

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U092818\
 Data File : VU027252.D
 Acq On : 28 Sep 2018 02:25
 Operator : MD/SY
 Sample : J5033-17MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Sep 28 03:45:17 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	77427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	132626	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	129376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	72059	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	75946	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
35) Dibromofluoromethane	4.88	113	54294	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
50) Toluene-d8	7.57	98	199521	45.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.08%	
62) 4-Bromofluorobenzene	10.31	95	75462	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	56777	56.164	ug/l	99
3) Chloromethane	1.33	50	79771	45.769	ug/l	99
4) Vinyl Chloride	1.40	62	83641	51.410	ug/l	99
5) Bromomethane	1.62	94	63023	68.024	ug/l	99
6) Chloroethane	1.69	64	51644	49.681	ug/l	99
7) Trichlorofluoromethane	1.88	101	94132	50.943	ug/l	96
8) Diethyl Ether	2.10	74	44552	50.092	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.29	101	55715	49.038	ug/l	99
10) Methyl Iodide	2.41	142	29217	20.734	ug/l	98
11) Tert butyl alcohol	2.83	59	85281	238.759	ug/l	98
12) 1,1-Dichloroethene	2.28	96	54588	51.046	ug/l	99
13) Acrolein	2.19	56	27988	145.357	ug/l	99
14) Allyl chloride	2.59	41	120953	55.765	ug/l	95
15) Acrylonitrile	2.94	53	243448	270.425	ug/l	99
16) Acetone	2.32	43	213489	258.468	ug/l	99
17) Carbon Disulfide	2.48	76	182621	52.422	ug/l	100
18) Methyl Acetate	2.62	43	120801	54.463	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	234492	59.671	ug/l	99
20) Methylene Chloride	2.70	84	69757	49.983	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	61203	53.605	ug/l	97
22) Diisopropyl ether	3.57	45	269114	58.009	ug/l	97
23) Vinyl Acetate	3.53	43	1058670	267.708	ug/l	99
24) 1,1-Dichloroethane	3.45	63	137248	53.715	ug/l	99
25) 2-Butanone	4.26	43	348076	265.785	ug/l	99
26) 2,2-Dichloropropane	4.23	77	82967	41.636	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	81671	63.340	ug/l	98
28) Bromochloromethane	4.55	49	66276	53.810	ug/l	95
29) Tetrahydrofuran	4.64	42	227754	287.485	ug/l	96
30) Chloroform	4.67	83	126752	53.443	ug/l	99
31) Cyclohexane	5.00	56	127454	54.932	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	102791	54.282	ug/l	99
36) 1,1-Dichloropropene	5.14	75	92910	52.490	ug/l	98
37) Ethyl Acetate	4.38	43	120647	50.350	ug/l	99
38) Carbon Tetrachloride	5.14	117	86785	51.522	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	105432	54.811	ug/l	97
40) Benzene	5.39	78	280736	52.173	ug/l	99
41) Methacrylonitrile	4.54	41	73324	58.921	ug/l	97
42) 1,2-Dichloroethane	5.40	62	107695	52.974	ug/l	100
43) Isopropyl Acetate	5.55	43	188729	54.007	ug/l	98
44) Trichloroethene	6.19	130	62276	54.364	ug/l	99
45) 1,2-Dichloropropane	6.43	63	81446	53.121	ug/l	99
46) Dibromomethane	6.56	93	48098	51.943	ug/l	99
47) Bromodichloromethane	6.76	83	95370	50.935	ug/l	99
48) Methyl methacrylate	6.62	41	100872	52.973	ug/l	98
49) 1,4-Dioxane	6.61	88	33589	889.042	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	668953	284.627	ug/l	100
52) Toluene	7.64	92	168754	54.713	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	109280	54.322	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	112857	51.022	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	67630	51.748	ug/l	99
56) Ethyl methacrylate	8.02	69	114306	50.390	ug/l	97
57) 1,3-Dichloropropane	8.24	76	131476	54.089	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.27	63	649	5.356	ug/l #	52
59) 2-Hexanone	8.36	43	509763	277.083	ug/l	99
60) Dibromochloromethane	8.48	129	68057	53.089	ug/l	98
61) 1,2-Dibromoethane	8.59	107	70672	51.972	ug/l	100
64) Tetrachloroethene	8.23	164	49896	50.050	ug/l	99
65) Chlorobenzene	9.12	112	171574	50.015	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	60776	51.437	ug/l	99
67) Ethyl Benzene	9.25	91	310613	55.064	ug/l	100
68) m/p-Xylenes	9.38	106	232686	101.826	ug/l	99
69) o-Xylene	9.78	106	111168	55.622	ug/l	98
70) Styrene	9.79	104	187531	50.243	ug/l	100
71) Bromoform	9.96	173	49349	54.010	ug/l #	98
73) Isopropylbenzene	10.17	105	301528	55.009	ug/l	100
74) N-amyl acetate	10.01	43	163003	51.374	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	118737	47.114	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	135609	61.946	ug/l	84
77) Bromobenzene	10.45	156	68268	50.966	ug/l	96
78) n-propylbenzene	10.59	91	366874	56.566	ug/l	99
79) 2-Chlorotoluene	10.66	91	218775	53.701	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	253355	55.992	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	135609	198.240	ug/l #	100
82) 4-Chlorotoluene	10.77	91	250071	54.744	ug/l	99
83) tert-Butylbenzene	11.10	119	239532	53.545	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	259439	56.340	ug/l	99
85) sec-Butylbenzene	11.32	105	302695	55.431	ug/l	100
86) p-Isopropyltoluene	11.48	119	256952	50.144	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	126147	50.608	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	127940	47.094	ug/l	99
89) n-Butylbenzene	11.89	91	238200	48.053	ug/l	99
90) Hexachloroethane	12.15	117	47139	47.470	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	126477	47.767	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	26350	51.251	ug/l	98

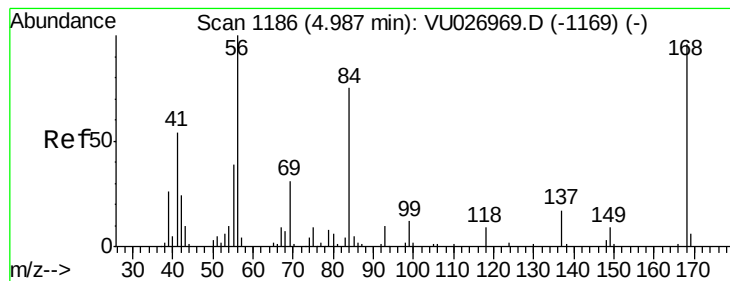
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092818\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	80718	52.901	ug/l	99
94) Hexachlorobutadiene	13.69	225	39487	48.910	ug/l	98
95) Naphthalene	13.74	128	290407	48.723	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	86682	52.975	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: VU027252.D

Acq: 28 Sep 2018 02:25

Instrument :

MSVOA_U

ClientSampleId :

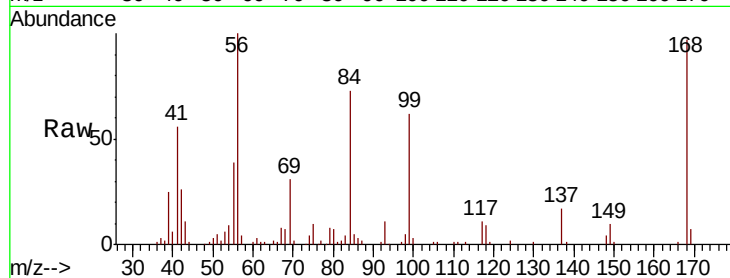
BPSI-TT-MW311I-20180919MSD

Tot Ion:168 Resp: 77427

Ion Ratio Lower Upper

168 100

99 62.6 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

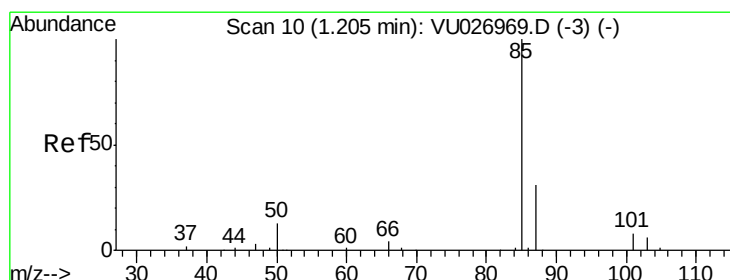
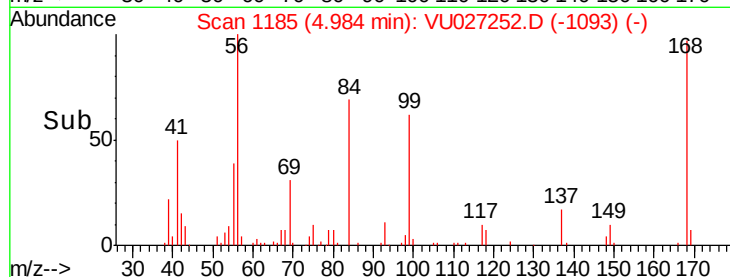
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 56.164 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027252.D

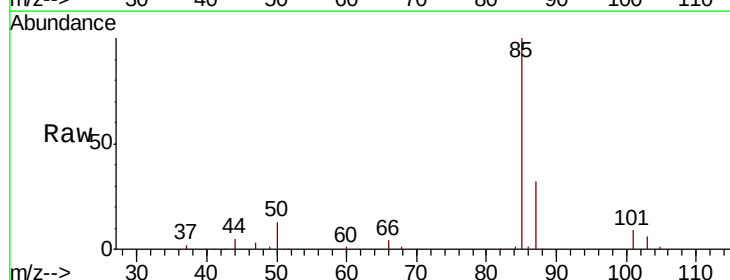
Acq: 28 Sep 2018 02:25

Tgt Ion: 85 Resp: 56777

Ion Ratio Lower Upper

85 100

87 31.8 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

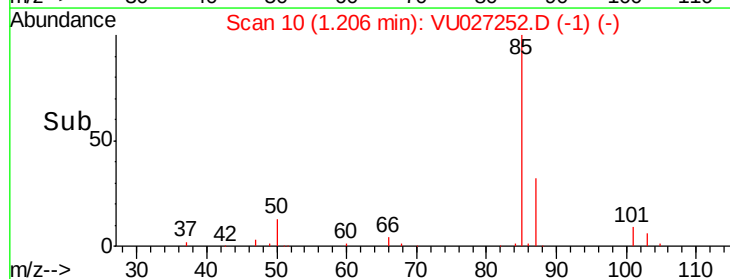
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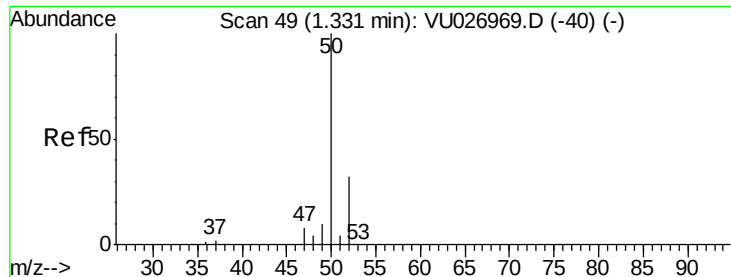
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 45.769 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027252.D

Acq: 28 Sep 2018 02:25

Instrument :

MSVOA_U

ClientSampleId :

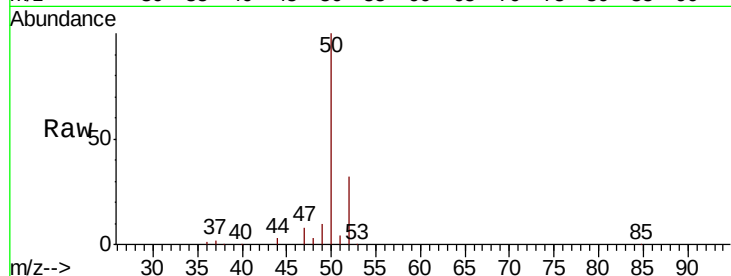
BPSI-TT-MW311I-20180919MSD

Tot Ion: 50 Resp: 79771

Ion Ratio Lower Upper

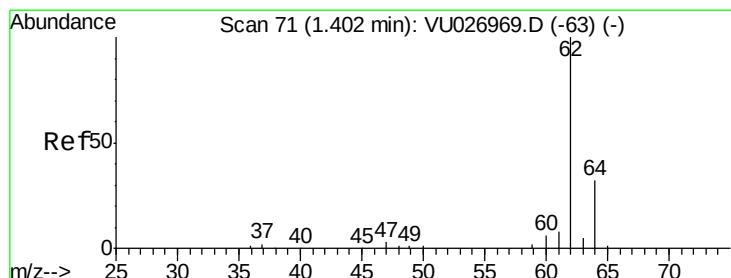
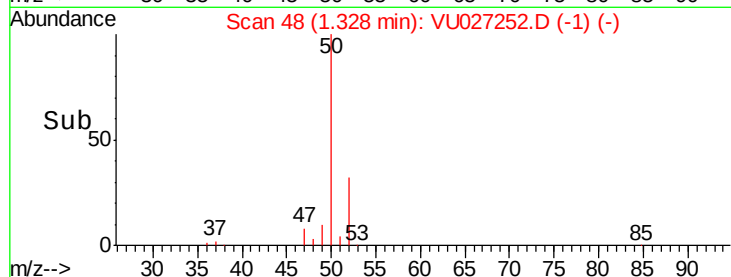
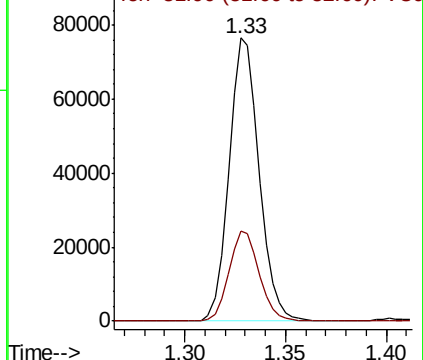
50 100

52 31.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 51.410 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027252.D

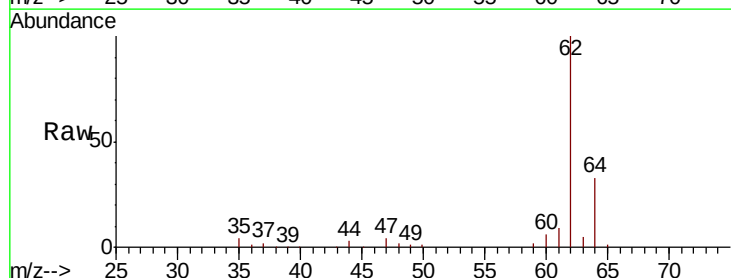
Acq: 28 Sep 2018 02:25

Tgt Ion: 62 Resp: 83641

Ion Ratio Lower Upper

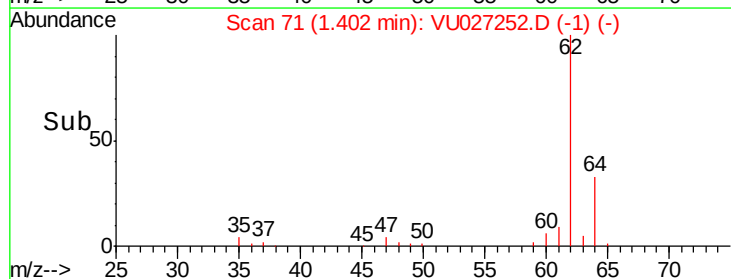
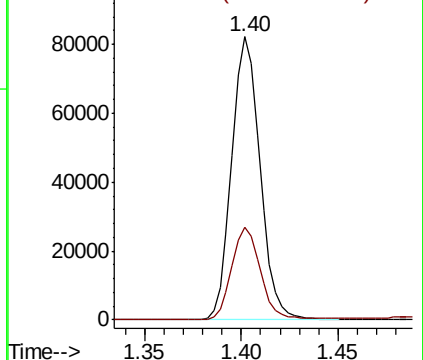
62 100

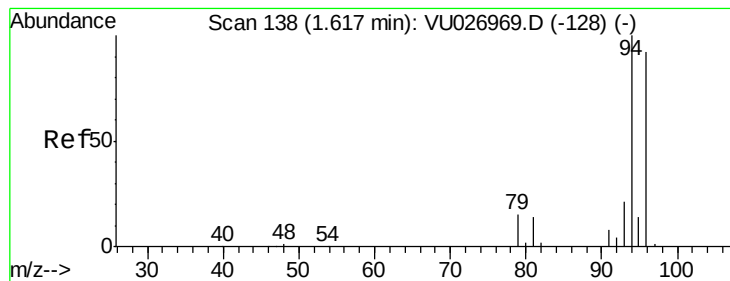
64 32.5 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 68.024 ug/l

RT: 1.62 min Scan# 139

Delta R.T. 0.00 min

Lab File: VU027252.D

Acq: 28 Sep 2018 02:25

Instrument :

MSVOA_U

ClientSampleId :

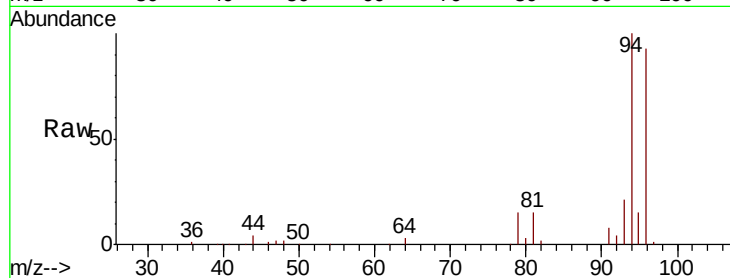
BPSI-TT-MW311I-20180919MSD

Tot Ion: 94 Resp: 63023

Ion Ratio Lower Upper

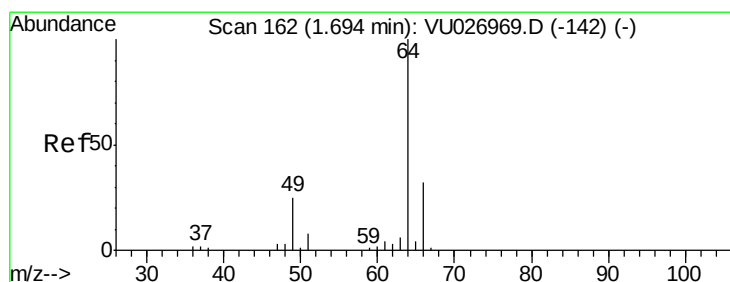
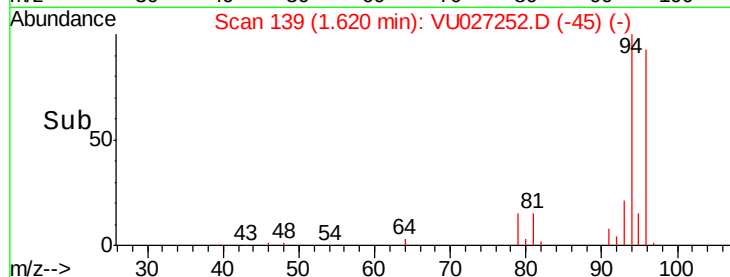
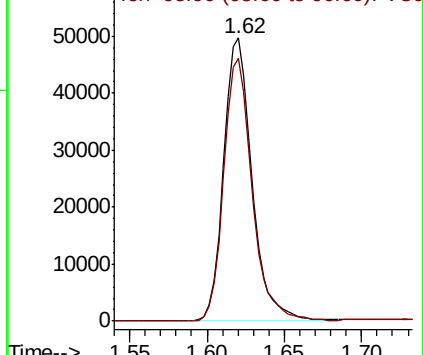
94 100

96 92.7 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 49.681 ug/l

RT: 1.69 min Scan# 162

Delta R.T. 0.00 min

Lab File: VU027252.D

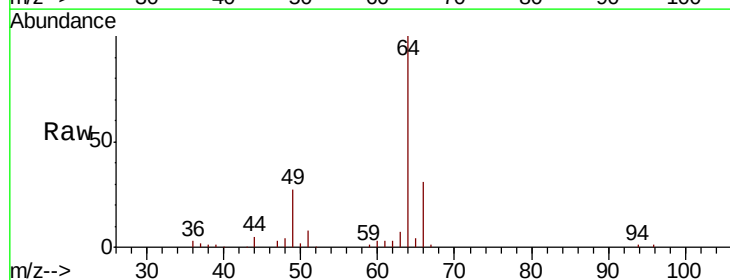
Acq: 28 Sep 2018 02:25

Tgt Ion: 64 Resp: 51644

Ion Ratio Lower Upper

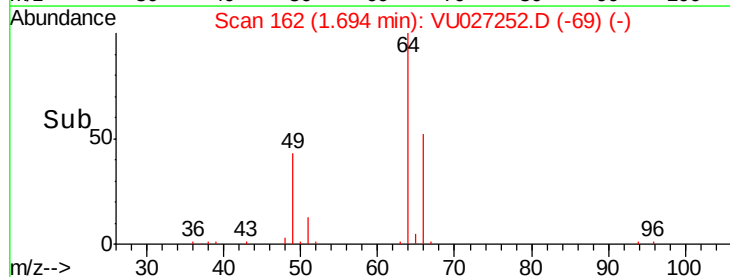
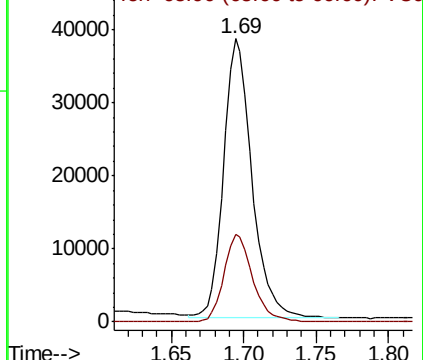
64 100

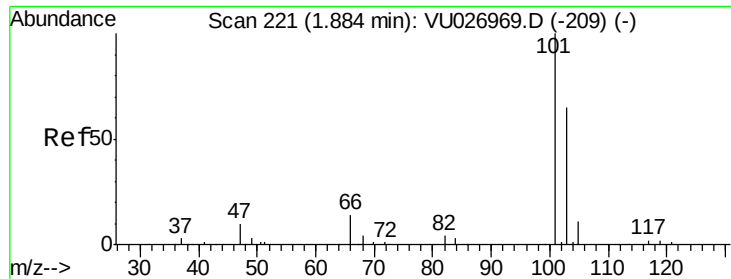
66 31.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



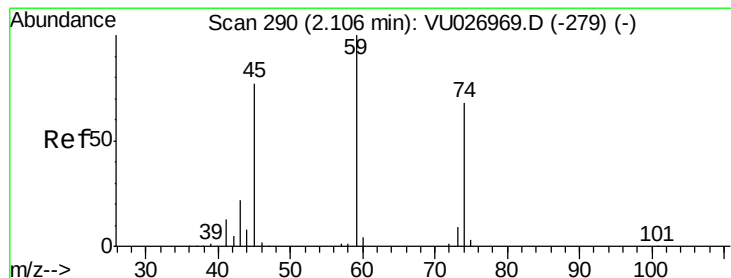
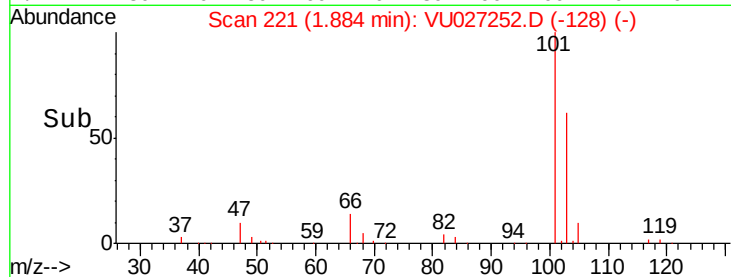
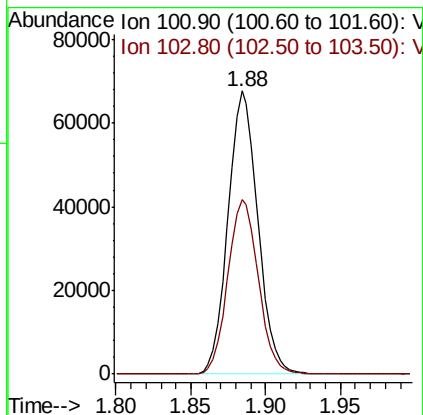
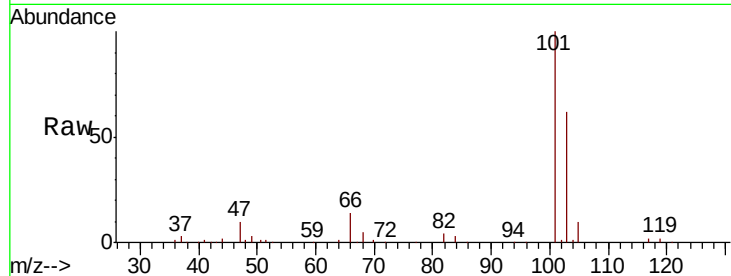


#7

Trichlorofluoromethane
 Concen: 50.943 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VU027252.D
 Acq: 28 Sep 2018 02:25

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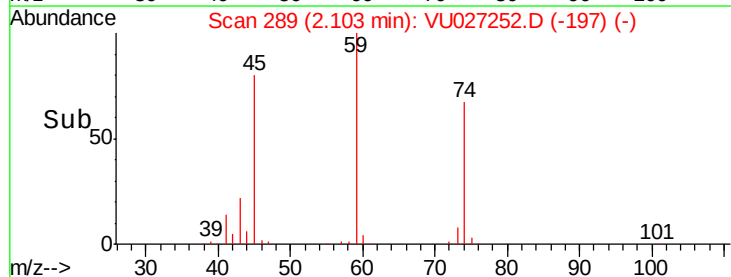
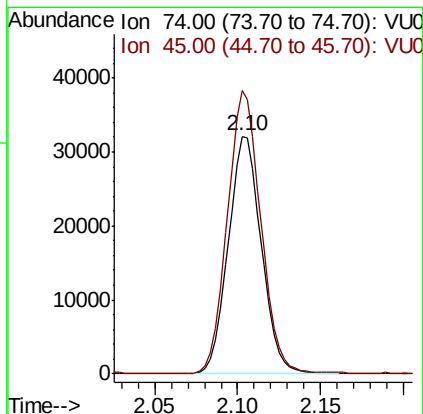
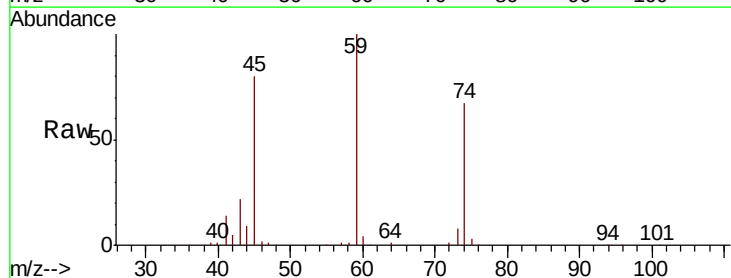
Tot Ion:101 Resp: 94132
 Ion Ratio Lower Upper
 101 100
 103 61.9 52.2 78.2

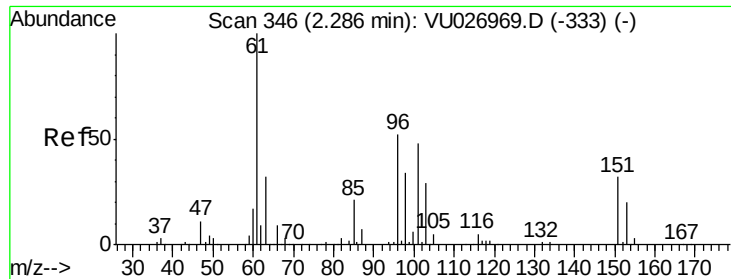


#8

Diethyl Ether
 Concen: 50.092 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027252.D
 Acq: 28 Sep 2018 02:25

Tgt Ion: 74 Resp: 44552
 Ion Ratio Lower Upper
 74 100
 45 121.1 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.038 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027252.D

Acq: 28 Sep 2018 02:25

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW311I-20180919MSD

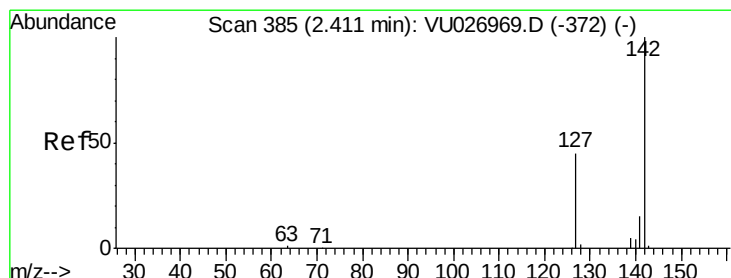
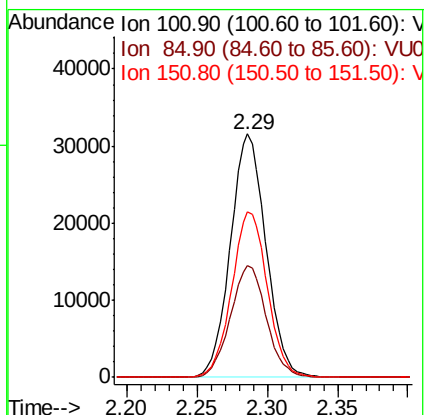
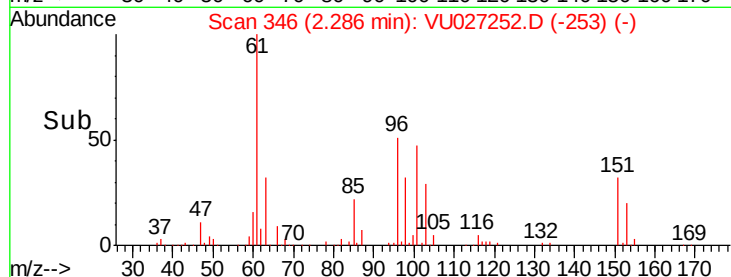
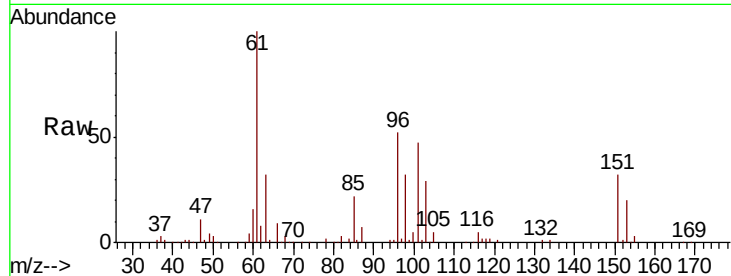
Tot Ion:101 Resp: 55715

Ion Ratio Lower Upper

101 100

85 46.3 36.2 54.2

151 67.9 54.5 81.7



#10

Methyl Iodide

Concen: 20.734 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU027252.D

Acq: 28 Sep 2018 02:25

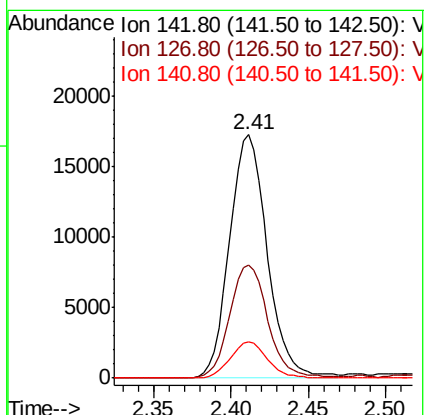
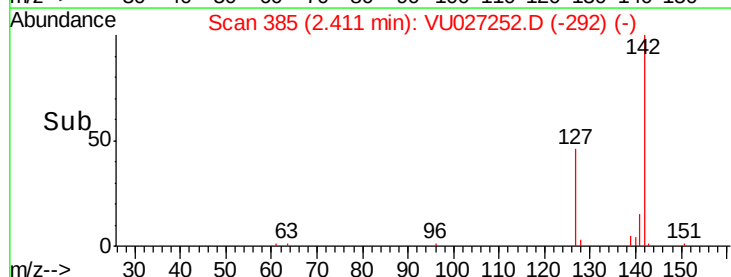
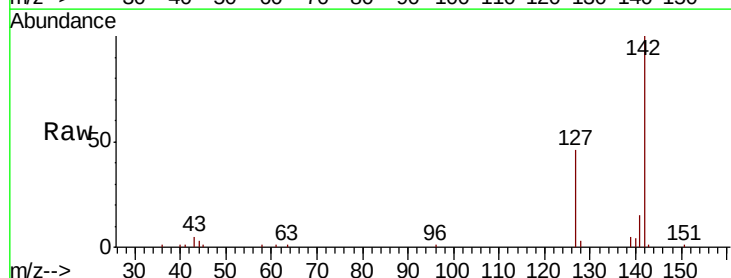
Tgt Ion:142 Resp: 29217

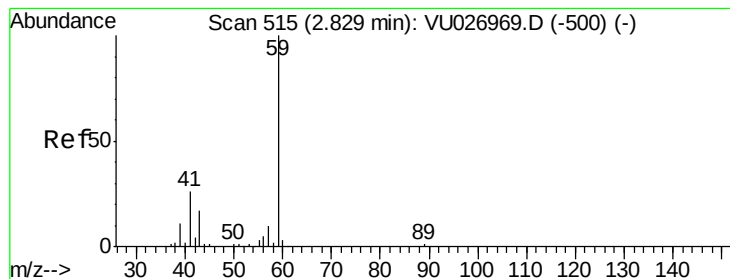
Ion Ratio Lower Upper

142 100

127 47.1 36.7 55.1

141 14.5 11.8 17.6



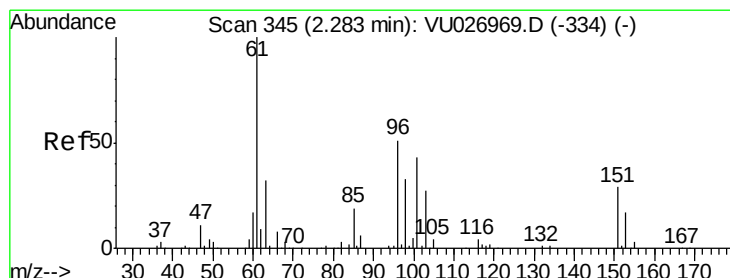
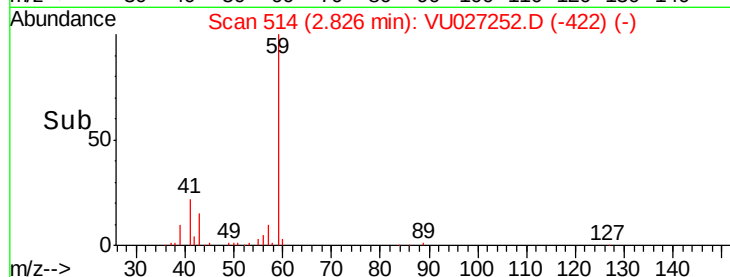
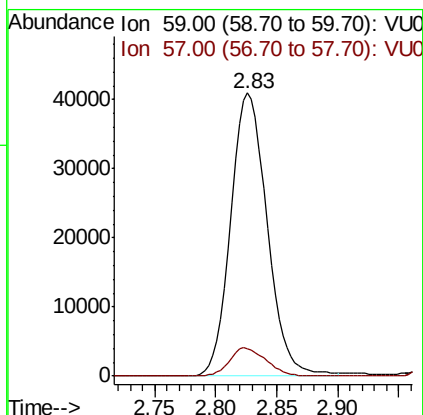
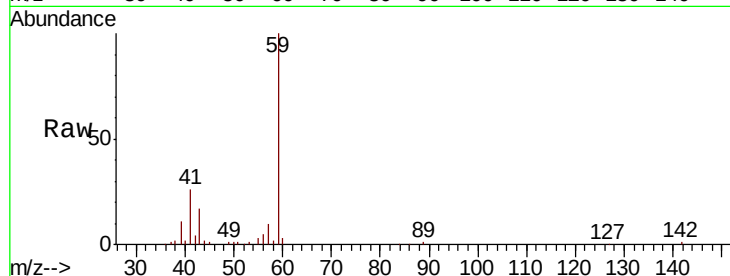


#11

Tert butyl alcohol
 Concen: 238.759 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: VU027252.D
 Acq: 28 Sep 2018 02:25

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

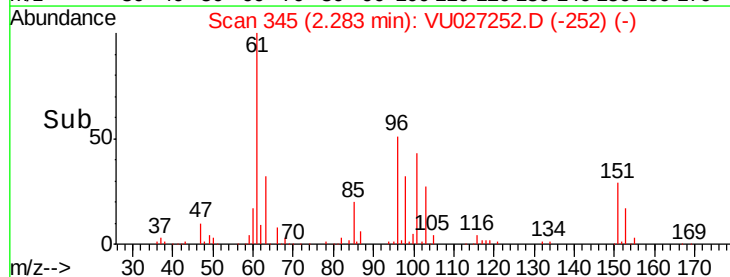
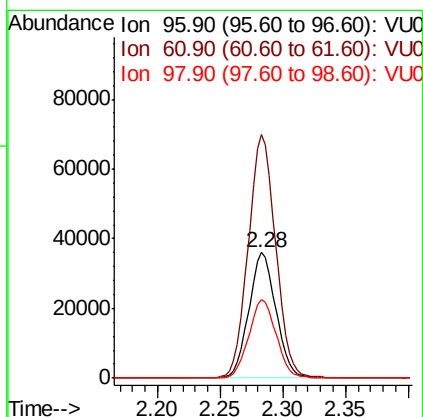
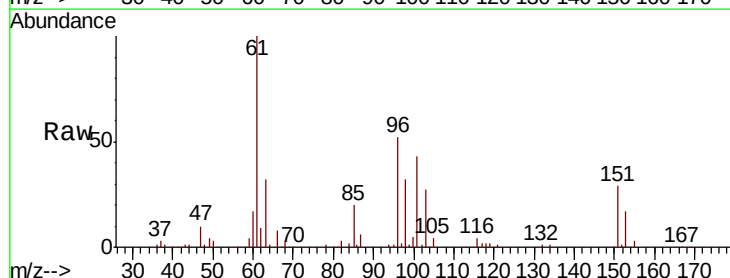
Tot Ion: 59 Resp: 85281
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.5 12.7

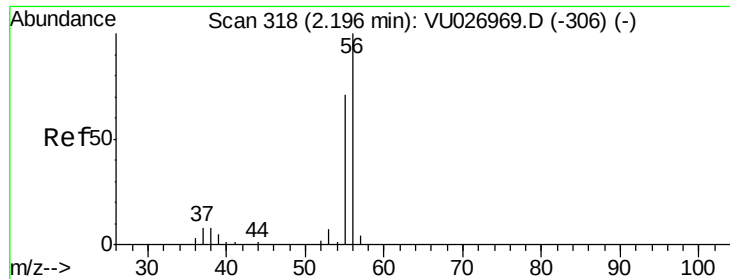


#12

1,1-Dichloroethene
 Concen: 51.046 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU027252.D
 Acq: 28 Sep 2018 02:25

Tgt Ion: 96 Resp: 54588
 Ion Ratio Lower Upper
 96 100
 61 193.9 156.1 234.1
 98 62.3 51.4 77.0





#13

Acrolein

Concen: 145.357 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU027252.D

Acq: 28 Sep 2018 02:25

Instrument :

MSVOA_U

ClientSampleId :

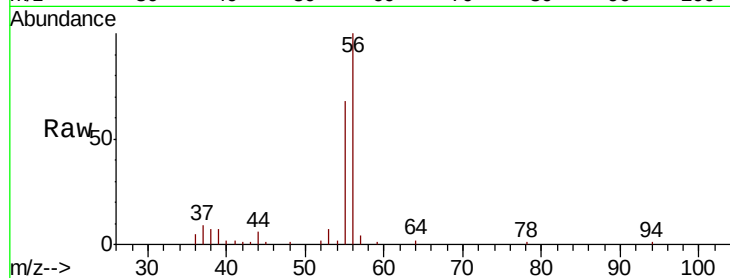
BPSI-TT-MW311I-20180919MSD

Tot Ion: 56 Resp: 27988

Ion Ratio Lower Upper

56 100

55 70.2 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

20000

15000

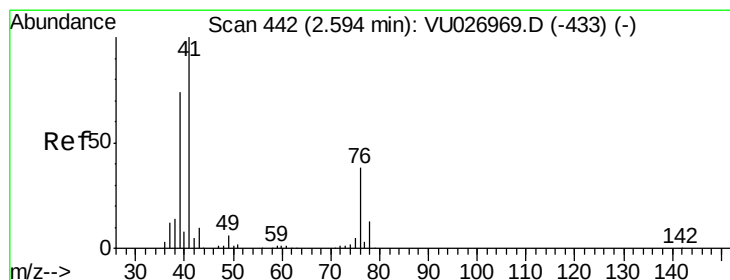
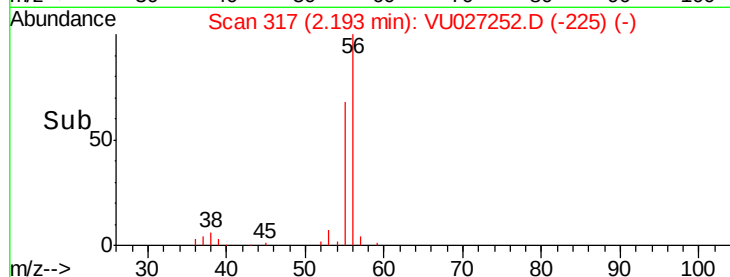
10000

5000

0

2.15 2.20 2.25 2.30

Time-->



#14

Allyl chloride

Concen: 55.765 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027252.D

Acq: 28 Sep 2018 02:25

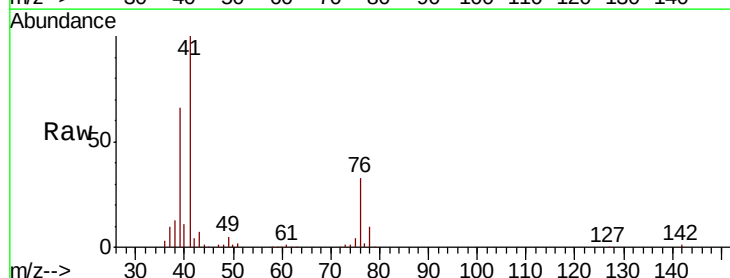
Tgt Ion: 41 Resp: 120953

Ion Ratio Lower Upper

41 100

39 64.0 55.7 83.5

76 32.6 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

80000

60000

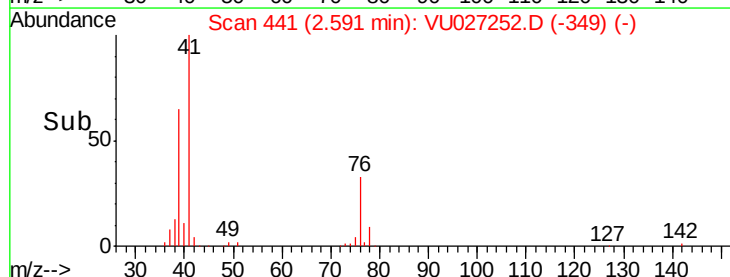
40000

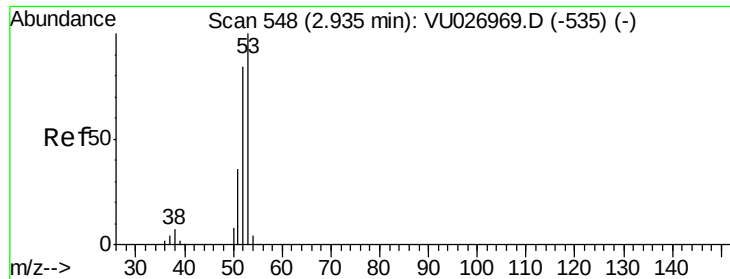
20000

0

2.55 2.60 2.65

Time-->





#15

Acrylonitrile

Concen: 270.425 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027252.D

Acq: 28 Sep 2018 02:25

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW311I-20180919MSD

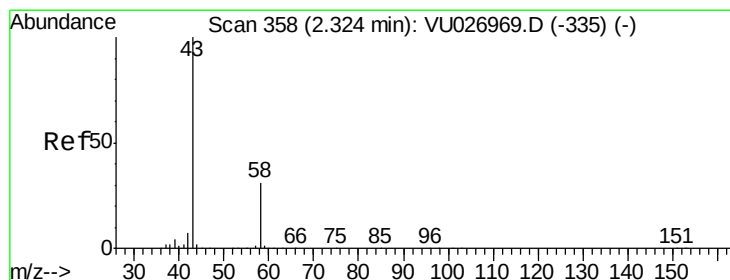
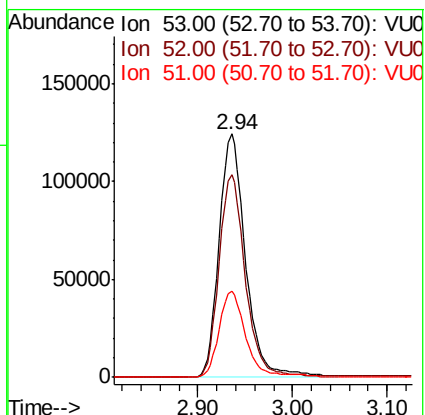
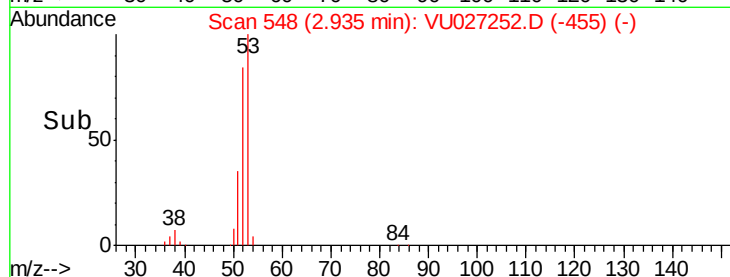
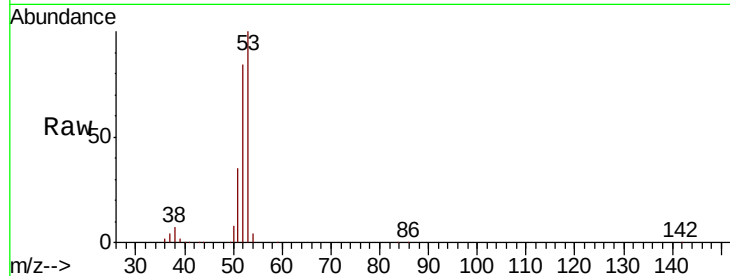
Tot Ion: 53 Resp: 243448

Ion Ratio Lower Upper

53 100

52 82.1 65.7 98.5

51 36.2 27.4 41.2



#16

Acetone

Concen: 258.468 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027252.D

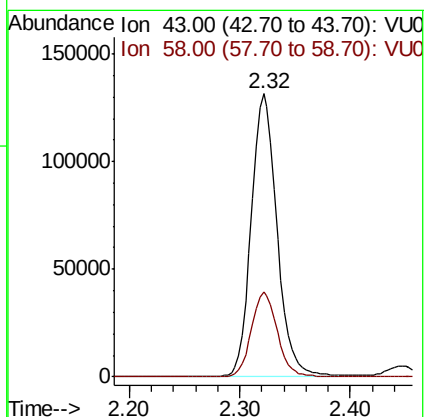
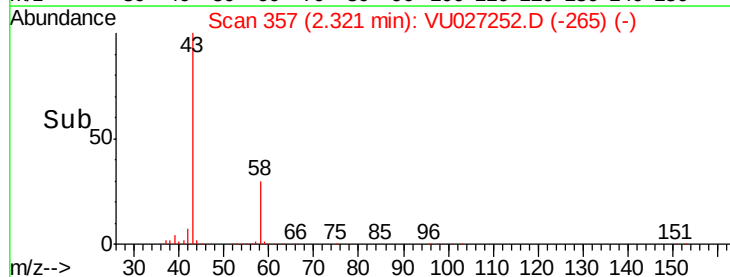
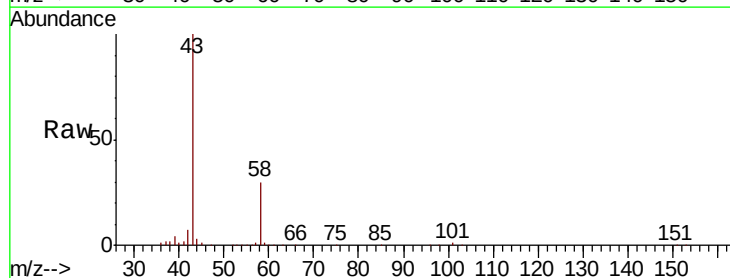
Acq: 28 Sep 2018 02:25

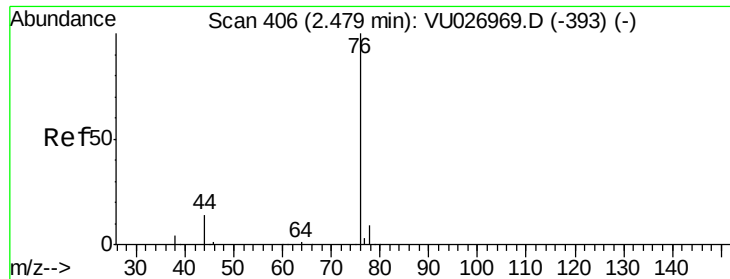
Tgt Ion: 43 Resp: 213489

Ion Ratio Lower Upper

43 100

58 30.0 24.6 36.8

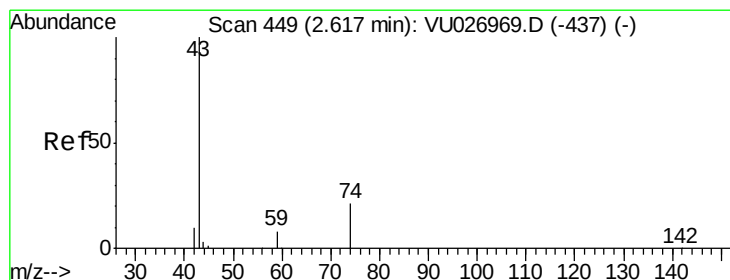
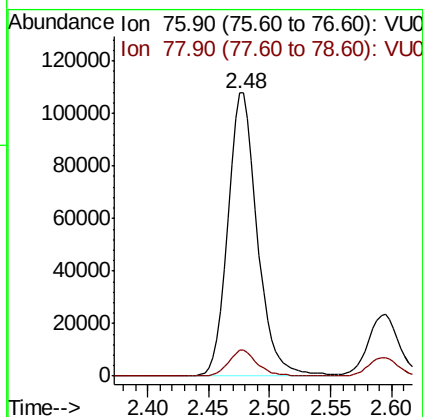
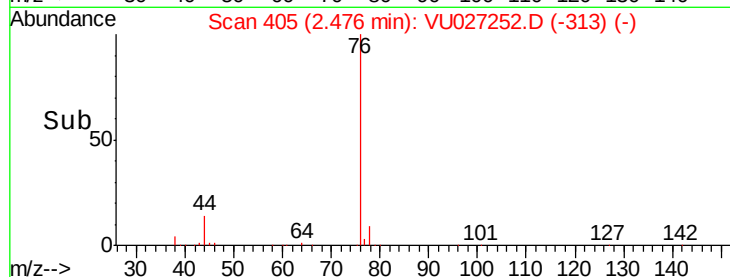
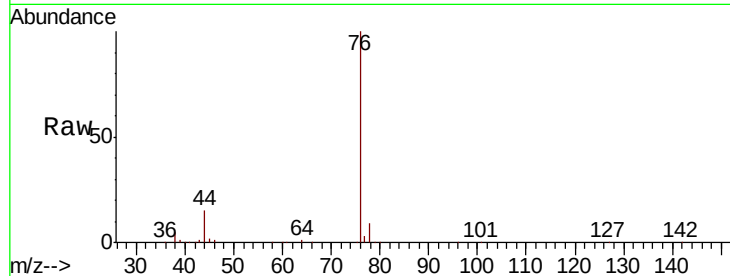




#17
Carbon Disulfide
Concen: 52.422 ug/l
RT: 2.48 min Scan# 405
Delta R.T. -0.00 min
Lab File: VU027252.D
Acq: 28 Sep 2018 02:25

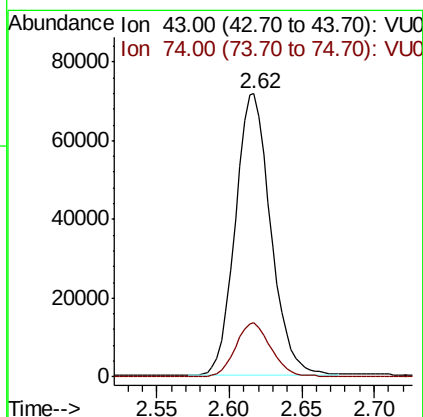
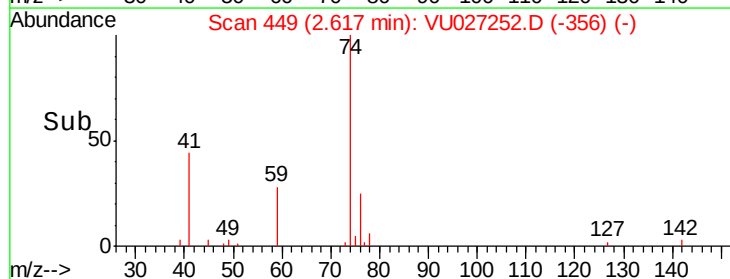
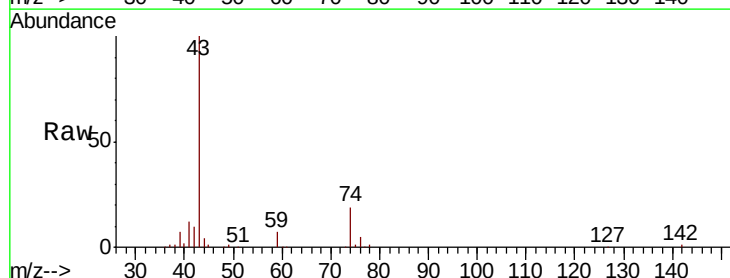
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

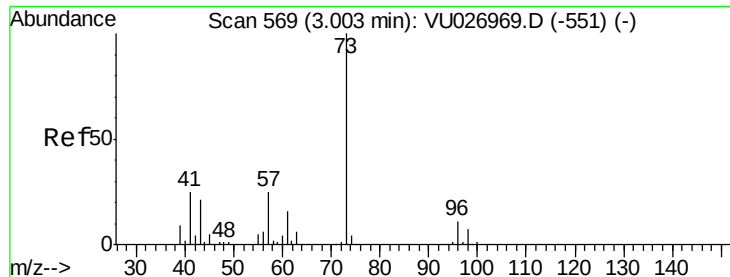
Tot Ion: 76 Resp: 182621
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 54.463 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU027252.D
Acq: 28 Sep 2018 02:25

Tgt Ion: 43 Resp: 120801
Ion Ratio Lower Upper
43 100
74 19.6 16.6 25.0

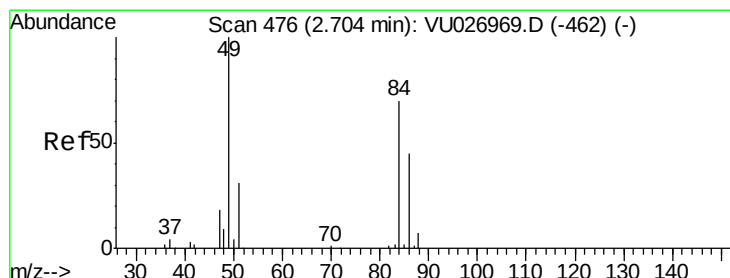
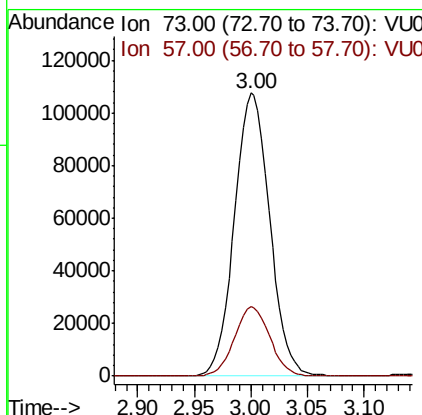
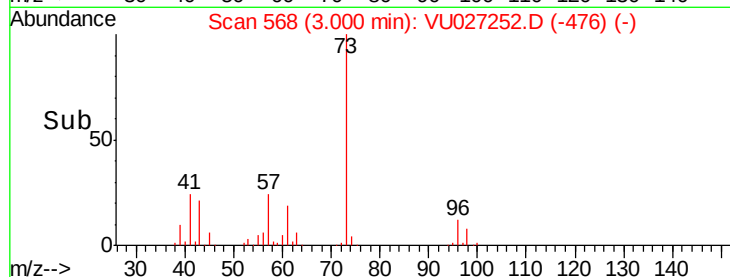
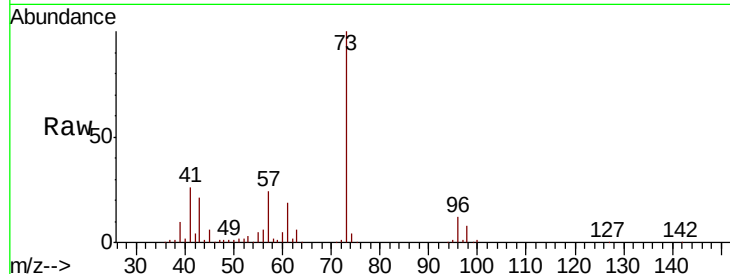




#19
Methyl tert-butyl Ether
Concen: 59.671 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027252.D
Acq: 28 Sep 2018 02:25

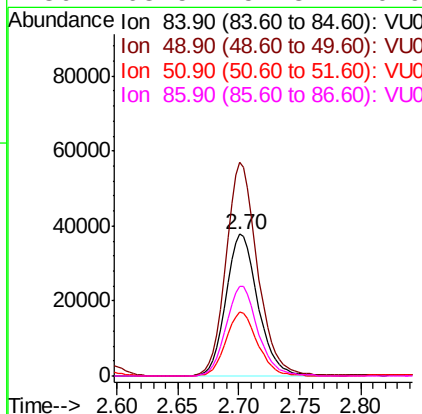
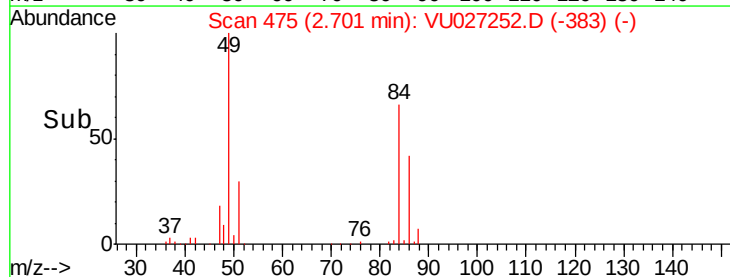
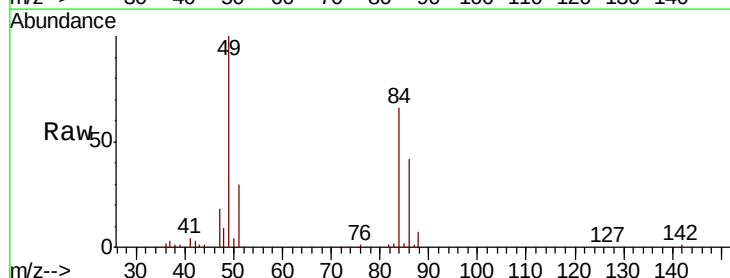
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

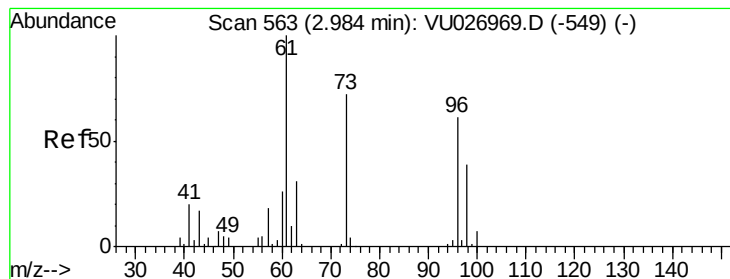
Tot Ion: 73 Resp: 234492
Ion Ratio Lower Upper
73 100
57 24.4 19.8 29.6



#20
Methylene Chloride
Concen: 49.983 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027252.D
Acq: 28 Sep 2018 02:25

Tgt Ion: 84 Resp: 69757
Ion Ratio Lower Upper
84 100
49 150.9 114.9 172.3
51 44.8 35.8 53.8
86 63.5 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 53.605 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027252.D

Acq: 28 Sep 2018 02:25

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW311I-20180919MSD

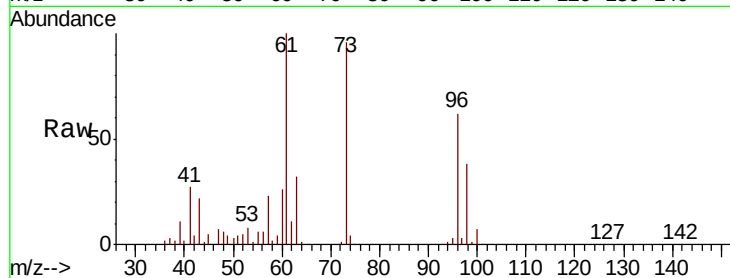
Tot Ion: 96 Resp: 61203

Ion Ratio Lower Upper

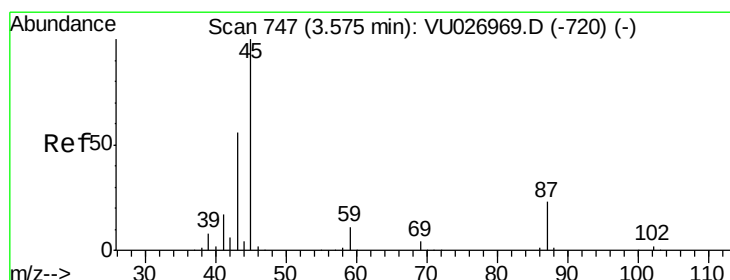
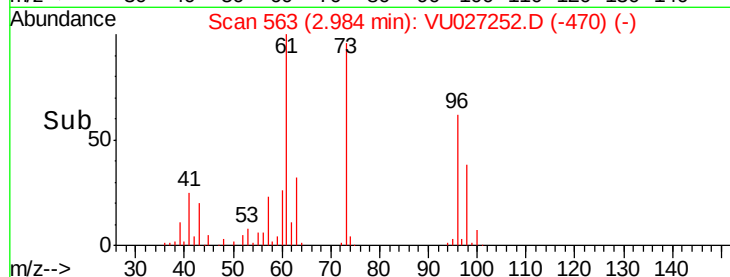
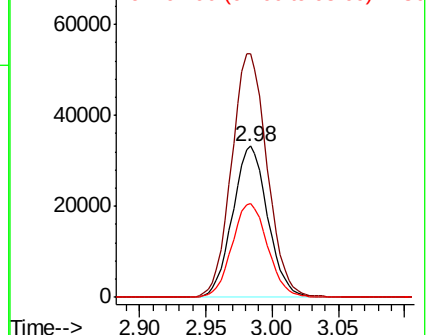
96 100

61 160.7 131.8 197.6

98 61.7 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: 58.009 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027252.D

Acq: 28 Sep 2018 02:25

Tgt Ion: 45 Resp: 269114

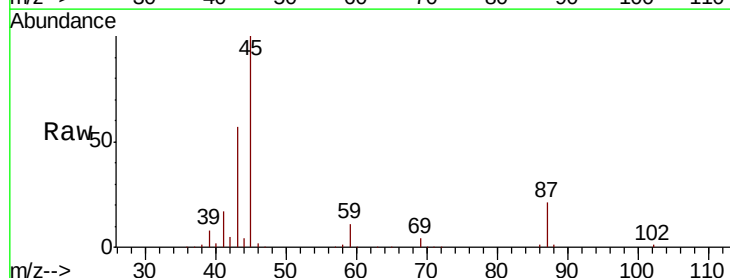
Ion Ratio Lower Upper

45 100

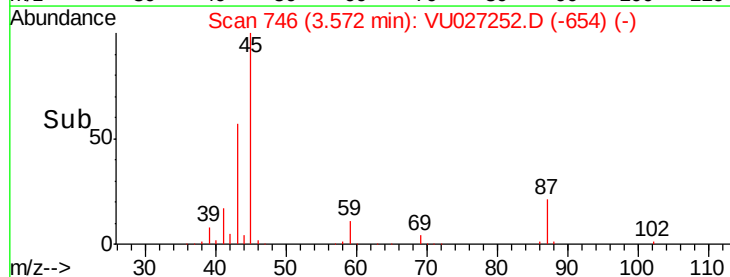
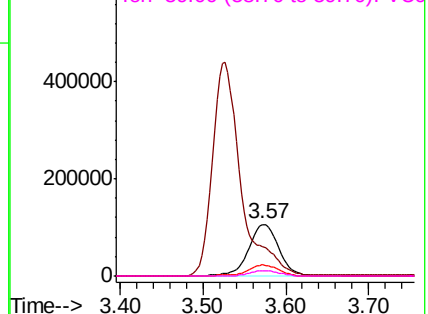
43 55.5 45.8 68.6

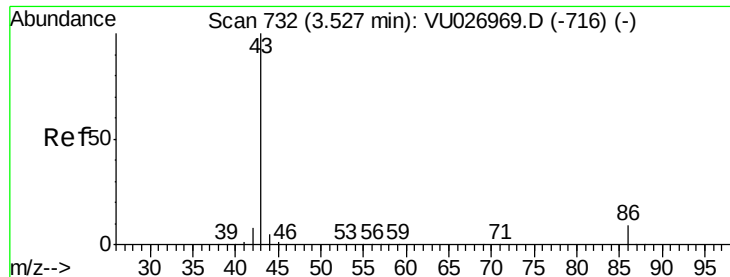
87 21.2 18.6 28.0

59 10.6 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: 267.708 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU027252.D

Acq: 28 Sep 2018 02:25

Instrument :

MSVOA_U

ClientSampleId :

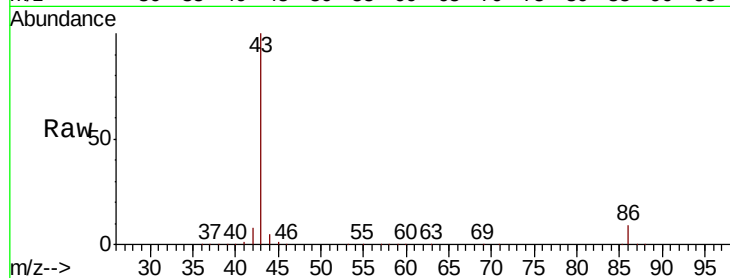
BPSI-TT-MW311I-20180919MSD

Tot Ion: 43 Resp: 1058670

Ion Ratio Lower Upper

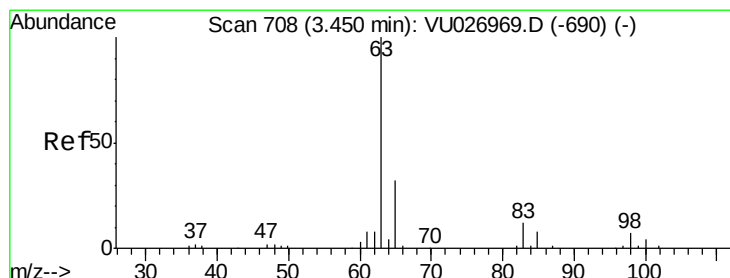
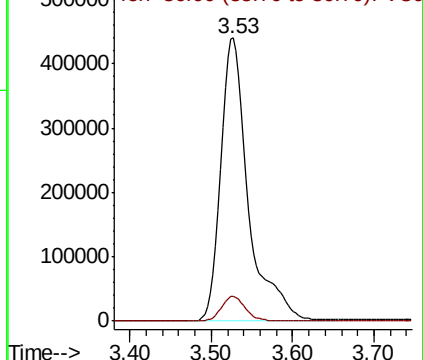
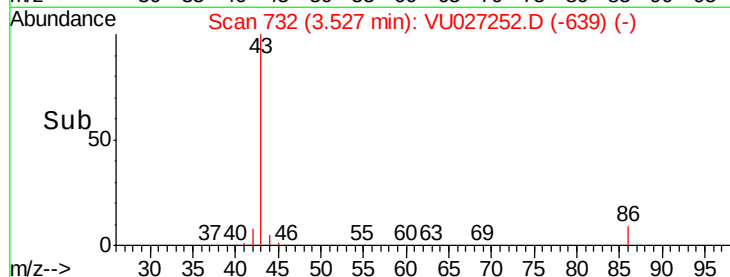
43 100

86 8.8 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VU027252.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU027252.D (-639) (-)



#24

1,1-Dichloroethane

Concen: 53.715 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027252.D

Acq: 28 Sep 2018 02:25

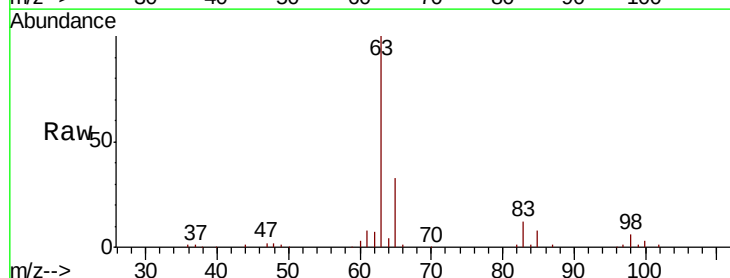
Tgt Ion: 63 Resp: 137248

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

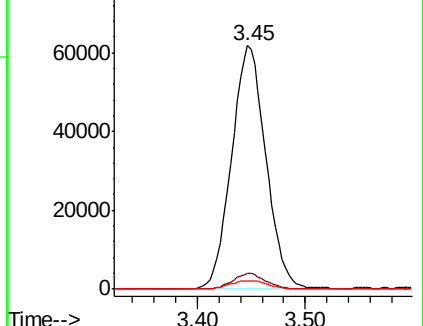
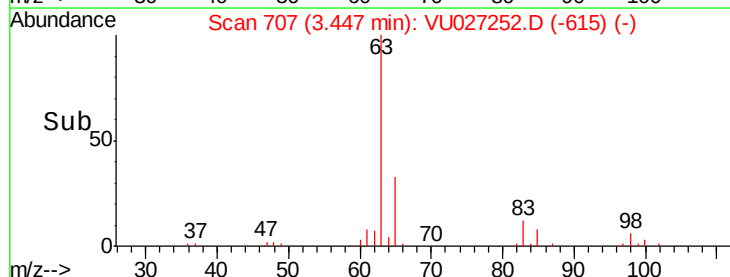
100 3.5 2.0 5.8

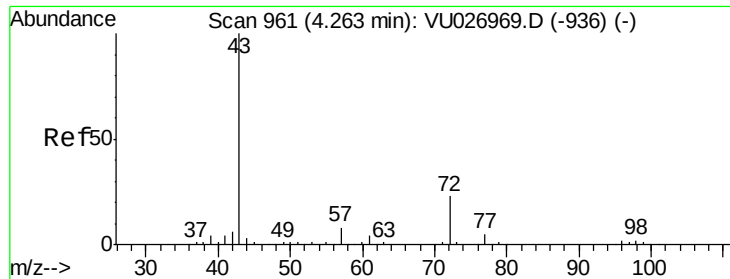


Abundance Ion 62.90 (62.60 to 63.60): VU027252.D (-615) (-)

Ion 97.90 (97.60 to 98.60): VU027252.D (-615) (-)

Ion 99.90 (99.60 to 100.60): VU027252.D (-615) (-)





#25

2-Butanone

Concen: 265.785 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU027252.D

Acq: 28 Sep 2018 02:25

Instrument :

MSVOA_U

ClientSampleId :

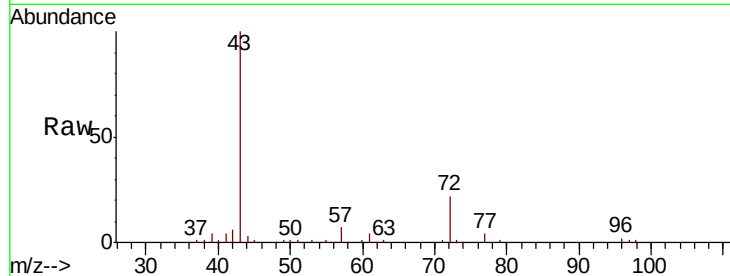
BPSI-TT-MW311I-20180919MSD

Tot Ion: 43 Resp: 348076

Ion Ratio Lower Upper

43 100

72 22.3 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

4.26

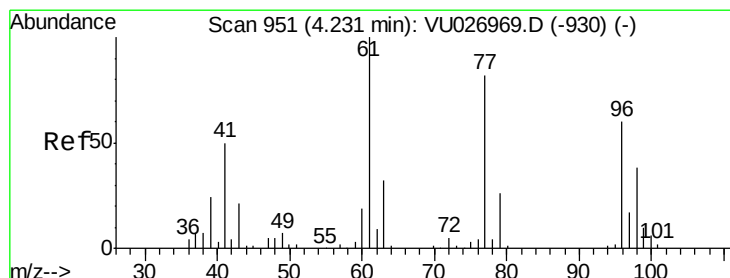
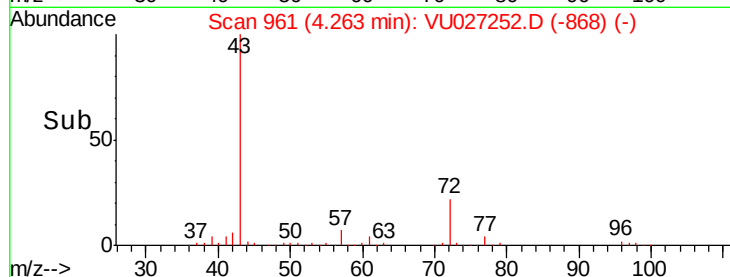
150000

100000

50000

0

Time--> 4.10 4.20 4.30



#26

2,2-Dichloropropane

Concen: 41.636 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027252.D

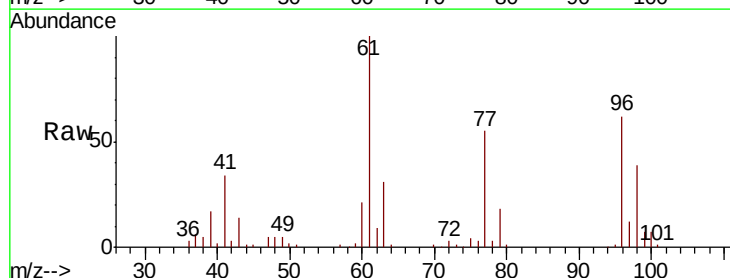
Acq: 28 Sep 2018 02:25

Tgt Ion: 77 Resp: 82967

Ion Ratio Lower Upper

77 100

97 21.6 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

4.23

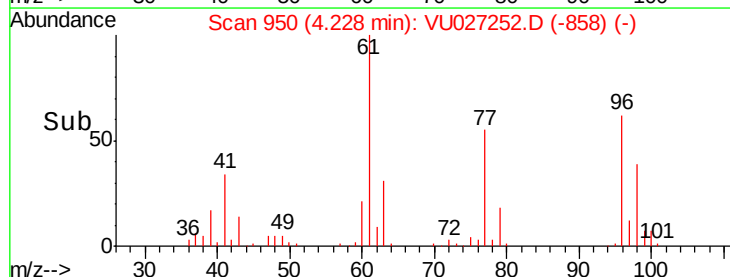
30000

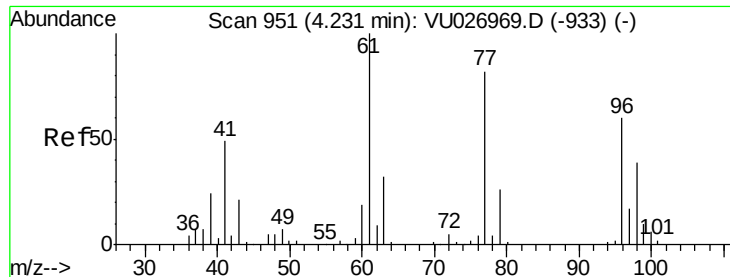
20000

10000

0

Time--> 4.10 4.20 4.30



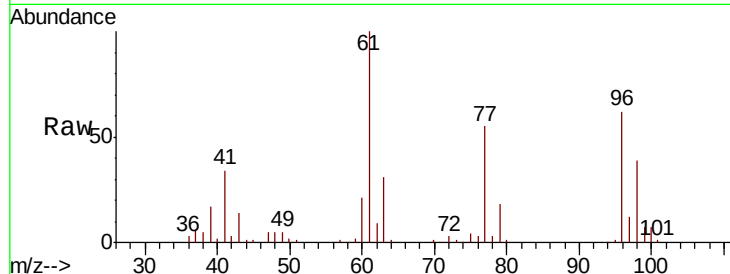


#27

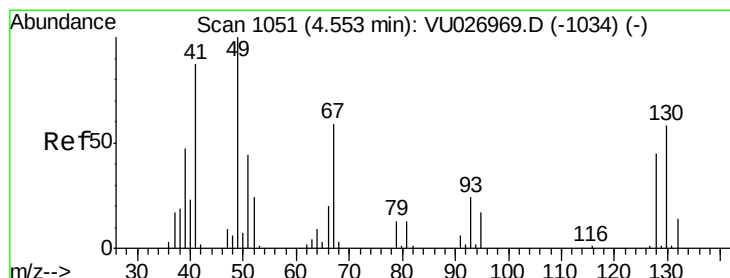
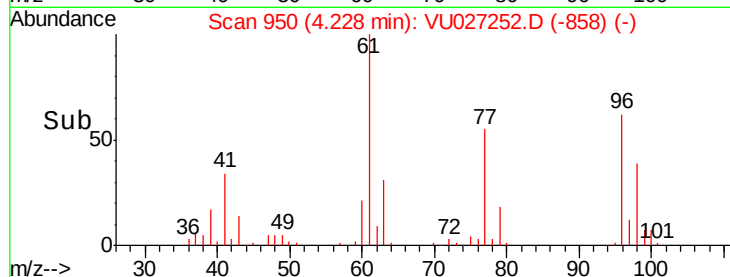
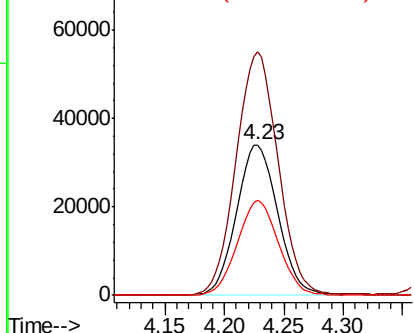
cis-1,2-Dichloroethene
 Concen: 63.340 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU027252.D
 Acq: 28 Sep 2018 02:25

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

Tot Ion: 96 Resp: 81671
 Ion Ratio Lower Upper
 96 100
 61 165.0 0.0 337.2
 98 63.1 0.0 127.6



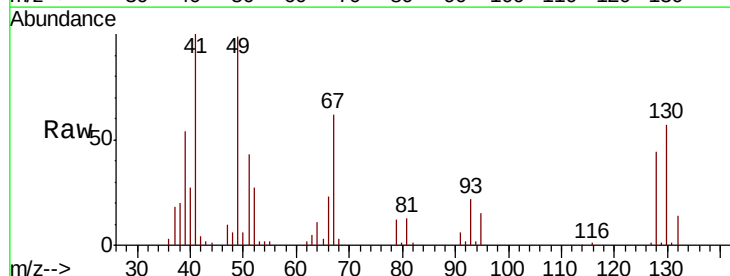
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



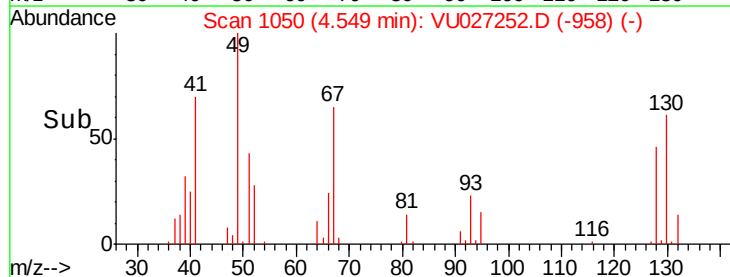
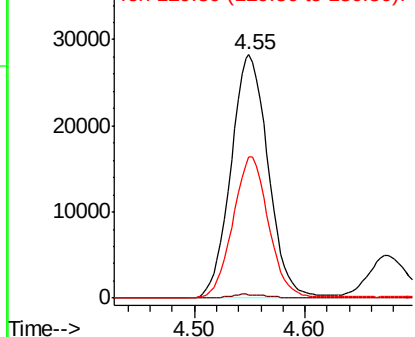
#28

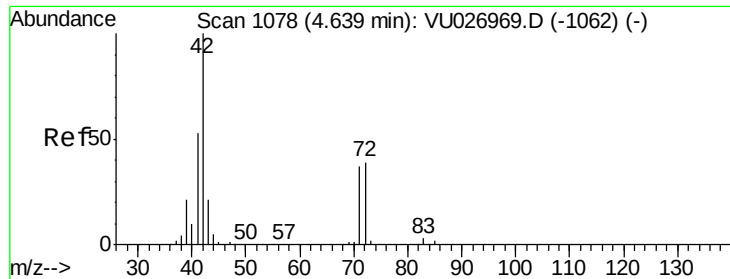
Bromochloromethane
 Concen: 53.810 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU027252.D
 Acq: 28 Sep 2018 02:25

Tgt Ion: 49 Resp: 66276
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.0
 130 55.8 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: 287.485 ug/l

RT: 4.64 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VU027252.D

Acq: 28 Sep 2018 02:25

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW311I-20180919MSD

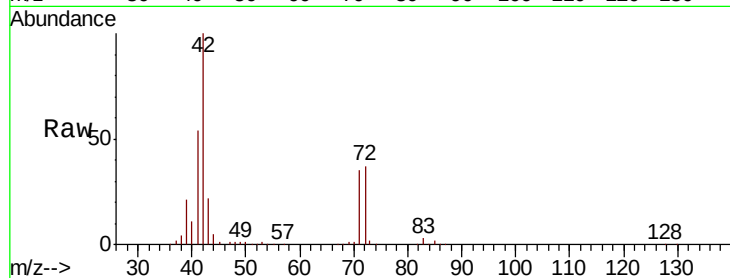
Tot Ion: 42 Resp: 227754

Ion Ratio Lower Upper

42 100

72 37.7 31.7 47.5

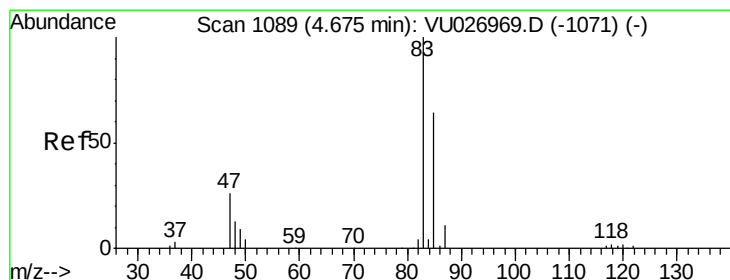
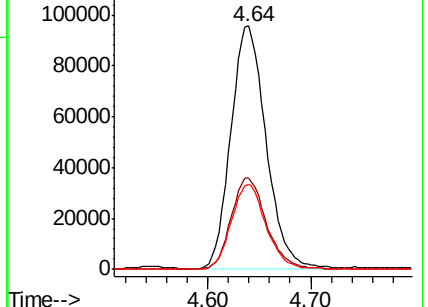
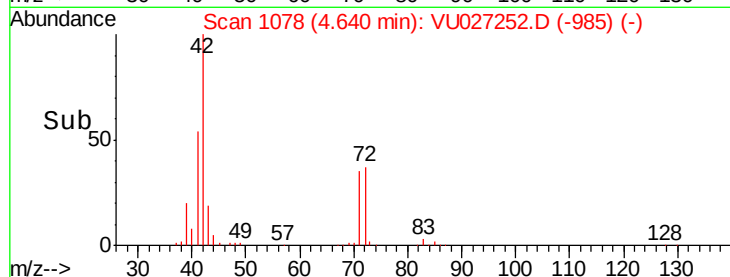
71 34.5 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VU027252.D (-985) (-)

Ion 72.00 (71.70 to 72.70): VU027252.D (-985) (-)

Ion 71.00 (70.70 to 71.70): VU027252.D (-985) (-)



#30

Chloroform

Concen: 53.443 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VU027252.D

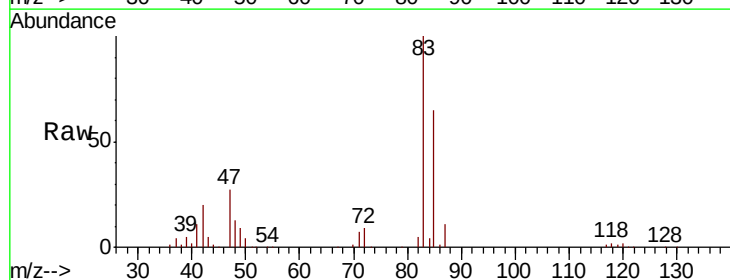
Acq: 28 Sep 2018 02:25

Tgt Ion: 83 Resp: 126752

Ion Ratio Lower Upper

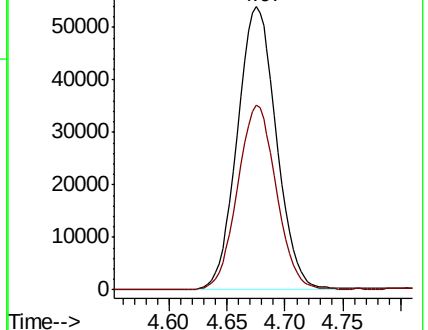
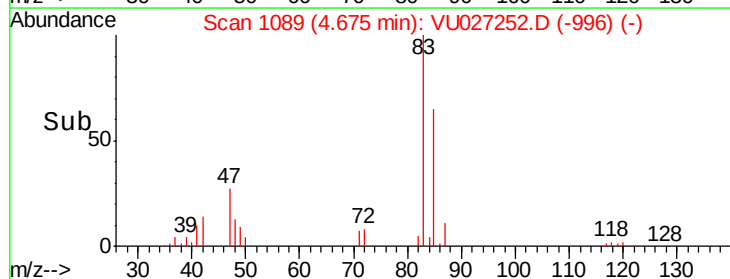
83 100

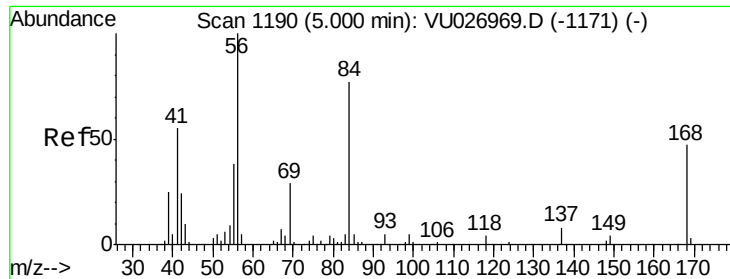
85 65.4 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU027252.D (-996) (-)

Ion 84.90 (84.60 to 85.60): VU027252.D (-996) (-)

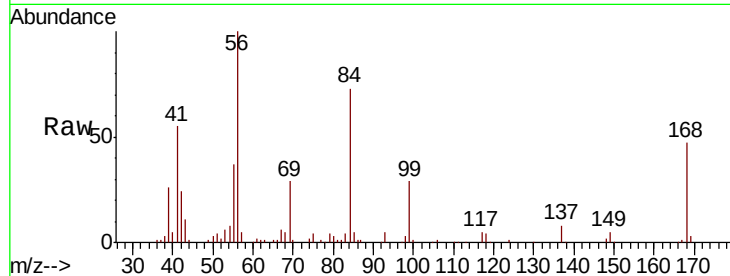




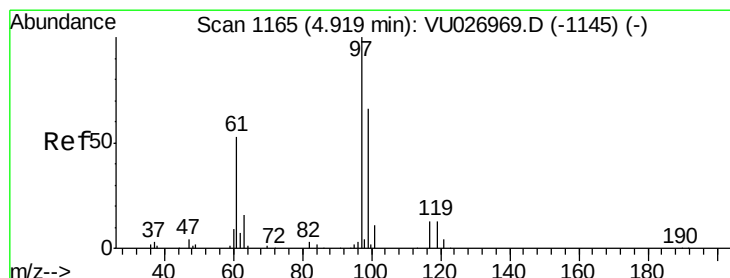
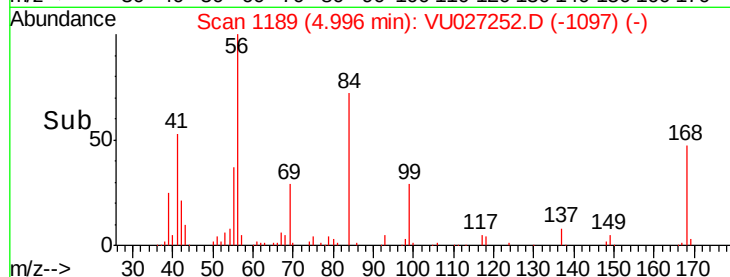
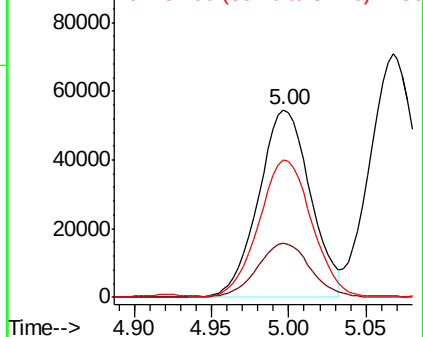
#31
Cyclohexane
Concen: 54.932 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027252.D
Acq: 28 Sep 2018 02:25

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

Tot Ion: 56 Resp: 127454
Ion Ratio Lower Upper
56 100
69 28.7 23.0 34.4
84 72.3 61.4 92.2

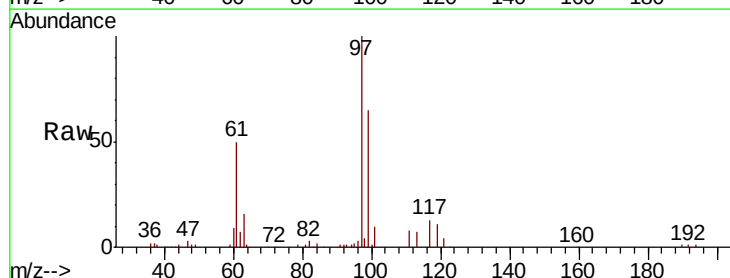


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

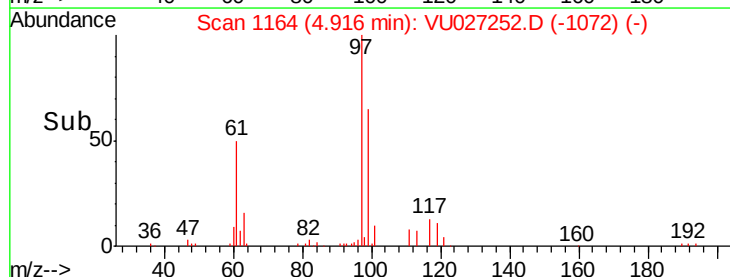
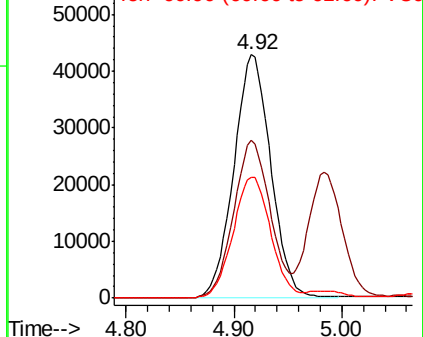


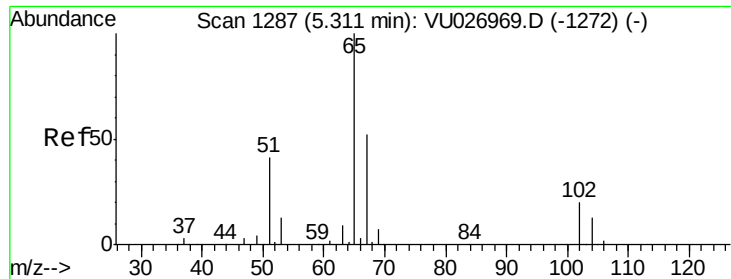
#32
1,1,1-Trichloroethane
Concen: 54.282 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027252.D
Acq: 28 Sep 2018 02:25

Tgt Ion: 97 Resp: 102791
Ion Ratio Lower Upper
97 100
99 63.7 51.8 77.6
61 50.6 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

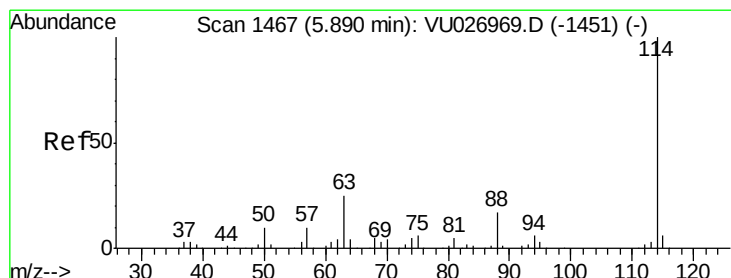
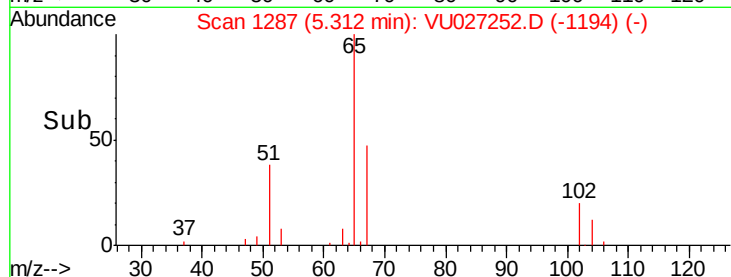
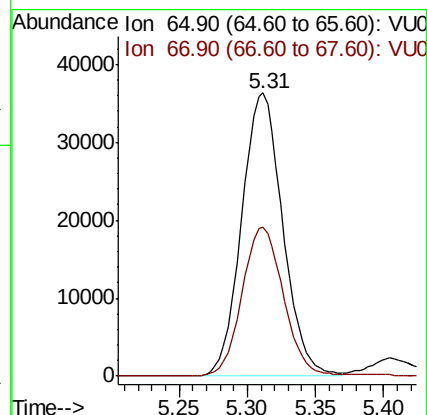
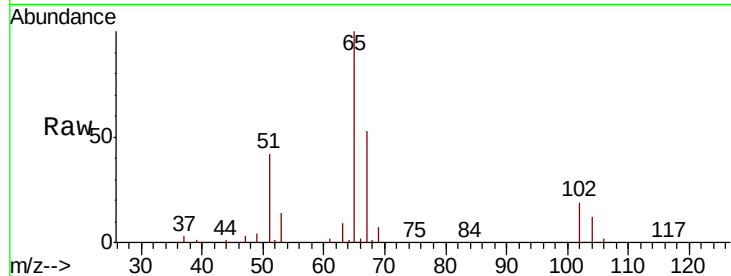




#33
 1,2-Dichloroethane-d4
 Concen: 48.735 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027252.D
 Acq: 28 Sep 2018 02:25

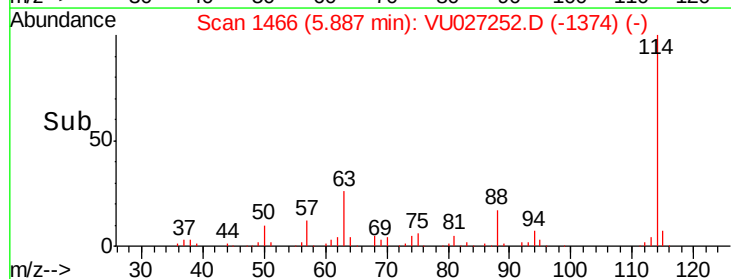
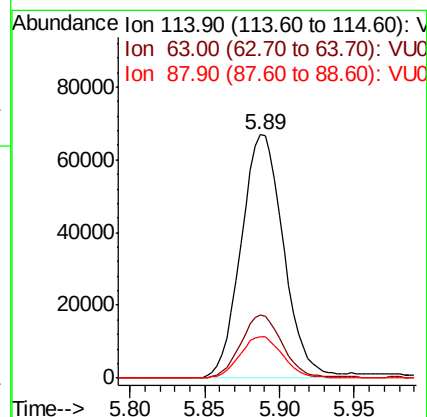
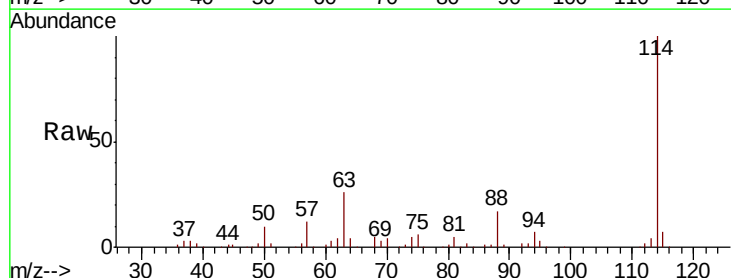
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW311I-20180919MSD

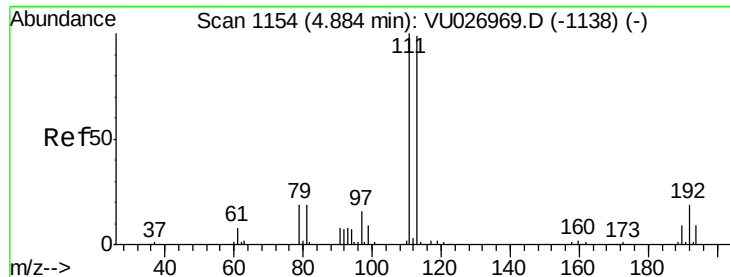
Tot Ion: 65 Resp: 75946
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027252.D
 Acq: 28 Sep 2018 02:25

Tgt Ion: 114 Resp: 132626
 Ion Ratio Lower Upper
 114 100
 63 25.9 0.0 49.2
 88 17.1 0.0 33.8

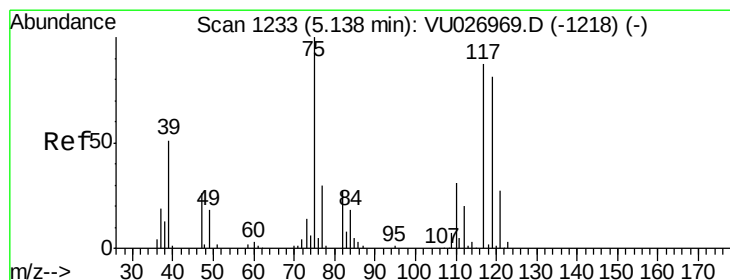
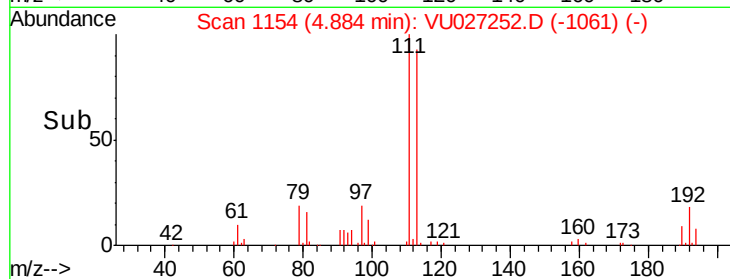
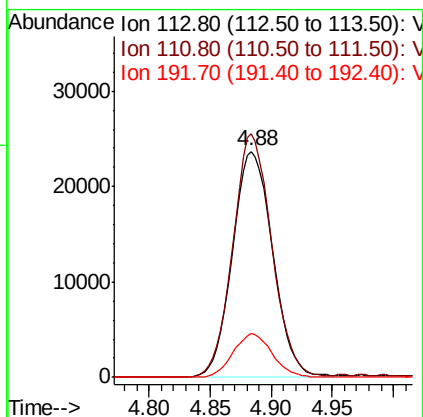
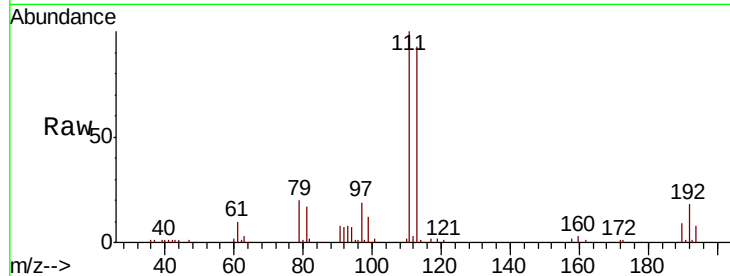




#35
 Dibromofluoromethane
 Concen: 47.228 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027252.D
 Acq: 28 Sep 2018 02:25

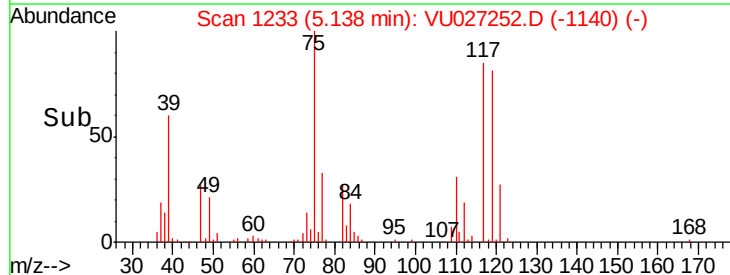
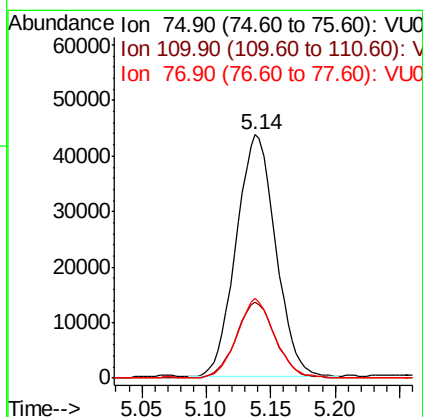
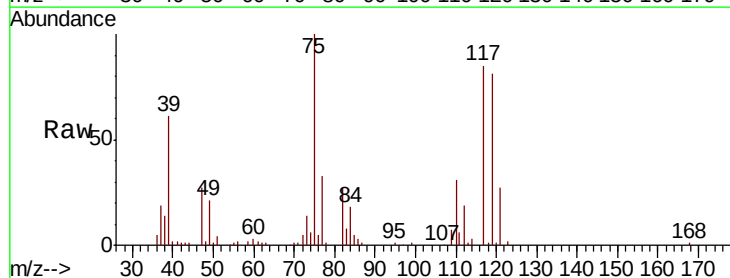
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW311I-20180919MSD

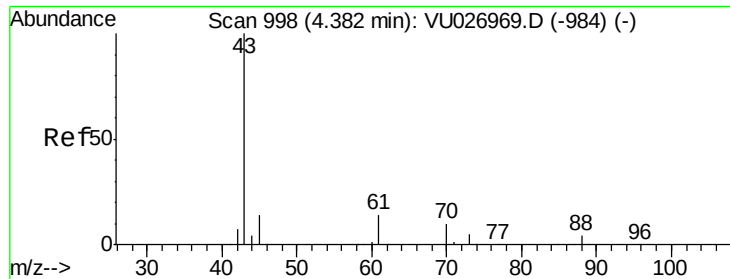
Tot Ion:113 Resp: 54294
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.2 123.4
 192 18.5 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 52.490 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU027252.D
 Acq: 28 Sep 2018 02:25

Tgt Ion: 75 Resp: 92910
 Ion Ratio Lower Upper
 75 100
 110 31.2 16.1 48.2
 77 31.7 24.6 36.8





#37

Ethyl Acetate

Concen: 50.350 ug/l

RT: 4.38 min Scan# 998

Delta R.T. 0.00 min

Lab File: VU027252.D

Acq: 28 Sep 2018 02:25

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW311I-20180919MSD

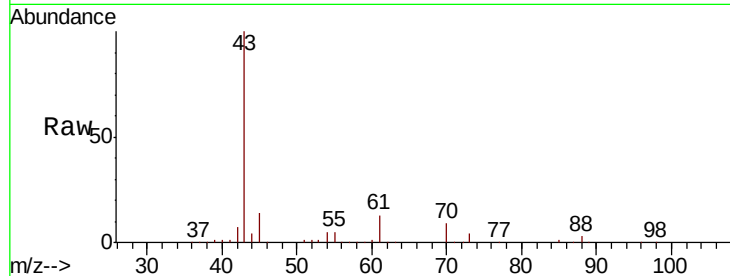
Tot Ion: 43 Resp: 120647

Ion Ratio Lower Upper

43 100

61 12.8 10.5 15.7

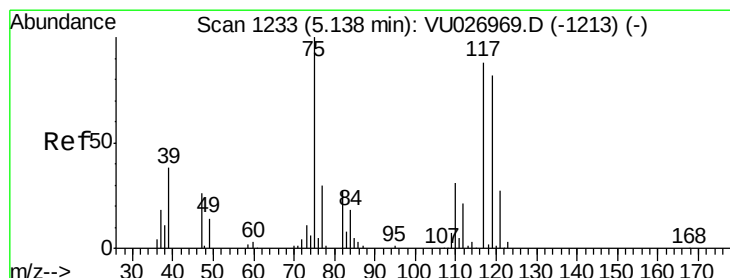
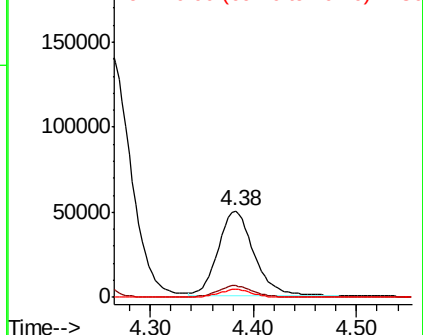
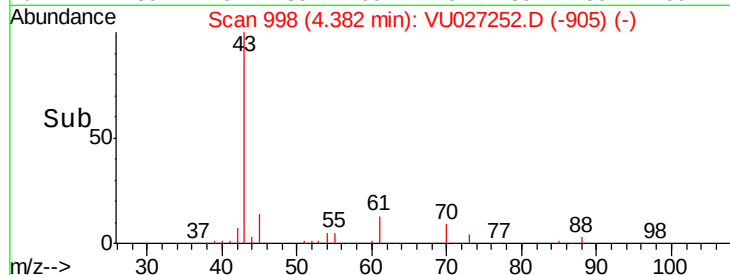
70 8.8 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VU027252.D (-905) (-)

Ion 60.90 (60.60 to 61.60): VU027252.D (-905) (-)

Ion 70.00 (69.70 to 70.70): VU027252.D (-905) (-)



#38

Carbon Tetrachloride

Concen: 51.522 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU027252.D

Acq: 28 Sep 2018 02:25

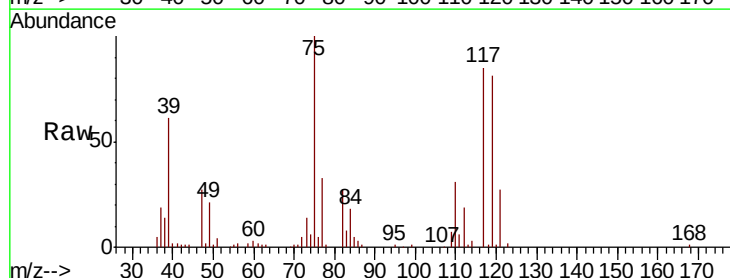
Tgt Ion: 117 Resp: 86785

Ion Ratio Lower Upper

117 100

119 95.1 74.4 111.6

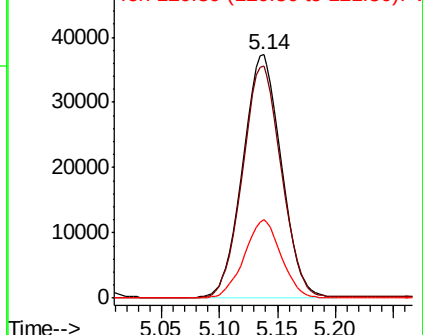
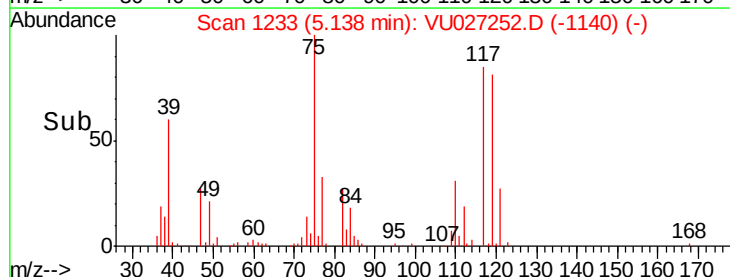
121 32.1 24.2 36.4

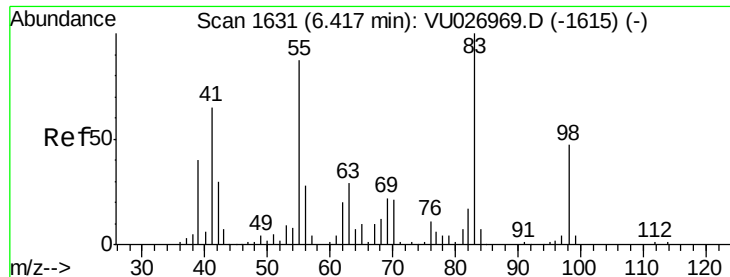


Abundance Ion 116.80 (116.50 to 117.50): VU027252.D (-1140) (-)

Ion 118.80 (118.50 to 119.50): VU027252.D (-1140) (-)

Ion 120.80 (120.50 to 121.50): VU027252.D (-1140) (-)

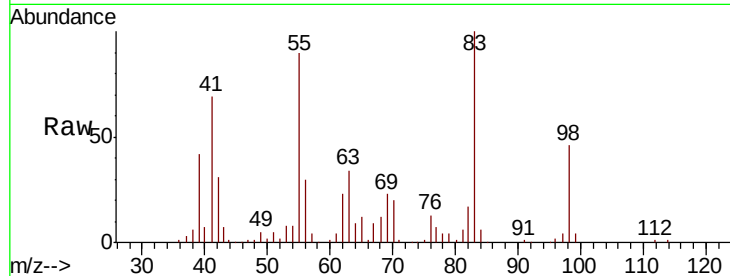




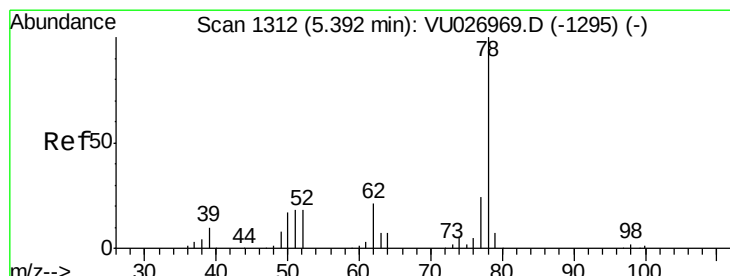
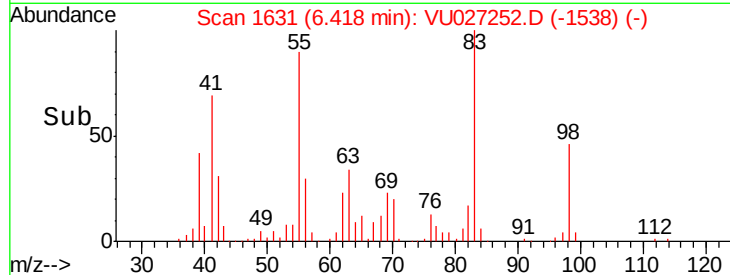
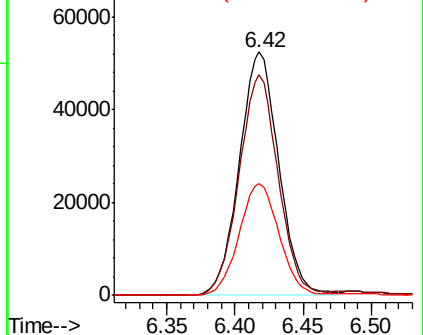
#39
Methylvlcyclohexane
Concen: 54.811 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027252.D
Acq: 28 Sep 2018 02:25

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

Tot Ion: 83 Resp: 105432
Ion Ratio Lower Upper
83 100
55 90.4 69.9 104.9
98 45.9 37.5 56.3

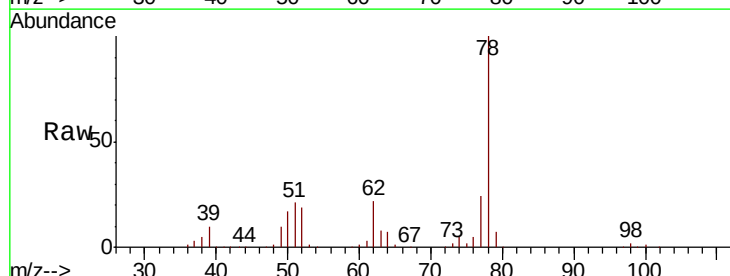


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

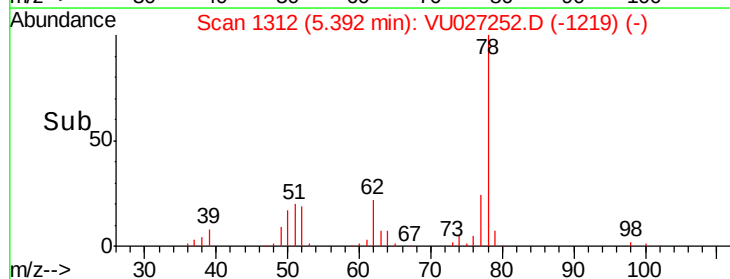
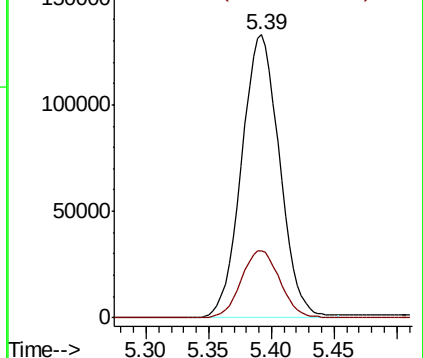


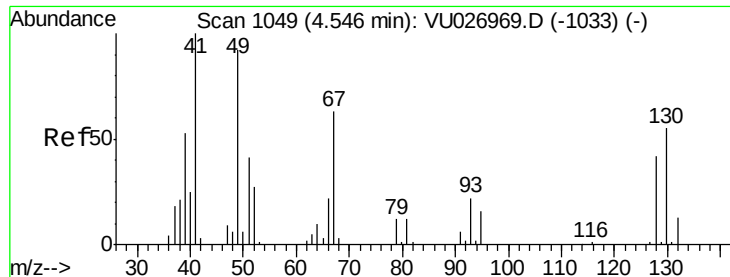
#40
Benzene
Concen: 52.173 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027252.D
Acq: 28 Sep 2018 02:25

Tgt Ion: 78 Resp: 280736
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

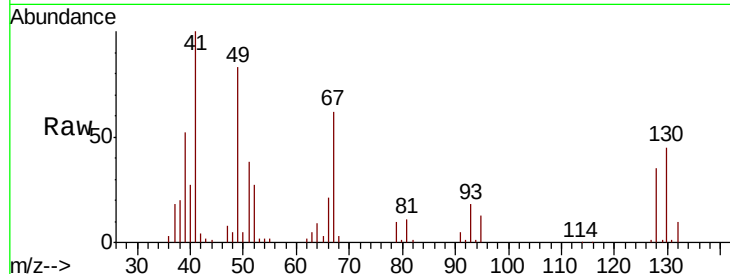




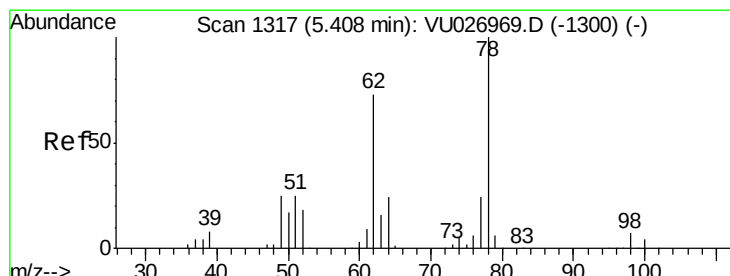
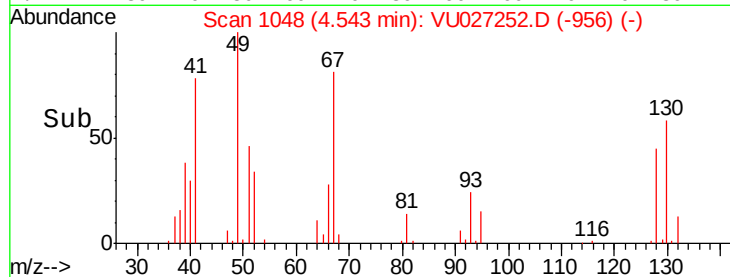
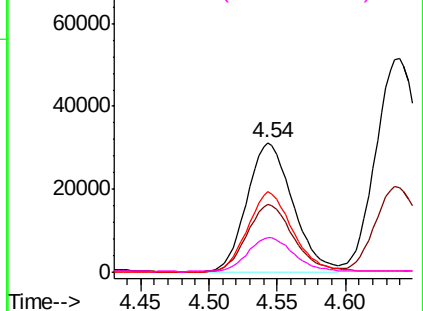
#41
Methacrylonitrile
Concen: 58.921 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027252.D
Acq: 28 Sep 2018 02:25

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

Tot Ion:	41	Resp:	73324
Ion	Ratio	Lower	Upper
41	100		
39	52.6	42.9	64.3
67	61.0	52.4	78.6
52	26.2	21.3	31.9

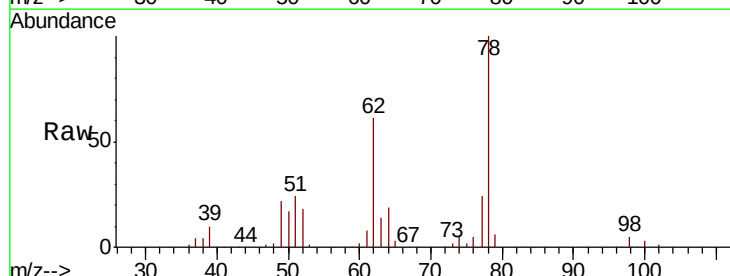


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

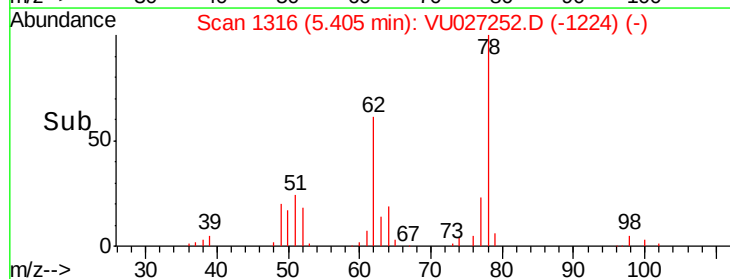
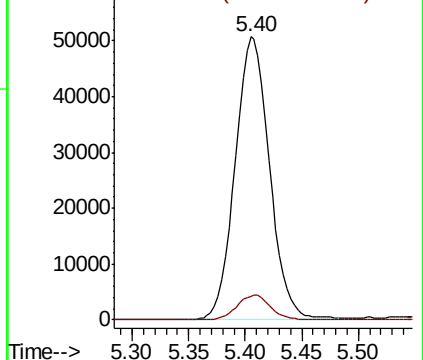


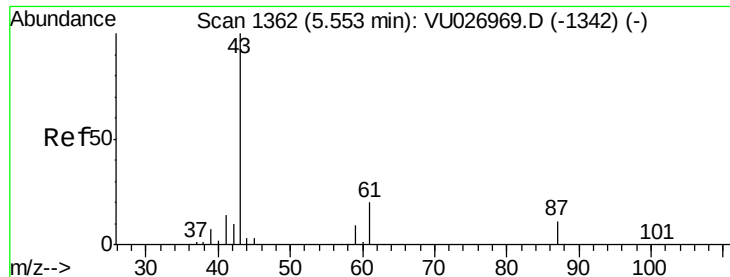
#42
1,2-Dichloroethane
Concen: 52.974 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027252.D
Acq: 28 Sep 2018 02:25

Tgt Ion:	62	Resp:	107695
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

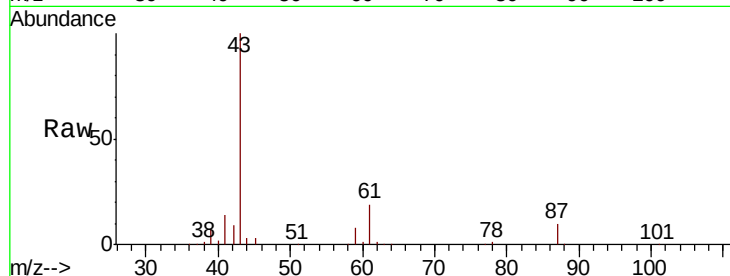




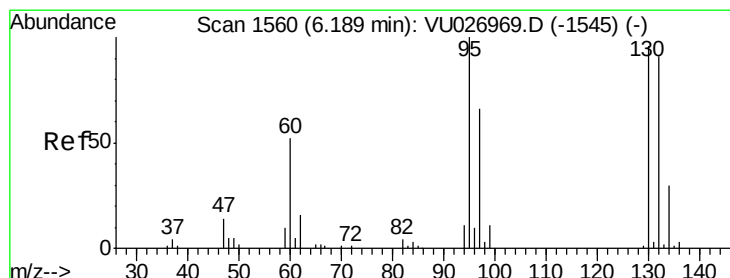
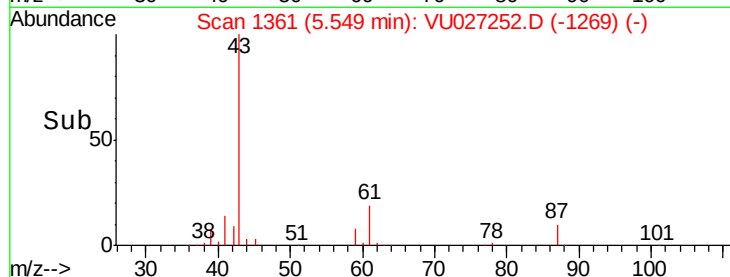
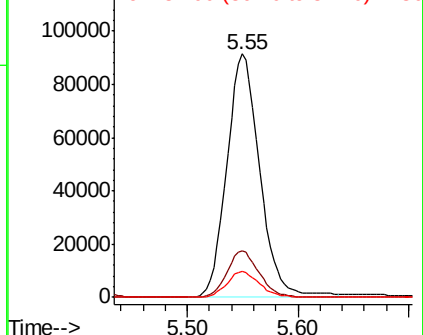
#43
Isopropyl Acetate
Concen: 54.007 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. -0.00 min
Lab File: VU027252.D
Acq: 28 Sep 2018 02:25

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

Tot Ion: 43 Resp: 188729
Ion Ratio Lower Upper
43 100
61 18.8 15.7 23.5
87 10.5 9.0 13.4

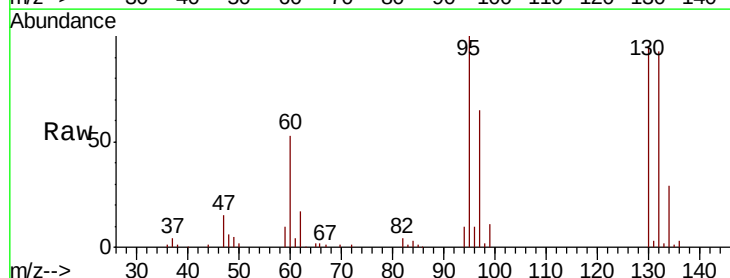


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

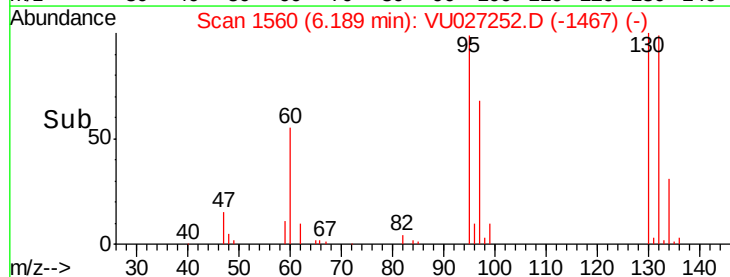
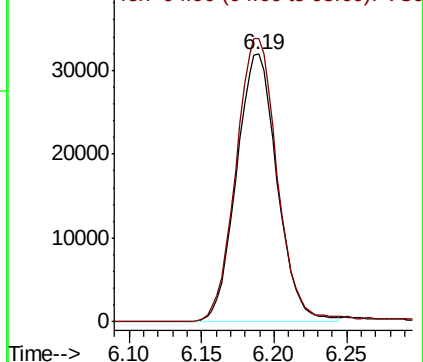


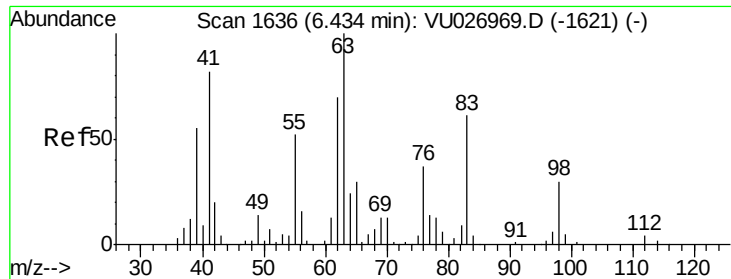
#44
Trichloroethene
Concen: 54.364 ug/l
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU027252.D
Acq: 28 Sep 2018 02:25

Tgt Ion:130 Resp: 62276
Ion Ratio Lower Upper
130 100
95 105.7 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VU0

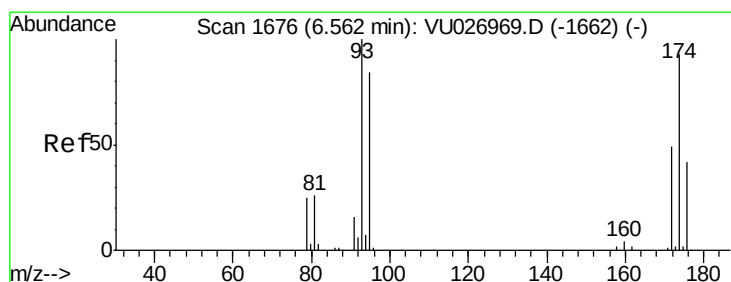
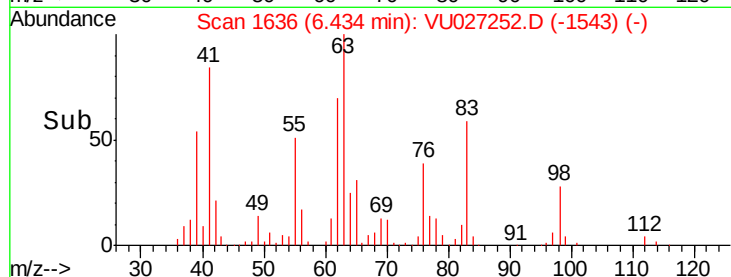
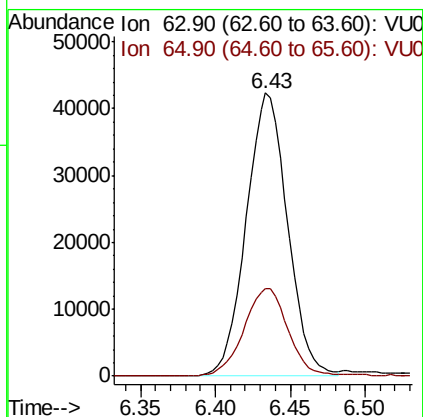
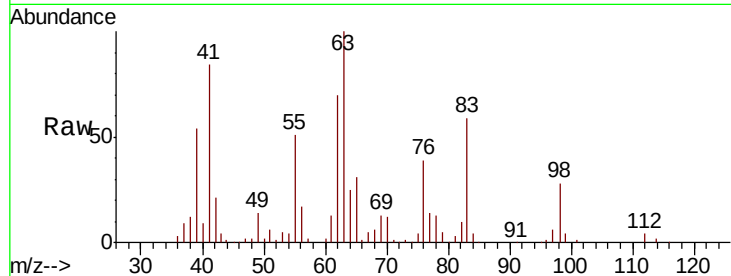




#45
 1,2-Dichloropropane
 Concen: 53.121 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU027252.D
 Acq: 28 Sep 2018 02:25

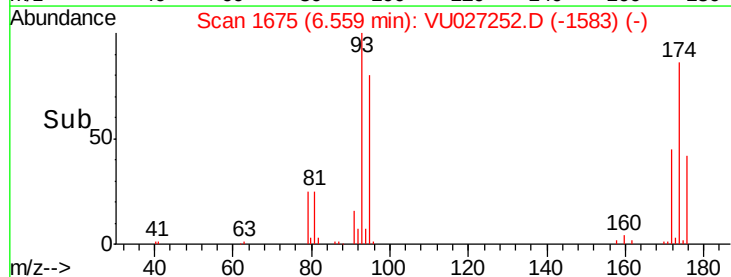
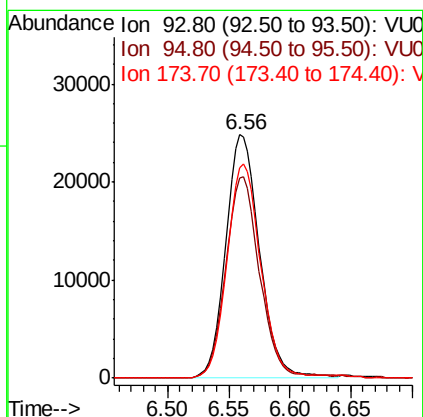
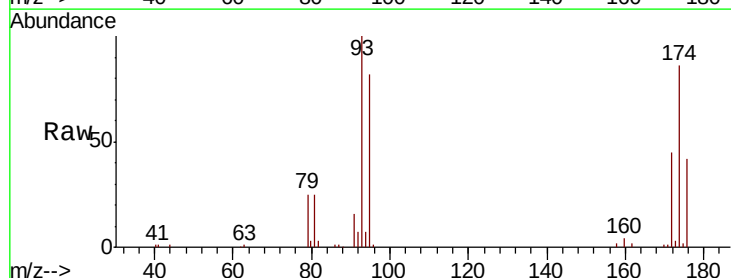
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW311I-20180919MSD

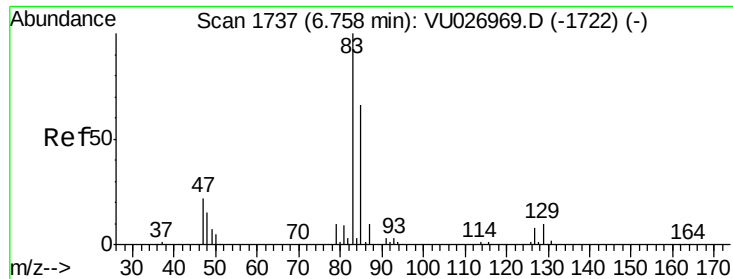
Tot Ion: 63 Resp: 81446
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.3 36.5



#46
 Dibromomethane
 Concen: 51.943 ug/l
 RT: 6.56 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: VU027252.D
 Acq: 28 Sep 2018 02:25

Tgt Ion: 93 Resp: 48098
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.2 99.4
 174 88.1 71.7 107.5

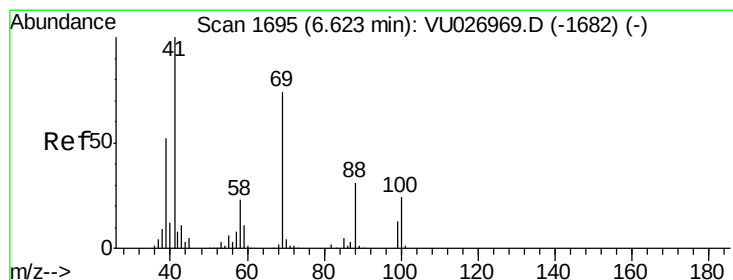
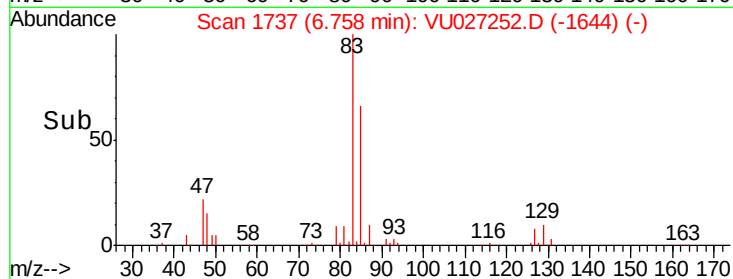
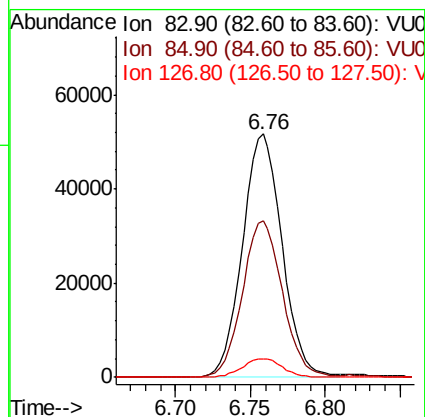
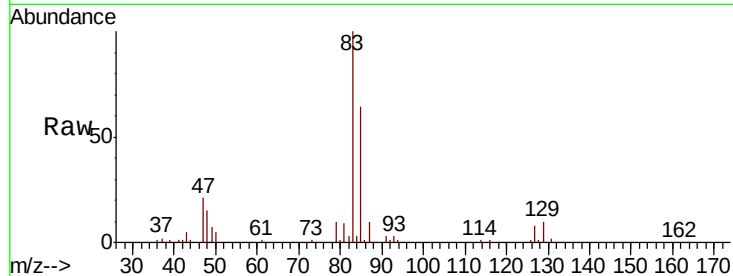




#47
Bromodichloromethane
Concen: 50.935 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VU027252.D
Acq: 28 Sep 2018 02:25

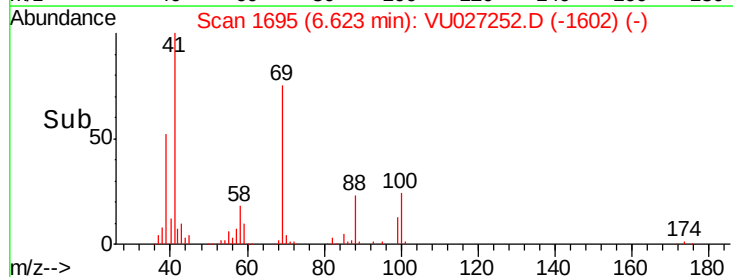
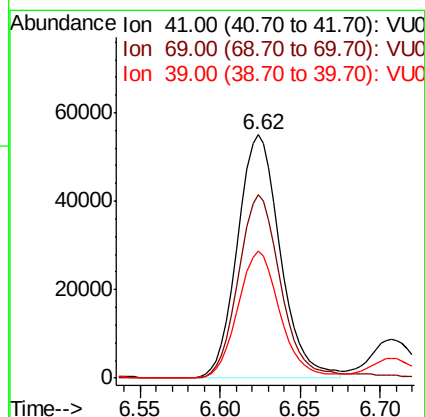
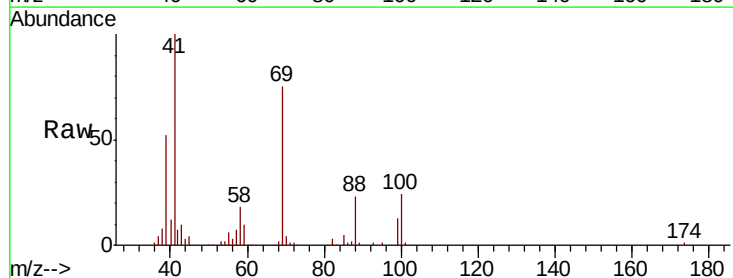
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

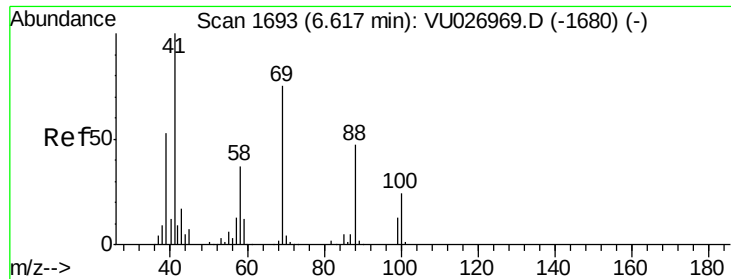
Tot Ion: 83 Resp: 95370
Ion Ratio Lower Upper
83 100
85 64.5 52.5 78.7
127 7.8 6.3 9.5



#48
Methyl methacrylate
Concen: 52.973 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU027252.D
Acq: 28 Sep 2018 02:25

Tgt Ion: 41 Resp: 100872
Ion Ratio Lower Upper
41 100
69 74.2 60.6 90.8
39 51.6 42.8 64.2

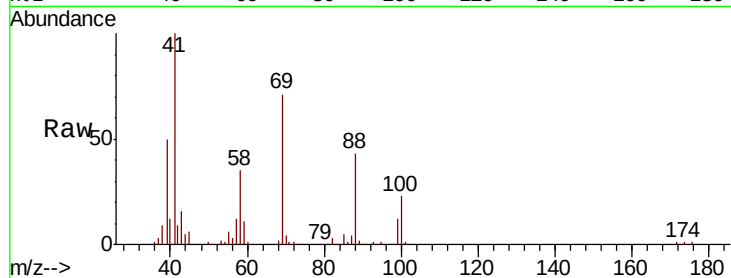




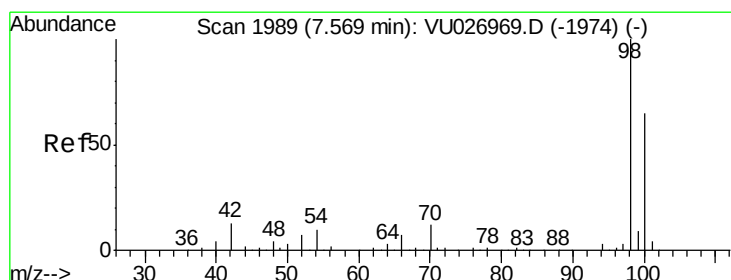
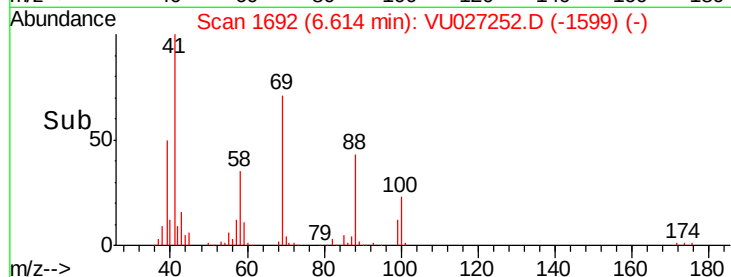
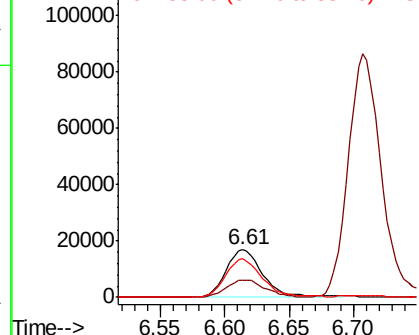
#49
1,4-Dioxane
Concen: 889.042 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027252.D
Acq: 28 Sep 2018 02:25

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

Tot Ion: 88 Resp: 33589
Ion Ratio Lower Upper
88 100
43 38.6 29.8 44.8
58 80.9 63.9 95.9

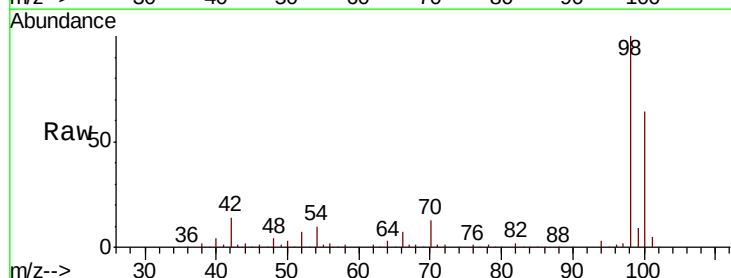


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

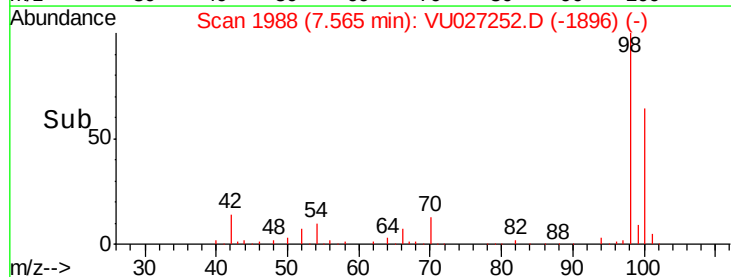
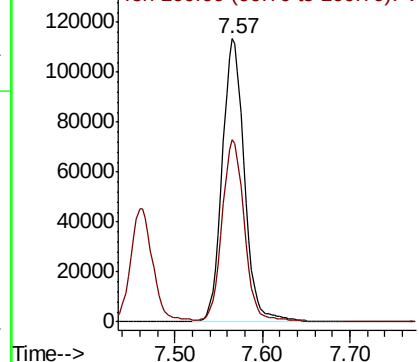


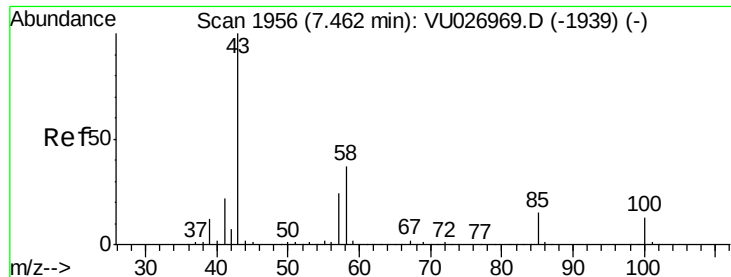
#50
Toluene-d8
Concen: 45.540 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027252.D
Acq: 28 Sep 2018 02:25

Tgt Ion: 98 Resp: 199521
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1



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





#51

4-Methyl-2-Pentanone

Concen: 284.627 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU027252.D

Acq: 28 Sep 2018 02:25

Instrument :

MSVOA_U

ClientSampleId :

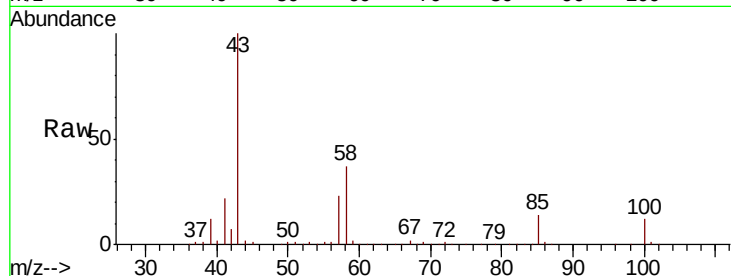
BPSI-TT-MW311I-20180919MSD

Tot Ion: 43 Resp: 668953

Ion Ratio Lower Upper

43 100

58 36.9 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.46

400000

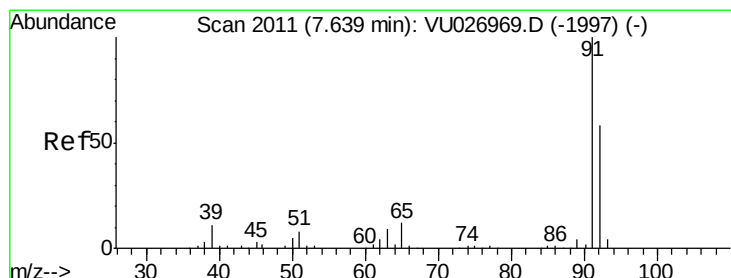
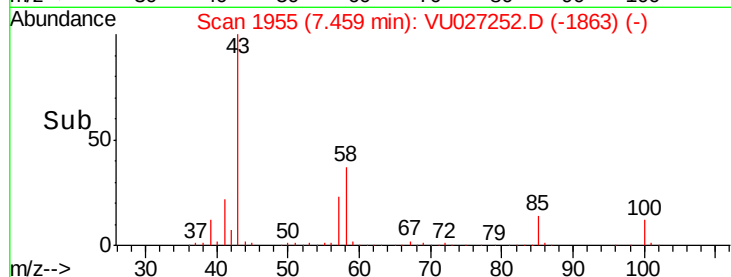
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 54.713 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU027252.D

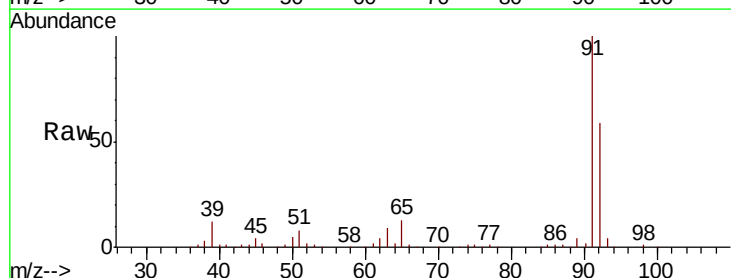
Acq: 28 Sep 2018 02:25

Tgt Ion: 92 Resp: 168754

Ion Ratio Lower Upper

92 100

91 171.5 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

7.64

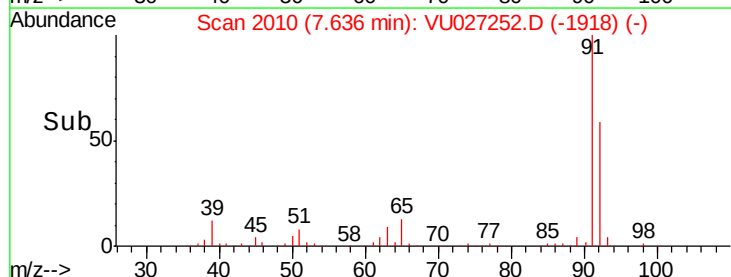
150000

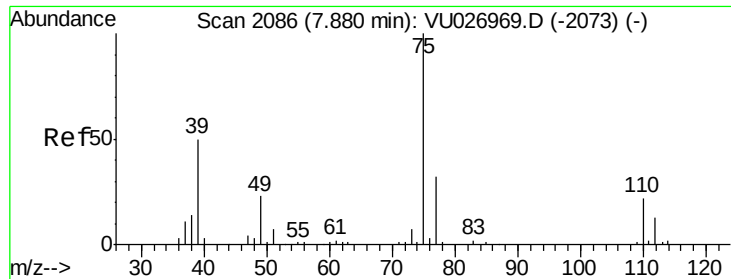
100000

50000

0

Time-->

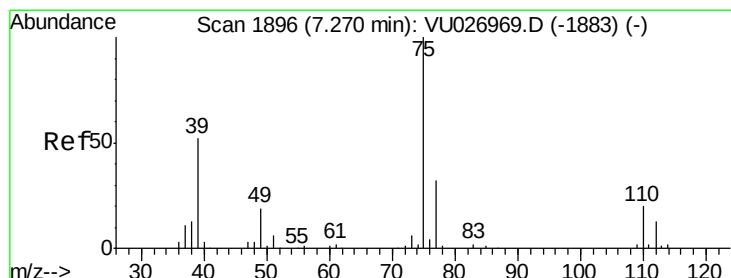
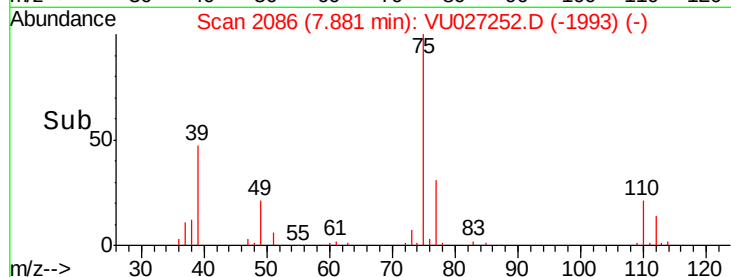
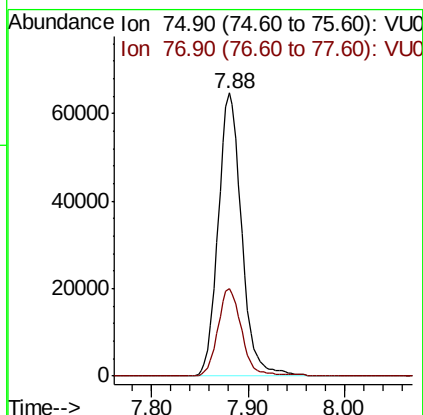
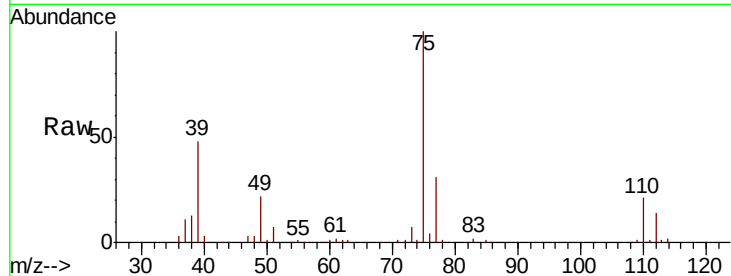




#53
t-1,3-Dichloropropene
Concen: 54.322 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU027252.D
Acq: 28 Sep 2018 02:25

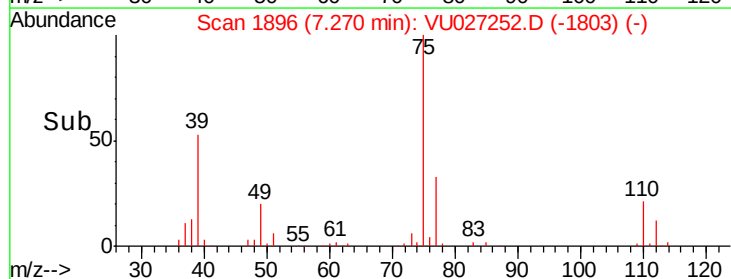
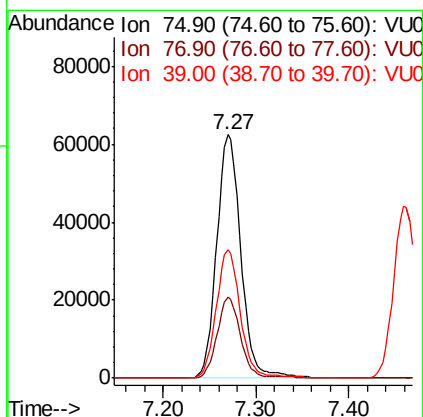
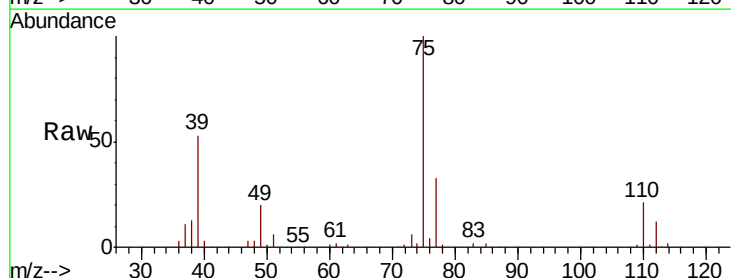
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

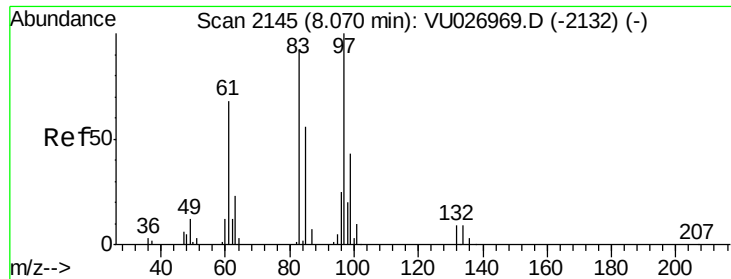
Tot Ion: 75 Resp: 109280
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 51.022 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU027252.D
Acq: 28 Sep 2018 02:25

Tgt Ion: 75 Resp: 112857
Ion Ratio Lower Upper
75 100
77 33.1 25.4 38.0
39 52.8 41.6 62.4

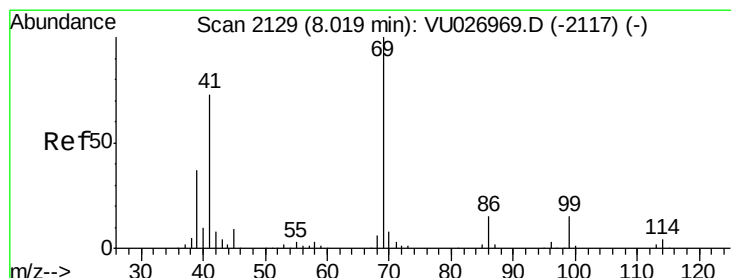
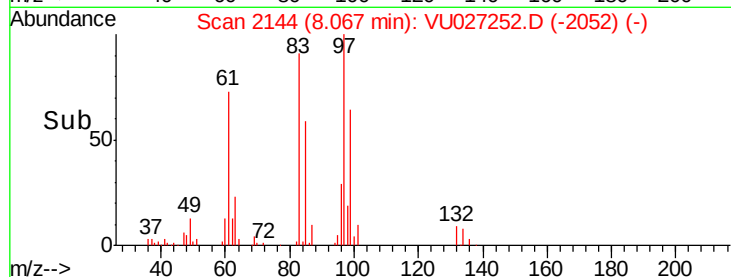
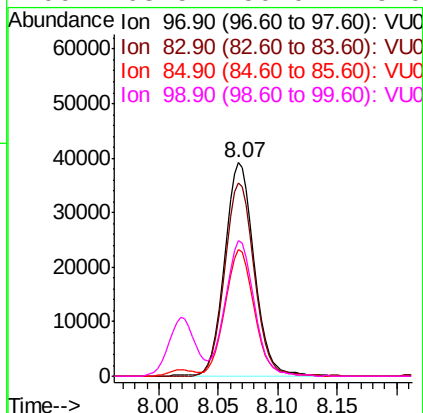
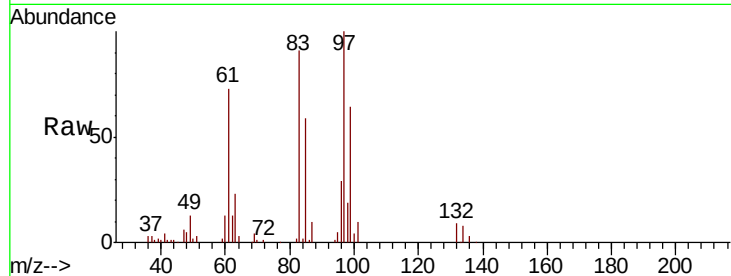




#55
 1,1,2-Trichloroethane
 Concen: 51.748 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027252.D
 Acq: 28 Sep 2018 02:25

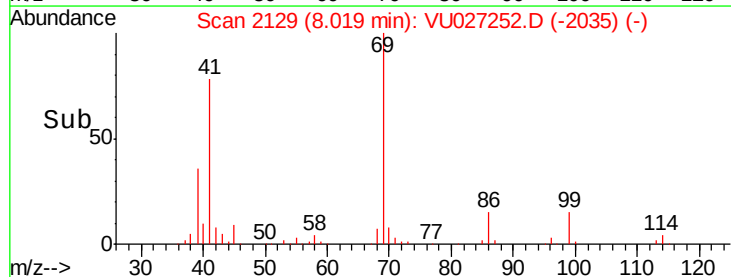
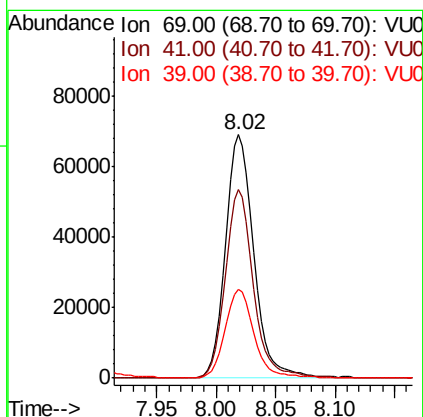
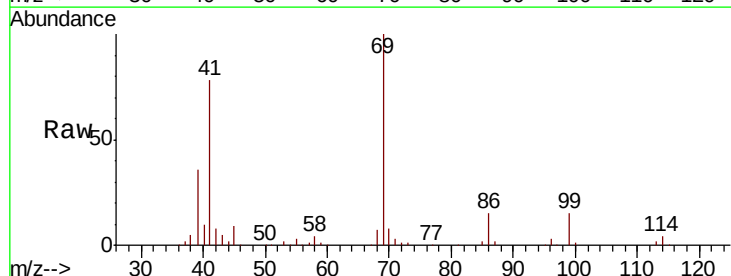
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW311I-20180919MSD

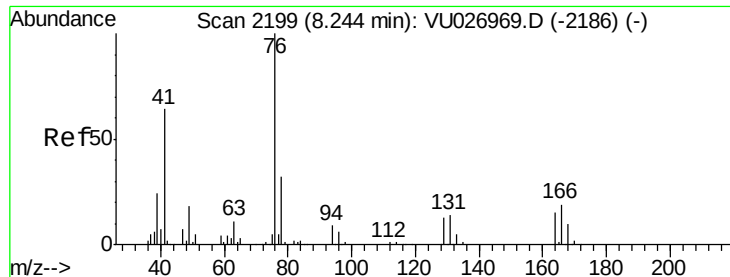
Tot Ion:	97	Resp:	67630
Ion	Ratio	Lower	Upper
97	100		
83	90.8	73.1	109.7
85	59.3	46.7	70.1
99	63.5	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 50.390 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027252.D
 Acq: 28 Sep 2018 02:25

Tgt Ion:	69	Resp:	114306
Ion	Ratio	Lower	Upper
69	100		
41	77.1	59.0	88.4
39	36.7	30.2	45.4

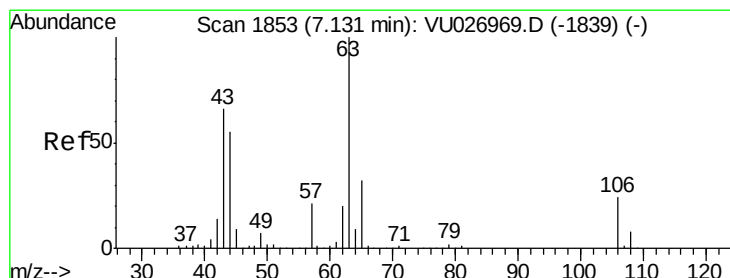
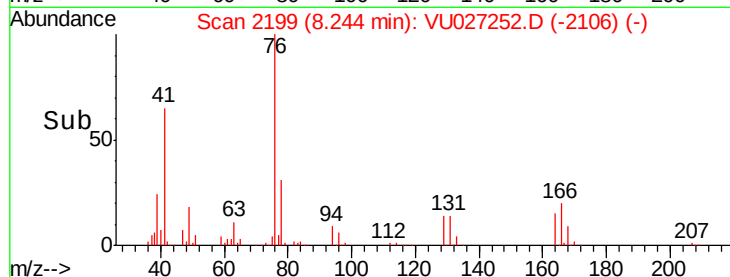
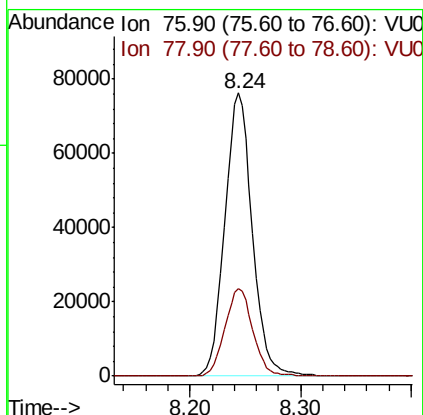
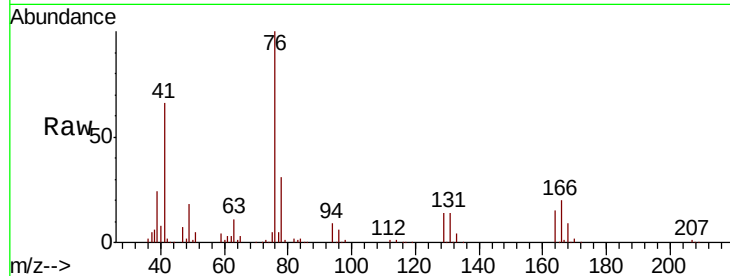




#57
 1,3-Dichloropropane
 Concen: 54.089 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027252.D
 Acq: 28 Sep 2018 02:25

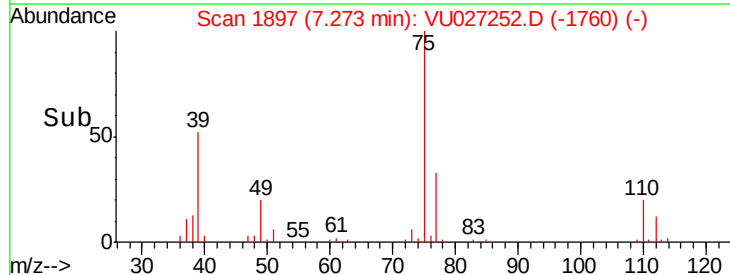
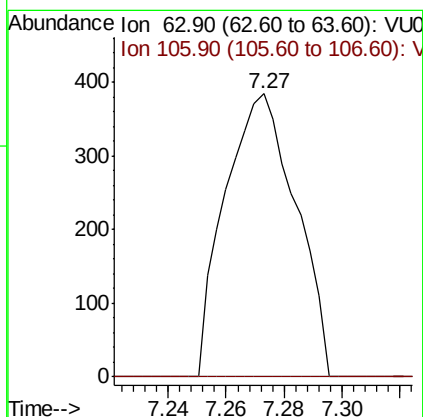
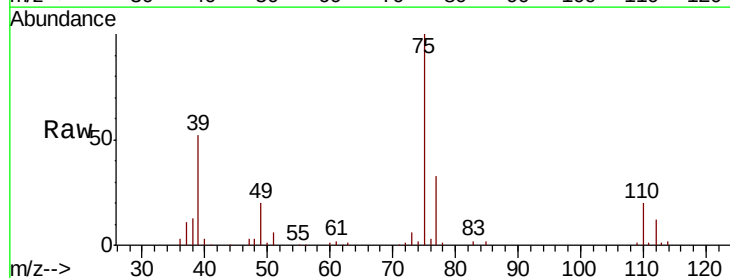
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW311I-20180919MSD

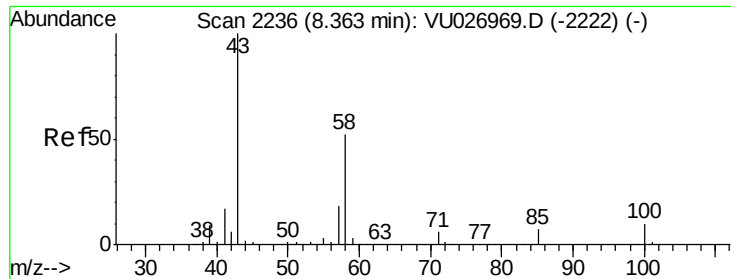
Tot Ion: 76 Resp: 131476
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 5.356 ug/l
 RT: 7.27 min Scan# 1897
 Delta R.T. 0.14 min
 Lab File: VU027252.D
 Acq: 28 Sep 2018 02:25

Tgt Ion: 63 Resp: 649
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.7 28.1#

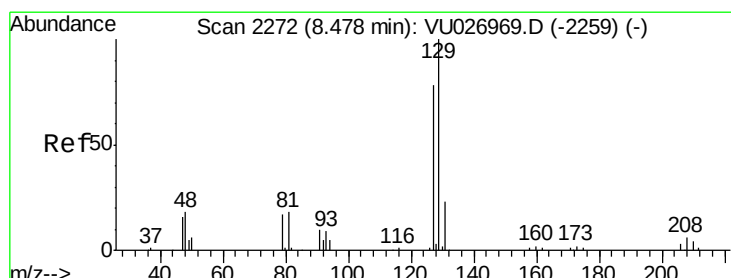
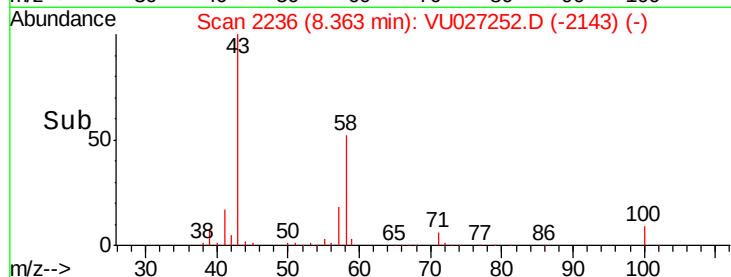
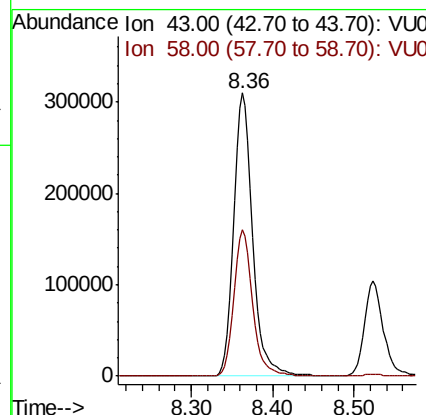
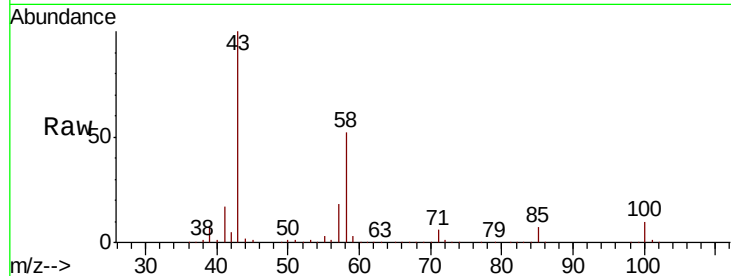




#59
 2-Hexanone
 Concen: 277.083 ug/l
 RT: 8.36 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: VU027252.D
 Acq: 28 Sep 2018 02:25

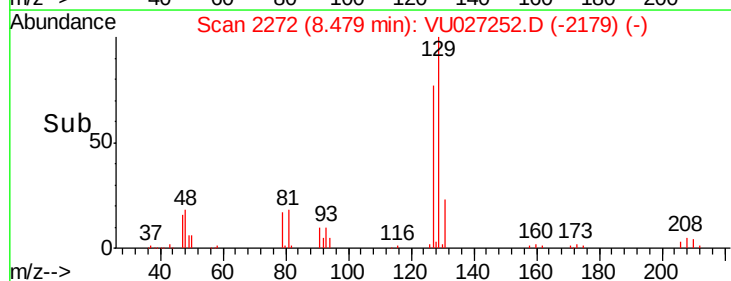
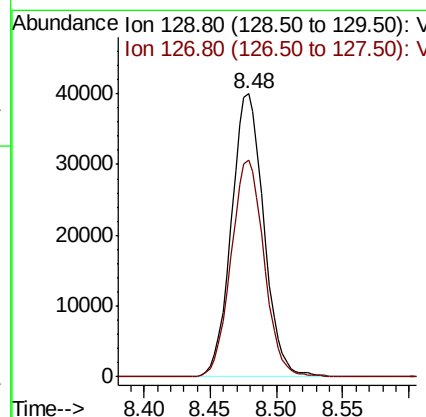
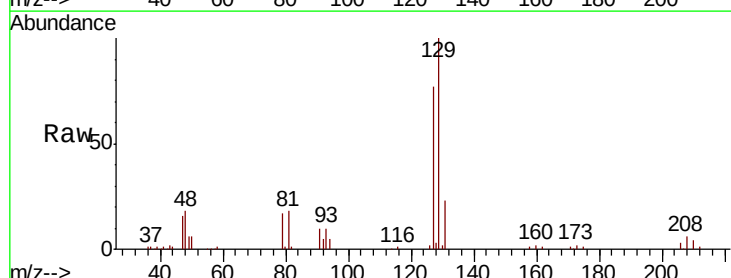
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW311I-20180919MSD

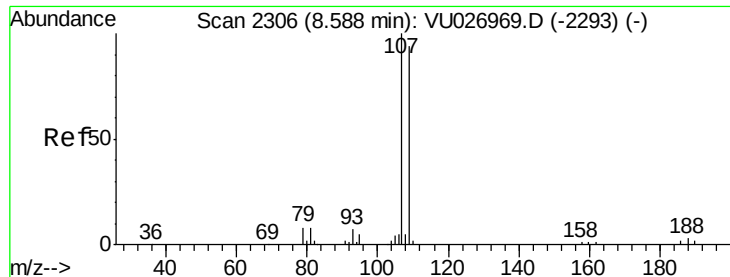
Tot Ion: 43 Resp: 509763
 Ion Ratio Lower Upper
 43 100
 58 51.3 26.1 78.2



#60
 Dibromochloromethane
 Concen: 53.089 ug/l
 RT: 8.48 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VU027252.D
 Acq: 28 Sep 2018 02:25

Tgt Ion: 129 Resp: 68057
 Ion Ratio Lower Upper
 129 100
 127 77.7 38.1 114.5

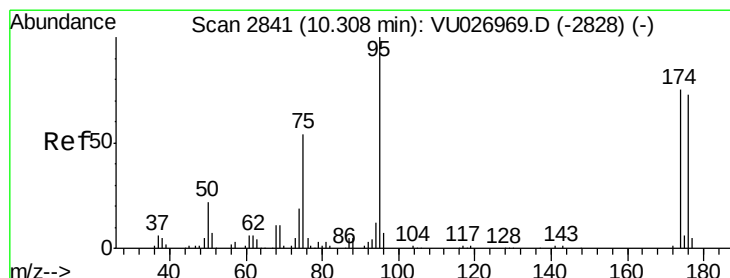
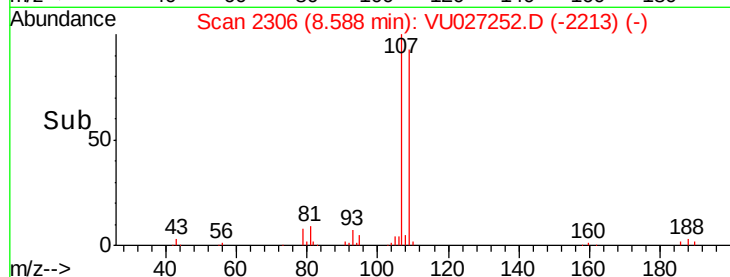
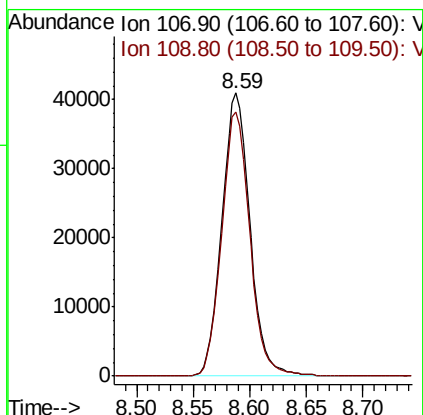
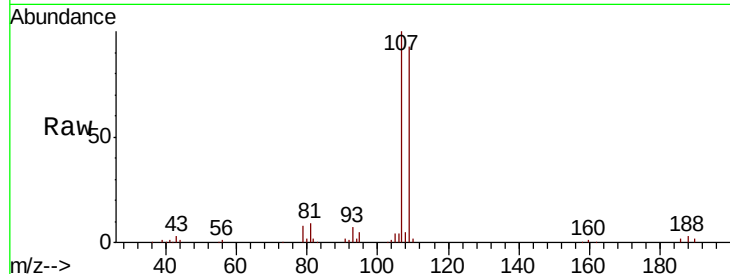




#61
 1,2-Dibromoethane
 Concen: 51.972 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU027252.D
 Acq: 28 Sep 2018 02:25

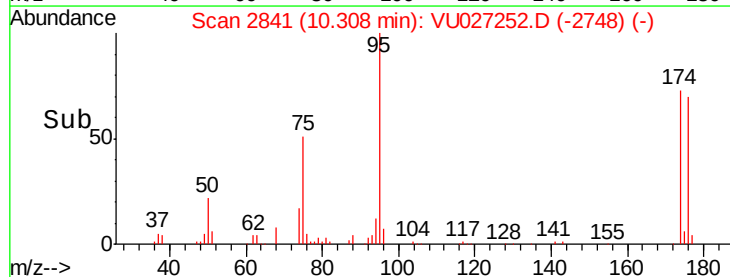
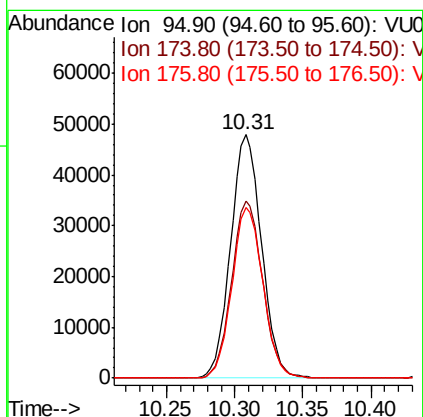
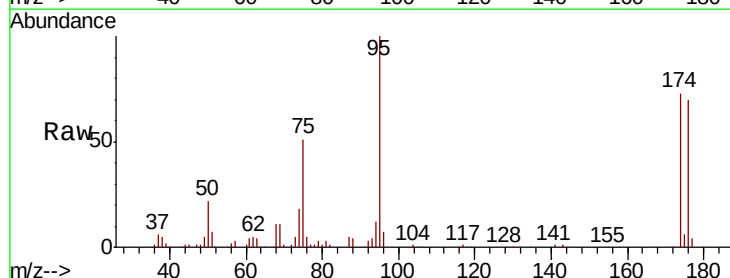
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW311I-20180919MSD

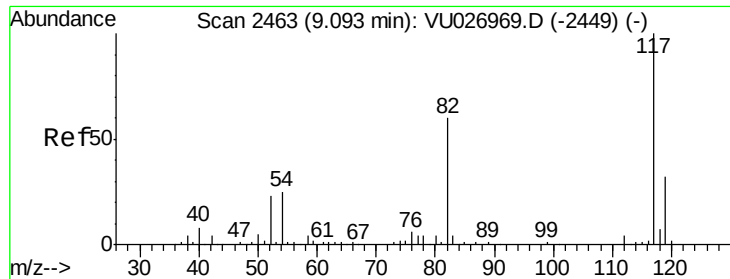
Tot Ion:107 Resp: 70672
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 50.197 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027252.D
 Acq: 28 Sep 2018 02:25

Tgt Ion: 95 Resp: 75462
 Ion Ratio Lower Upper
 95 100
 174 72.9 0.0 150.2
 176 70.2 0.0 145.2

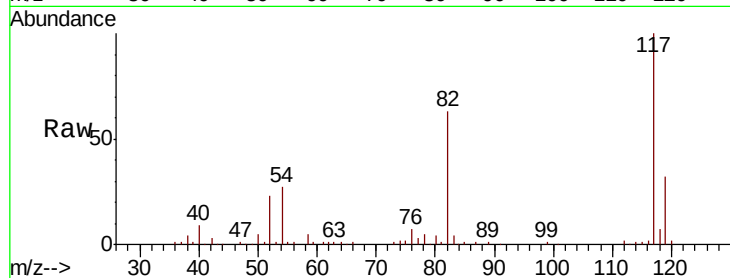




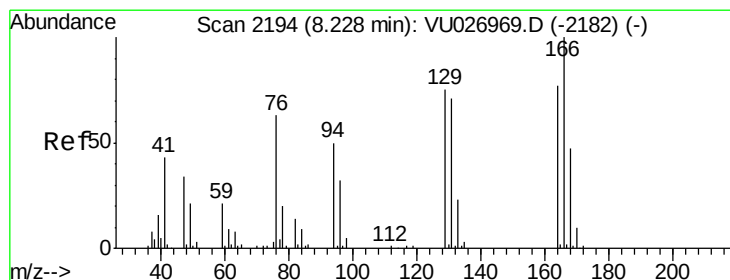
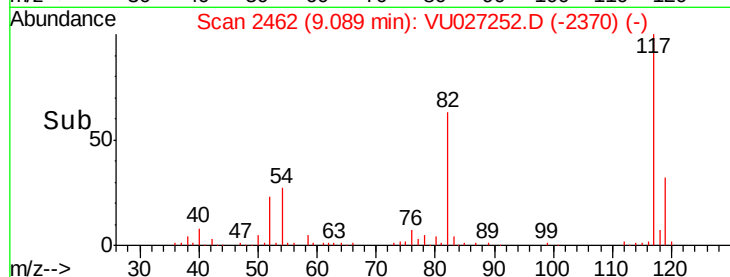
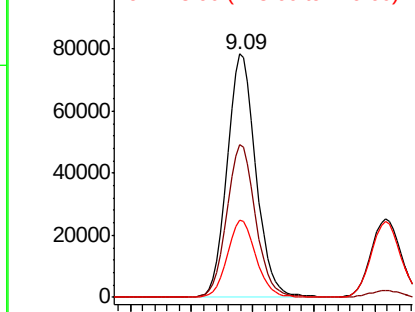
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027252.D
Acq: 28 Sep 2018 02:25

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

Tot Ion:117 Resp: 129376
Ion Ratio Lower Upper
117 100
82 62.6 48.0 72.0
119 31.8 25.8 38.8



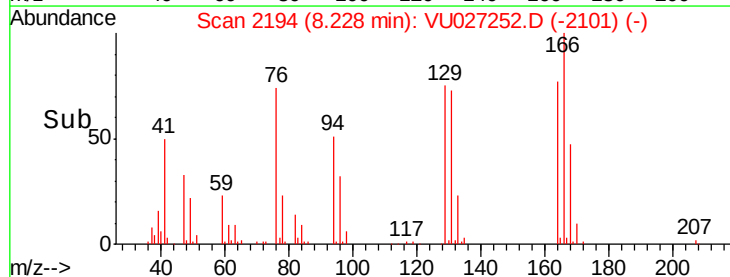
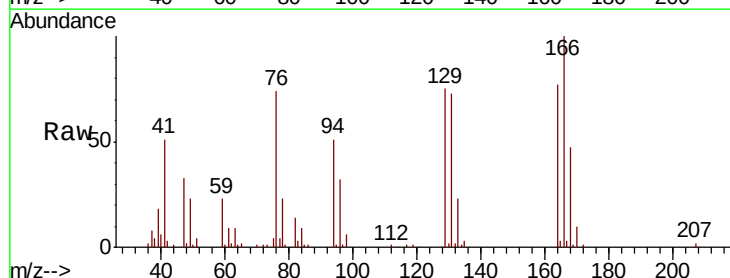
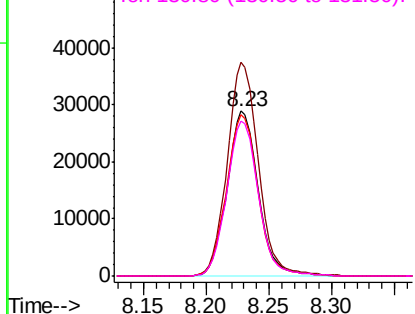
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

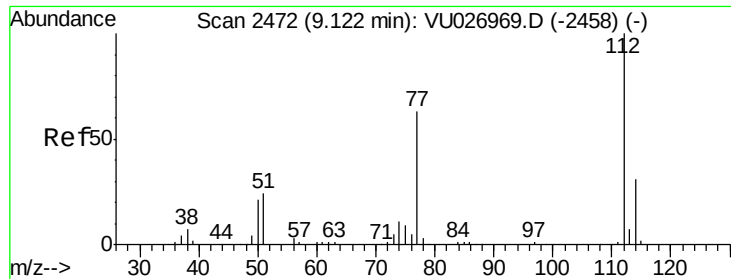


#64
Tetrachloroethene
Concen: 50.050 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027252.D
Acq: 28 Sep 2018 02:25

Tgt Ion:164 Resp: 49896
Ion Ratio Lower Upper
164 100
166 129.7 104.4 156.6
129 97.9 78.7 118.1
131 94.4 73.9 110.9

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

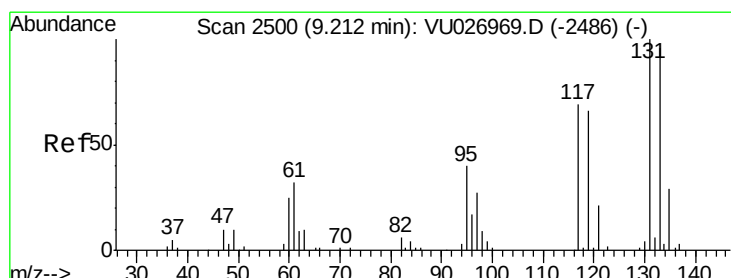
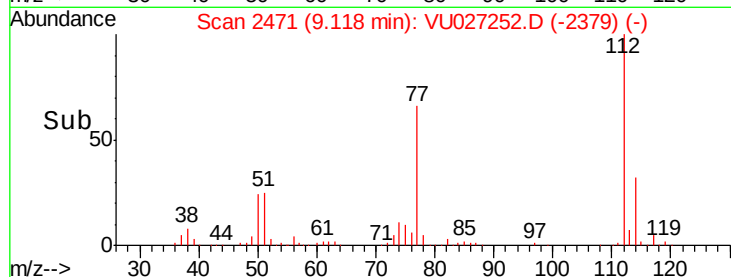
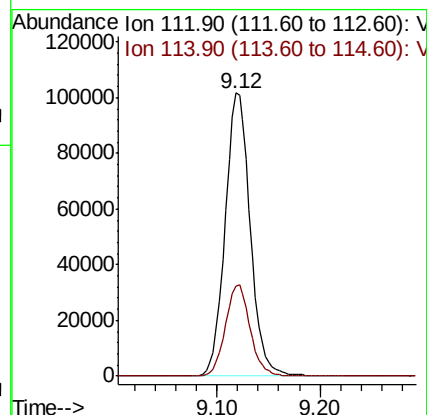
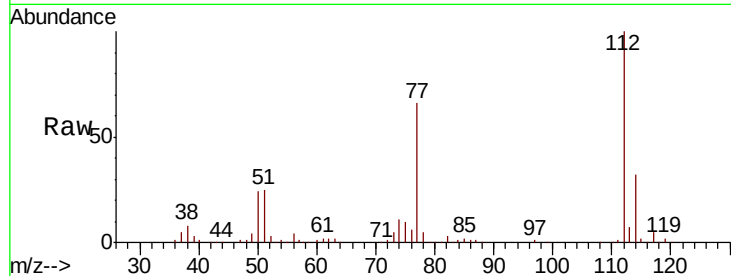




#65
Chlorobenzene
Concen: 50.015 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027252.D
Acq: 28 Sep 2018 02:25

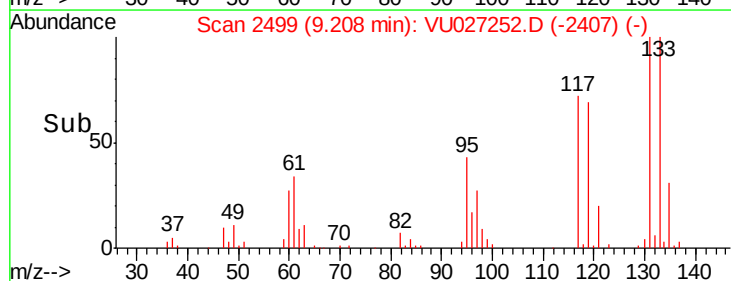
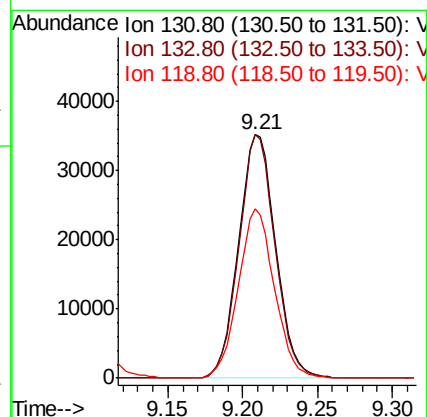
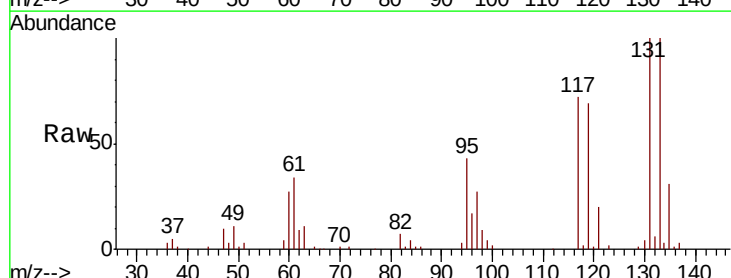
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

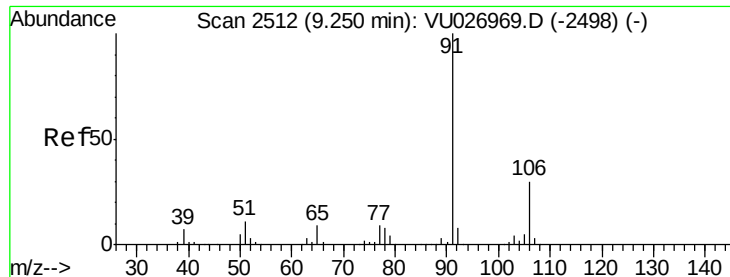
Tot Ion:112 Resp: 171574
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.437 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027252.D
Acq: 28 Sep 2018 02:25

Tgt Ion:131 Resp: 60776
Ion Ratio Lower Upper
131 100
133 97.3 48.0 144.2
119 67.8 33.4 100.1

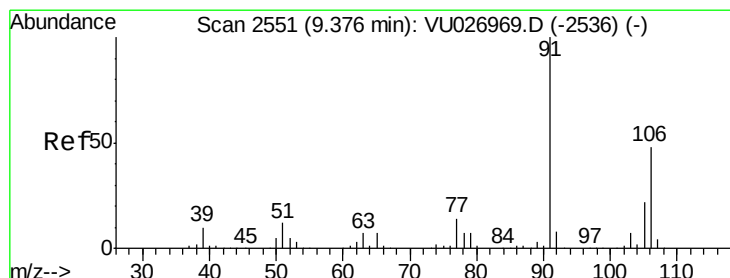
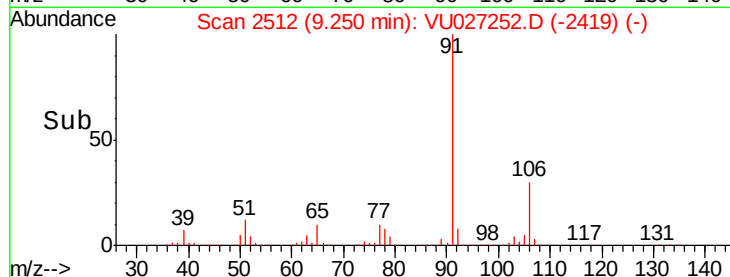
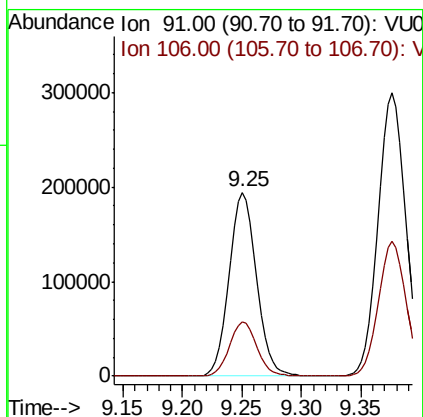
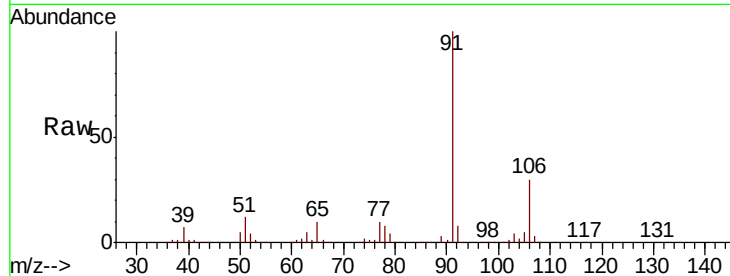




#67
Ethyl Benzene
Concen: 55.064 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027252.D
Acq: 28 Sep 2018 02:25

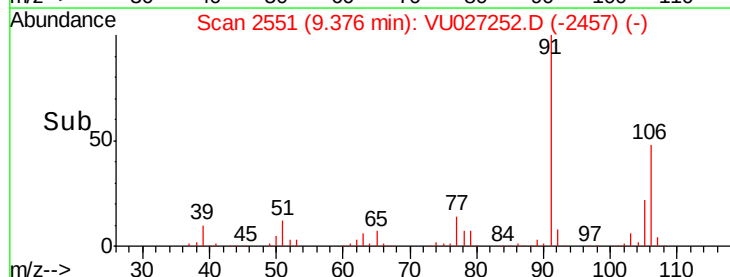
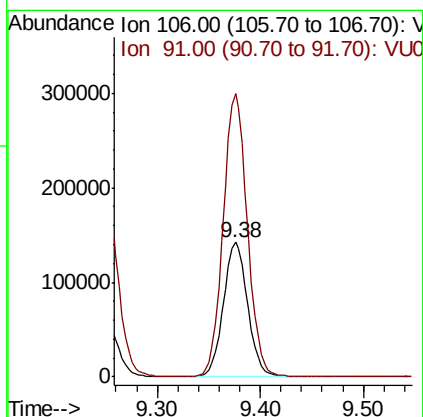
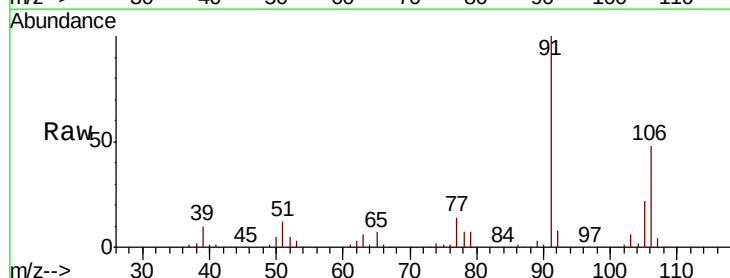
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

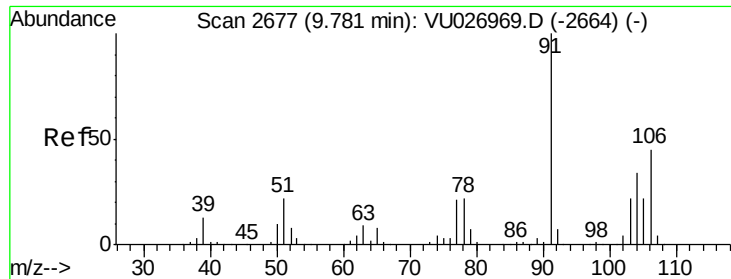
Tot Ion: 91 Resp: 310613
Ion Ratio Lower Upper
91 100
106 29.6 23.8 35.8



#68
m/p-Xylenes
Concen: 101.826 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027252.D
Acq: 28 Sep 2018 02:25

Tgt Ion: 106 Resp: 232686
Ion Ratio Lower Upper
106 100
91 210.2 166.5 249.7

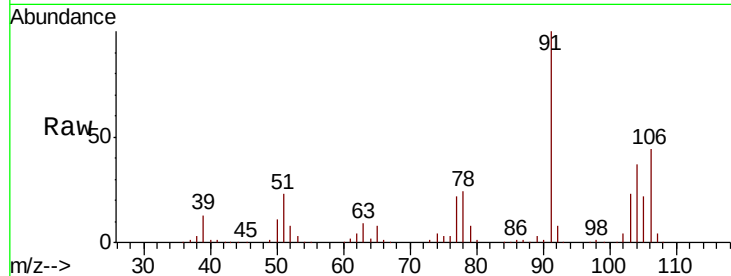




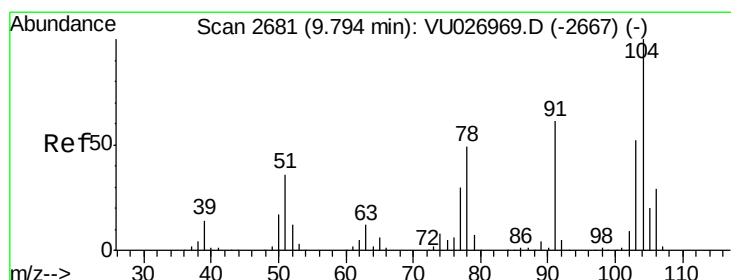
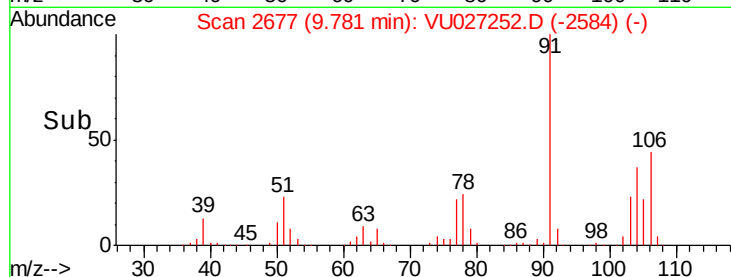
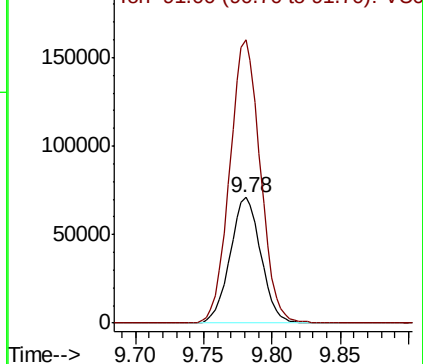
#69
o-Xylene
Concen: 55.622 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027252.D
Acq: 28 Sep 2018 02:25

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

Tot Ion:106 Resp: 111168
Ion Ratio Lower Upper
106 100
91 224.1 110.2 330.6

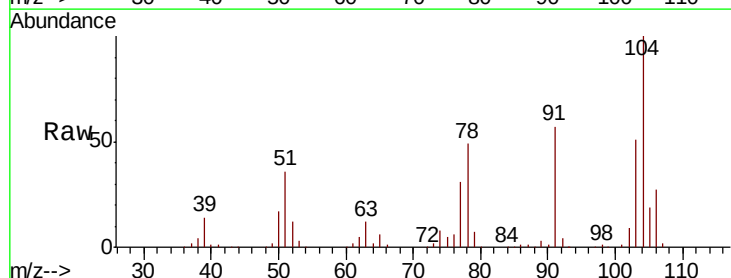


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

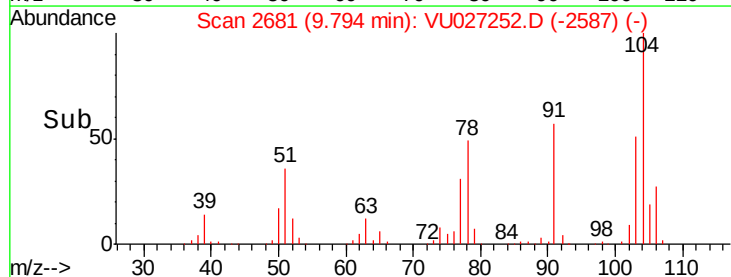
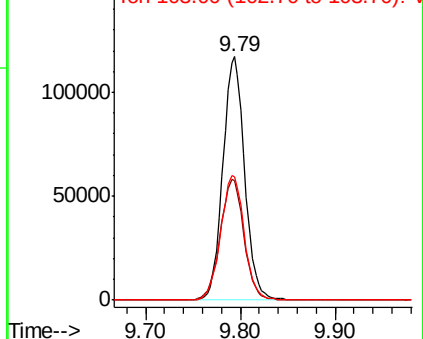


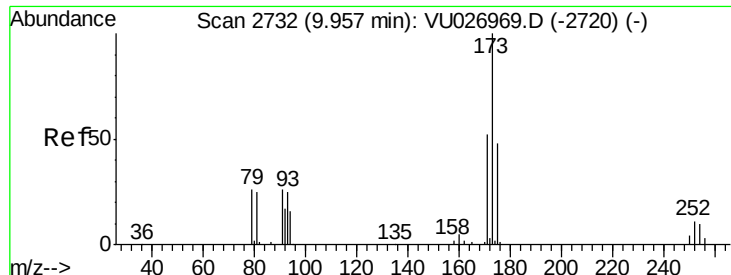
#70
Styrene
Concen: 50.243 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027252.D
Acq: 28 Sep 2018 02:25

Tgt Ion:104 Resp: 187531
Ion Ratio Lower Upper
104 100
78 54.0 43.0 64.4
103 55.2 44.1 66.1



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





#71

Bromoform

Concen: 54.010 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU027252.D

Acq: 28 Sep 2018 02:25

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW311I-20180919MSD

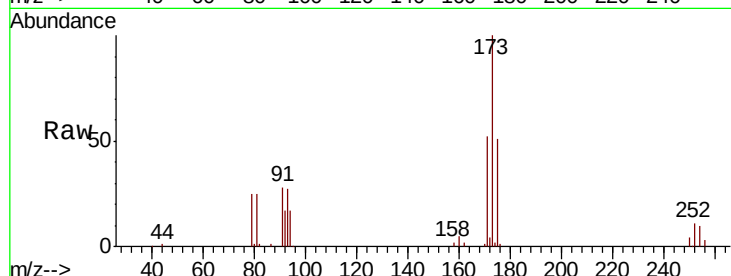
Tot Ion:173 Resp: 49349

Ion Ratio Lower Upper

173 100

175 49.0 23.9 71.8

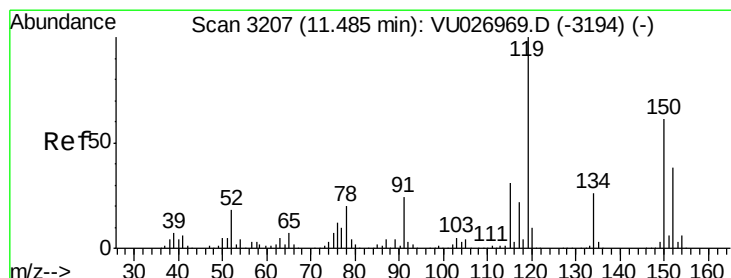
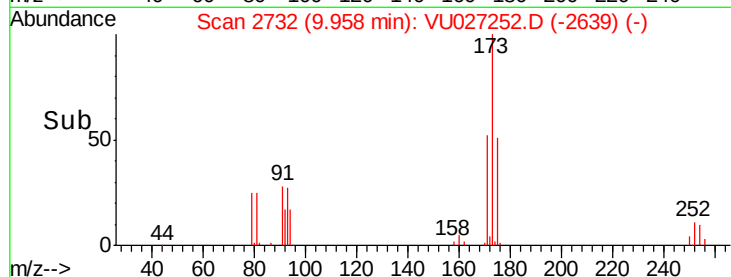
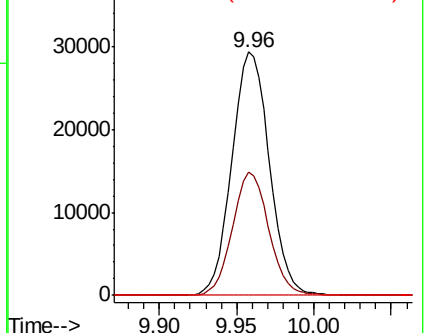
254 0.0 0.0 0.0



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: VU027252.D

Acq: 28 Sep 2018 02:25

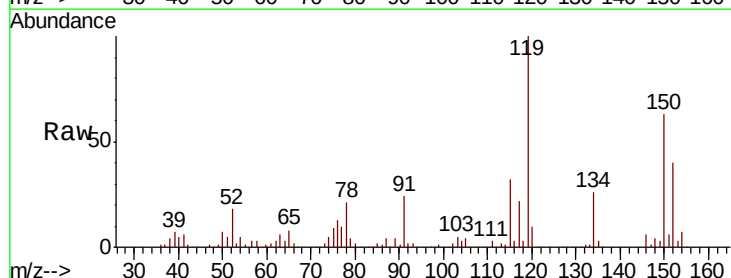
Tgt Ion:152 Resp: 72059

Ion Ratio Lower Upper

152 100

115 88.0 44.9 134.5

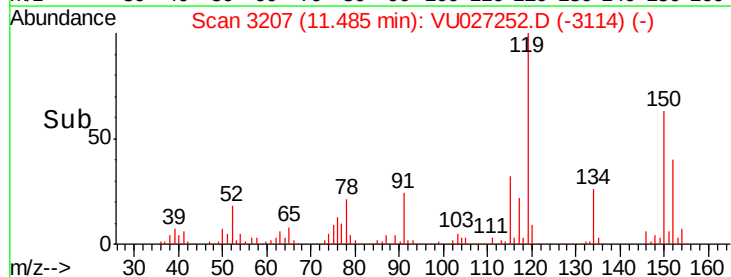
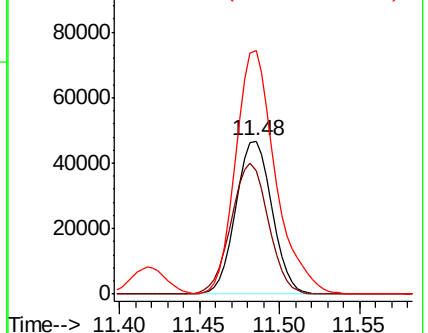
150 175.2 0.0 355.8

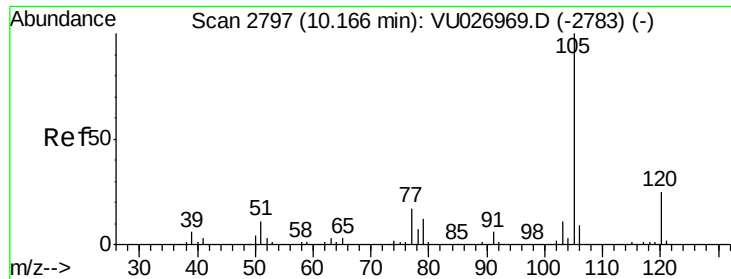


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.009 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027252.D

Acq: 28 Sep 2018 02:25

Instrument :

MSVOA_U

ClientSampleId :

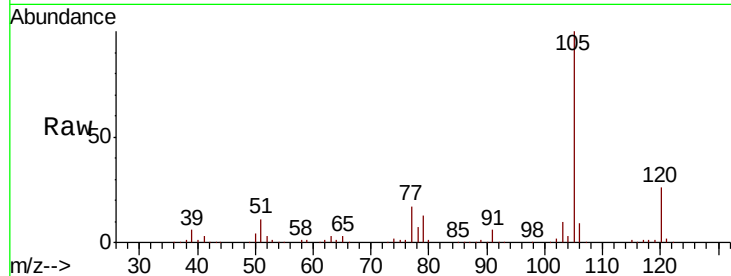
BPSI-TT-MW311I-20180919MSD

Tot Ion:105 Resp: 301528

Ion Ratio Lower Upper

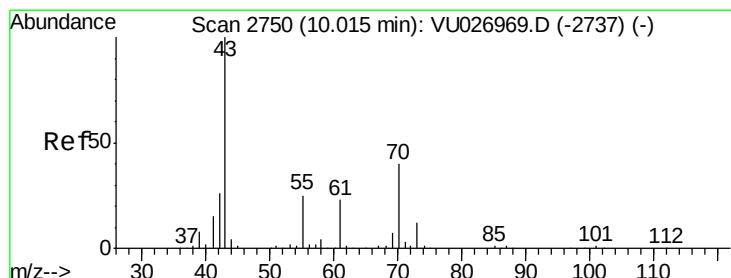
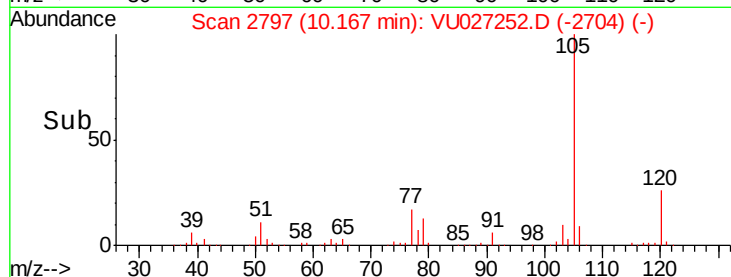
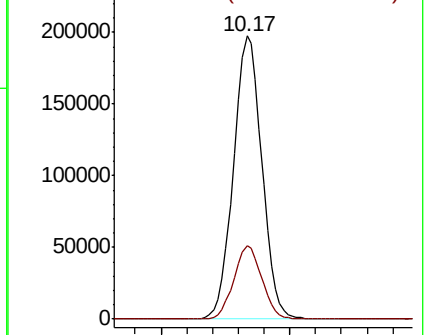
105 100

120 25.6 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: 51.374 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU027252.D

Acq: 28 Sep 2018 02:25

Tgt Ion: 43 Resp: 163003

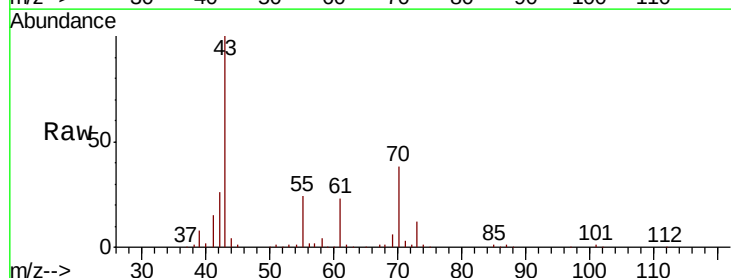
Ion Ratio Lower Upper

43 100

70 38.1 31.8 47.8

55 24.2 19.9 29.9

61 23.0 18.4 27.6

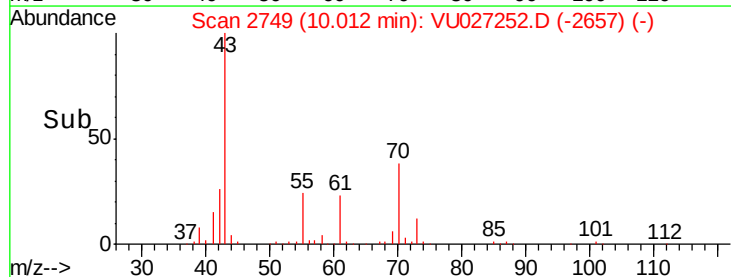
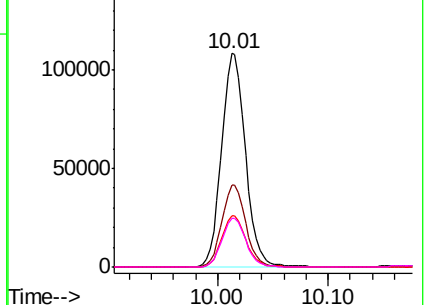


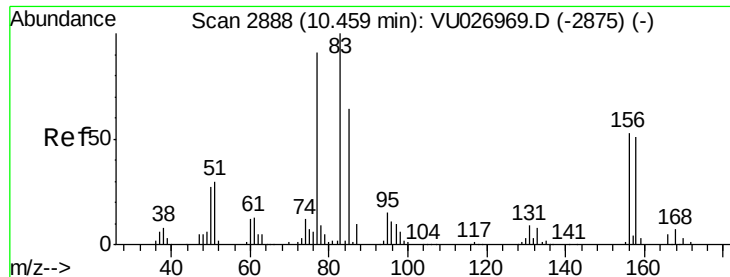
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.114 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027252.D

Acq: 28 Sep 2018 02:25

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW311I-20180919MSD

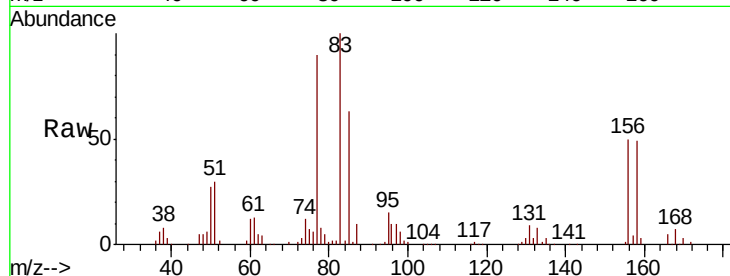
Tot Ion: 83 Resp: 118737

Ion Ratio Lower Upper

83 100

131 8.7 4.3 12.8

85 64.0 31.9 95.7

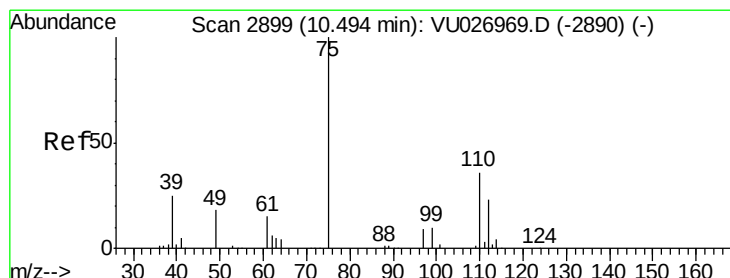
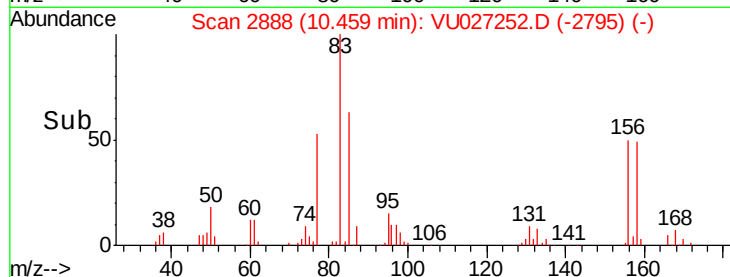


Abundance Ion 82.90 (82.60 to 83.60): VU027252.D (-2795) (-)

Ion 130.80 (130.50 to 131.50): VU027252.D (-2795) (-)

Ion 84.90 (84.60 to 85.60): VU027252.D (-2795) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 61.946 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027252.D

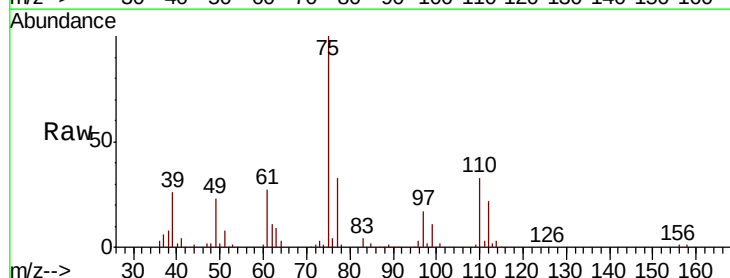
Acq: 28 Sep 2018 02:25

Tgt Ion: 75 Resp: 135609

Ion Ratio Lower Upper

75 100

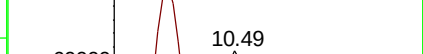
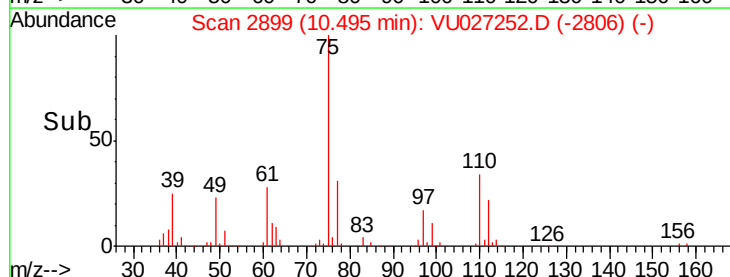
77 31.5 20.9 62.8

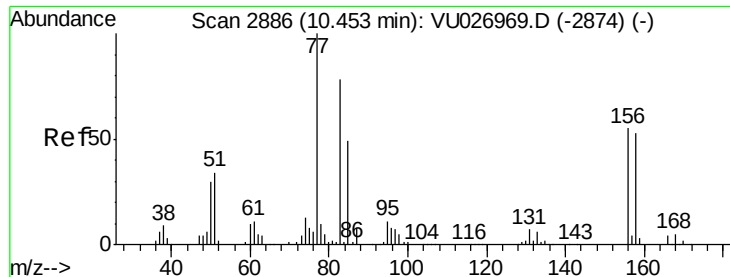


Abundance Ion 74.90 (74.60 to 75.60): VU027252.D (-2806) (-)

Ion 77.00 (76.70 to 77.70): VU027252.D (-2806) (-)

Time-->





#77

Bromobenzene

Concen: 50.966 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027252.D

Acq: 28 Sep 2018 02:25

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW311I-20180919MSD

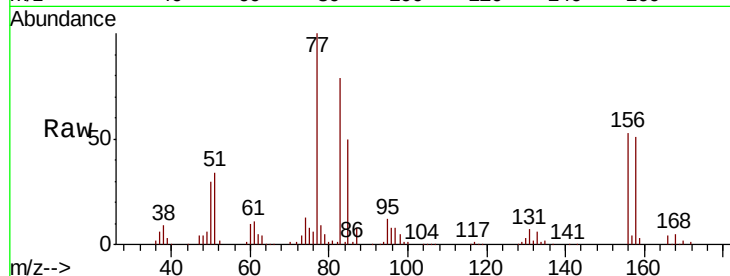
Tot Ion:156 Resp: 68268

Ion Ratio Lower Upper

156 100

77 191.7 92.3 276.9

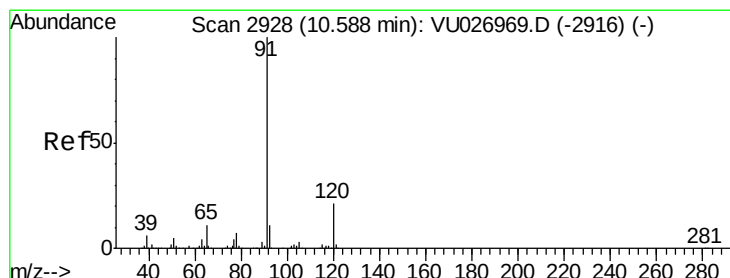
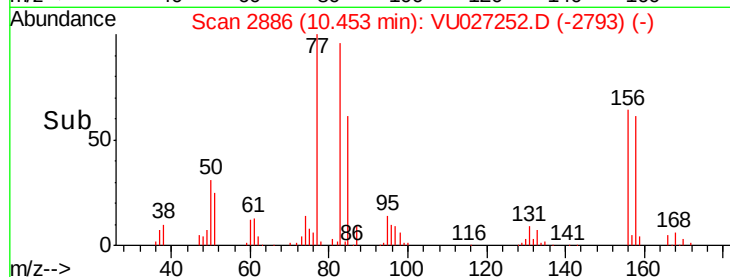
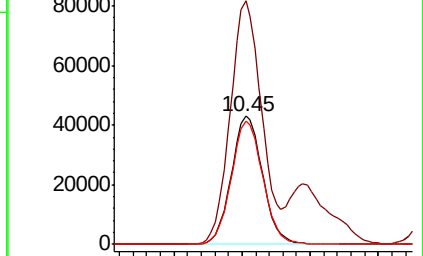
158 97.2 48.1 144.3



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: 56.566 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027252.D

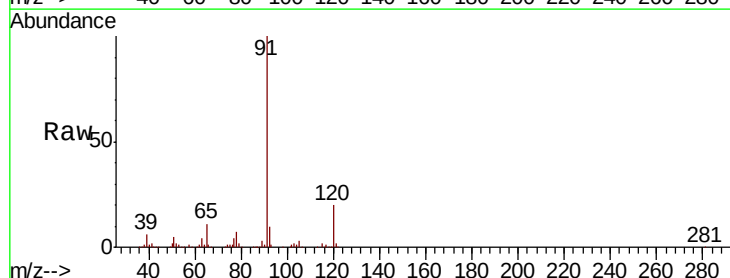
Acq: 28 Sep 2018 02:25

Tgt Ion: 91 Resp: 366874

Ion Ratio Lower Upper

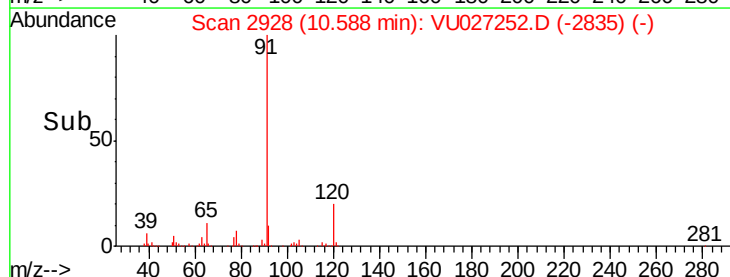
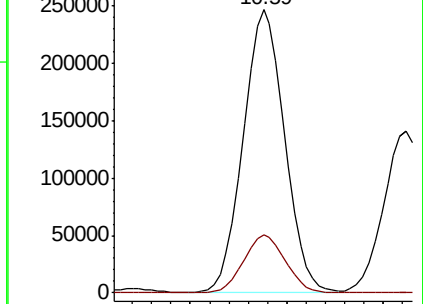
91 100

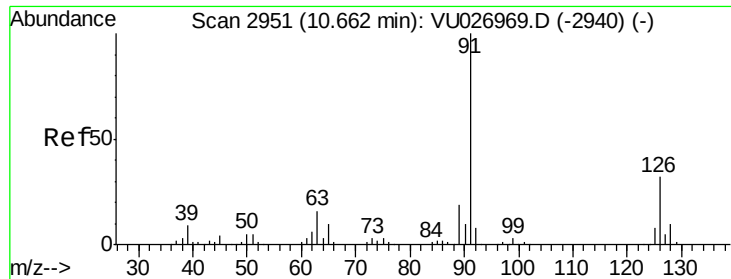
120 20.7 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

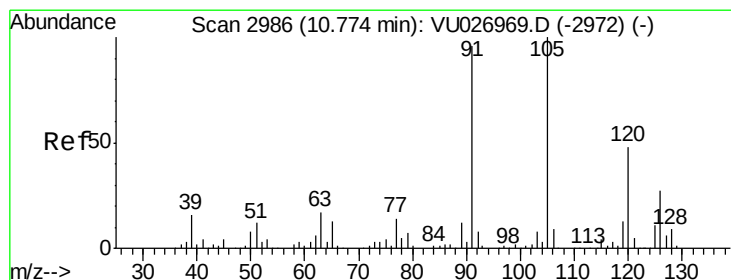
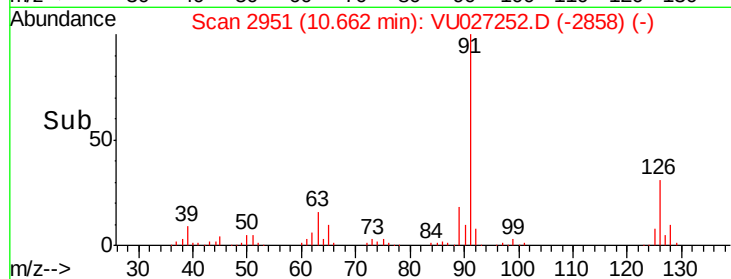
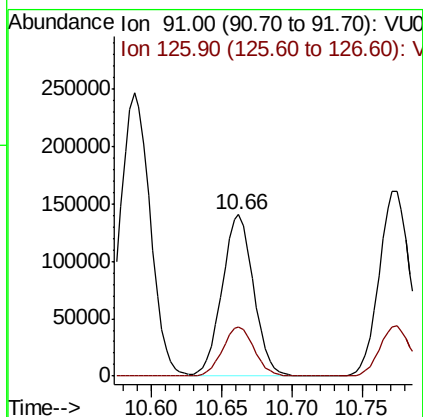
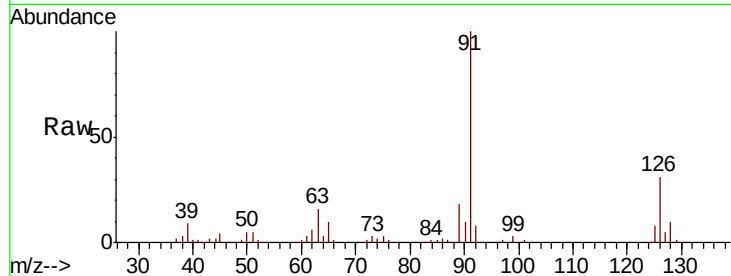




#79
 2-Chlorotoluene
 Concen: 53.701 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027252.D
 Acq: 28 Sep 2018 02:25

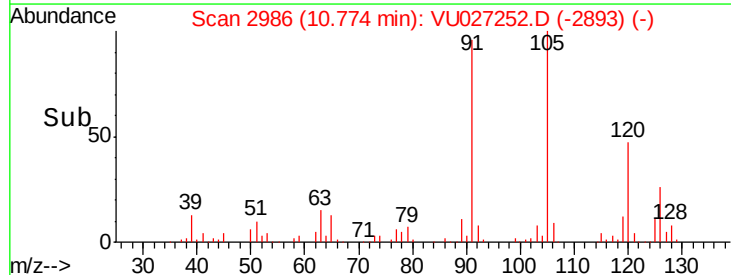
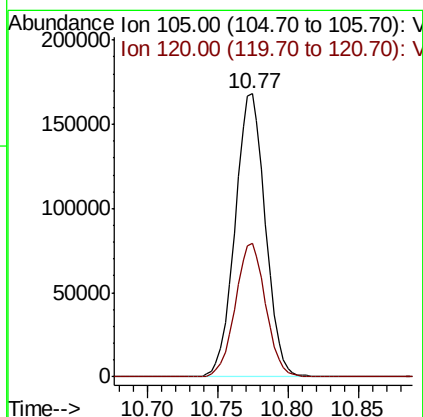
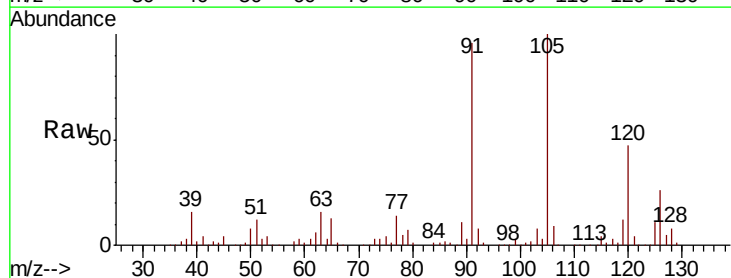
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW311I-20180919MSD

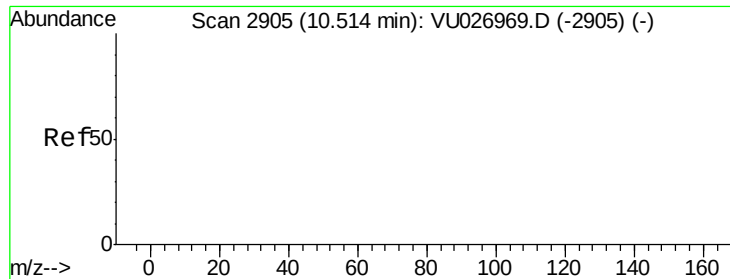
Tot Ion: 91 Resp: 218775
 Ion Ratio Lower Upper
 91 100
 126 30.8 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 55.992 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027252.D
 Acq: 28 Sep 2018 02:25

Tgt Ion: 105 Resp: 253355
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.9 71.7

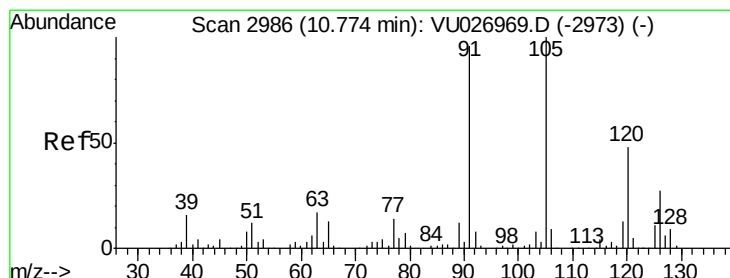
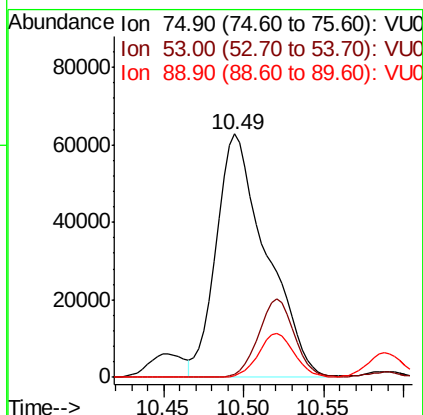
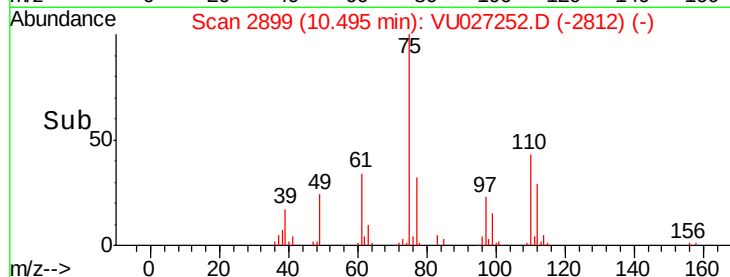
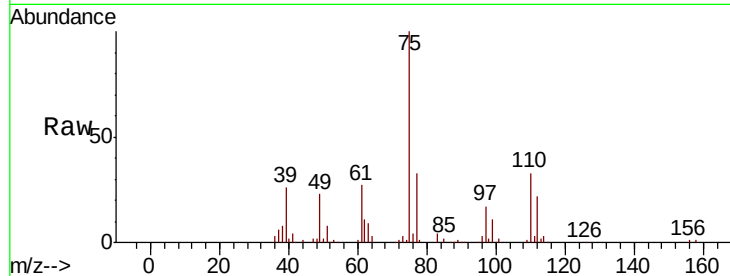




#81
trans-1,4-Dichloro-2-butene
Concen: 198.240 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU027252.D
Acq: 28 Sep 2018 02:25

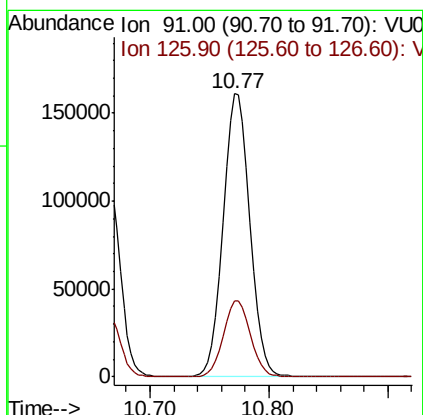
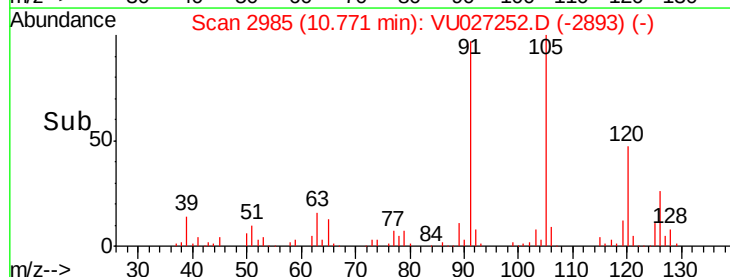
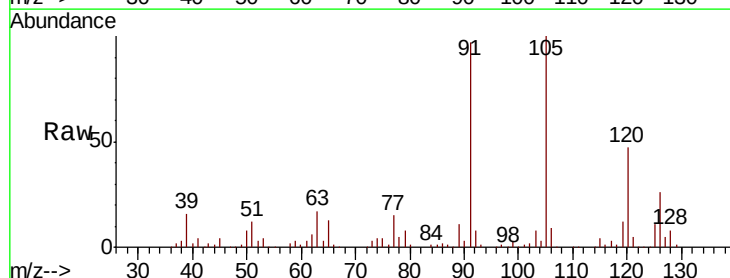
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

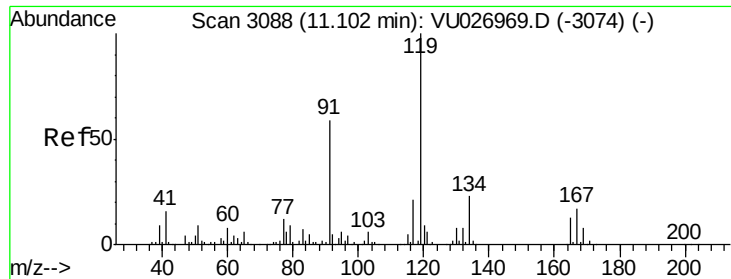
Tot Ion: 75 Resp: 135609
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 54.744 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU027252.D
Acq: 28 Sep 2018 02:25

Tgt Ion: 91 Resp: 250071
Ion Ratio Lower Upper
91 100
126 27.4 14.1 42.2

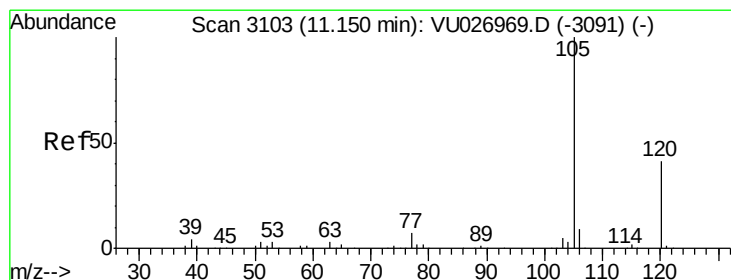
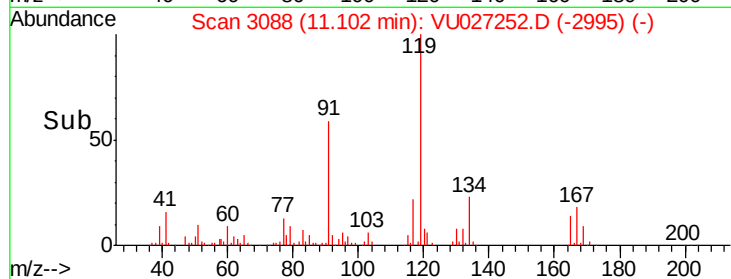
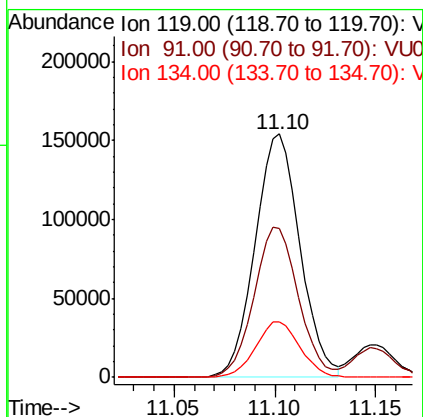
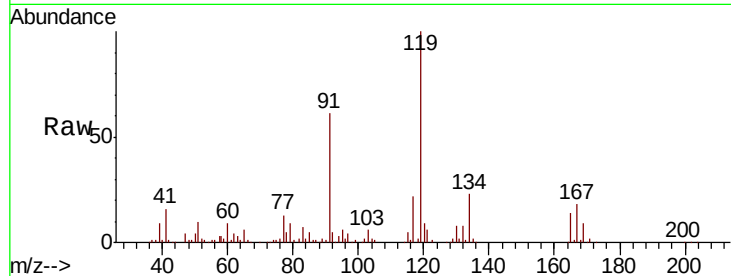




#83
 tert-Butylbenzene
 Concen: 53.545 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027252.D
 Acq: 28 Sep 2018 02:25

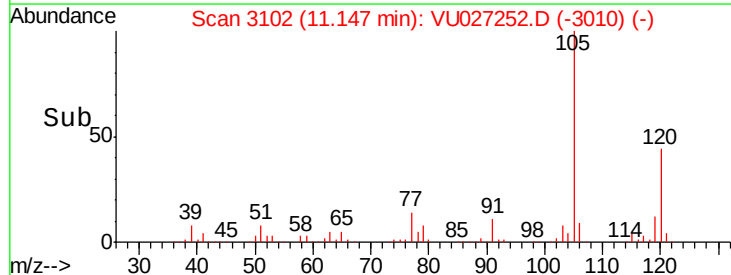
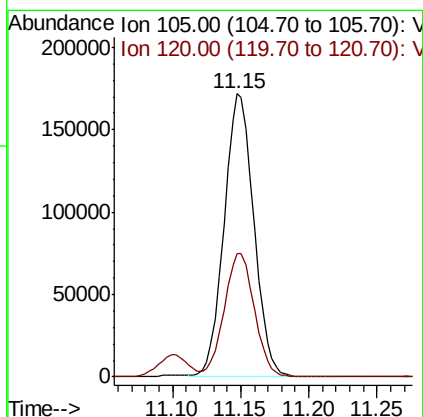
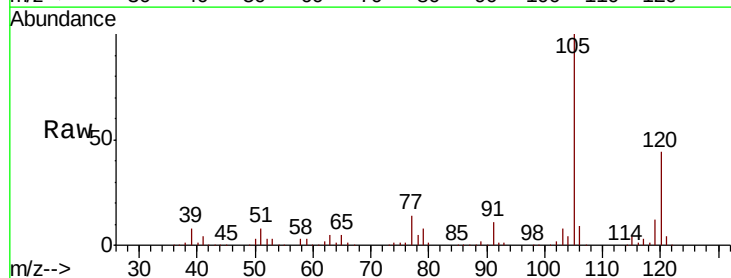
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW311I-20180919MSD

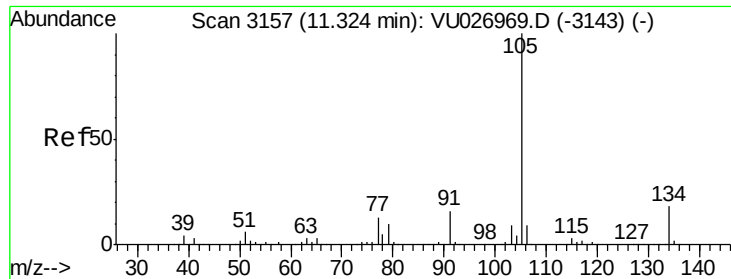
Tot Ion:119 Resp: 239532
 Ion Ratio Lower Upper
 119 100
 91 60.7 29.8 89.4
 134 22.6 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 56.340 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU027252.D
 Acq: 28 Sep 2018 02:25

Tgt Ion:105 Resp: 259439
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.4 67.2

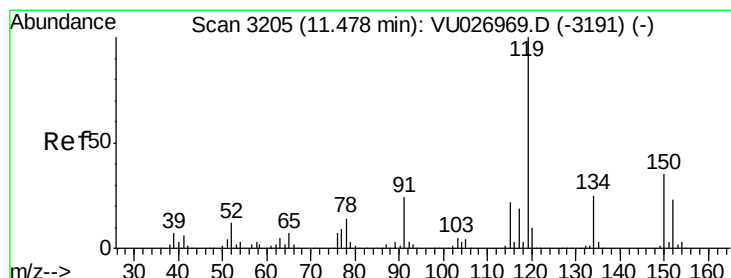
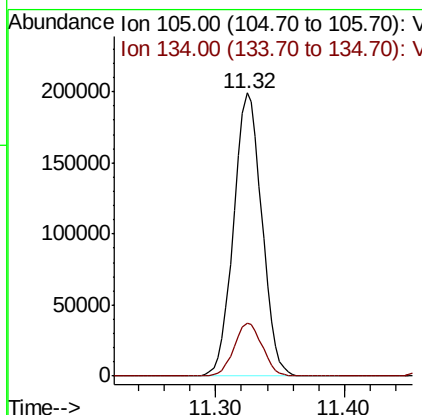
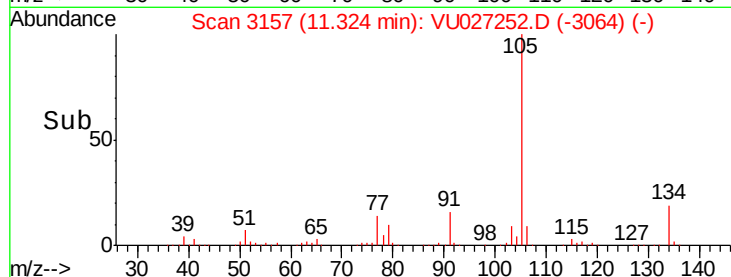
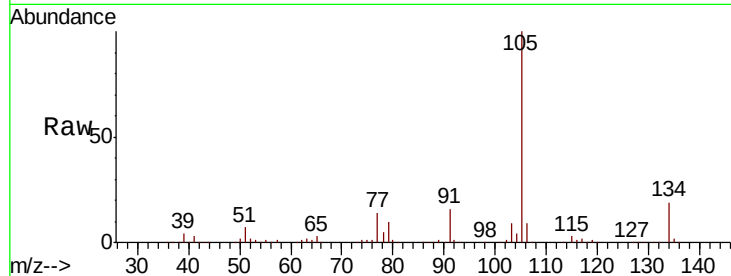




#85
 sec-Butylbenzene
 Concen: 55.431 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027252.D
 Acq: 28 Sep 2018 02:25

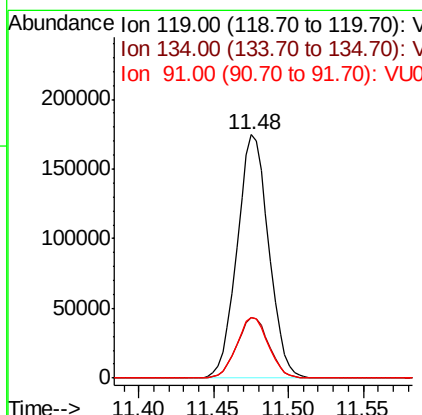
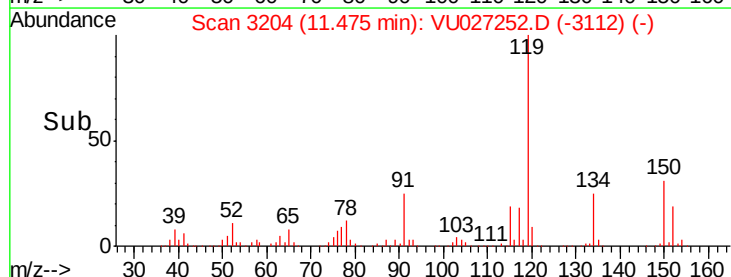
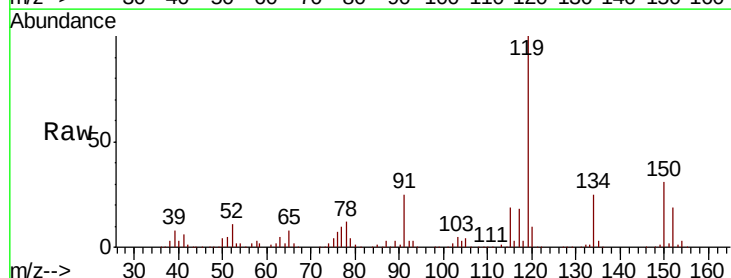
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW311I-20180919MSD

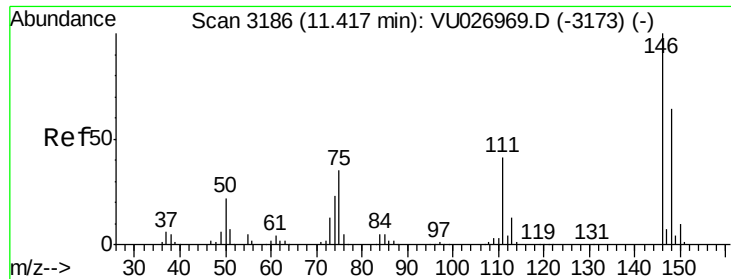
Tot Ion:105 Resp: 302695
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 50.144 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027252.D
 Acq: 28 Sep 2018 02:25

Tgt Ion:119 Resp: 256952
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.8 38.3
 91 24.9 12.3 36.8

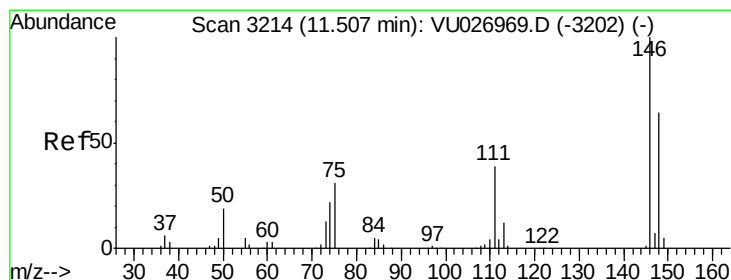
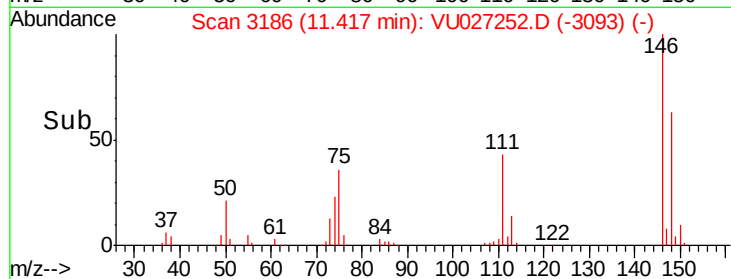
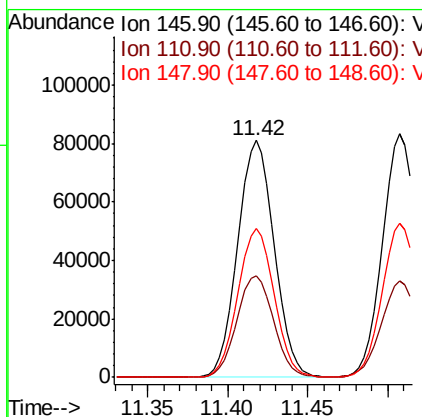
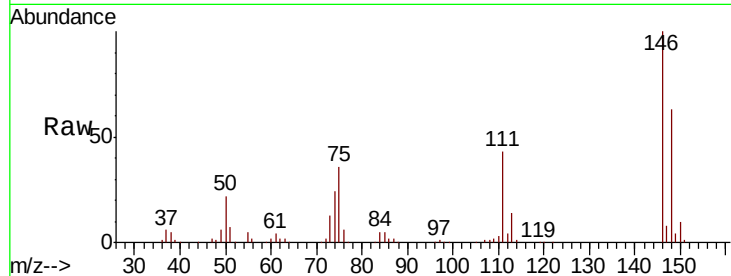




#87
 1,3-Dichlorobenzene
 Concen: 50.608 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027252.D
 Acq: 28 Sep 2018 02:25

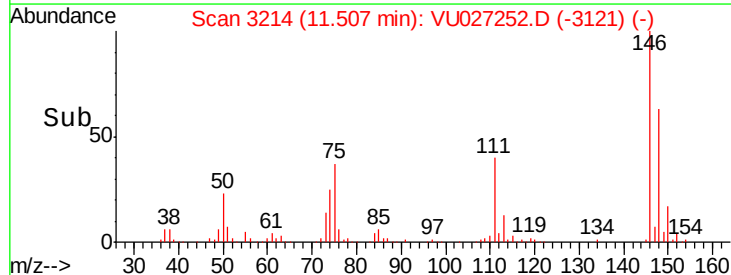
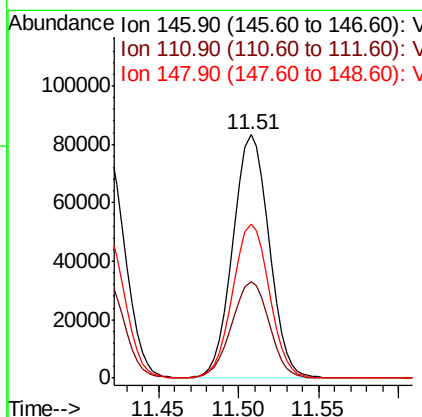
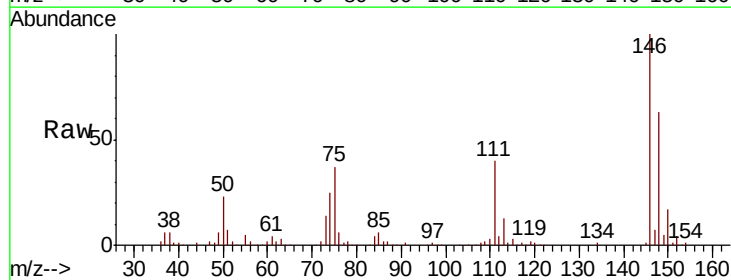
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW311I-20180919MSD

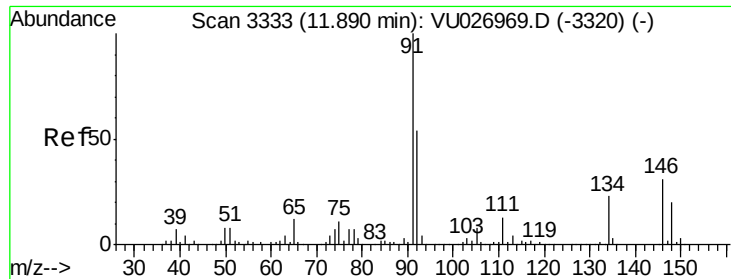
Tot Ion:146 Resp: 126147
 Ion Ratio Lower Upper
 146 100
 111 43.1 20.8 62.2
 148 62.2 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 47.094 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027252.D
 Acq: 28 Sep 2018 02:25

Tgt Ion:146 Resp: 127940
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.3 60.9
 148 64.6 31.9 95.9

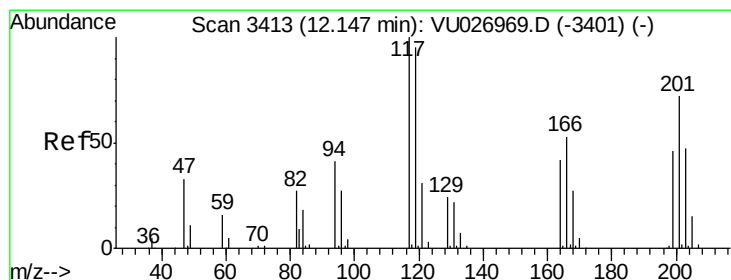
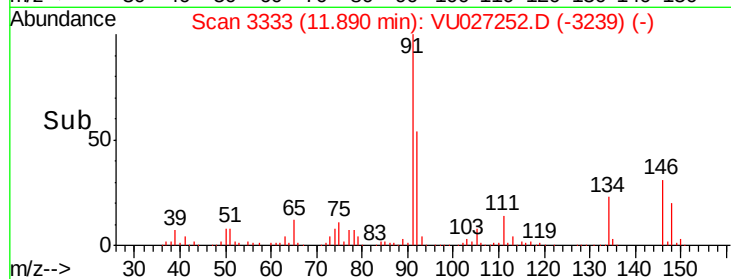
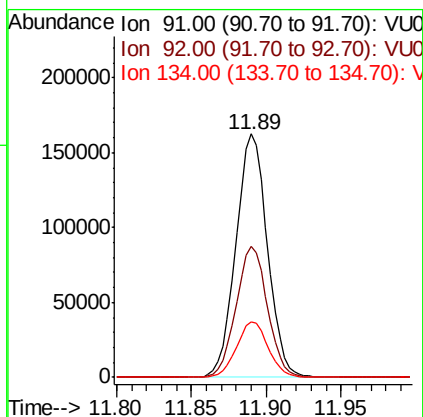
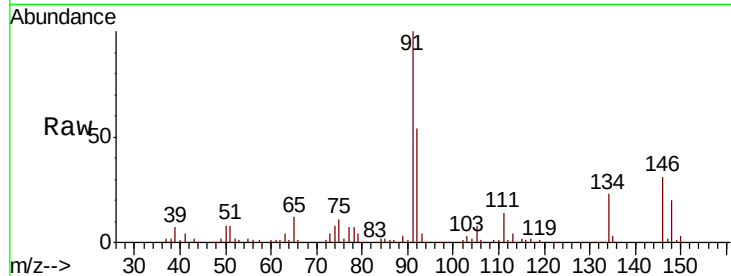




#89
n-Butylbenzene
Concen: 48.053 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027252.D
Acq: 28 Sep 2018 02:25

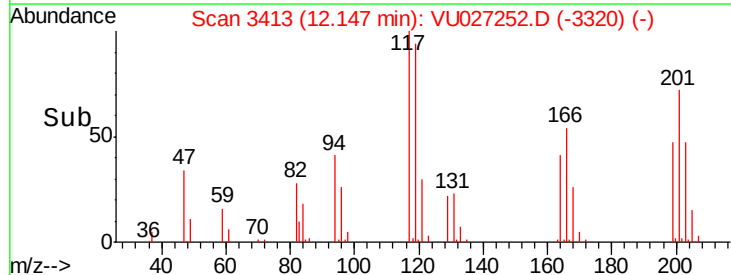
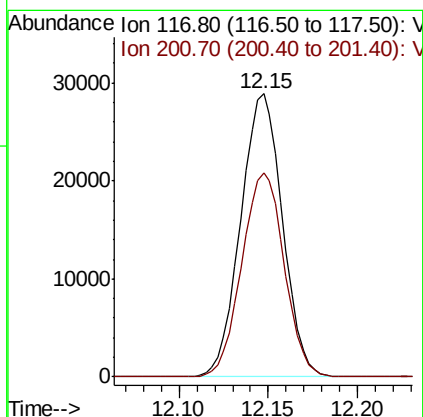
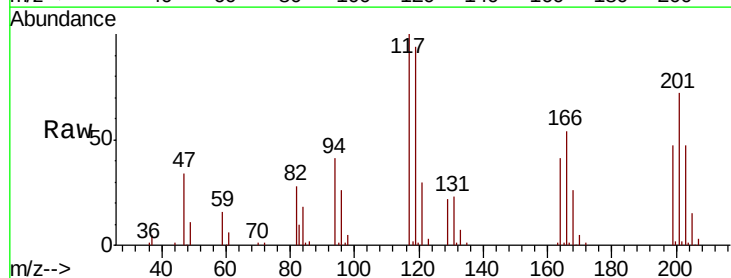
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

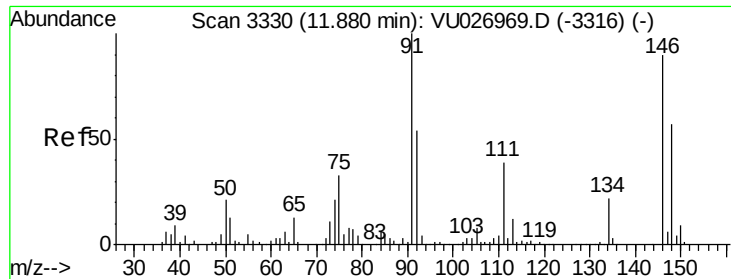
Tot Ion: 91 Resp: 238200
Ion Ratio Lower Upper
91 100
92 53.5 27.1 81.2
134 22.8 11.7 35.0



#90
Hexachloroethane
Concen: 47.470 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU027252.D
Acq: 28 Sep 2018 02:25

Tgt Ion: 117 Resp: 47139
Ion Ratio Lower Upper
117 100
201 73.3 36.8 110.3

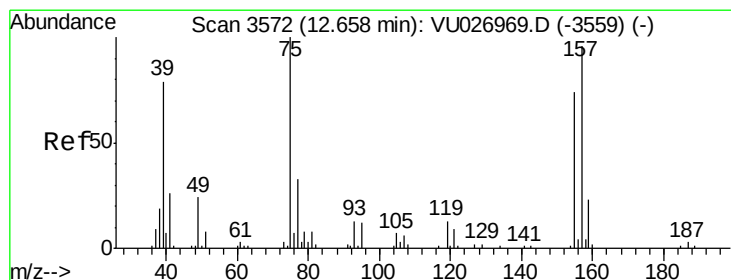
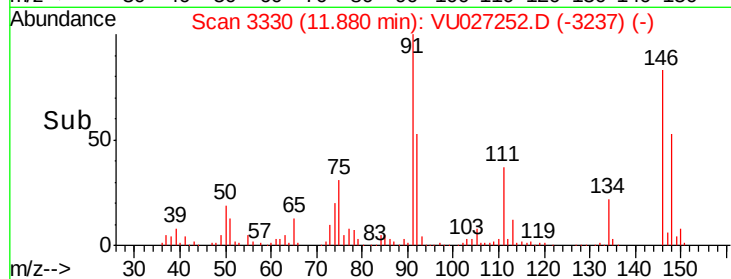
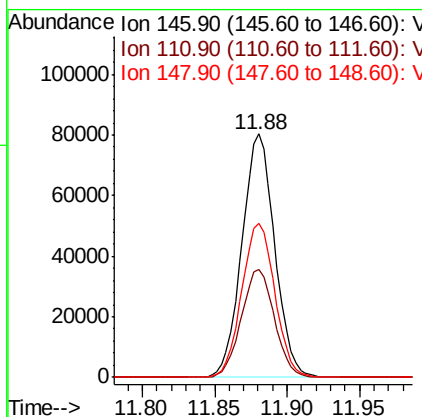
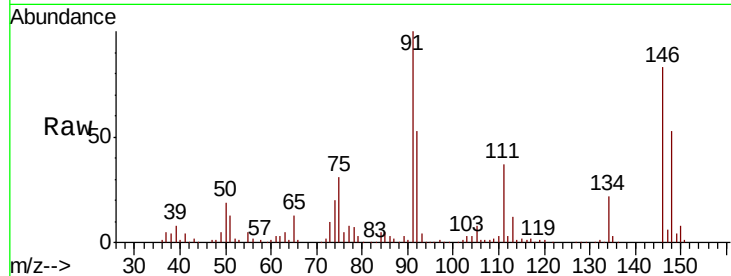




#91
 1,2-Dichlorobenzene
 Concen: 47.767 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027252.D
 Acq: 28 Sep 2018 02:25

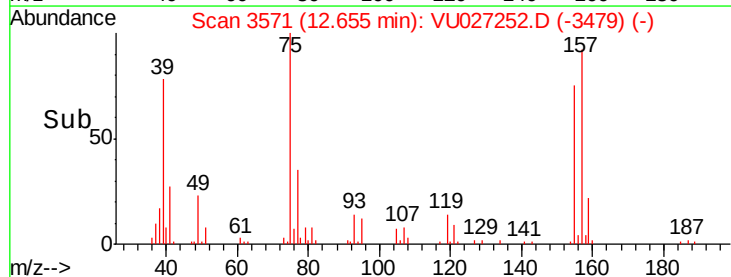
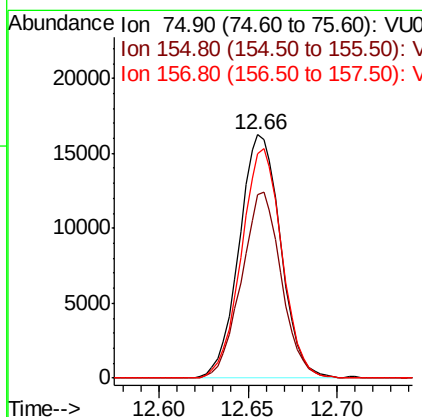
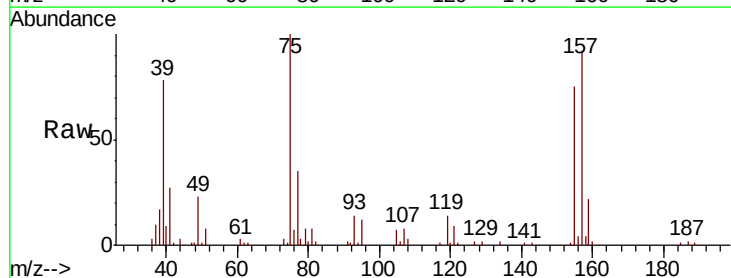
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW311I-20180919MSD

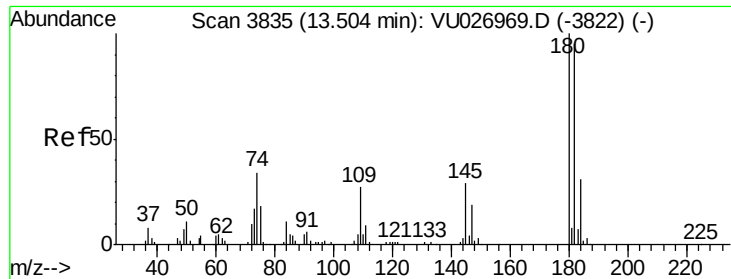
Tot Ion:146 Resp: 126477
 Ion Ratio Lower Upper
 146 100
 111 44.7 21.8 65.3
 148 63.9 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.251 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU027252.D
 Acq: 28 Sep 2018 02:25

Tgt Ion: 75 Resp: 26350
 Ion Ratio Lower Upper
 75 100
 155 73.6 36.6 109.8
 157 92.1 47.4 142.2

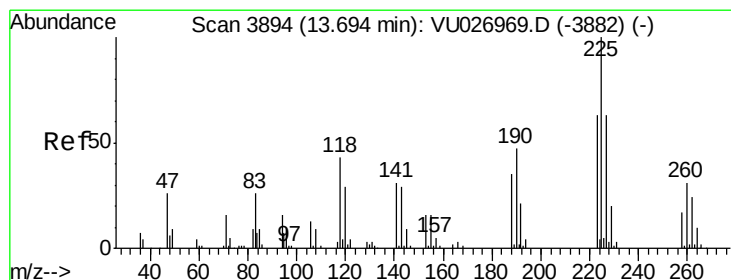
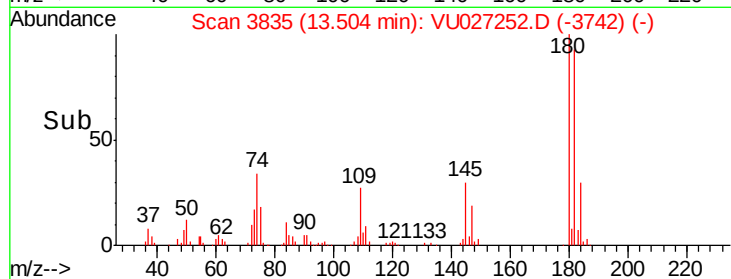
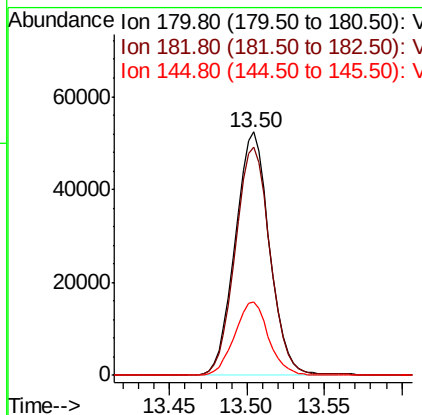
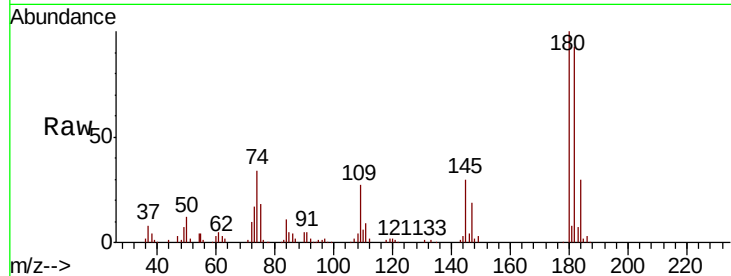




#93
 1,2,4-Trichlorobenzene
 Concen: 52.901 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027252.D
 Acq: 28 Sep 2018 02:25

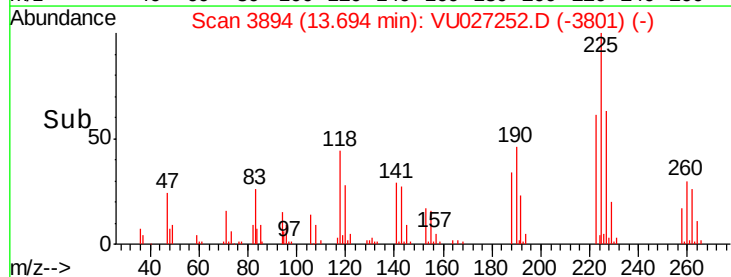
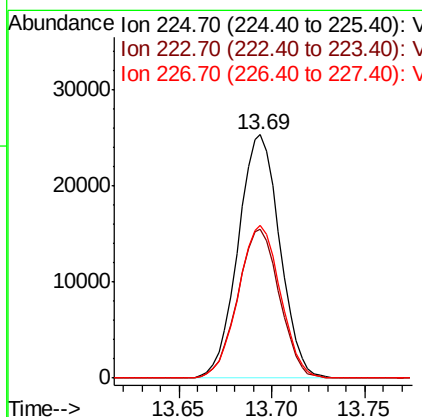
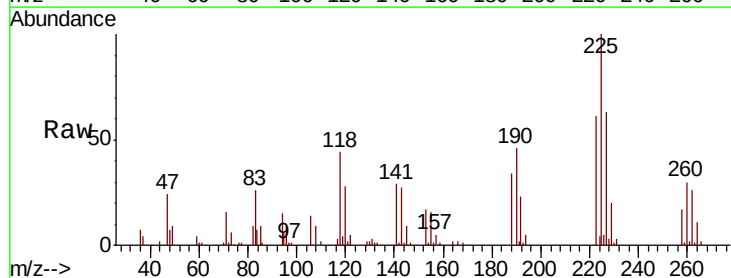
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW311I-20180919MSD

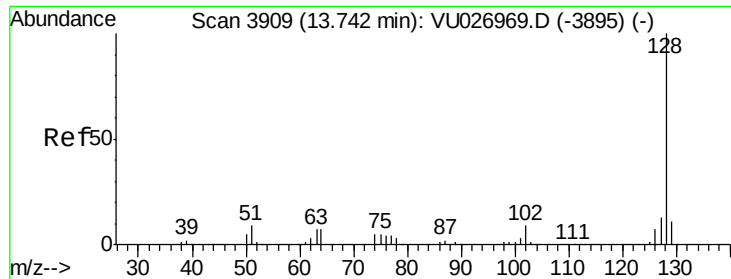
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.4	142.2
145	29.8	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 48.910 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027252.D
 Acq: 28 Sep 2018 02:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	31.9	95.7
227	63.1	32.1	96.5

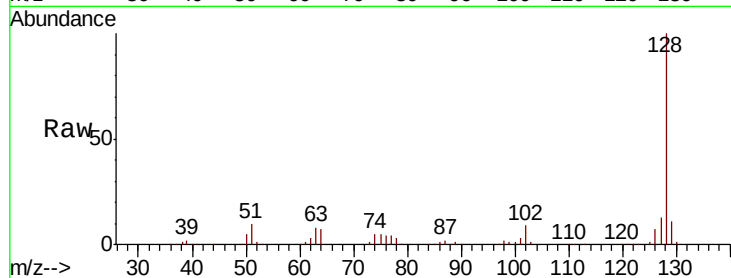




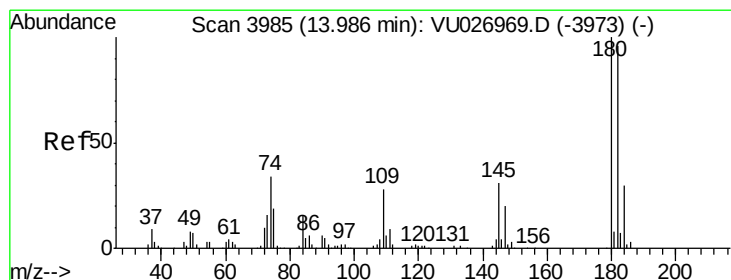
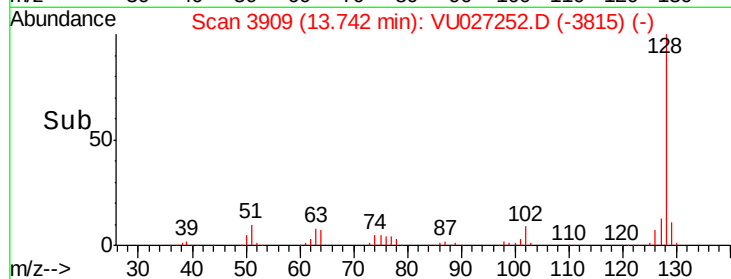
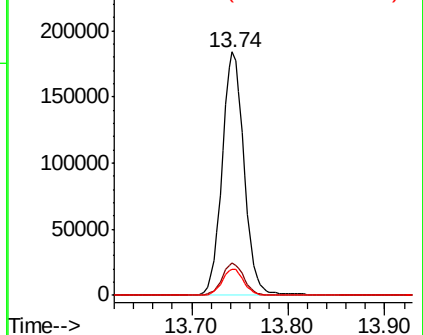
#95
Naphthalene
Concen: 48.723 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027252.D
Acq: 28 Sep 2018 02:25

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

Tot Ion:128 Resp: 290407
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.7 8.6 12.8

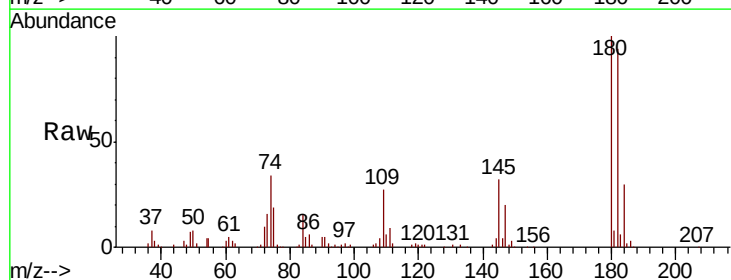


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 52.975 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027252.D
Acq: 28 Sep 2018 02:25

Tgt Ion:180 Resp: 86682
Ion Ratio Lower Upper
180 100
182 95.4 47.5 142.5
145 31.8 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

