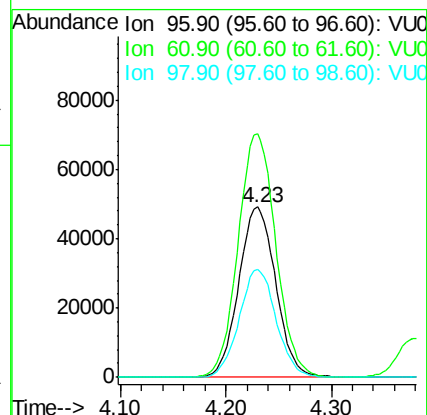
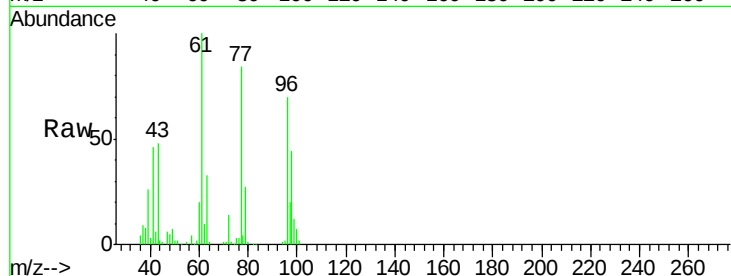




#27
 cis-1,2-Dichloroethene
 Concen: 48.274 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

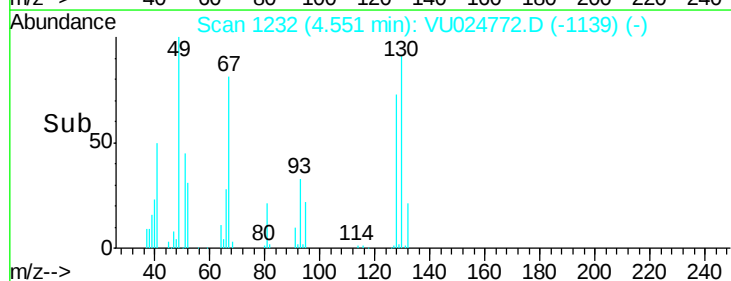
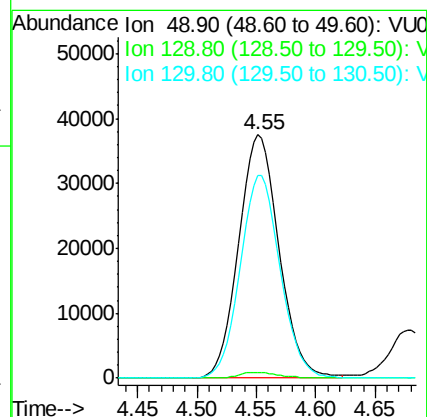
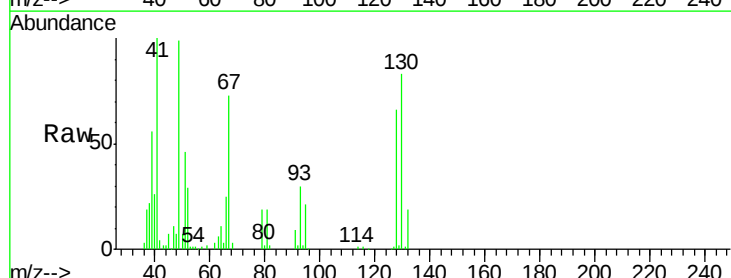
Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-04MSD

Tgt Ion: 96 Resp: 119874
 Ion Ratio Lower Upper
 96 100
 61 146.1 0.0 306.6
 98 63.5 0.0 128.8



#28
 Bromochloromethane
 Concen: 48.214 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

Tgt Ion: 49 Resp: 88183
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 82.5 57.8 86.6





#29

Tetrahydrofuran

Concen: 281.753 ug/l

RT: 4.63 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

TPTW-04MSD

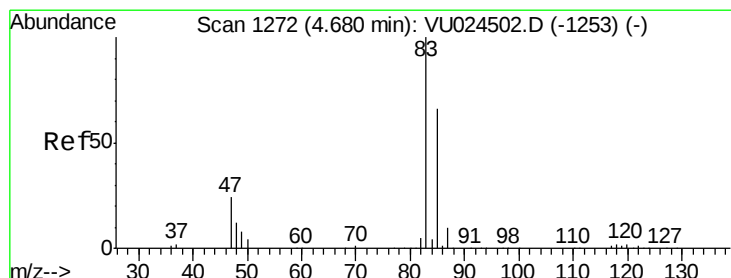
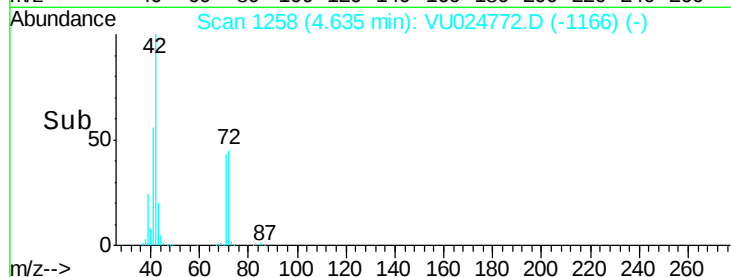
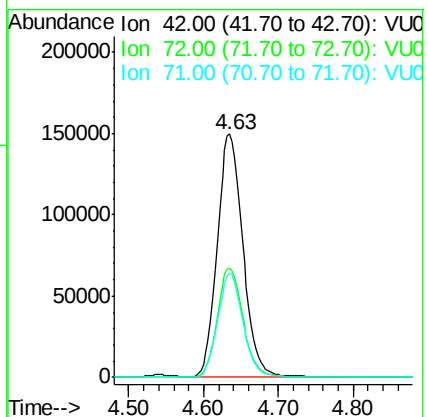
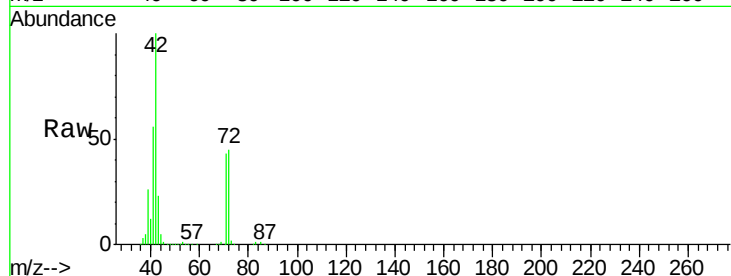
Tgt Ion: 42 Resp: 354064

Ion Ratio Lower Upper

42 100

72 45.5 34.5 51.7

71 42.3 32.2 48.4



#30

Chloroform

Concen: 48.746 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU024772.D

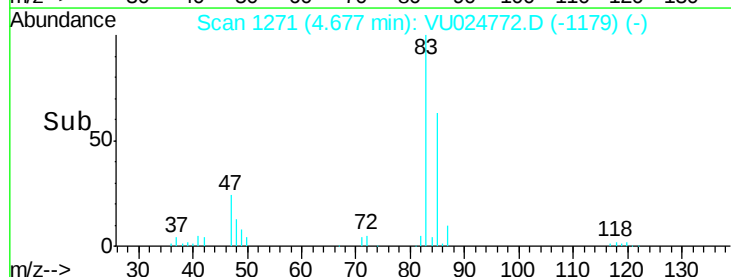
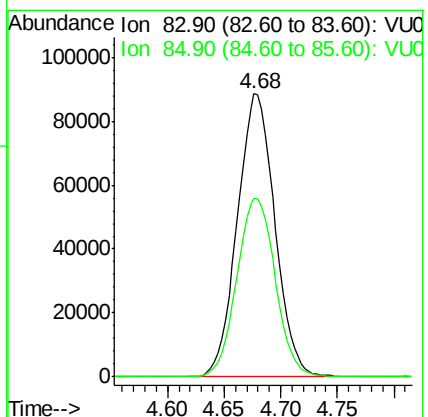
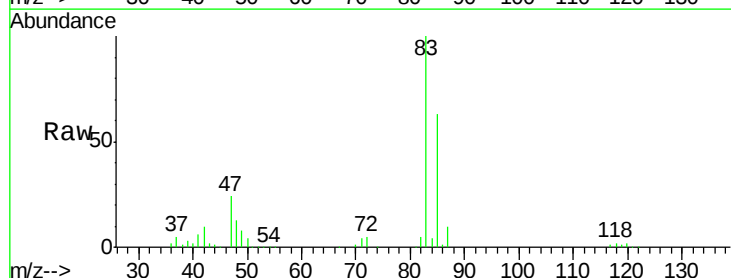
Acq: 20 Jun 2018 21:10

Tgt Ion: 83 Resp: 204878

Ion Ratio Lower Upper

83 100

85 63.2 52.4 78.6

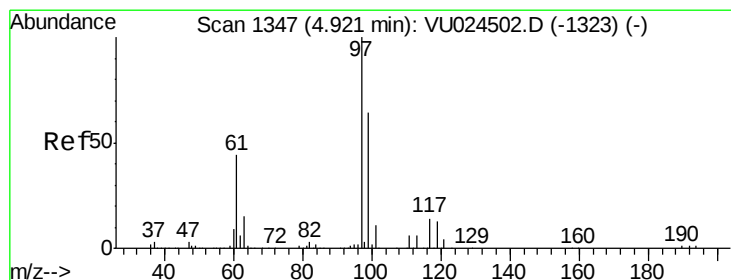
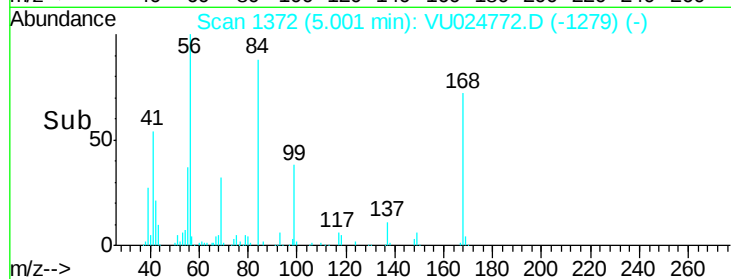
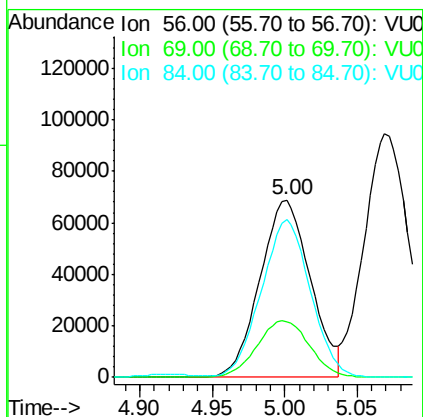
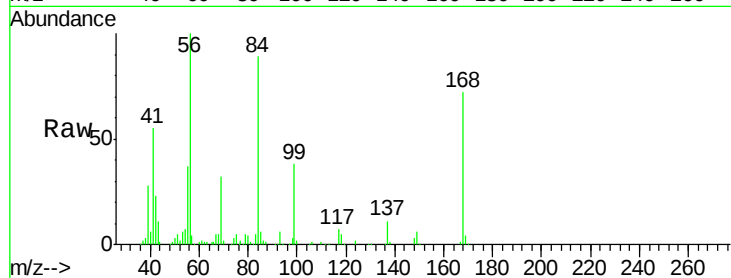




#31
Cyclohexane
Concen: 44.967 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

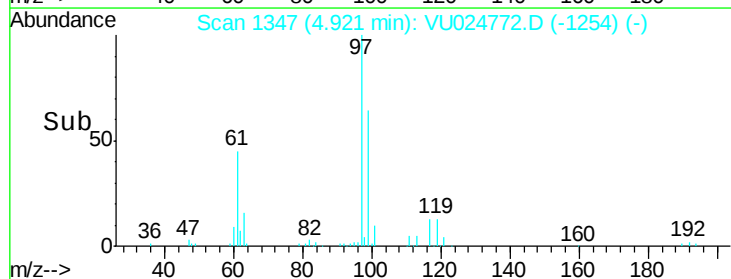
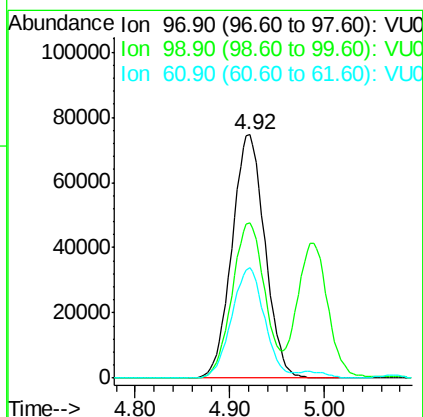
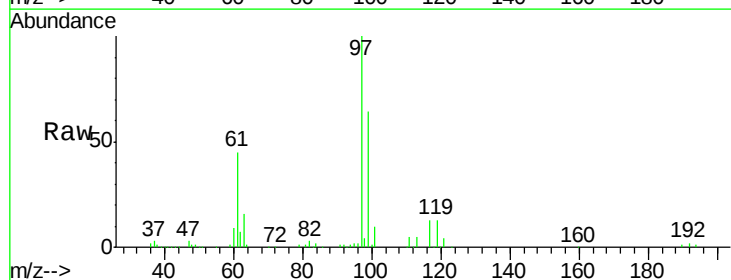
Instrument :
MSVOA_U
ClientSampleId :
TPTW-04MSD

Tgt Ion: 56 Resp: 166550
Ion Ratio Lower Upper
56 100
69 31.5 24.8 37.2
84 87.8 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 46.482 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Tgt Ion: 97 Resp: 180656
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.6
61 45.2 39.4 59.0





#33

1,2-Dichloroethane-d4

Concen: 46.388 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

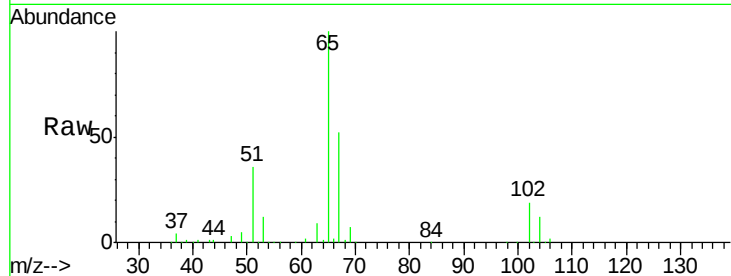
TPTW-04MSD

Tgt Ion: 65 Resp: 130429

Ion Ratio Lower Upper

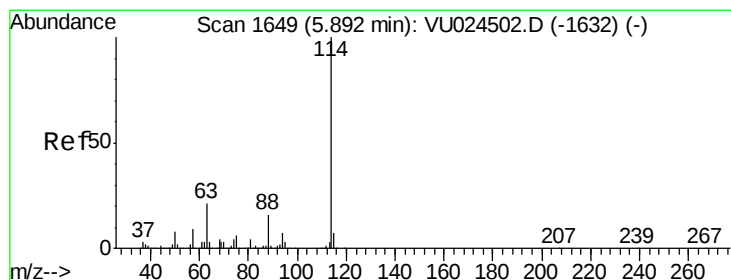
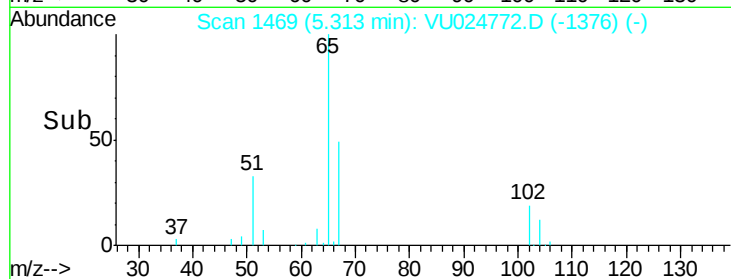
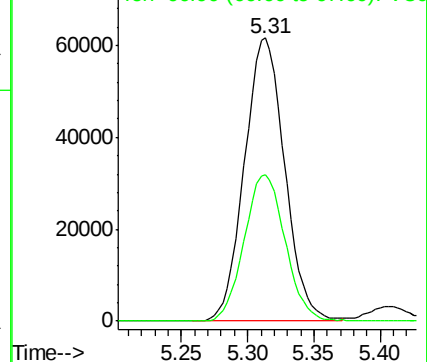
65 100

67 52.6 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU024772.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU024772.D (-1376) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

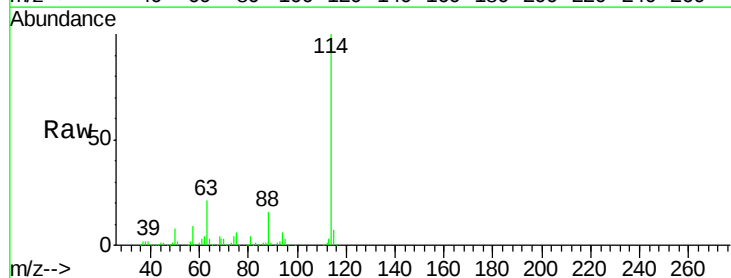
Tgt Ion: 114 Resp: 266984

Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.4

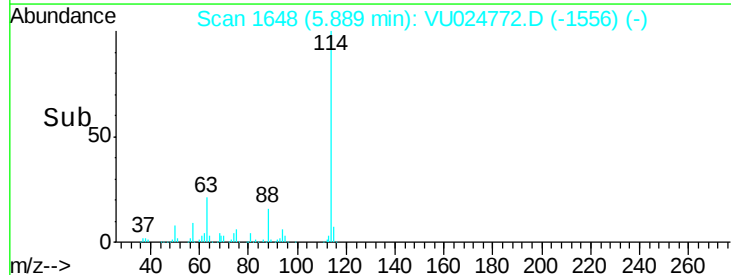
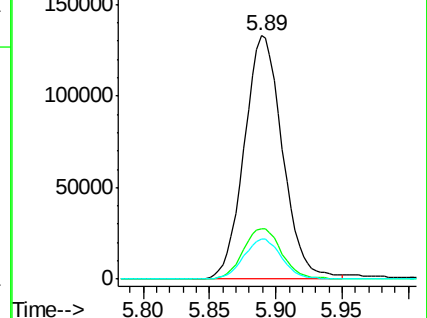
88 16.4 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VU024772.D (-1556) (-)

Ion 63.00 (62.70 to 63.70): VU024772.D (-1556) (-)

Ion 87.90 (87.60 to 88.60): VU024772.D (-1556) (-)

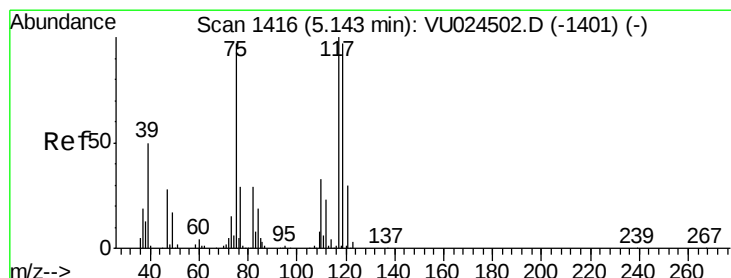
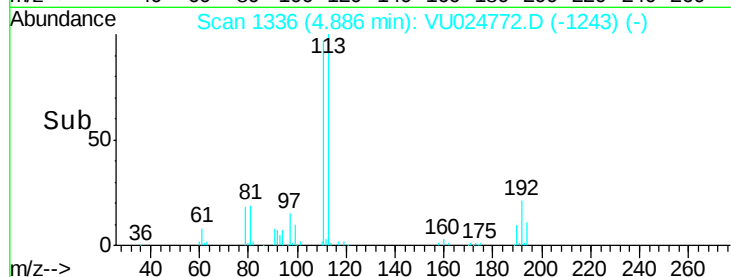
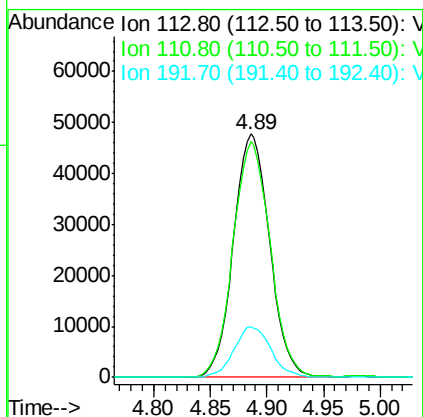
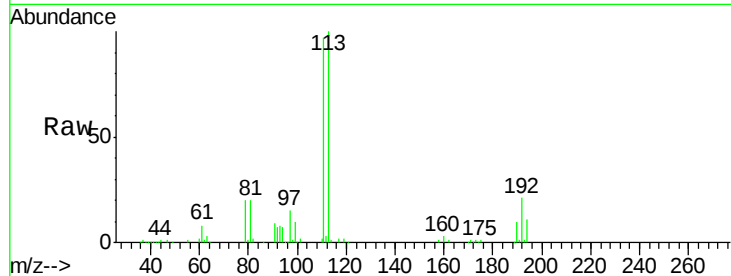




#35
 Dibromofluoromethane
 Concen: 48.046 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

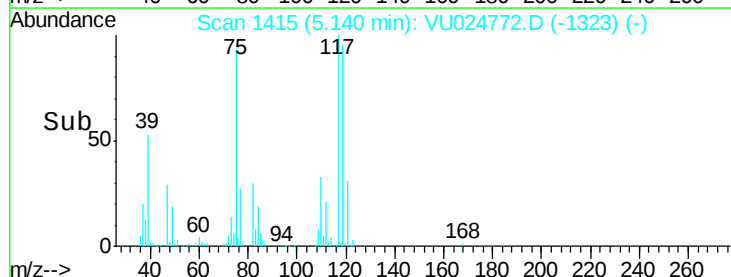
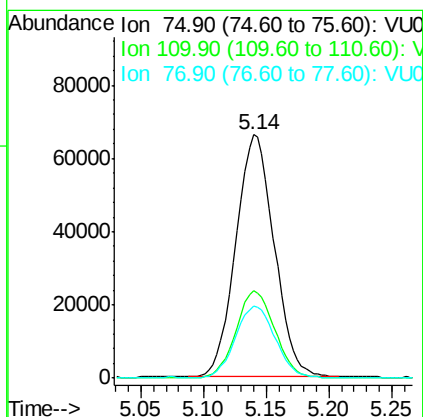
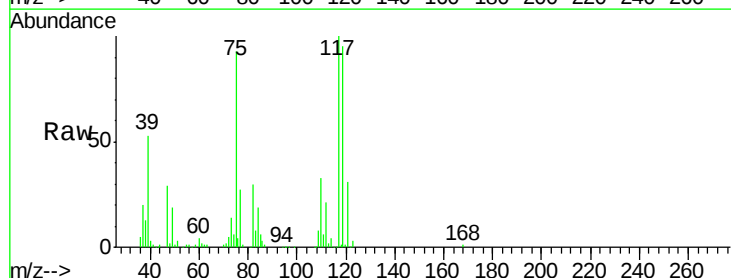
Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-04MSD

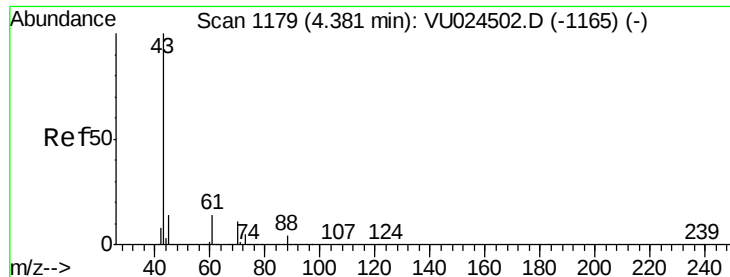
Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.4	82.2	123.4
192	21.3	16.2	24.4



#36
 1,1-Dichloropropene
 Concen: 44.675 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	17.0	50.9
77	30.4	24.2	36.4

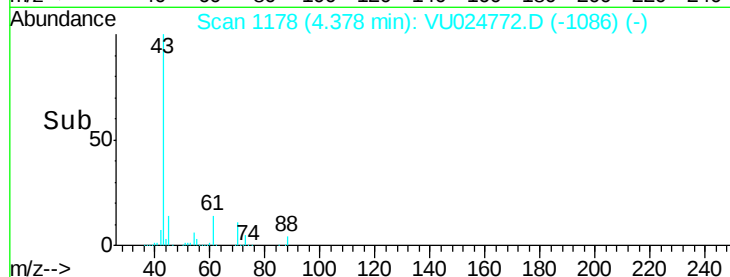
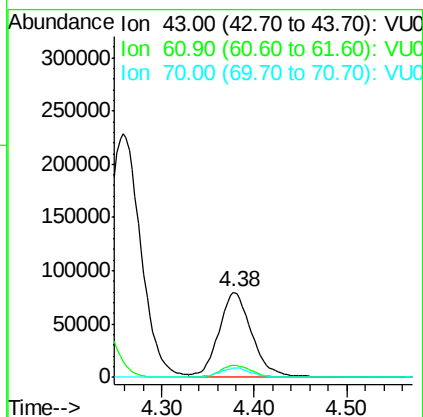
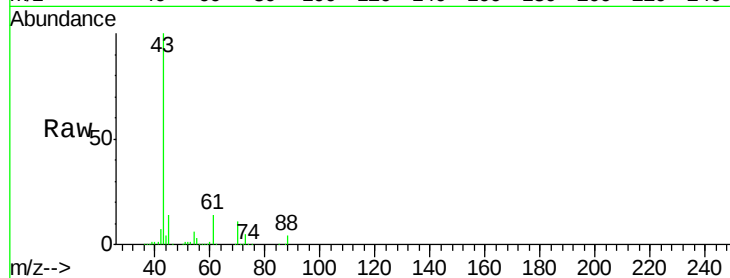




#37
 Ethyl Acetate
 Concen: 56.355 ug/l
 RT: 4.38 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

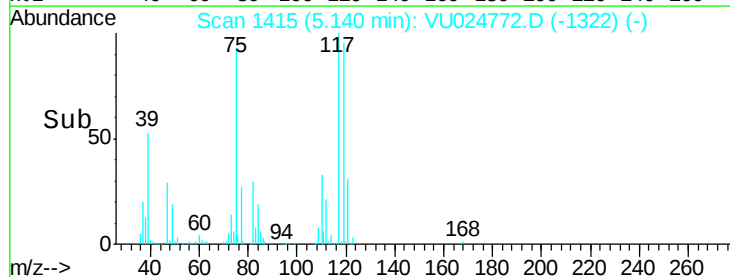
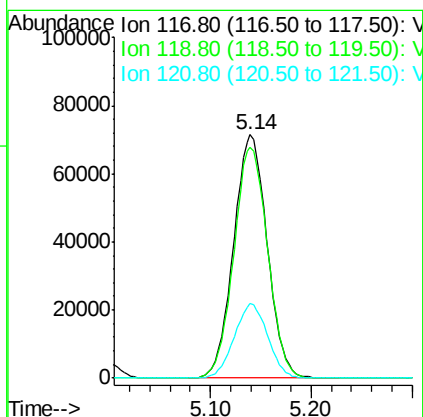
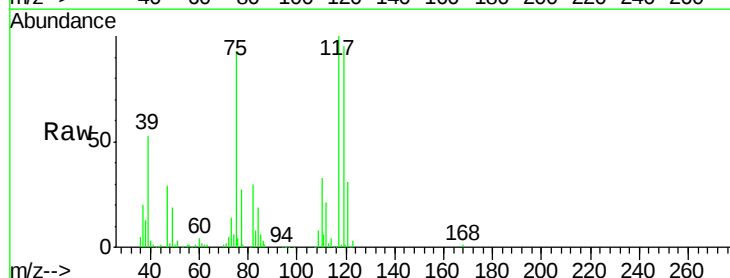
Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-04MSD

Tgt Ion:	43	Resp:	192702
Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.5	15.7
70	10.6	7.4	11.2



#38
 Carbon Tetrachloride
 Concen: 47.763 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

Tgt Ion:	117	Resp:	164781
Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.1	114.1
121	30.6	23.7	35.5

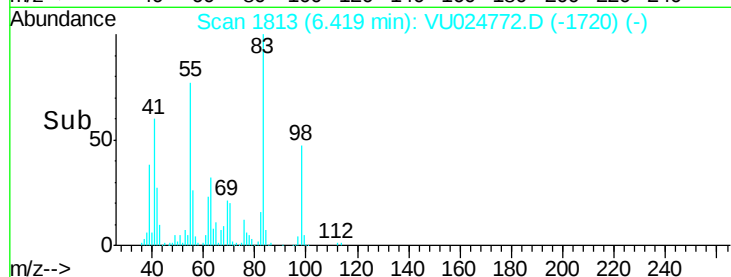
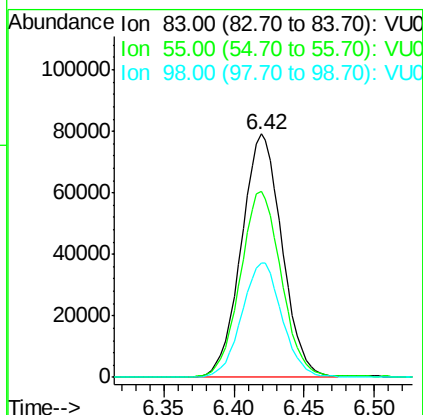
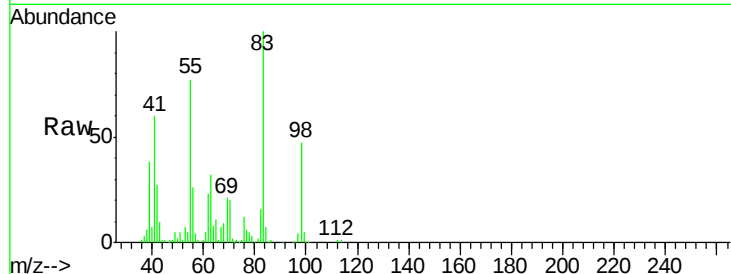




#39
Methylcyclohexane
Concen: 40.748 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

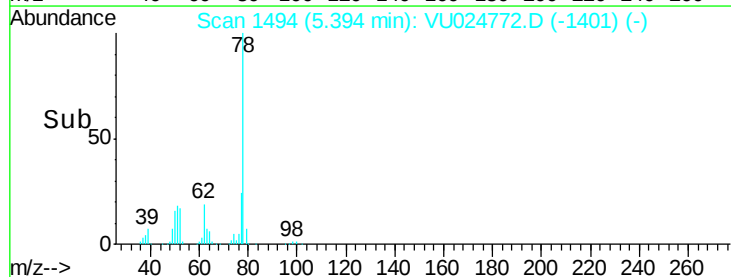
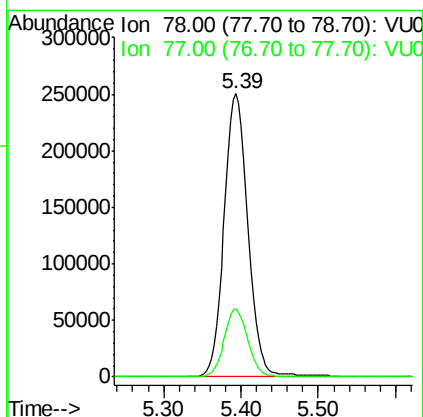
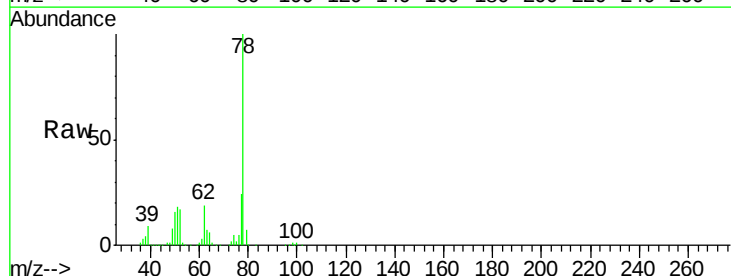
Instrument :
MSVOA_U
ClientSampleId :
TPTW-04MSD

Tgt Ion: 83 Resp: 159532
Ion Ratio Lower Upper
83 100
55 76.3 65.8 98.6
98 47.0 36.7 55.1



#40
Benzene
Concen: 59.947 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Tgt Ion: 78 Resp: 535900
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8

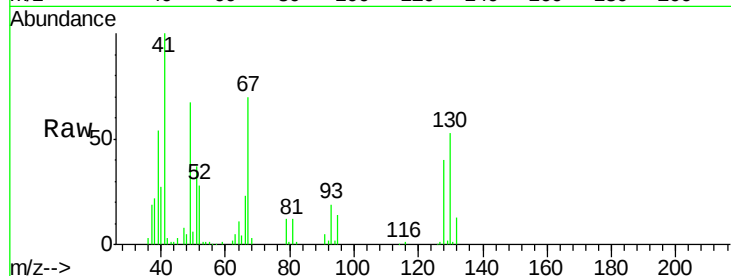




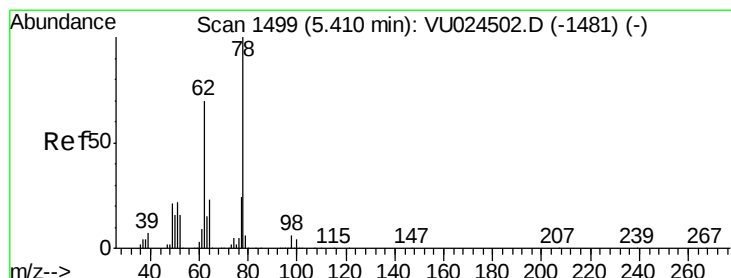
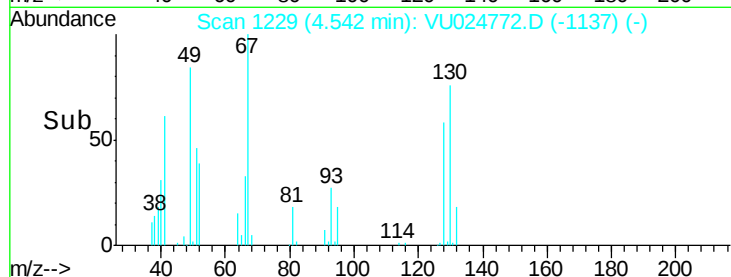
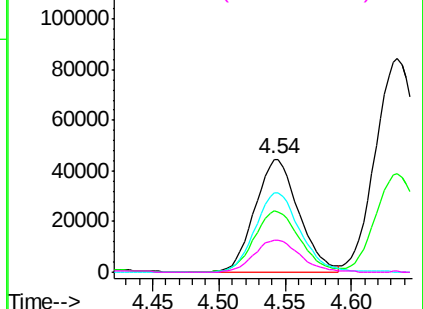
#41
Methacrylonitrile
Concen: 55.737 ug/l
RT: 4.54 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Instrument :
MSVOA_U
ClientSampleId :
TPTW-04MSD

Tgt Ion:	41	Resp:	102757
Ion	Ratio	Lower	Upper
41	100		
39	56.9	43.8	65.6
67	72.9	56.3	84.5
52	29.7	23.2	34.8

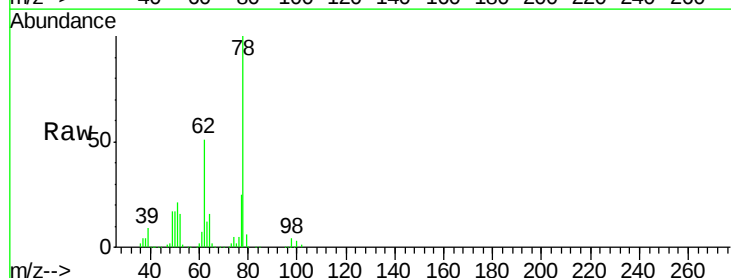


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

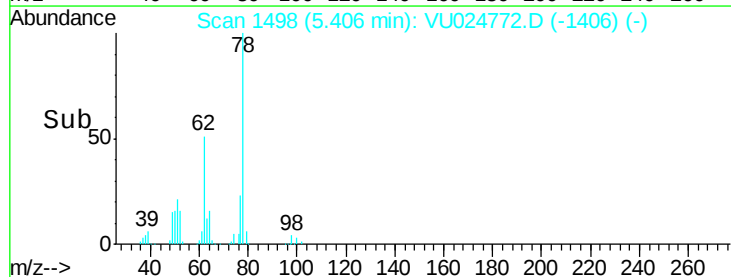
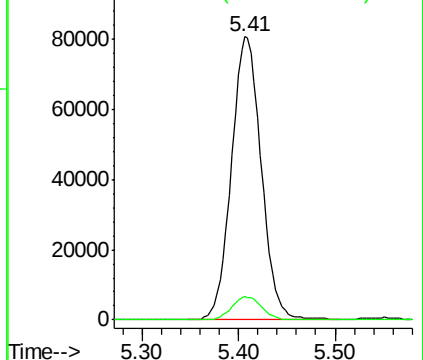


#42
1,2-Dichloroethane
Concen: 50.688 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Tgt Ion:	62	Resp:	172580
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6



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





#43

Isopropyl Acetate

Concen: 51.278 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

TPTW-04MSD

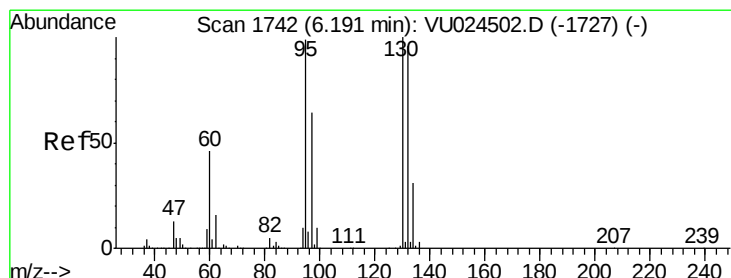
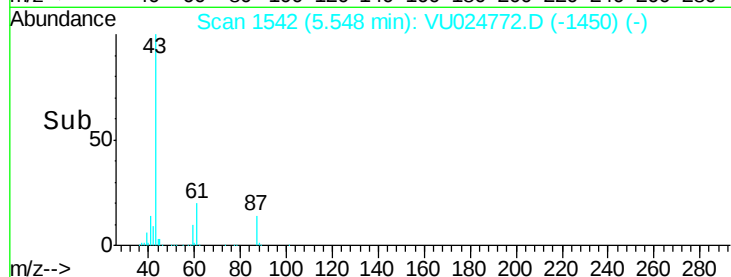
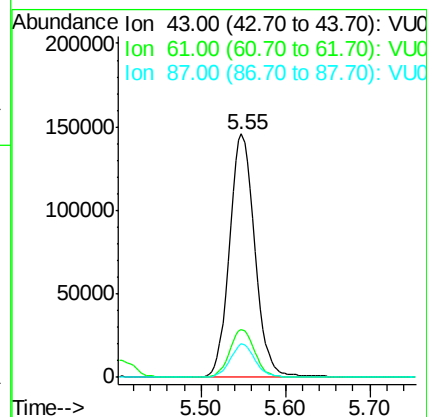
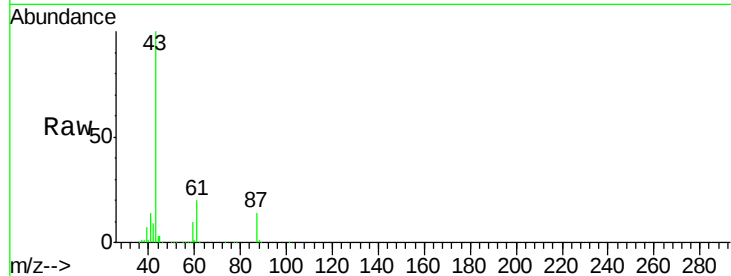
Tgt Ion: 43 Resp: 303080

Ion Ratio Lower Upper

43 100

61 19.6 15.4 23.0

87 13.5 10.0 15.0



#44

Trichloroethene

Concen: 45.732 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU024772.D

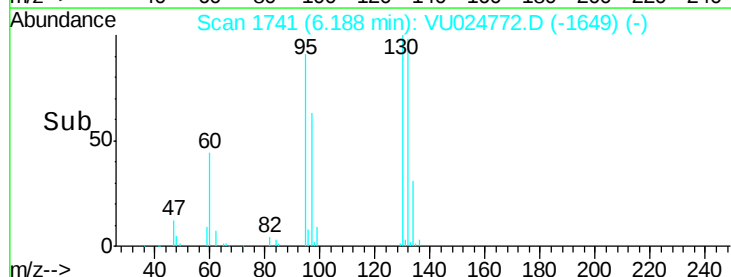
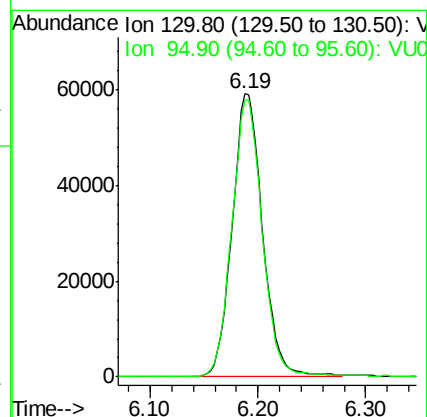
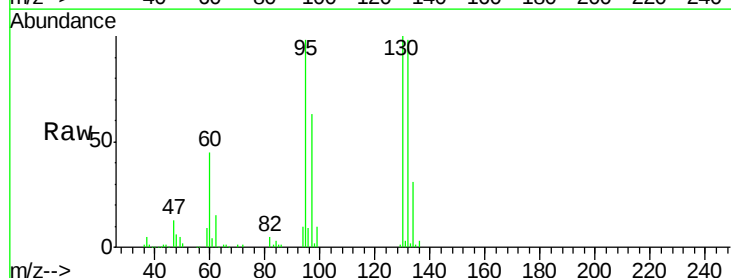
Acq: 20 Jun 2018 21:10

Tgt Ion: 130 Resp: 116349

Ion Ratio Lower Upper

130 100

95 97.7 0.0 202.4





#45

1,2-Dichloropropane

Concen: 50.118 ug/l

RT: 6.44 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

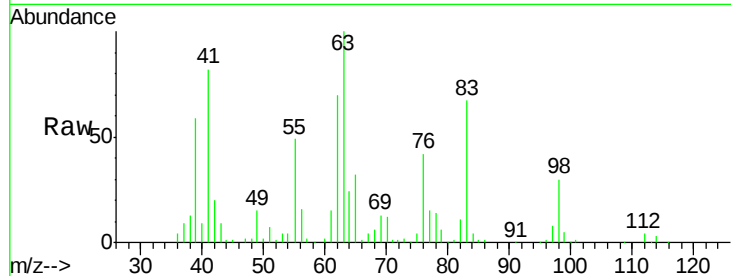
TPTW-04MSD

Tgt Ion: 63 Resp: 119545

Ion Ratio Lower Upper

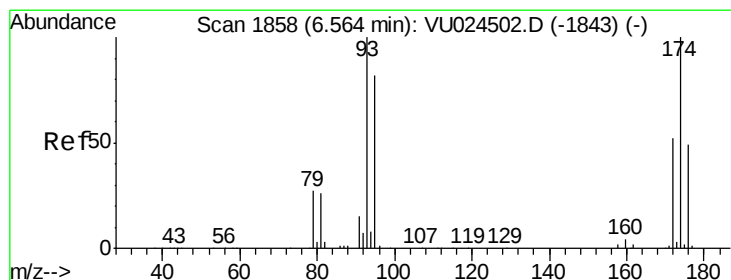
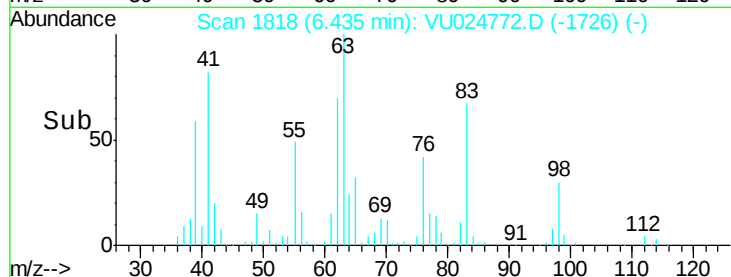
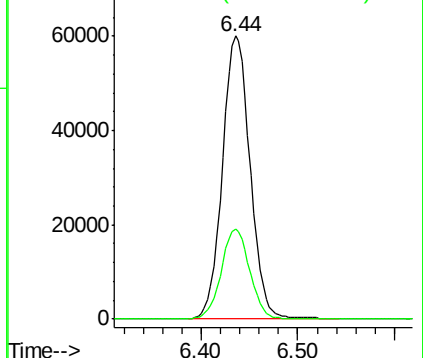
63 100

65 31.7 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 50.513 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

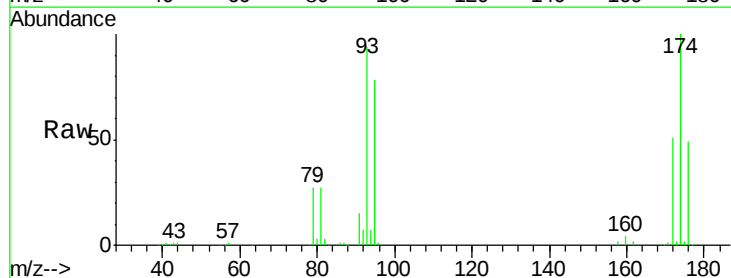
Tgt Ion: 93 Resp: 84631

Ion Ratio Lower Upper

93 100

95 82.2 65.5 98.3

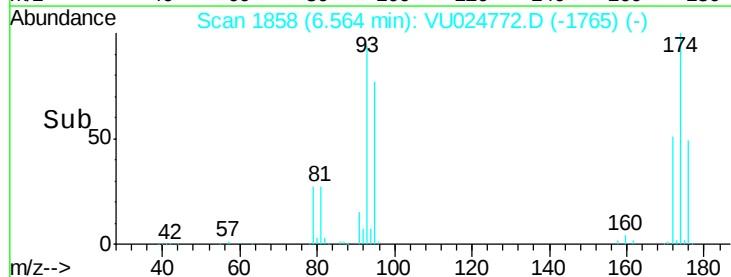
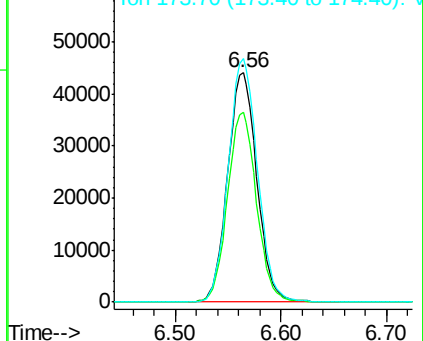
174 106.0 78.7 118.1



Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.644 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

TPTW-04MSD

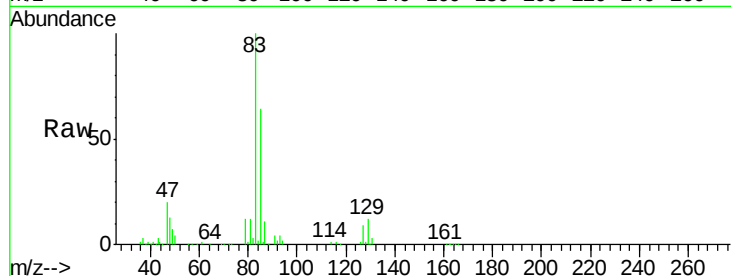
Tgt Ion: 83 Resp: 162289

Ion Ratio Lower Upper

83 100

85 64.3 51.9 77.9

127 9.0 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VU024772.D (-1826) (-)

Ion 84.90 (84.60 to 85.60): VU024772.D (-1826) (-)

Ion 126.80 (126.50 to 127.50): VU024772.D (-1826) (-)

Time-->

6.65 6.70 6.75 6.80 6.85

6.76

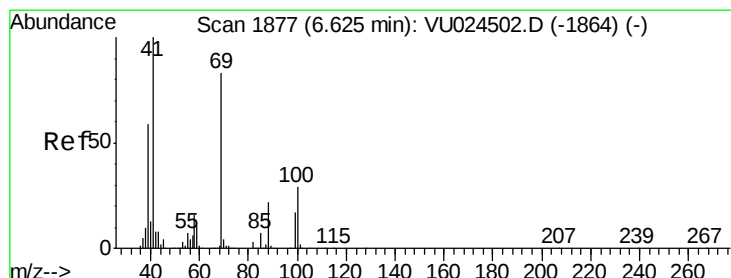
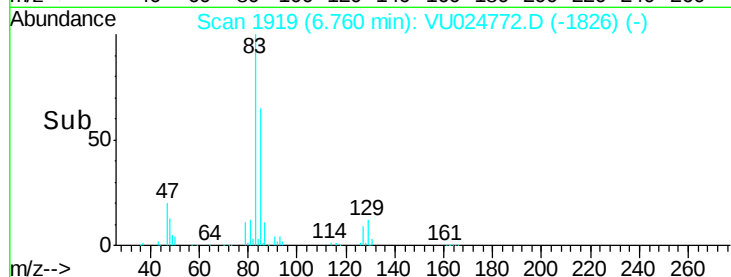
80000

60000

40000

20000

0



#48

Methyl methacrylate

Concen: 50.514 ug/l

RT: 6.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

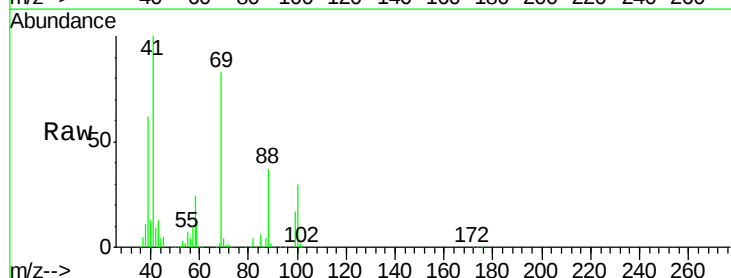
Tgt Ion: 41 Resp: 145384

Ion Ratio Lower Upper

41 100

69 83.9 67.3 100.9

39 60.5 46.5 69.7



Abundance Ion 41.00 (40.70 to 41.70): VU024772.D (-1784) (-)

Ion 69.00 (68.70 to 69.70): VU024772.D (-1784) (-)

Ion 39.00 (38.70 to 39.70): VU024772.D (-1784) (-)

Time-->

6.55 6.60 6.65 6.70

6.62

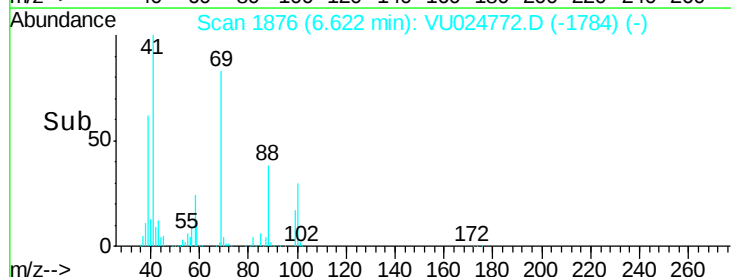
80000

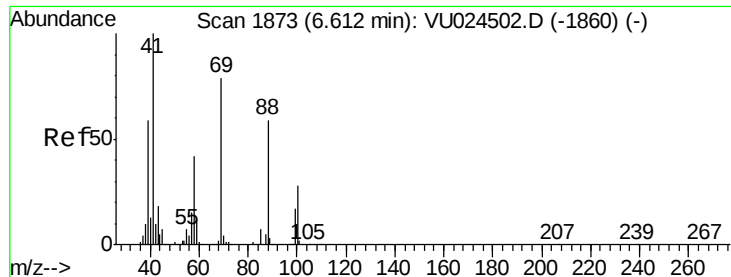
60000

40000

20000

0

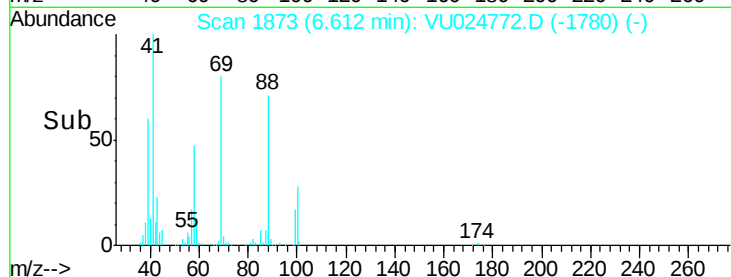
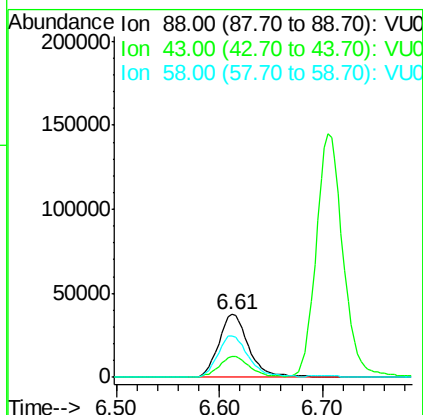
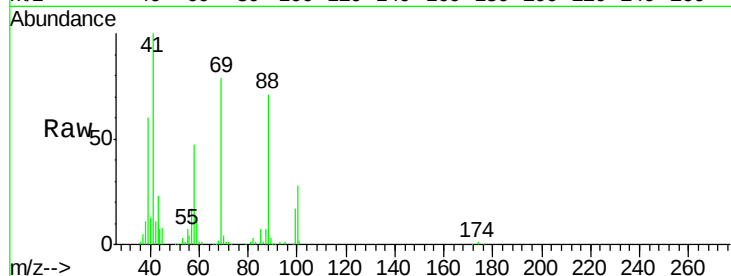




#49
1,4-Dioxane
Concen: 1327.674 ug/l
RT: 6.61 min Scan# 1873
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

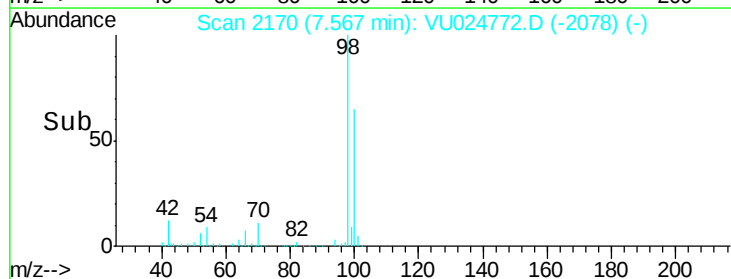
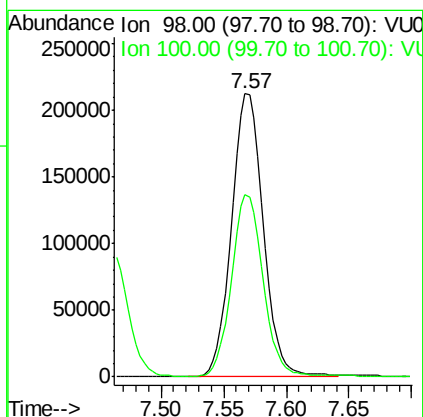
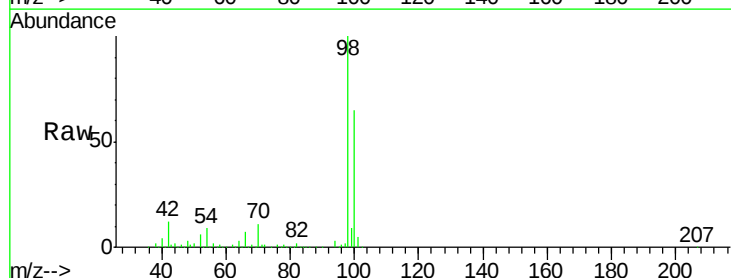
Instrument :
MSVOA_U
ClientSampleId :
TPTW-04MSD

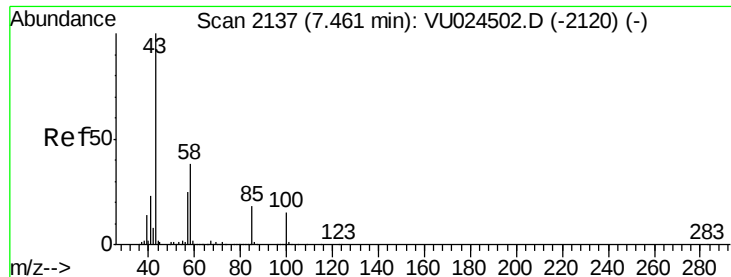
Tgt Ion: 88 Resp: 74728
Ion Ratio Lower Upper
88 100
43 32.7 28.6 42.8
58 69.0 58.2 87.4



#50
Toluene-d8
Concen: 46.371 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Tgt Ion: 98 Resp: 374776
Ion Ratio Lower Upper
98 100
100 63.4 51.1 76.7

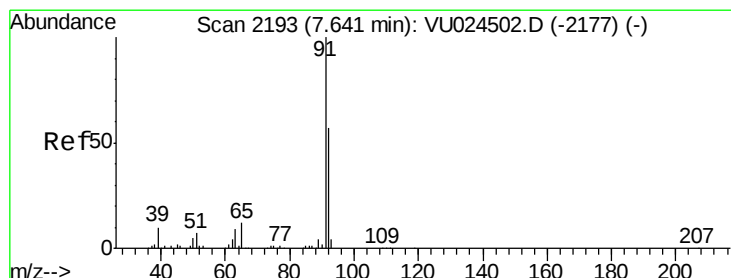
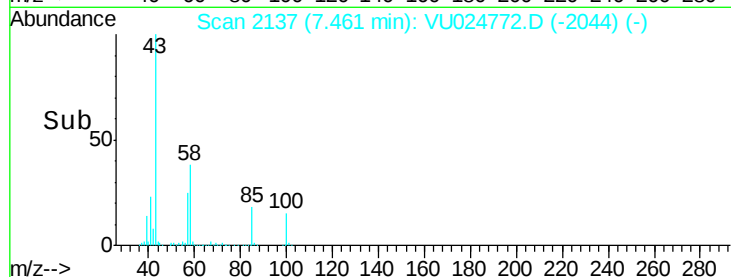
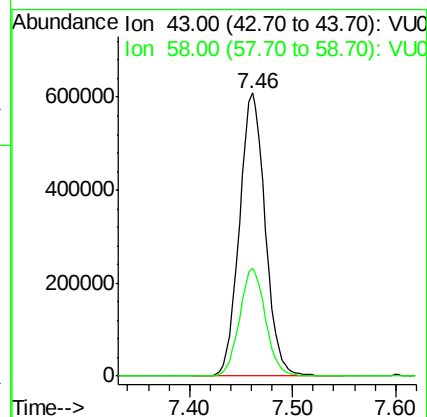
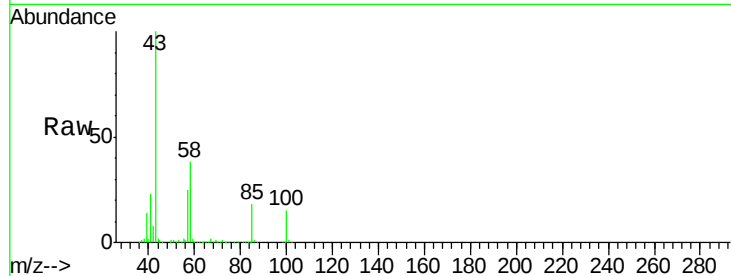




#51
 4-Methyl-2-Pentanone
 Concen: 285.664 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

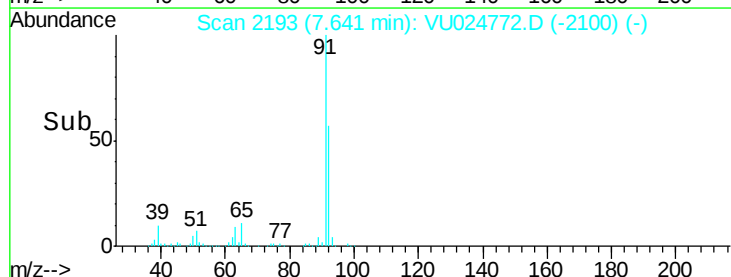
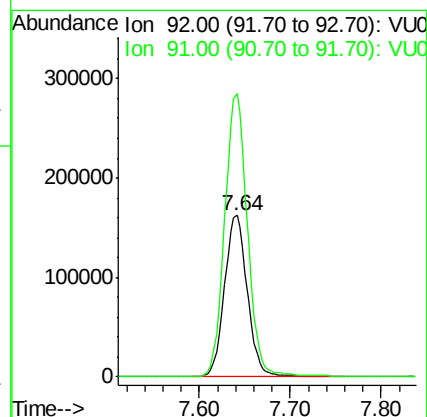
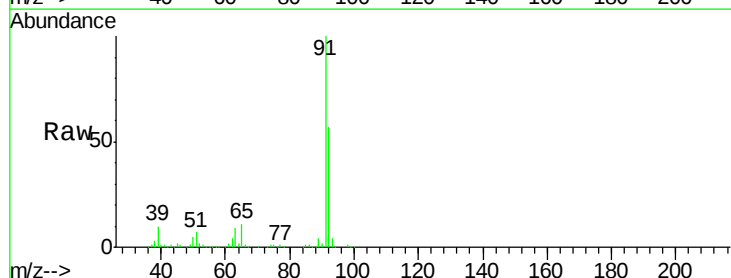
Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-04MSD

Tgt Ion: 43 Resp: 1060765
 Ion Ratio Lower Upper
 43 100
 58 38.3 30.0 45.0



#52
 Toluene
 Concen: 49.522 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

Tgt Ion: 92 Resp: 284817
 Ion Ratio Lower Upper
 92 100
 91 175.1 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 47.599 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

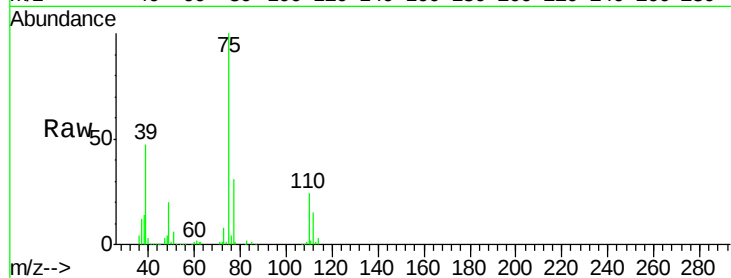
TPTW-04MSD

Tgt Ion: 75 Resp: 178338

Ion Ratio Lower Upper

75 100

77 31.4 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

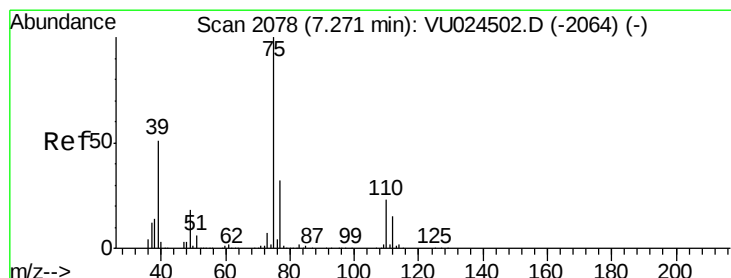
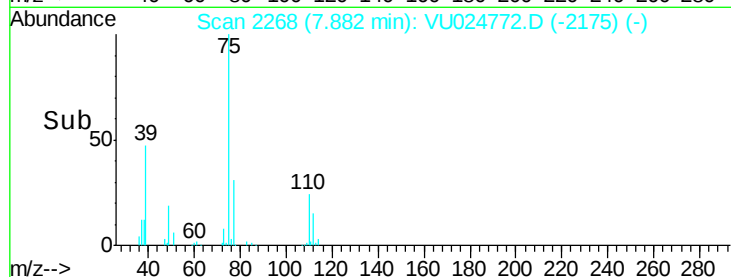
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 46.589 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

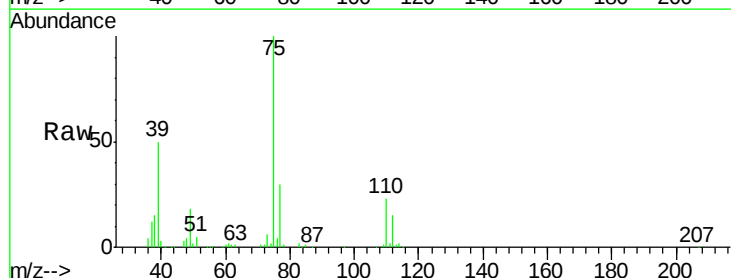
Tgt Ion: 75 Resp: 185997

Ion Ratio Lower Upper

75 100

77 30.4 24.6 36.8

39 50.5 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

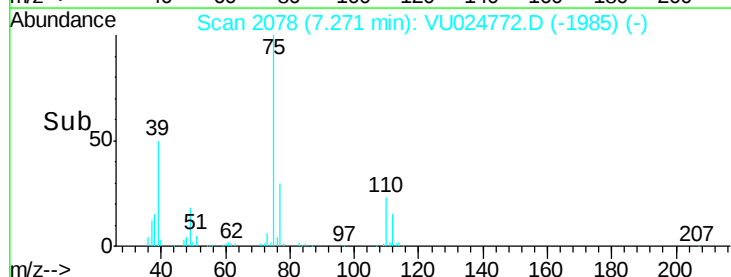
150000

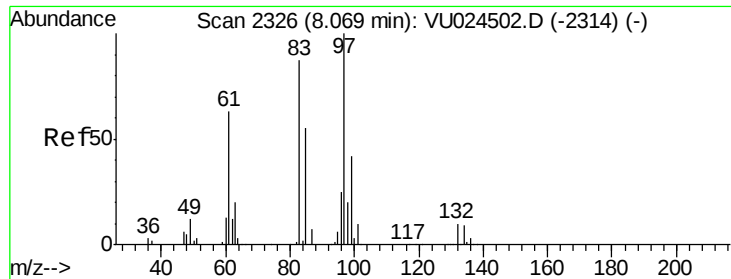
100000

50000

0

Time-->

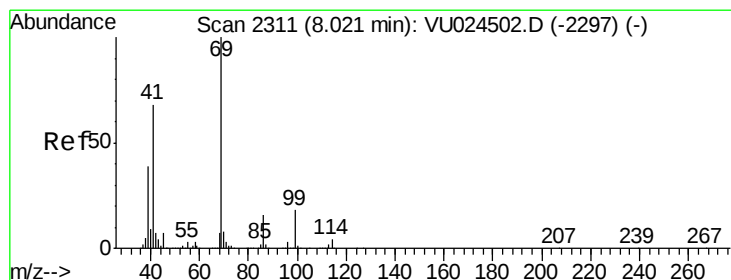
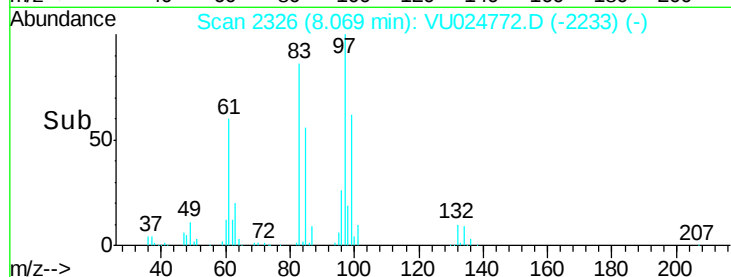
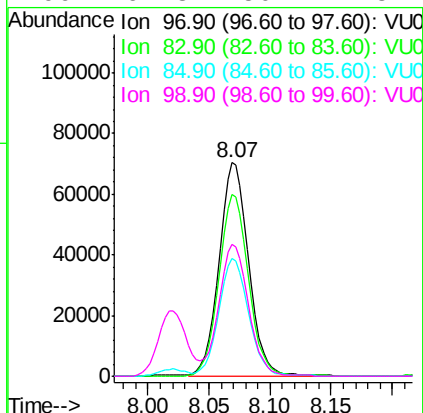
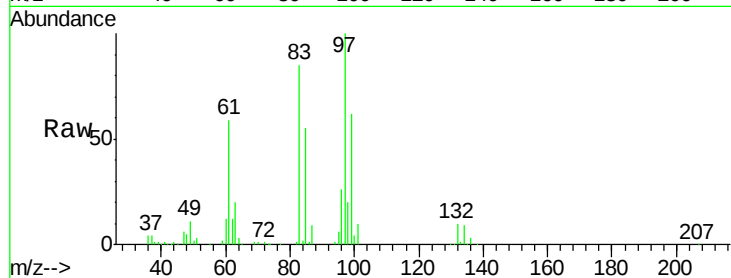




#55
 1,1,2-Trichloroethane
 Concen: 50.859 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

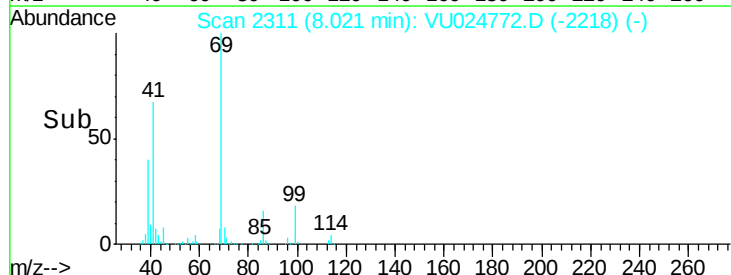
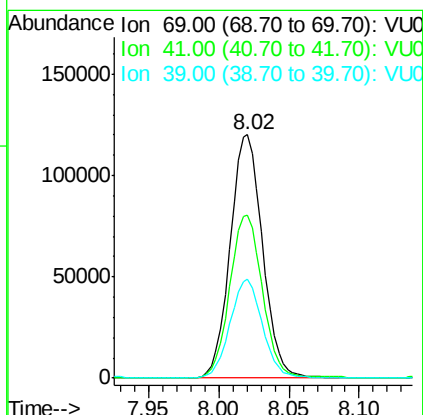
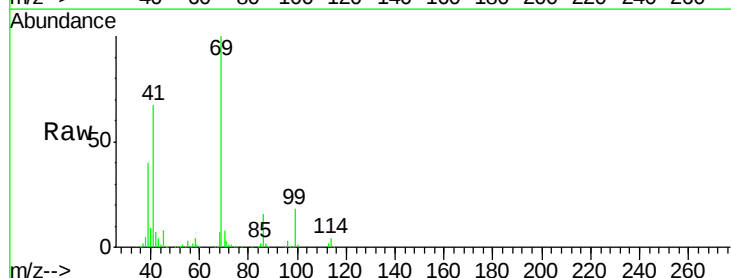
Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-04MSD

Tgt Ion:	97	Resp:	118902
Ion	Ratio	Lower	Upper
97	100		
83	85.1	70.5	105.7
85	55.2	46.4	69.6
99	61.8	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 49.447 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

Tgt Ion:	69	Resp:	193486
Ion	Ratio	Lower	Upper
69	100		
41	67.4	54.1	81.1
39	40.1	30.3	45.5

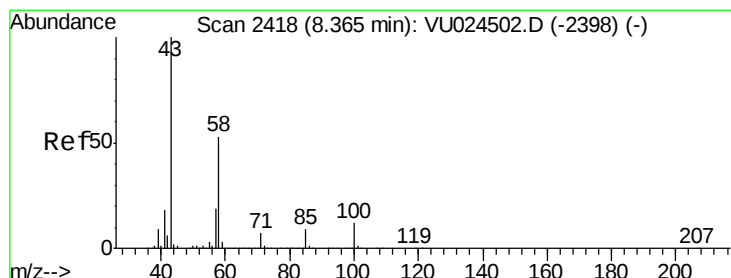
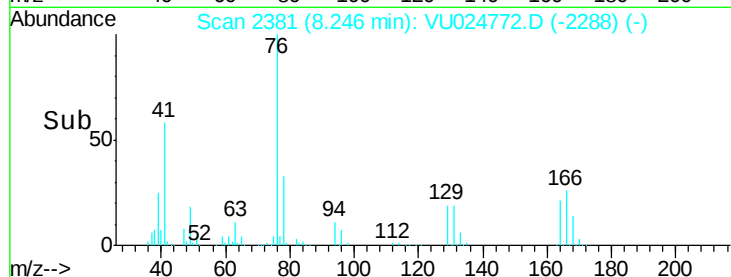
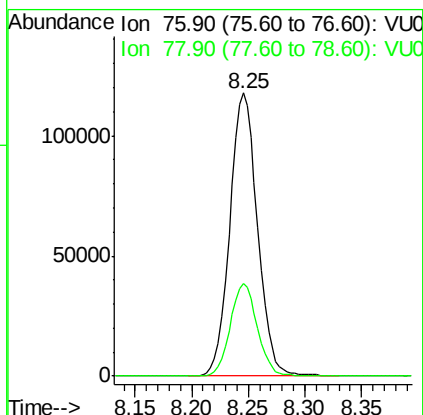
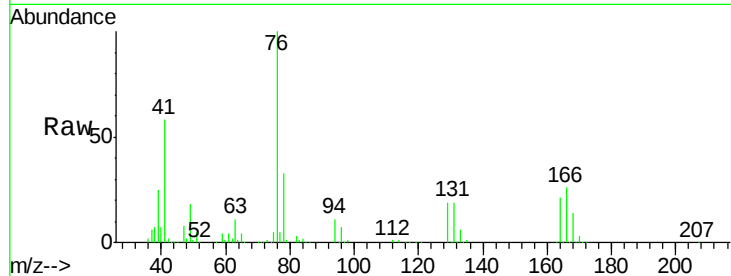




#57
 1,3-Dichloropropane
 Concen: 50.839 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

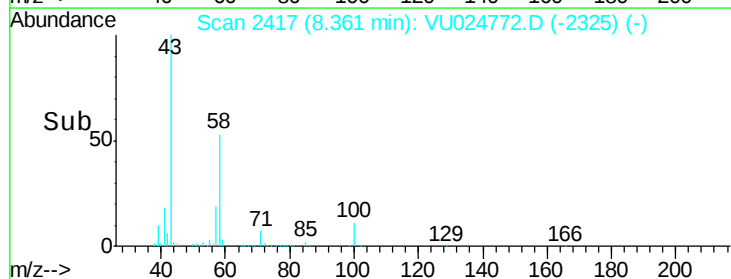
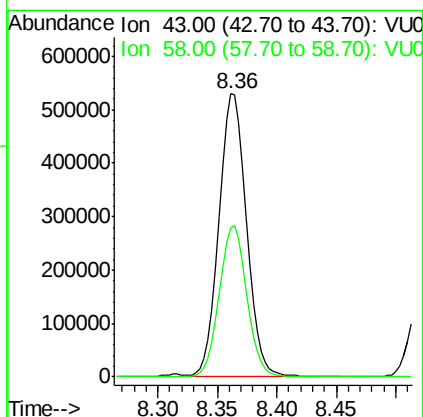
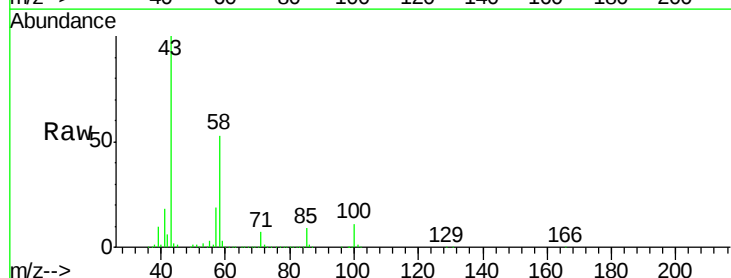
Instrument :
 MSVOA_U
 ClientSampled :
 TPTW-04MSD

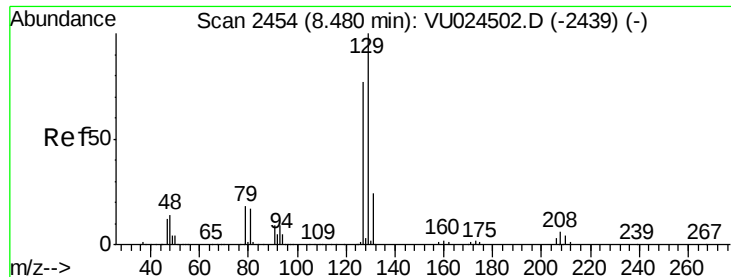
Tgt Ion: 76 Resp: 200497
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.2 37.8



#59
 2-Hexanone
 Concen: 279.708 ug/l
 RT: 8.36 min Scan# 2417
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

Tgt Ion: 43 Resp: 847957
 Ion Ratio Lower Upper
 43 100
 58 53.6 26.4 79.0





#60

Dibromochloromethane

Concen: 47.733 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

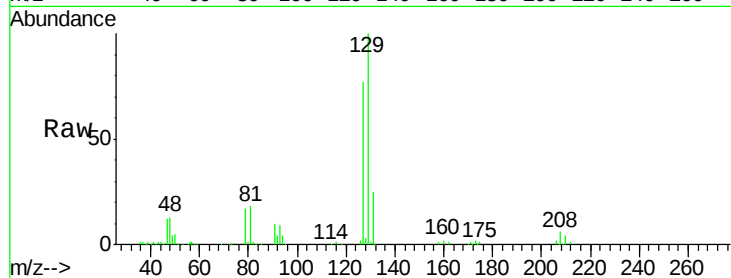
TPTW-04MSD

Tgt Ion:129 Resp: 139157

Ion Ratio Lower Upper

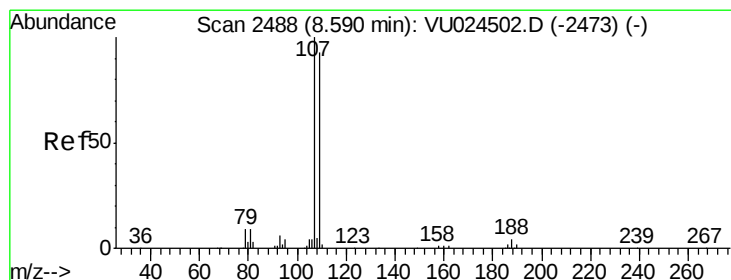
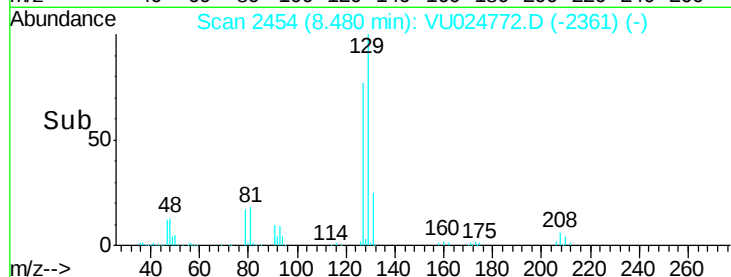
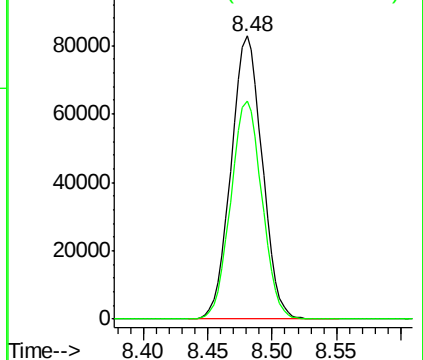
129 100

127 77.0 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: 50.674 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU024772.D

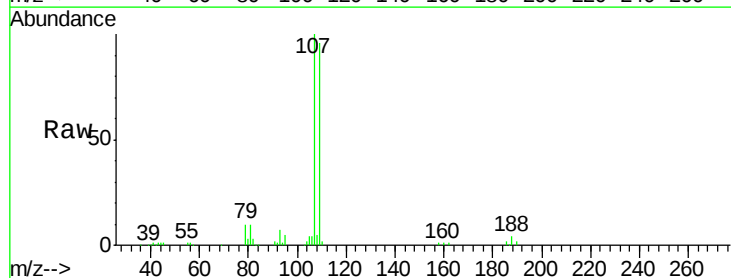
Acq: 20 Jun 2018 21:10

Tgt Ion:107 Resp: 131859

Ion Ratio Lower Upper

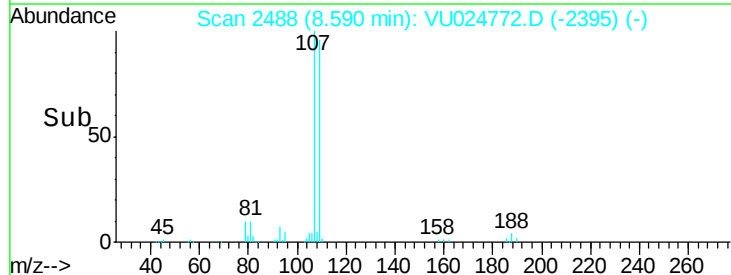
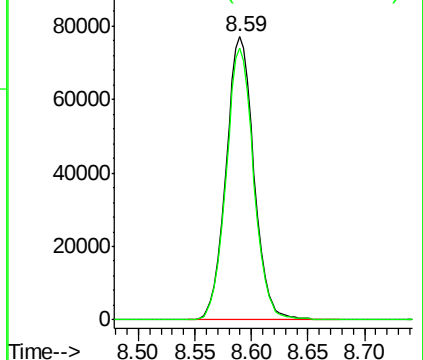
107 100

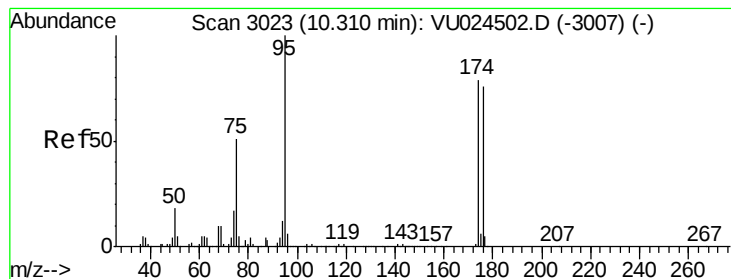
109 94.8 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 45.919 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

TPTW-04MSD

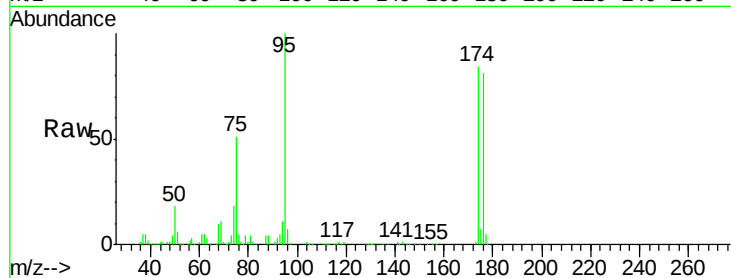
Tgt Ion: 95 Resp: 147353

Ion Ratio Lower Upper

95 100

174 85.6 0.0 165.8

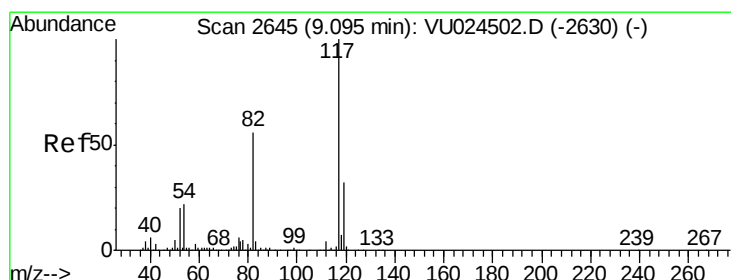
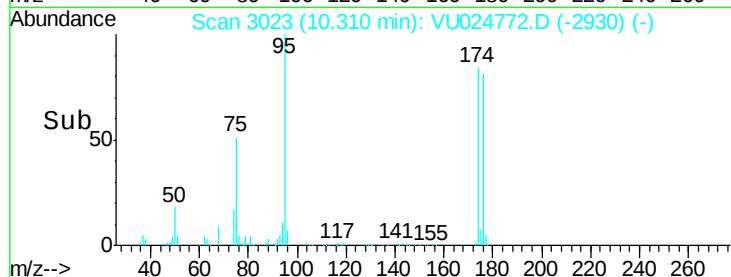
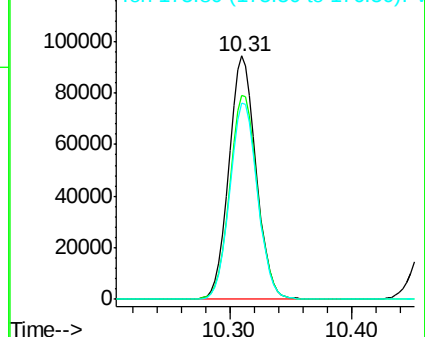
176 82.0 0.0 159.4



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: VU024772.D

Acq: 20 Jun 2018 21:10

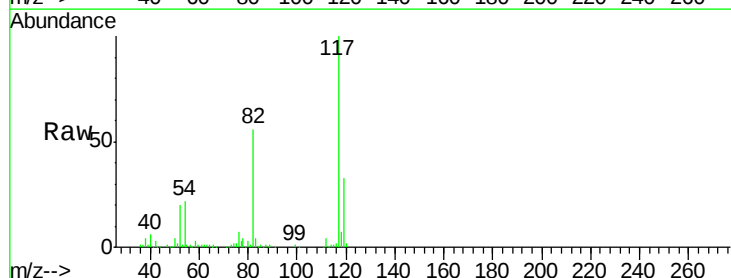
Tgt Ion: 117 Resp: 255679

Ion Ratio Lower Upper

117 100

82 56.1 44.3 66.5

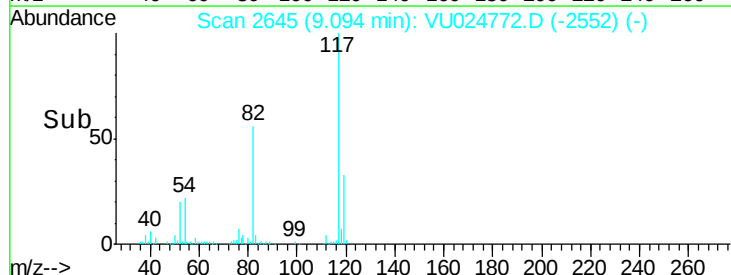
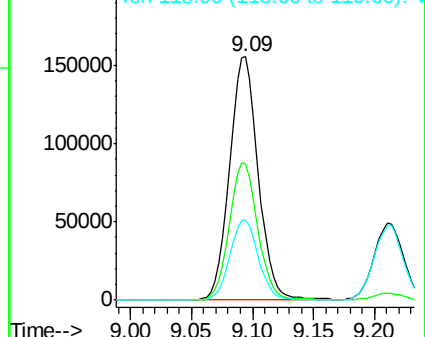
119 33.0 25.4 38.2

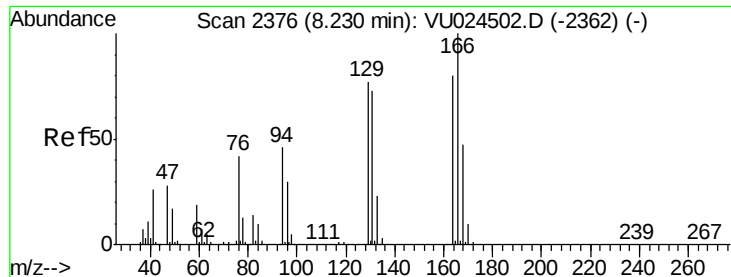


Abundance Ion 116.90 (116.60 to 117.60): VU024502.D (-2630) (-)

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: 41.279 ug/l

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

TPTW-04MSD

Tgt Ion:164 Resp: 100322

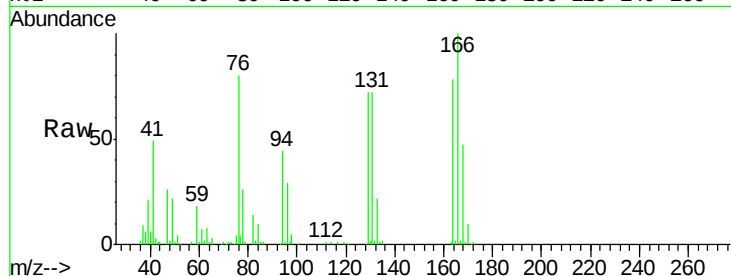
Ion Ratio Lower Upper

164 100

166 128.1 101.7 152.5

129 92.8 76.9 115.3

131 91.6 74.9 112.3

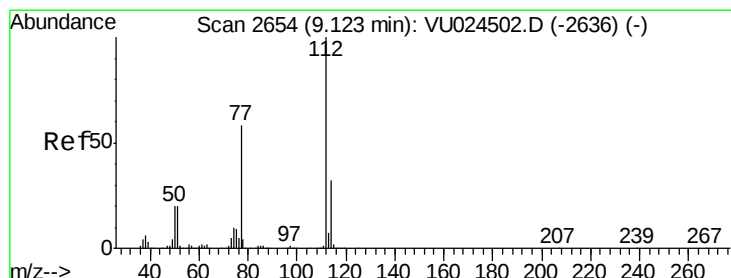
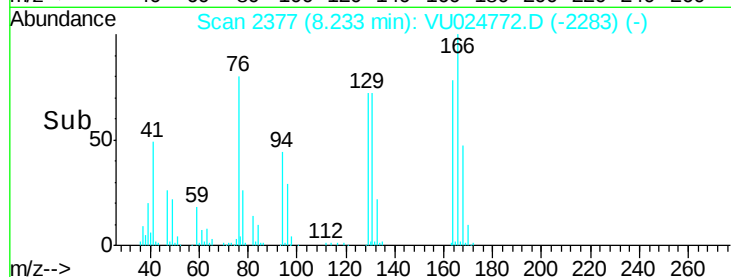
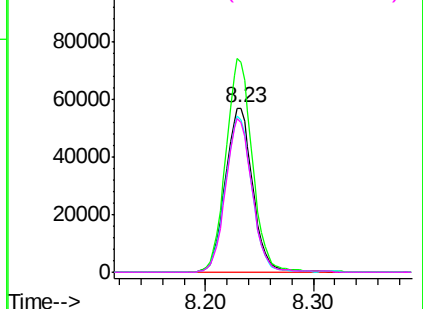


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 48.144 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU024772.D

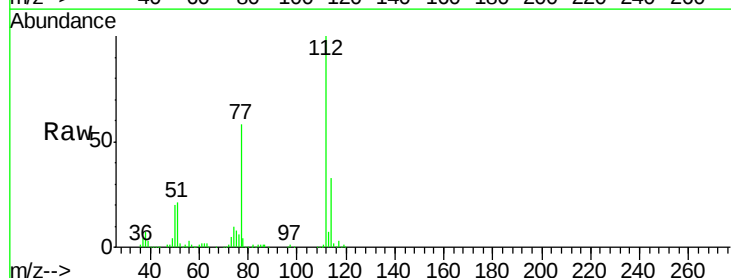
Acq: 20 Jun 2018 21:10

Tgt Ion:112 Resp: 314458

Ion Ratio Lower Upper

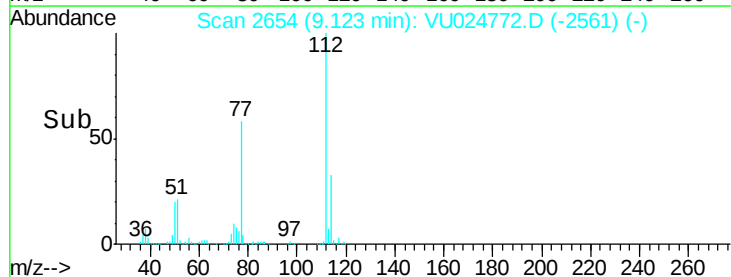
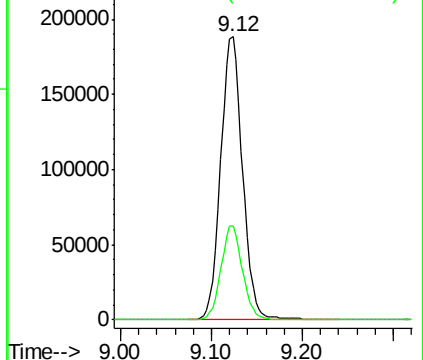
112 100

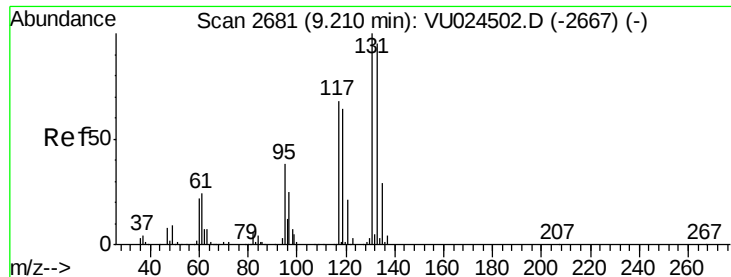
114 33.1 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 49.065 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

TPTW-04MSD

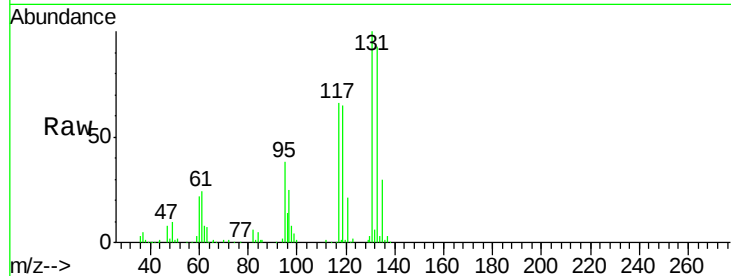
Tgt Ion:131 Resp: 121755

Ion Ratio Lower Upper

131 100

133 95.1 46.9 140.8

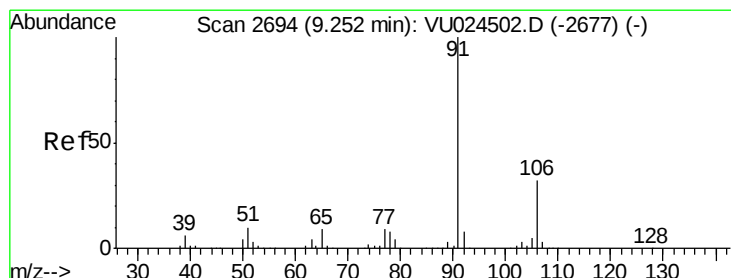
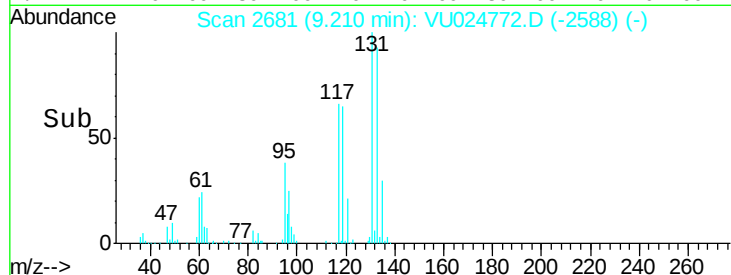
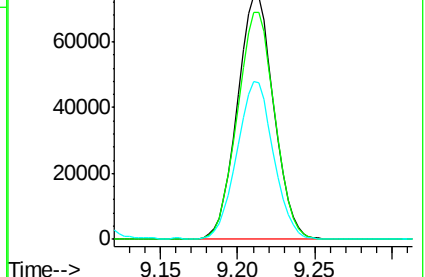
119 64.7 33.5 100.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 47.506 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU024772.D

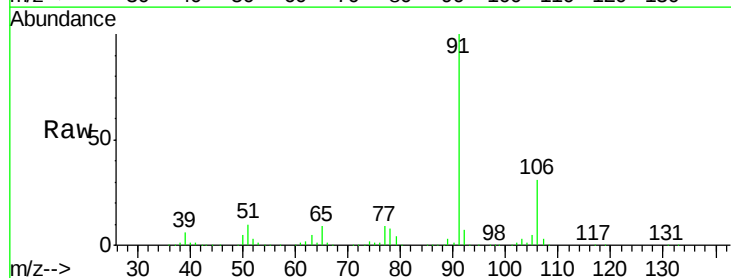
Acq: 20 Jun 2018 21:10

Tgt Ion: 91 Resp: 543973

Ion Ratio Lower Upper

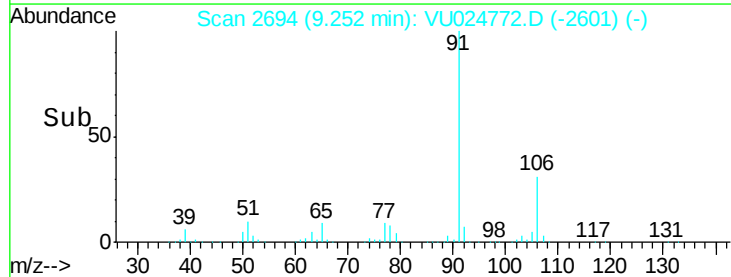
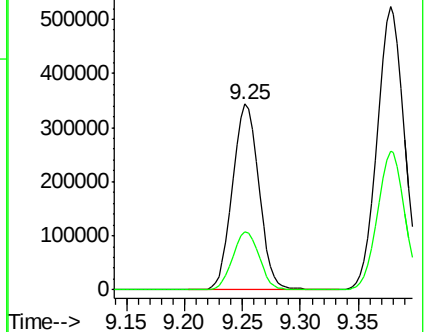
91 100

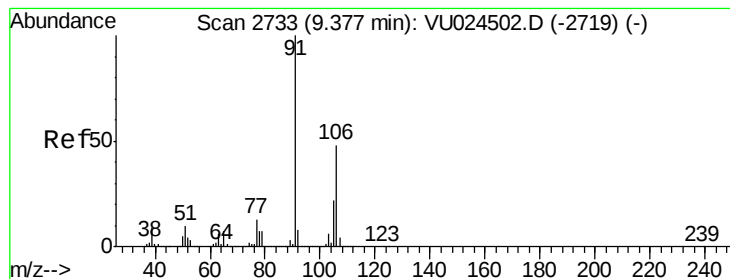
106 31.1 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 96.915 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

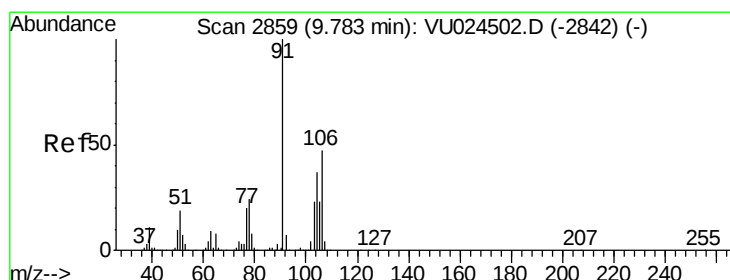
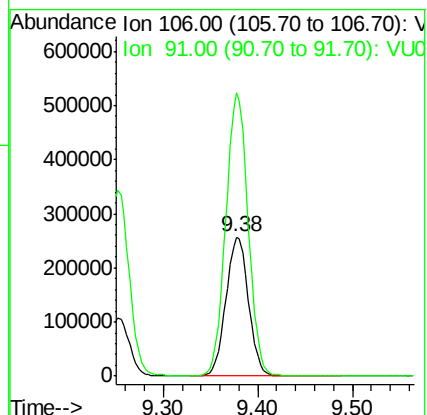
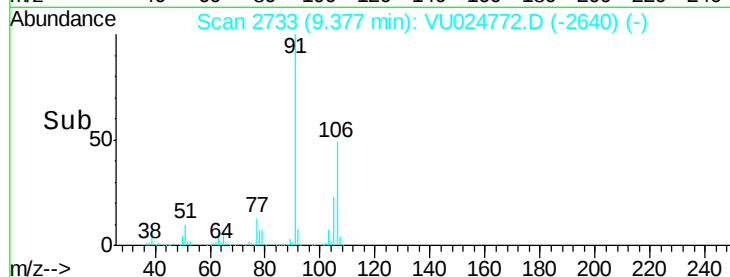
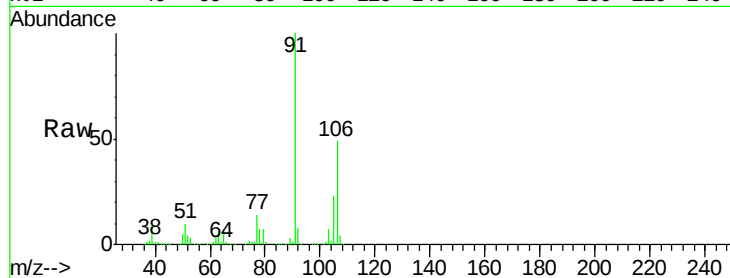
TPTW-04MSD

Tgt Ion:106 Resp: 426133

Ion Ratio Lower Upper

106 100

91 201.4 166.5 249.7



#69

o-Xylene

Concen: 48.986 ug/l

RT: 9.78 min Scan# 2859

Delta R.T. -0.00 min

Lab File: VU024772.D

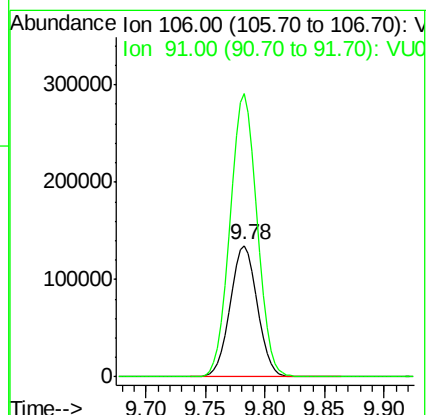
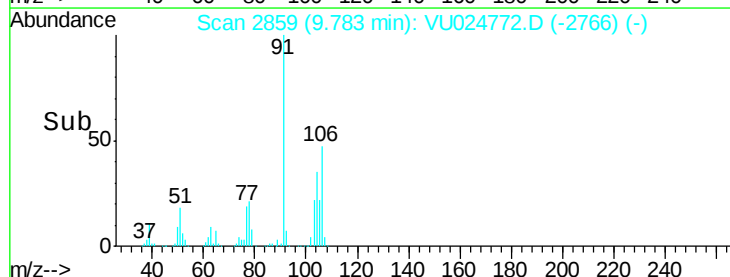
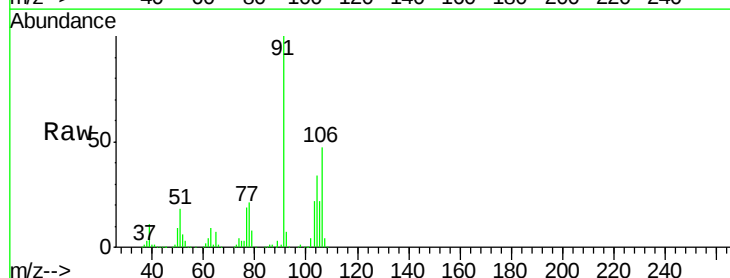
Acq: 20 Jun 2018 21:10

Tgt Ion:106 Resp: 213164

Ion Ratio Lower Upper

106 100

91 215.2 110.7 331.9

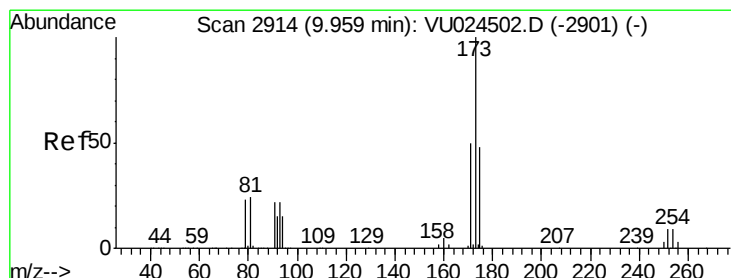
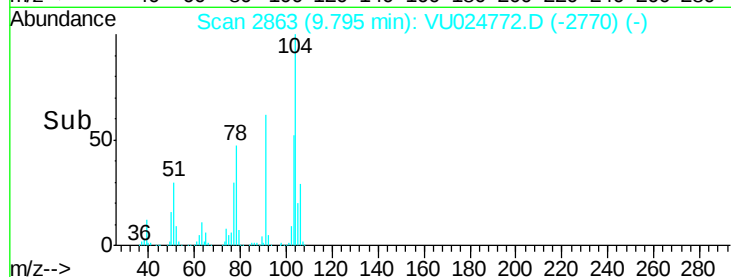
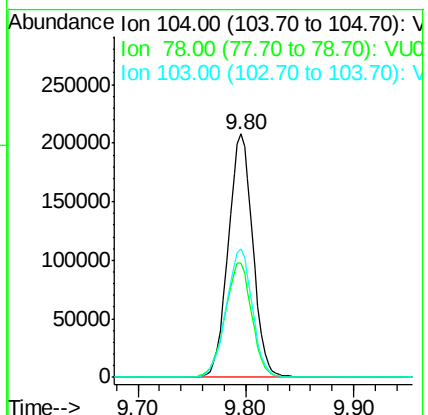
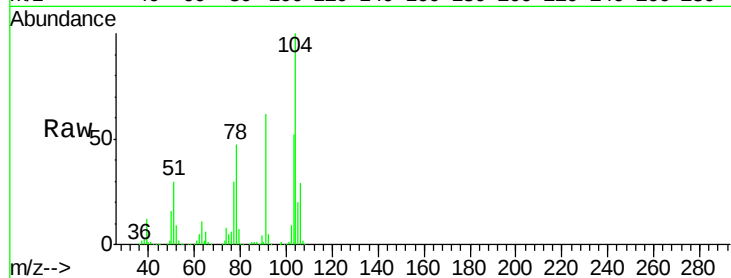




#70
Styrene
Concen: 46.183 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

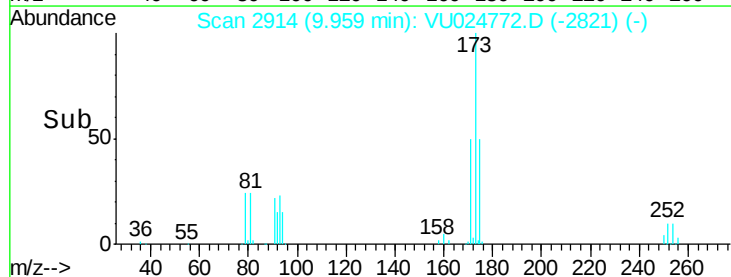
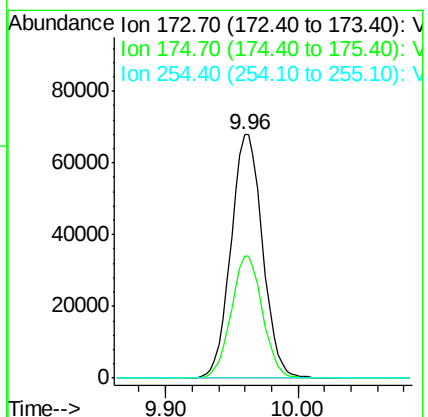
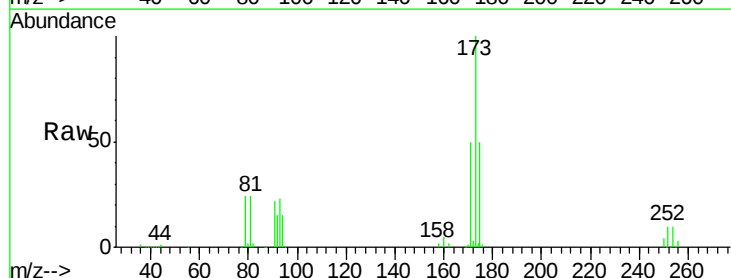
Instrument :
MSVOA_U
ClientSampleId :
TPTW-04MSD

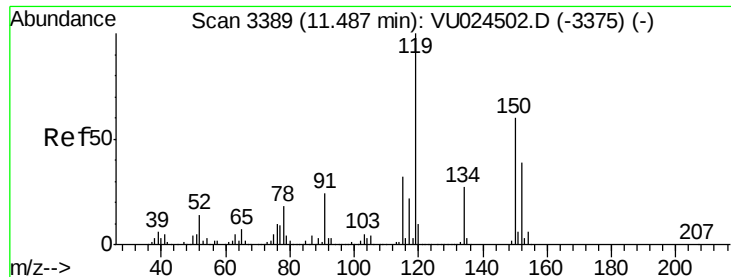
Tgt Ion:104 Resp: 330254
Ion Ratio Lower Upper
104 100
78 51.1 40.6 60.8
103 56.2 44.7 67.1



#71
Bromoform
Concen: 47.614 ug/l
RT: 9.96 min Scan# 2914
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Tgt Ion:173 Resp: 112304
Ion Ratio Lower Upper
173 100
175 49.5 24.6 74.0
254 0.1 0.0 0.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

TPTW-04MSD

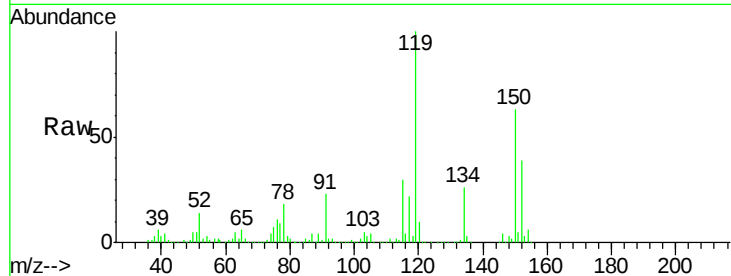
Tgt Ion:152 Resp: 153491

Ion Ratio Lower Upper

152 100

115 82.9 43.0 129.0

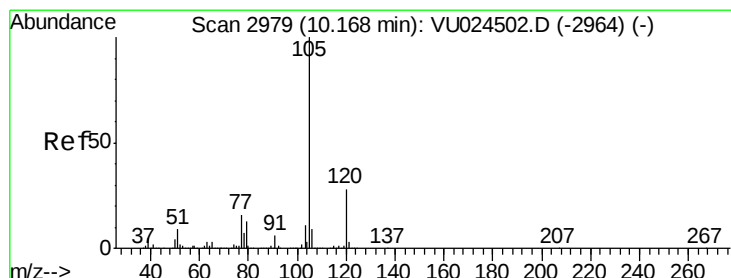
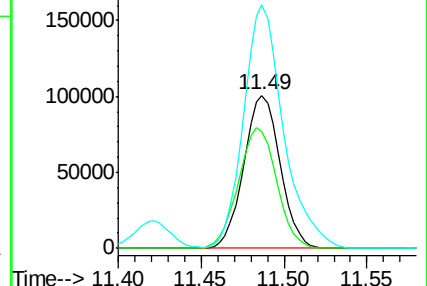
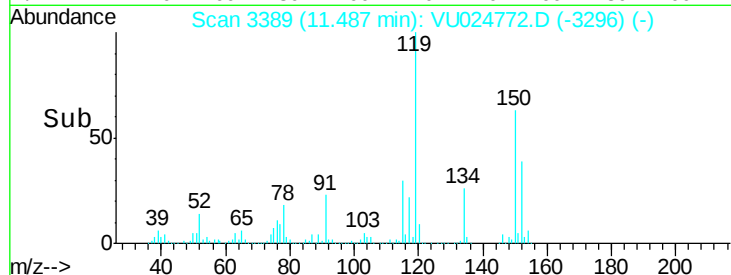
150 175.0 0.0 354.0



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: 47.474 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU024772.D

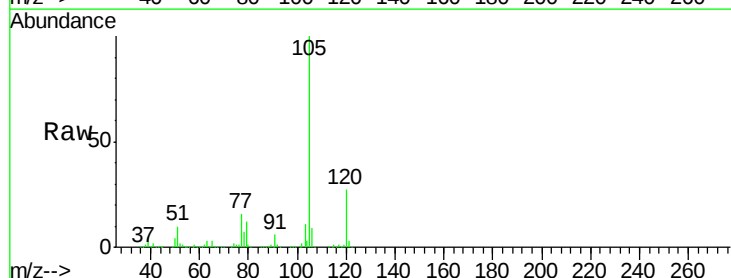
Acq: 20 Jun 2018 21:10

Tgt Ion:105 Resp: 559448

Ion Ratio Lower Upper

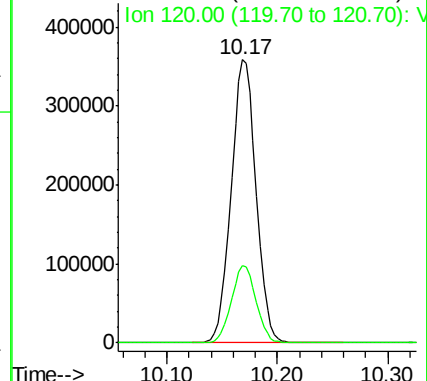
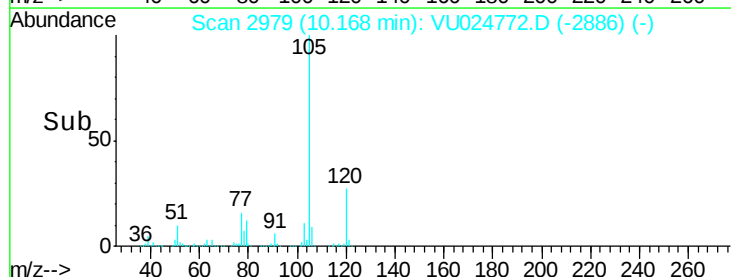
105 100

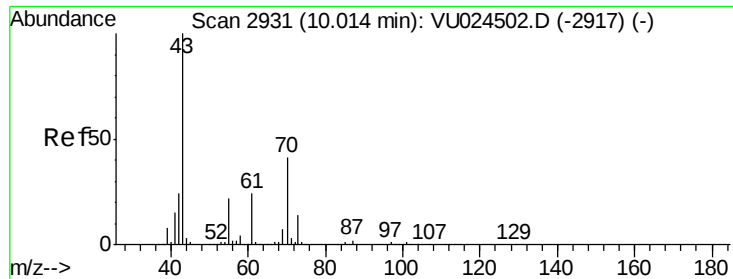
120 27.1 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 52.216 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

TPTW-04MSD

Tgt Ion: 43 Resp: 292683

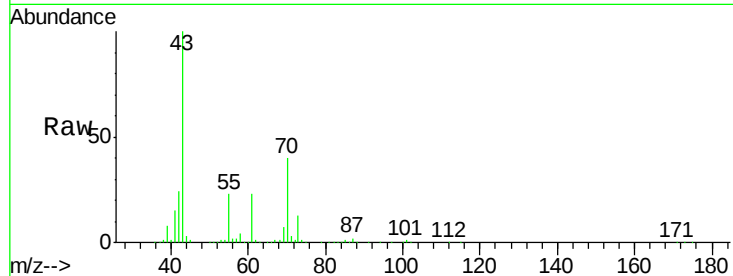
Ion Ratio Lower Upper

43 100

70 40.7 32.2 48.4

55 23.0 20.5 30.7

61 23.3 18.7 28.1

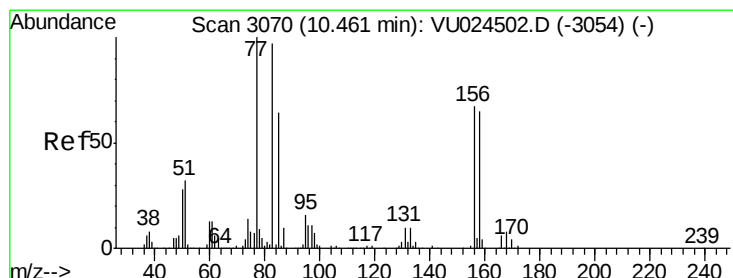
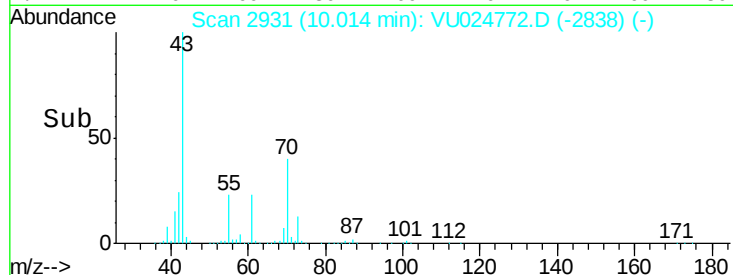
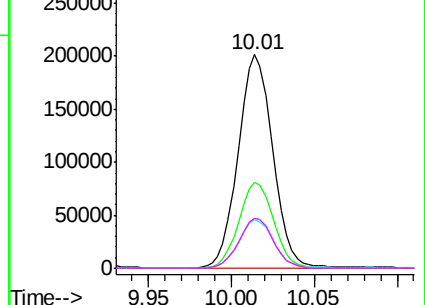


Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 52.958 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

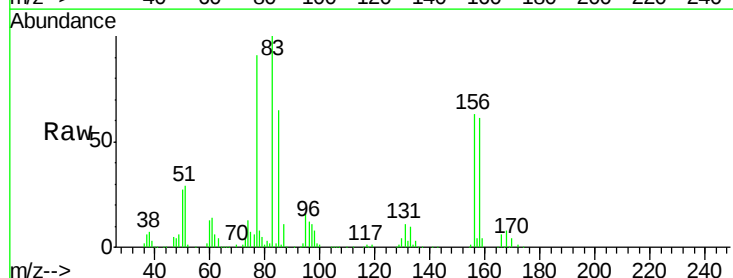
Tgt Ion: 83 Resp: 209132

Ion Ratio Lower Upper

83 100

131 10.6 4.7 14.1

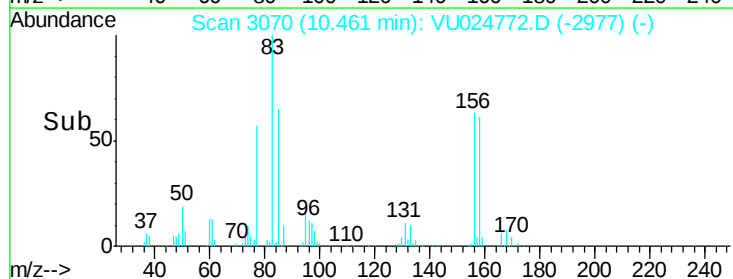
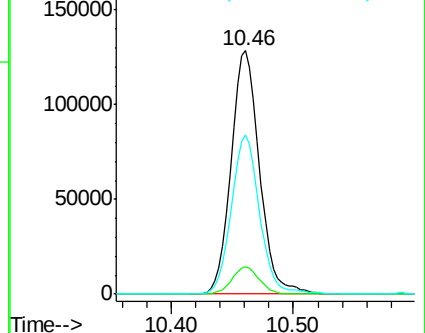
85 65.1 32.5 97.5

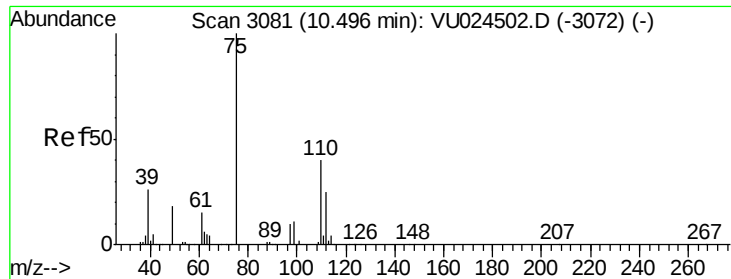


Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VU0

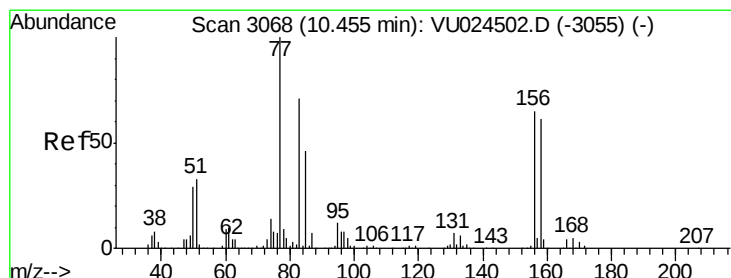
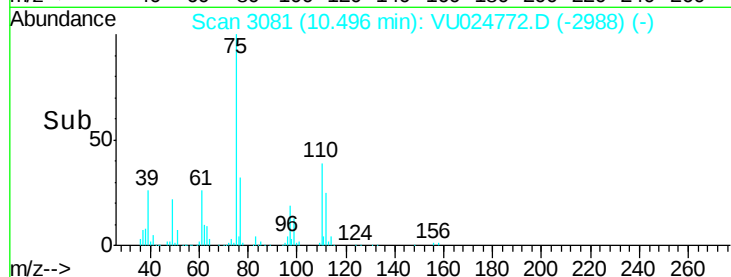
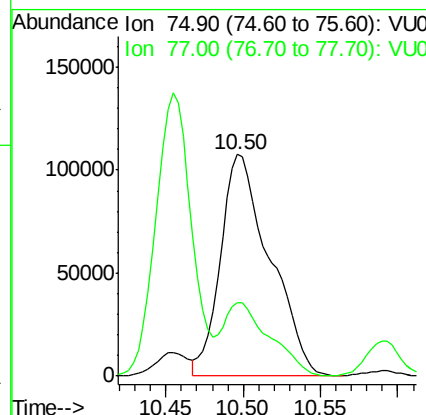
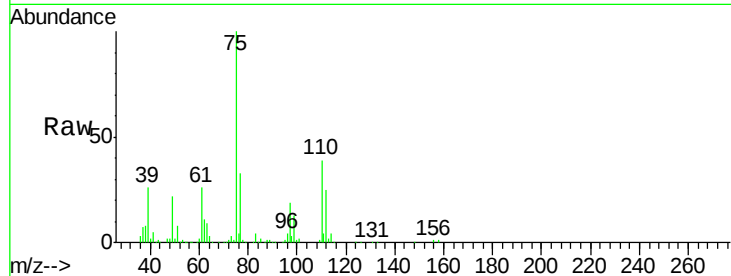




#76
 1,2,3-Trichloropropane
 Concen: 70.602 ug/l
 RT: 10.50 min Scan# 3081
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

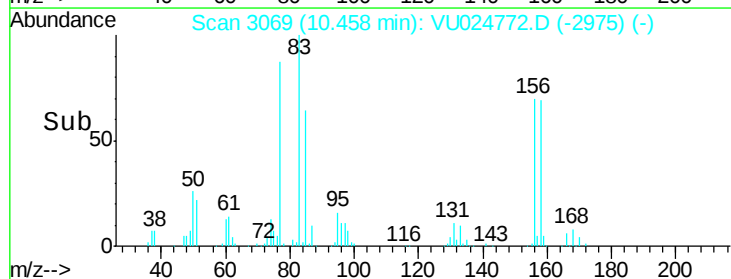
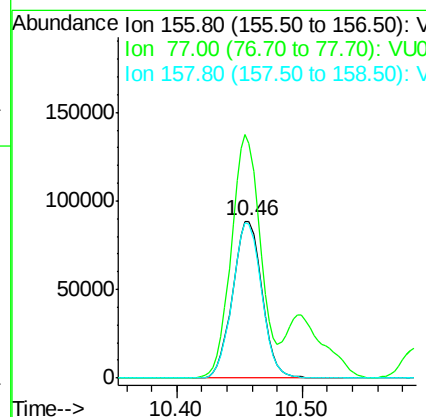
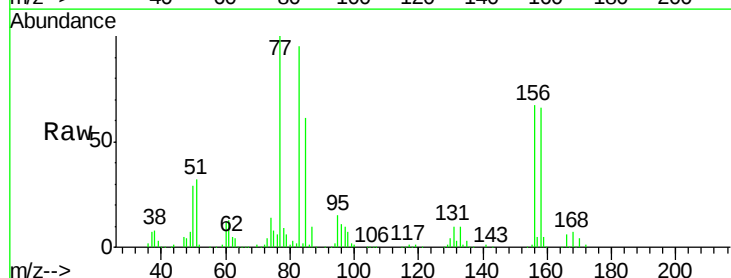
Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-04MSD

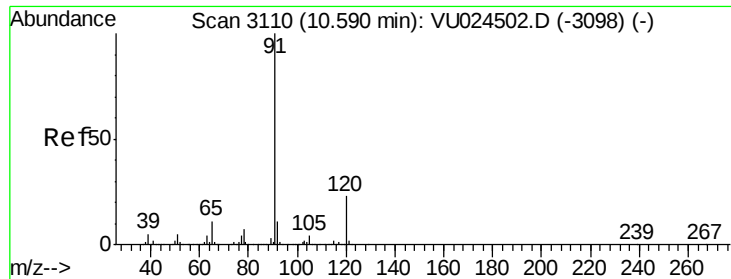
Tgt Ion: 75 Resp: 238586
 Ion Ratio Lower Upper
 75 100
 77 30.2 20.9 62.7



#77
 Bromobenzene
 Concen: 48.224 ug/l
 RT: 10.46 min Scan# 3069
 Delta R.T. 0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

Tgt Ion: 156 Resp: 143871
 Ion Ratio Lower Upper
 156 100
 77 153.5 80.5 241.3
 158 98.4 48.2 144.6

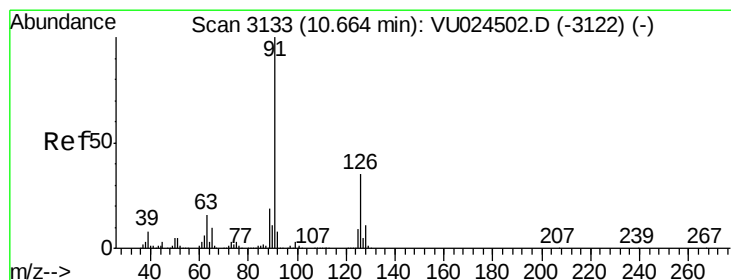
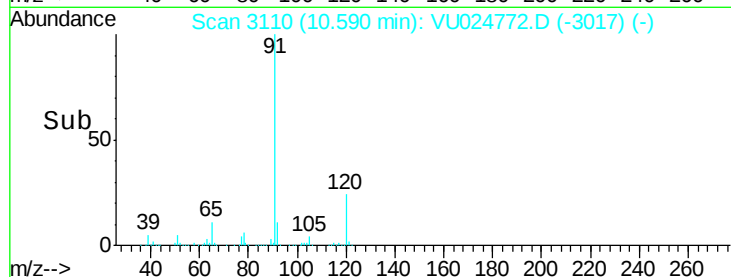
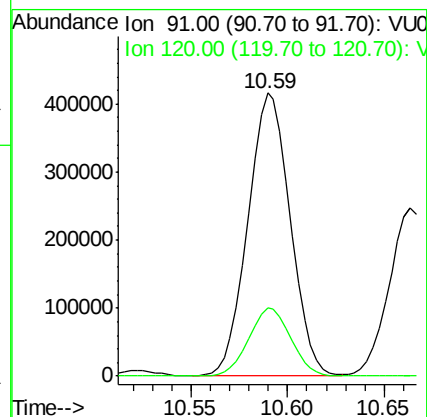
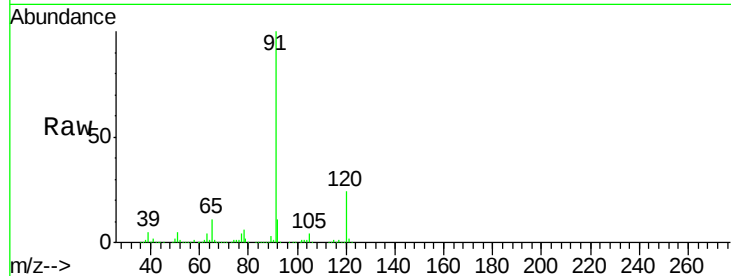




#78
n-propylbenzene
Concen: 45.639 ug/l
RT: 10.59 min Scan# 3110
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

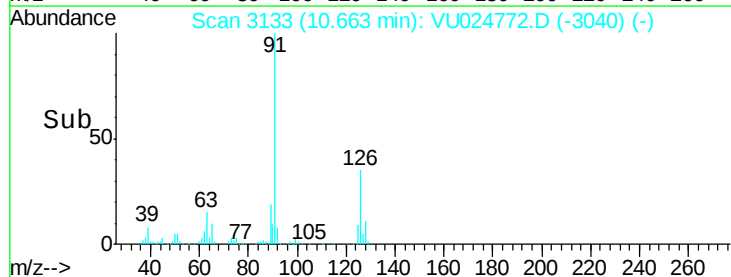
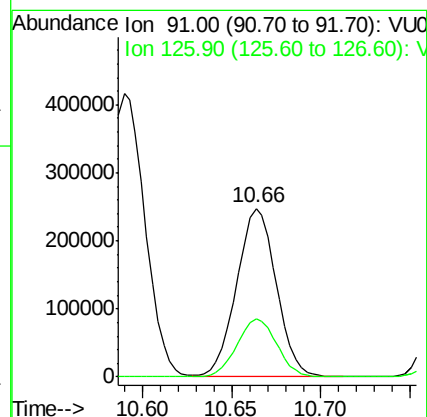
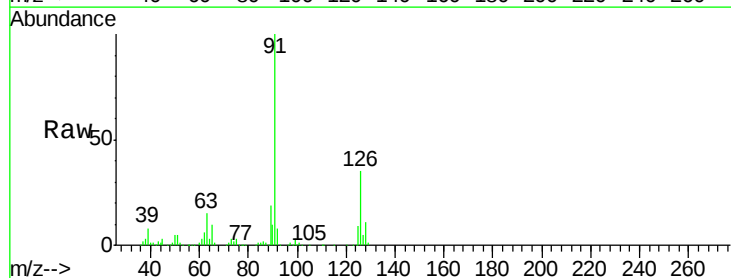
Instrument :
MSVOA_U
ClientSampleId :
TPTW-04MSD

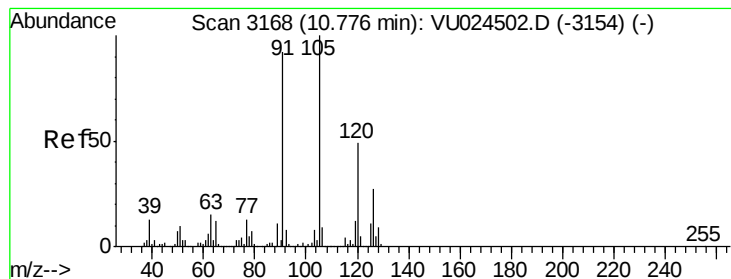
Tgt Ion: 91 Resp: 633558
Ion Ratio Lower Upper
91 100
120 23.8 11.2 33.5



#79
2-Chlorotoluene
Concen: 46.523 ug/l
RT: 10.66 min Scan# 3133
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Tgt Ion: 91 Resp: 380855
Ion Ratio Lower Upper
91 100
126 34.8 16.9 50.7





#80

1,3,5-Trimethylbenzene

Concen: 47.141 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

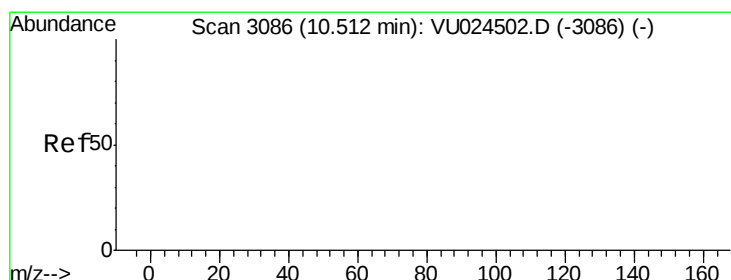
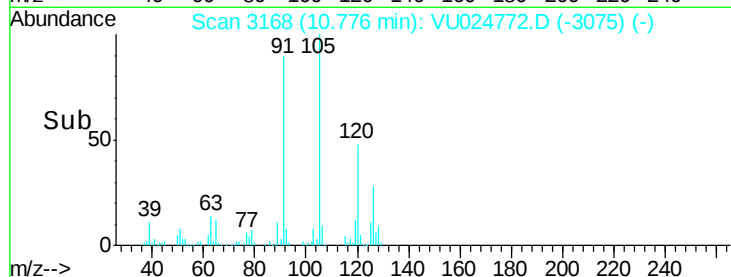
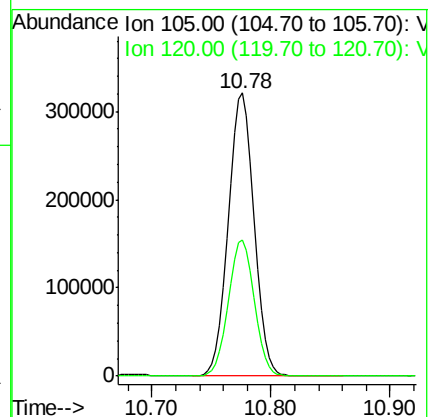
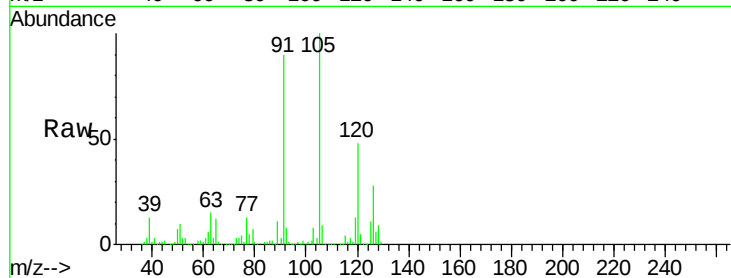
TPTW-04MSD

Tgt Ion:105 Resp: 481496

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.2



#81

trans-1,4-Dichloro-2-butene

Concen: 163.402 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.02 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

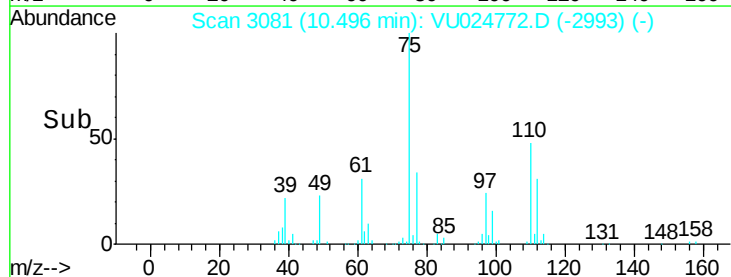
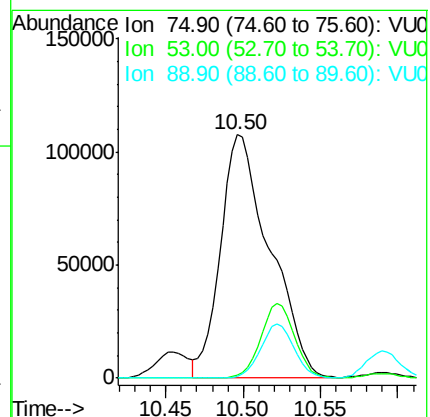
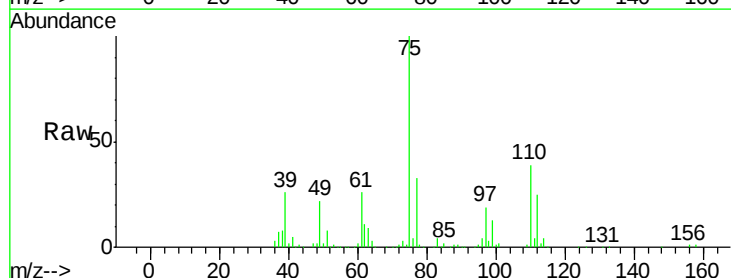
Tgt Ion: 75 Resp: 238586

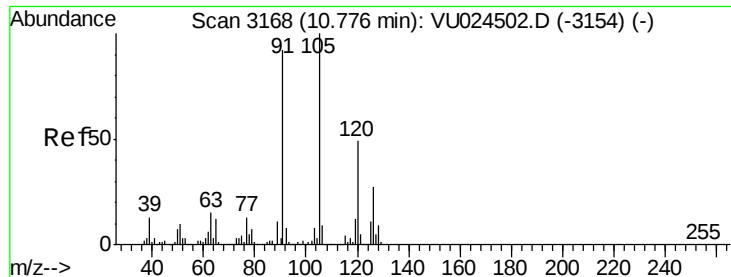
Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0

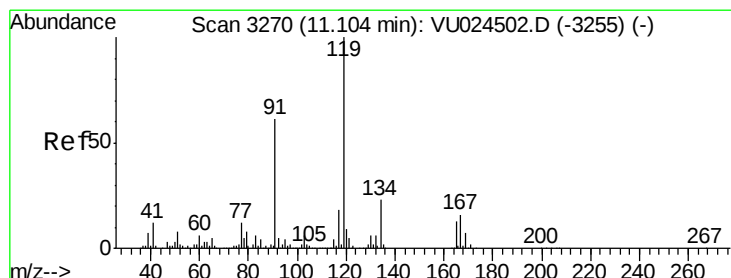
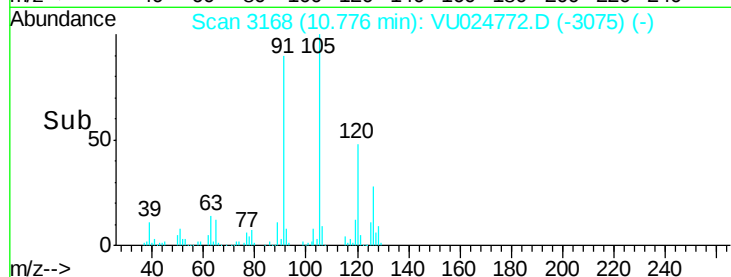
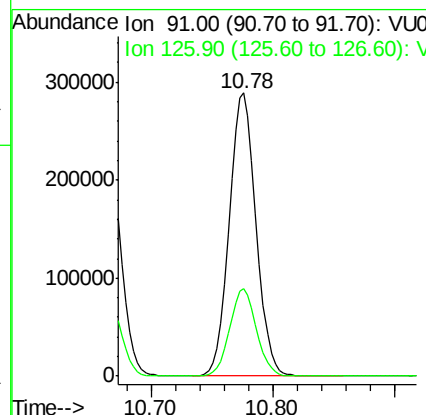
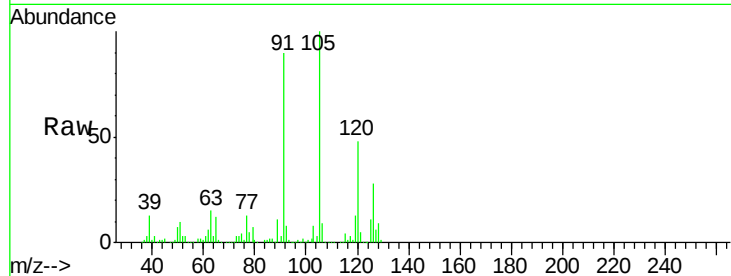




#82
4-Chlorotoluene
Concen: 46.449 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

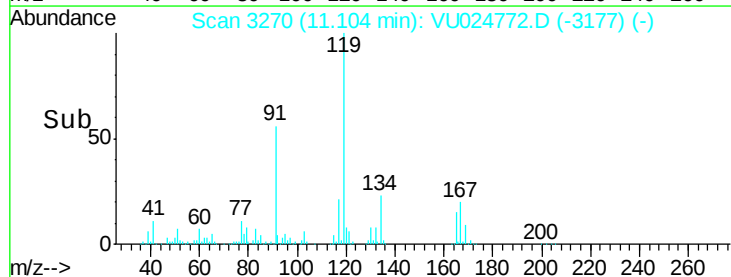
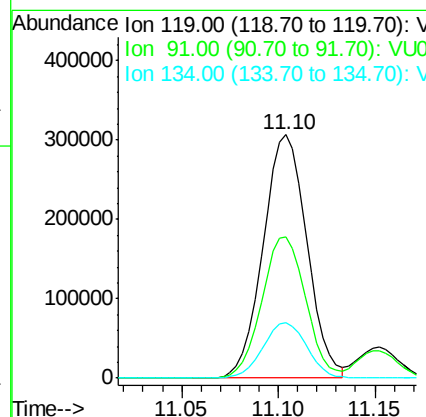
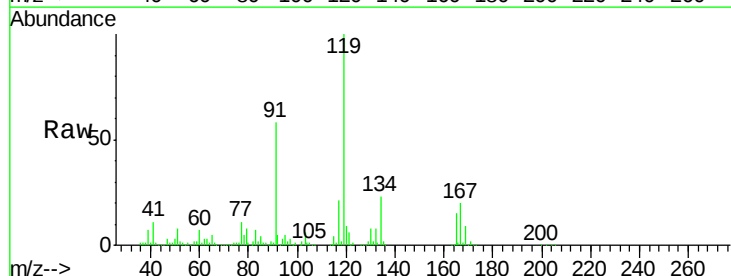
Instrument :
MSVOA_U
ClientSampleId :
TPTW-04MSD

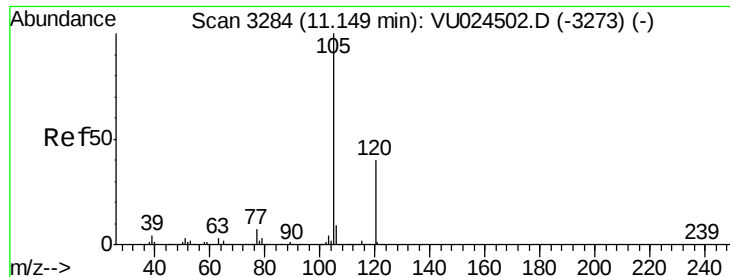
Tgt Ion: 91 Resp: 442576
Ion Ratio Lower Upper
91 100
126 30.9 14.9 44.9



#83
tert-Butylbenzene
Concen: 49.107 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Tgt Ion: 119 Resp: 482490
Ion Ratio Lower Upper
119 100
91 58.2 29.7 89.1
134 22.7 11.6 34.7

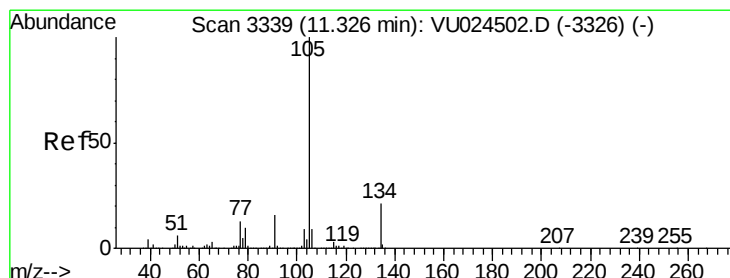
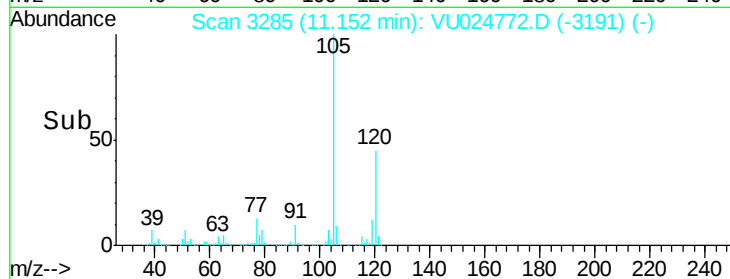
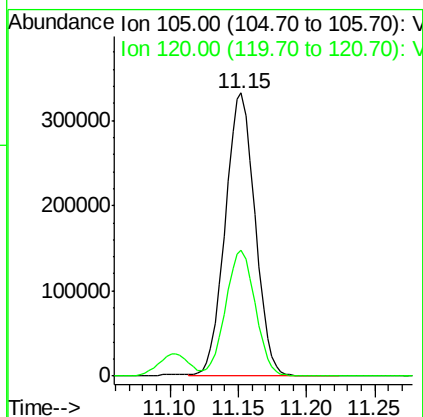
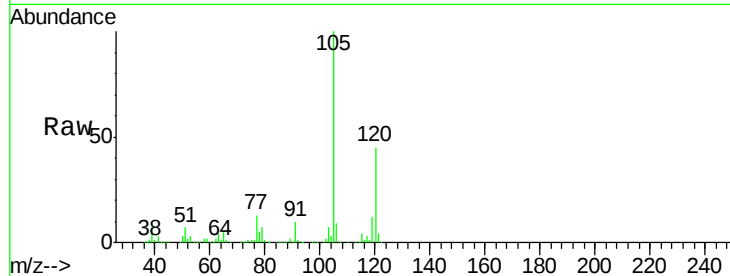




#84
 1,2,4-Trimethylbenzene
 Concen: 48.332 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

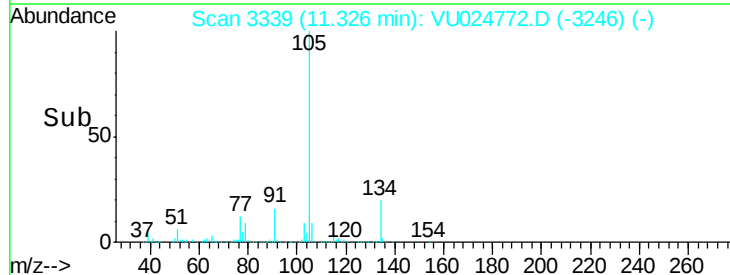
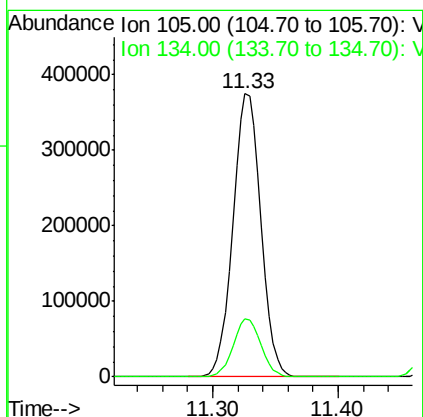
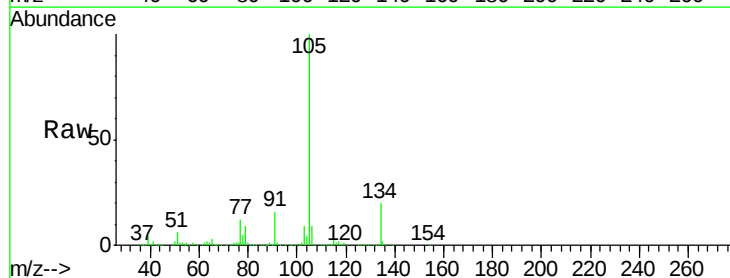
Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-04MSD

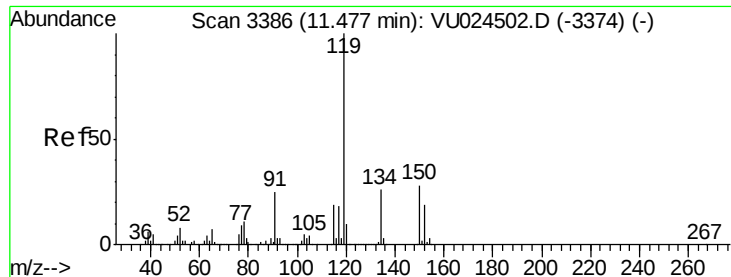
Tgt Ion:105 Resp: 503095
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.6 67.8



#85
 sec-Butylbenzene
 Concen: 46.906 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

Tgt Ion:105 Resp: 576880
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.7 29.1

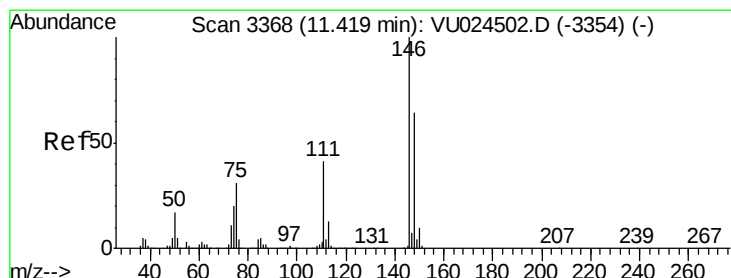
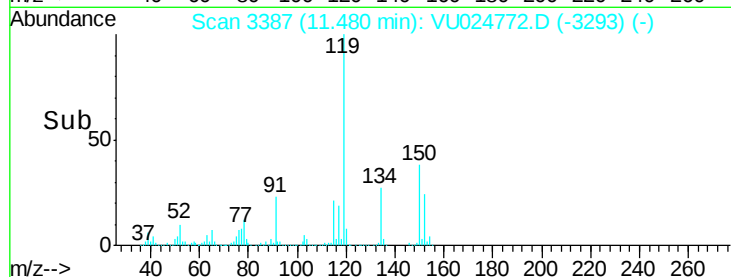
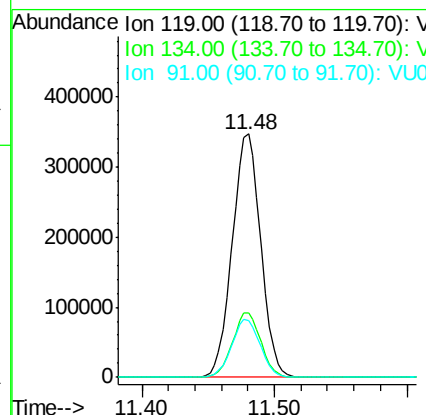
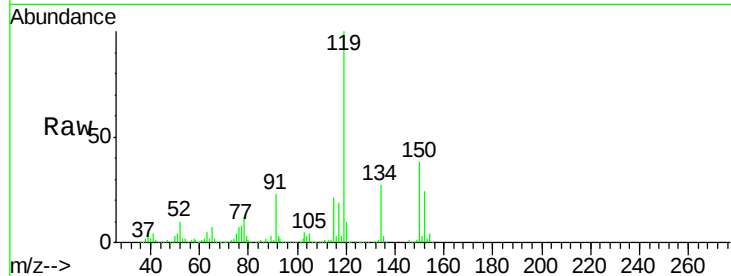




#86
p-Isopropyltoluene
Concen: 46.863 ug/l
RT: 11.48 min Scan# 3387
Delta R.T. 0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

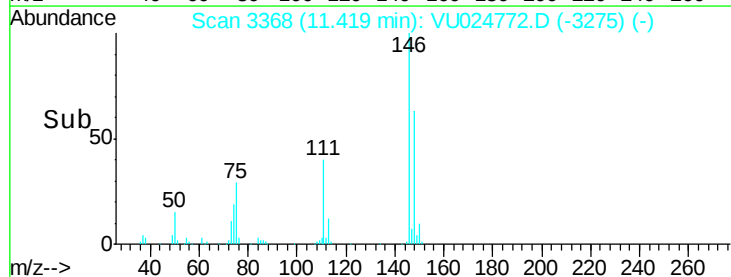
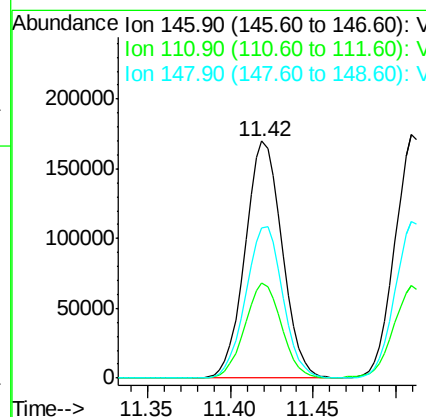
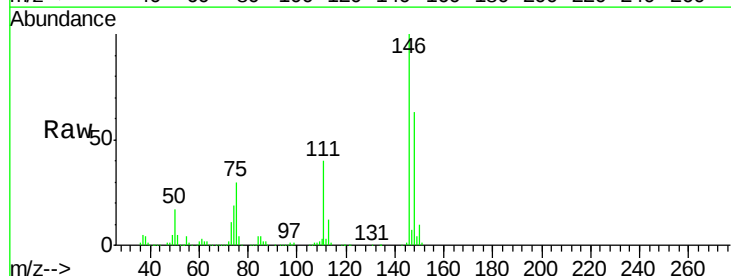
Instrument :
MSVOA_U
ClientSampleId :
TPTW-04MSD

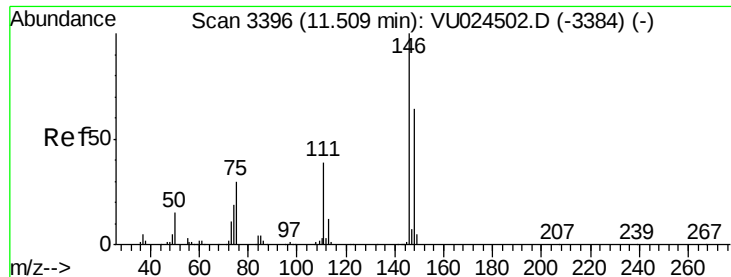
Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	12.9	38.6
91	24.0	12.0	36.1



#87
1,3-Dichlorobenzene
Concen: 47.902 ug/l
RT: 11.42 min Scan# 3368
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.0	60.0
148	64.1	32.1	96.5

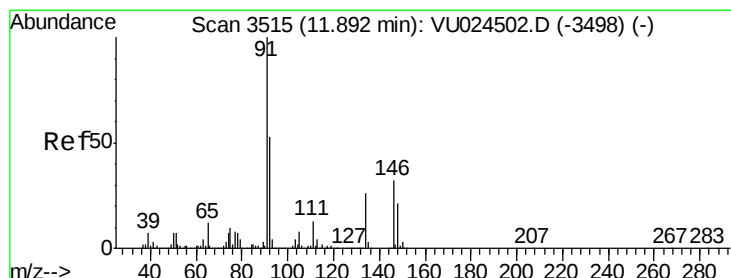
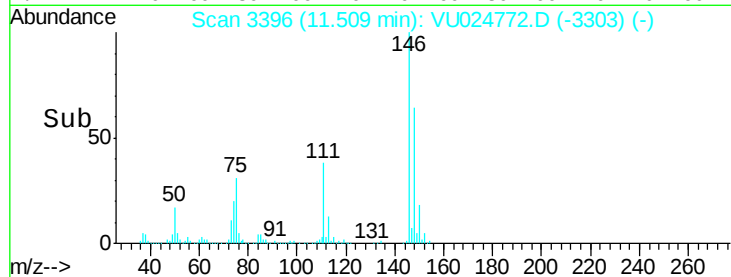
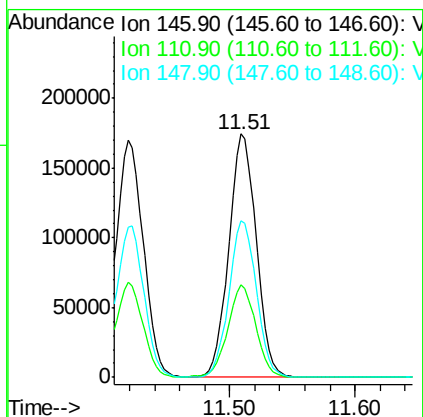
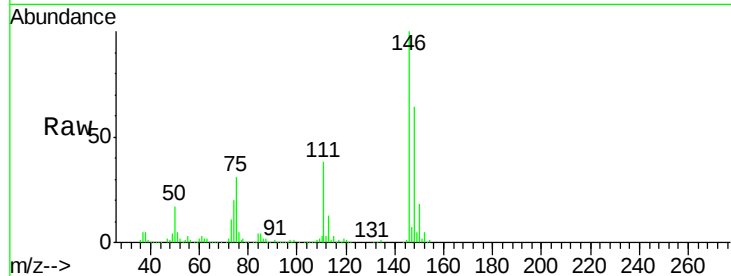




#88
 1,4-Dichlorobenzene
 Concen: 47.913 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

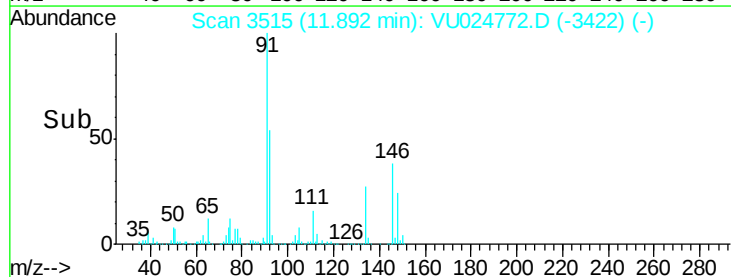
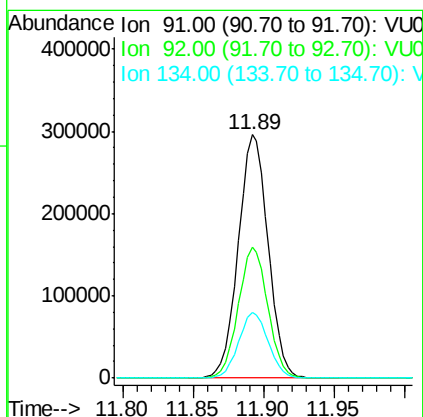
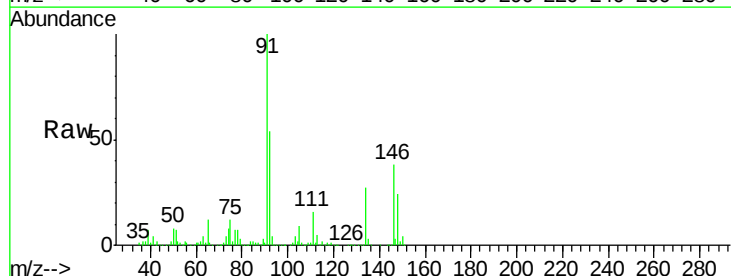
Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-04MSD

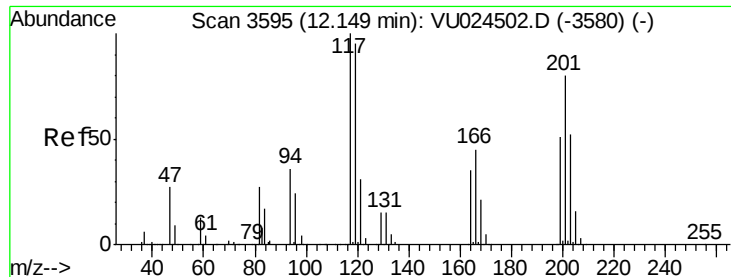
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.5	58.5
148	64.6	32.4	97.0



#89
 n-Butylbenzene
 Concen: 44.837 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.1	25.6	76.8
134	26.8	12.3	36.8

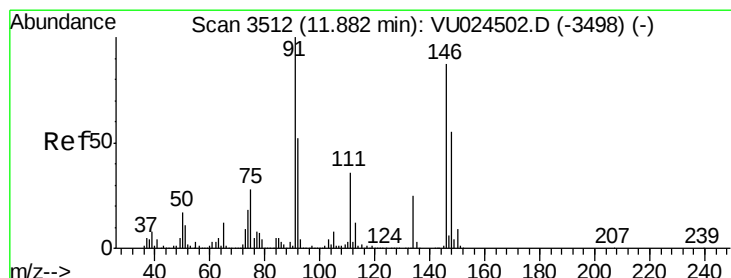
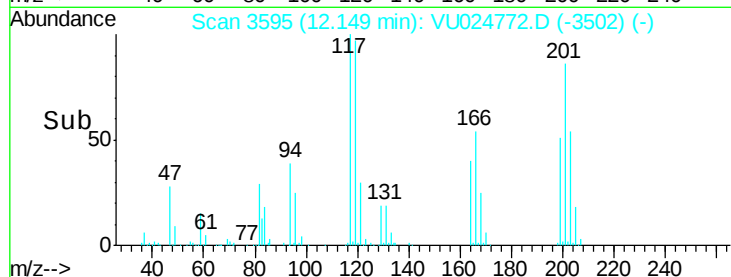
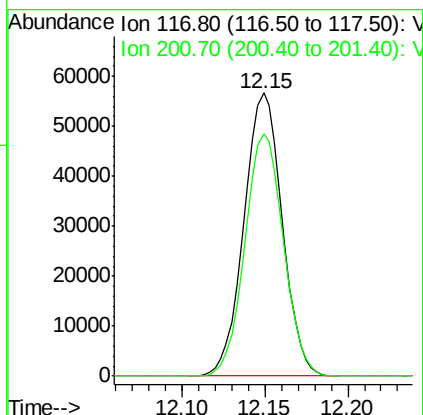
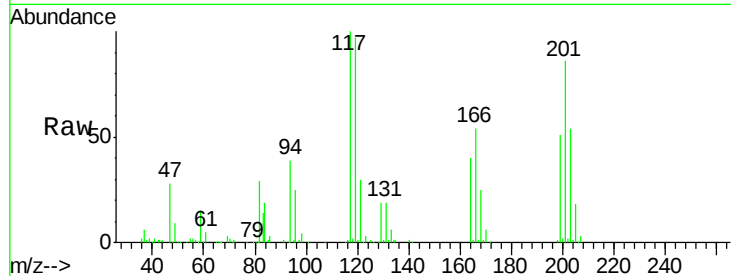




#90
Hexachloroethane
Concen: 42.322 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

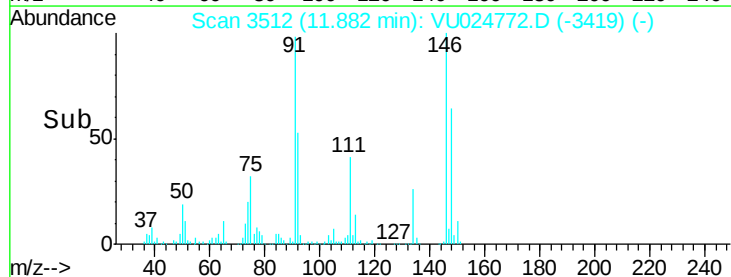
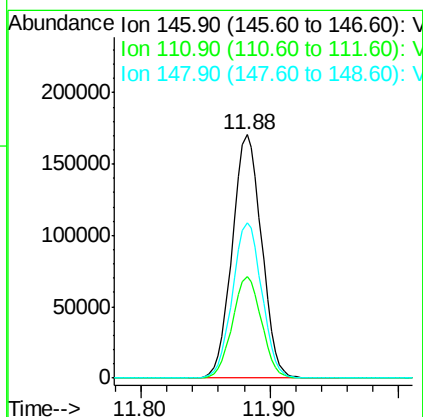
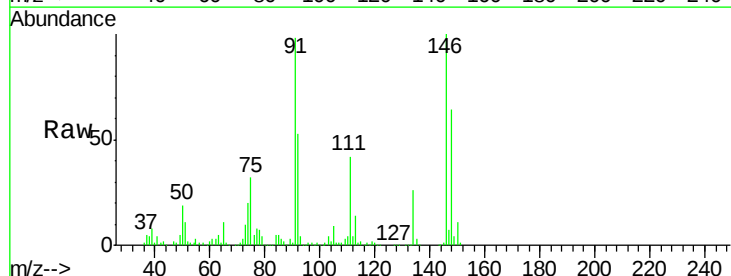
Instrument :
MSVOA_U
ClientSampleId :
TPTW-04MSD

Tgt Ion:117 Resp: 90937
Ion Ratio Lower Upper
117 100
201 86.1 41.1 123.3



#91
1,2-Dichlorobenzene
Concen: 48.891 ug/l
RT: 11.88 min Scan# 3512
Delta R.T. -0.00 min
Lab File: VU024772.D
Acq: 20 Jun 2018 21:10

Tgt Ion:146 Resp: 269915
Ion Ratio Lower Upper
146 100
111 41.4 20.5 61.6
148 63.8 31.9 95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 56.218 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

TPTW-04MSD

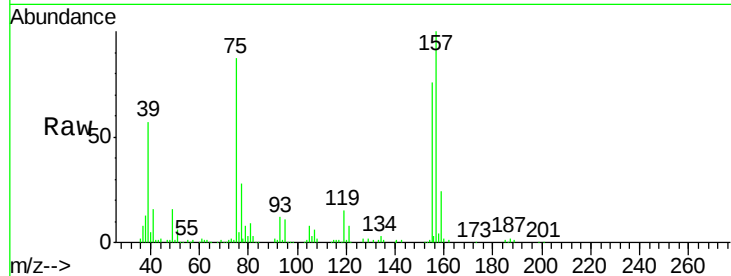
Tgt Ion: 75 Resp: 61257

Ion Ratio Lower Upper

75 100

155 87.0 40.4 121.2

157 114.4 52.3 156.8

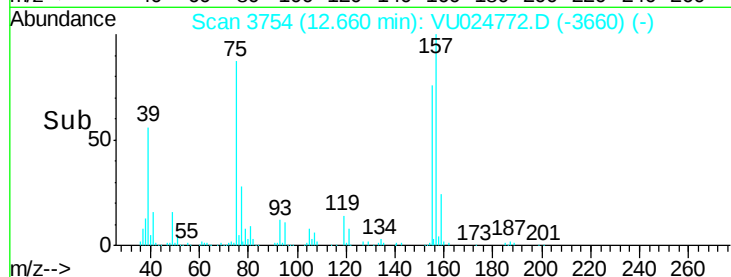


Abundance Ion 74.90 (74.60 to 75.60): VU024502.D (-3741) (-)

Ion 154.80 (154.50 to 155.50): VU024502.D (-3741) (-)

Ion 156.80 (156.50 to 157.50): VU024502.D (-3741) (-)

Time-->

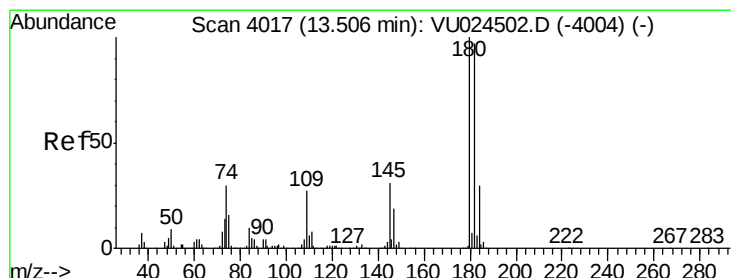


Abundance Ion 74.90 (74.60 to 75.60): VU024772.D (-3660) (-)

Ion 154.80 (154.50 to 155.50): VU024772.D (-3660) (-)

Ion 156.80 (156.50 to 157.50): VU024772.D (-3660) (-)

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 54.111 ug/l

RT: 13.51 min Scan# 4017

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

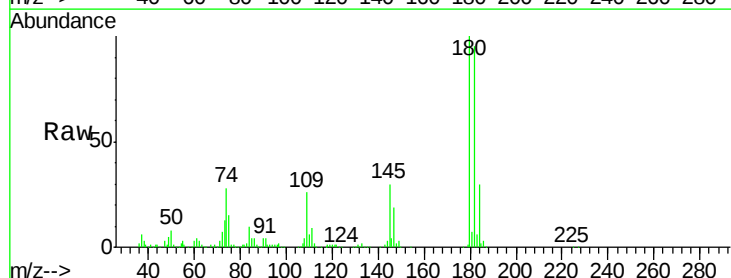
Tgt Ion: 180 Resp: 184476

Ion Ratio Lower Upper

180 100

182 95.5 48.0 144.2

145 29.5 14.7 44.1

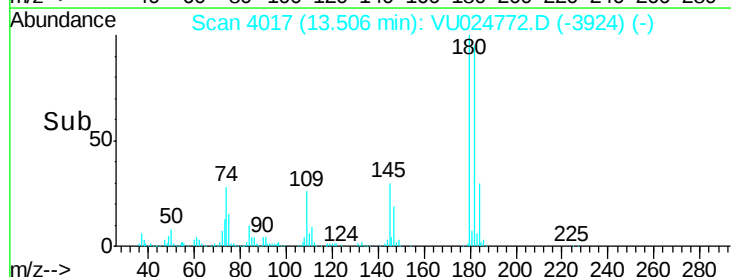


Abundance Ion 179.80 (179.50 to 180.50): VU024502.D (-4004) (-)

Ion 181.80 (181.50 to 182.50): VU024502.D (-4004) (-)

Ion 144.80 (144.50 to 145.50): VU024502.D (-4004) (-)

Time-->

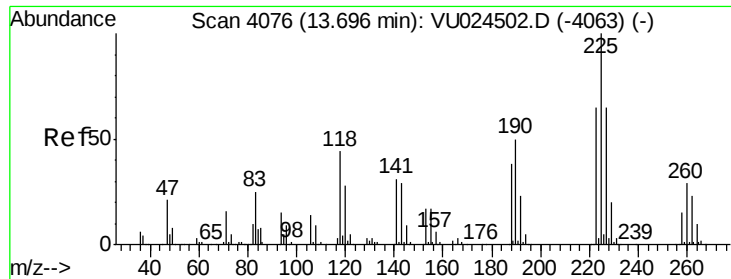


Abundance Ion 179.80 (179.50 to 180.50): VU024772.D (-3924) (-)

Ion 181.80 (181.50 to 182.50): VU024772.D (-3924) (-)

Ion 144.80 (144.50 to 145.50): VU024772.D (-3924) (-)

Time-->



#94

Hexachlorobutadiene

Concen: 47.470 ug/l

RT: 13.70 min Scan# 4076

Delta R.T. -0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

TPTW-04MSD

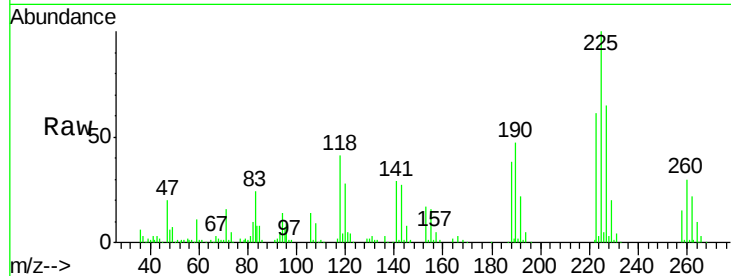
Tgt Ion:225 Resp: 91090

Ion Ratio Lower Upper

225 100

223 62.2 31.3 93.8

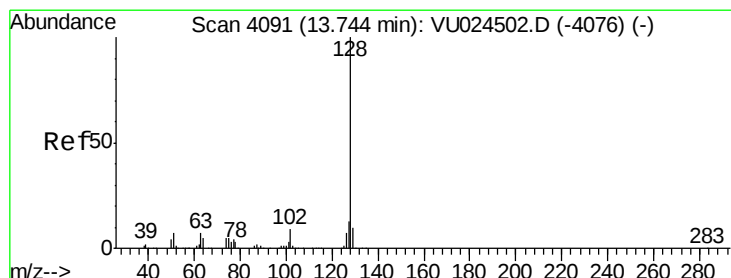
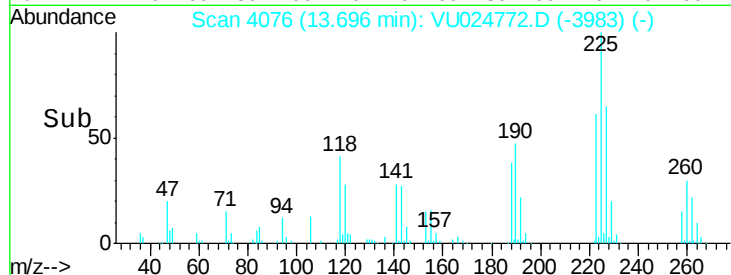
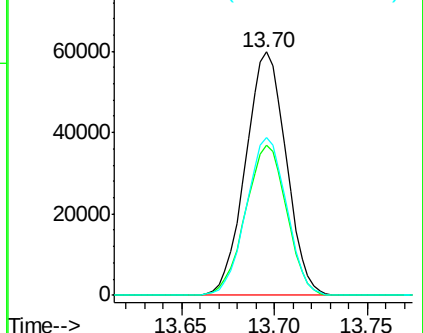
227 64.3 31.8 95.4



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: 62.839 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024772.D

Acq: 20 Jun 2018 21:10

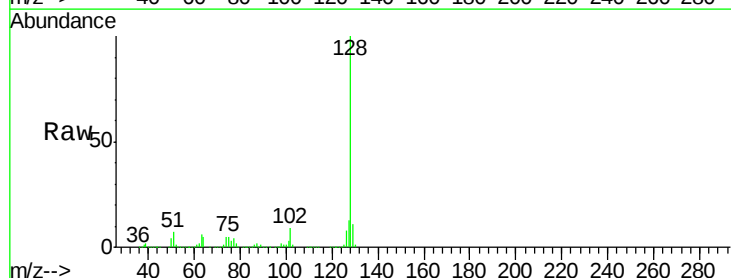
Tgt Ion:128 Resp: 711206

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

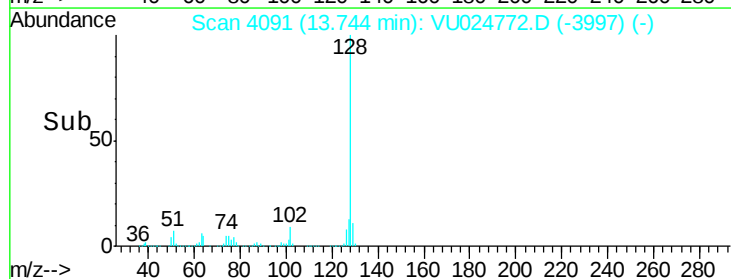
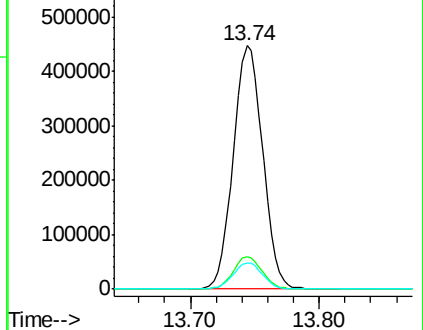
129 10.9 8.6 12.8

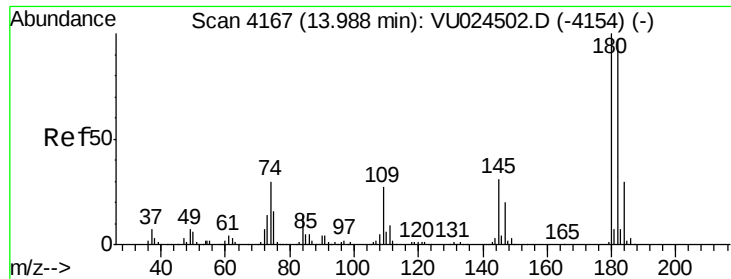


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

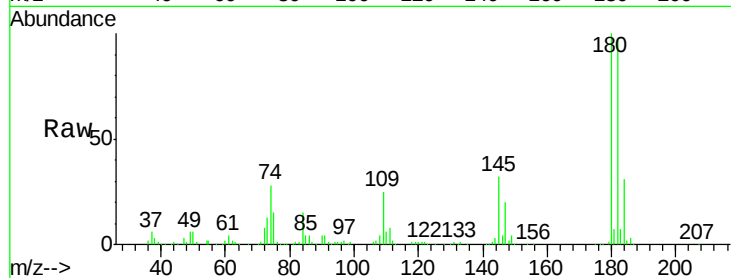




#96
 1,2,3-Trichlorobenzene
 Concen: 56.989 ug/l
 RT: 13.99 min Scan# 4167
 Delta R.T. -0.00 min
 Lab File: VU024772.D
 Acq: 20 Jun 2018 21:10

Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-04MSD

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.9	143.7
145	31.4	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

