

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027251.D
 Acq On : 28 Sep 2018 02:02
 Operator : MD/SY
 Sample : J5033-16MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW311I-20180919MS

Quant Time: Sep 28 03:44:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	75309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	133598	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	129796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	71114	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	76613	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
35) Dibromofluoromethane	4.88	113	55385	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
50) Toluene-d8	7.57	98	199634	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	
62) 4-Bromofluorobenzene	10.31	95	75199	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	52058	52.944	ug/l	98
3) Chloromethane	1.33	50	79725	47.029	ug/l	99
4) Vinyl Chloride	1.40	62	81107	51.255	ug/l	100
5) Bromomethane	1.62	94	55274	61.338	ug/l	96
6) Chloroethane	1.69	64	51610	51.045	ug/l	99
7) Trichlorofluoromethane	1.88	101	88109	49.024	ug/l	99
8) Diethyl Ether	2.11	74	42855	49.539	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.29	101	48016	43.450	ug/l	98
10) Methyl Iodide	2.41	142	19792	14.441	ug/l	99
11) Tert butyl alcohol	2.83	59	84769	244.000	ug/l	99
12) 1,1-Dichloroethene	2.28	96	48530	46.658	ug/l	96
13) Acrolein	2.20	56	25138	134.228	ug/l	98
14) Allyl chloride	2.59	41	114453	54.253	ug/l	98
15) Acrylonitrile	2.94	53	241348	275.632	ug/l	99
16) Acetone	2.32	43	202041	251.007	ug/l	98
17) Carbon Disulfide	2.48	76	177166	52.286	ug/l	100
18) Methyl Acetate	2.62	43	116795	54.138	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	227371	59.486	ug/l	100
20) Methylene Chloride	2.70	84	67786	49.937	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	59249	53.353	ug/l	100
22) Diisopropyl ether	3.58	45	262522	58.179	ug/l	96
23) Vinyl Acetate	3.53	43	1002125	260.536	ug/l	99
24) 1,1-Dichloroethane	3.45	63	135490	54.519	ug/l	98
25) 2-Butanone	4.26	43	343409	269.596	ug/l	99
26) 2,2-Dichloropropane	4.23	77	81230	41.911	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	79932	63.735	ug/l	98
28) Bromochloromethane	4.55	49	65141	54.376	ug/l	96
29) Tetrahydrofuran	4.64	42	225933	293.207	ug/l	97
30) Chloroform	4.67	83	125766	54.518	ug/l	99
31) Cyclohexane	5.00	56	119996	53.153	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	99722	54.142	ug/l	99
36) 1,1-Dichloropropene	5.14	75	90140	50.555	ug/l	99
37) Ethyl Acetate	4.38	43	113790	47.143	ug/l	99
38) Carbon Tetrachloride	5.14	117	84522	49.813	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	97430	50.283	ug/l	97
40) Benzene	5.39	78	273479	50.454	ug/l	100
41) Methacrylonitrile	4.54	41	71099	56.718	ug/l	98
42) 1,2-Dichloroethane	5.40	62	105175	51.358	ug/l	100
43) Isopropyl Acetate	5.55	43	181017	51.423	ug/l	99
44) Trichloroethene	6.19	130	60625	52.537	ug/l	93
45) 1,2-Dichloropropane	6.43	63	80879	52.368	ug/l	100
46) Dibromomethane	6.56	93	47457	50.878	ug/l	97
47) Bromodichloromethane	6.76	83	93672	49.665	ug/l	98
48) Methyl methacrylate	6.62	41	98483	51.374	ug/l	98
49) 1,4-Dioxane	6.61	88	30801	809.162	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	654756	276.559	ug/l	100
52) Toluene	7.64	92	164260	52.869	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	105440	52.032	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	109954	49.348	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	66078	50.193	ug/l	99
56) Ethyl methacrylate	8.02	69	111879	49.023	ug/l	98
57) 1,3-Dichloropropane	8.24	76	127068	51.895	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.27	63	498	5.238	ug/l #	52
59) 2-Hexanone	8.36	43	502923	271.376	ug/l	99
60) Dibromochloromethane	8.48	129	66118	51.201	ug/l	98
61) 1,2-Dibromoethane	8.59	107	68424	49.953	ug/l	97
64) Tetrachloroethene	8.23	164	47731	47.723	ug/l	99
65) Chlorobenzene	9.12	112	166859	48.484	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	60573	51.099	ug/l	99
67) Ethyl Benzene	9.25	91	301374	53.253	ug/l	99
68) m/p-Xylenes	9.38	106	224348	97.918	ug/l	98
69) o-Xylene	9.78	106	108274	53.998	ug/l	99
70) Styrene	9.79	104	180604	48.303	ug/l	99
71) Bromoform	9.96	173	47266	51.563	ug/l #	99
73) Isopropylbenzene	10.17	105	290924	53.780	ug/l	99
74) N-amyl acetate	10.02	43	152303	48.639	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	117239	47.137	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	132284	61.231	ug/l	80
77) Bromobenzene	10.45	156	66470	50.283	ug/l	95
78) n-propylbenzene	10.59	91	350926	54.826	ug/l	100
79) 2-Chlorotoluene	10.66	91	207393	51.584	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	243367	54.500	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	132284	195.949	ug/l #	100
82) 4-Chlorotoluene	10.77	91	242280	53.743	ug/l	99
83) tert-Butylbenzene	11.10	119	232037	52.559	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	248304	54.639	ug/l	98
85) sec-Butylbenzene	11.32	105	288768	53.583	ug/l	99
86) p-Isopropyltoluene	11.48	119	243655	48.217	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	119905	48.743	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	122943	45.856	ug/l	100
89) n-Butylbenzene	11.89	91	223309	45.767	ug/l	100
90) Hexachloroethane	12.15	117	45571	46.501	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	123253	47.168	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	26001	51.244	ug/l	97

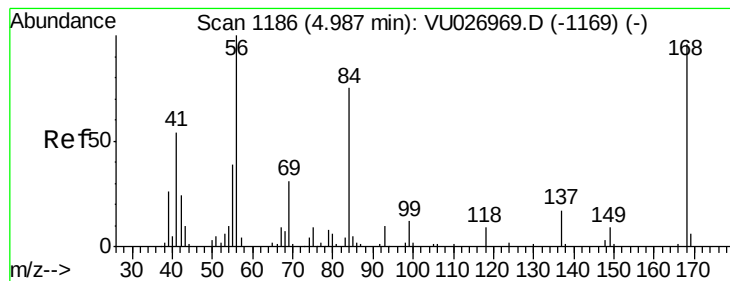
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092818\
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Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	76613	50.878	ug/l	99
94) Hexachlorobutadiene	13.69	225	37033	46.480	ug/l	99
95) Naphthalene	13.74	128	277480	47.227	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	82177	50.889	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027251.D

Acq: 28 Sep 2018 02:02

Instrument :

MSVOA_U

ClientSampleId :

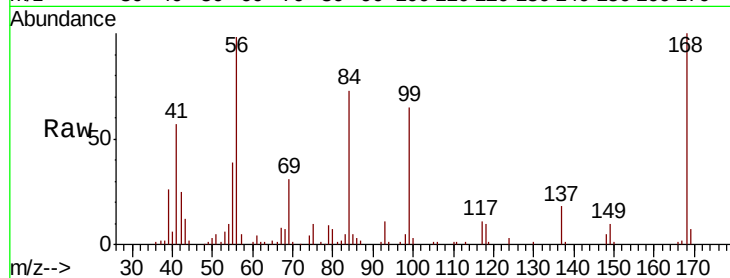
BPSI-TT-MW311I-20180919MS

Tot Ion:168 Resp: 75309

Ion Ratio Lower Upper

168 100

99 64.0 48.1 72.1



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

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

4.98

30000

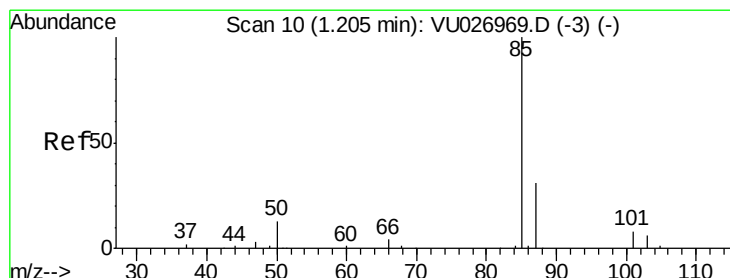
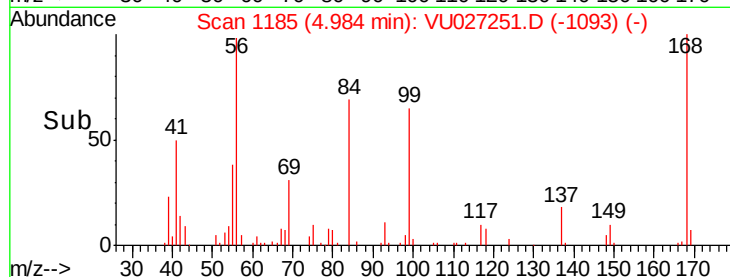
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10000

0

4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 52.944 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027251.D

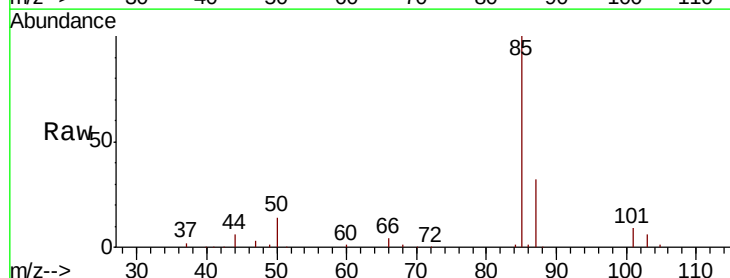
Acq: 28 Sep 2018 02:02

Tgt Ion: 85 Resp: 52058

Ion Ratio Lower Upper

85 100

87 32.1 15.6 46.7



Abundance Ion 84.90 (84.60 to 85.60): VU026969.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU026969.D (-3) (-)

1.21

60000

50000

40000

30000

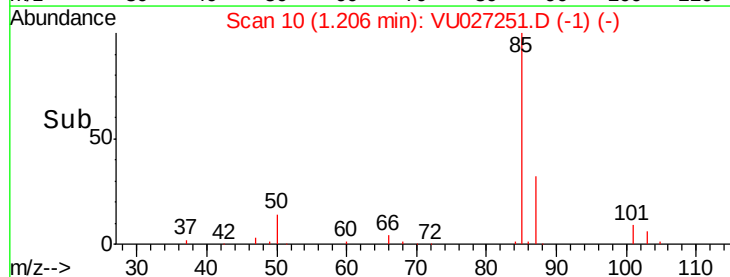
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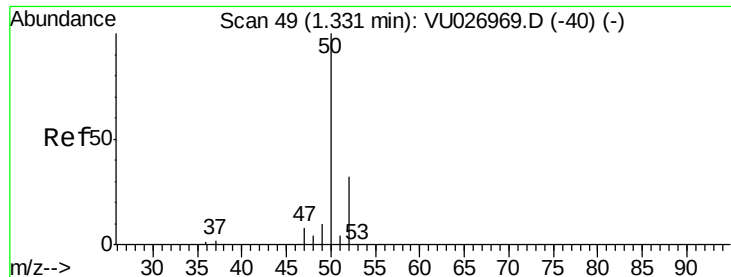
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0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 47.029 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027251.D

Acq: 28 Sep 2018 02:02

Instrument :

MSVOA_U

ClientSampleId :

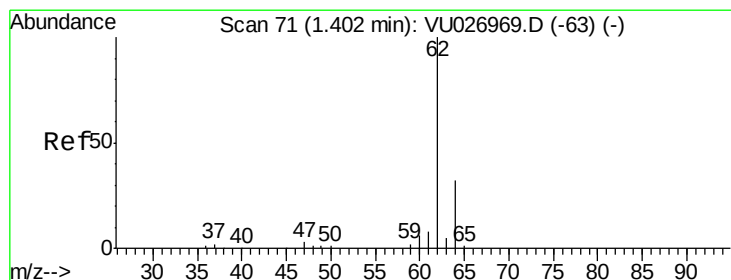
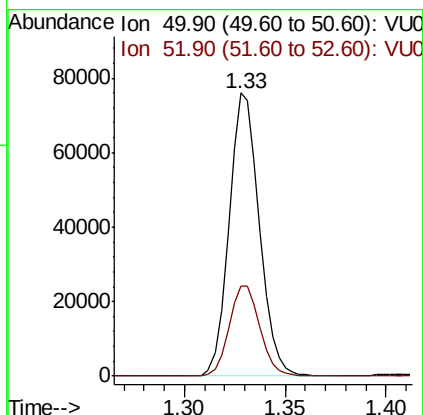
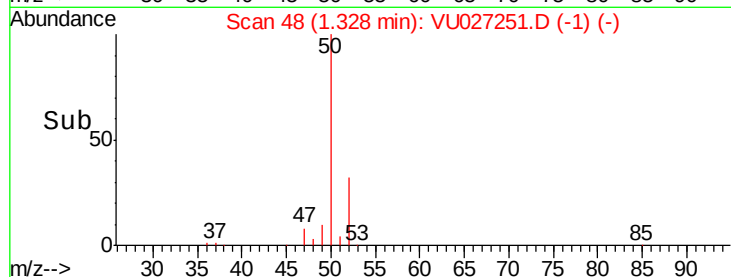
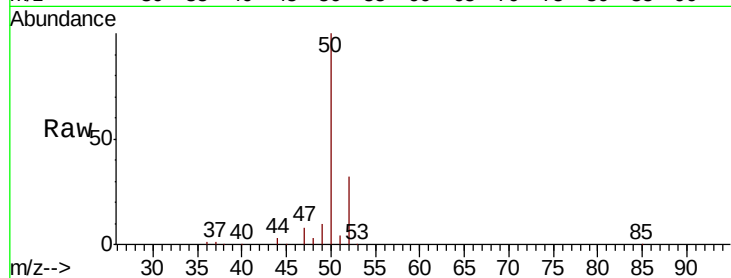
BPSI-TT-MW311I-20180919MS

Tot Ion: 50 Resp: 79725

Ion Ratio Lower Upper

50 100

52 32.0 25.9 38.9



#4

Vinyl Chloride

Concen: 51.255 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027251.D

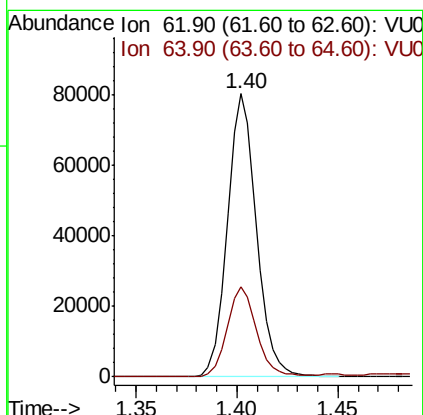
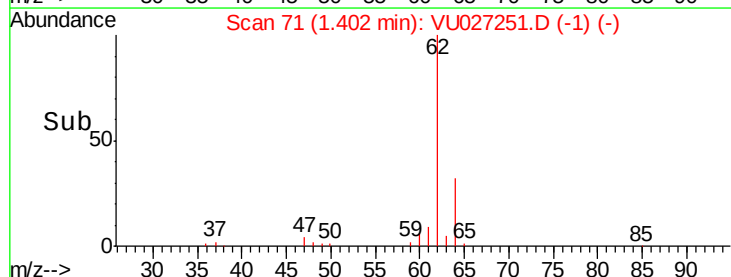
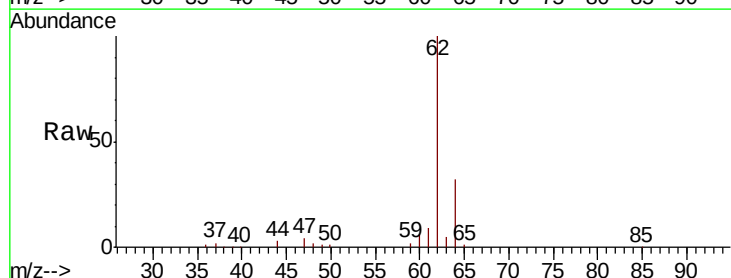
Acq: 28 Sep 2018 02:02

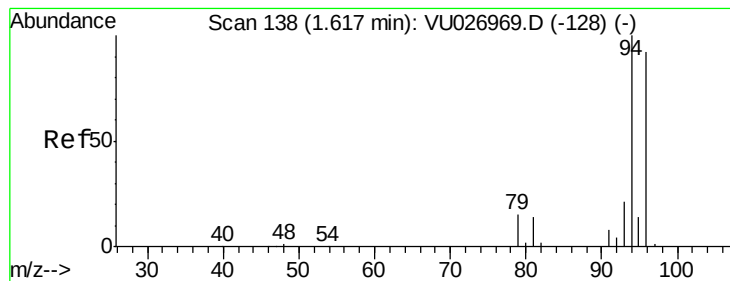
Tgt Ion: 62 Resp: 81107

Ion Ratio Lower Upper

62 100

64 31.7 25.5 38.3





#5

Bromomethane

Concen: 61.338 ug/l

RT: 1.62 min Scan# 139

Delta R.T. 0.00 min

Lab File: VU027251.D

Acq: 28 Sep 2018 02:02

Instrument :

MSVOA_U

ClientSampleId :

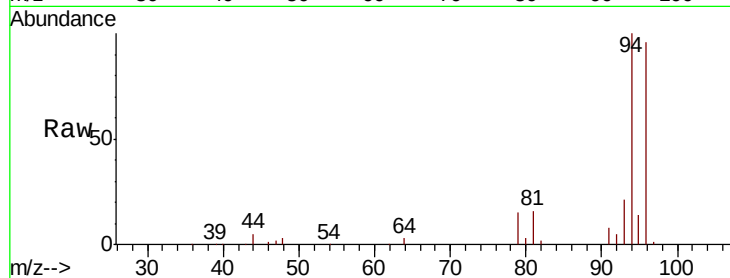
BPSI-TT-MW311I-20180919MS

Tot Ion: 94 Resp: 55274

Ion Ratio Lower Upper

94 100

96 95.6 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

1.62

40000

30000

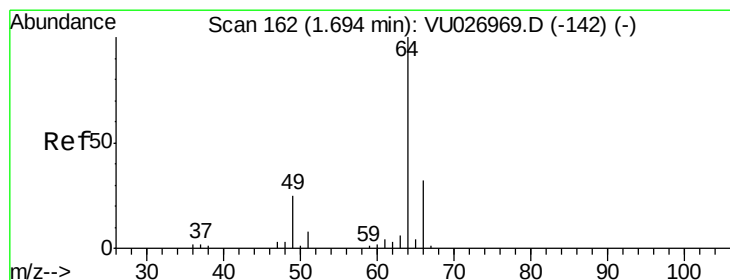
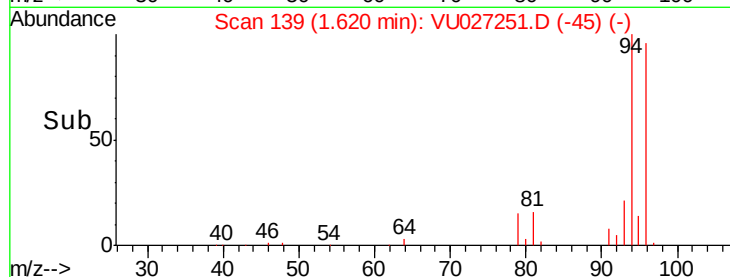
20000

10000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 51.045 ug/l

RT: 1.69 min Scan# 162

Delta R.T. 0.00 min

Lab File: VU027251.D

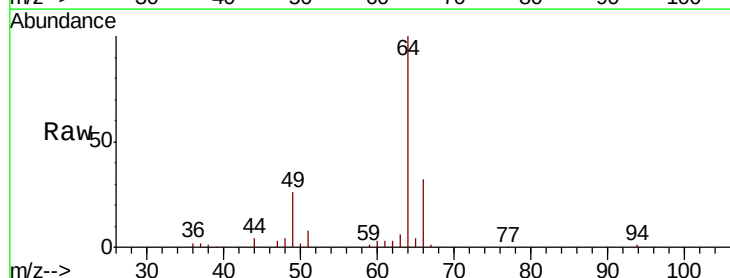
Acq: 28 Sep 2018 02:02

Tgt Ion: 64 Resp: 51610

Ion Ratio Lower Upper

64 100

66 32.2 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

1.69

40000

30000

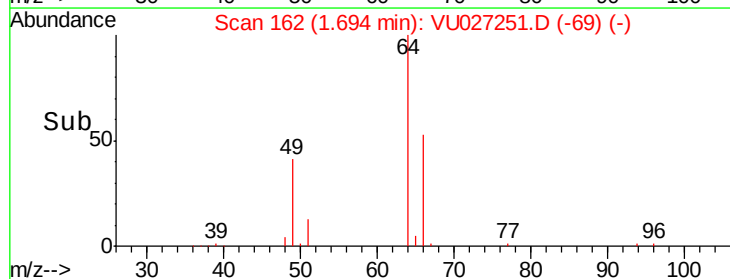
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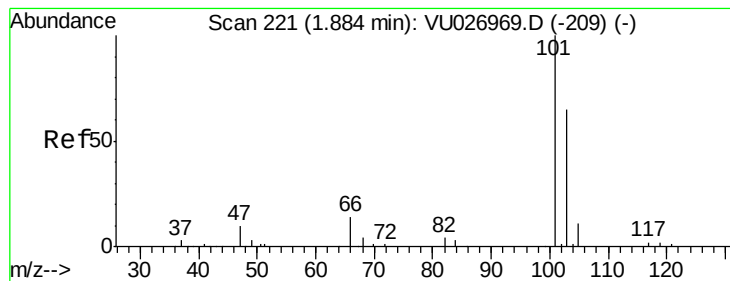
10000

0

Time-->

1.65 1.70 1.75



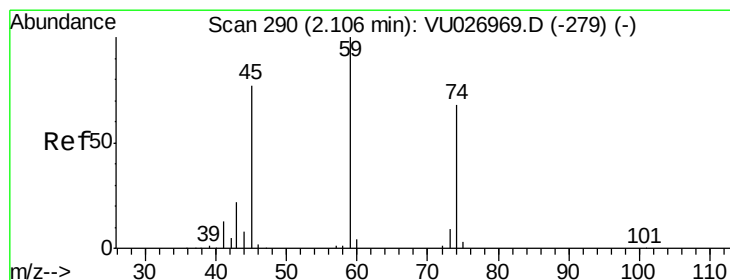
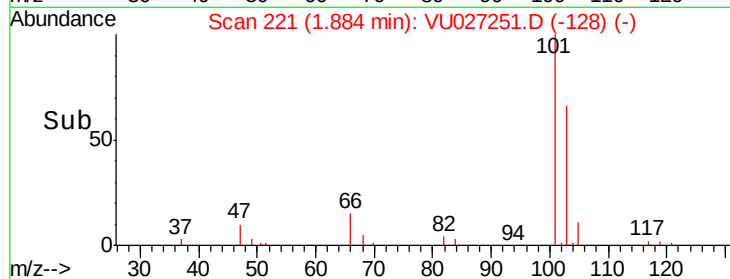
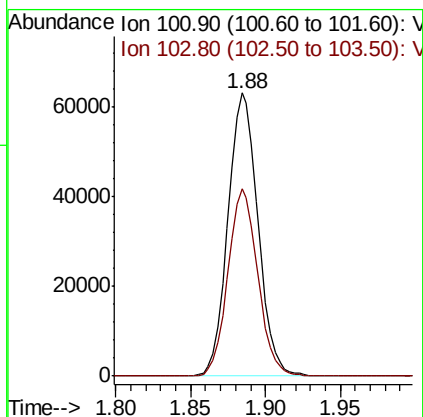
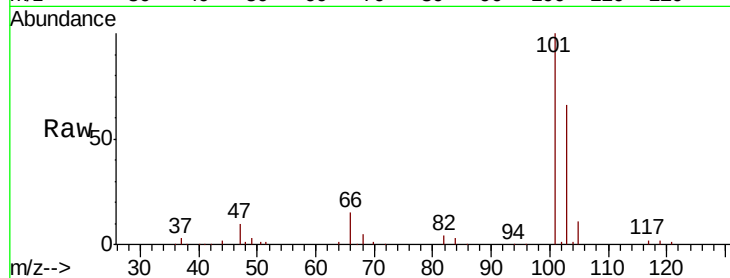


#7

Trichlorofluoromethane
 Concen: 49.024 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VU027251.D
 Acq: 28 Sep 2018 02:02

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 MSVOA_U
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 BPSI-TT-MW311I-20180919MS

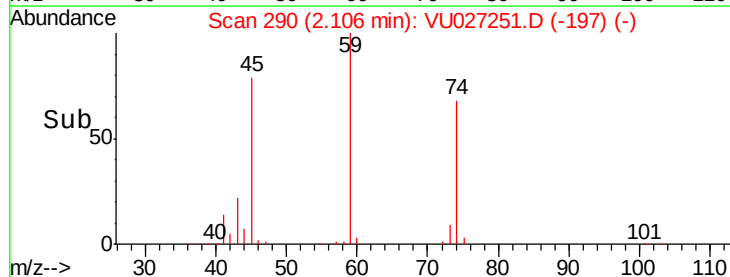
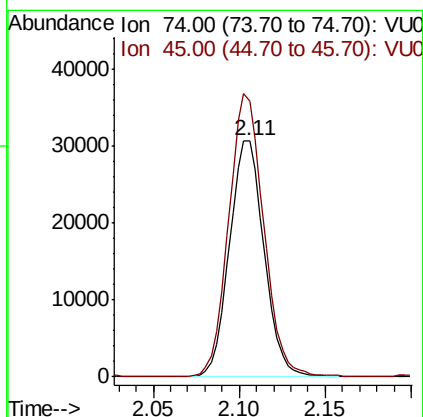
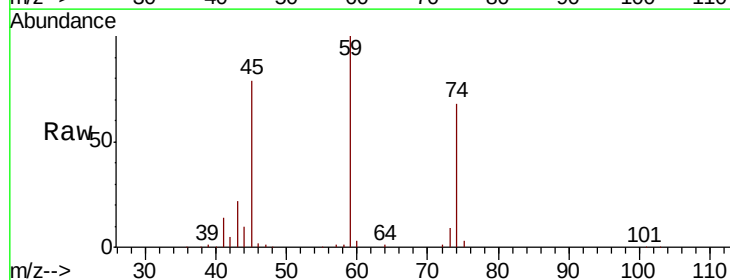
Tot Ion:101 Resp: 88109
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.2 78.2

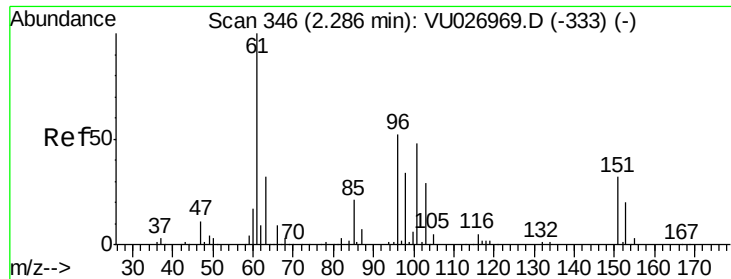


#8

Diethyl Ether
 Concen: 49.539 ug/l
 RT: 2.11 min Scan# 290
 Delta R.T. 0.00 min
 Lab File: VU027251.D
 Acq: 28 Sep 2018 02:02

Tgt Ion: 74 Resp: 42855
 Ion Ratio Lower Upper
 74 100
 45 121.8 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.450 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027251.D

Acq: 28 Sep 2018 02:02

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW311I-20180919MS

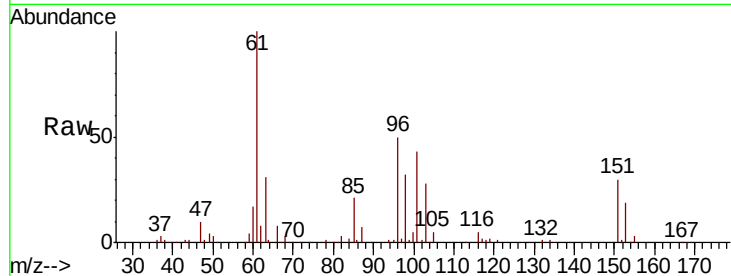
Tot Ion:101 Resp: 48016

Ion Ratio Lower Upper

101 100

85 46.9 36.2 54.2

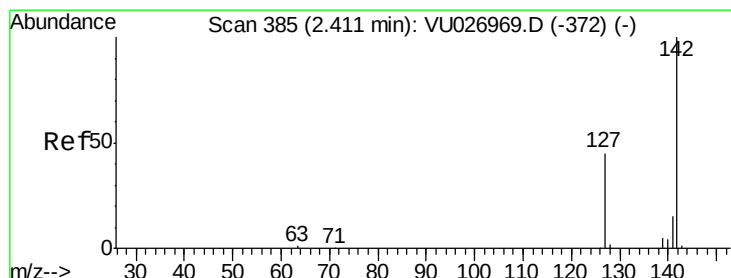
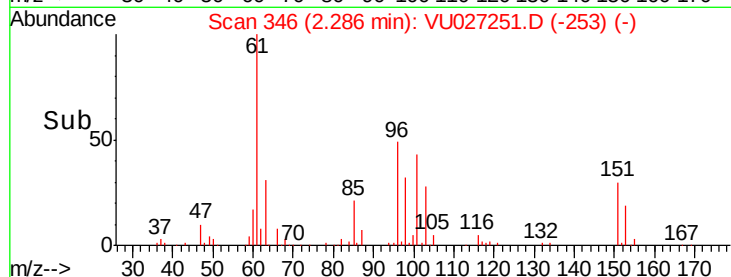
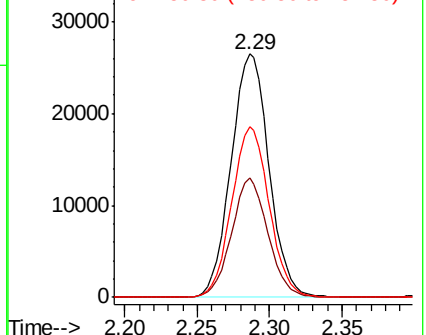
151 69.0 54.5 81.7



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: 14.441 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU027251.D

Acq: 28 Sep 2018 02:02

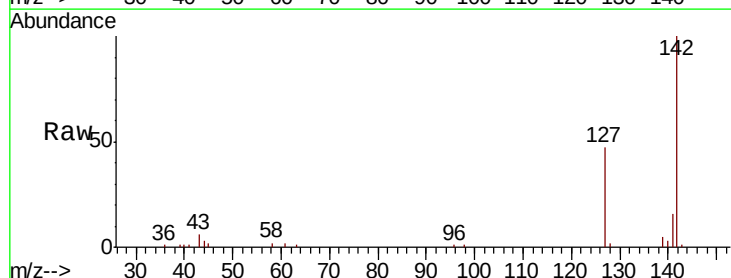
Tgt Ion:142 Resp: 19792

Ion Ratio Lower Upper

142 100

127 45.5 36.7 55.1

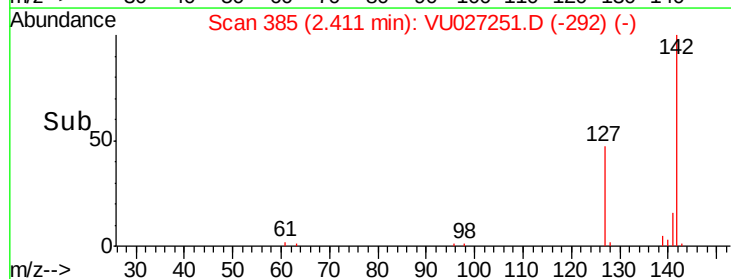
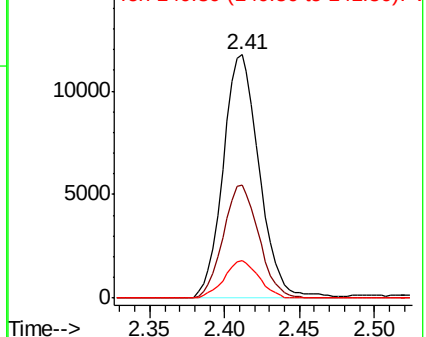
141 14.6 11.8 17.6

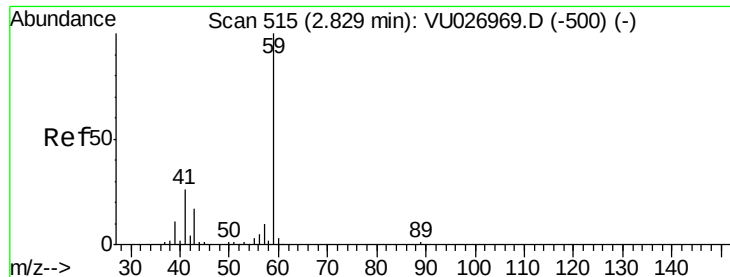


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

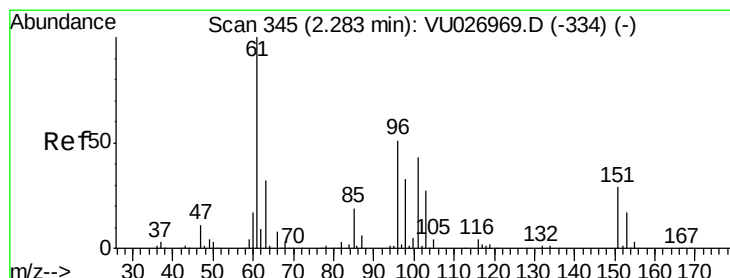
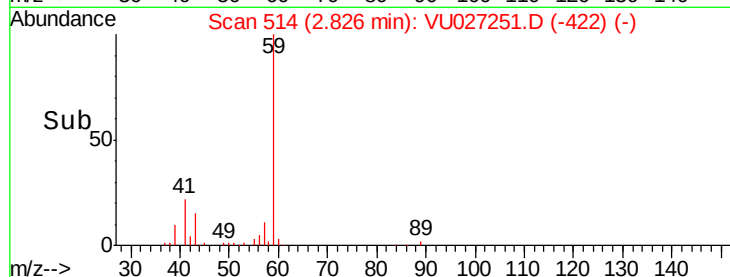
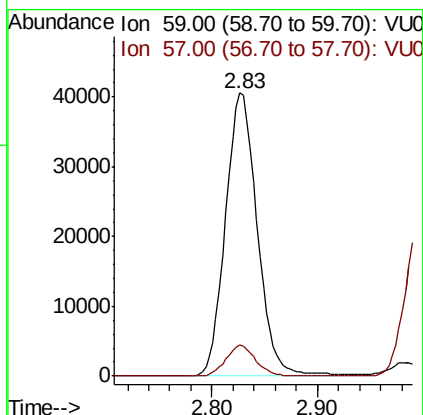
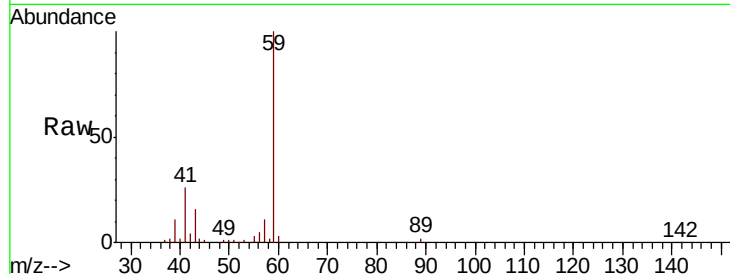




#11
Tert butyl alcohol
Concen: 244.000 ug/l
RT: 2.83 min Scan# 514
Delta R.T. -0.00 min
Lab File: VU027251.D
Acq: 28 Sep 2018 02:02

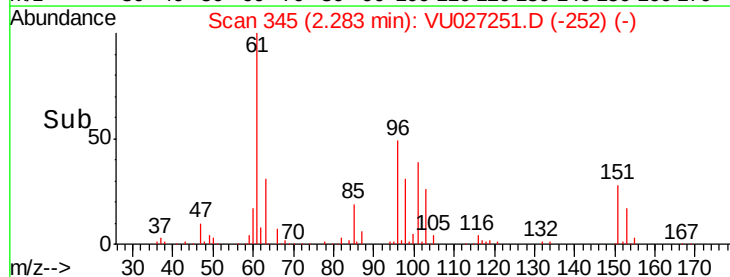
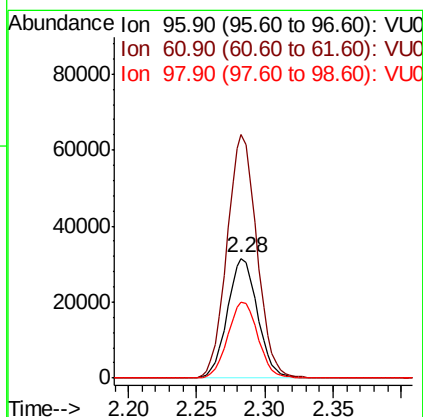
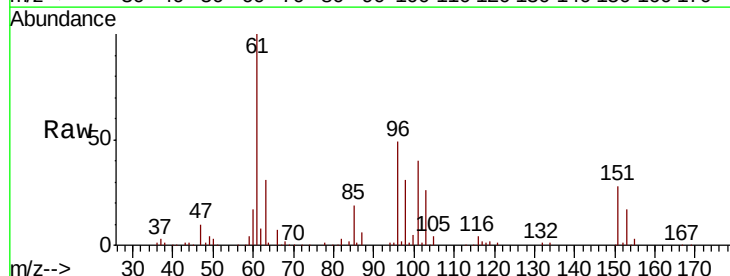
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW311I-20180919MS

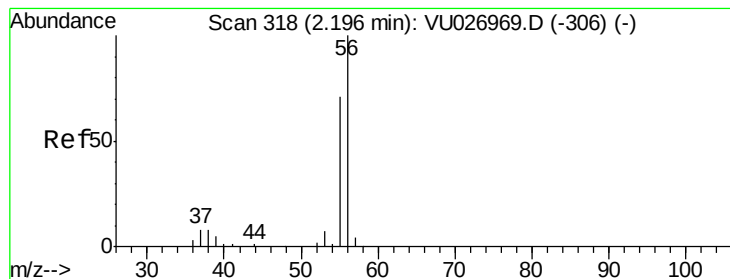
Tot Ion: 59 Resp: 84769
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7



#12
1,1-Dichloroethene
Concen: 46.658 ug/l
RT: 2.28 min Scan# 345
Delta R.T. 0.00 min
Lab File: VU027251.D
Acq: 28 Sep 2018 02:02

Tgt Ion: 96 Resp: 48530
Ion Ratio Lower Upper
96 100
61 203.7 156.1 234.1
98 63.7 51.4 77.0





#13

Acrolein

Concen: 134.228 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027251.D

Acq: 28 Sep 2018 02:02

Instrument :

MSVOA_U

ClientSampleId :

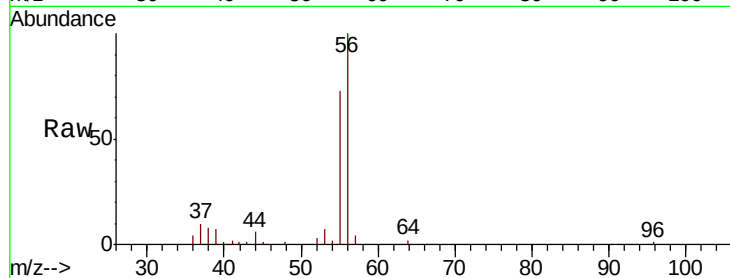
BPSI-TT-MW311I-20180919MS

Tot Ion: 56 Resp: 25138

Ion Ratio Lower Upper

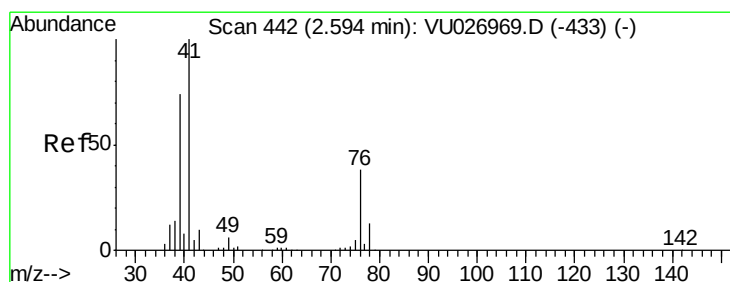
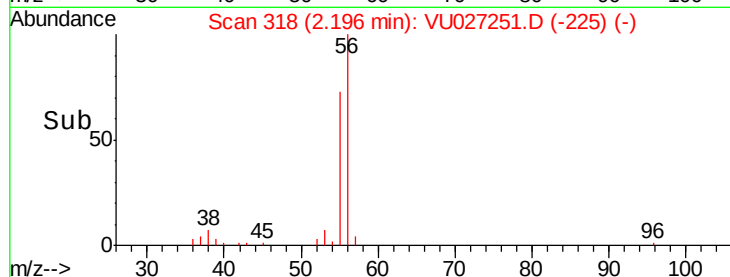
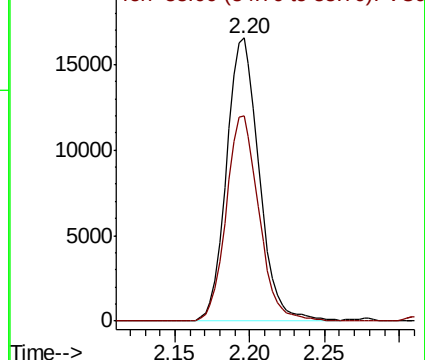
56 100

55 72.7 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 54.253 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027251.D

Acq: 28 Sep 2018 02:02

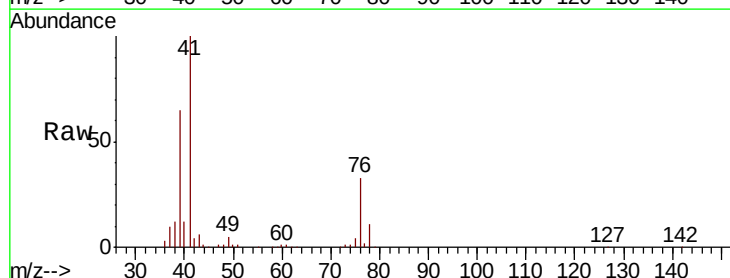
Tgt Ion: 41 Resp: 114453

Ion Ratio Lower Upper

41 100

39 68.0 55.7 83.5

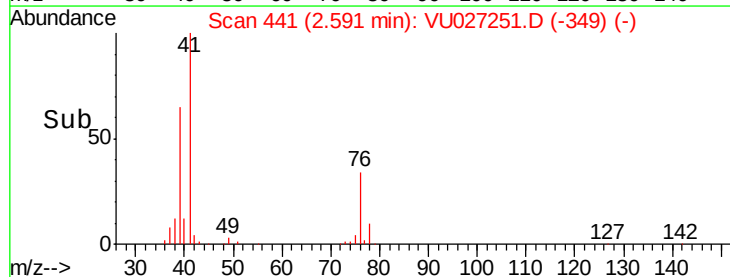
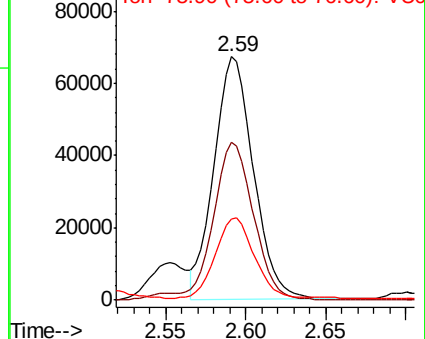
76 32.5 26.5 39.7

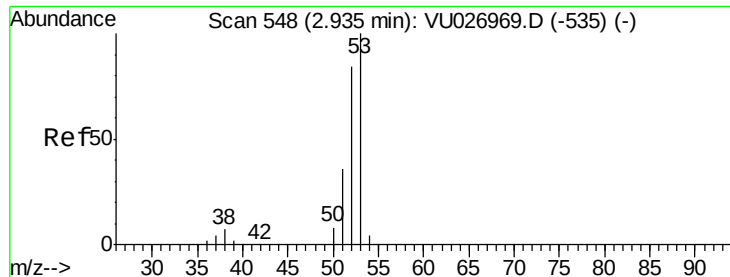


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 275.632 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027251.D

Acq: 28 Sep 2018 02:02

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW311I-20180919MS

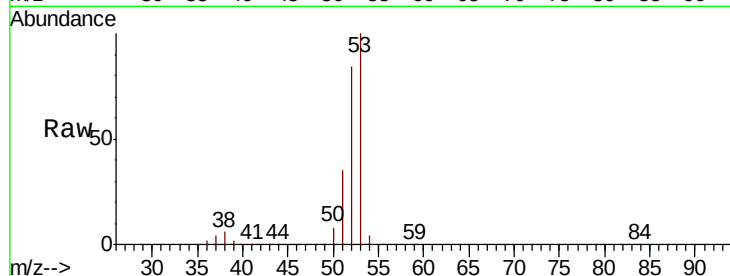
Tot Ion: 53 Resp: 241348

Ion Ratio Lower Upper

53 100

52 82.4 65.7 98.5

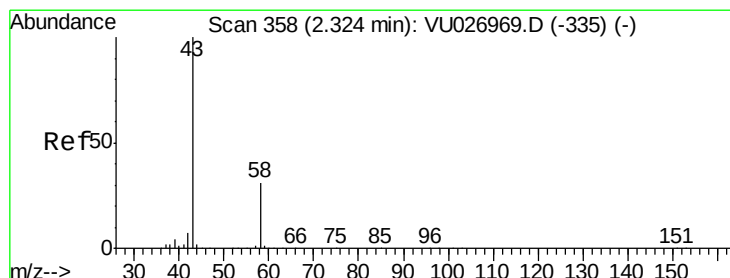
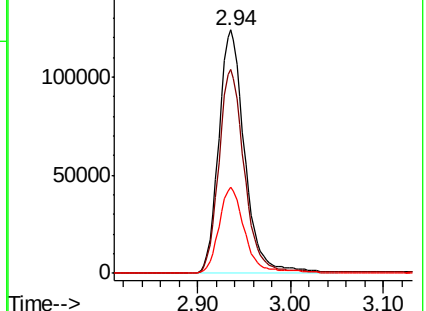
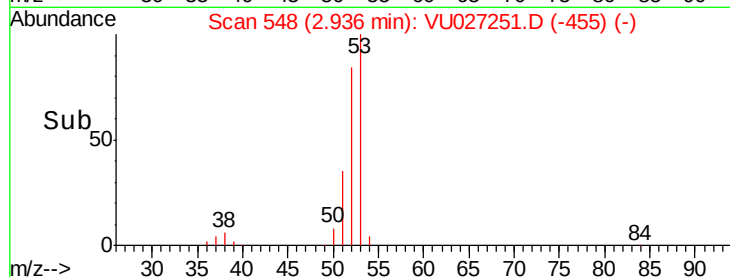
51 35.7 27.4 41.2



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: 251.007 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027251.D

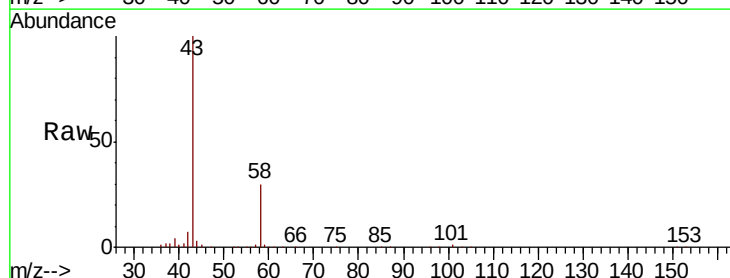
Acq: 28 Sep 2018 02:02

Tgt Ion: 43 Resp: 202041

Ion Ratio Lower Upper

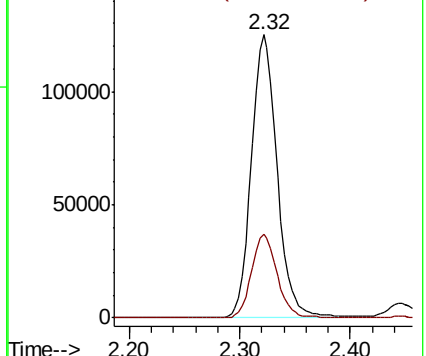
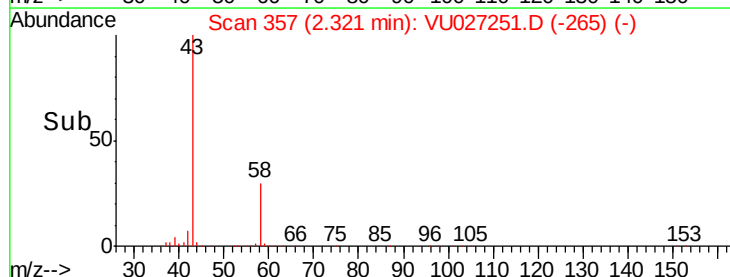
43 100

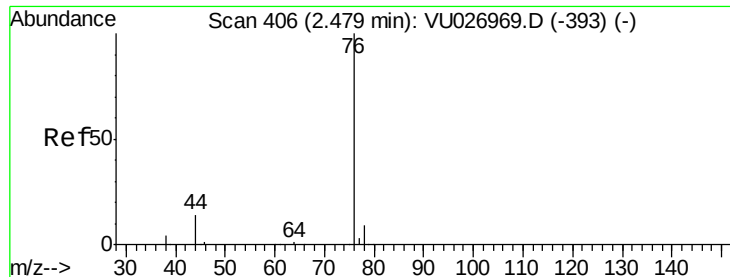
58 29.7 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

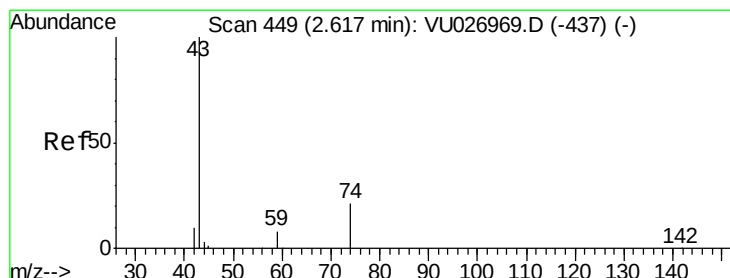
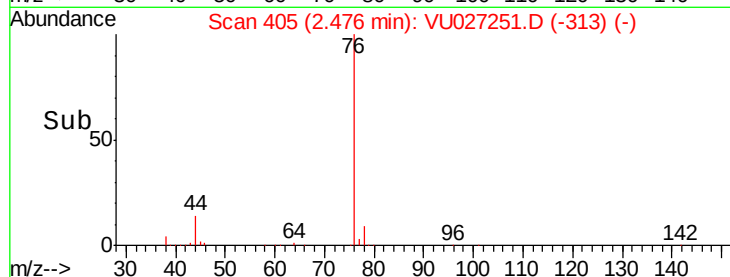
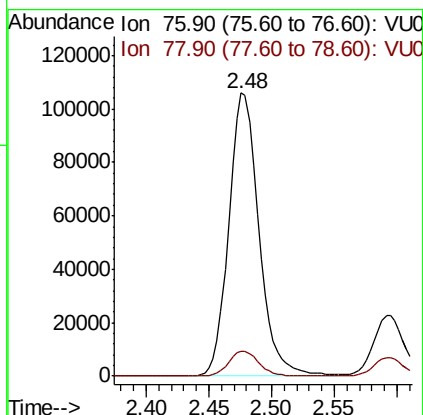
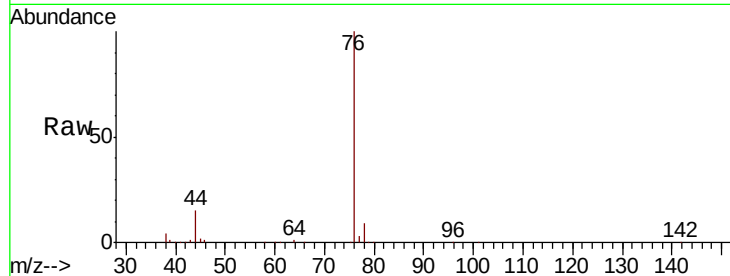




#17
Carbon Disulfide
Concen: 52.286 ug/l
RT: 2.48 min Scan# 405
Delta R.T. -0.00 min
Lab File: VU027251.D
Acq: 28 Sep 2018 02:02

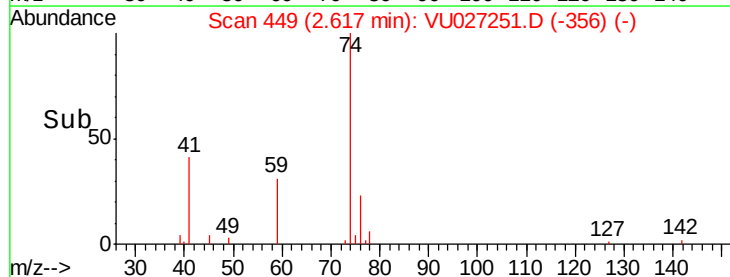
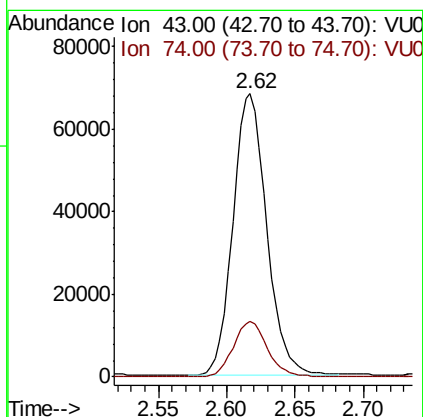
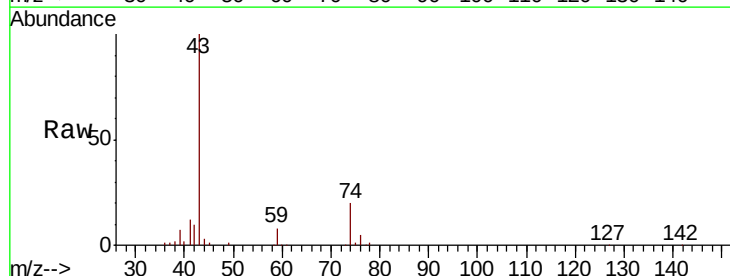
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW311I-20180919MS

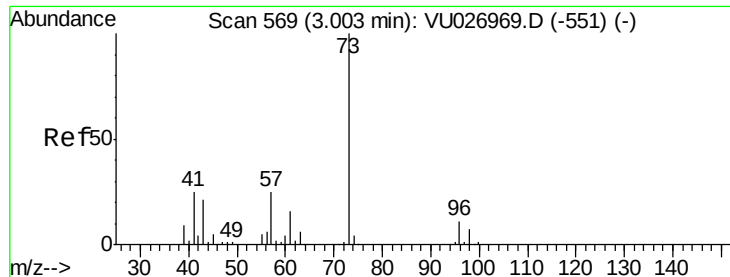
Tot Ion: 76 Resp: 177166
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 54.138 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU027251.D
Acq: 28 Sep 2018 02:02

Tgt Ion: 43 Resp: 116795
Ion Ratio Lower Upper
43 100
74 20.1 16.6 25.0

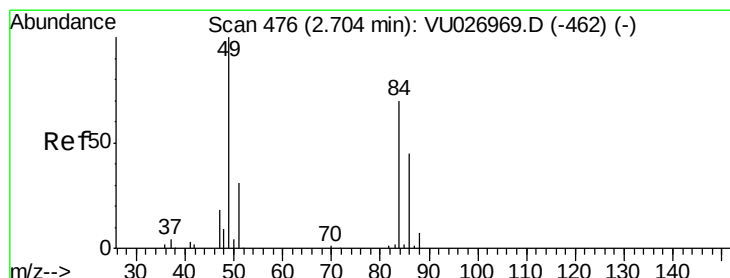
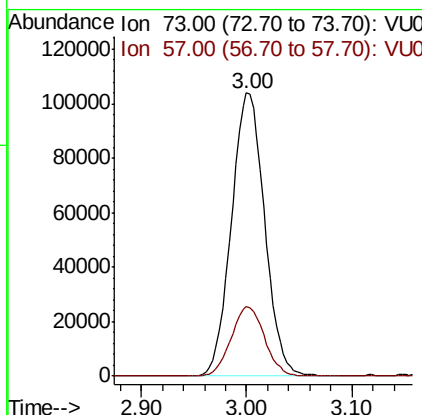
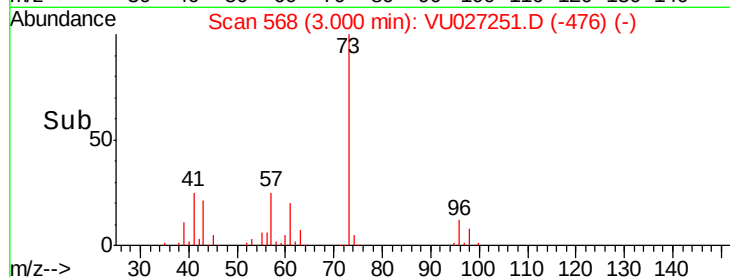
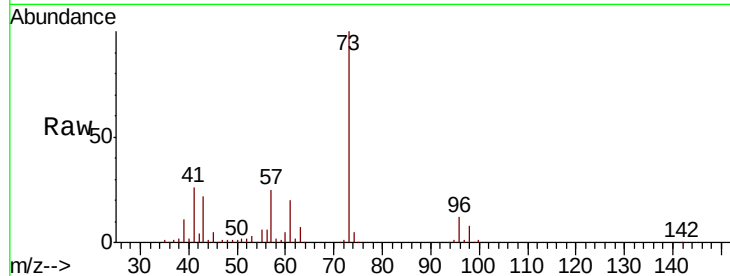




#19
Methyl tert-butyl Ether
Concen: 59.486 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027251.D
Acq: 28 Sep 2018 02:02

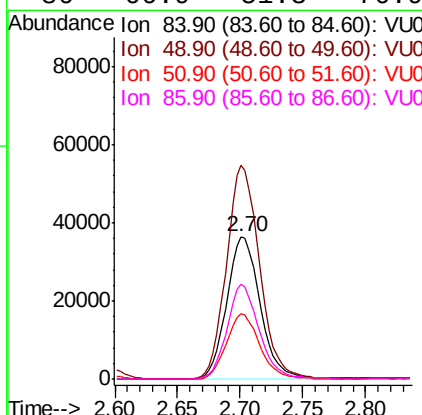
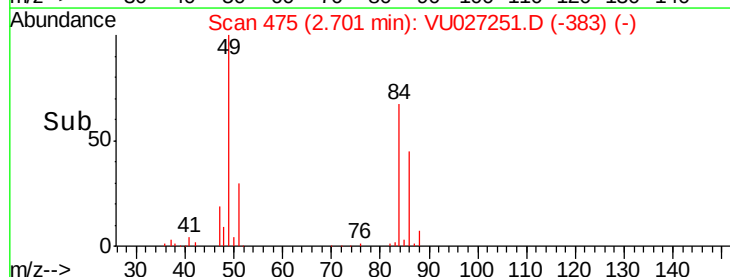
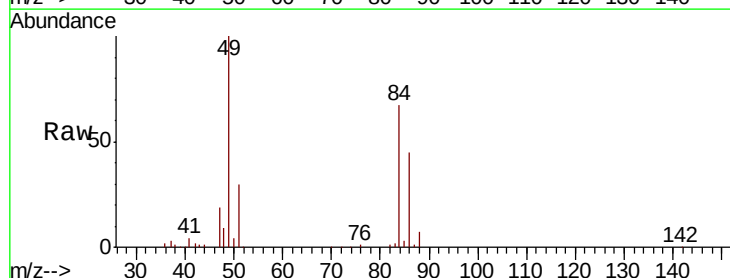
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW311I-20180919MS

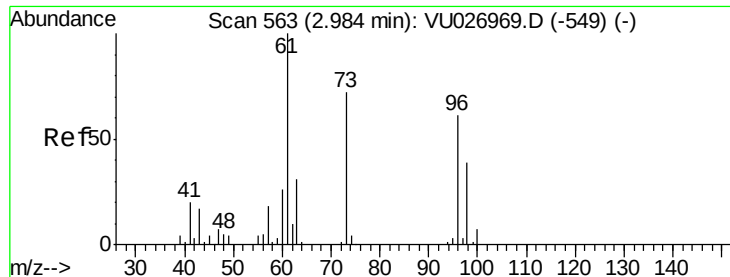
Tot Ion: 73 Resp: 227371
Ion Ratio Lower Upper
73 100
57 24.5 19.8 29.6



#20
Methylene Chloride
Concen: 49.937 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027251.D
Acq: 28 Sep 2018 02:02

Tgt Ion: 84 Resp: 67786
Ion Ratio Lower Upper
84 100
49 150.3 114.9 172.3
51 45.8 35.8 53.8
86 66.9 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 53.353 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027251.D

Acq: 28 Sep 2018 02:02

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW311I-20180919MS

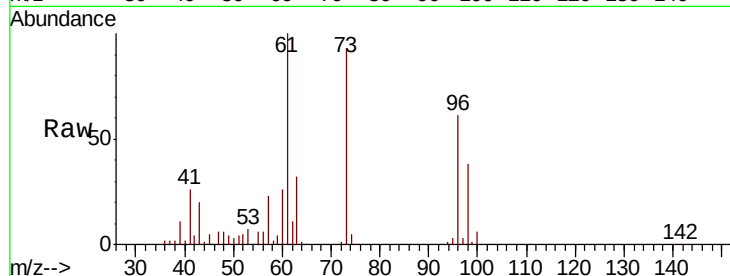
Tot Ion: 96 Resp: 59249

Ion Ratio Lower Upper

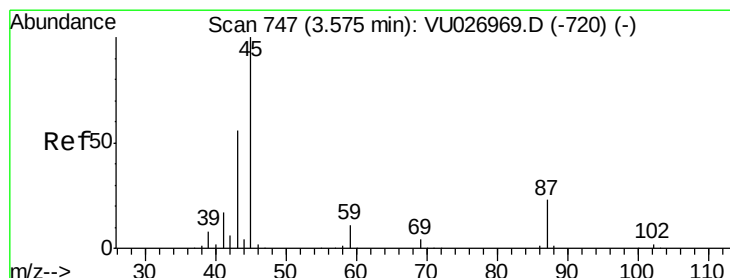
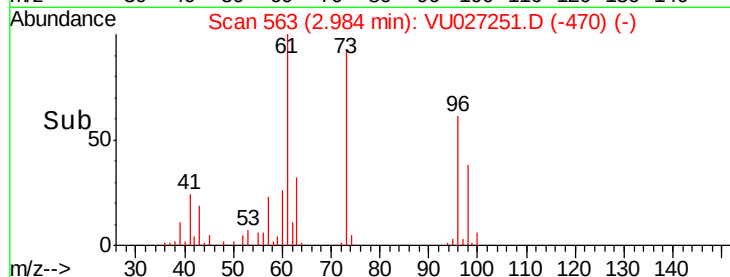
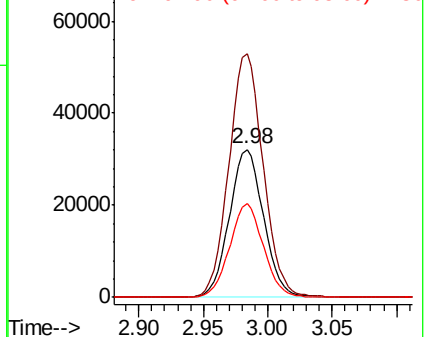
96 100

61 164.7 131.8 197.6

98 63.3 50.9 76.3



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



#22

Diisopropyl ether

Concen: 58.179 ug/l

RT: 3.58 min Scan# 747

Delta R.T. 0.00 min

Lab File: VU027251.D

Acq: 28 Sep 2018 02:02

Tgt Ion: 45 Resp: 262522

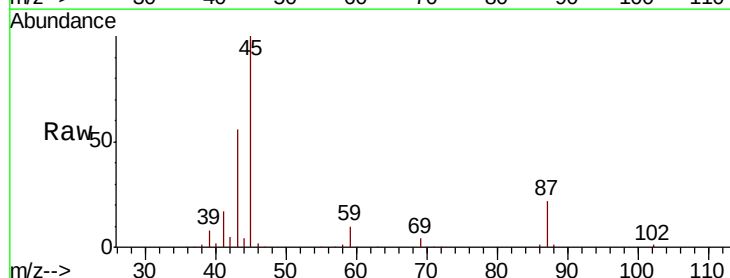
Ion Ratio Lower Upper

45 100

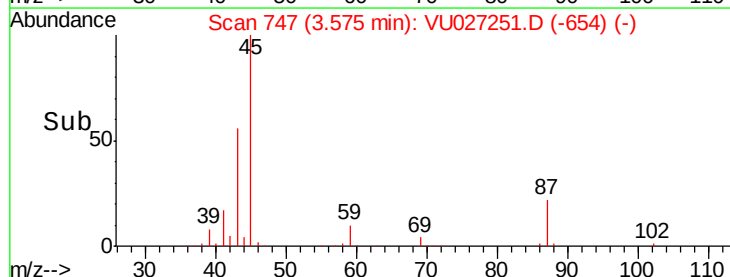
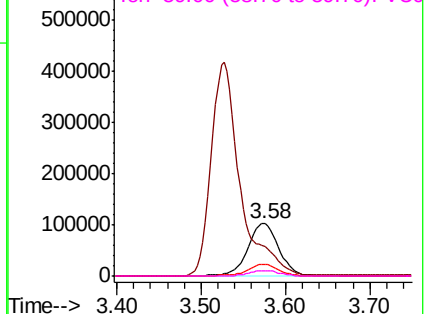
43 54.1 45.8 68.6

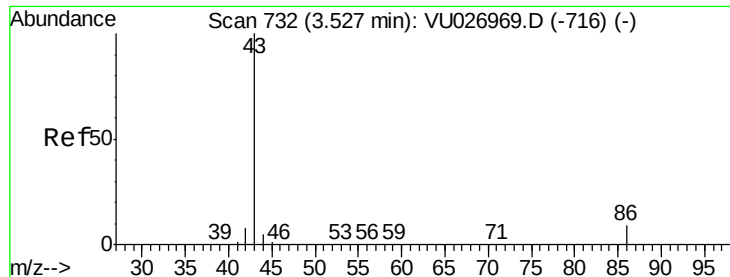
87 21.9 18.6 28.0

59 10.4 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 260.536 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU027251.D

Acq: 28 Sep 2018 02:02

Instrument :

MSVOA_U

ClientSampleId :

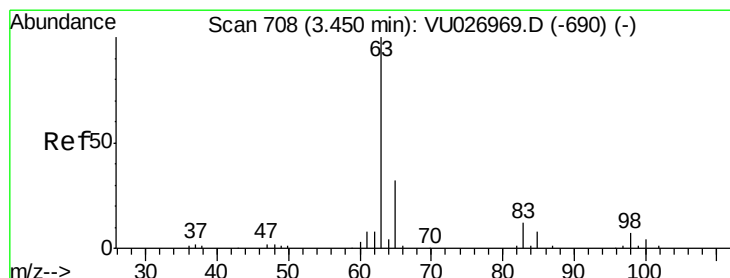
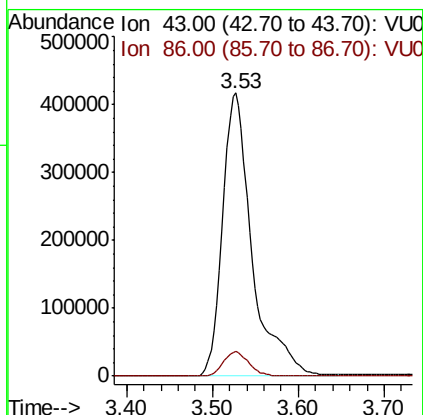
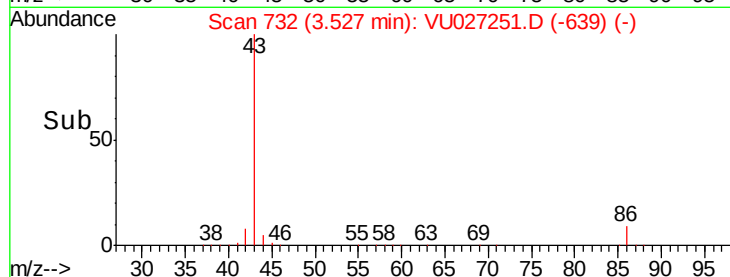
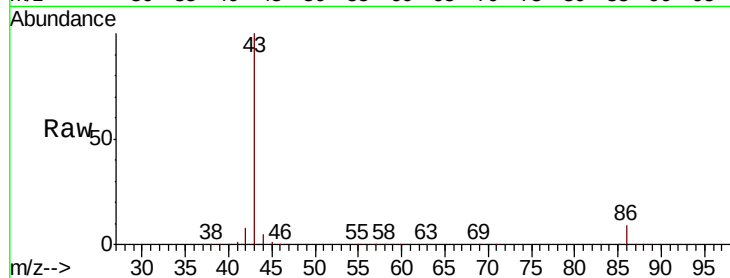
BPSI-TT-MW311I-20180919MS

Tot Ion: 43 Resp: 1002125

Ion Ratio Lower Upper

43 100

86 8.6 7.2 10.8



#24

1,1-Dichloroethane

Concen: 54.519 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027251.D

Acq: 28 Sep 2018 02:02

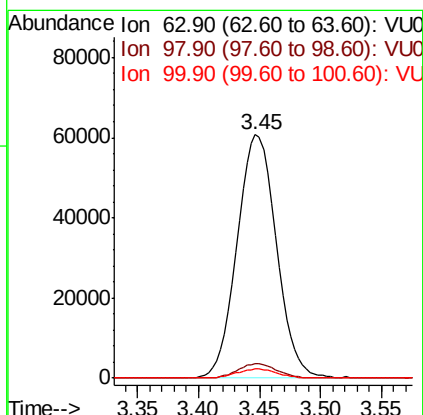
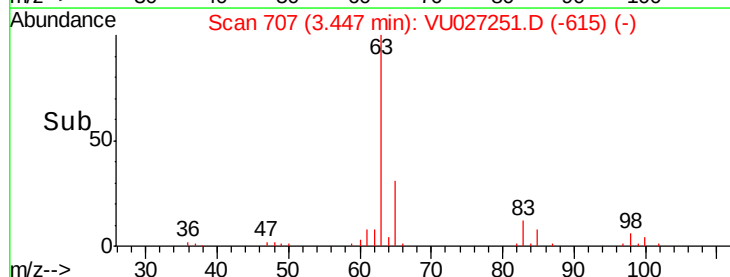
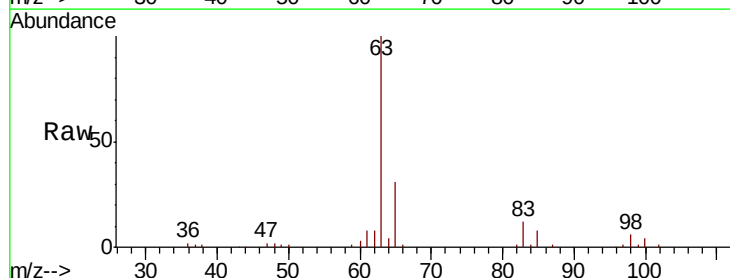
Tgt Ion: 63 Resp: 135490

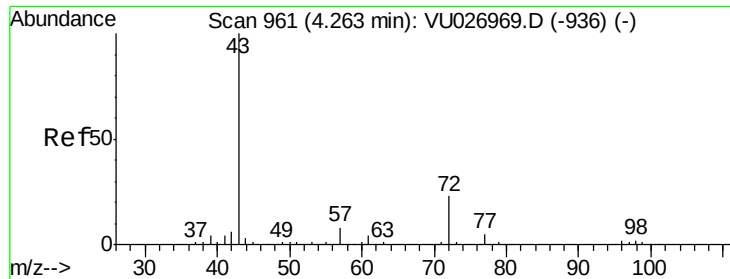
Ion Ratio Lower Upper

63 100

98 5.7 3.3 9.8

100 3.7 2.0 5.8





#25

2-Butanone

Concen: 269.596 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU027251.D

Acq: 28 Sep 2018 02:02

Instrument :

MSVOA_U

ClientSampleId :

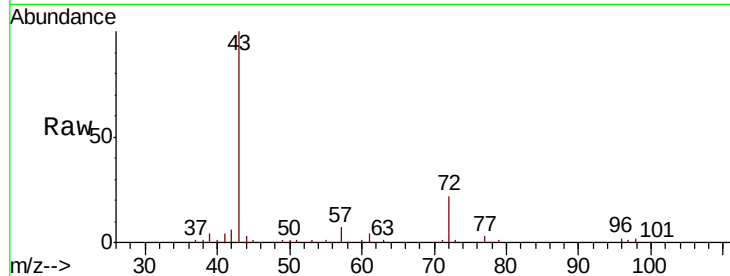
BPSI-TT-MW311I-20180919MS

Tot Ion: 43 Resp: 343409

Ion Ratio Lower Upper

43 100

72 22.4 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

150000

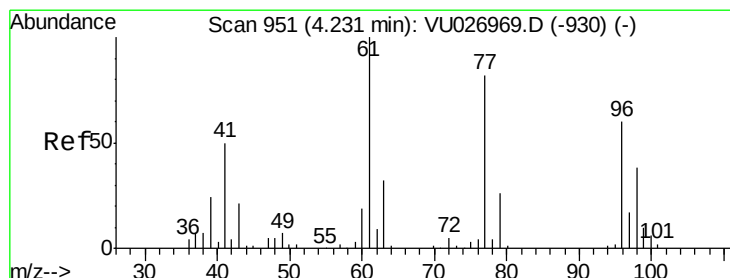
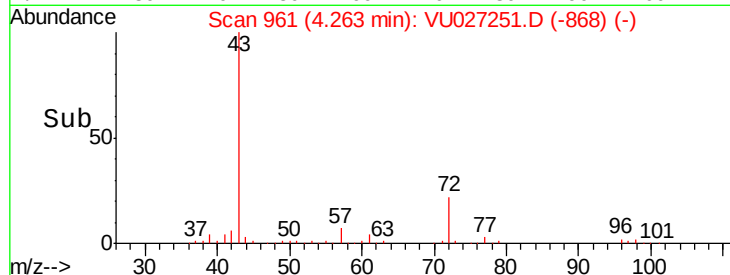
100000

50000

0

4.10 4.20 4.30 4.40

Time-->



#26

2,2-Dichloropropane

Concen: 41.911 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027251.D

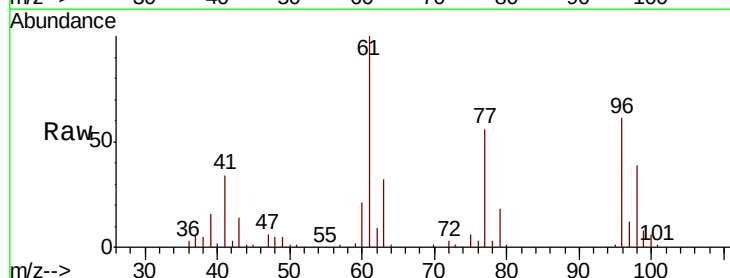
Acq: 28 Sep 2018 02:02

Tgt Ion: 77 Resp: 81230

Ion Ratio Lower Upper

77 100

97 22.4 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

30000

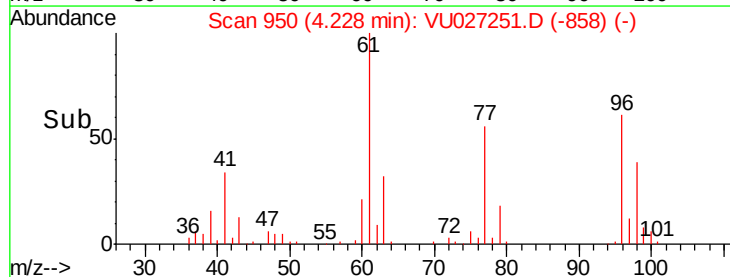
20000

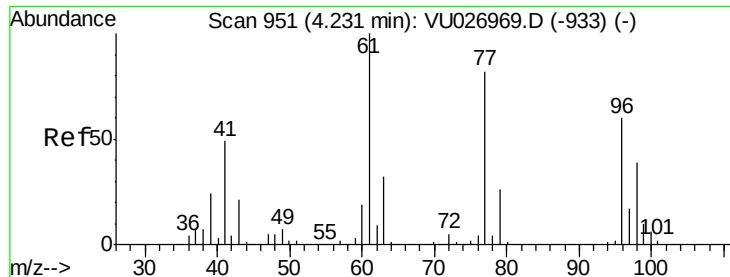
10000

0

4.10 4.20 4.30

Time-->



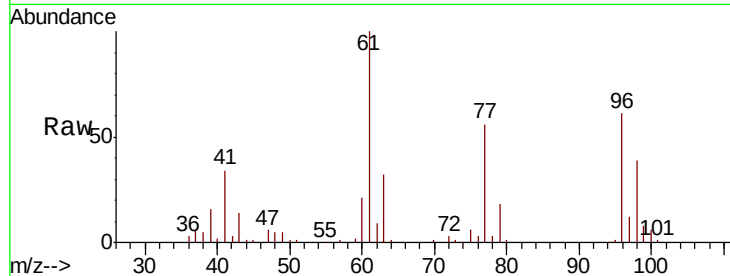


#27

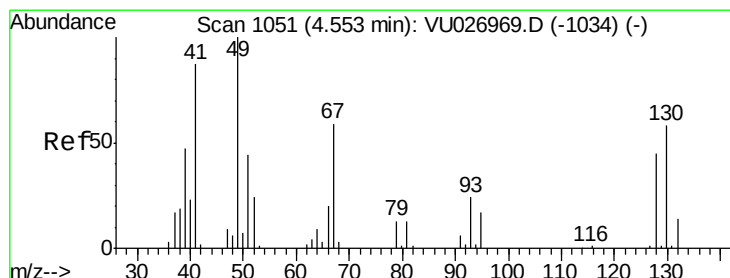
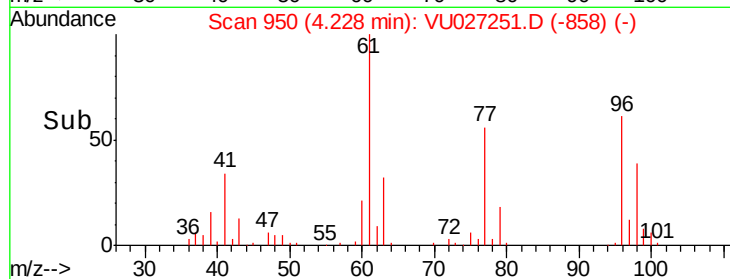
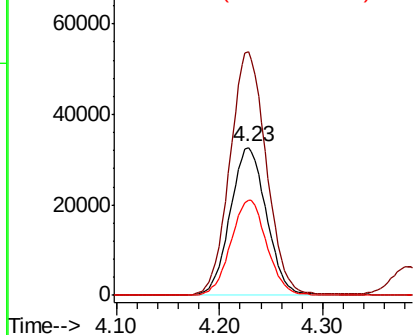
cis-1,2-Dichloroethene
Concen: 63.735 ug/l
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027251.D
Acq: 28 Sep 2018 02:02

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW311I-20180919MS

Tot Ion: 96 Resp: 79932
Ion Ratio Lower Upper
96 100
61 165.4 0.0 337.2
98 64.1 0.0 127.6



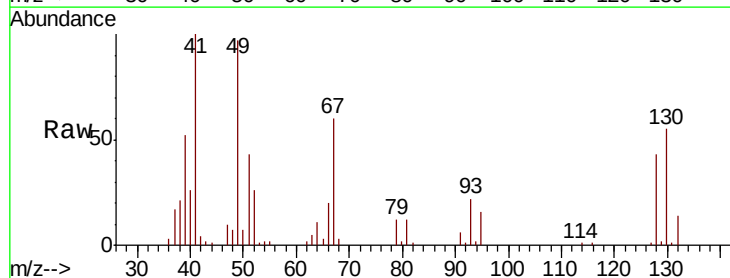
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



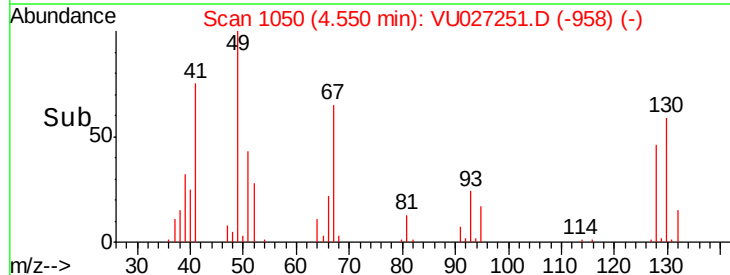
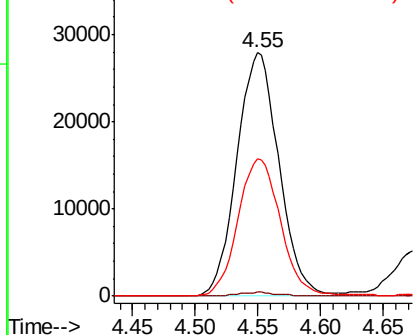
#28

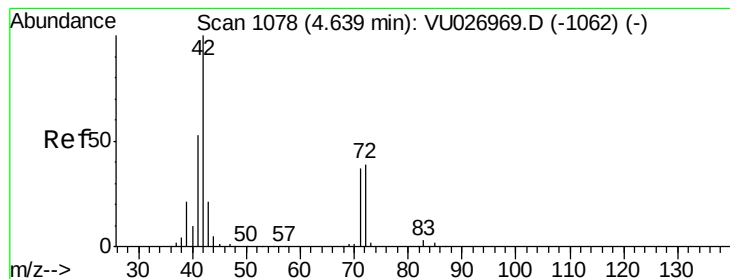
Bromochloromethane
Concen: 54.376 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU027251.D
Acq: 28 Sep 2018 02:02

Tgt Ion: 49 Resp: 65141
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.0
130 56.9 47.8 71.8



Abundance Ion 48.90 (48.60 to 49.60): VU0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 293.207 ug/l

RT: 4.64 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VU027251.D

Acq: 28 Sep 2018 02:02

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW311I-20180919MS

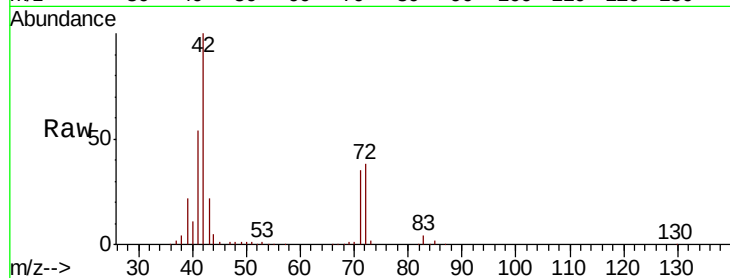
Tot Ion: 42 Resp: 225933

Ion Ratio Lower Upper

42 100

72 38.1 31.7 47.5

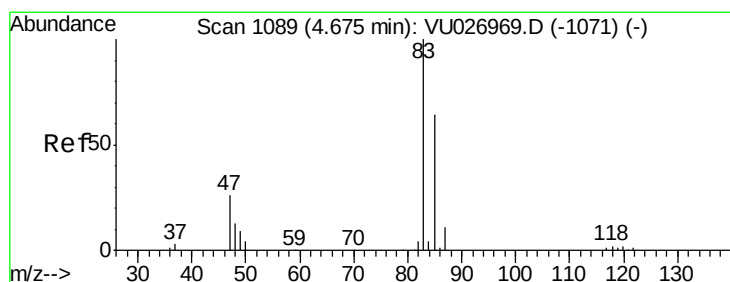
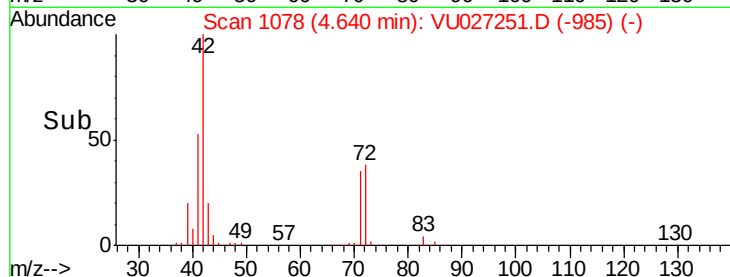
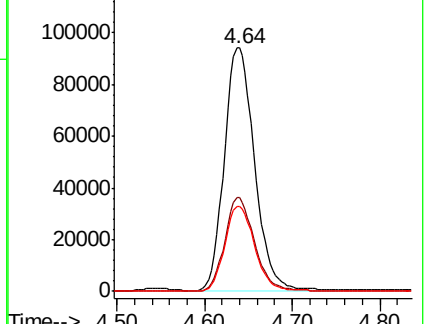
71 34.7 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#30

Chloroform

Concen: 54.518 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VU027251.D

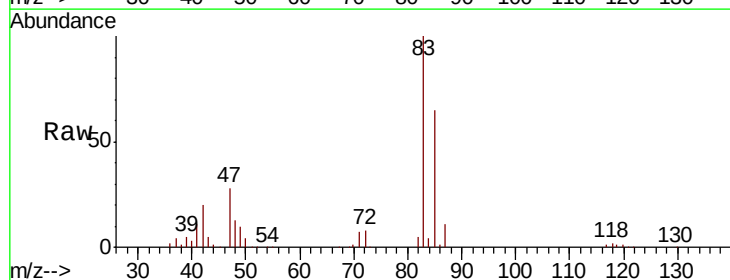
Acq: 28 Sep 2018 02:02

Tgt Ion: 83 Resp: 125766

Ion Ratio Lower Upper

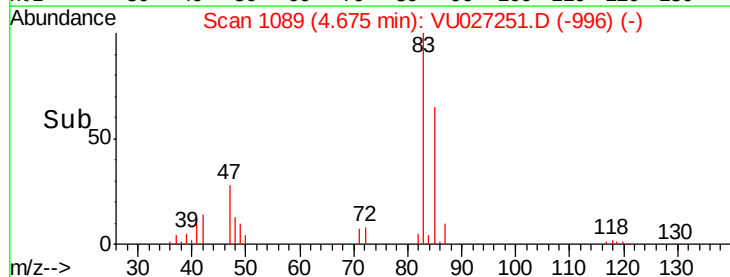
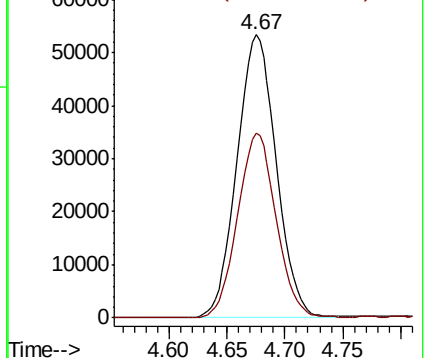
83 100

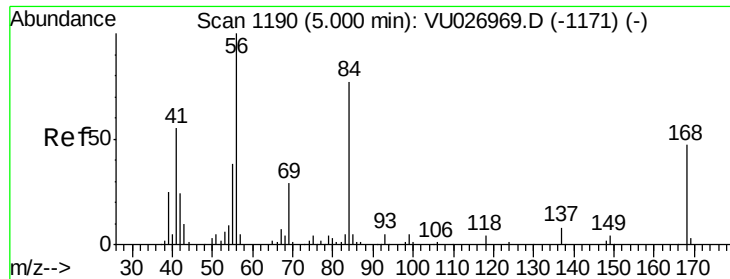
85 65.2 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

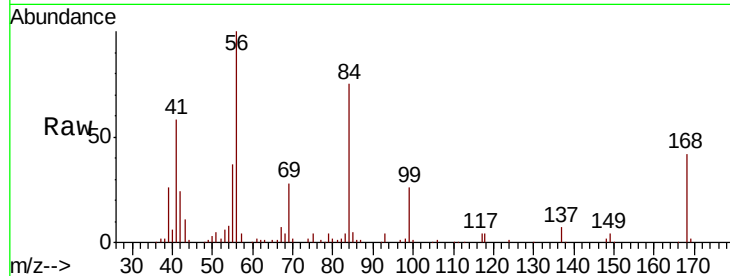




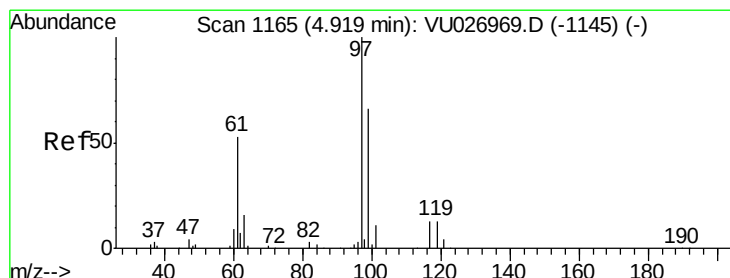
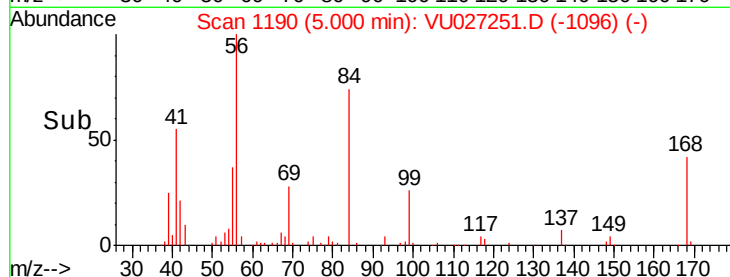
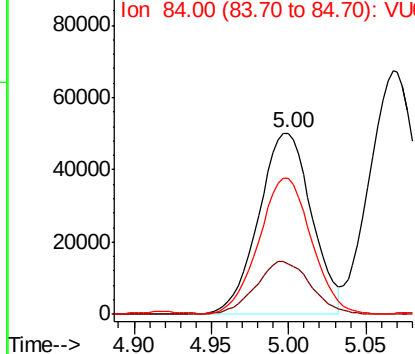
#31
Cyclohexane
Concen: 53.153 ug/l
RT: 5.00 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VU027251.D
Acq: 28 Sep 2018 02:02

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW311I-20180919MS

Tot Ion: 56 Resp: 119996
Ion Ratio Lower Upper
56 100
69 27.9 23.0 34.4
84 74.1 61.4 92.2

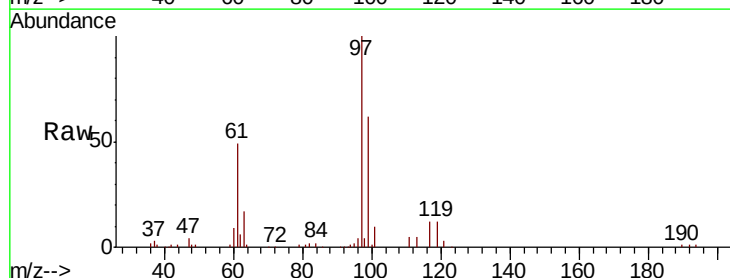


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

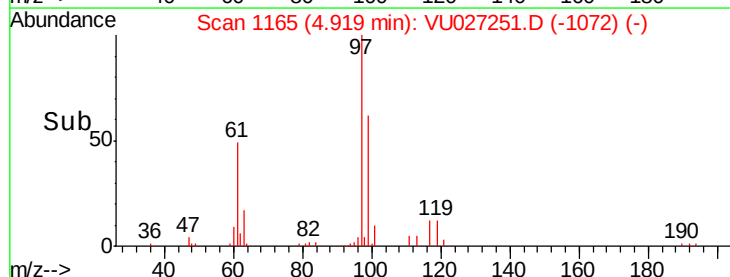
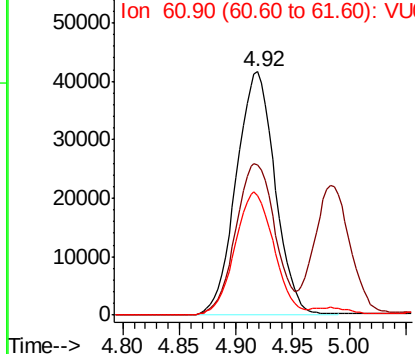


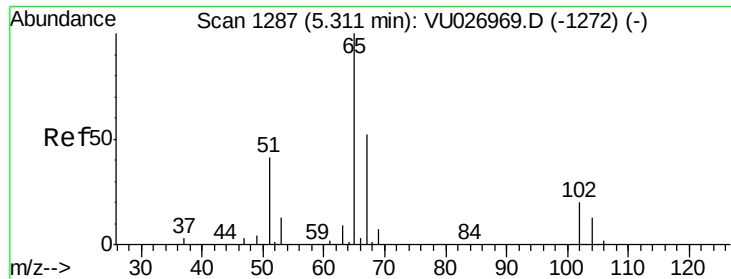
#32
1,1,1-Trichloroethane
Concen: 54.142 ug/l
RT: 4.92 min Scan# 1165
Delta R.T. 0.00 min
Lab File: VU027251.D
Acq: 28 Sep 2018 02:02

Tgt Ion: 97 Resp: 99722
Ion Ratio Lower Upper
97 100
99 63.3 51.8 77.6
61 50.7 41.1 61.7



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0

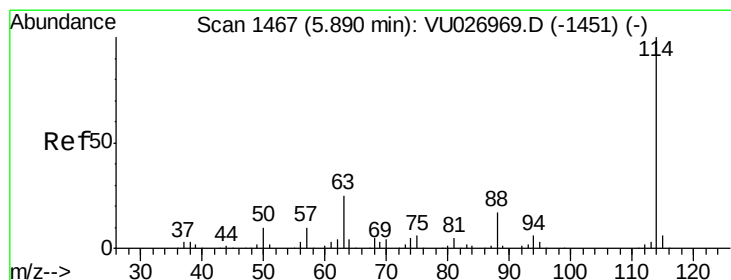
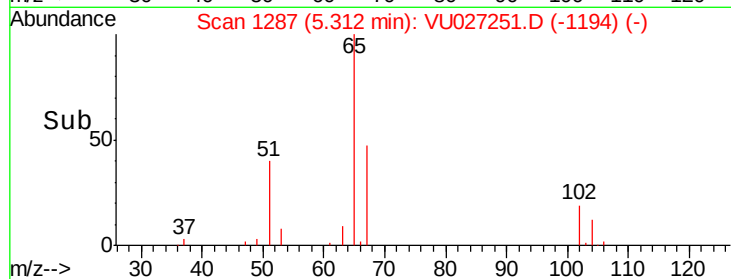
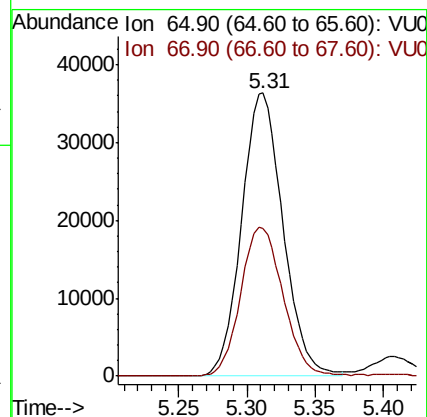
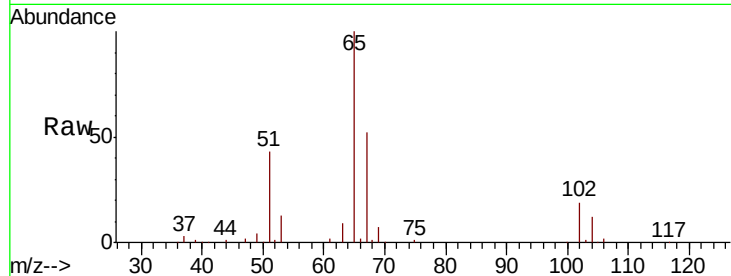




#33
 1,2-Dichloroethane-d4
 Concen: 50.546 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027251.D
 Acq: 28 Sep 2018 02:02

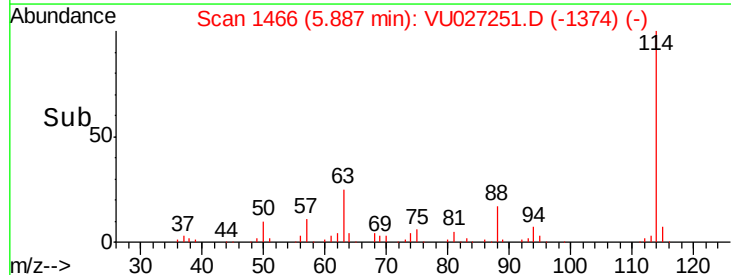
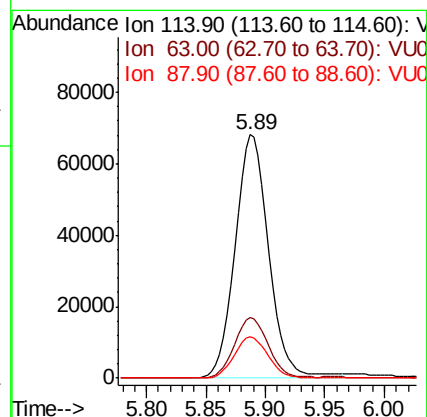
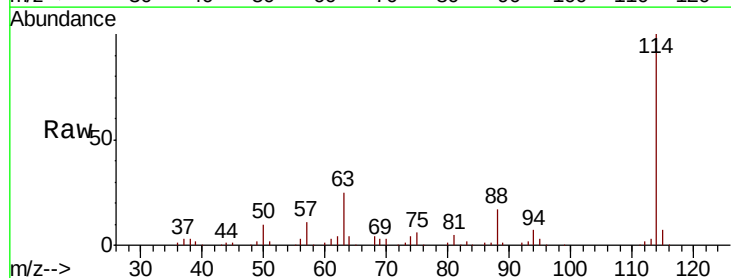
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW311I-20180919MS

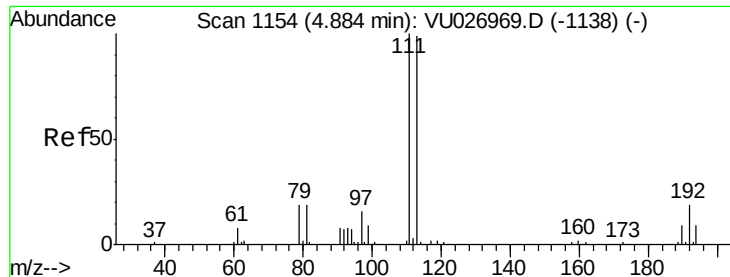
Tot Ion: 65 Resp: 76613
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027251.D
 Acq: 28 Sep 2018 02:02

Tgt Ion: 114 Resp: 133598
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 49.2
 88 17.1 0.0 33.8

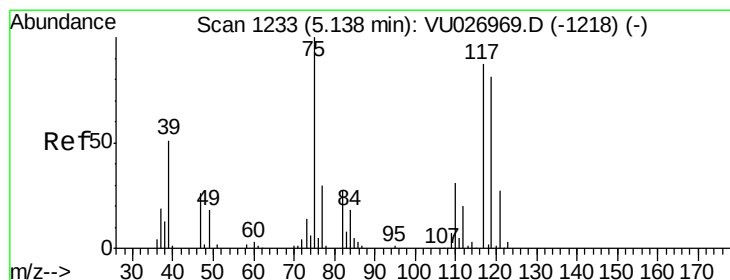
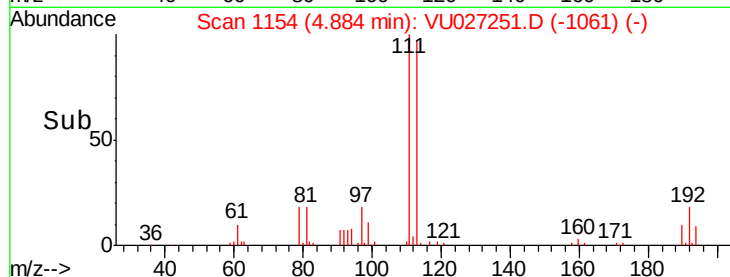
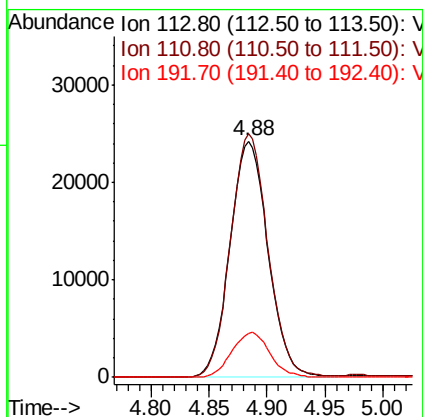
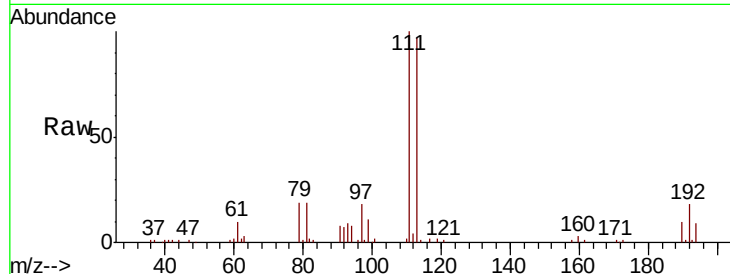




#35
 Dibromofluoromethane
 Concen: 47.827 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027251.D
 Acq: 28 Sep 2018 02:02

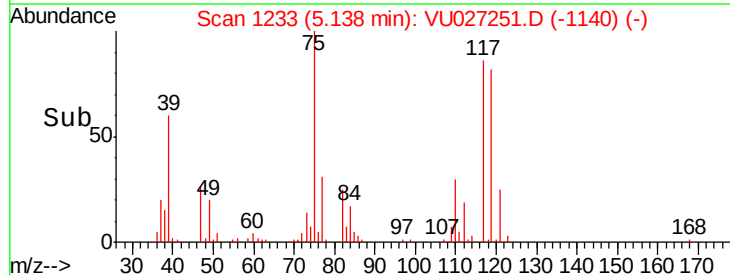
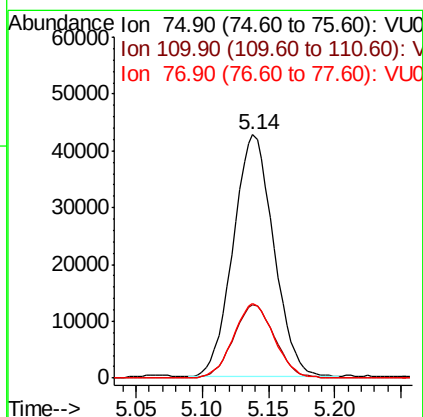
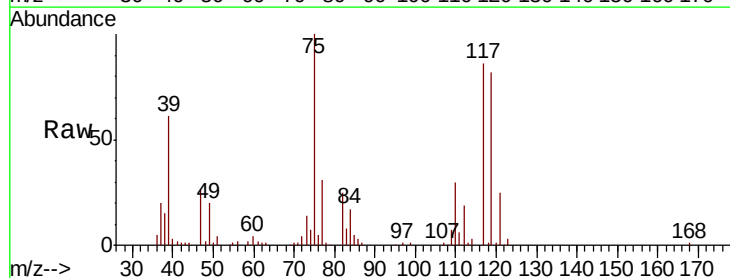
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW311I-20180919MS

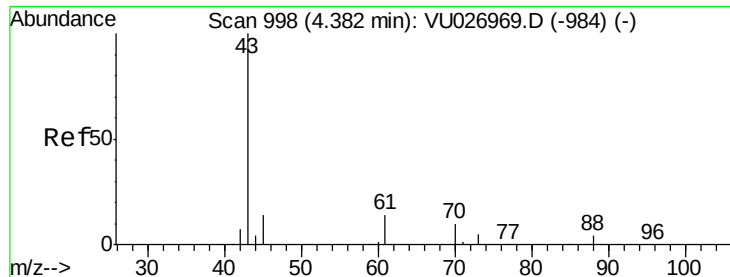
Tot Ion:113 Resp: 55385
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.2 123.4
 192 18.8 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 50.555 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU027251.D
 Acq: 28 Sep 2018 02:02

Tgt Ion: 75 Resp: 90140
 Ion Ratio Lower Upper
 75 100
 110 31.0 16.1 48.2
 77 30.4 24.6 36.8

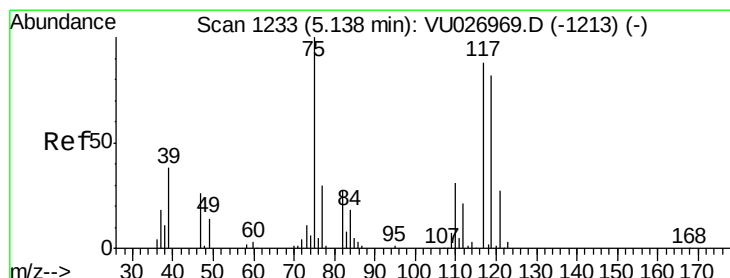
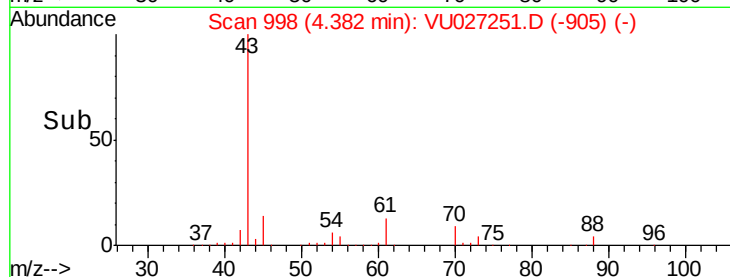
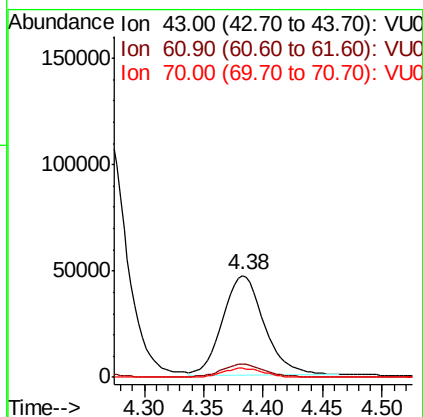
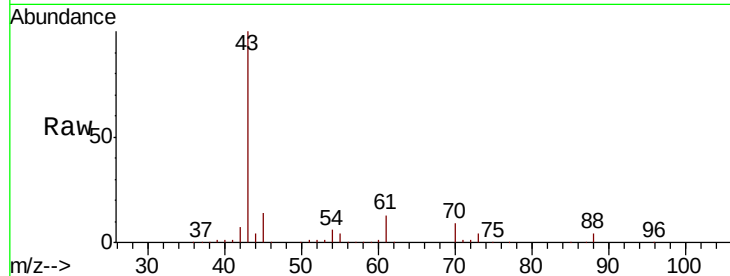




#37
Ethyl Acetate
Concen: 47.143 ug/l
RT: 4.38 min Scan# 998
Delta R.T. 0.00 min
Lab File: VU027251.D
Acq: 28 Sep 2018 02:02

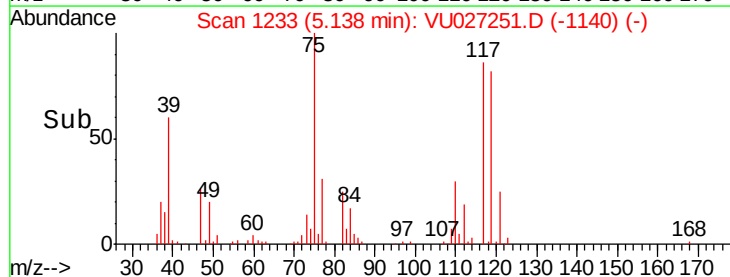
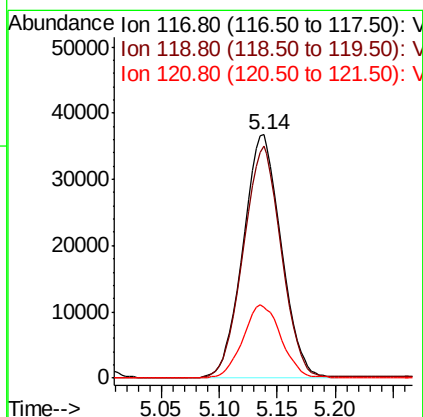
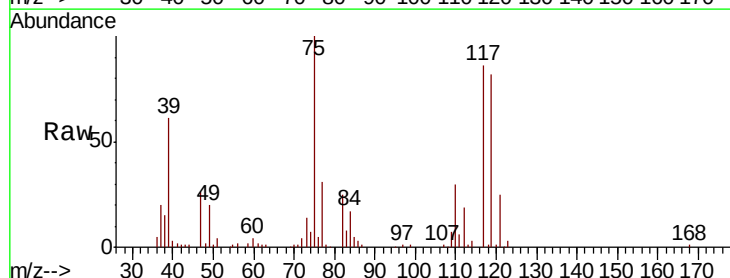
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW311I-20180919MS

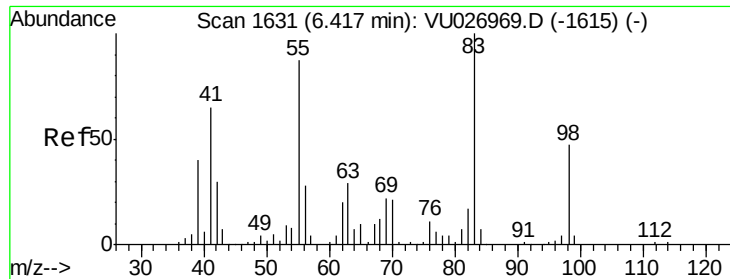
Tot Ion: 43 Resp: 113790
Ion Ratio Lower Upper
43 100
61 13.6 10.5 15.7
70 9.1 7.4 11.0



#38
Carbon Tetrachloride
Concen: 49.813 ug/l
RT: 5.14 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VU027251.D
Acq: 28 Sep 2018 02:02

Tgt Ion: 117 Resp: 84522
Ion Ratio Lower Upper
117 100
119 95.4 74.4 111.6
121 29.3 24.2 36.4

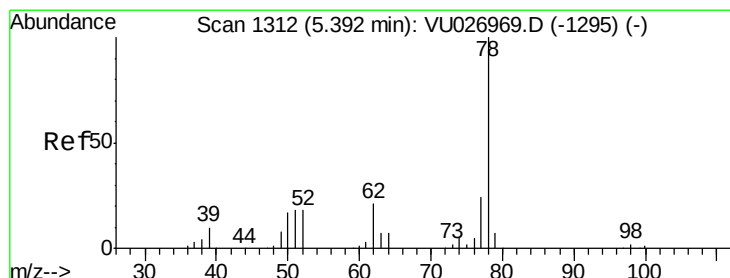
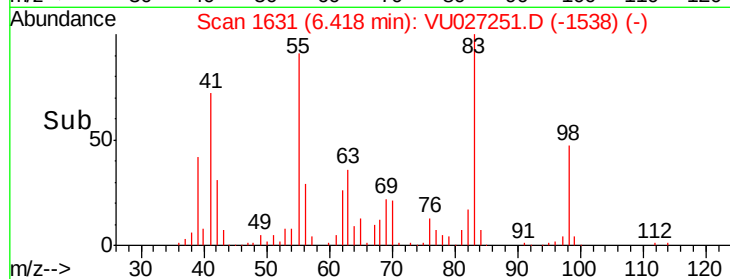
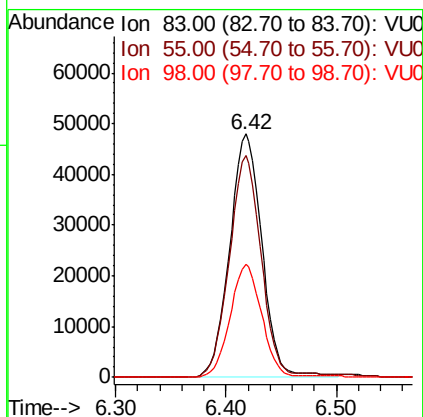
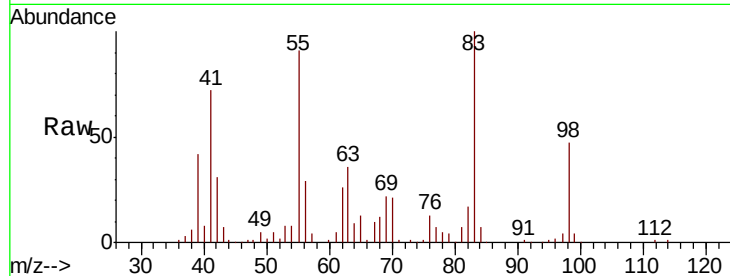




#39
Methylvlcyclohexane
Concen: 50.283 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027251.D
Acq: 28 Sep 2018 02:02

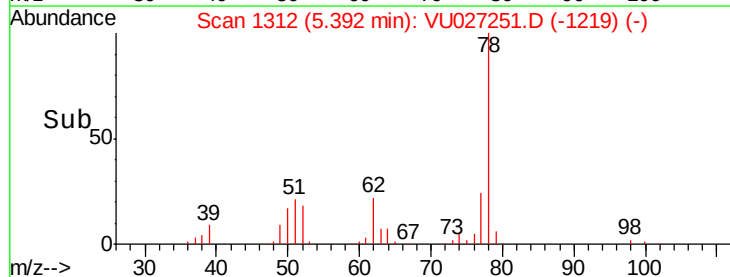
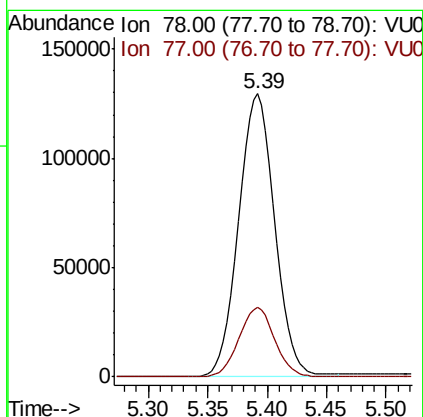
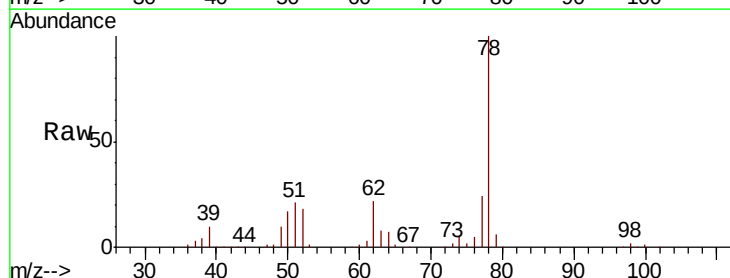
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW311I-20180919MS

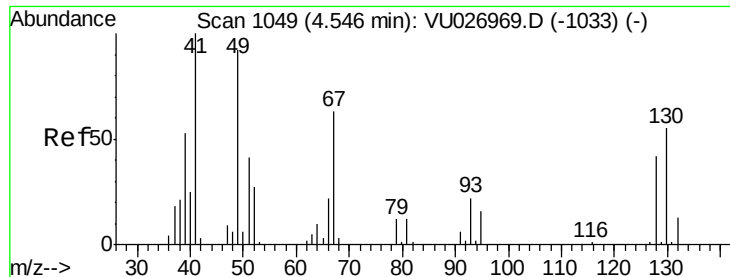
Tot Ion: 83 Resp: 97430
Ion Ratio Lower Upper
83 100
55 91.2 69.9 104.9
98 46.6 37.5 56.3



#40
Benzene
Concen: 50.454 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027251.D
Acq: 28 Sep 2018 02:02

Tgt Ion: 78 Resp: 273479
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0

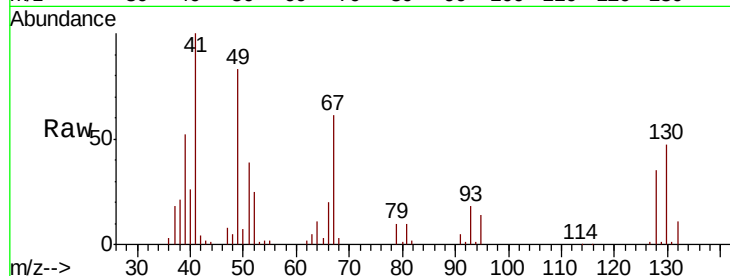




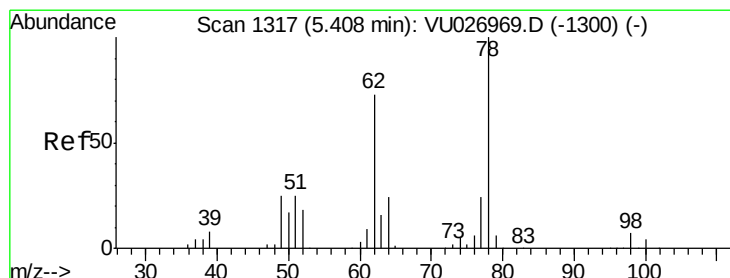
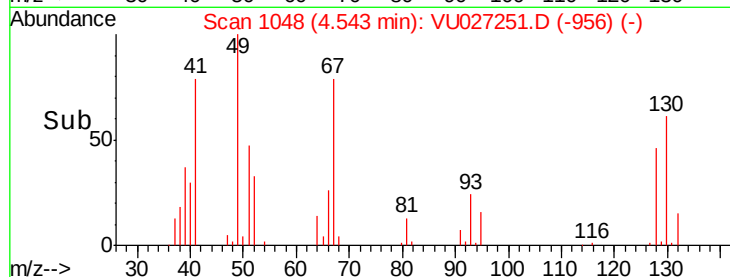
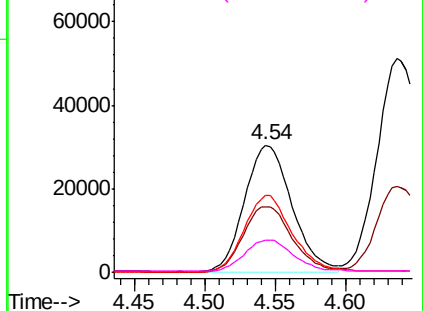
#41
Methacrylonitrile
Concen: 56.718 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027251.D
Acq: 28 Sep 2018 02:02

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW311I-20180919MS

Tot Ion:	41	Resp:	71099
Ion	Ratio	Lower	Upper
41	100		
39	54.5	42.9	64.3
67	62.3	52.4	78.6
52	26.2	21.3	31.9

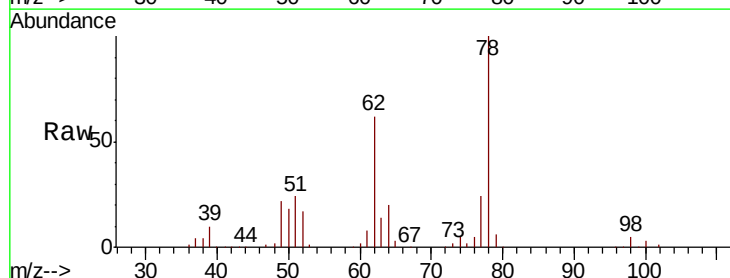


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

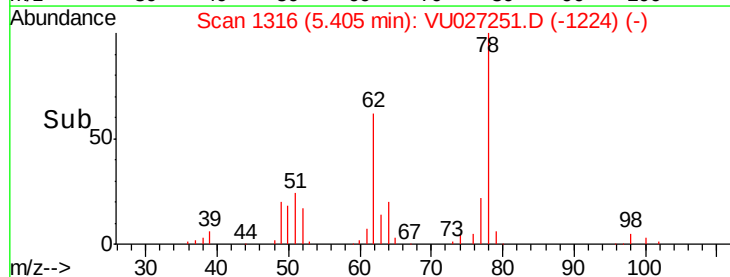
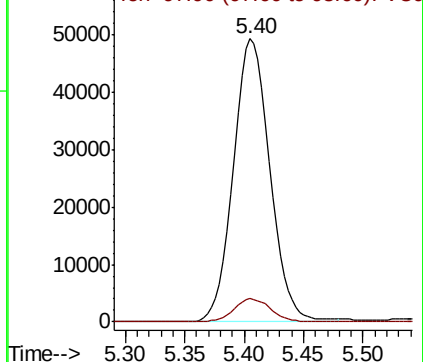


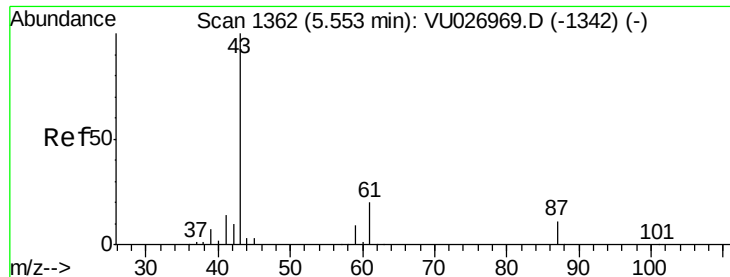
#42
1,2-Dichloroethane
Concen: 51.358 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027251.D
Acq: 28 Sep 2018 02:02

Tgt Ion:	62	Resp:	105175
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.0



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





#43

Isopropyl Acetate

Concen: 51.423 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027251.D

Acq: 28 Sep 2018 02:02

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW311I-20180919MS

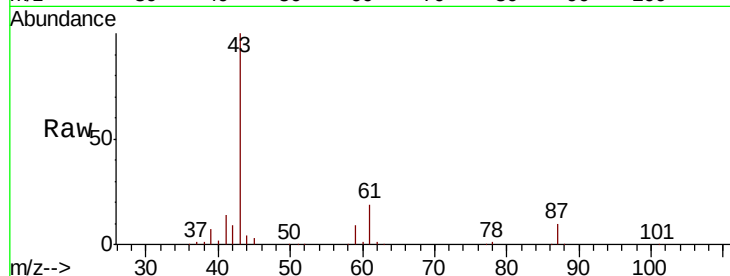
Tot Ion: 43 Resp: 181017

Ion Ratio Lower Upper

43 100

61 19.1 15.7 23.5

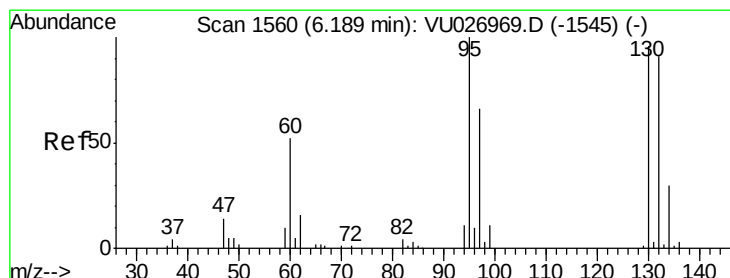
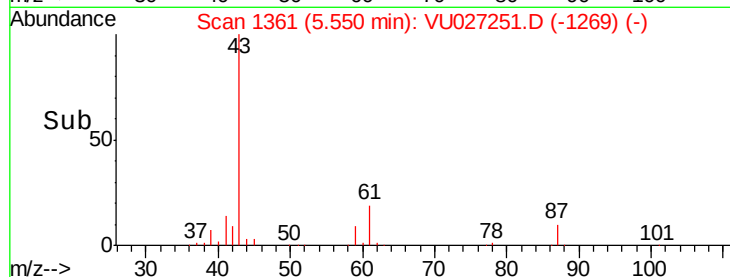
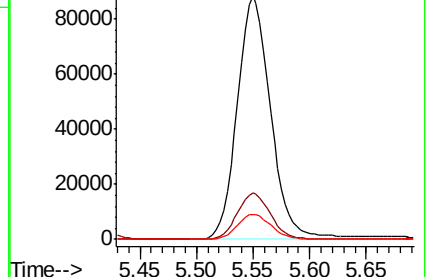
87 10.6 9.0 13.4



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

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

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



#44

Trichloroethene

Concen: 52.537 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU027251.D

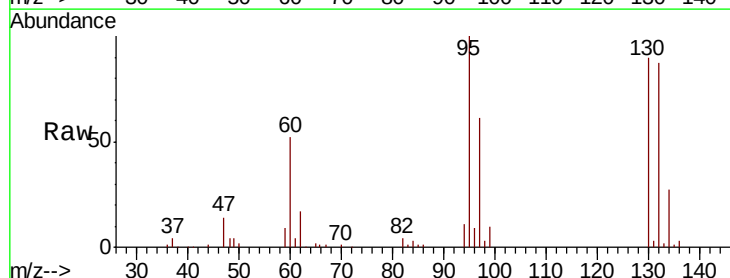
Acq: 28 Sep 2018 02:02

Tgt Ion:130 Resp: 60625

Ion Ratio Lower Upper

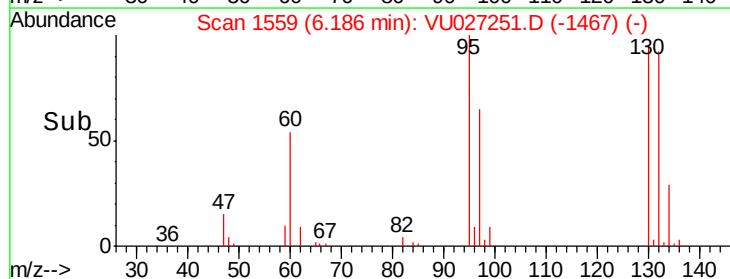
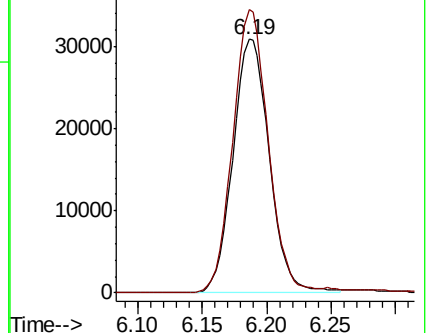
130 100

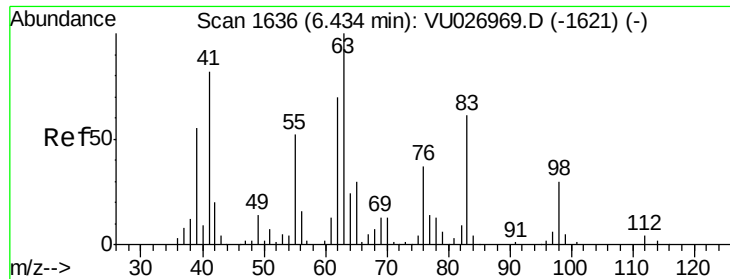
95 111.7 0.0 208.8



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

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





#45

1,2-Dichloropropane

Concen: 52.368 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU027251.D

Acq: 28 Sep 2018 02:02

Instrument :

MSVOA_U

ClientSampleId :

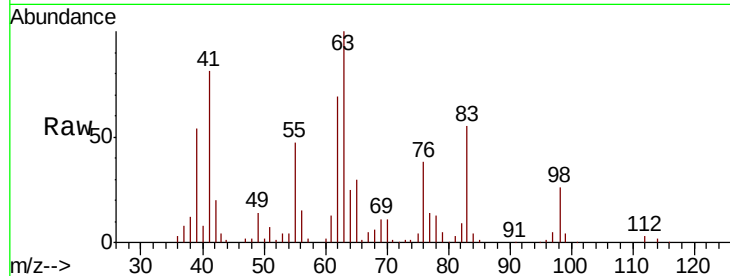
BPSI-TT-MW311I-20180919MS

Tot Ion: 63 Resp: 80879

Ion Ratio Lower Upper

63 100

65 30.5 24.3 36.5

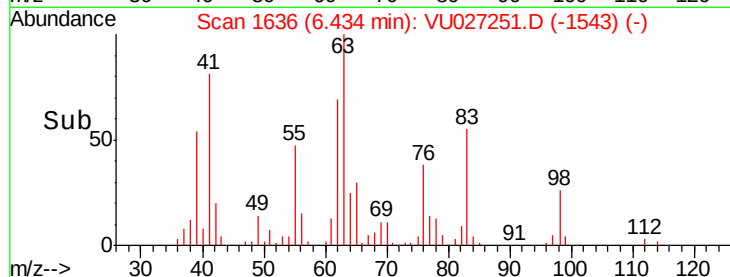


Abundance Ion 62.90 (62.60 to 63.60): VU027251.D (-1543) (-)

Ion 64.90 (64.60 to 65.60): VU027251.D (-1543) (-)

6.43

Time-->



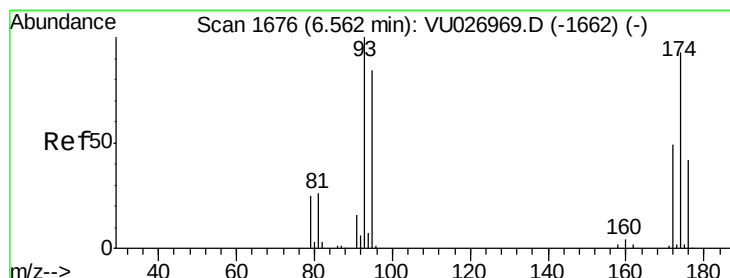
Abundance

Ion 62.90 (62.60 to 63.60): VU027251.D (-1543) (-)

Ion 64.90 (64.60 to 65.60): VU027251.D (-1543) (-)

6.43

Time-->



#46

Dibromomethane

Concen: 50.878 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. 0.00 min

Lab File: VU027251.D

Acq: 28 Sep 2018 02:02

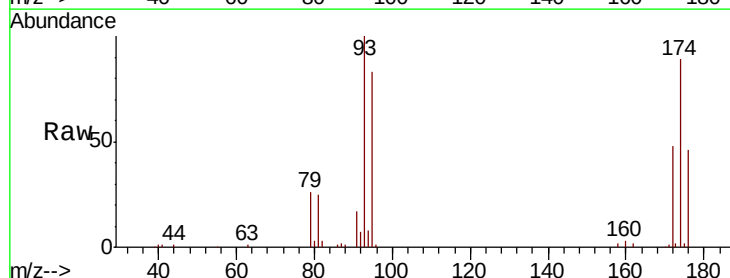
Tgt Ion: 93 Resp: 47457

Ion Ratio Lower Upper

93 100

95 81.3 66.2 99.4

174 86.4 71.7 107.5



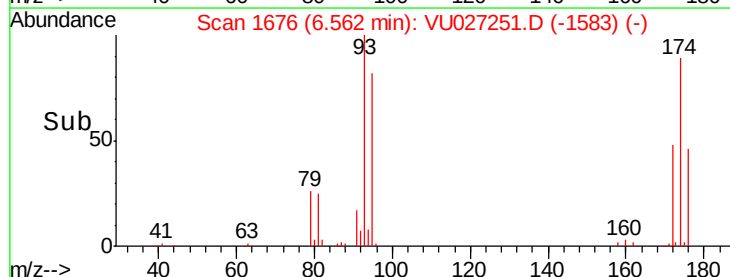
Abundance Ion 92.80 (92.50 to 93.50): VU027251.D (-1583) (-)

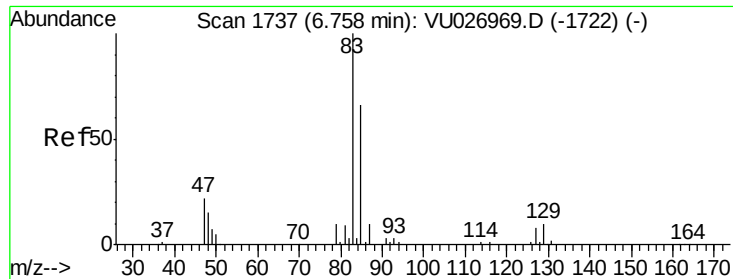
Ion 94.80 (94.50 to 95.50): VU027251.D (-1583) (-)

Ion 173.70 (173.40 to 174.40): VU027251.D (-1583) (-)

6.56

Time-->

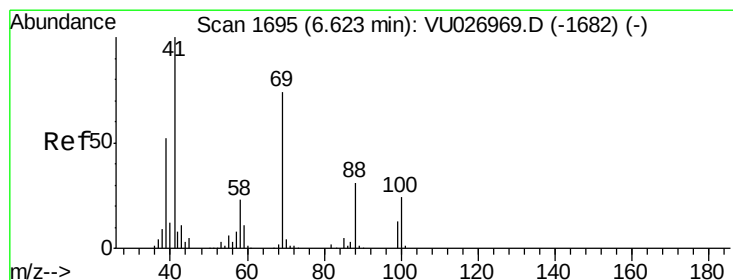
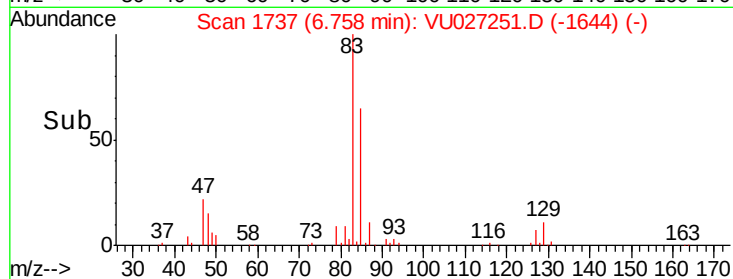
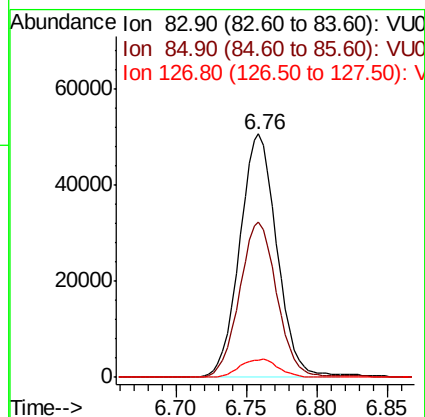
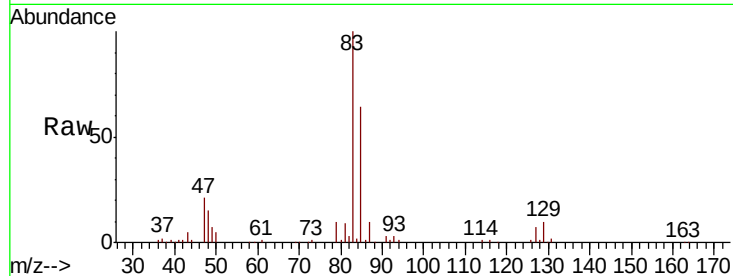




#47
Bromodichloromethane
Concen: 49.665 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VU027251.D
Acq: 28 Sep 2018 02:02

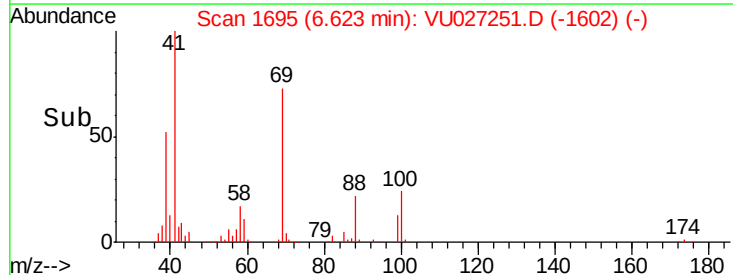
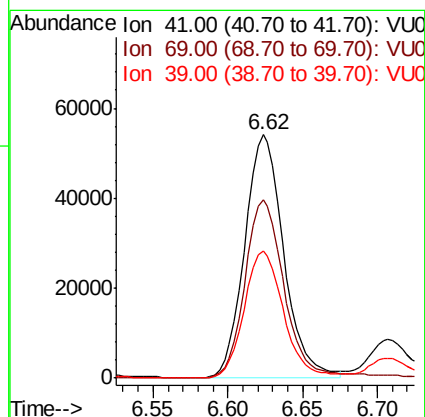
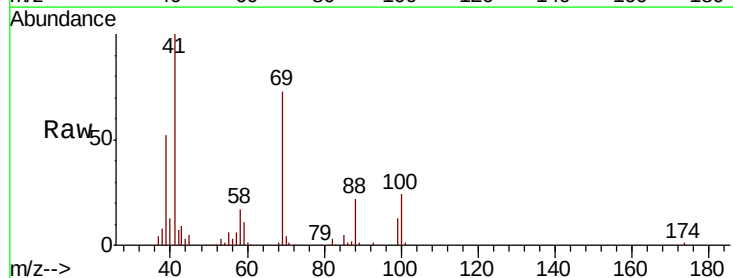
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW311I-20180919MS

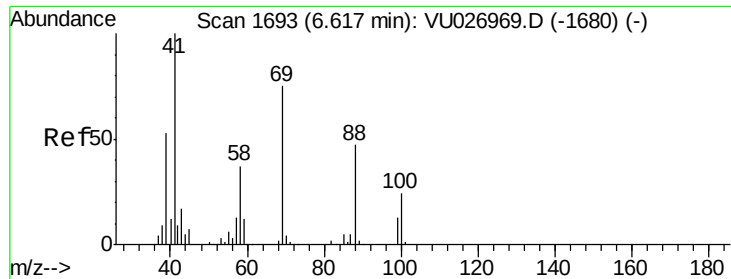
Tot Ion: 83 Resp: 93672
Ion Ratio Lower Upper
83 100
85 63.7 52.5 78.7
127 7.2 6.3 9.5



#48
Methyl methacrylate
Concen: 51.374 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU027251.D
Acq: 28 Sep 2018 02:02

Tgt Ion: 41 Resp: 98483
Ion Ratio Lower Upper
41 100
69 73.1 60.6 90.8
39 52.9 42.8 64.2

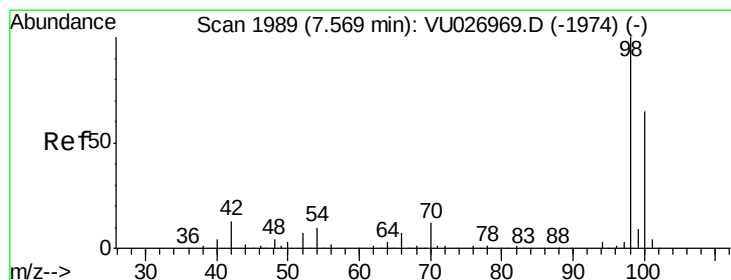
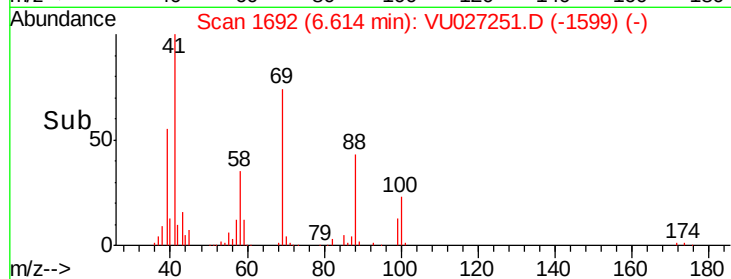
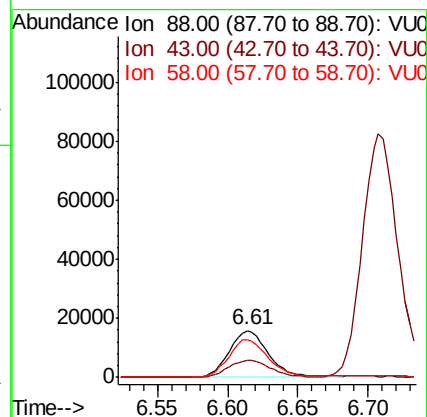
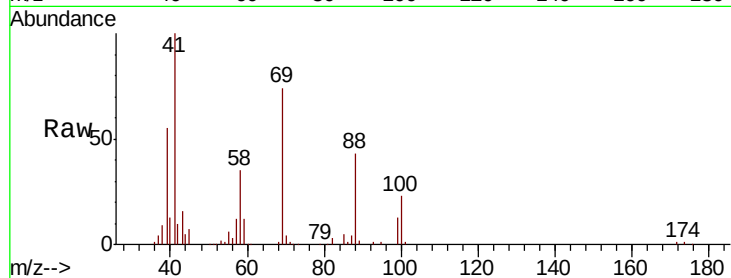




#49
1,4-Dioxane
Concen: 809.162 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027251.D
Acq: 28 Sep 2018 02:02

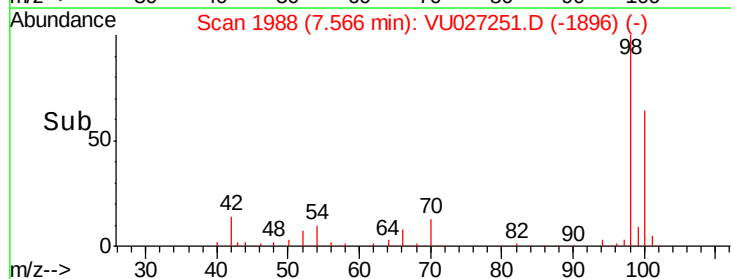
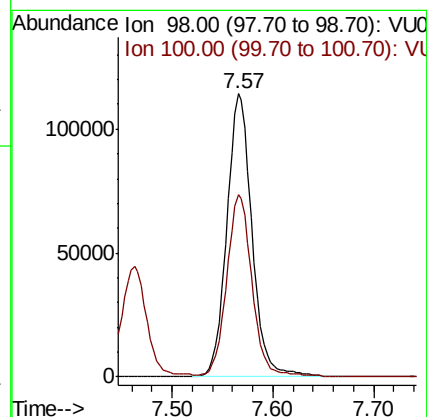
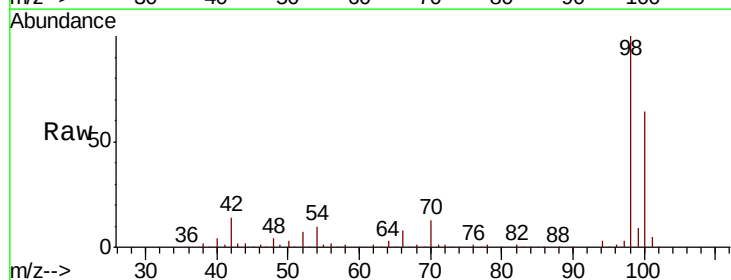
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW311I-20180919MS

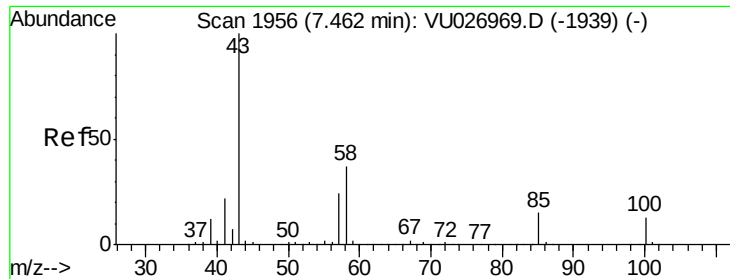
Tot Ion: 88 Resp: 30801
Ion Ratio Lower Upper
88 100
43 39.7 29.8 44.8
58 82.2 63.9 95.9



#50
Toluene-d8
Concen: 45.235 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027251.D
Acq: 28 Sep 2018 02:02

Tgt Ion: 98 Resp: 199634
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 276.559 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU027251.D

Acq: 28 Sep 2018 02:02

Instrument :

MSVOA_U

ClientSampleId :

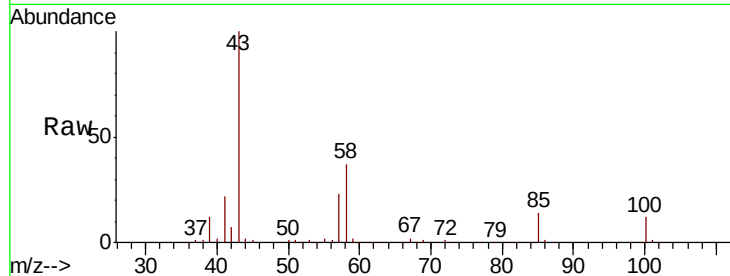
BPSI-TT-MW311I-20180919MS

Tot Ion: 43 Resp: 654756

Ion Ratio Lower Upper

43 100

58 36.9 29.8 44.6



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

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

7.46

400000

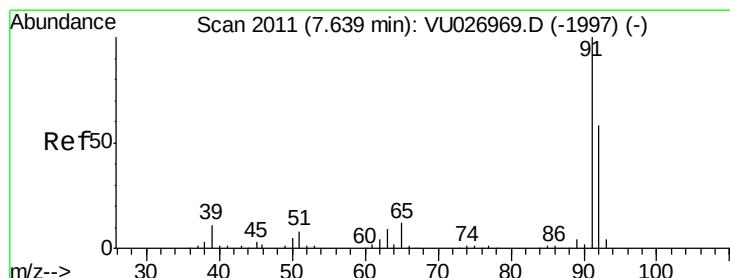
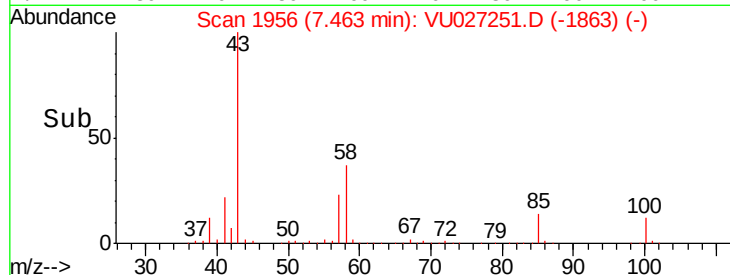
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.869 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027251.D

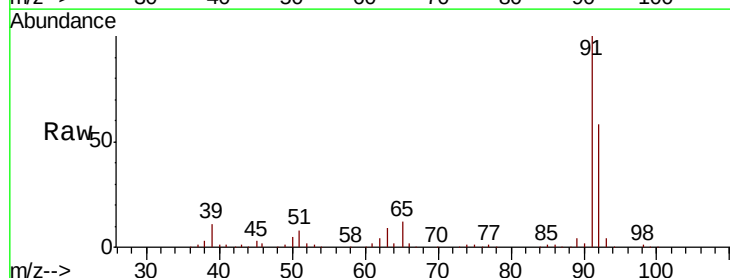
Acq: 28 Sep 2018 02:02

Tgt Ion: 92 Resp: 164260

Ion Ratio Lower Upper

92 100

91 172.0 136.4 204.6



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

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

7.64

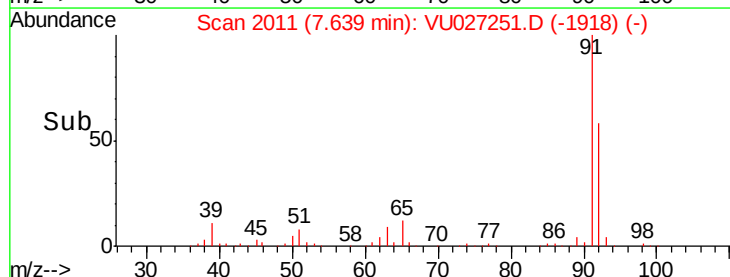
150000

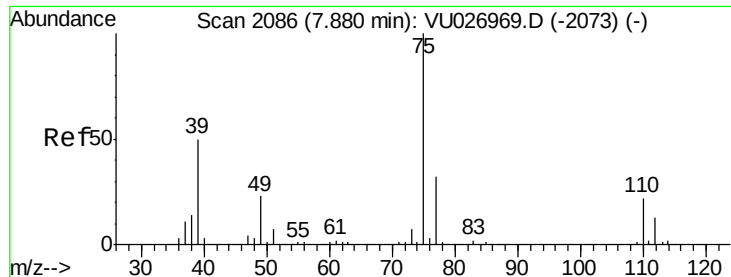
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 52.032 ug/l

RT: 7.88 min Scan# 2086

Delta R.T. 0.00 min

Lab File: VU027251.D

Acq: 28 Sep 2018 02:02

Instrument :

MSVOA_U

ClientSampleId :

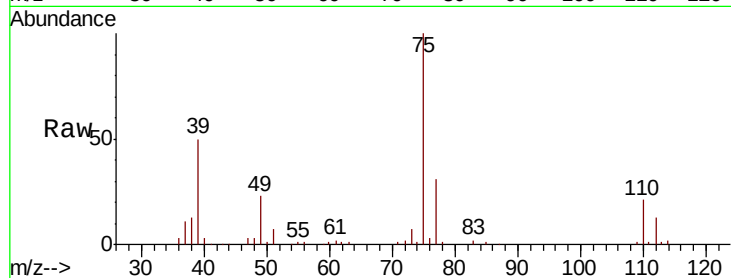
BPSI-TT-MW311I-20180919MS

Tot Ion: 75 Resp: 105440

Ion Ratio Lower Upper

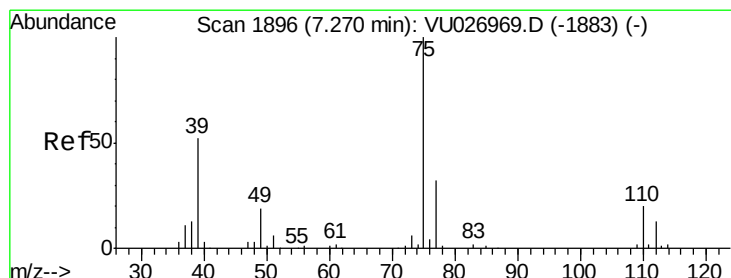
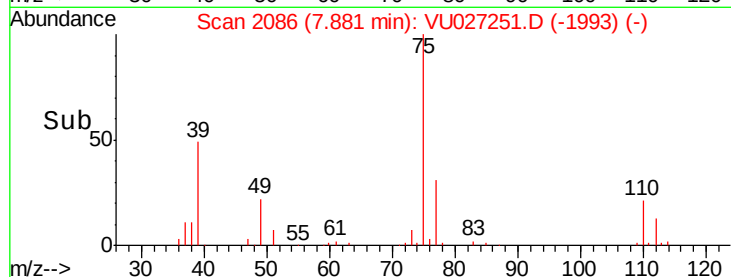
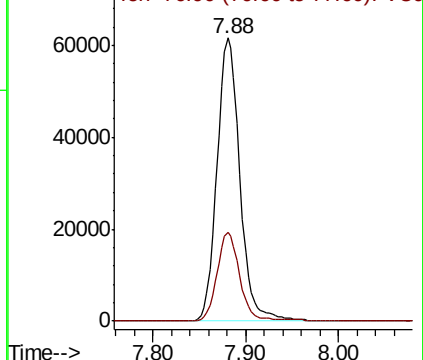
75 100

77 31.4 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 49.348 ug/l

RT: 7.27 min Scan# 1896

Delta R.T. 0.00 min

Lab File: VU027251.D

Acq: 28 Sep 2018 02:02

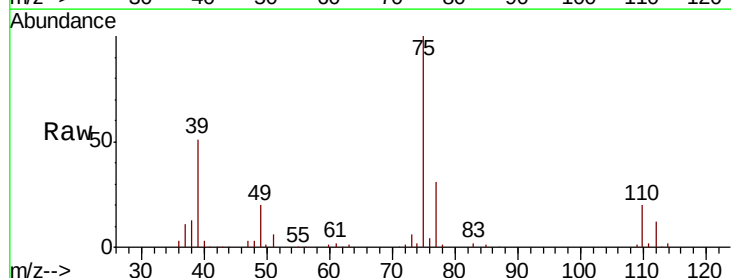
Tgt Ion: 75 Resp: 109954

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.0

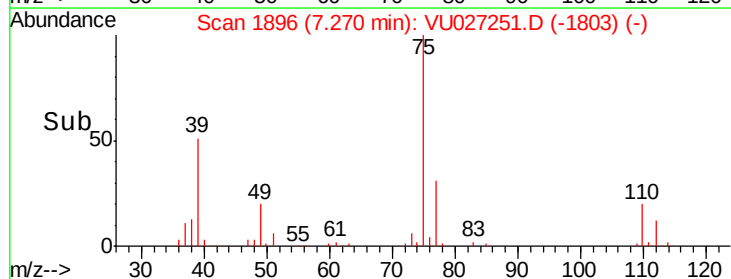
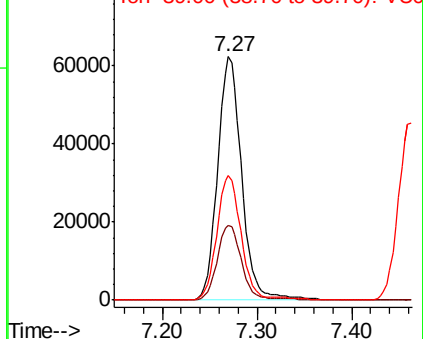
39 51.1 41.6 62.4

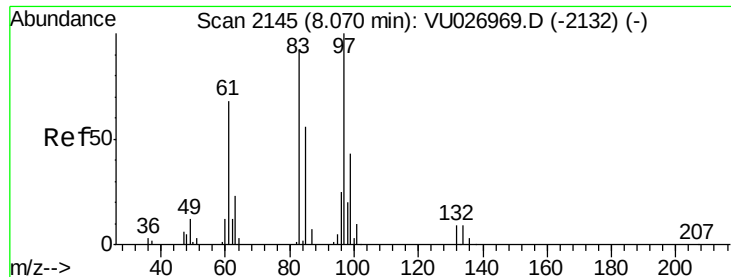


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

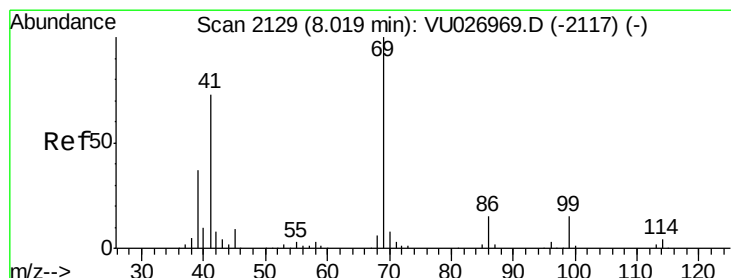
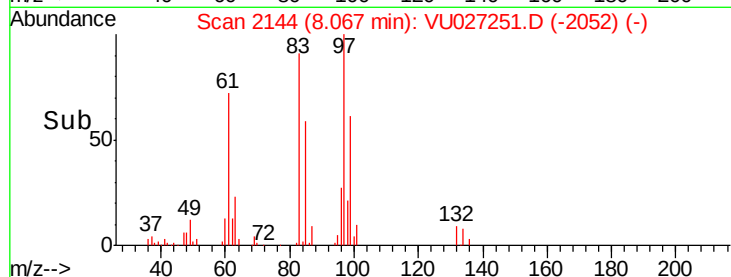
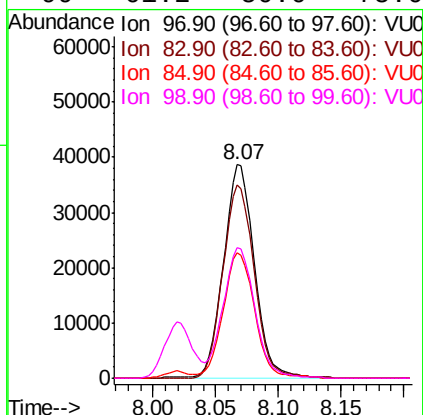
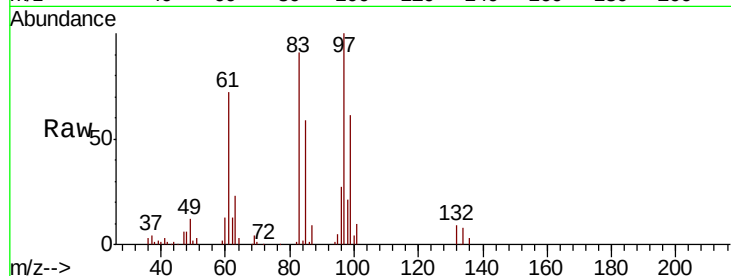




#55
 1,1,2-Trichloroethane
 Concen: 50.193 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027251.D
 Acq: 28 Sep 2018 02:02

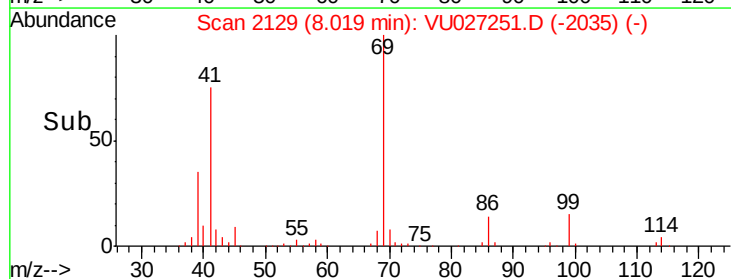
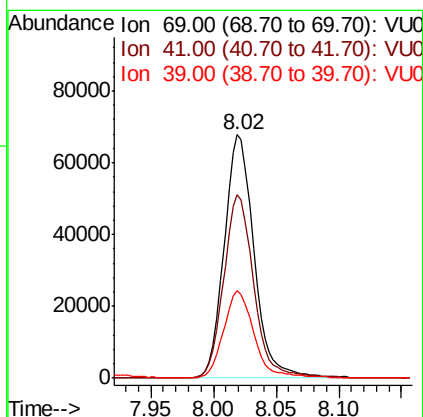
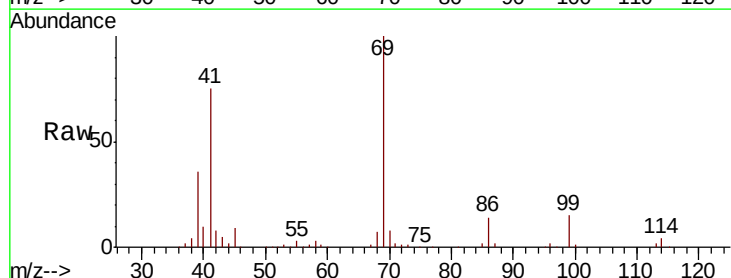
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW311I-20180919MS

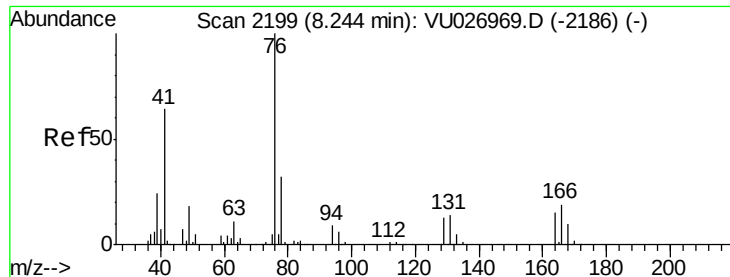
Tot Ion:	97	Resp:	66078
Ion	Ratio	Lower	Upper
97	100		
83	90.8	73.1	109.7
85	59.0	46.7	70.1
99	61.2	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 49.023 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027251.D
 Acq: 28 Sep 2018 02:02

Tgt Ion:	69	Resp:	111879
Ion	Ratio	Lower	Upper
69	100		
41	75.9	59.0	88.4
39	36.9	30.2	45.4

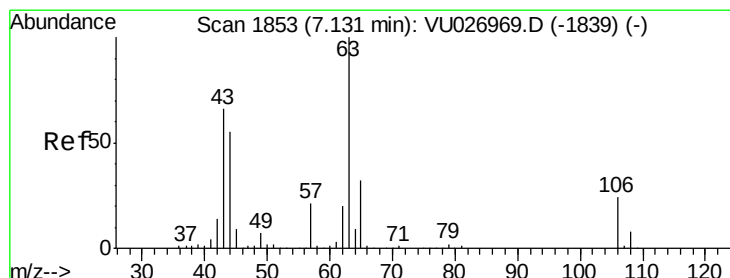
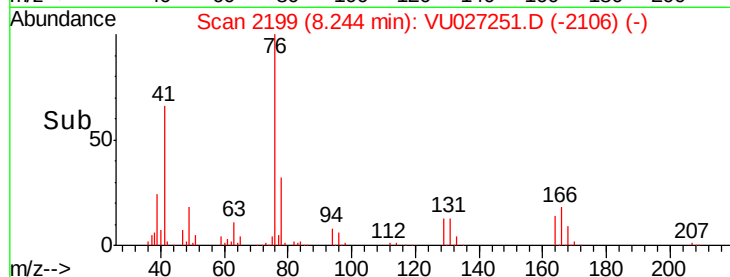
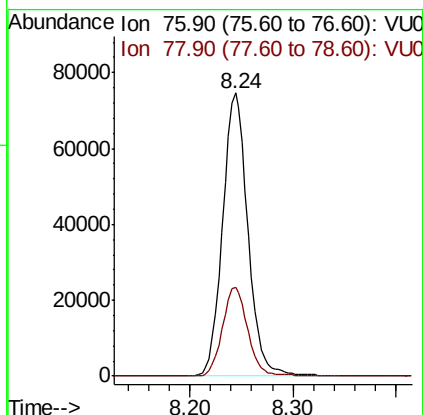
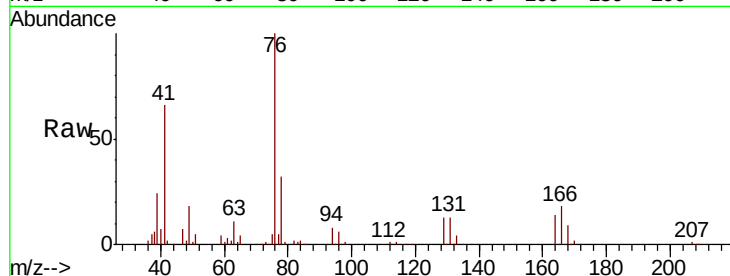




#57
 1,3-Dichloropropane
 Concen: 51.895 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027251.D
 Acq: 28 Sep 2018 02:02

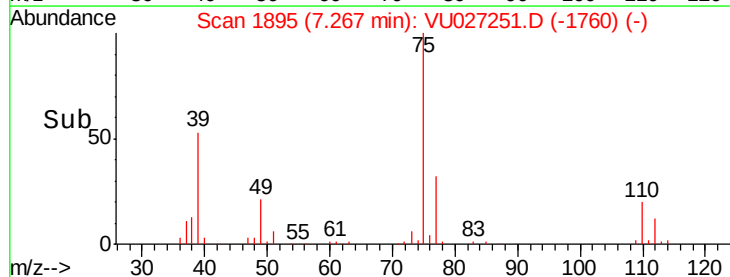
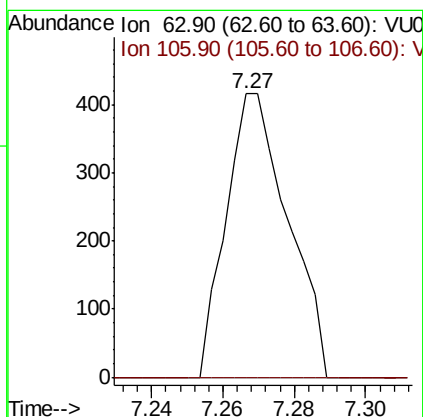
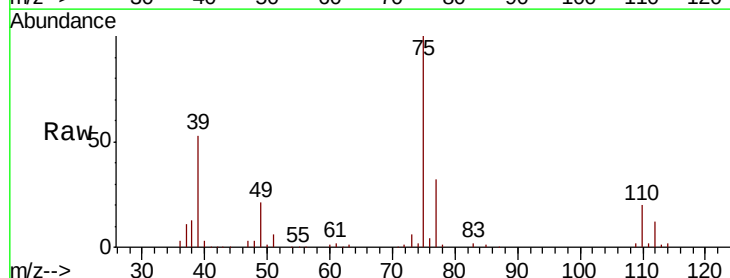
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW311I-20180919MS

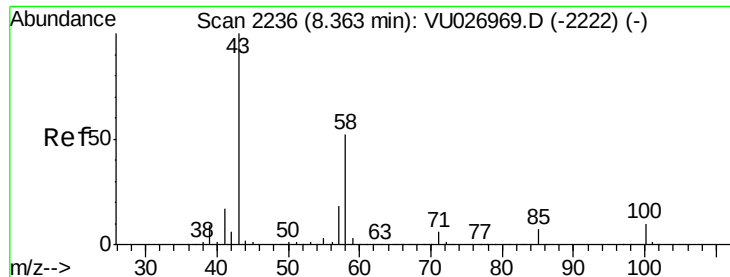
Tot Ion: 76 Resp: 127068
 Ion Ratio Lower Upper
 76 100
 78 31.3 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 5.238 ug/l
 RT: 7.27 min Scan# 1895
 Delta R.T. 0.14 min
 Lab File: VU027251.D
 Acq: 28 Sep 2018 02:02

Tgt Ion: 63 Resp: 498
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.7 28.1#

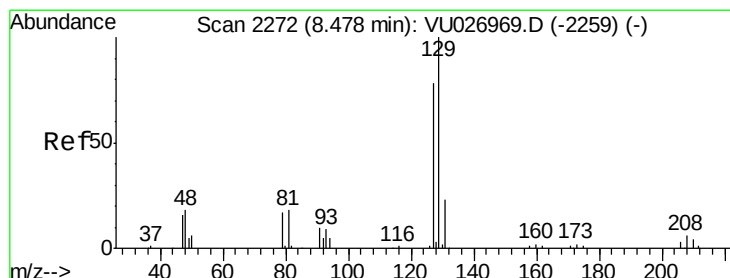
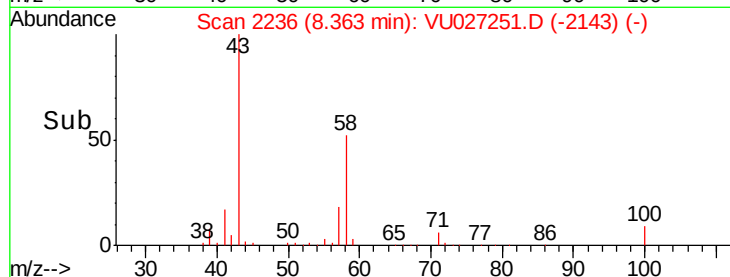
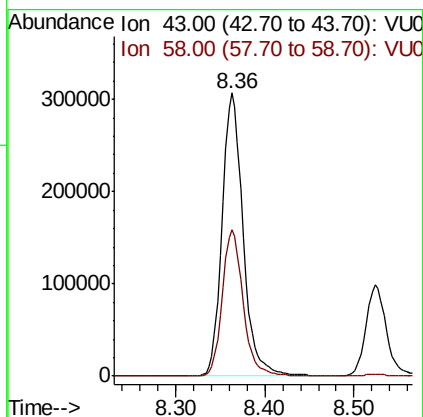
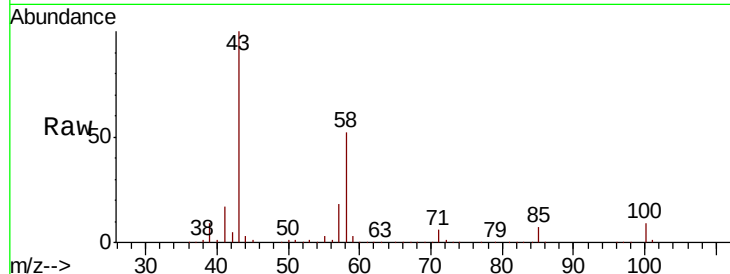




#59
2-Hexanone
Concen: 271.376 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027251.D
Acq: 28 Sep 2018 02:02

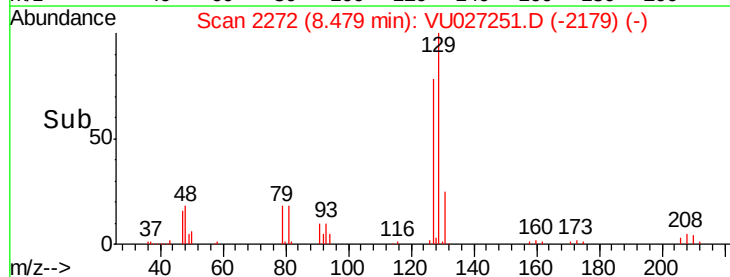
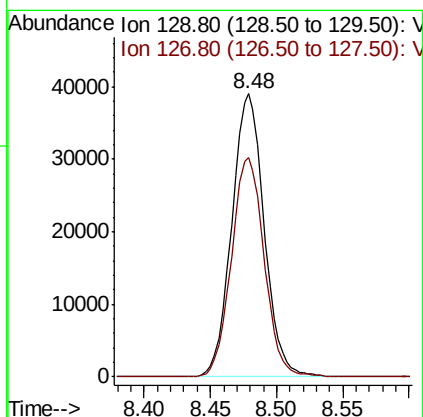
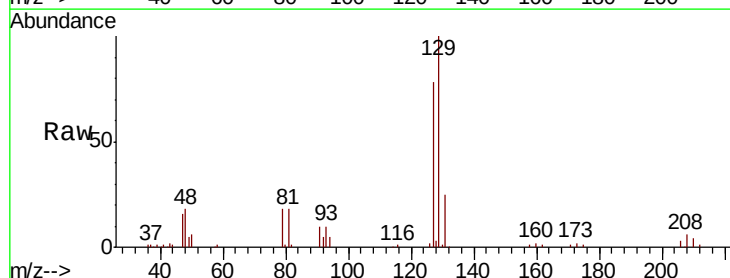
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW311I-20180919MS

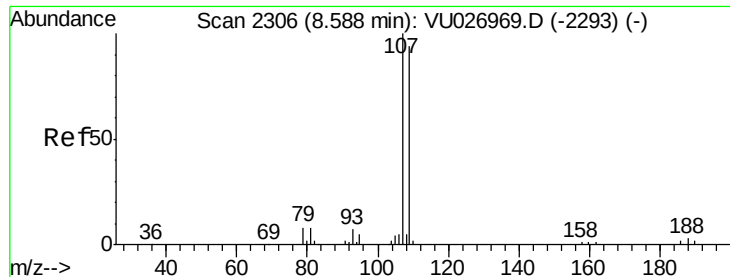
Tot Ion: 43 Resp: 502923
Ion Ratio Lower Upper
43 100
58 51.4 26.1 78.2



#60
Dibromochloromethane
Concen: 51.201 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027251.D
Acq: 28 Sep 2018 02:02

Tgt Ion: 129 Resp: 66118
Ion Ratio Lower Upper
129 100
127 78.4 38.1 114.5

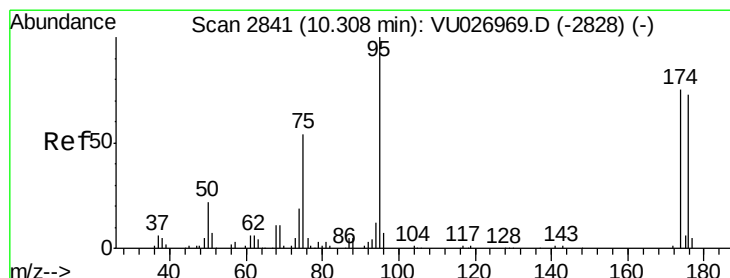
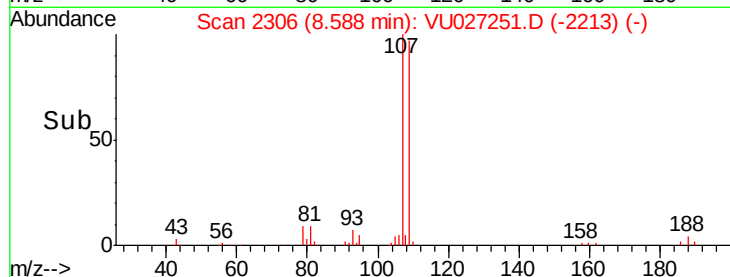
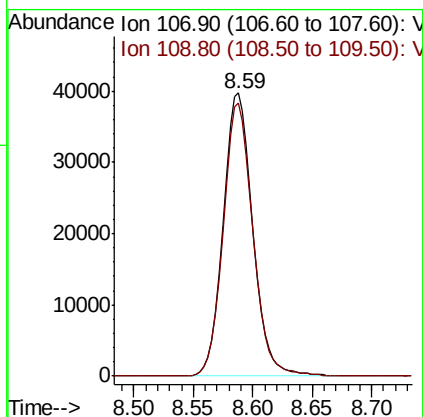
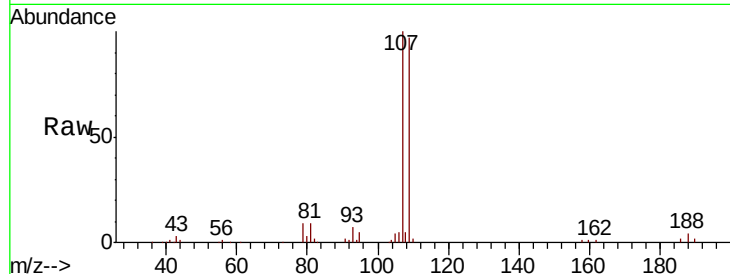




#61
 1,2-Dibromoethane
 Concen: 49.953 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU027251.D
 Acq: 28 Sep 2018 02:02

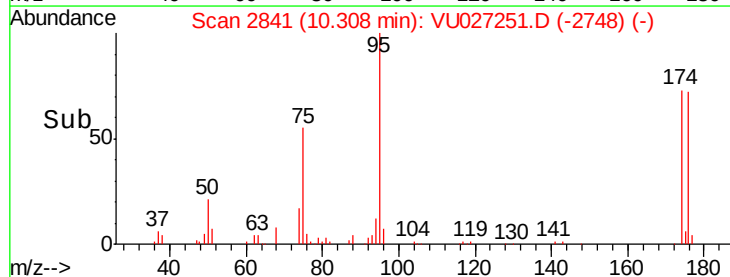
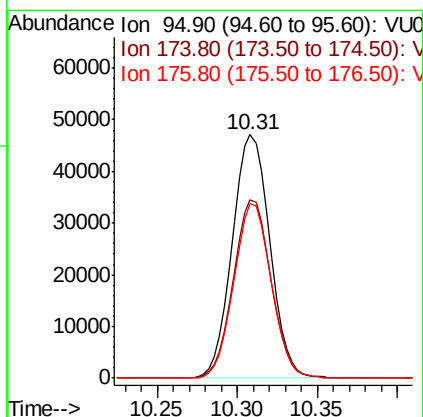
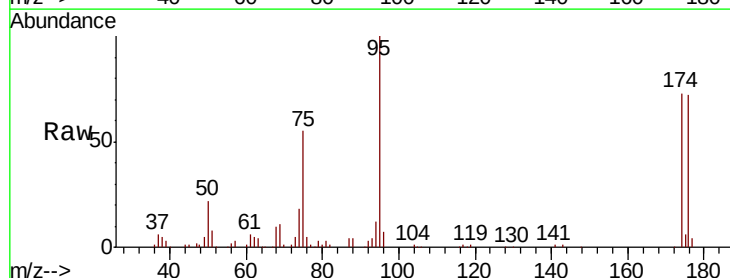
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW311I-20180919MS

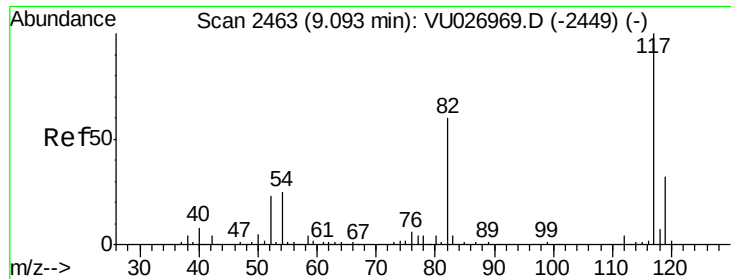
Tot Ion: 107 Resp: 68424
 Ion Ratio Lower Upper
 107 100
 109 97.1 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 49.658 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027251.D
 Acq: 28 Sep 2018 02:02

Tgt Ion: 95 Resp: 75199
 Ion Ratio Lower Upper
 95 100
 174 73.5 0.0 150.2
 176 71.0 0.0 145.2

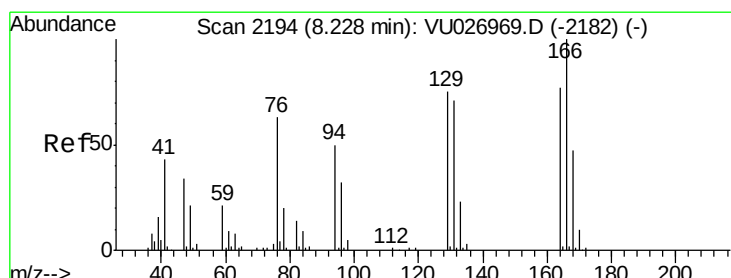
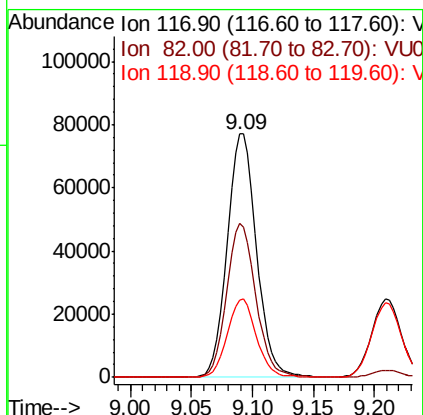
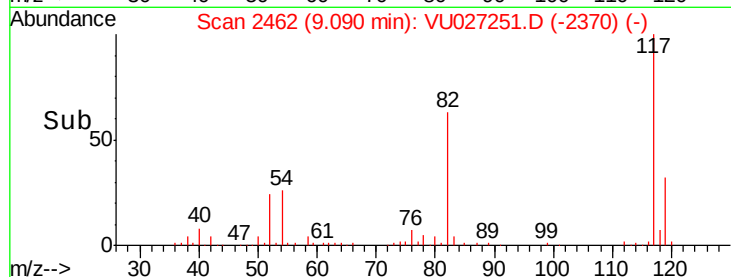
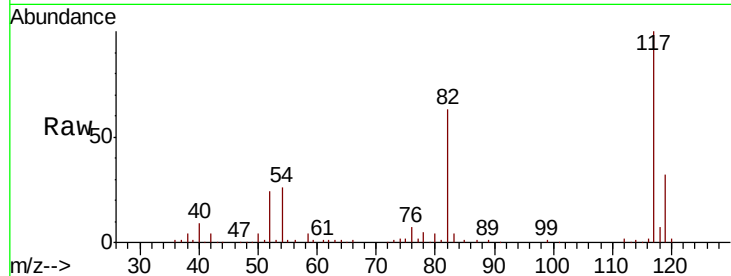




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027251.D
Acq: 28 Sep 2018 02:02

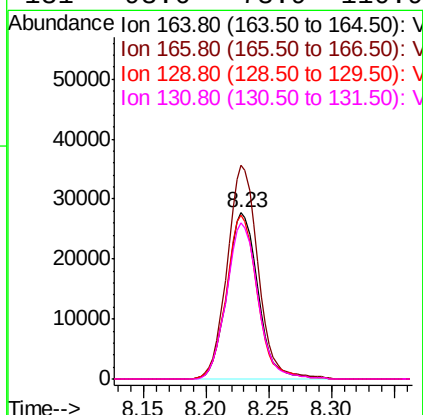
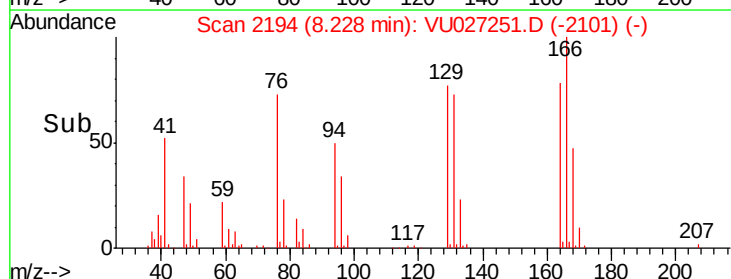
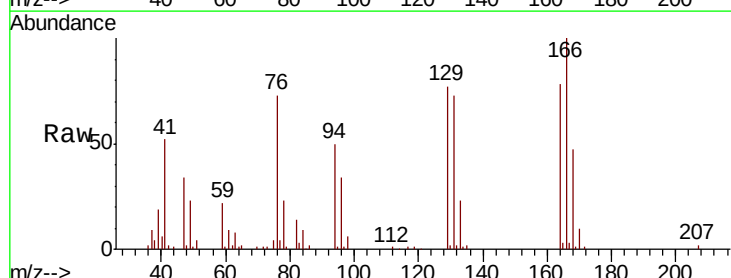
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW311I-20180919MS

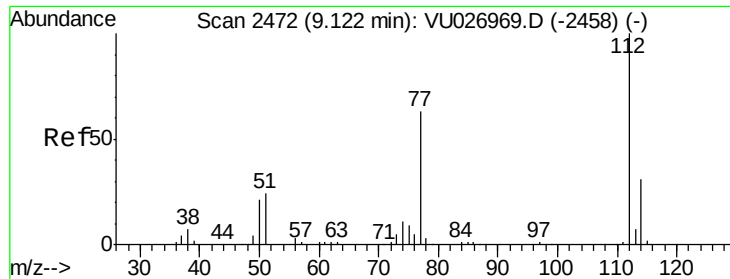
Tot Ion:117 Resp: 129796
Ion Ratio Lower Upper
117 100
82 63.5 48.0 72.0
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 47.723 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027251.D
Acq: 28 Sep 2018 02:02

Tgt Ion:164 Resp: 47731
Ion Ratio Lower Upper
164 100
166 128.4 104.4 156.6
129 98.8 78.7 118.1
131 93.6 73.9 110.9

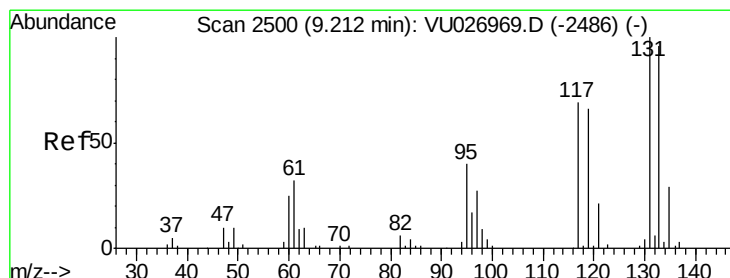
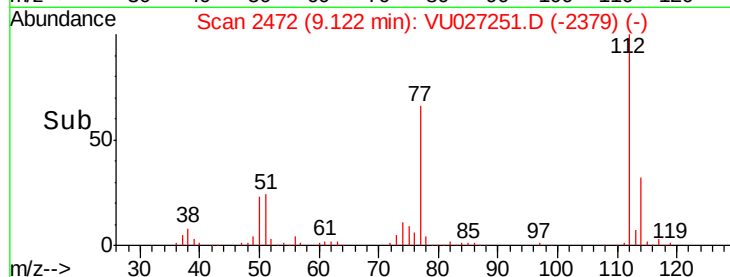
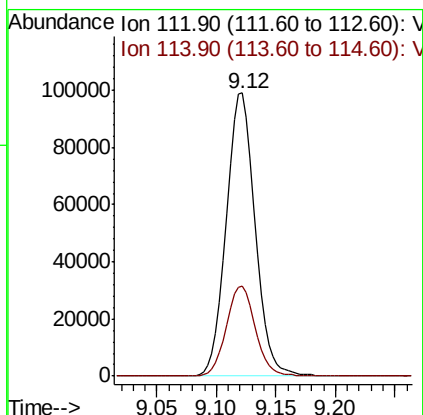
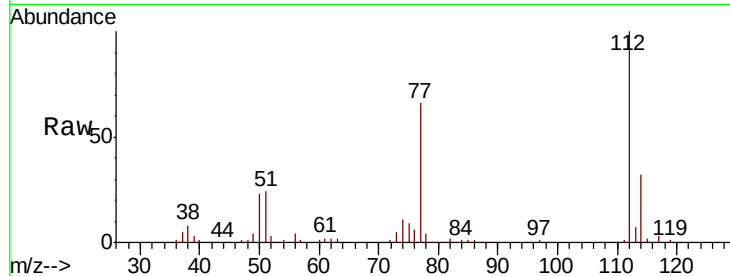




#65
Chlorobenzene
Concen: 48.484 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU027251.D
Acq: 28 Sep 2018 02:02

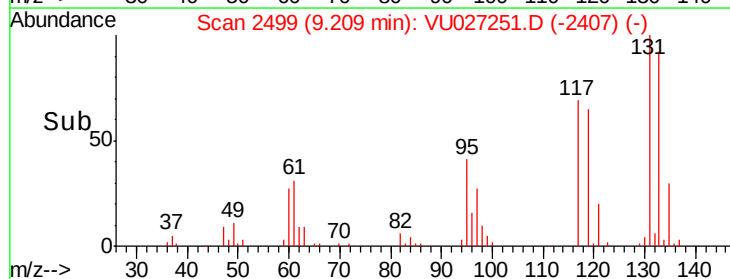
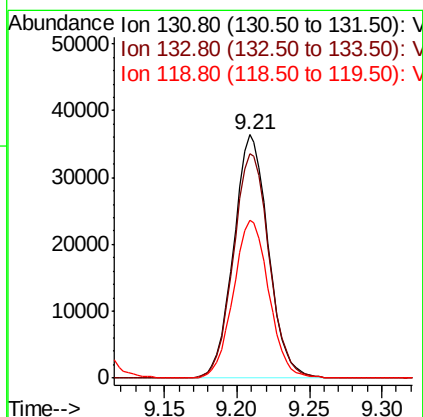
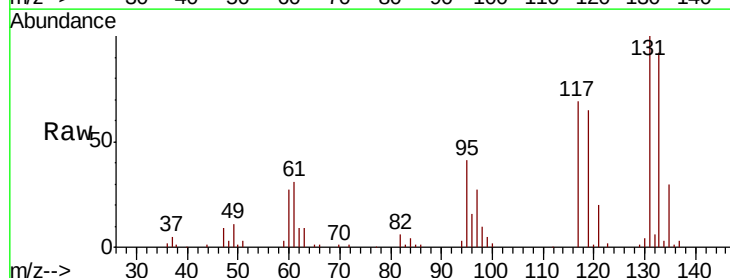
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW311I-20180919MS

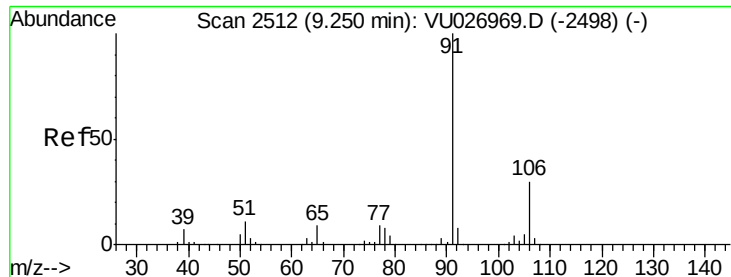
Tot Ion:112 Resp: 166859
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.099 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027251.D
Acq: 28 Sep 2018 02:02

Tgt Ion:131 Resp: 60573
Ion Ratio Lower Upper
131 100
133 95.0 48.0 144.2
119 66.3 33.4 100.1

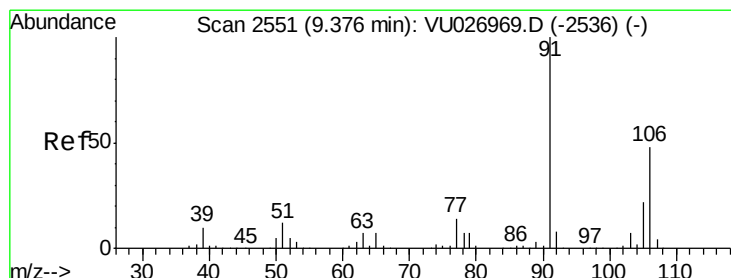
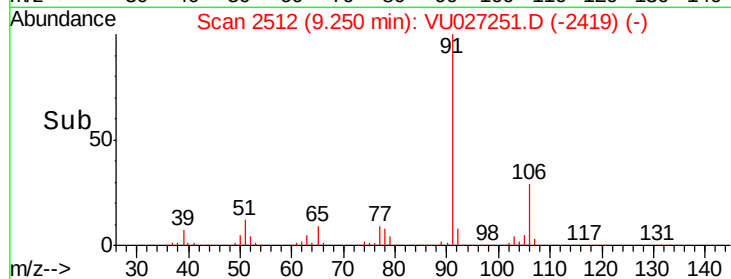
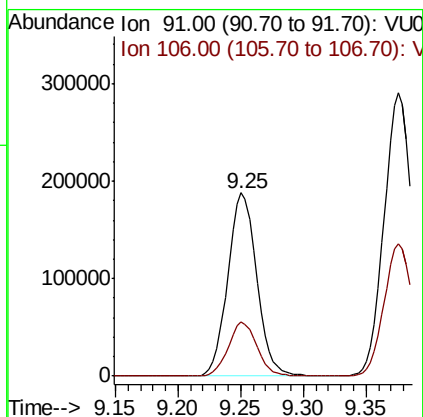
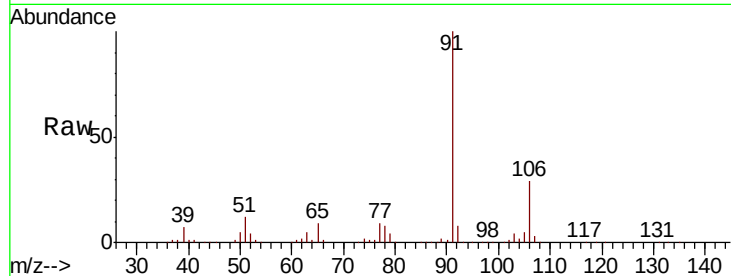




#67
Ethyl Benzene
Concen: 53.253 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027251.D
Acq: 28 Sep 2018 02:02

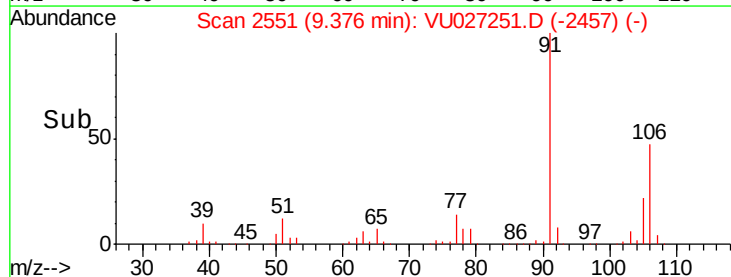
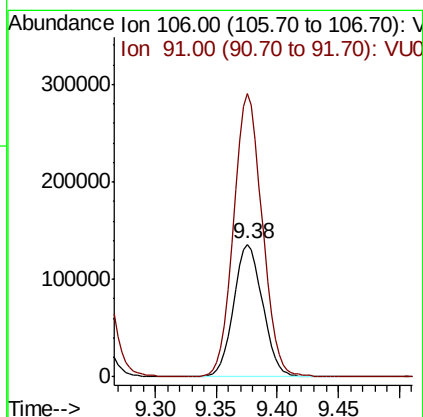
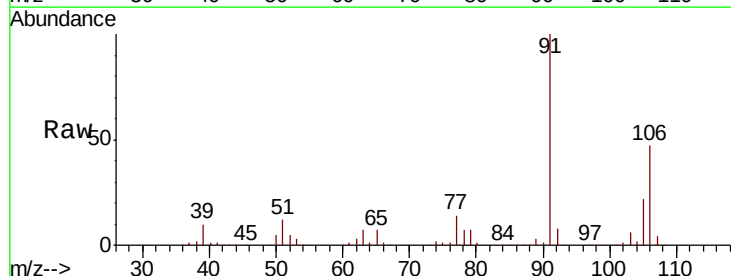
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW311I-20180919MS

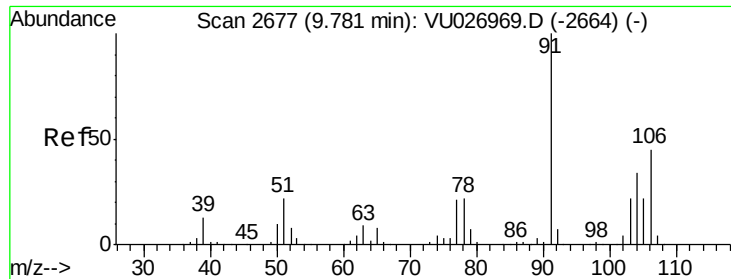
Tot Ion: 91 Resp: 301374
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.8



#68
m/p-Xylenes
Concen: 97.918 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027251.D
Acq: 28 Sep 2018 02:02

Tgt Ion: 106 Resp: 224348
Ion Ratio Lower Upper
106 100
91 211.8 166.5 249.7

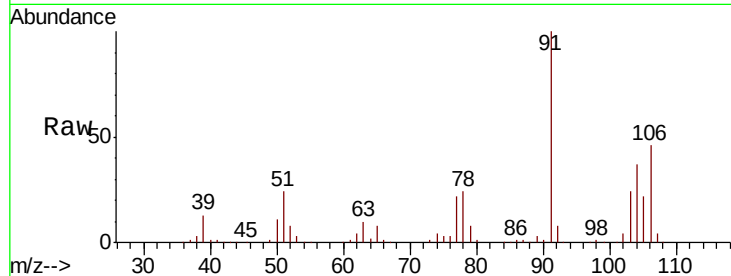




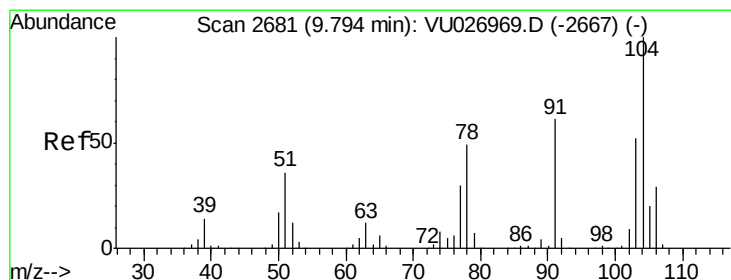
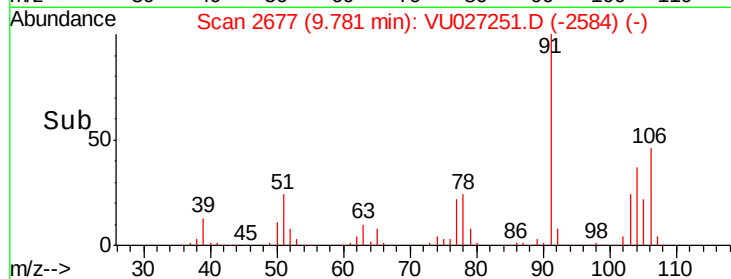
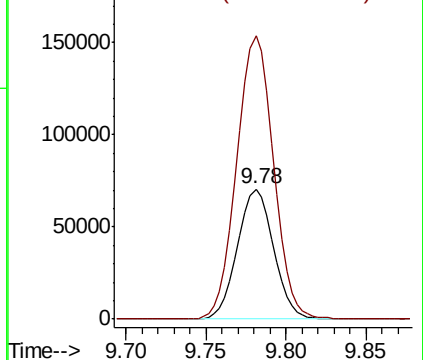
#69
o-Xylene
Concen: 53.998 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027251.D
Acq: 28 Sep 2018 02:02

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW311I-20180919MS

Tot Ion:106 Resp: 108274
Ion Ratio Lower Upper
106 100
91 222.0 110.2 330.6

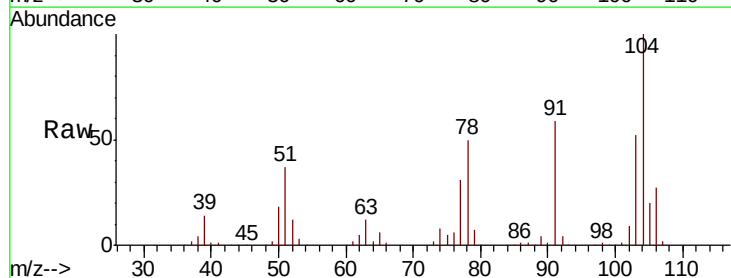


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

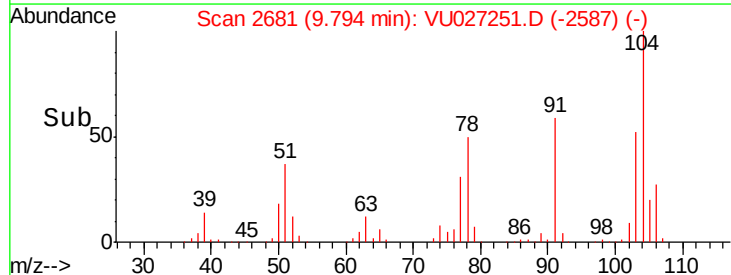
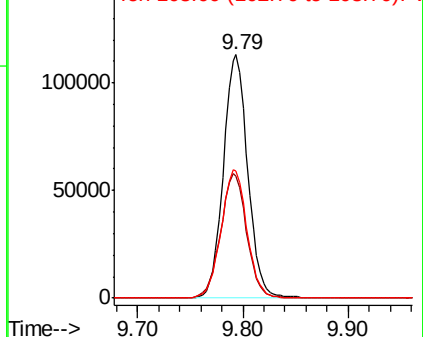


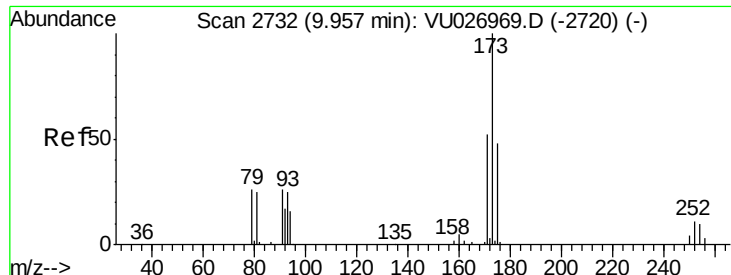
#70
Styrene
Concen: 48.303 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027251.D
Acq: 28 Sep 2018 02:02

Tgt Ion:104 Resp: 180604
Ion Ratio Lower Upper
104 100
78 54.9 43.0 64.4
103 55.9 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 51.563 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU027251.D

Acq: 28 Sep 2018 02:02

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW311I-20180919MS

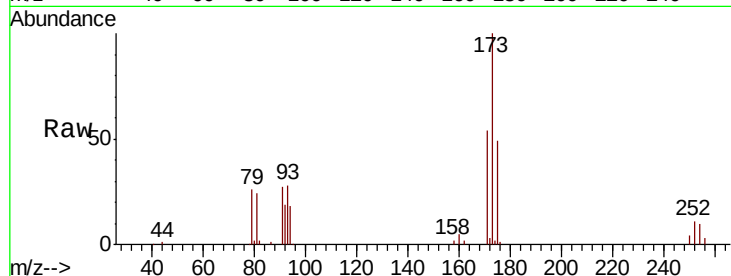
Tot Ion:173 Resp: 47266

Ion Ratio Lower Upper

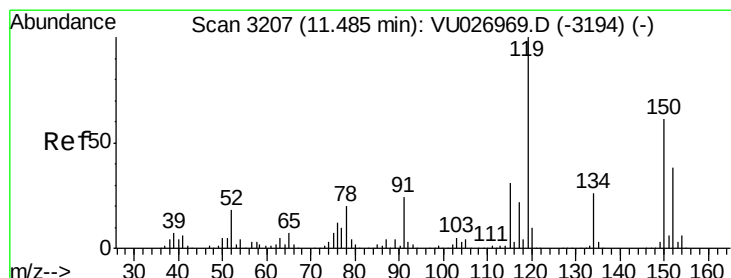
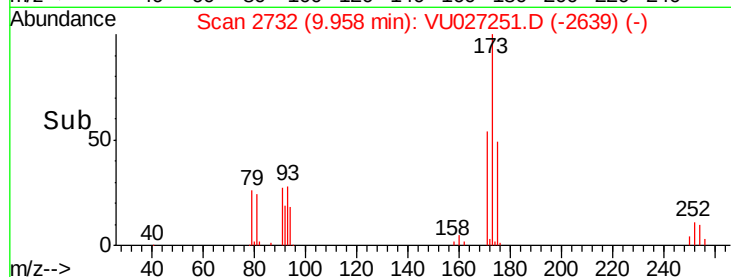
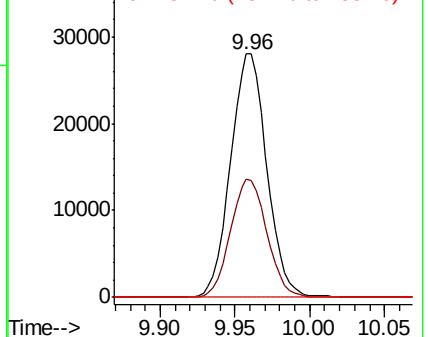
173 100

175 48.7 23.9 71.8

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027251.D

Acq: 28 Sep 2018 02:02

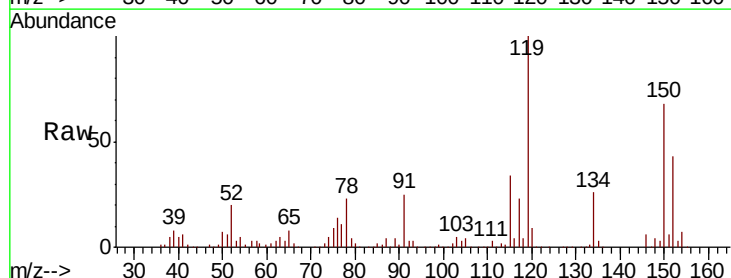
Tgt Ion:152 Resp: 71114

Ion Ratio Lower Upper

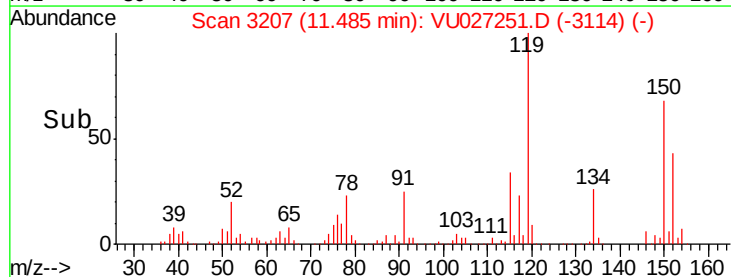
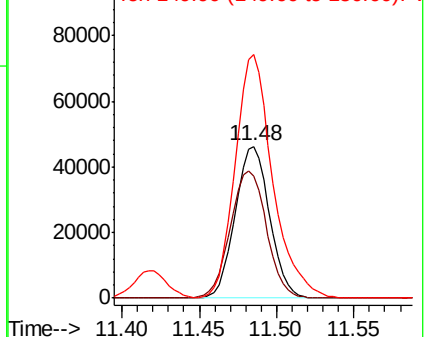
152 100

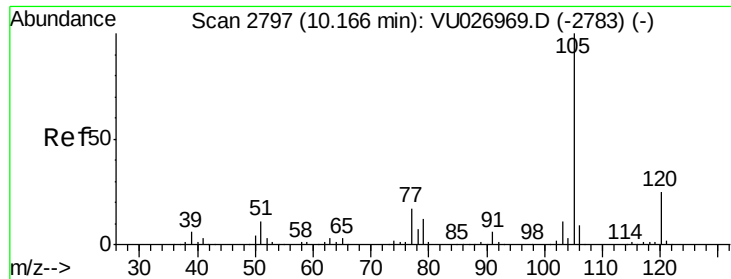
115 88.7 44.9 134.5

150 175.8 0.0 355.8



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





#73

Isopropylbenzene

Concen: 53.780 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027251.D

Acq: 28 Sep 2018 02:02

Instrument :

MSVOA_U

ClientSampleId :

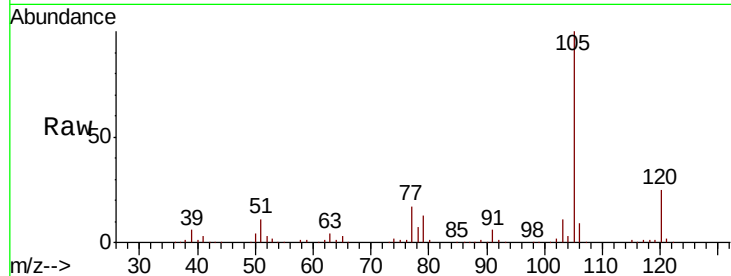
BPSI-TT-MW311I-20180919MS

Tot Ion:105 Resp: 290924

Ion Ratio Lower Upper

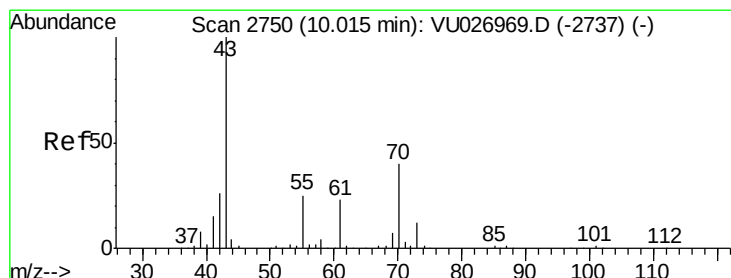
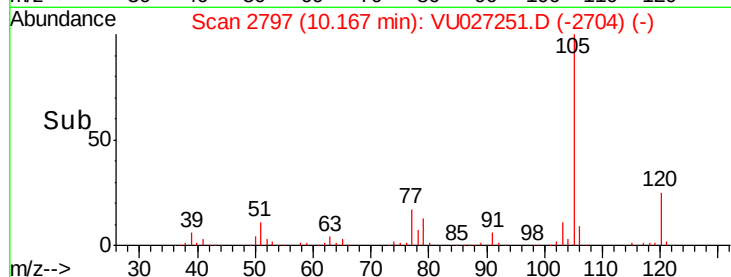
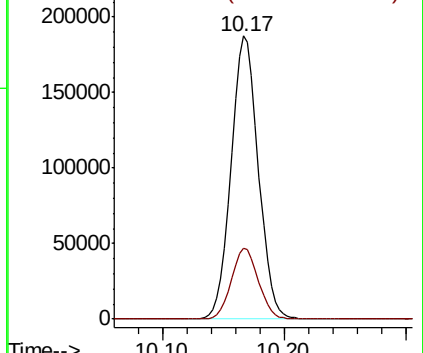
105 100

120 25.0 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.639 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027251.D

Acq: 28 Sep 2018 02:02

Tgt Ion: 43 Resp: 152303

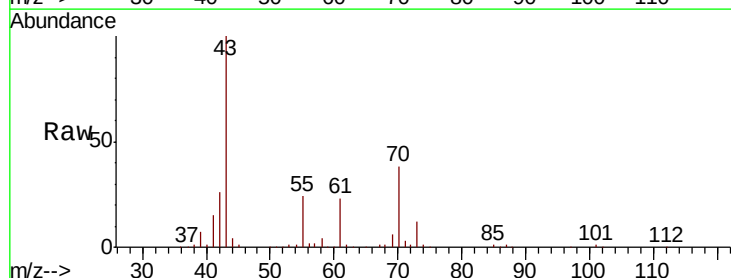
Ion Ratio Lower Upper

43 100

70 38.0 31.8 47.8

55 24.5 19.9 29.9

61 22.7 18.4 27.6

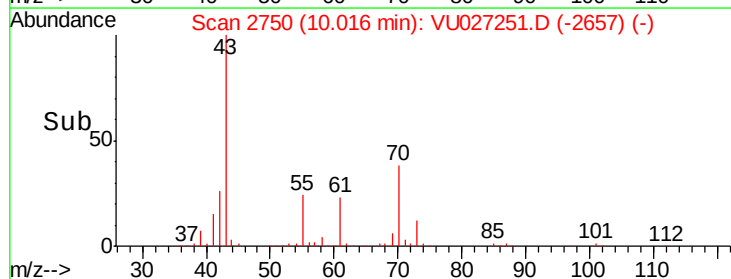
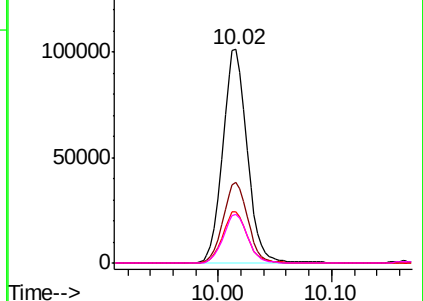


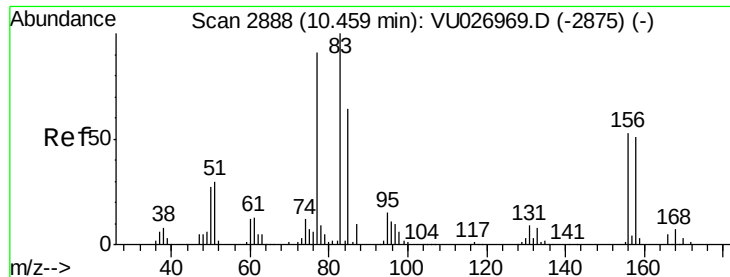
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.137 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027251.D

Acq: 28 Sep 2018 02:02

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW311I-20180919MS

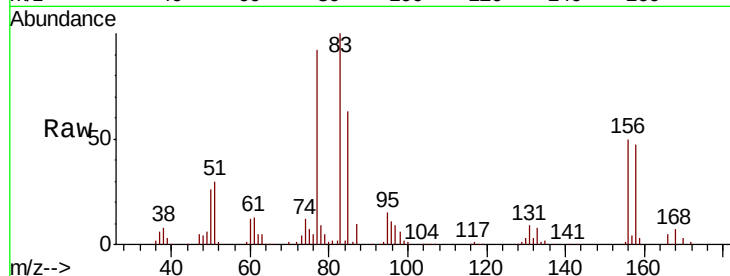
Tot Ion: 83 Resp: 117239

Ion Ratio Lower Upper

83 100

131 8.4 4.3 12.8

85 63.8 31.9 95.7

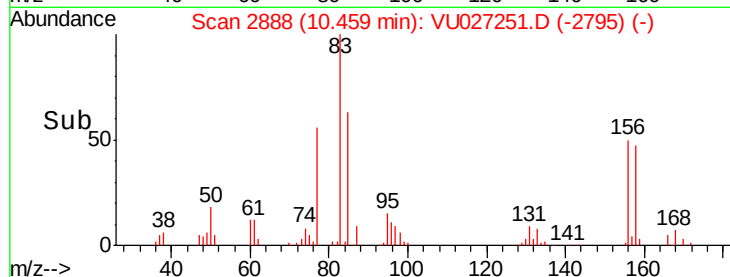


Abundance Ion 82.90 (82.60 to 83.60): VU027251.D (-2875) (-)

Ion 130.80 (130.50 to 131.50): VU027251.D (-2875) (-)

Ion 84.90 (84.60 to 85.60): VU027251.D (-2875) (-)

Time-->

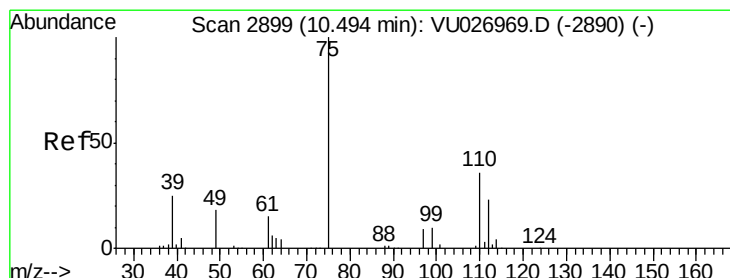


Abundance Ion 82.90 (82.60 to 83.60): VU027251.D (-2795) (-)

Ion 130.80 (130.50 to 131.50): VU027251.D (-2795) (-)

Ion 84.90 (84.60 to 85.60): VU027251.D (-2795) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 61.231 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027251.D

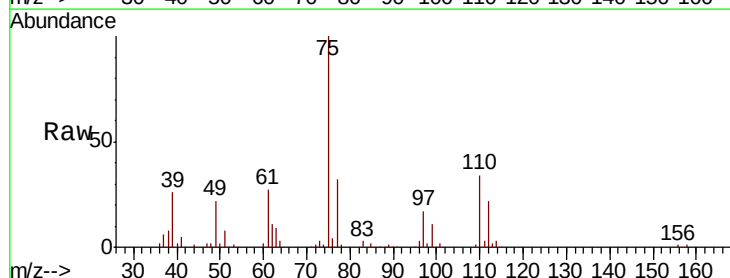
Acq: 28 Sep 2018 02:02

Tgt Ion: 75 Resp: 132284

Ion Ratio Lower Upper

75 100

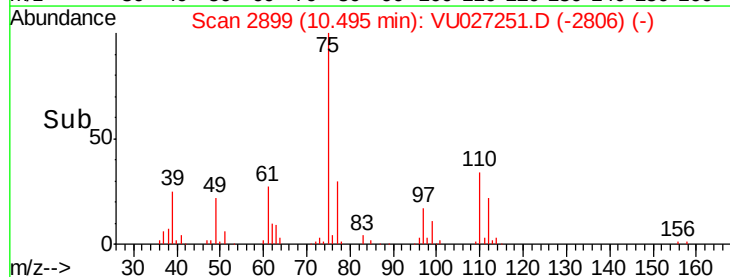
77 29.1 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU027251.D (-2890) (-)

Ion 77.00 (76.70 to 77.70): VU027251.D (-2890) (-)

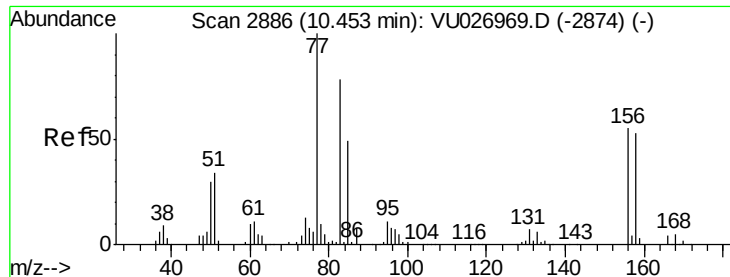
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VU027251.D (-2806) (-)

Ion 77.00 (76.70 to 77.70): VU027251.D (-2806) (-)

Time-->



#77

Bromobenzene

Concen: 50.283 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027251.D

Acq: 28 Sep 2018 02:02

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW311I-20180919MS

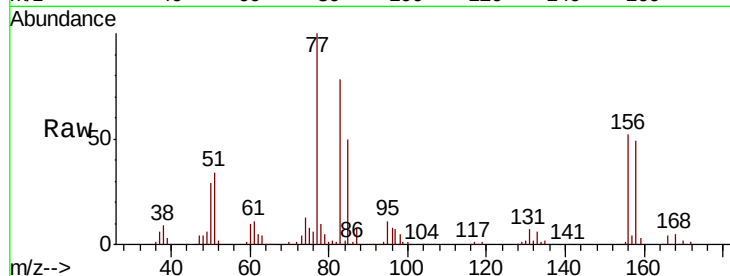
Tot Ion:156 Resp: 66470

Ion Ratio Lower Upper

156 100

77 194.7 92.3 276.9

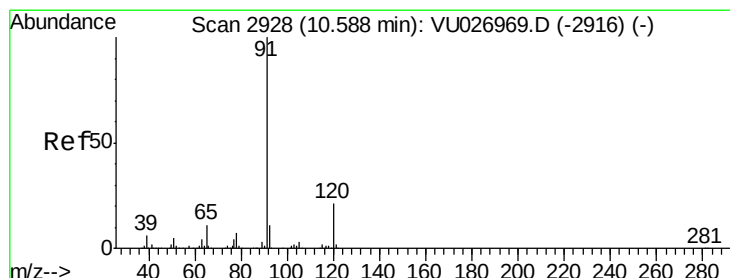
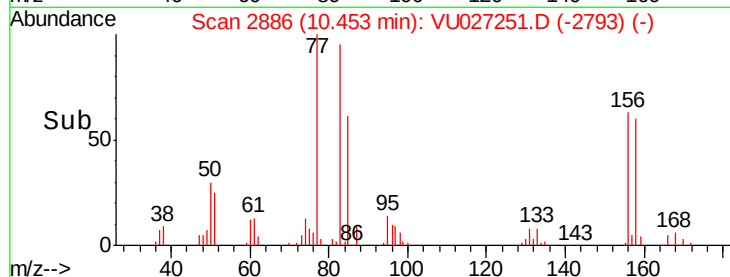
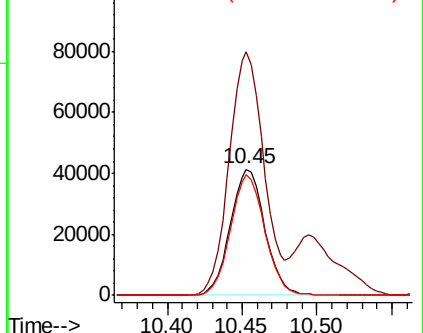
158 94.9 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.826 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027251.D

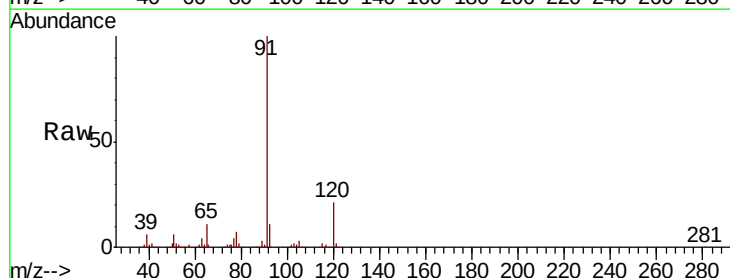
Acq: 28 Sep 2018 02:02

Tgt Ion: 91 Resp: 350926

Ion Ratio Lower Upper

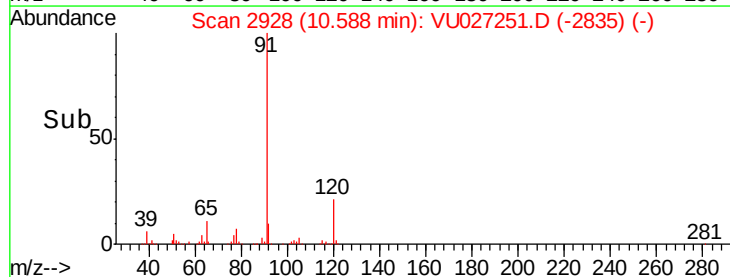
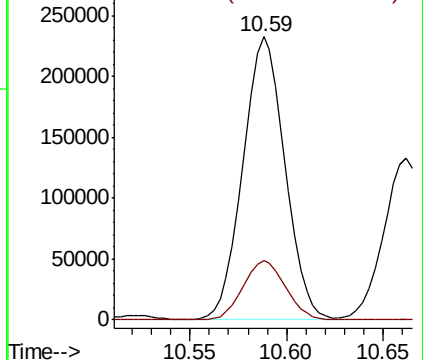
91 100

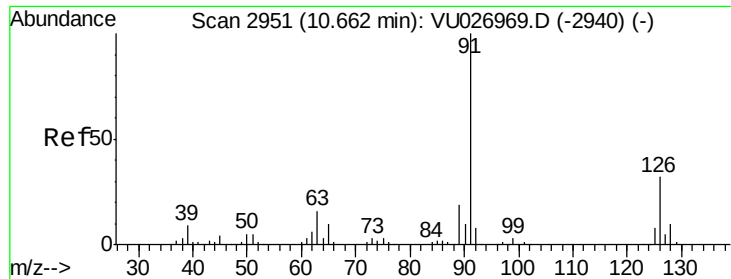
120 21.2 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

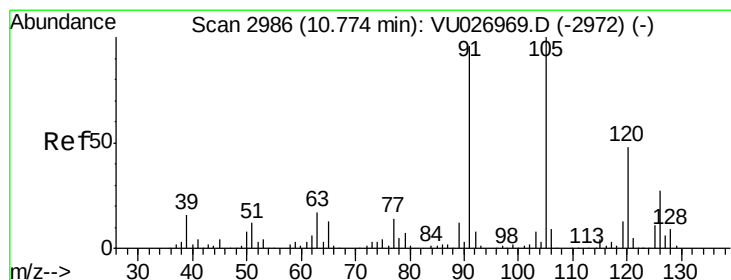
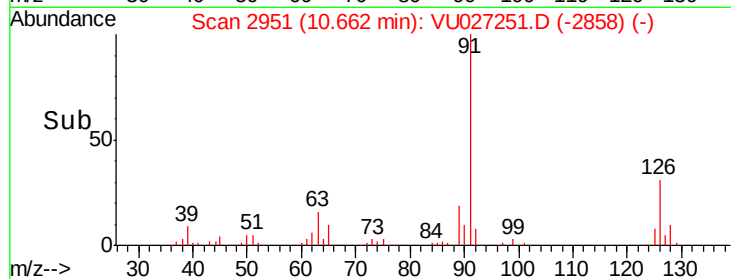
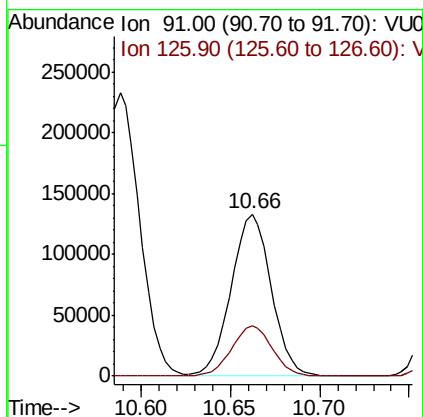
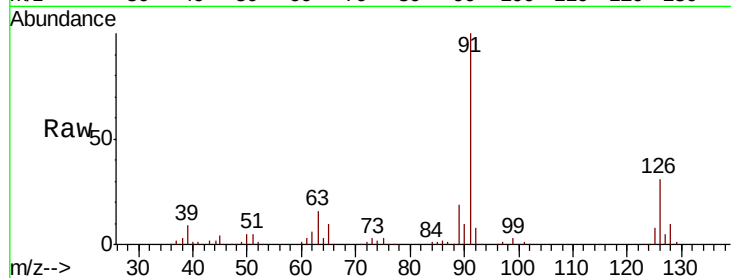




#79
 2-Chlorotoluene
 Concen: 51.584 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027251.D
 Acq: 28 Sep 2018 02:02

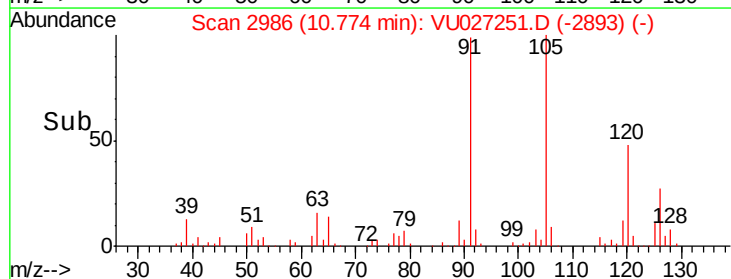
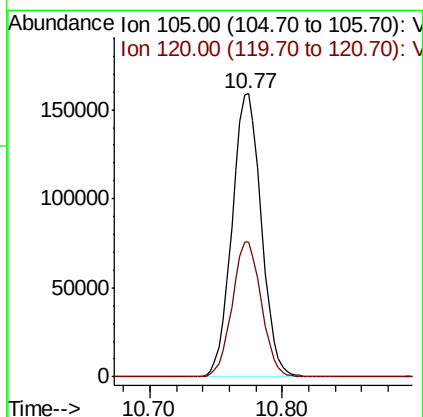
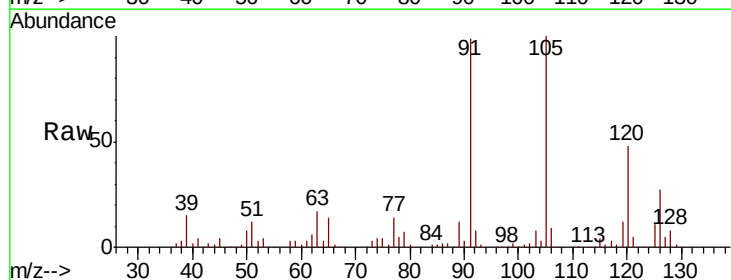
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW311I-20180919MS

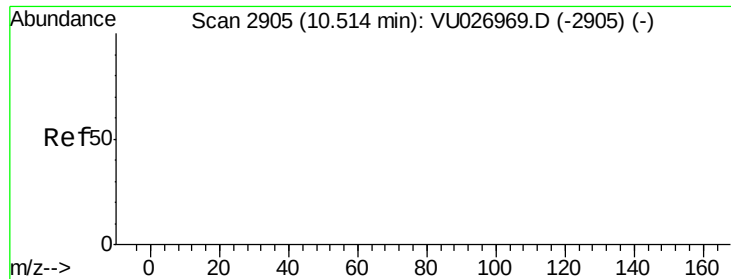
Tot Ion: 91 Resp: 207393
 Ion Ratio Lower Upper
 91 100
 126 31.7 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 54.500 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027251.D
 Acq: 28 Sep 2018 02:02

Tgt Ion: 105 Resp: 243367
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 195.949 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

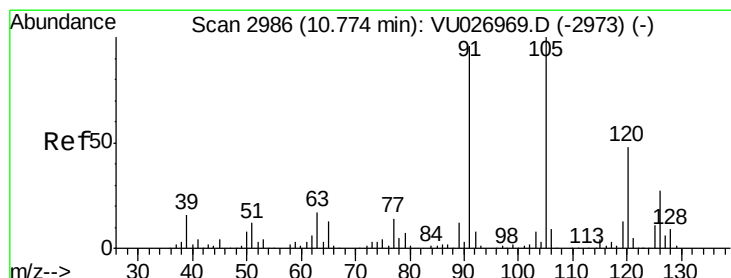
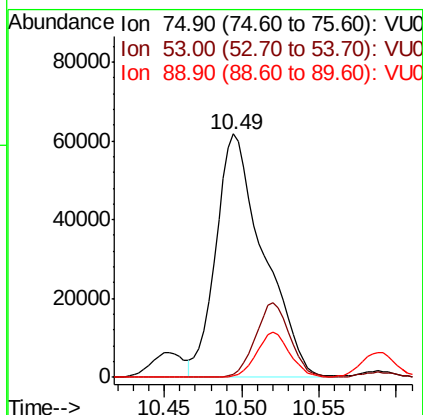
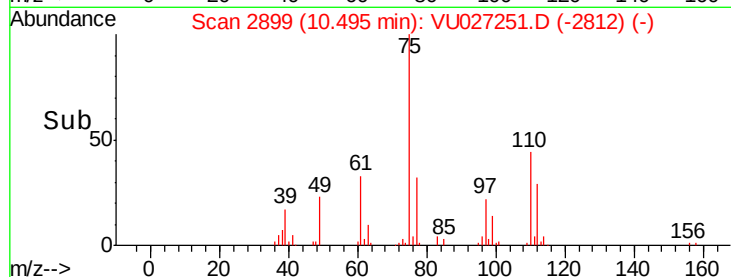
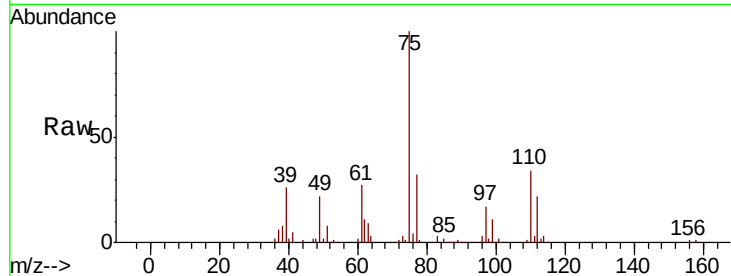
Lab File: VU027251.D

Acq: 28 Sep 2018 02:02

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW311I-20180919MS

Tot Ion: 75 Resp: 132284

Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0



#82

4-Chlorotoluene

Concen: 53.743 ug/l

RT: 10.77 min Scan# 2985

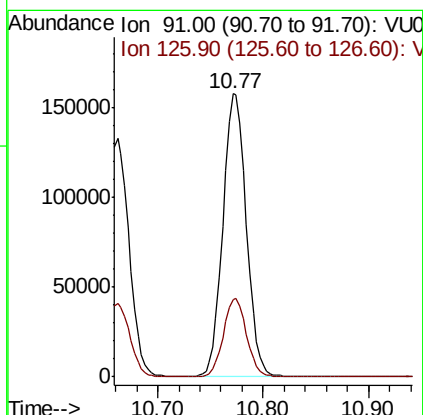
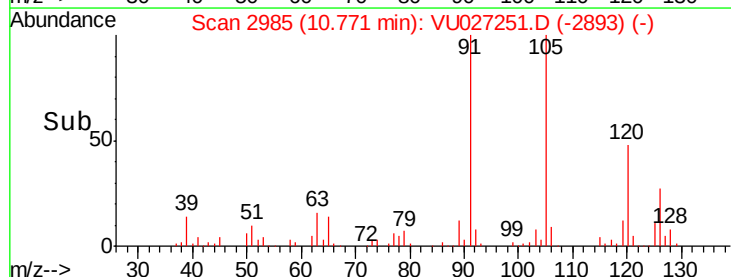
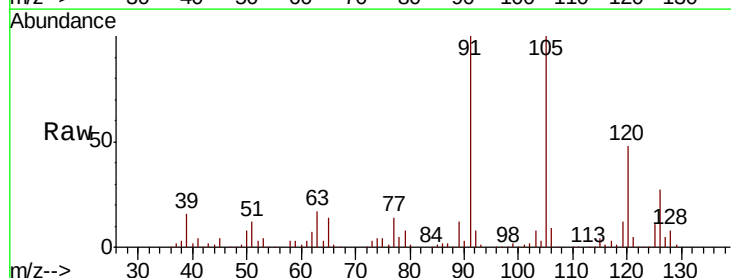
Delta R.T. -0.00 min

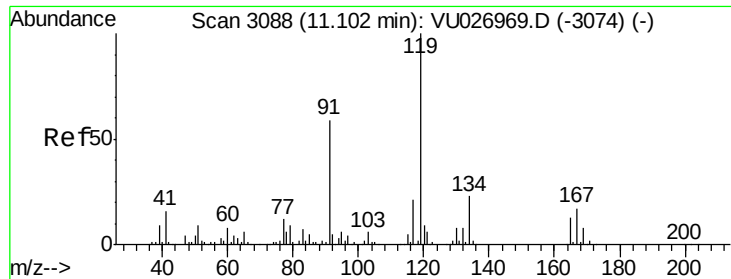
Lab File: VU027251.D

Acq: 28 Sep 2018 02:02

Tgt Ion: 91 Resp: 242280

Ion	Ratio	Lower	Upper
91	100		
126	27.5	14.1	42.2

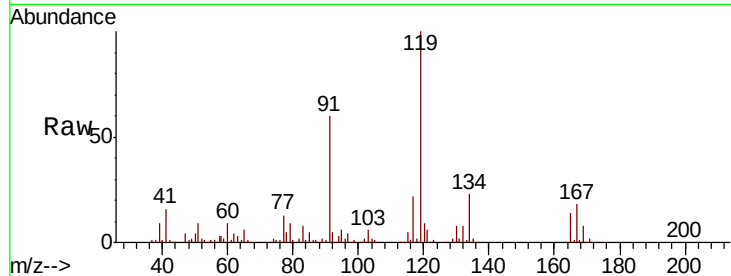




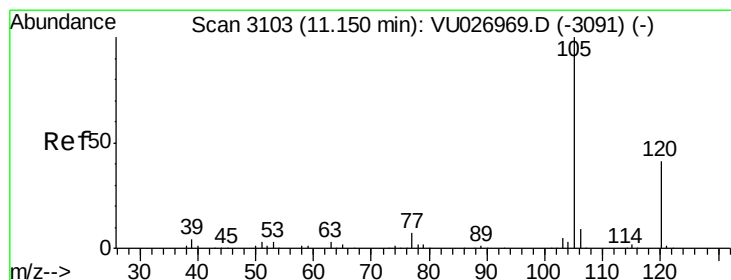
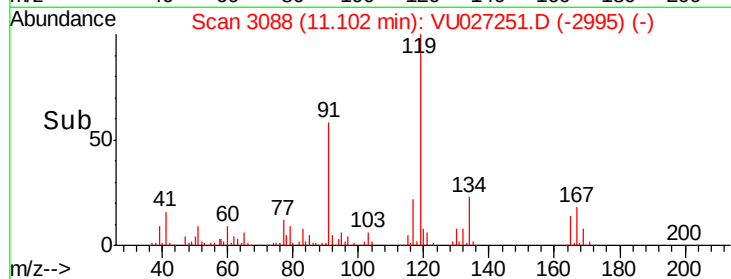
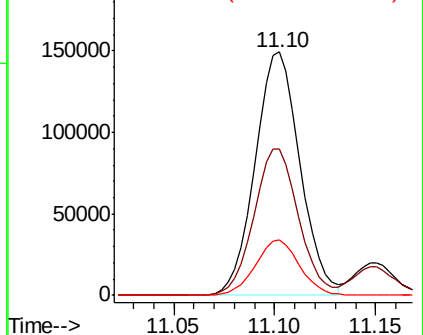
#83
 tert-Butylbenzene
 Concen: 52.559 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027251.D
 Acq: 28 Sep 2018 02:02

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW311I-20180919MS

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.7	29.8	89.4
134	22.3	11.5	34.4

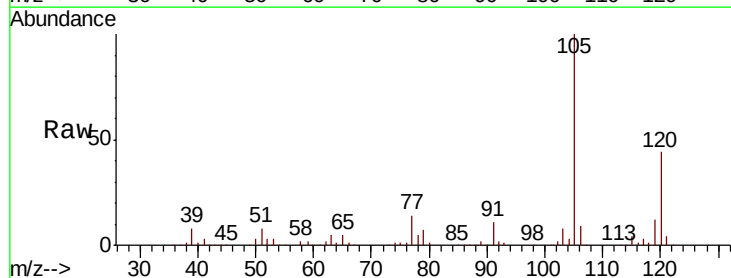


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

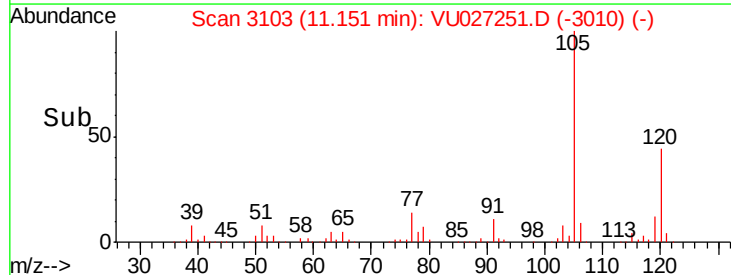
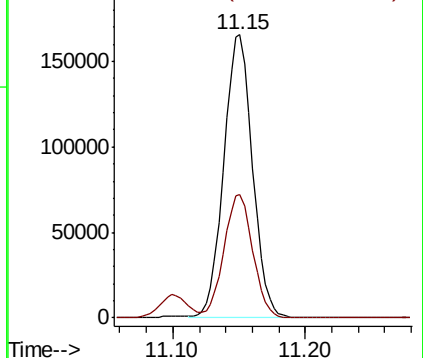


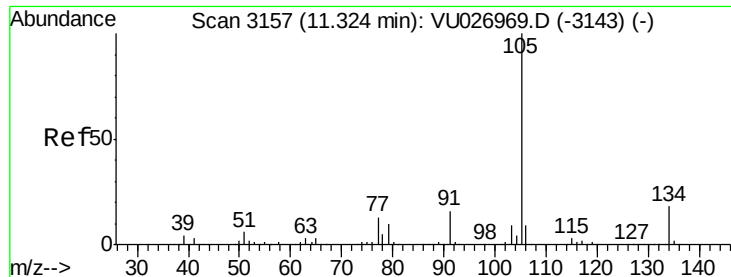
#84
 1,2,4-Trimethylbenzene
 Concen: 54.639 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027251.D
 Acq: 28 Sep 2018 02:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.4	67.2



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

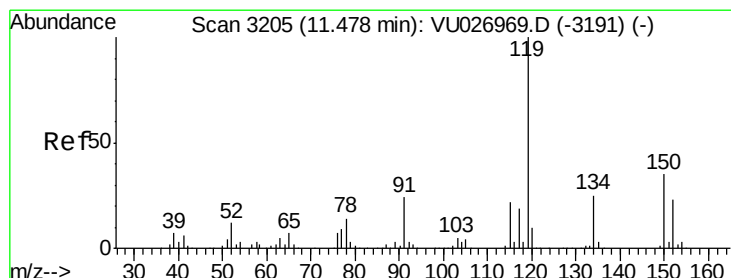
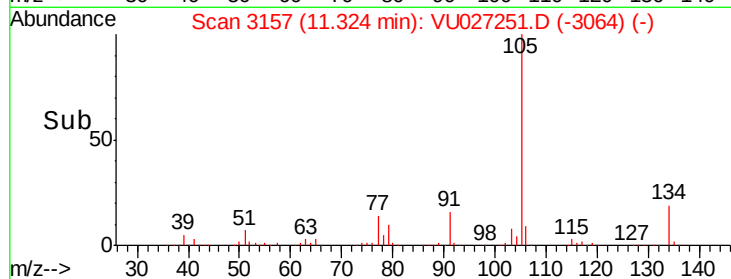
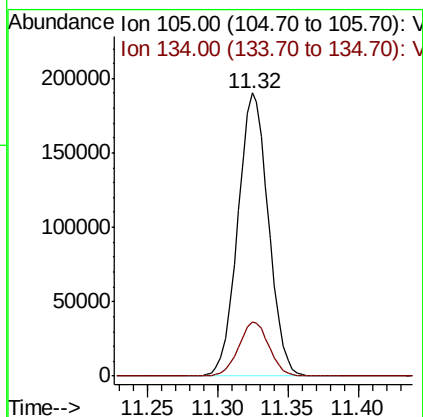
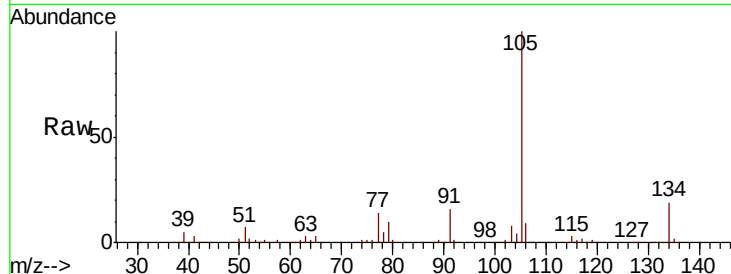




#85
 sec-Butylbenzene
 Concen: 53.583 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027251.D
 Acq: 28 Sep 2018 02:02

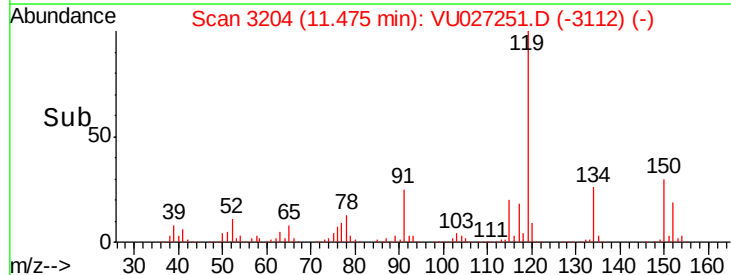
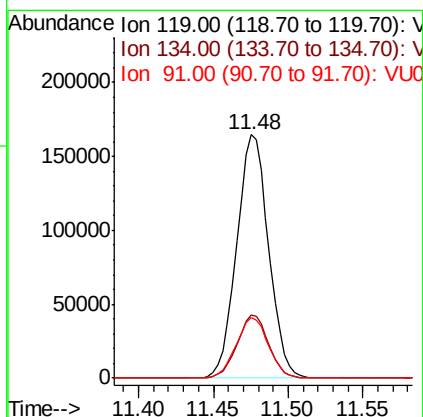
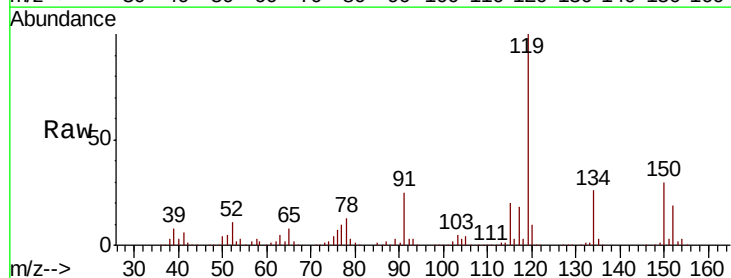
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW311I-20180919MS

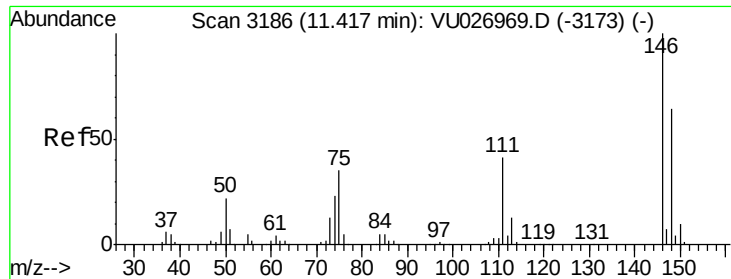
Tot Ion:105 Resp: 288768
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 48.217 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027251.D
 Acq: 28 Sep 2018 02:02

Tgt Ion:119 Resp: 243655
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 25.3 12.3 36.8

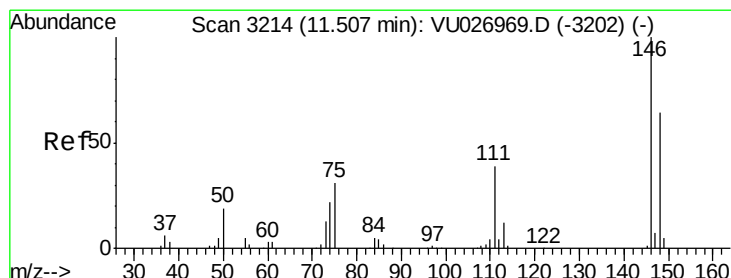
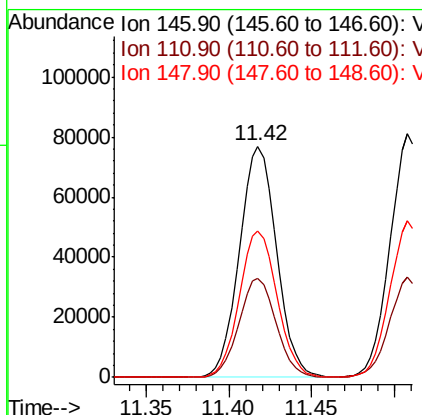
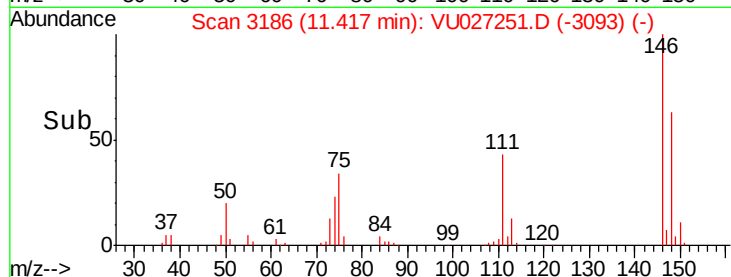
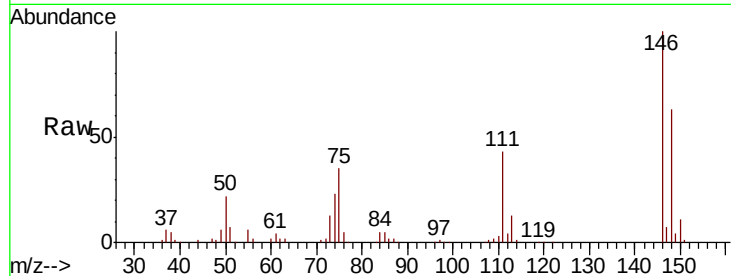




#87
 1,3-Dichlorobenzene
 Concen: 48.743 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027251.D
 Acq: 28 Sep 2018 02:02

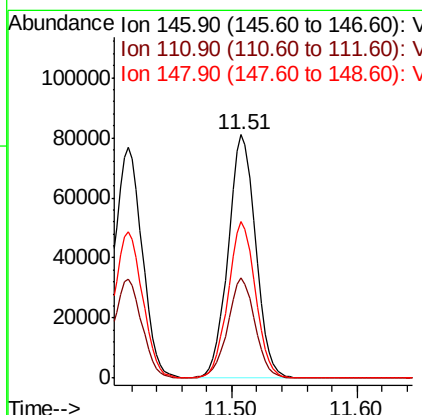
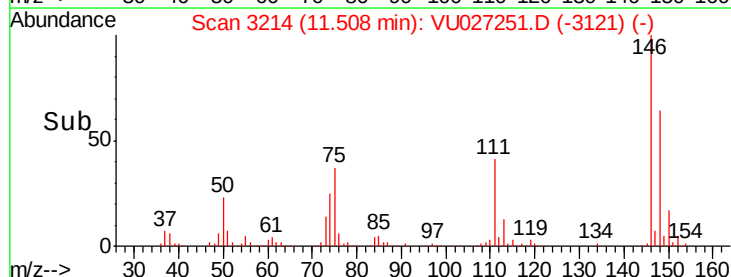
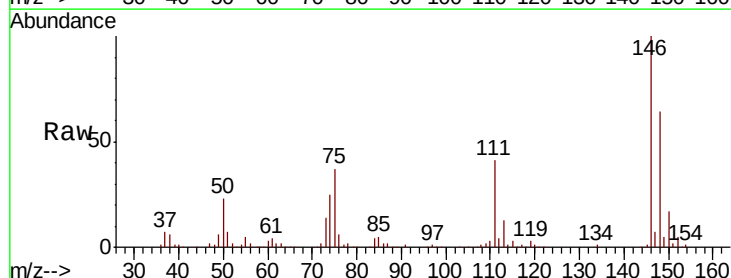
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW311I-20180919MS

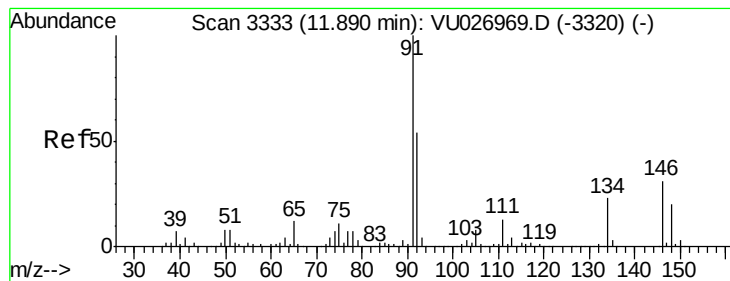
Tot Ion:146 Resp: 119905
 Ion Ratio Lower Upper
 146 100
 111 42.8 20.8 62.2
 148 64.3 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 45.856 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027251.D
 Acq: 28 Sep 2018 02:02

Tgt Ion:146 Resp: 122943
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.3 60.9
 148 63.7 31.9 95.9





#89

n-Butylbenzene

Concen: 45.767 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VU027251.D

Acq: 28 Sep 2018 02:02

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW311I-20180919MS

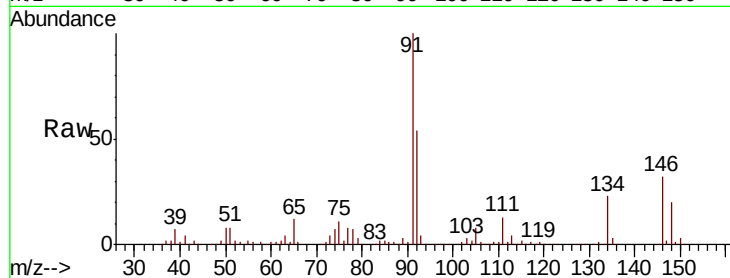
Tot Ion: 91 Resp: 223309

Ion Ratio Lower Upper

91 100

92 53.7 27.1 81.2

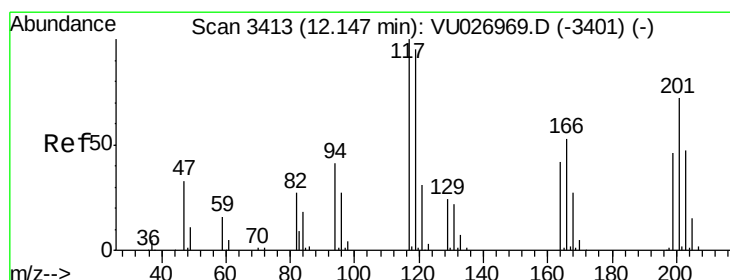
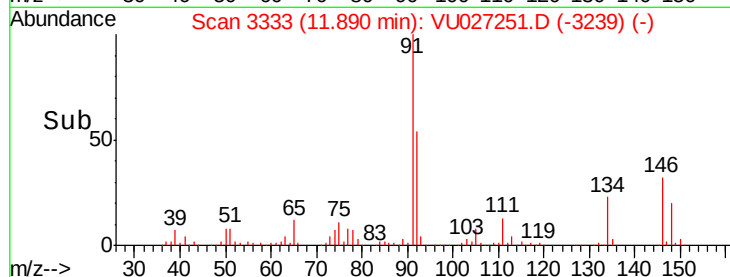
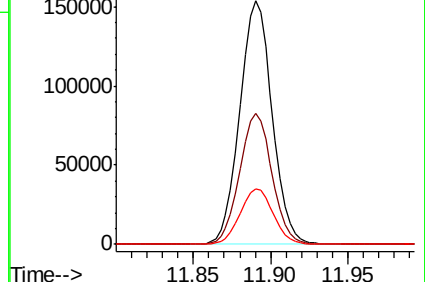
134 23.2 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-3320) (-)

Ion 92.00 (91.70 to 92.70): VU026969.D (-3320) (-)

Ion 134.00 (133.70 to 134.70): VU026969.D (-3320) (-)



#90

Hexachloroethane

Concen: 46.501 ug/l

RT: 12.15 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VU027251.D

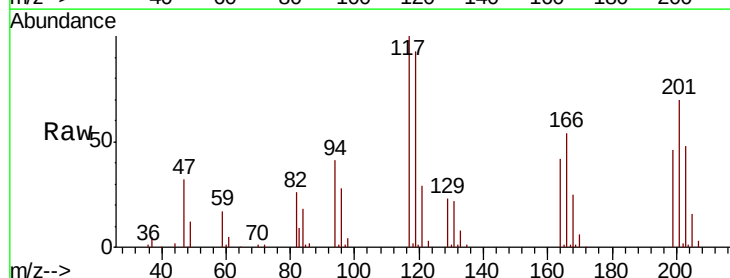
Acq: 28 Sep 2018 02:02

Tgt Ion: 117 Resp: 45571

Ion Ratio Lower Upper

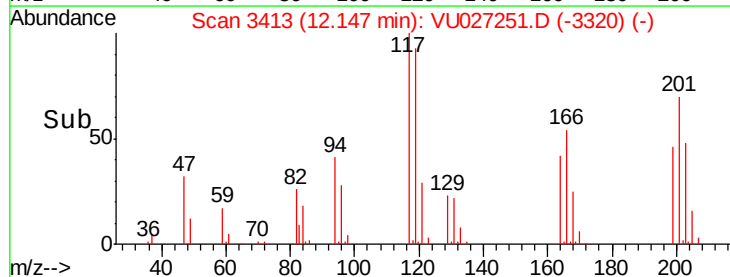
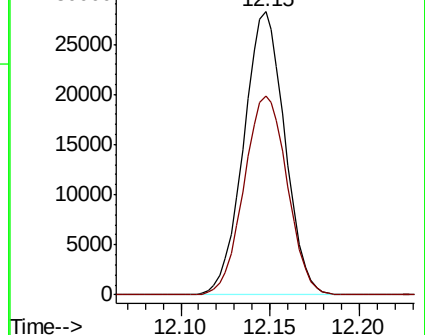
117 100

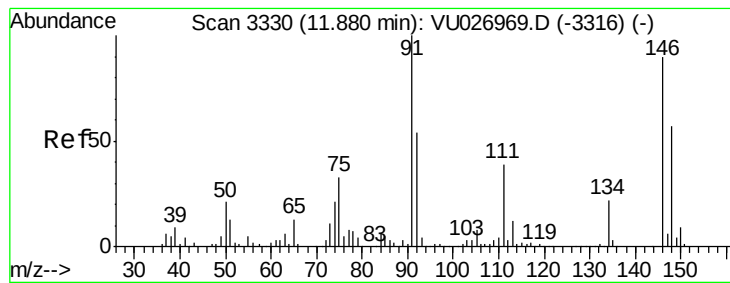
201 73.7 36.8 110.3



Abundance Ion 116.80 (116.50 to 117.50): VU026969.D (-3401) (-)

Ion 200.70 (200.40 to 201.40): VU026969.D (-3401) (-)





#91

1,2-Dichlorobenzene

Concen: 47.168 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU027251.D

Acq: 28 Sep 2018 02:02

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW311I-20180919MS

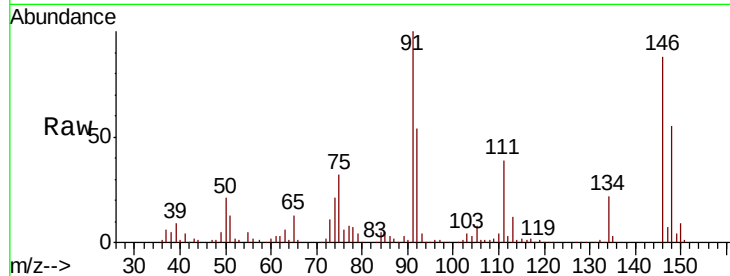
Tot Ion:146 Resp: 123253

Ion Ratio Lower Upper

146 100

111 44.6 21.8 65.3

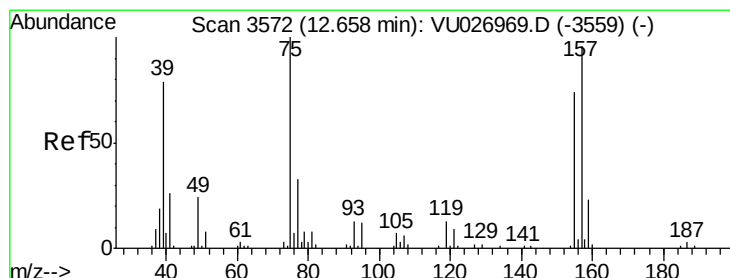
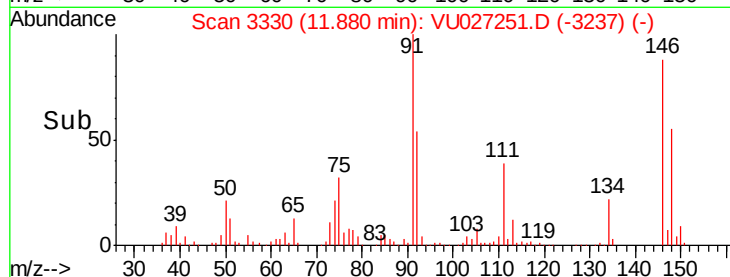
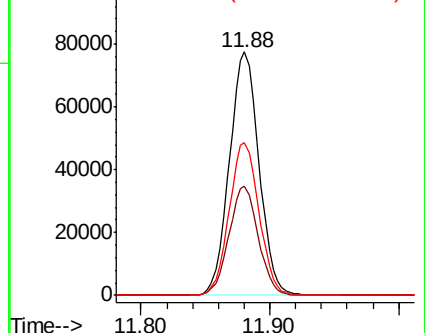
148 63.1 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.244 ug/l

RT: 12.66 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VU027251.D

Acq: 28 Sep 2018 02:02

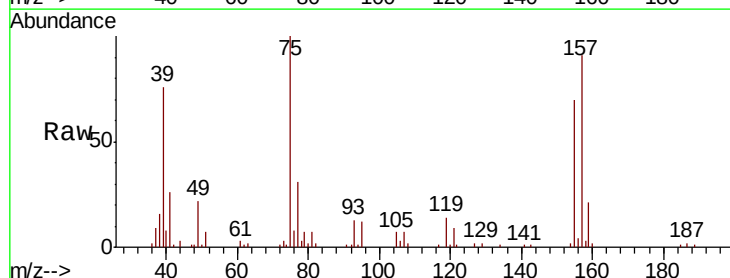
Tgt Ion: 75 Resp: 26001

Ion Ratio Lower Upper

75 100

155 71.5 36.6 109.8

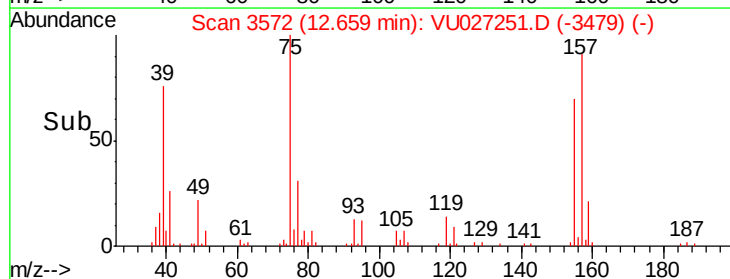
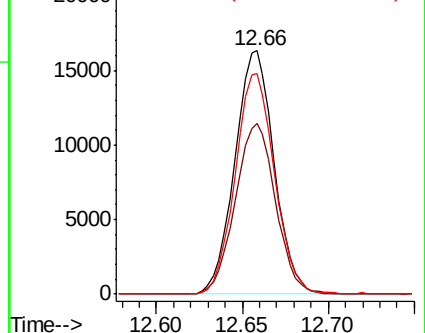
157 90.7 47.4 142.2

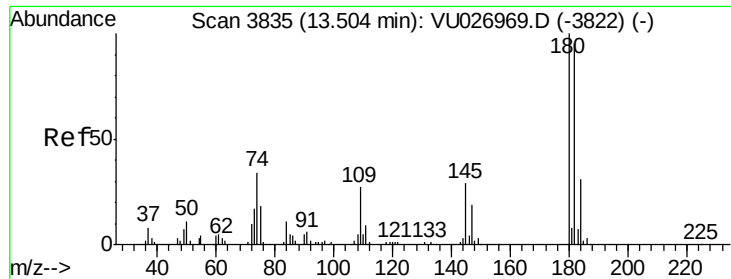


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

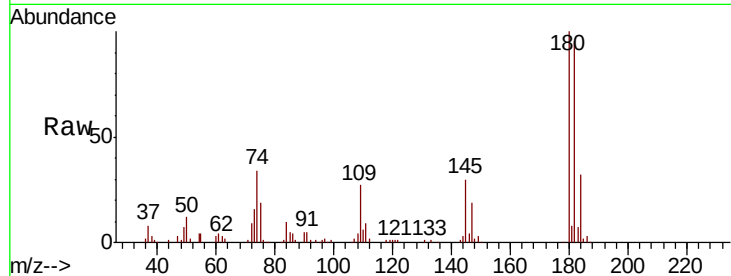




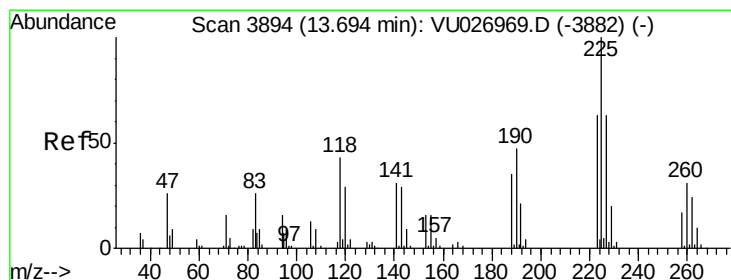
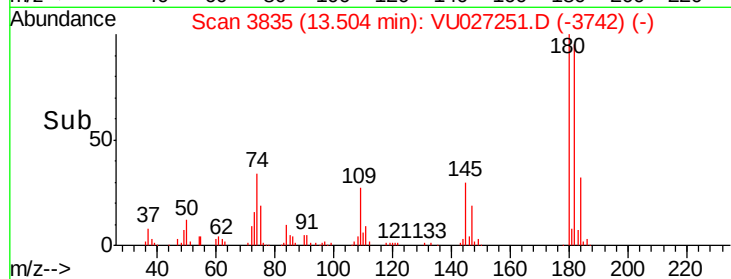
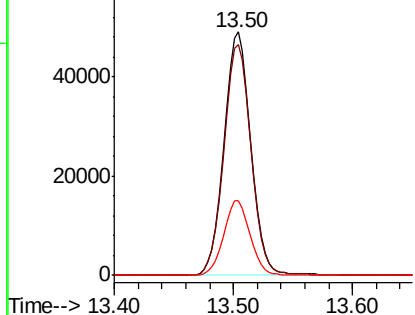
#93
 1,2,4-Trichlorobenzene
 Concen: 50.878 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027251.D
 Acq: 28 Sep 2018 02:02

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW311I-20180919MS

Tot Ion:180 Resp: 76613
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.4 142.2
 145 30.1 14.9 44.5

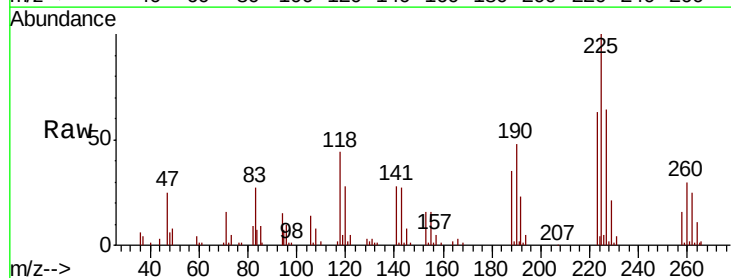


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

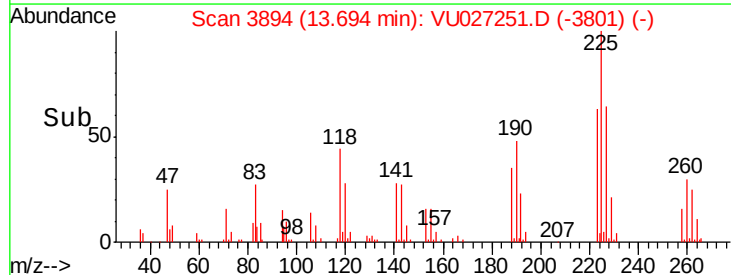
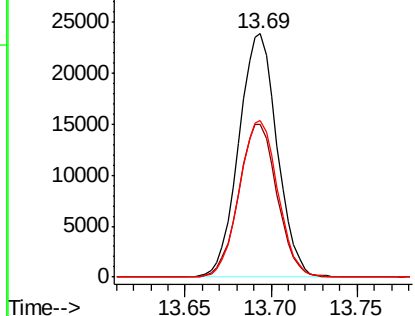


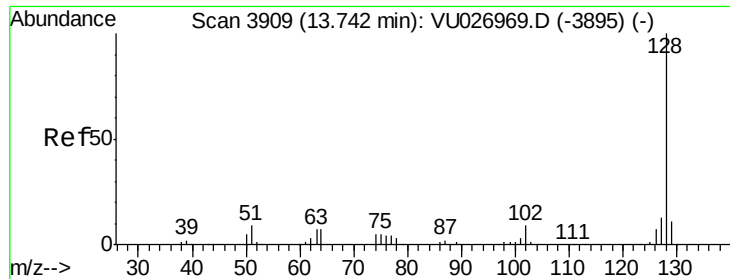
#94
 Hexachlorobutadiene
 Concen: 46.480 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027251.D
 Acq: 28 Sep 2018 02:02

Tgt Ion:225 Resp: 37033
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.9 95.7
 227 64.4 32.1 96.5



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

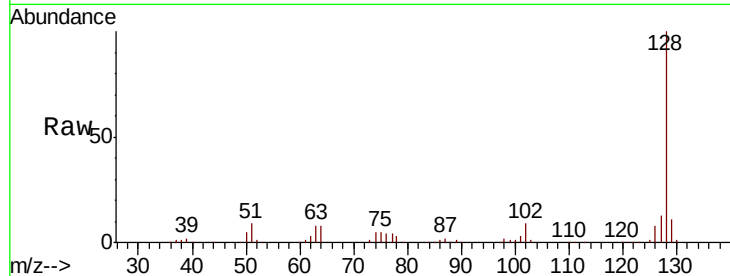




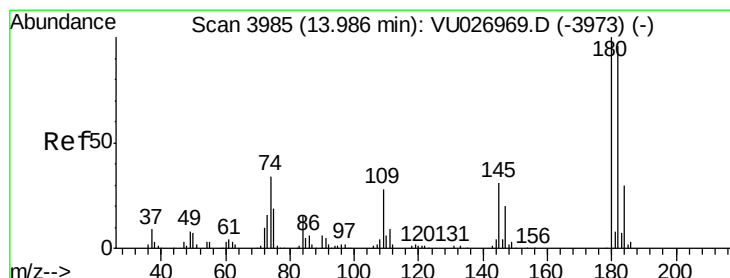
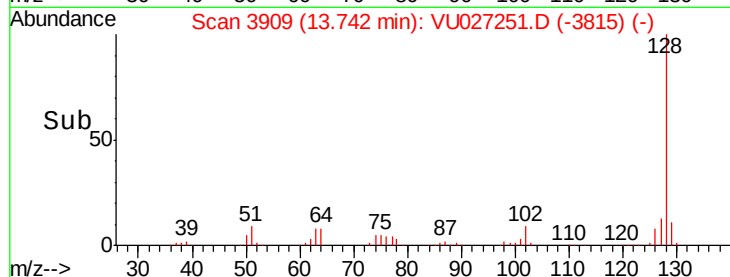
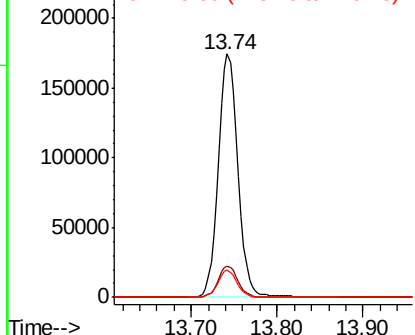
#95
Naphthalene
Concen: 47.227 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027251.D
Acq: 28 Sep 2018 02:02

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW311I-20180919MS

Tot Ion:128 Resp: 277480
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.7 8.6 12.8

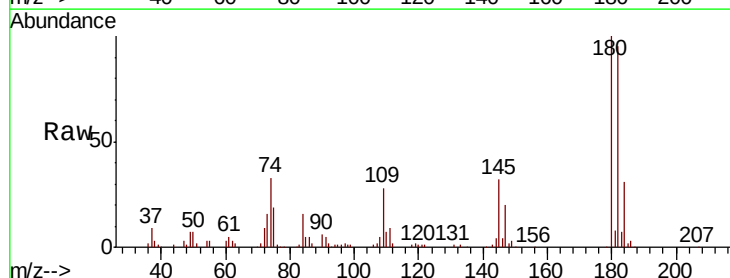


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 50.889 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027251.D
Acq: 28 Sep 2018 02:02

Tgt Ion:180 Resp: 82177
Ion Ratio Lower Upper
180 100
182 95.8 47.5 142.5
145 31.3 15.4 46.4



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

