

Data File : VU027038.D
Acq On : 22 Sep 2018 23:56
Operator : MD/SY
Sample : J4958-03MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 78 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

Quant Time: Sep 24 02:55:32 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	86525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	149450	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	147399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	78521	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	86258	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
35) Dibromofluoromethane	4.88	113	60434	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
50) Toluene-d8	7.57	98	224669	45.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.02%	
62) 4-Bromofluorobenzene	10.31	95	81824	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	48955	43.335	ug/l	100
3) Chloromethane	1.33	50	86266	44.291	ug/l	98
4) Vinyl Chloride	1.40	62	83130	45.723	ug/l	99
5) Bromomethane	1.62	94	45498	43.945	ug/l	100
6) Chloroethane	1.69	64	54495	46.911	ug/l	100
7) Trichlorofluoromethane	1.88	101	92764	44.923	ug/l	99
8) Diethyl Ether	2.10	74	47696	47.988	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.29	101	53714	42.306	ug/l	99
10) Methyl Iodide	2.41	142	62304	39.566	ug/l	100
11) Tert butyl alcohol	2.83	59	106434	266.648	ug/l	98
12) 1,1-Dichloroethene	2.28	96	54987	46.013	ug/l	97
13) Acrolein	2.19	56	52345	243.272	ug/l	98
14) Allyl chloride	2.59	41	122371	50.487	ug/l	96
15) Acrylonitrile	2.94	53	255154	253.626	ug/l	99
16) Acetone	2.32	43	226762	244.790	ug/l	100
17) Carbon Disulfide	2.48	76	172310	44.261	ug/l	99
18) Methyl Acetate	2.61	43	116587	47.036	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	228549	52.044	ug/l	99
20) Methylene Chloride	2.70	84	71081	45.576	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	60736	47.602	ug/l	99
22) Diisopropyl ether	3.57	45	277213	53.471	ug/l	98
23) Vinyl Acetate	3.53	43	1072067	242.590	ug/l	99
24) 1,1-Dichloroethane	3.45	63	141401	49.522	ug/l	99
25) 2-Butanone	4.26	43	364028	248.738	ug/l	99
26) 2,2-Dichloropropane	4.23	77	90638	40.703	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	70718	49.079	ug/l	99
28) Bromochloromethane	4.55	49	73793	53.613	ug/l	96
29) Tetrahydrofuran	4.64	42	237983	268.810	ug/l	97
30) Chloroform	4.68	83	126208	47.618	ug/l	98
31) Cyclohexane	5.00	56	119091	45.835	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	102381	48.380	ug/l	99
36) 1,1-Dichloropropene	5.14	75	93166	46.709	ug/l	98
37) Ethyl Acetate	4.38	43	117224	43.414	ug/l	99
38) Carbon Tetrachloride	5.14	117	85909	45.260	ug/l	100

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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	93475	43.125	ug/l	99
40) Benzene	5.39	78	285568	47.096	ug/l	100
41) Methacrylonitrile	4.54	41	74084	52.830	ug/l	99
42) 1,2-Dichloroethane	5.40	62	111732	48.773	ug/l	99
43) Isopropyl Acetate	5.55	43	193227	49.070	ug/l	98
44) Trichloroethene	6.19	130	59594	46.166	ug/l	98
45) 1,2-Dichloropropane	6.43	63	82705	47.870	ug/l	96
46) Dibromomethane	6.56	93	47810	45.820	ug/l	99
47) Bromodichloromethane	6.76	83	97522	46.221	ug/l	98
48) Methyl methacrylate	6.62	41	101988	47.634	ug/l	98
49) 1,4-Dioxane	6.61	88	40971	962.496	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	694132	262.093	ug/l	98
52) Toluene	7.64	92	167599	48.222	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	113107	49.895	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	116364	46.685	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	70091	47.594	ug/l	98
56) Ethyl methacrylate	8.02	69	118029	46.357	ug/l	98
57) 1,3-Dichloropropane	8.24	76	134104	48.959	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.27	63	657	5.306	ug/l #	52
59) 2-Hexanone	8.36	43	530943	256.107	ug/l	100
60) Dibromochloromethane	8.48	129	70461	48.777	ug/l	99
61) 1,2-Dibromoethane	8.59	107	72956	47.612	ug/l	98
64) Tetrachloroethene	8.23	164	48320	42.542	ug/l	98
65) Chlorobenzene	9.12	112	174012	44.524	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	63492	47.165	ug/l	99
67) Ethyl Benzene	9.25	91	314234	48.895	ug/l	99
68) m/p-Xylenes	9.38	106	232735	89.578	ug/l	98
69) o-Xylene	9.78	106	114796	50.414	ug/l	100
70) Styrene	9.79	104	189435	44.752	ug/l	100
71) Bromoform	9.96	173	50011	48.042	ug/l #	100
73) Isopropylbenzene	10.17	105	300421	50.296	ug/l	100
74) N-amyl acetate	10.02	43	167493	48.444	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	124719	45.415	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	148967	62.448	ug/l	84
77) Bromobenzene	10.45	156	69461	47.589	ug/l	95
78) n-propylbenzene	10.59	91	359069	50.806	ug/l	100
79) 2-Chlorotoluene	10.66	91	219363	49.414	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	252274	51.165	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	148967	199.845	ug/l #	100
82) 4-Chlorotoluene	10.77	91	249216	50.067	ug/l	98
83) tert-Butylbenzene	11.10	119	237345	48.690	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	256990	51.216	ug/l	99
85) sec-Butylbenzene	11.32	105	293895	49.390	ug/l	99
86) p-Isopropyltoluene	11.48	119	250619	44.980	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	125402	46.169	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	127978	43.231	ug/l	98
89) n-Butylbenzene	11.89	91	225796	42.113	ug/l	99
90) Hexachloroethane	12.15	117	48033	44.390	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	128351	44.485	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	27786	49.596	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092218\
Quantitation Report (Not Reviewed)

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BPSI-TT-MW308D-20180914MSD

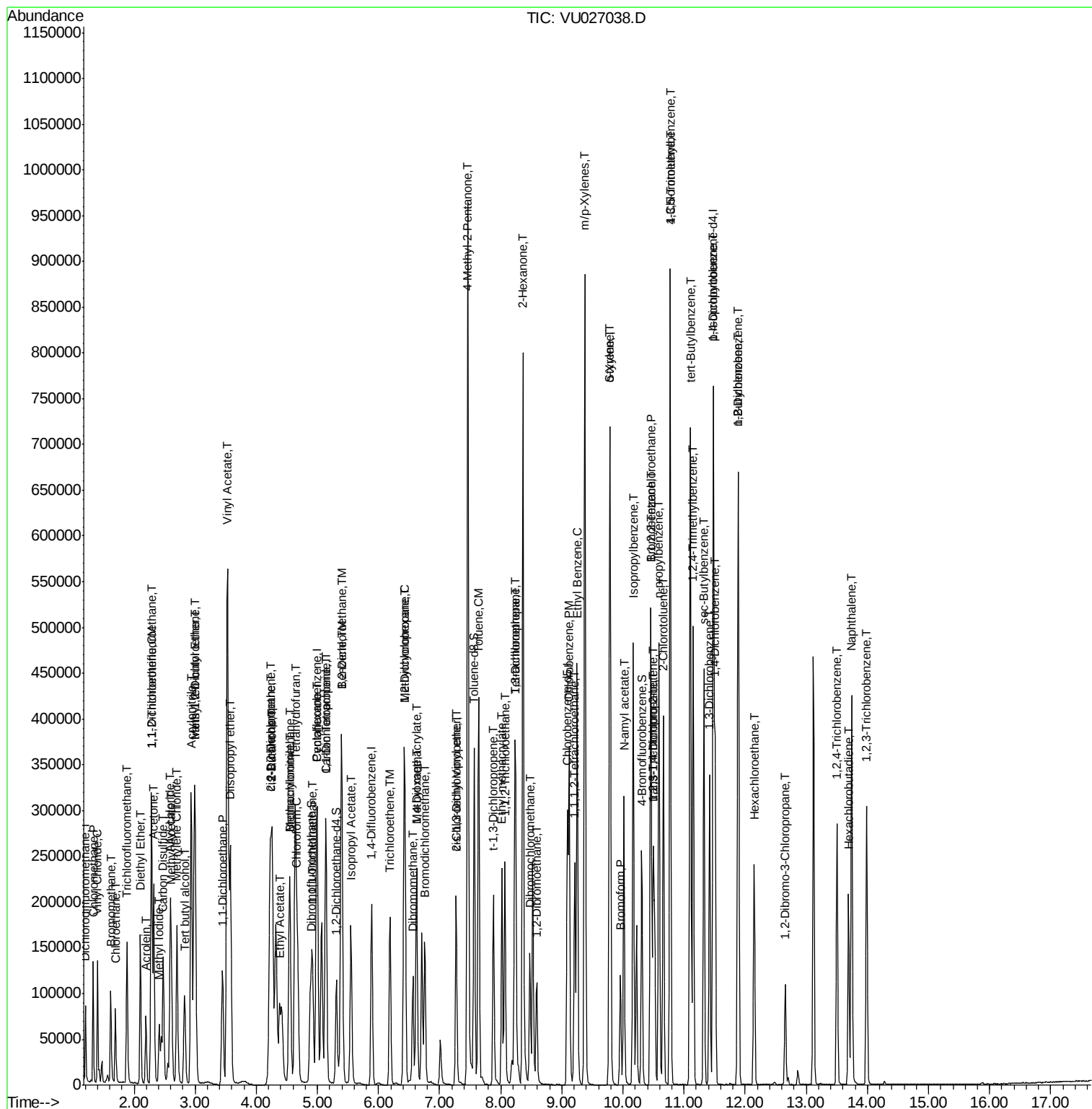
Quant Time: Sep 24 02:55:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
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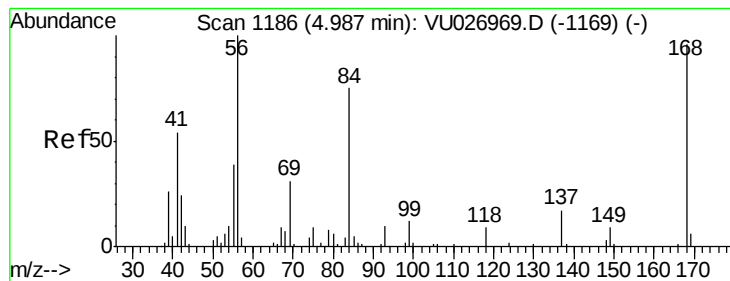
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	80607	48.481	ug/l	100
94) Hexachlorobutadiene	13.69	225	35679	40.556	ug/l	100
95) Naphthalene	13.74	128	308667	47.567	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	86464	48.493	ug/l	98

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

Instrument :
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ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027038.D

Acq: 22 Sep 2018 23:56

Instrument :

MSVOA_U

ClientSampleId :

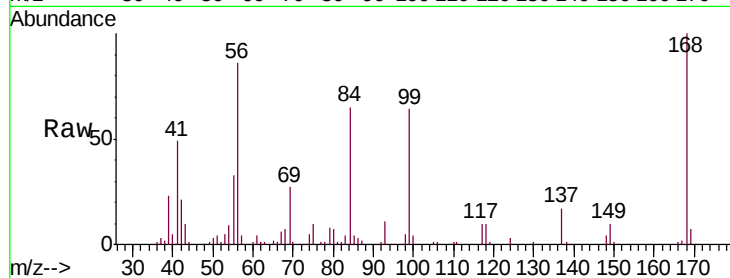
BPSI-TT-MW308D-20180914MSD

Tgt Ion:168 Resp: 86525

Ion Ratio Lower Upper

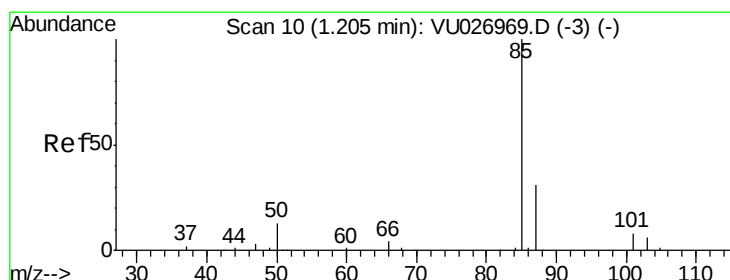
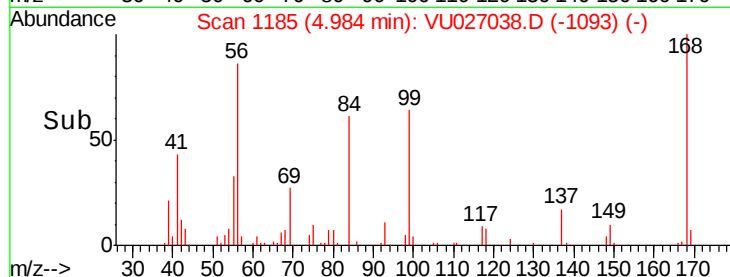
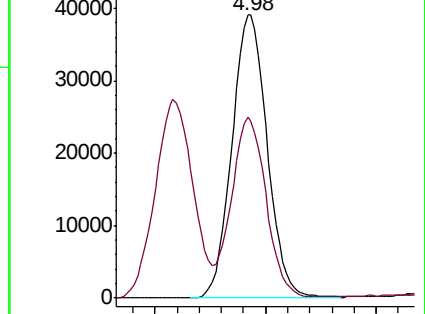
168 100

99 63.1 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) (-)



#2

Dichlorodifluoromethane

Concen: 43.335 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027038.D

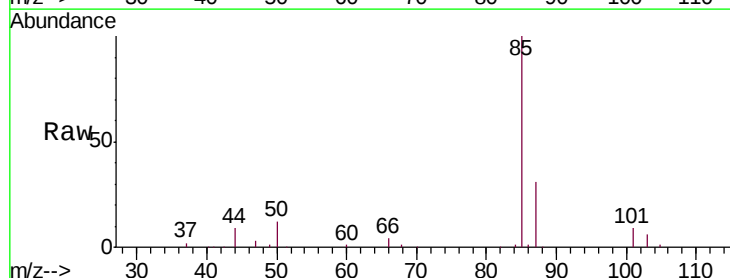
Acq: 22 Sep 2018 23:56

Tgt Ion: 85 Resp: 48955

Ion Ratio Lower Upper

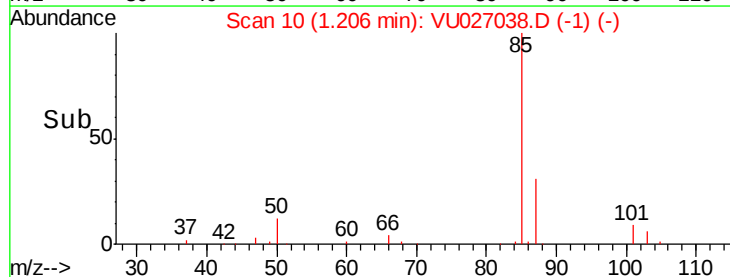
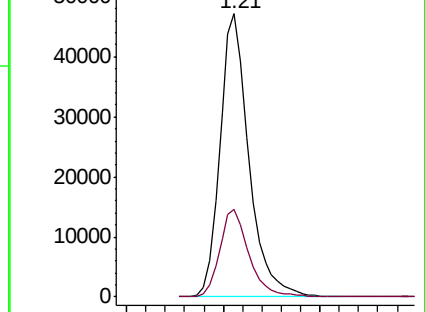
85 100

87 30.9 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) (-)





#3

Chloromethane

Concen: 44.291 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027038.D

Acq: 22 Sep 2018 23:56

Instrument :

MSVOA_U

ClientSampleId :

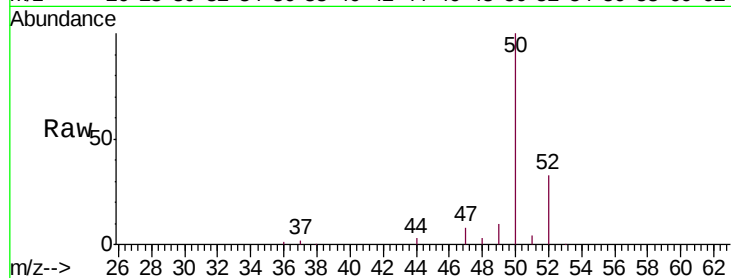
BPSI-TT-MW308D-20180914MSD

Tgt Ion: 50 Resp: 86266

Ion Ratio Lower Upper

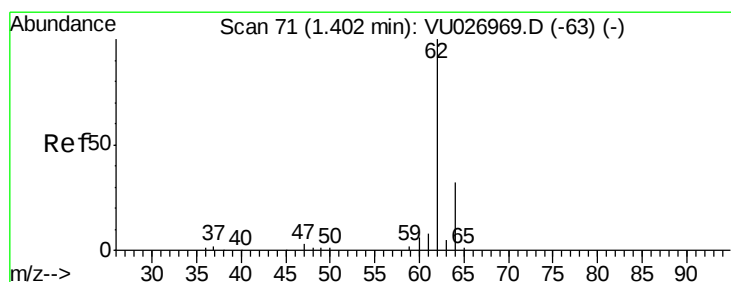
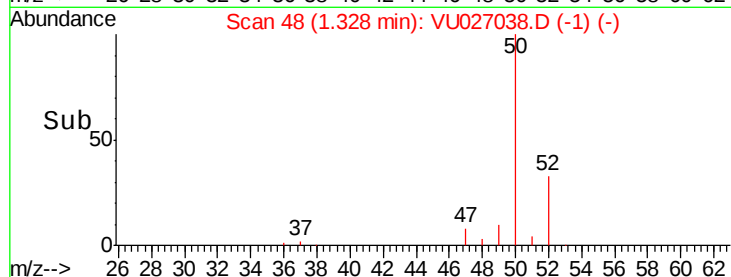
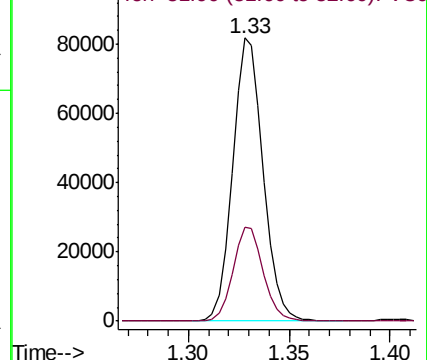
50 100

52 33.3 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: 45.723 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027038.D

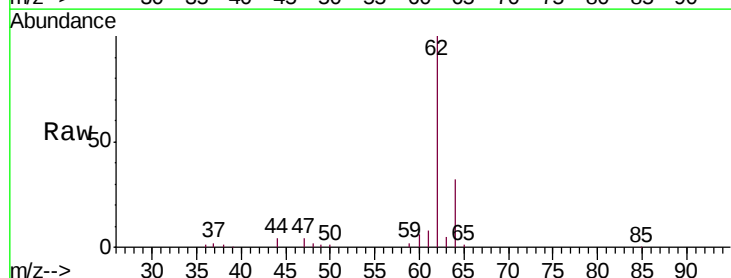
Acq: 22 Sep 2018 23:56

Tgt Ion: 62 Resp: 83130

Ion Ratio Lower Upper

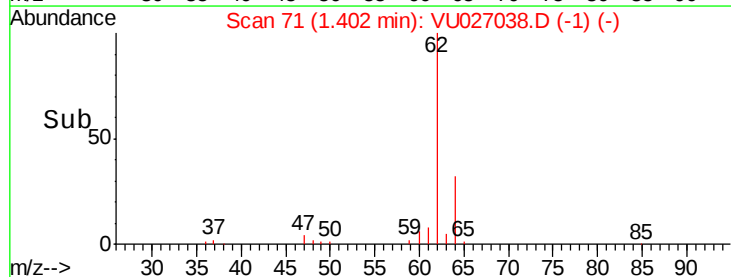
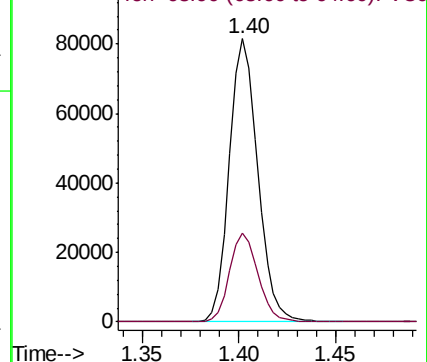
62 100

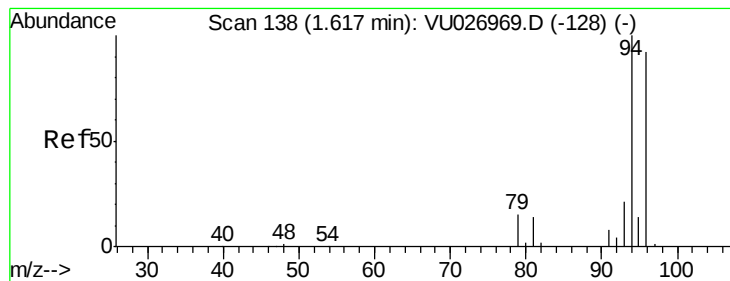
64 31.5 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 43.945 ug/l

RT: 1.62 min Scan# 138

Delta R.T. 0.00 min

Lab File: VU027038.D

Acq: 22 Sep 2018 23:56

Instrument :

MSVOA_U

ClientSampleId :

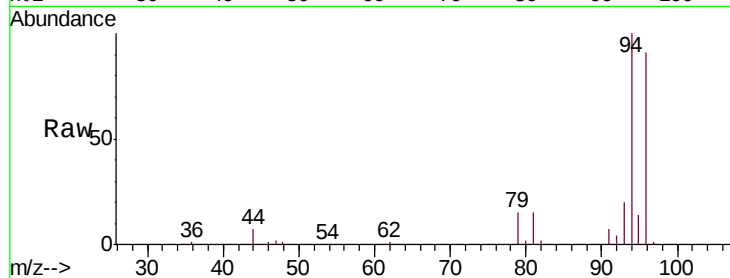
BPSI-TT-MW308D-20180914MSD

Tgt Ion: 94 Resp: 45498

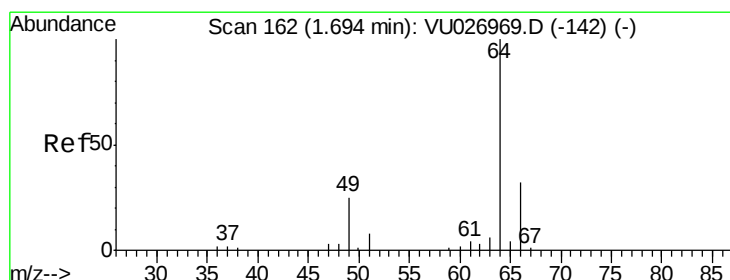
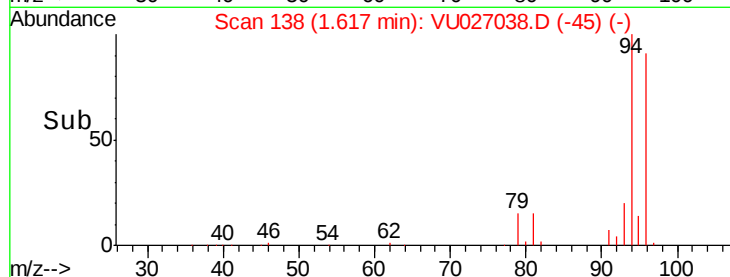
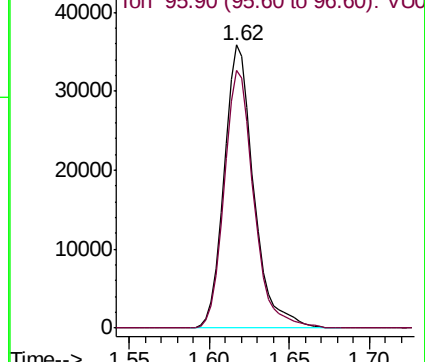
Ion Ratio Lower Upper

94 100

96 91.0 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VU026969.D (-128) (-)



#6

Chloroethane

Concen: 46.911 ug/l

RT: 1.69 min Scan# 162

Delta R.T. 0.00 min

Lab File: VU027038.D

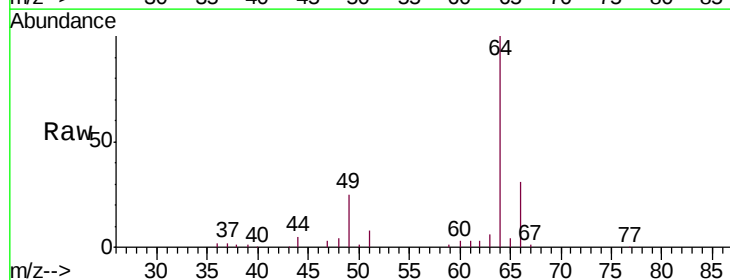
Acq: 22 Sep 2018 23:56

Tgt Ion: 64 Resp: 54495

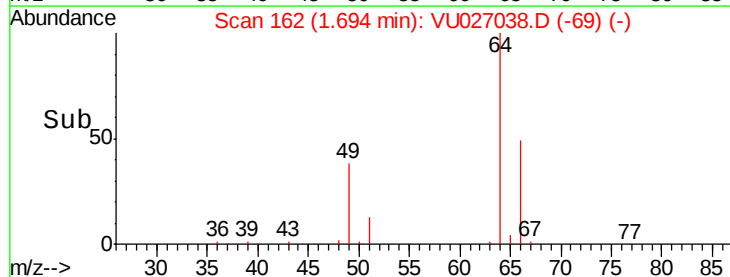
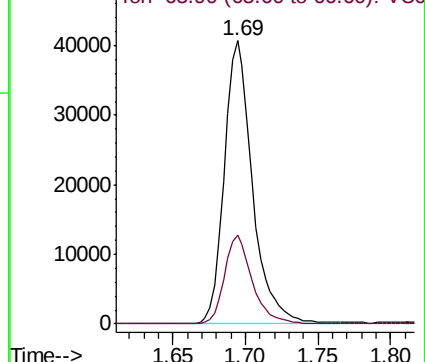
Ion Ratio Lower Upper

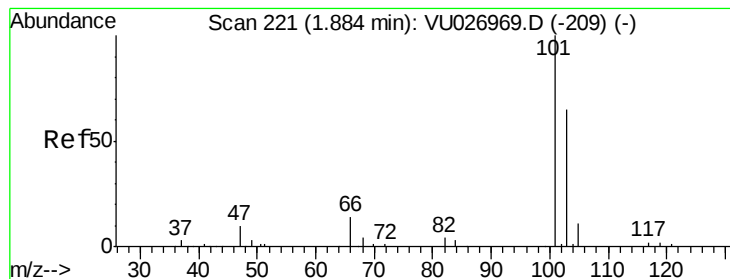
64 100

66 31.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU026969.D (-142) (-)



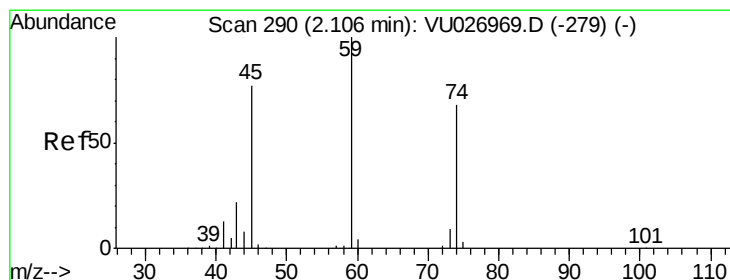
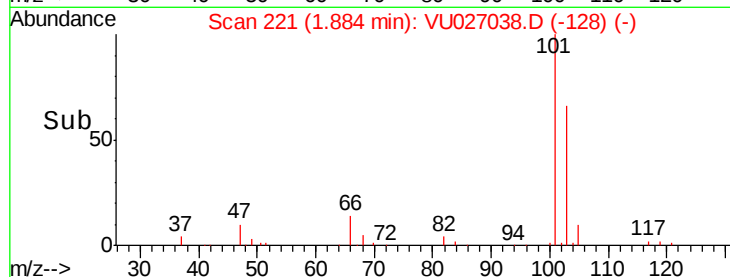
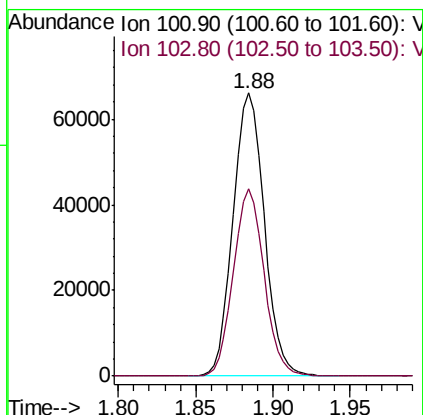
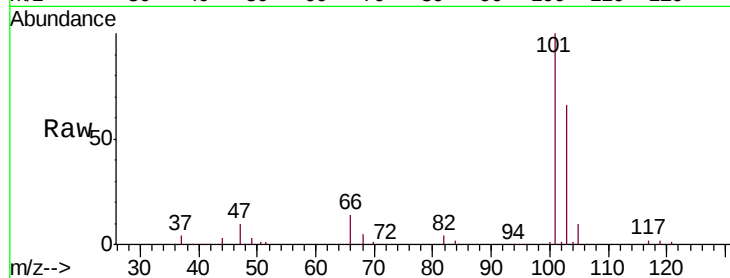


#7

Trichlorofluoromethane
 Concen: 44.923 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VU027038.D
 Acq: 22 Sep 2018 23:56

Instrument :
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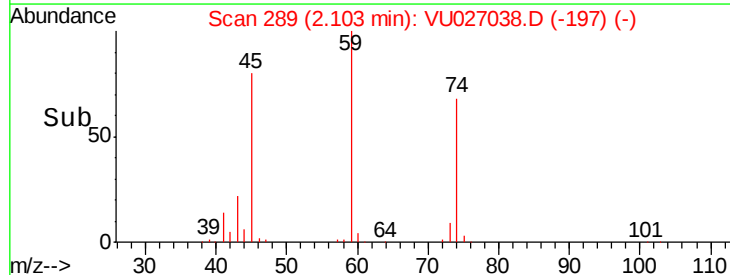
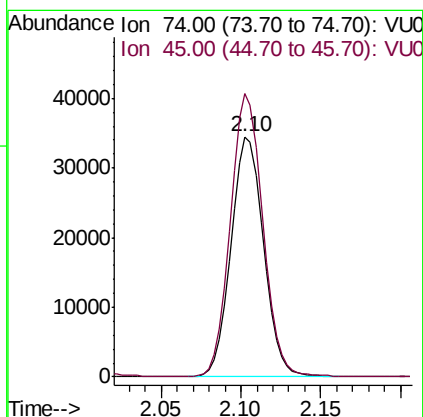
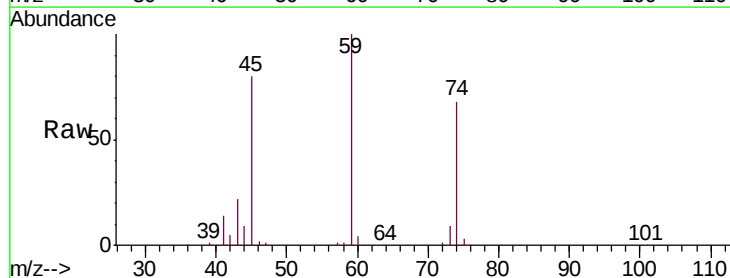
Tgt Ion: 101 Resp: 92764
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.2 78.2



#8

Diethyl Ether
 Concen: 47.988 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027038.D
 Acq: 22 Sep 2018 23:56

Tgt Ion: 74 Resp: 47696
 Ion Ratio Lower Upper
 74 100
 45 117.9 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.306 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027038.D

Acq: 22 Sep 2018 23:56

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MSD

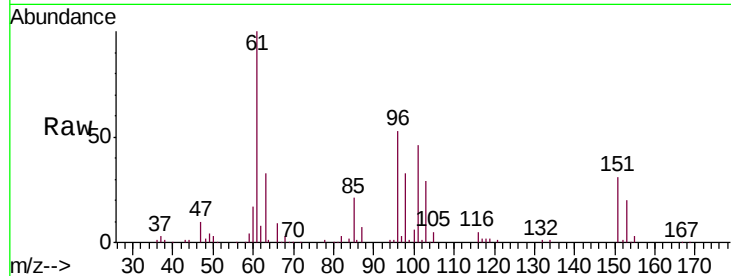
Tgt Ion:101 Resp: 53714

Ion Ratio Lower Upper

101 100

85 46.6 36.2 54.2

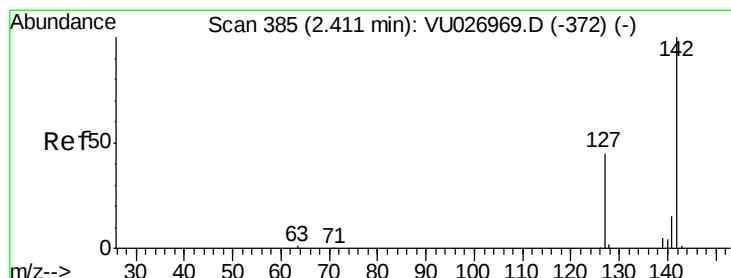
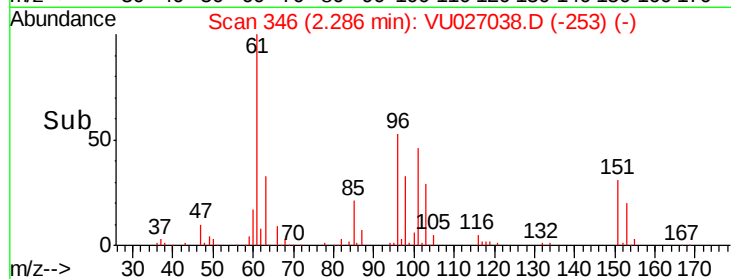
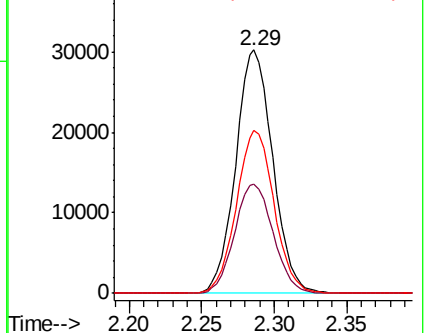
151 67.9 54.5 81.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 39.566 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU027038.D

Acq: 22 Sep 2018 23:56

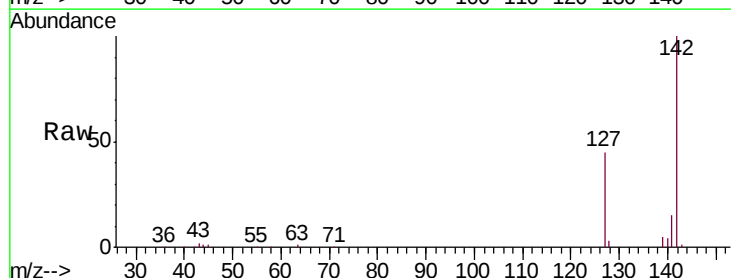
Tgt Ion:142 Resp: 62304

Ion Ratio Lower Upper

142 100

127 46.2 36.7 55.1

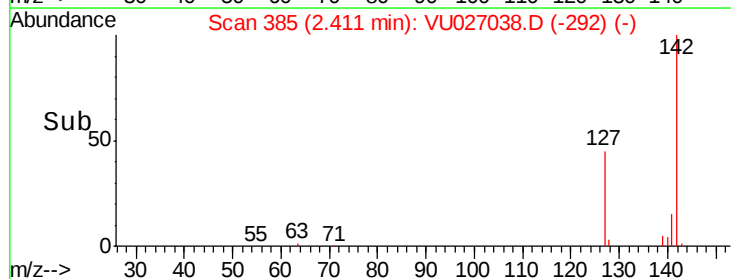
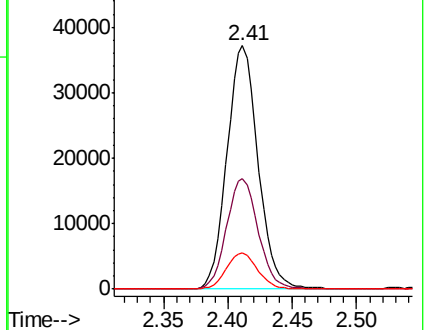
141 14.9 11.8 17.6

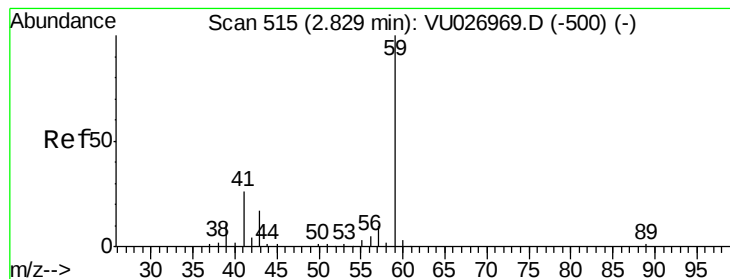


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



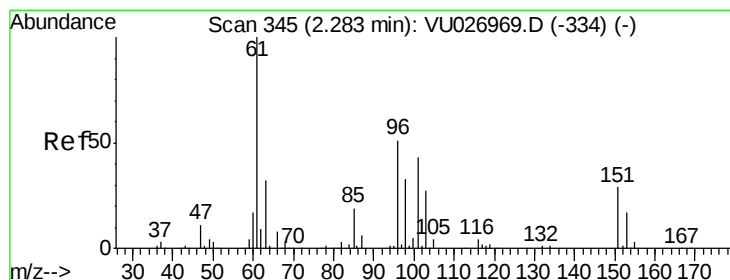
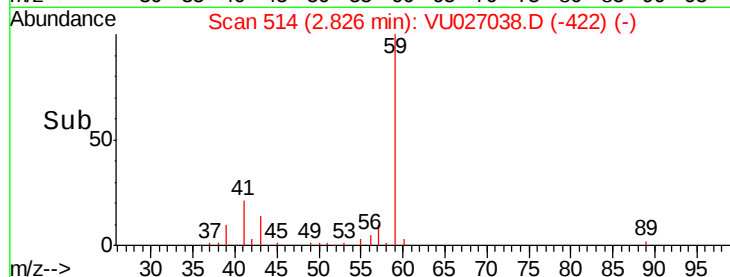
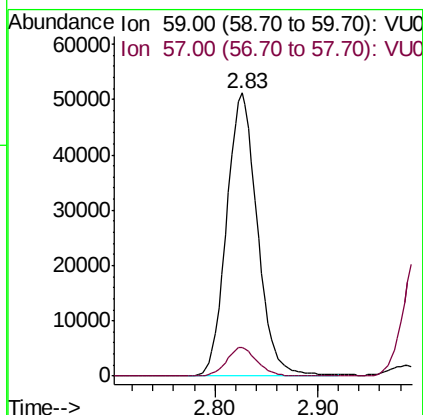
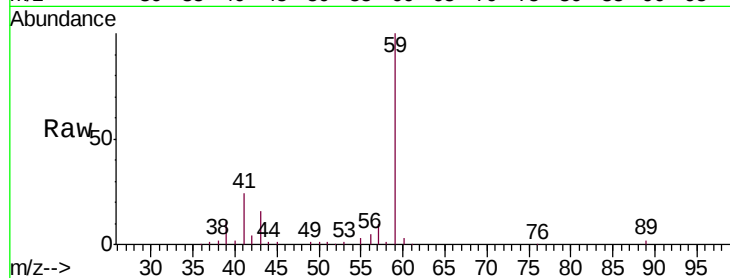


#11

Tert butyl alcohol
 Concen: 266.648 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: VU027038.D
 Acq: 22 Sep 2018 23:56

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MSD

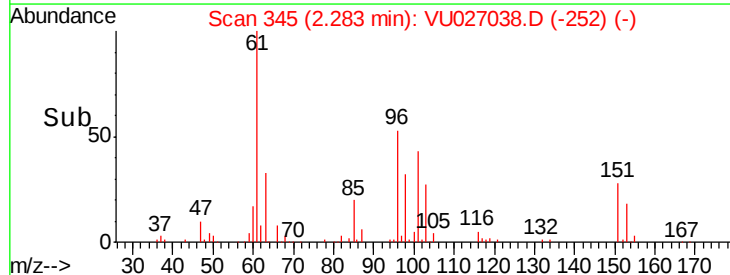
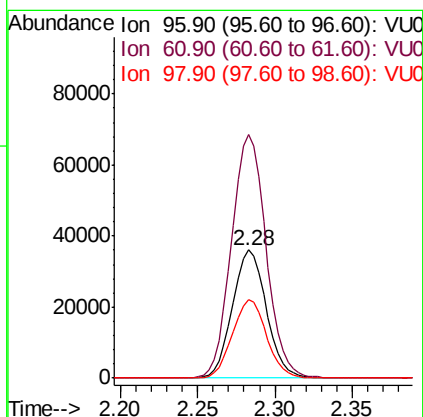
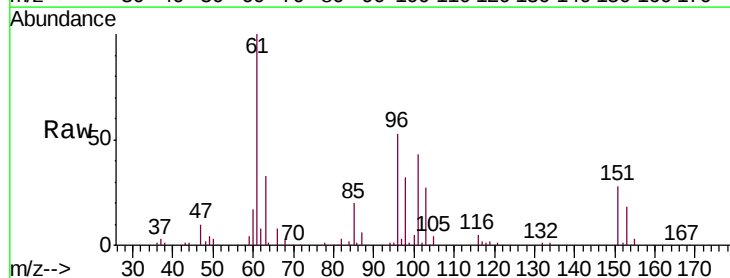
Tgt Ion: 59 Resp: 106434
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.5 12.7

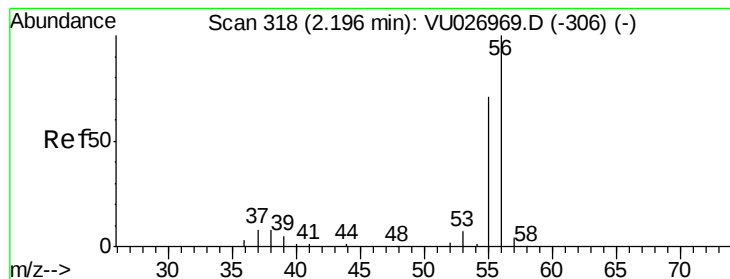


#12

1,1-Dichloroethene
 Concen: 46.013 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU027038.D
 Acq: 22 Sep 2018 23:56

Tgt Ion: 96 Resp: 54987
 Ion Ratio Lower Upper
 96 100
 61 190.3 156.1 234.1
 98 61.1 51.4 77.0





#13

Acrolein

Concen: 243.272 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU027038.D

Acq: 22 Sep 2018 23:56

Instrument :

MSVOA_U

ClientSampleId :

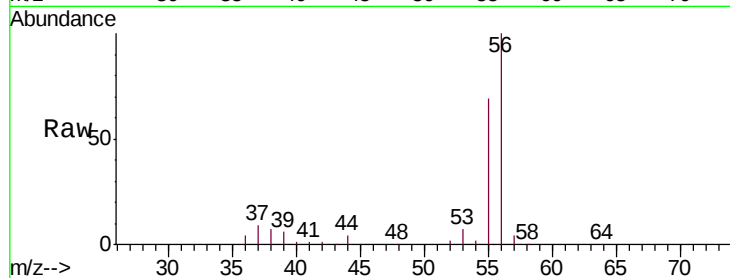
BPSI-TT-MW308D-20180914MSD

Tgt Ion: 56 Resp: 52345

Ion Ratio Lower Upper

56 100

55 69.7 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

2.19

40000

30000

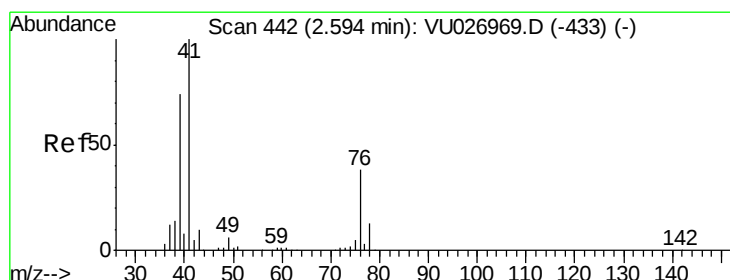
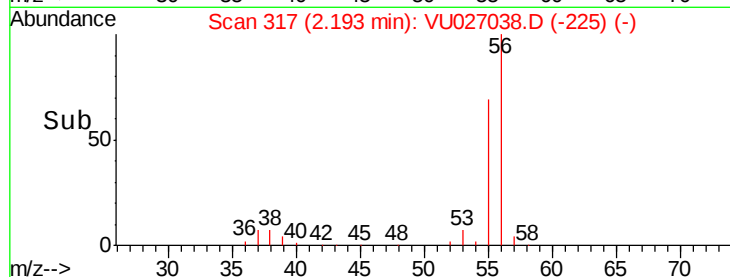
20000

10000

0

Time-->

2.10 2.15 2.20 2.25 2.30



#14

Allyl chloride

Concen: 50.487 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027038.D

Acq: 22 Sep 2018 23:56

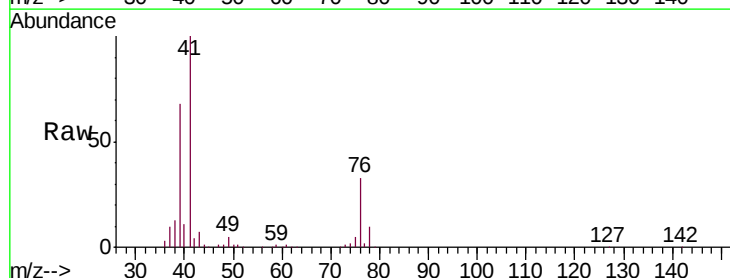
Tgt Ion: 41 Resp: 122371

Ion Ratio Lower Upper

41 100

39 65.6 55.7 83.5

76 31.2 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

2.59

80000

60000

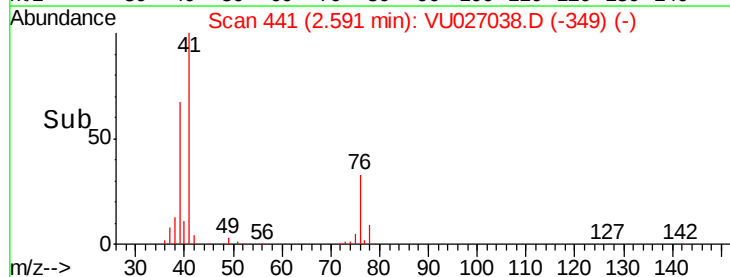
40000

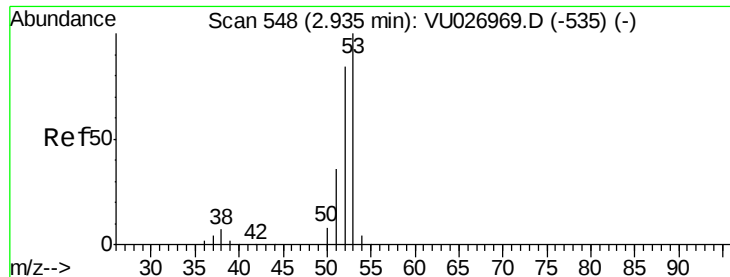
20000

0

Time-->

2.55 2.60 2.65 2.70





#15

Acrylonitrile

Concen: 253.626 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027038.D

Acq: 22 Sep 2018 23:56

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MSD

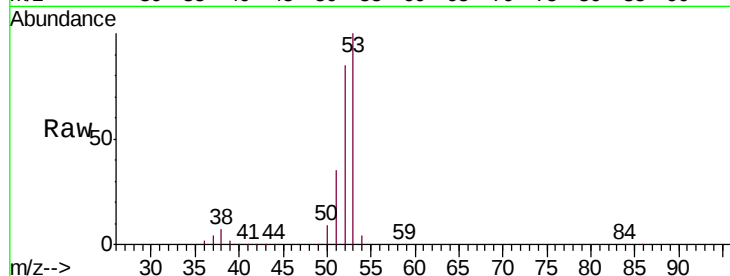
Tgt Ion: 53 Resp: 255154

Ion Ratio Lower Upper

53 100

52 82.8 65.7 98.5

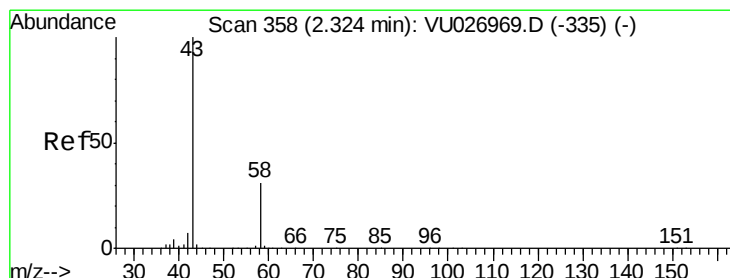
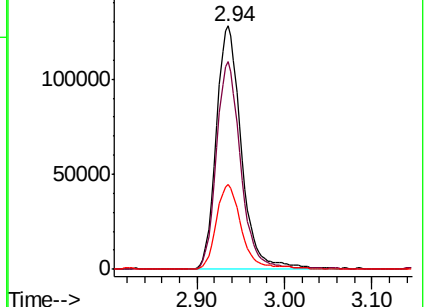
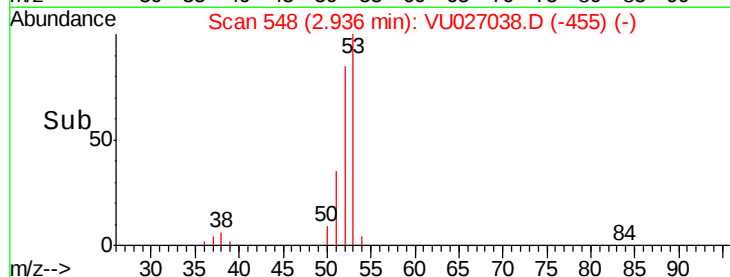
51 35.5 27.4 41.2



Abundance Ion 53.00 (52.70 to 53.70): VU027038.D (-455) (-)

Ion 52.00 (51.70 to 52.70): VU027038.D (-455) (-)

Ion 51.00 (50.70 to 51.70): VU027038.D (-455) (-)



#16

Acetone

Concen: 244.790 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027038.D

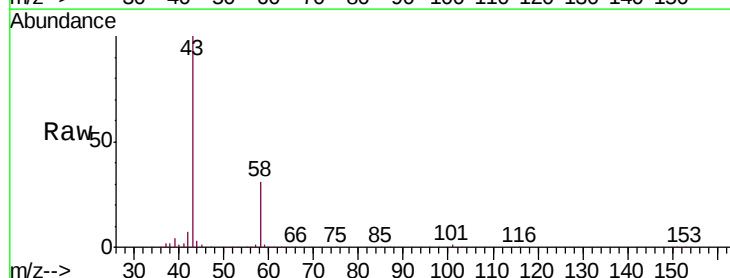
Acq: 22 Sep 2018 23:56

Tgt Ion: 43 Resp: 226762

Ion Ratio Lower Upper

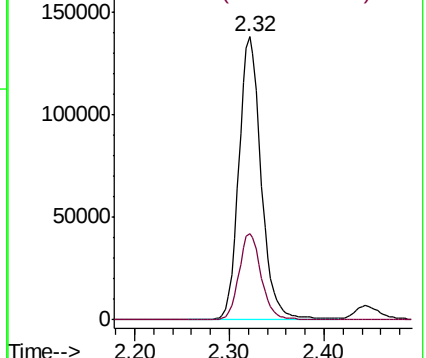
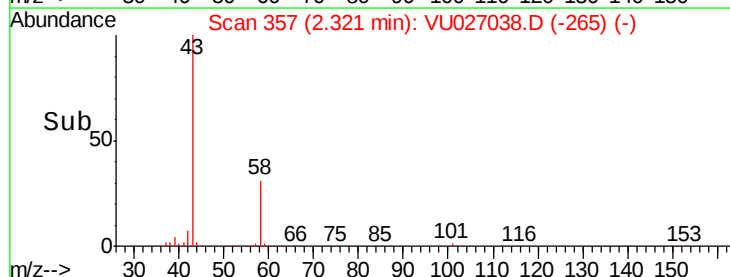
43 100

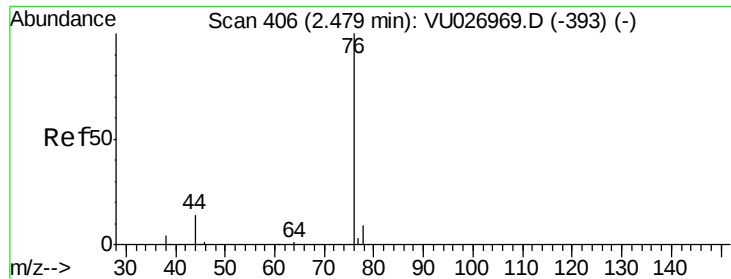
58 30.7 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU027038.D (-265) (-)

Ion 58.00 (57.70 to 58.70): VU027038.D (-265) (-)

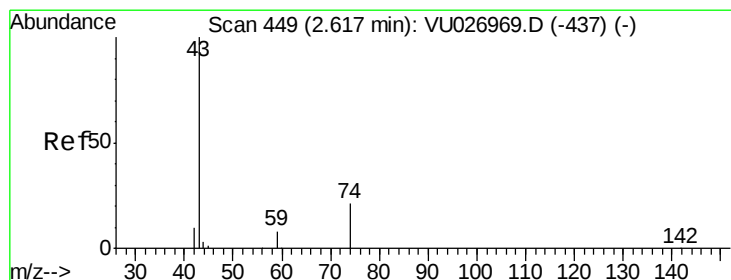
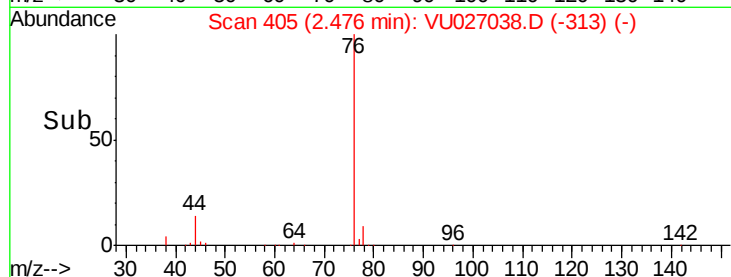
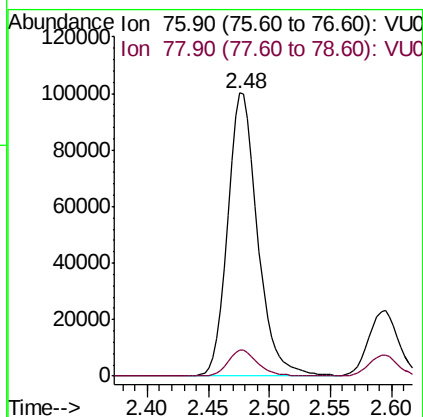
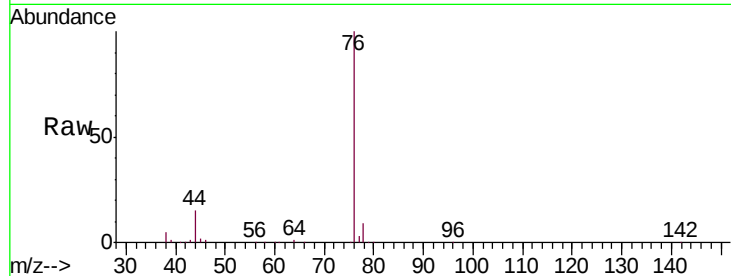




#17
Carbon Disulfide
Concen: 44.261 ug/l
RT: 2.48 min Scan# 405
Delta R.T. -0.00 min
Lab File: VU027038.D
Acq: 22 Sep 2018 23:56

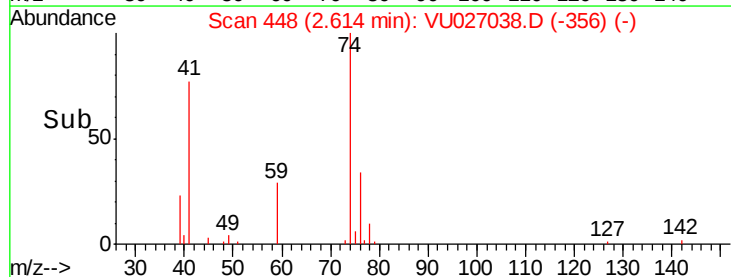
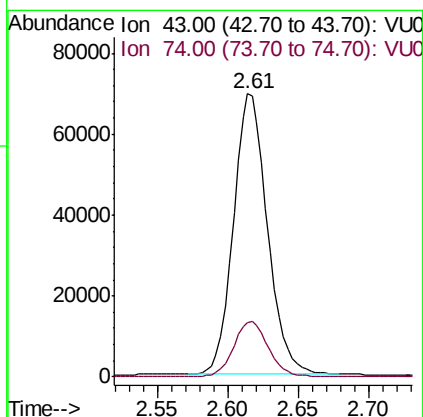
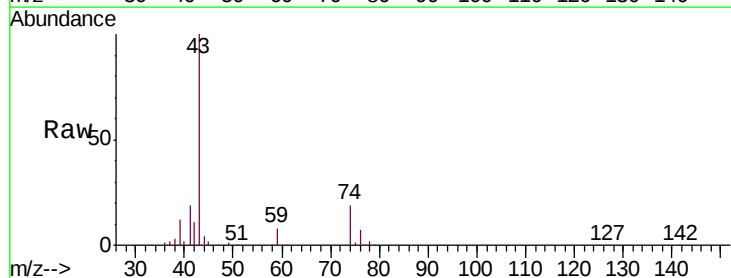
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

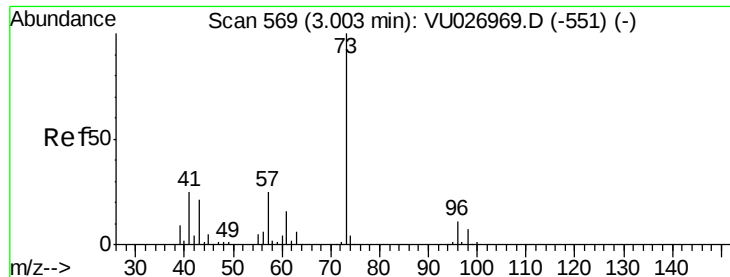
Tgt Ion: 76 Resp: 172310
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 47.036 ug/l
RT: 2.61 min Scan# 448
Delta R.T. -0.00 min
Lab File: VU027038.D
Acq: 22 Sep 2018 23:56

Tgt Ion: 43 Resp: 116587
Ion Ratio Lower Upper
43 100
74 20.4 16.6 25.0

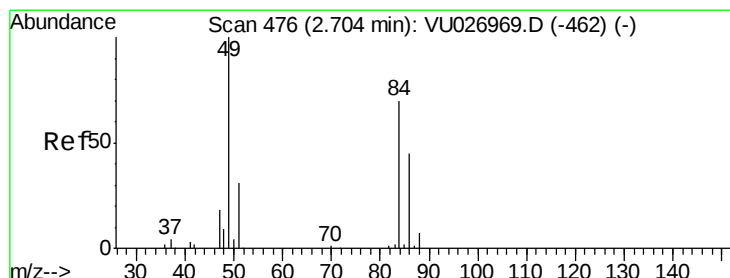
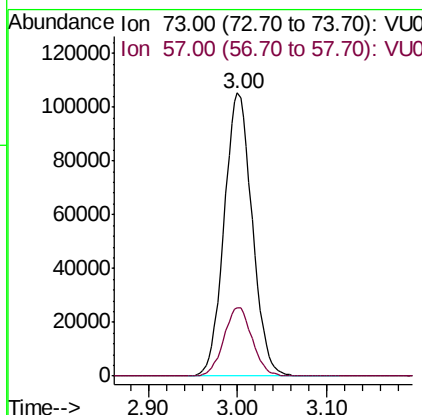
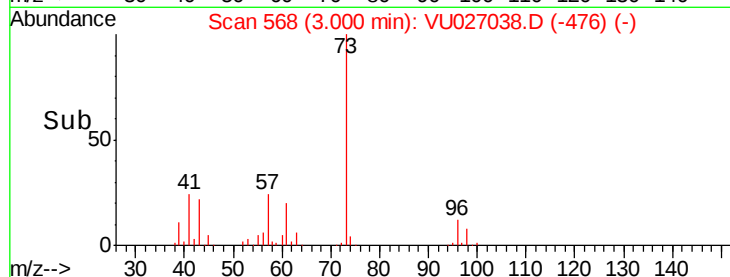
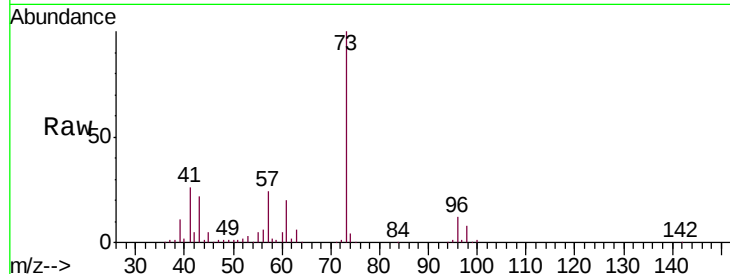




#19
Methyl tert-butyl Ether
Concen: 52.044 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027038.D
Acq: 22 Sep 2018 23:56

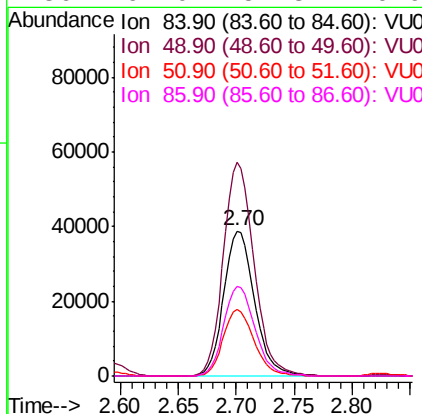
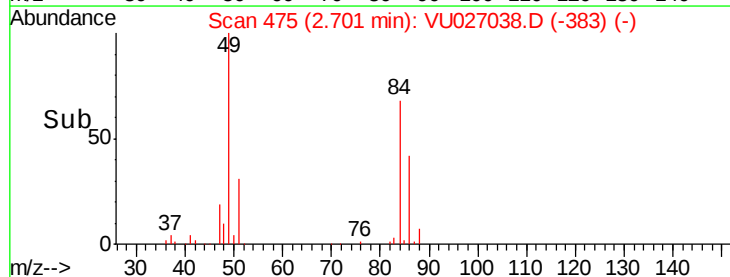
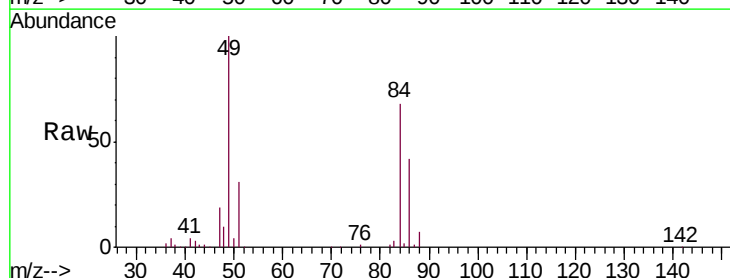
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

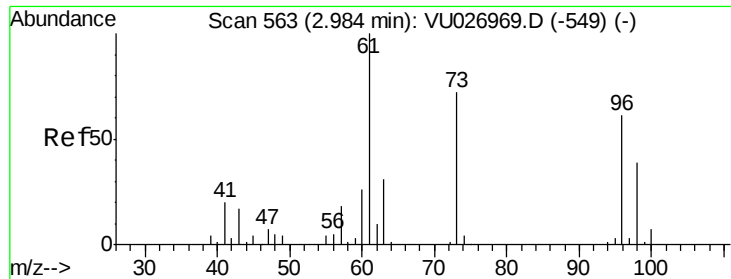
Tgt Ion: 73 Resp: 228549
Ion Ratio Lower Upper
73 100
57 24.3 19.8 29.6



#20
Methylene Chloride
Concen: 45.576 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027038.D
Acq: 22 Sep 2018 23:56

Tgt Ion: 84 Resp: 71081
Ion Ratio Lower Upper
84 100
49 147.6 114.9 172.3
51 46.1 35.8 53.8
86 62.0 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 47.602 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027038.D

Acq: 22 Sep 2018 23:56

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MSD

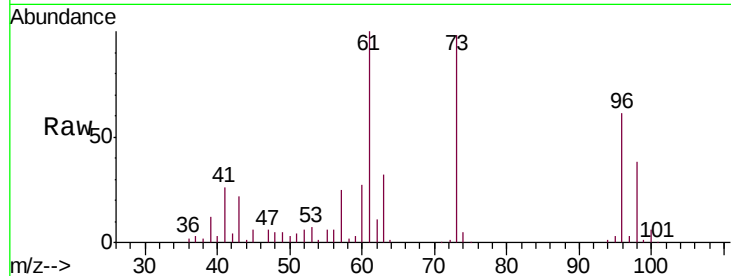
Tgt Ion: 96 Resp: 60736

Ion Ratio Lower Upper

96 100

61 163.5 131.8 197.6

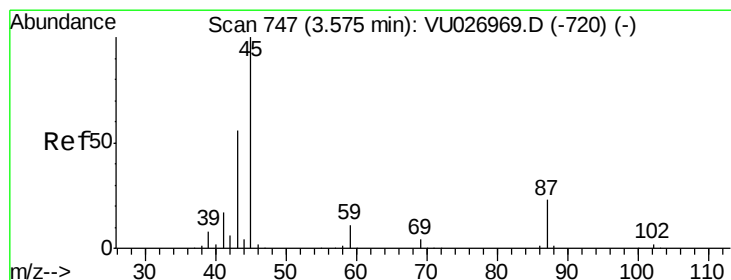
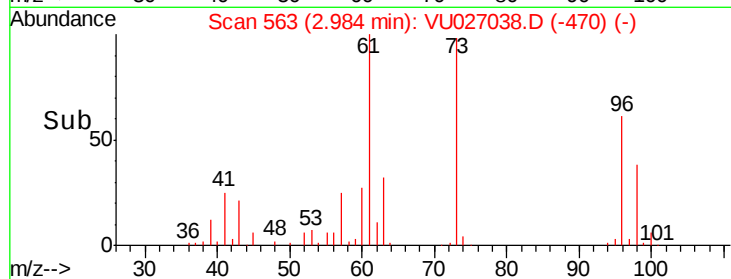
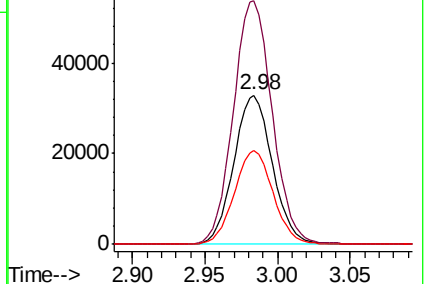
98 62.8 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VU026969.D (-549) (-)

Ion 60.90 (60.60 to 61.60): VU026969.D (-549) (-)

Ion 97.90 (97.60 to 98.60): VU026969.D (-549) (-)



#22

Diisopropyl ether

Concen: 53.471 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027038.D

Acq: 22 Sep 2018 23:56

Tgt Ion: 45 Resp: 277213

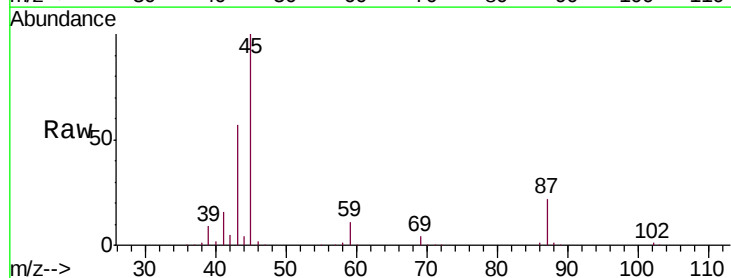
Ion Ratio Lower Upper

45 100

43 56.0 45.8 68.6

87 21.9 18.6 28.0

59 11.4 9.0 13.4

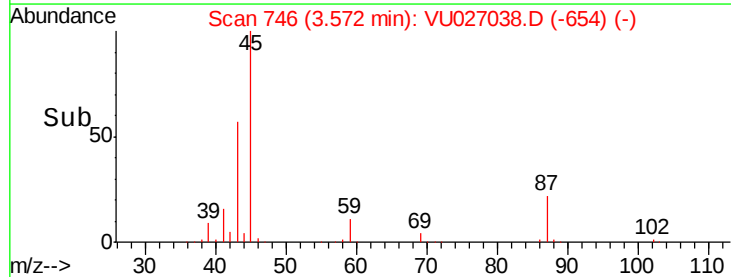
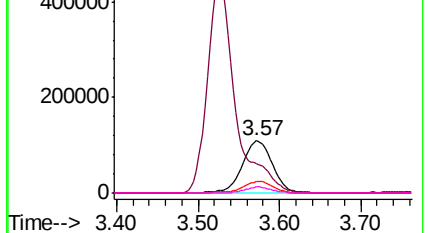


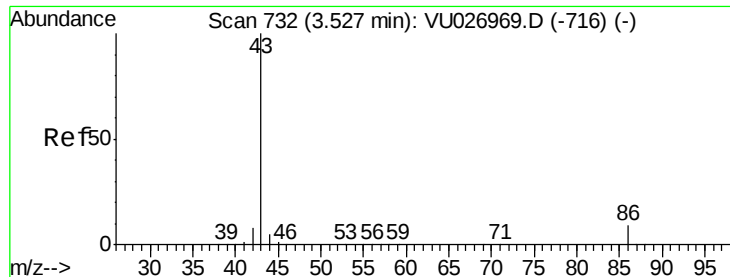
Abundance Ion 45.00 (44.70 to 45.70): VU026969.D (-720) (-)

Ion 43.00 (42.70 to 43.70): VU026969.D (-720) (-)

Ion 87.00 (86.70 to 87.70): VU026969.D (-720) (-)

Ion 59.00 (58.70 to 59.70): VU026969.D (-720) (-)





#23

Vinyl Acetate

Concen: 242.590 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU027038.D

Acq: 22 Sep 2018 23:56

Instrument :

MSVOA_U

ClientSampleId :

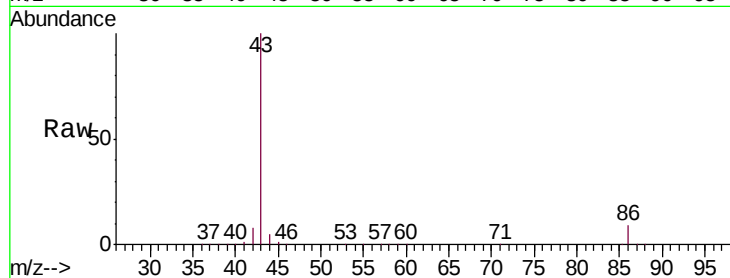
BPSI-TT-MW308D-20180914MSD

Tgt Ion: 43 Resp: 1072067

Ion Ratio Lower Upper

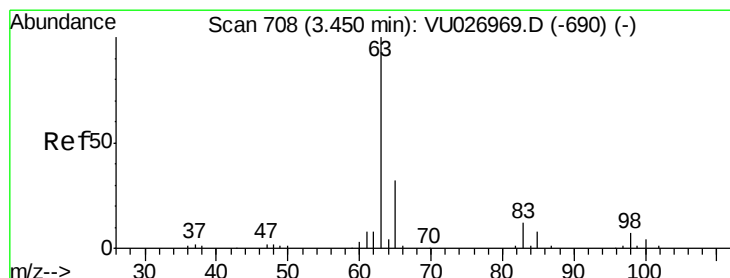
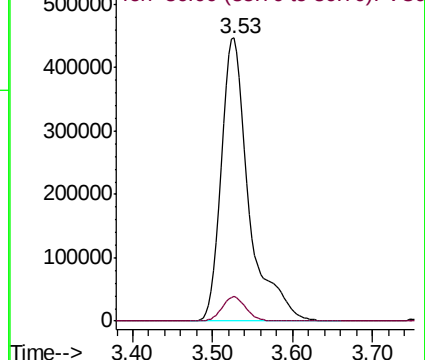
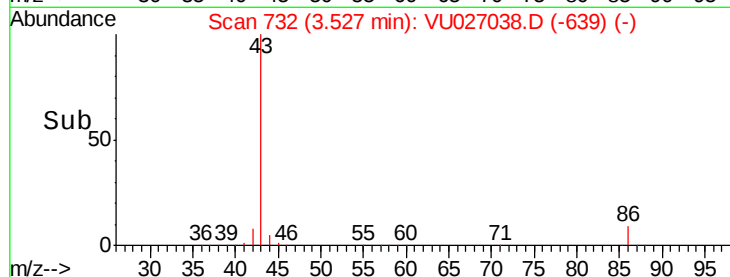
43 100

86 8.7 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VU027038.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU027038.D (-639) (-)



#24

1,1-Dichloroethane

Concen: 49.522 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027038.D

Acq: 22 Sep 2018 23:56

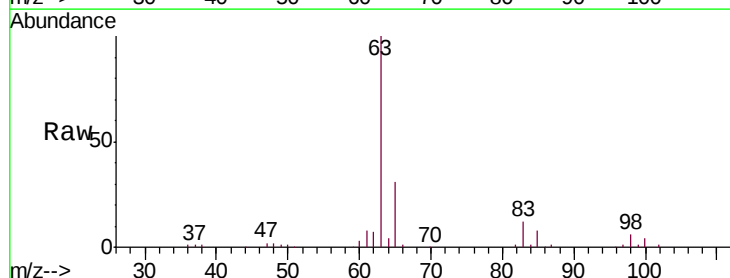
Tgt Ion: 63 Resp: 141401

Ion Ratio Lower Upper

63 100

98 6.1 3.3 9.8

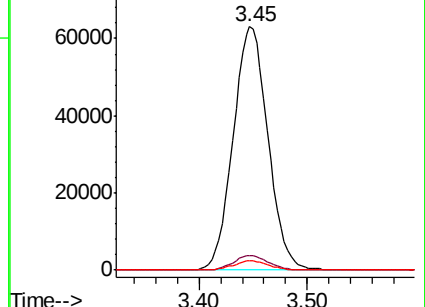
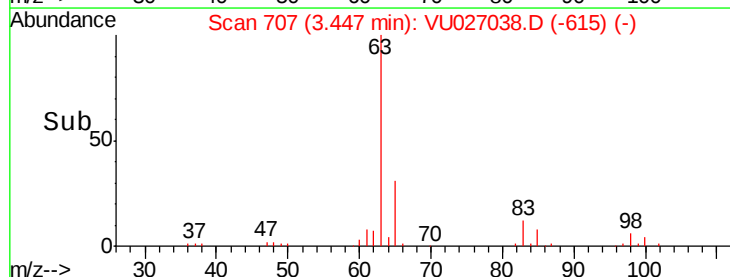
100 3.9 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU027038.D (-615) (-)

Ion 97.90 (97.60 to 98.60): VU027038.D (-615) (-)

Ion 99.90 (99.60 to 100.60): VU027038.D (-615) (-)





#25

2-Butanone

Concen: 248.738 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU027038.D

Acq: 22 Sep 2018 23:56

Instrument :

MSVOA_U

ClientSampleId :

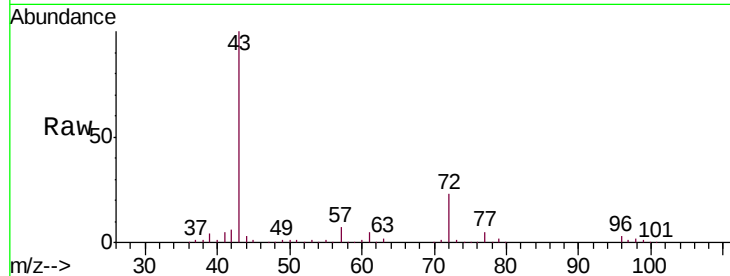
BPSI-TT-MW308D-20180914MSD

Tgt Ion: 43 Resp: 364028

Ion Ratio Lower Upper

43 100

72 22.6 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-936) (-)

Ion 72.00 (71.70 to 72.70): VU026969.D (-936) (-)

4.26

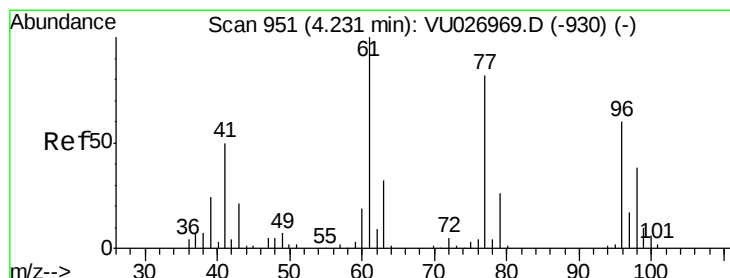
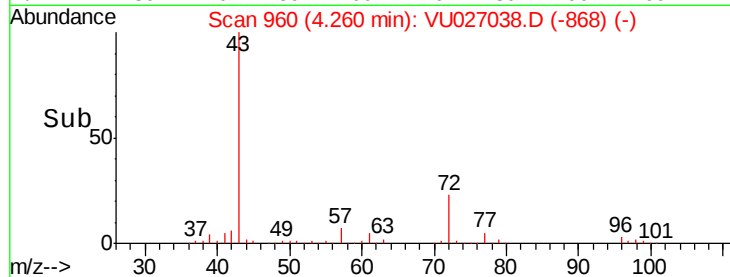
150000

100000

50000

0

Time--> 4.15 4.20 4.25 4.30 4.35



#26

2,2-Dichloropropane

Concen: 40.703 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027038.D

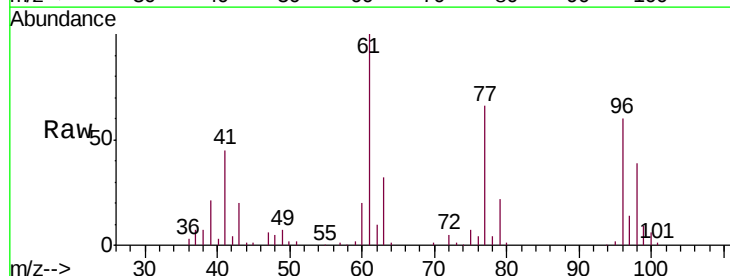
Acq: 22 Sep 2018 23:56

Tgt Ion: 77 Resp: 90638

Ion Ratio Lower Upper

77 100

97 21.2 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU026969.D (-930) (-)

Ion 96.90 (96.60 to 97.60): VU026969.D (-930) (-)

4.23

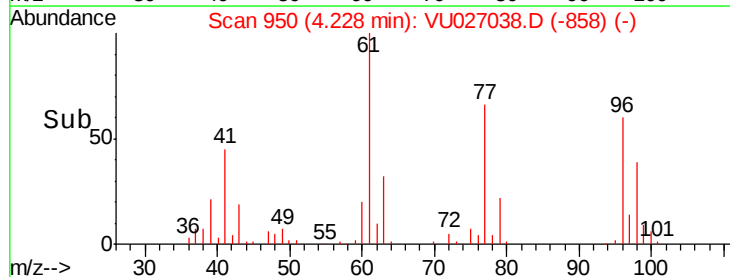
30000

20000

10000

0

Time--> 4.10 4.20 4.30



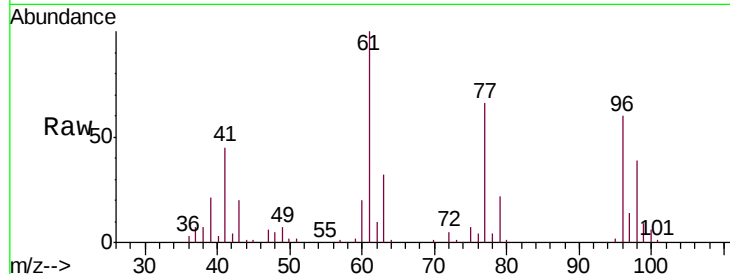


#27

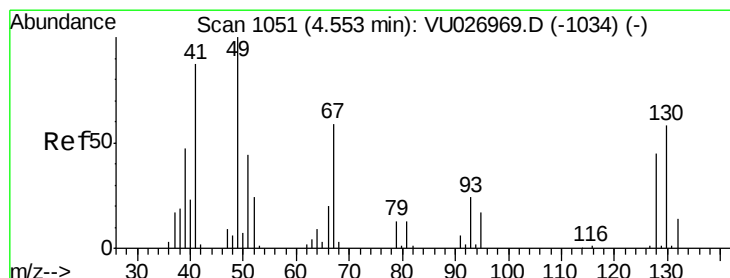
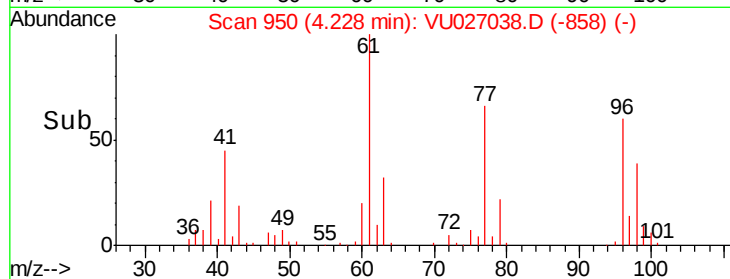
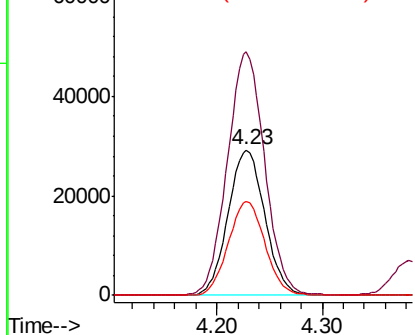
cis-1,2-Dichloroethene
 Concen: 49.079 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU027038.D
 Acq: 22 Sep 2018 23:56

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MSD

Tgt Ion: 96 Resp: 70718
 Ion Ratio Lower Upper
 96 100
 61 169.9 0.0 337.2
 98 64.2 0.0 127.6



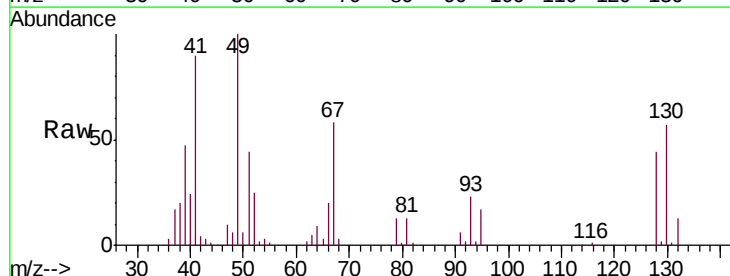
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



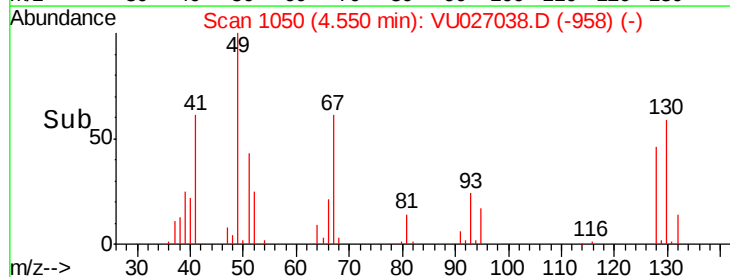
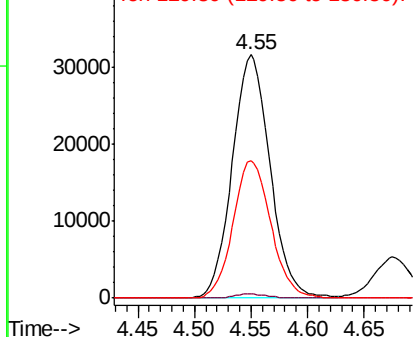
#28

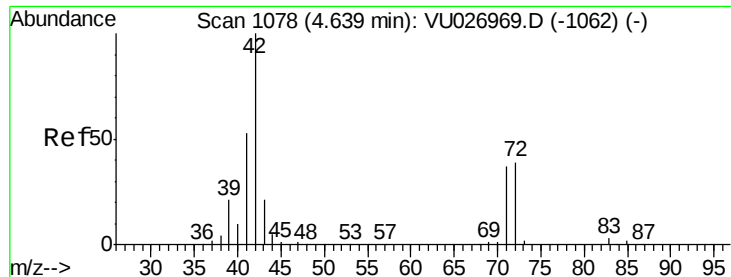
Bromochloromethane
 Concen: 53.613 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU027038.D
 Acq: 22 Sep 2018 23:56

Tgt Ion: 49 Resp: 73793
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.0
 130 56.4 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

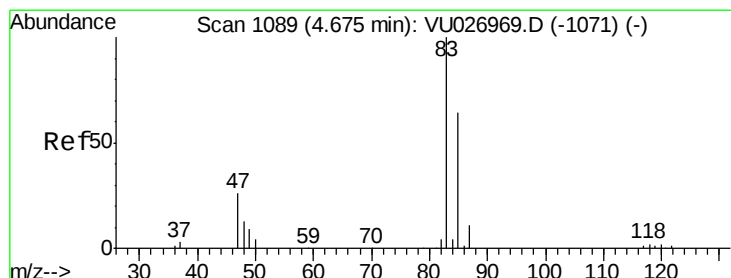
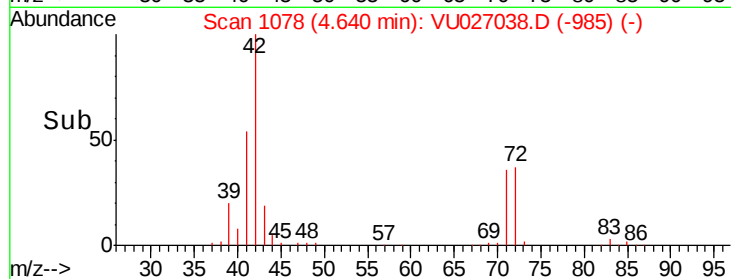
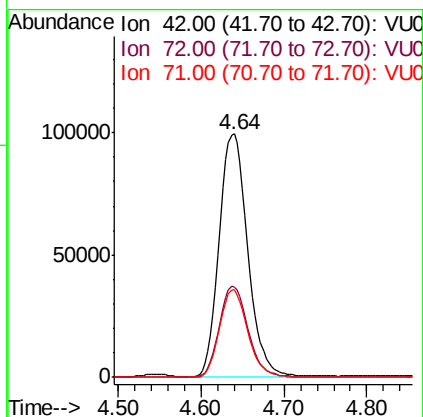
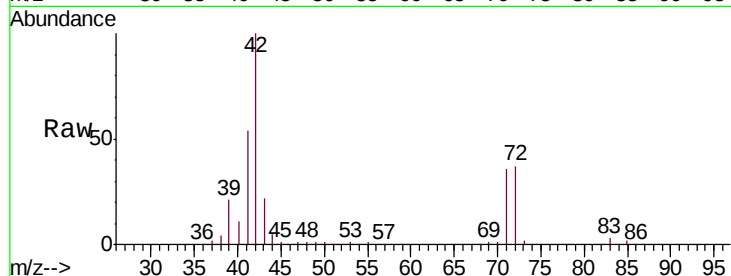




#29
Tetrahydrofuran
Concen: 268.810 ug/l
RT: 4.64 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VU027038.D
Acq: 22 Sep 2018 23:56

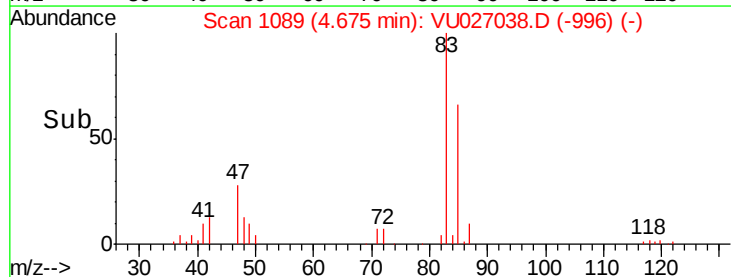
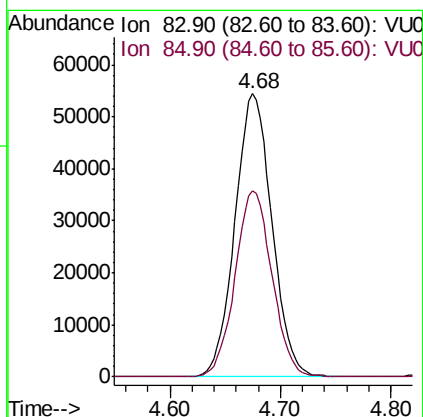
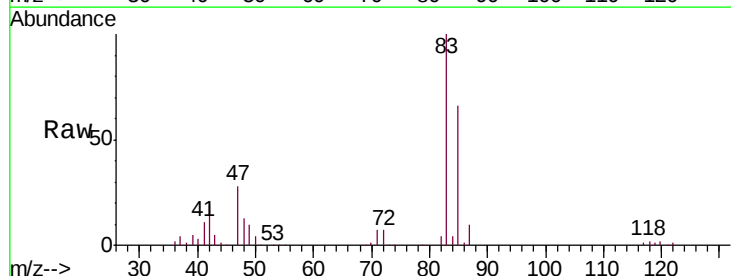
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

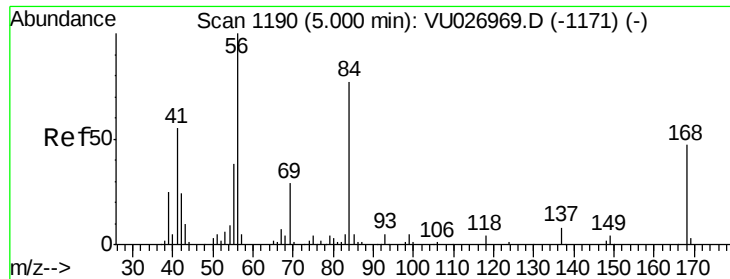
Tgt Ion: 42 Resp: 237983
Ion Ratio Lower Upper
42 100
72 37.9 31.7 47.5
71 35.6 29.6 44.4



#30
Chloroform
Concen: 47.618 ug/l
RT: 4.68 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU027038.D
Acq: 22 Sep 2018 23:56

Tgt Ion: 83 Resp: 126208
Ion Ratio Lower Upper
83 100
85 65.9 51.5 77.3

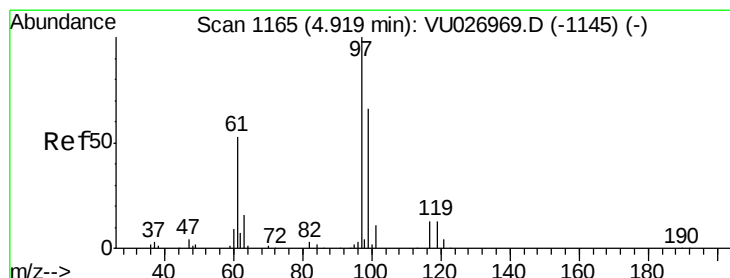
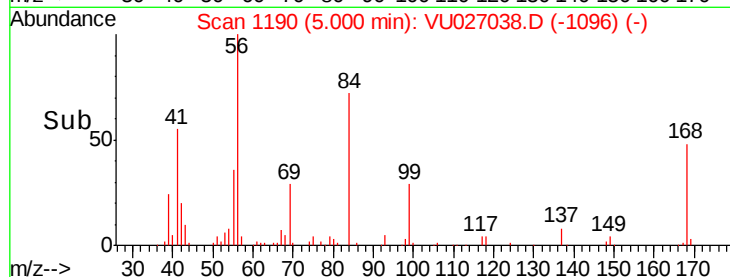
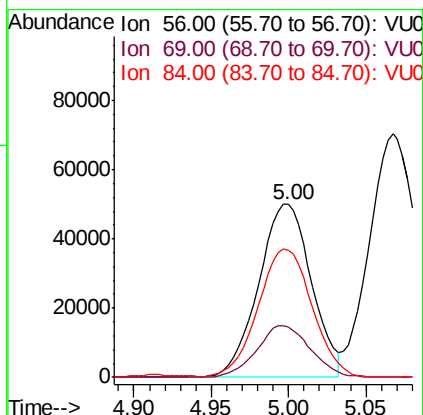
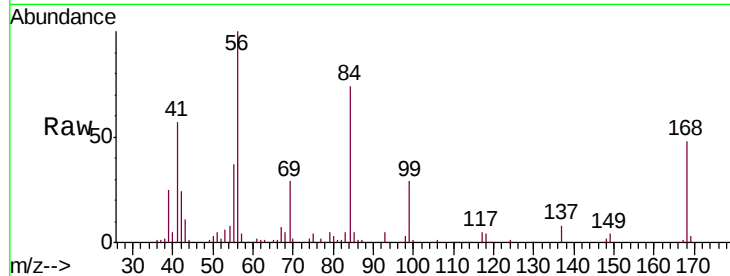




#31
Cyclohexane
Concen: 45.835 ug/l
RT: 5.00 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VU027038.D
Acq: 22 Sep 2018 23:56

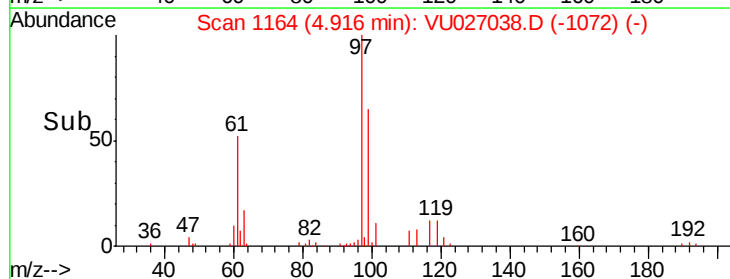
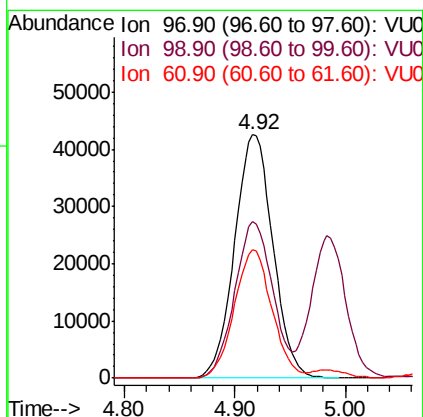
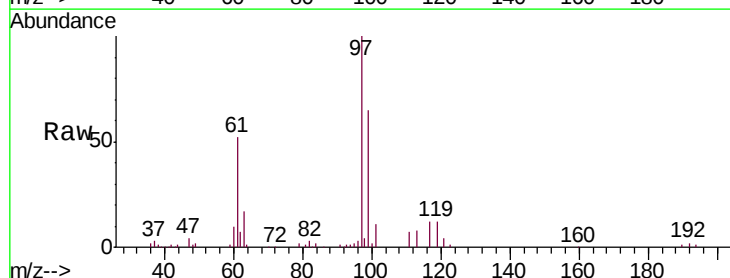
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

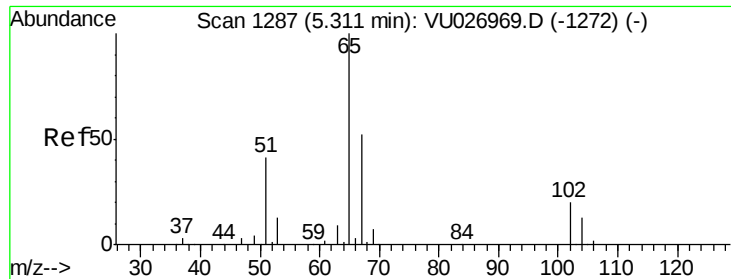
Tgt Ion: 56 Resp: 119091
Ion Ratio Lower Upper
56 100
69 29.0 23.0 34.4
84 72.9 61.4 92.2



#32
1,1,1-Trichloroethane
Concen: 48.380 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027038.D
Acq: 22 Sep 2018 23:56

Tgt Ion: 97 Resp: 102381
Ion Ratio Lower Upper
97 100
99 63.7 51.8 77.6
61 52.0 41.1 61.7

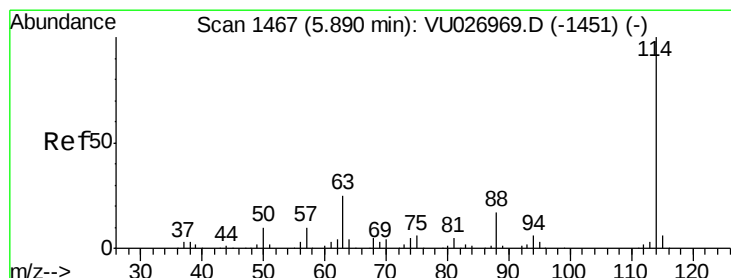
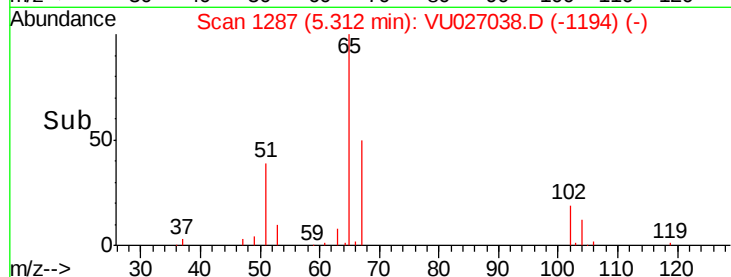
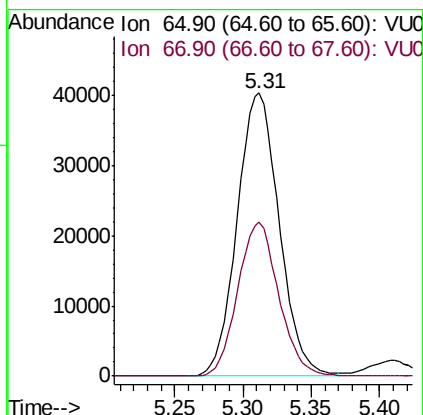
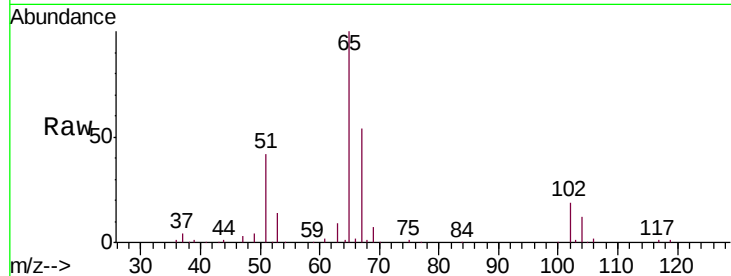




#33
 1,2-Dichloroethane-d4
 Concen: 49.532 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027038.D
 Acq: 22 Sep 2018 23:56

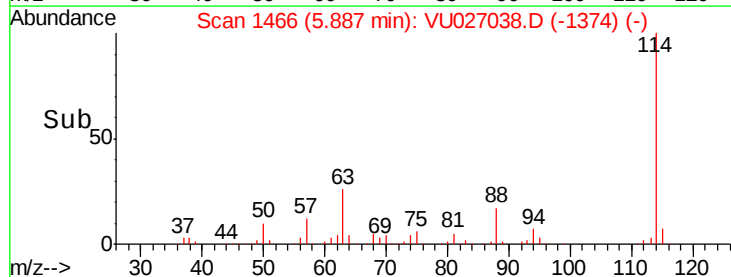
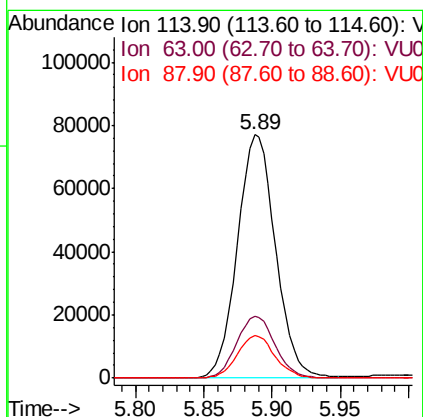
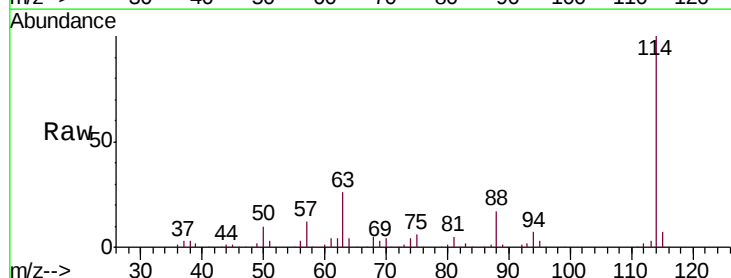
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MSD

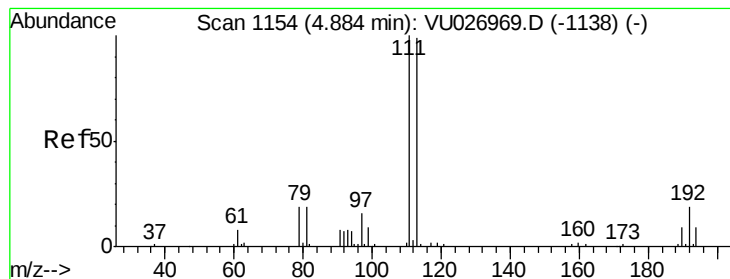
Tgt Ion: 65 Resp: 86258
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027038.D
 Acq: 22 Sep 2018 23:56

Tgt Ion: 114 Resp: 149450
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 49.2
 88 17.3 0.0 33.8





#35

Dibromofluoromethane

Concen: 46.651 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027038.D

Acq: 22 Sep 2018 23:56

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MSD

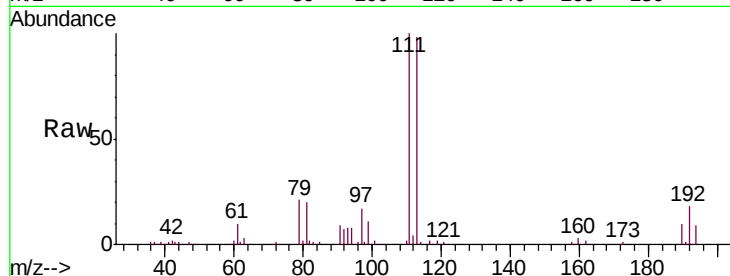
Tgt Ion:113 Resp: 60434

Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

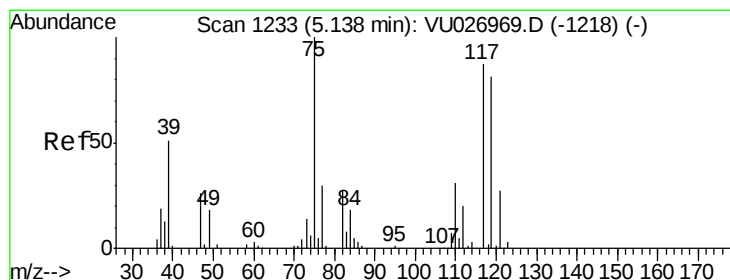
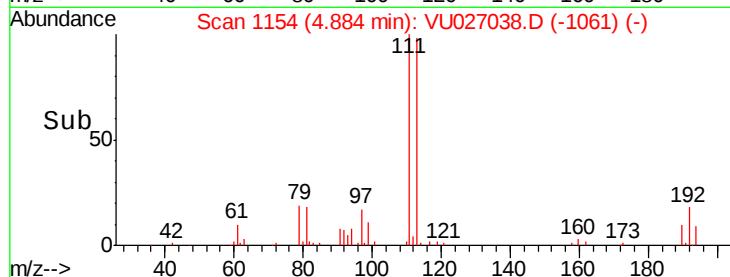
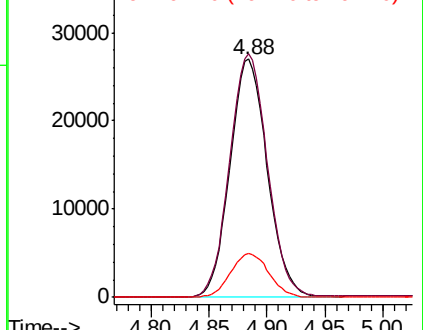
192 18.7 15.2 22.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.709 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU027038.D

Acq: 22 Sep 2018 23:56

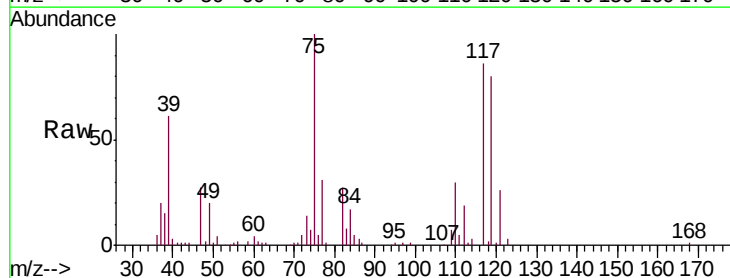
Tgt Ion: 75 Resp: 93166

Ion Ratio Lower Upper

75 100

110 30.5 16.1 48.2

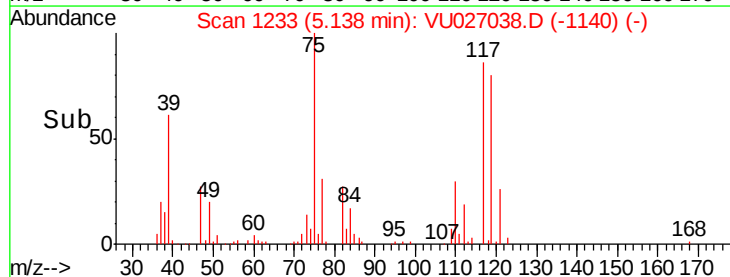
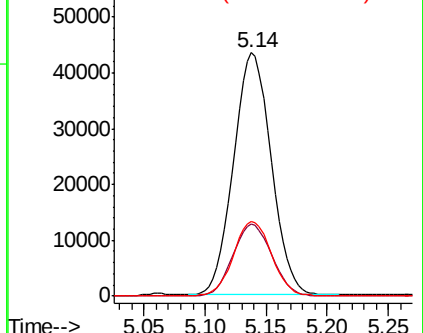
77 31.1 24.6 36.8

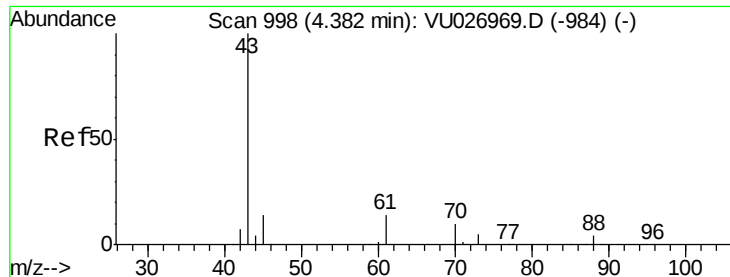


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

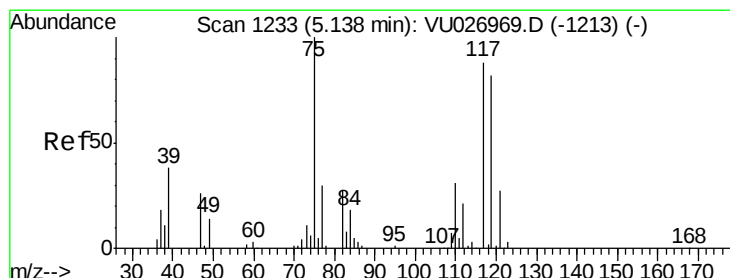
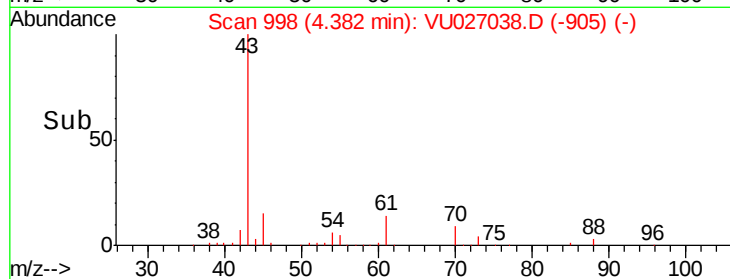
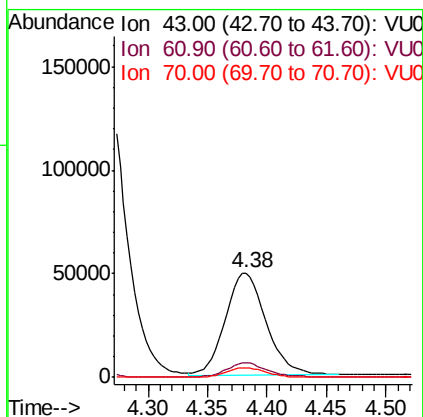
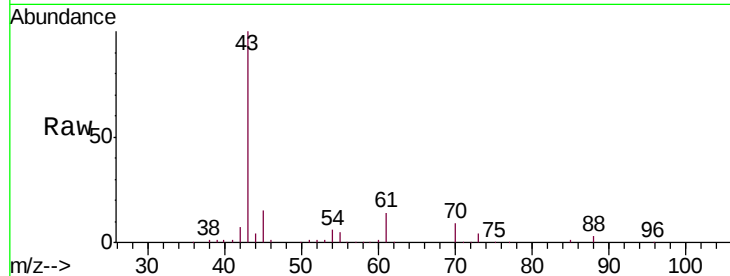




#37
Ethyl Acetate
Concen: 43.414 ug/l
RT: 4.38 min Scan# 998
Delta R.T. 0.00 min
Lab File: VU027038.D
Acq: 22 Sep 2018 23:56

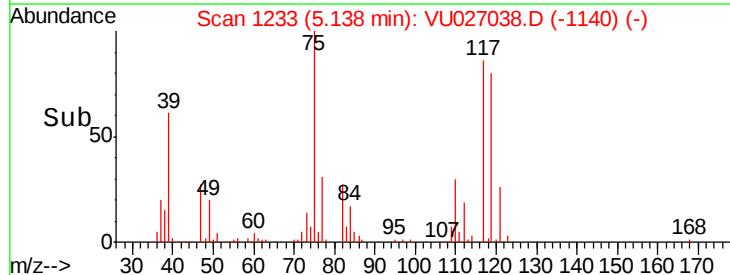
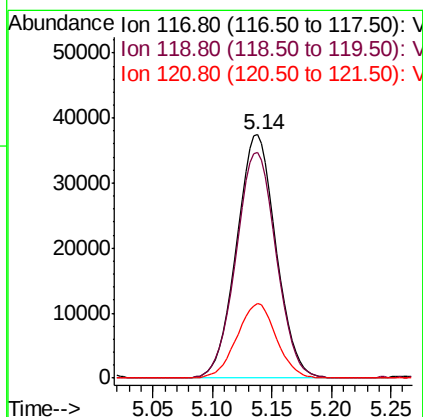
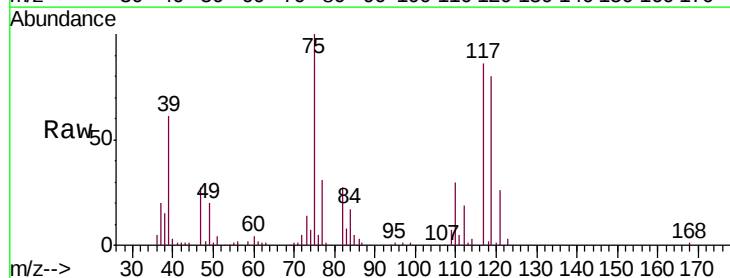
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

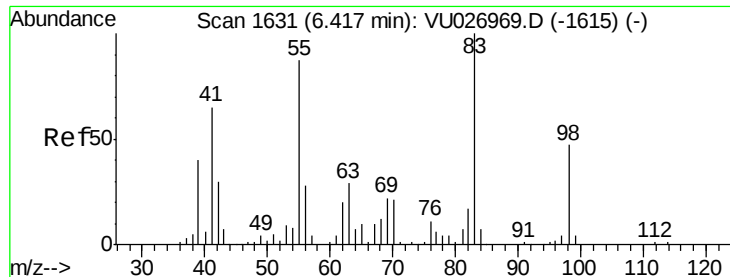
Tgt Ion: 43 Resp: 117224
Ion Ratio Lower Upper
43 100
61 13.6 10.5 15.7
70 9.1 7.4 11.0



#38
Carbon Tetrachloride
Concen: 45.260 ug/l
RT: 5.14 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VU027038.D
Acq: 22 Sep 2018 23:56

Tgt Ion: 117 Resp: 85909
Ion Ratio Lower Upper
117 100
119 92.8 74.4 111.6
121 30.5 24.2 36.4

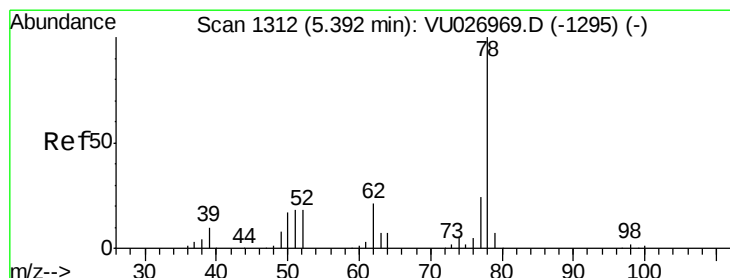
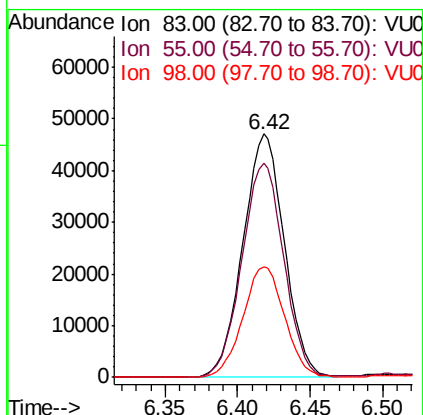
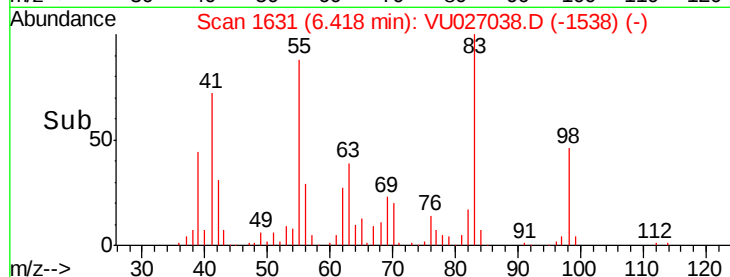
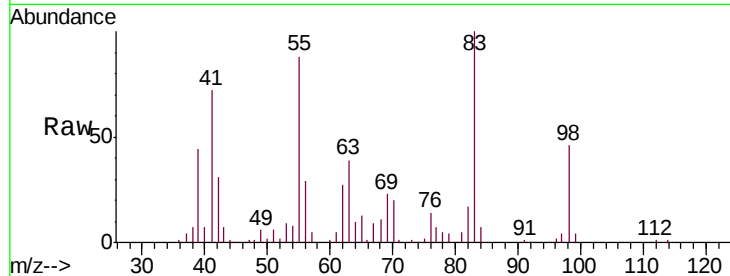




#39
Methylcyclohexane
Concen: 43.125 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027038.D
Acq: 22 Sep 2018 23:56

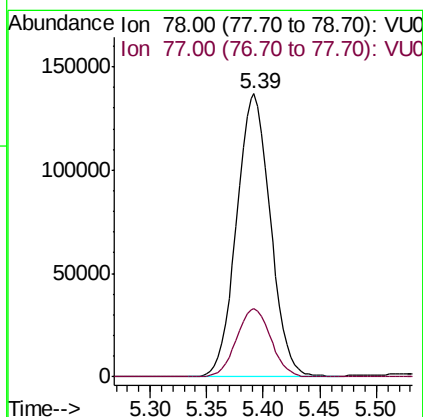
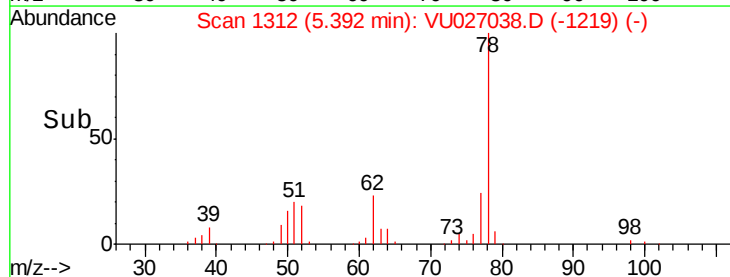
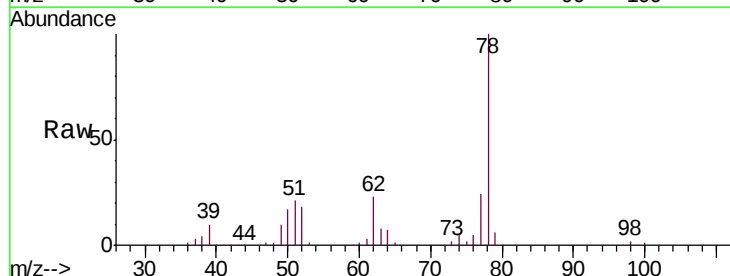
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

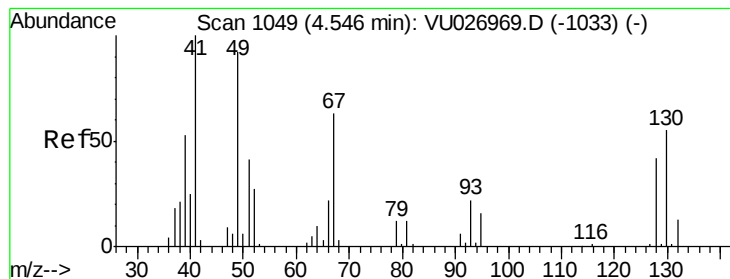
Tgt Ion: 83 Resp: 93475
Ion Ratio Lower Upper
83 100
55 87.8 69.9 104.9
98 45.6 37.5 56.3



#40
Benzene
Concen: 47.096 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027038.D
Acq: 22 Sep 2018 23:56

Tgt Ion: 78 Resp: 285568
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0





#41

Methacrylonitrile

Concen: 52.830 ug/l

RT: 4.54 min Scan# 1048

Delta R.T. -0.00 min

Lab File: VU027038.D

Acq: 22 Sep 2018 23:56

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MSD

Tgt Ion: 41 Resp: 74084

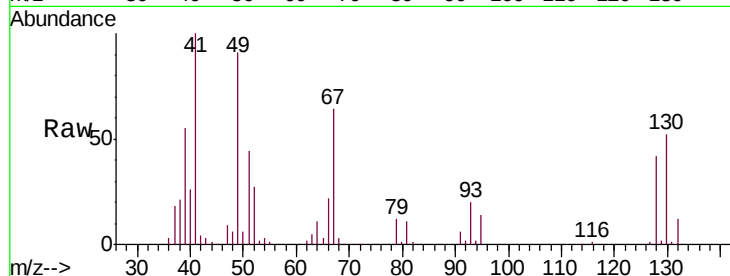
Ion Ratio Lower Upper

41 100

39 52.3 42.9 64.3

67 64.7 52.4 78.6

52 27.1 21.3 31.9



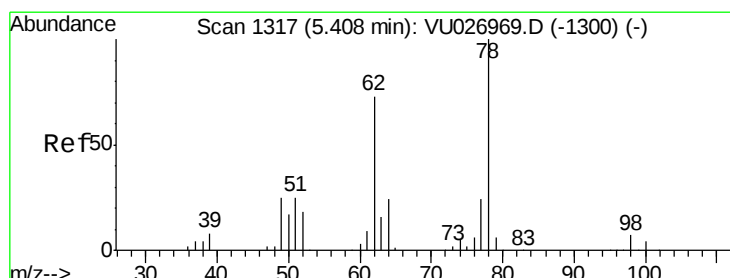
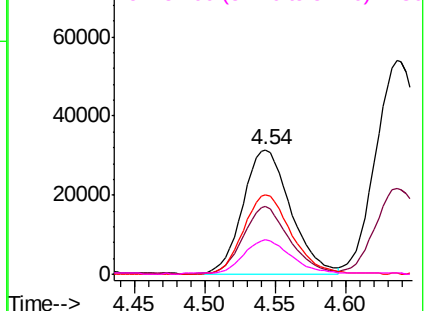
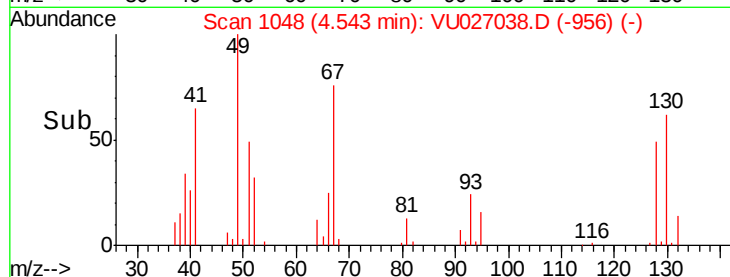
Abundance

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: 48.773 ug/l

RT: 5.40 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VU027038.D

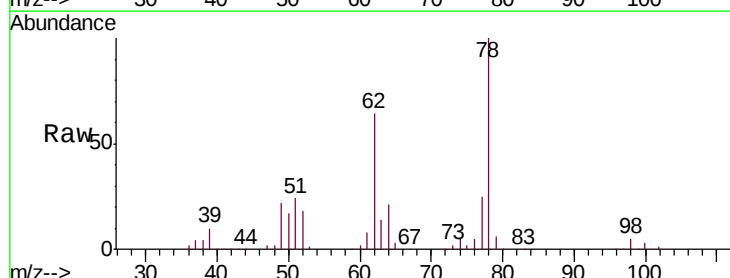
Acq: 22 Sep 2018 23:56

Tgt Ion: 62 Resp: 111732

Ion Ratio Lower Upper

62 100

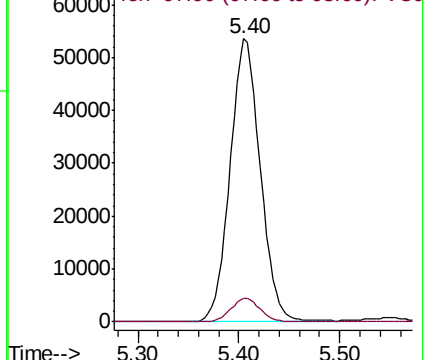
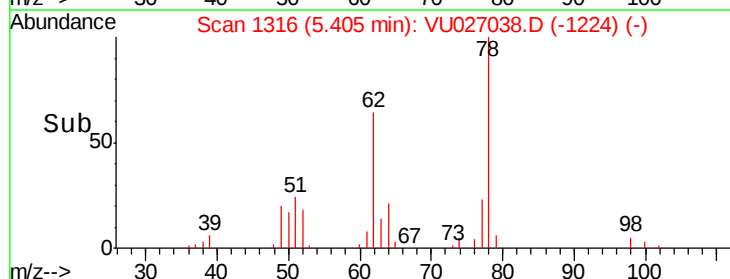
98 8.1 0.0 17.0



Abundance

Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

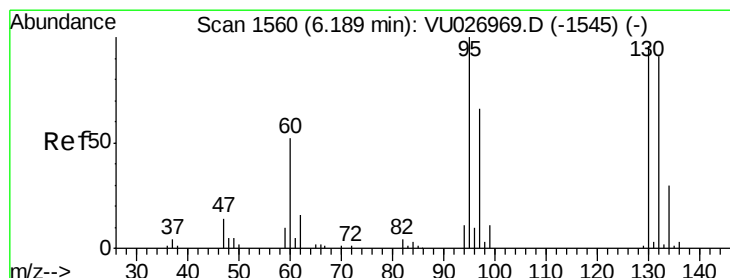
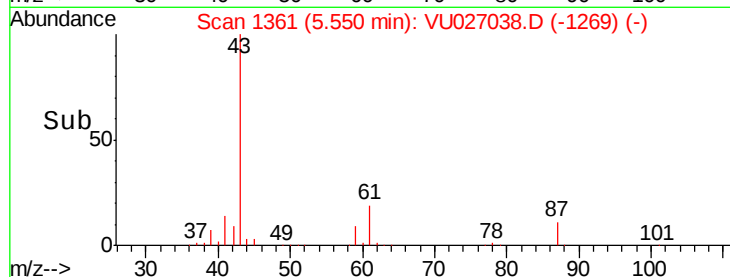
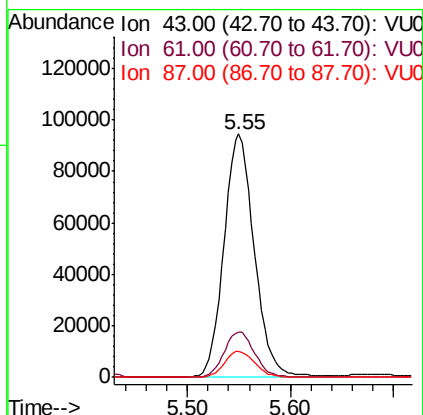
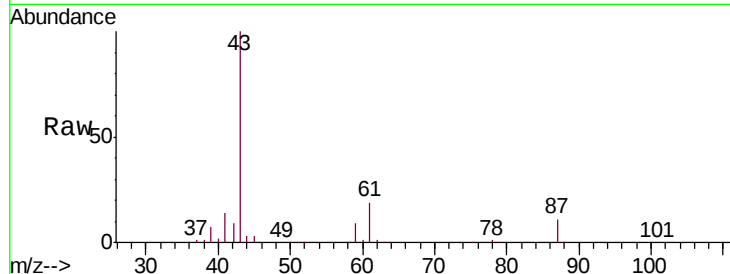




#43
Isopropyl Acetate
Concen: 49.070 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. -0.00 min
Lab File: VU027038.D
Acq: 22 Sep 2018 23:56

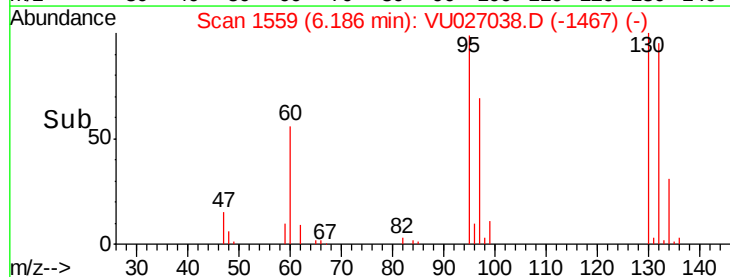
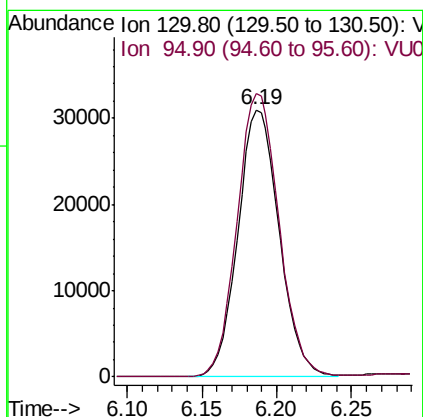
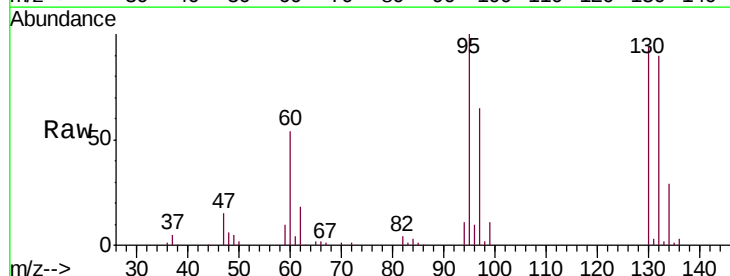
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

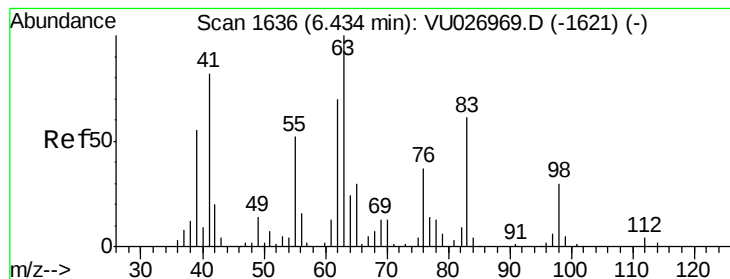
Tgt Ion: 43 Resp: 193227
Ion Ratio Lower Upper
43 100
61 18.9 15.7 23.5
87 10.7 9.0 13.4



#44
Trichloroethene
Concen: 46.166 ug/l
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU027038.D
Acq: 22 Sep 2018 23:56

Tgt Ion: 130 Resp: 59594
Ion Ratio Lower Upper
130 100
95 106.1 0.0 208.8





#45

1,2-Dichloropropane

Concen: 47.870 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU027038.D

Acq: 22 Sep 2018 23:56

Instrument :

MSVOA_U

ClientSampleId :

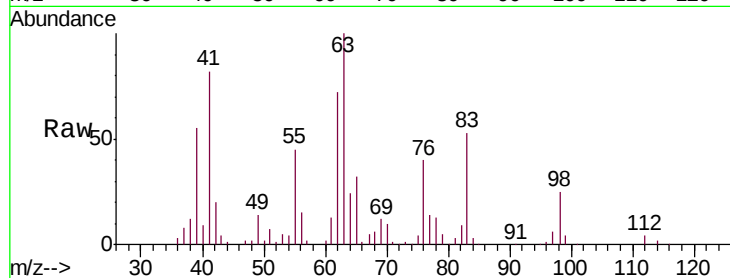
BPSI-TT-MW308D-20180914MSD

Tgt Ion: 63 Resp: 82705

Ion Ratio Lower Upper

63 100

65 32.4 24.3 36.5

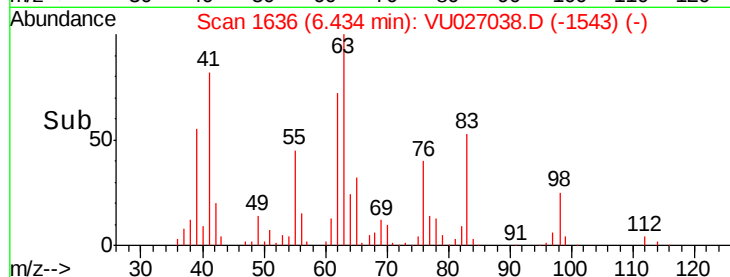


Abundance Ion 62.90 (62.60 to 63.60): VU026969.D (-1621) (-)

Ion 64.90 (64.60 to 65.60): VU026969.D (-1621) (-)

6.43

Time-->



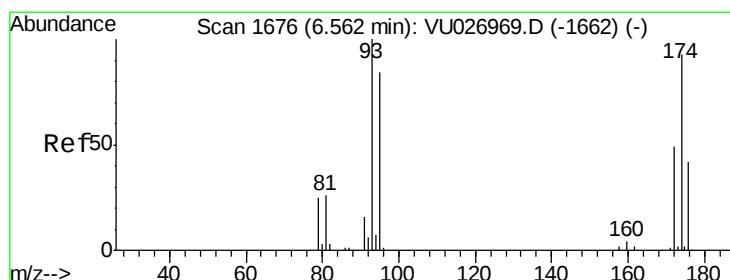
Abundance

Ion 62.90 (62.60 to 63.60): VU027038.D (-1543) (-)

Ion 64.90 (64.60 to 65.60): VU027038.D (-1543) (-)

6.43

Time-->



#46

Dibromomethane

Concen: 45.820 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VU027038.D

Acq: 22 Sep 2018 23:56

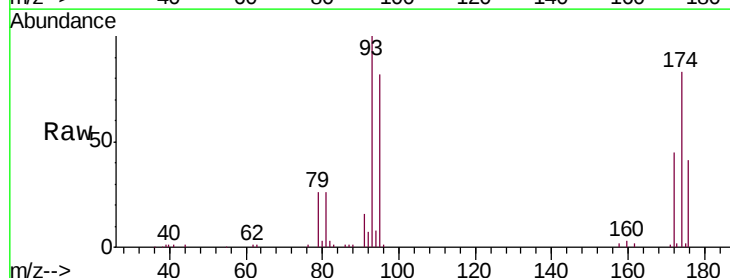
Tgt Ion: 93 Resp: 47810

Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.4

174 87.4 71.7 107.5



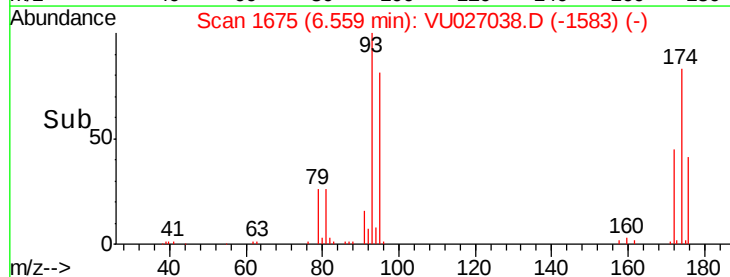
Abundance Ion 92.80 (92.50 to 93.50): VU026969.D (-1662) (-)

Ion 94.80 (94.50 to 95.50): VU026969.D (-1662) (-)

Ion 173.70 (173.40 to 174.40): VU026969.D (-1662) (-)

6.56

Time-->



Abundance

Ion 92.80 (92.50 to 93.50): VU027038.D (-1583) (-)

Ion 94.80 (94.50 to 95.50): VU027038.D (-1583) (-)

Ion 173.70 (173.40 to 174.40): VU027038.D (-1583) (-)

6.56

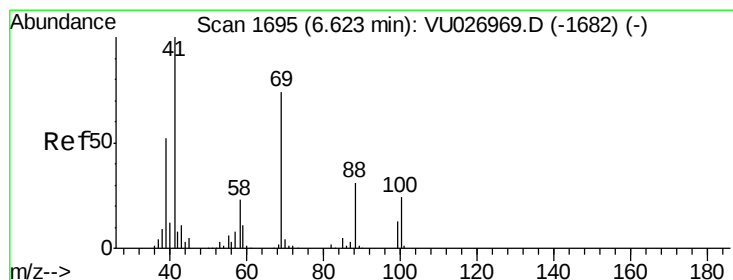
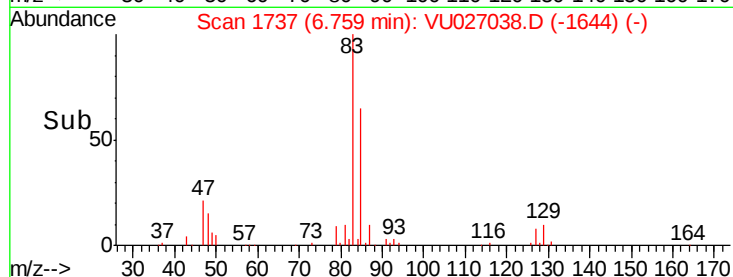
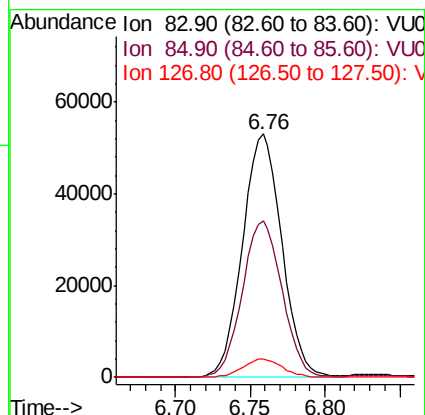
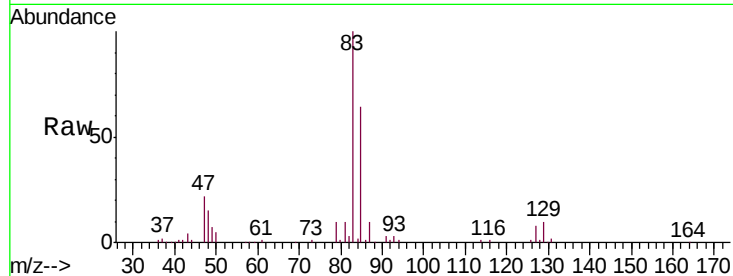
Time-->



#47
 Bromodichloromethane
 Concen: 46.221 ug/l
 RT: 6.76 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: VU027038.D
 Acq: 22 Sep 2018 23:56

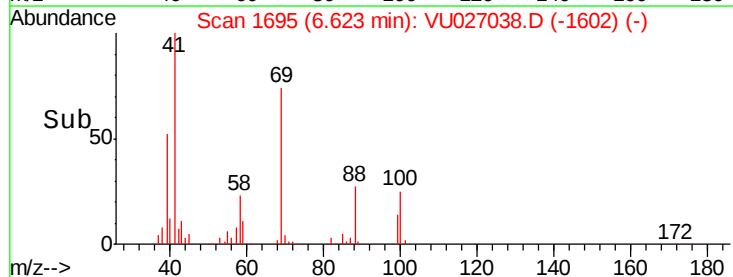
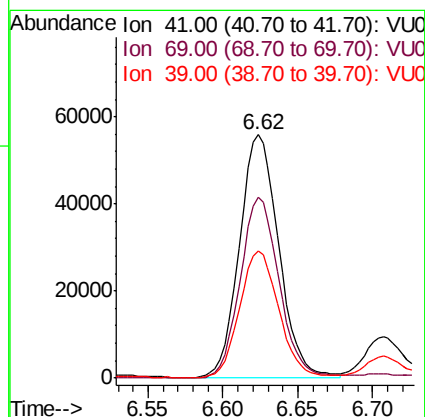
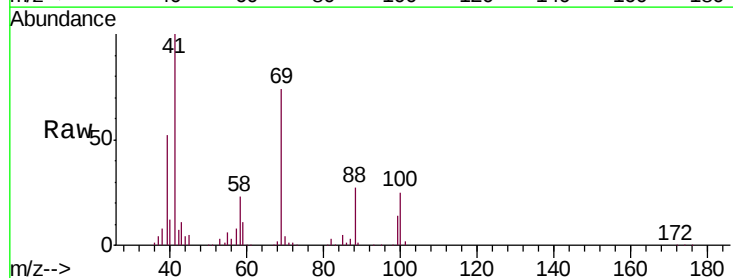
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MSD

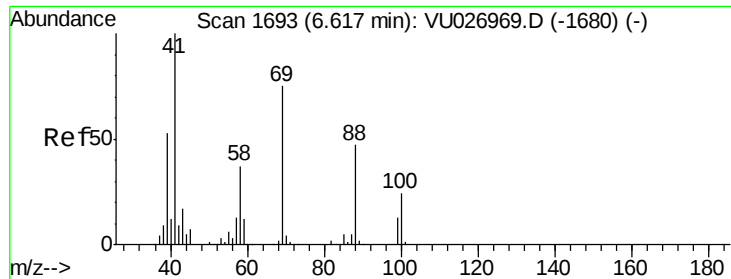
Tgt Ion: 83 Resp: 97522
 Ion Ratio Lower Upper
 83 100
 85 64.3 52.5 78.7
 127 7.7 6.3 9.5



#48
 Methyl methacrylate
 Concen: 47.634 ug/l
 RT: 6.62 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU027038.D
 Acq: 22 Sep 2018 23:56

Tgt Ion: 41 Resp: 101988
 Ion Ratio Lower Upper
 41 100
 69 74.0 60.6 90.8
 39 52.0 42.8 64.2

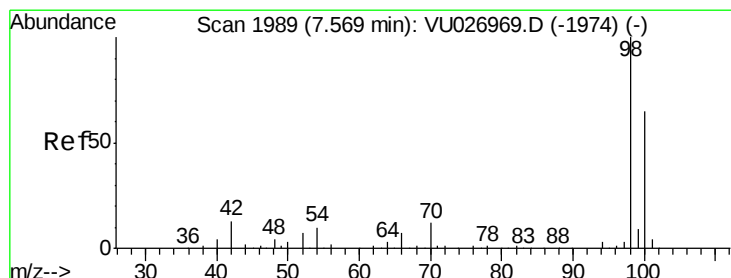
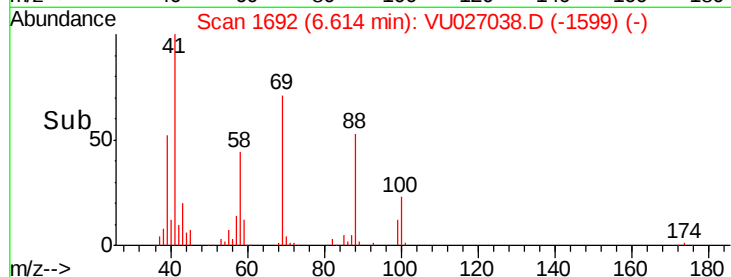
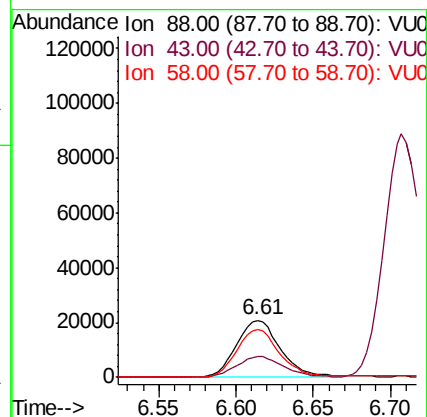
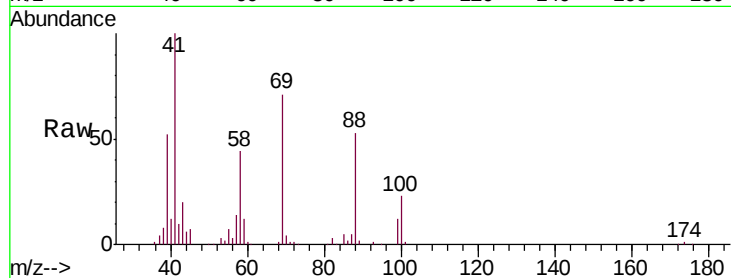




#49
1,4-Dioxane
Concen: 962.496 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027038.D
Acq: 22 Sep 2018 23:56

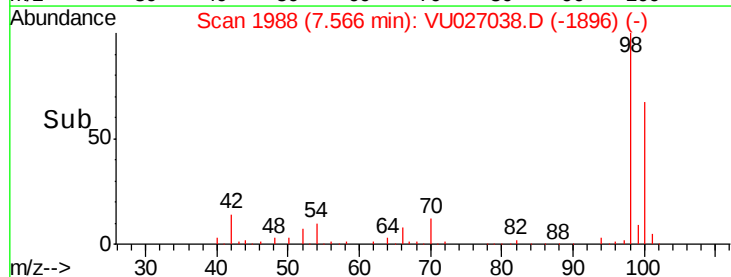
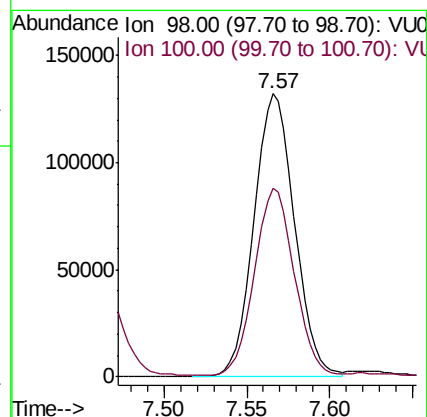
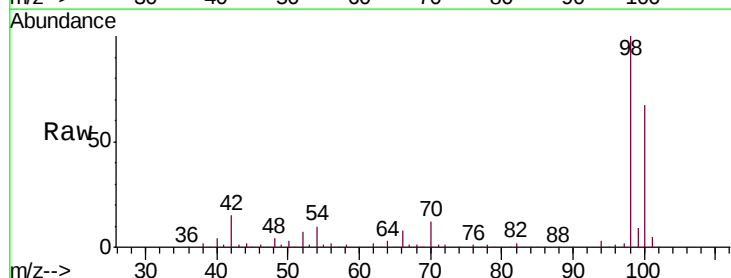
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

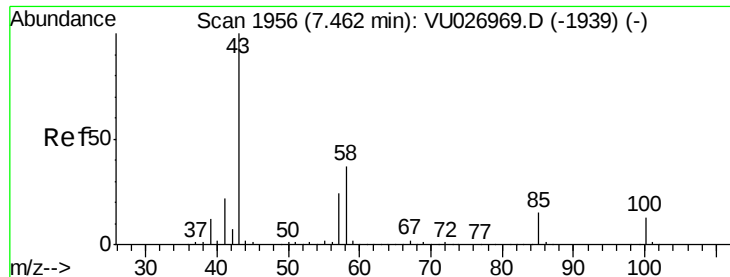
Tgt Ion: 88 Resp: 40971
Ion Ratio Lower Upper
88 100
43 39.4 29.8 44.8
58 84.4 63.9 95.9



#50
Toluene-d8
Concen: 45.508 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027038.D
Acq: 22 Sep 2018 23:56

Tgt Ion: 98 Resp: 224669
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 262.093 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU027038.D

Acq: 22 Sep 2018 23:56

Instrument :

MSVOA_U

ClientSampleId :

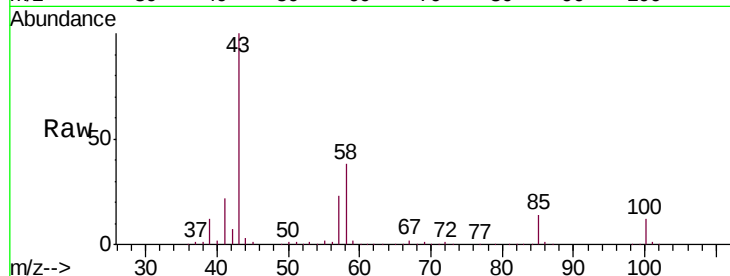
BPSI-TT-MW308D-20180914MSD

Tgt Ion: 43 Resp: 694132

Ion Ratio Lower Upper

43 100

58 36.2 29.8 44.6



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

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

7.46

400000

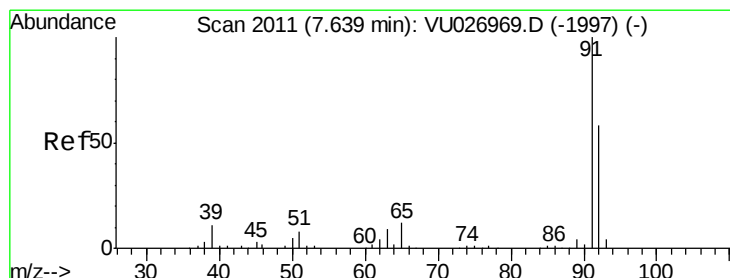
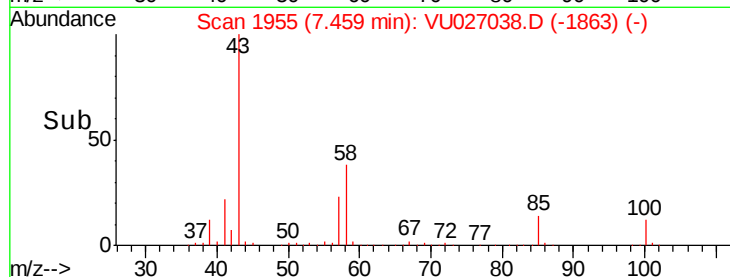
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.222 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027038.D

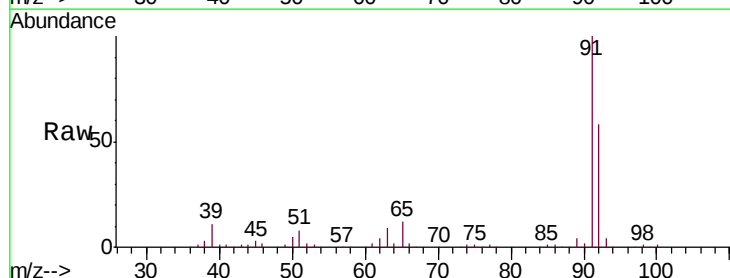
Acq: 22 Sep 2018 23:56

Tgt Ion: 92 Resp: 167599

Ion Ratio Lower Upper

92 100

91 171.4 136.4 204.6



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

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

7.64

200000

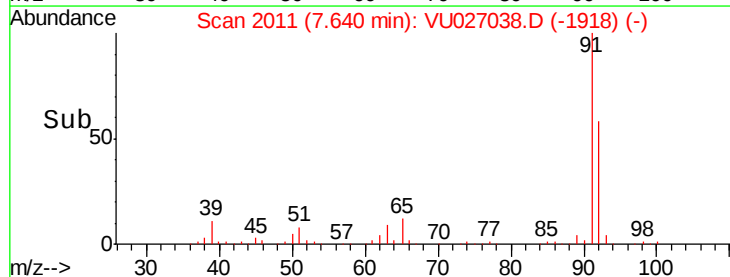
150000

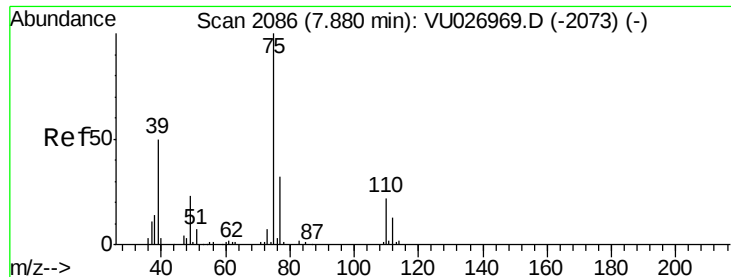
100000

50000

0

Time-->

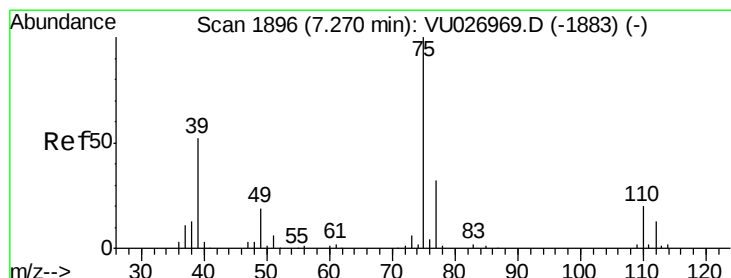
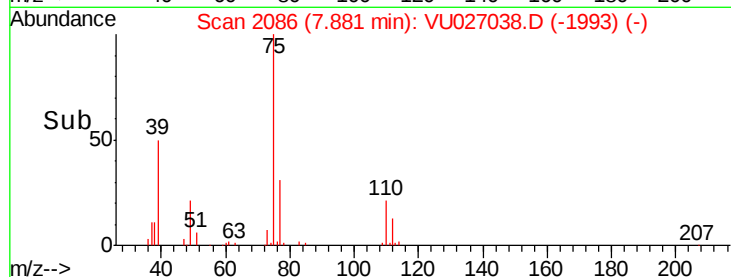
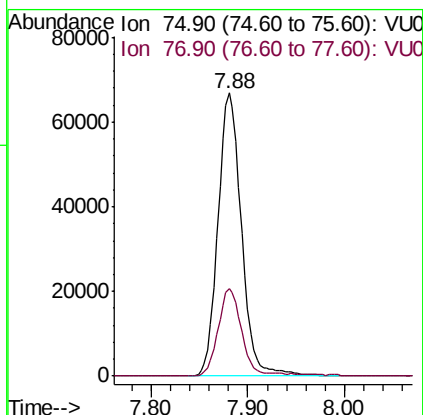
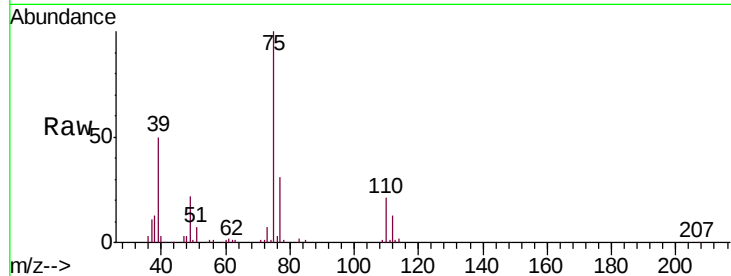




#53
 t-1,3-Dichloropropene
 Concen: 49.895 ug/l
 RT: 7.88 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: VU027038.D
 Acq: 22 Sep 2018 23:56

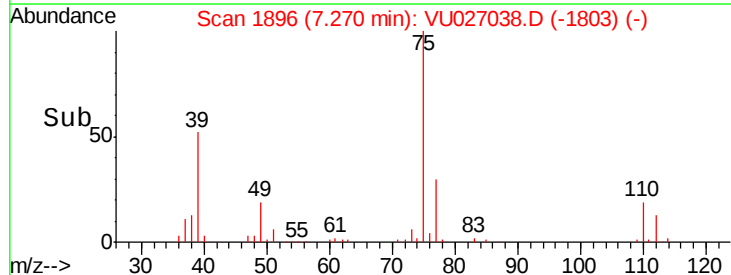
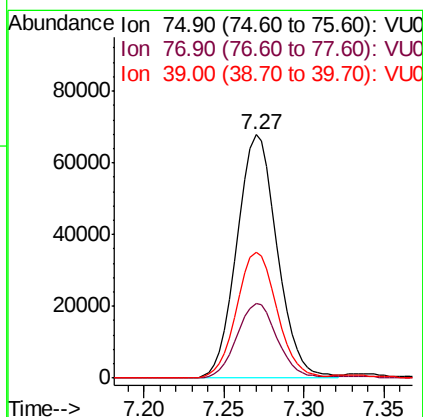
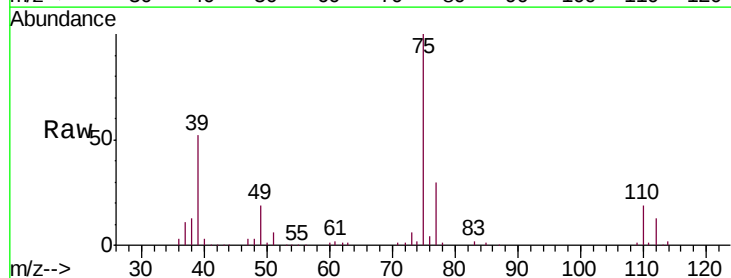
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MSD

Tgt Ion: 75 Resp: 113107
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 46.685 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: VU027038.D
 Acq: 22 Sep 2018 23:56

Tgt Ion: 75 Resp: 116364
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.4 38.0
 39 51.6 41.6 62.4

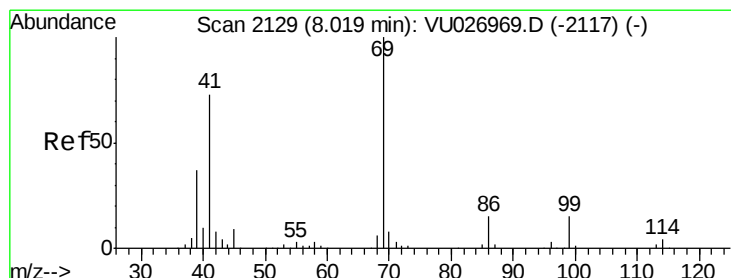
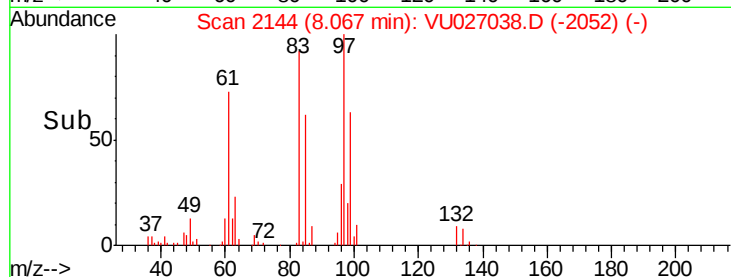
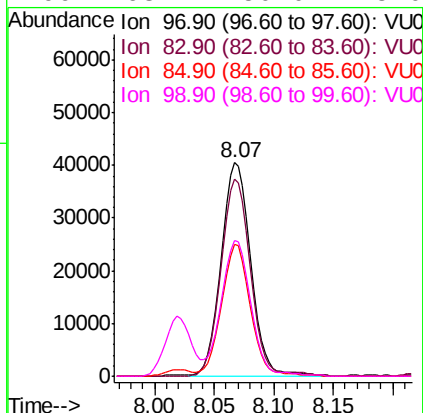
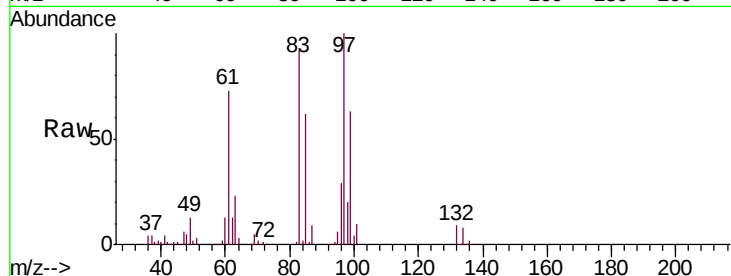




#55
 1,1,2-Trichloroethane
 Concen: 47.594 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027038.D
 Acq: 22 Sep 2018 23:56

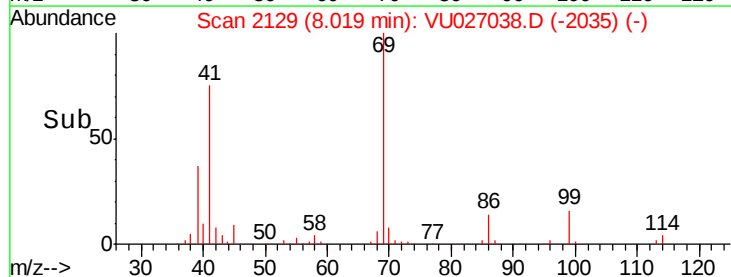
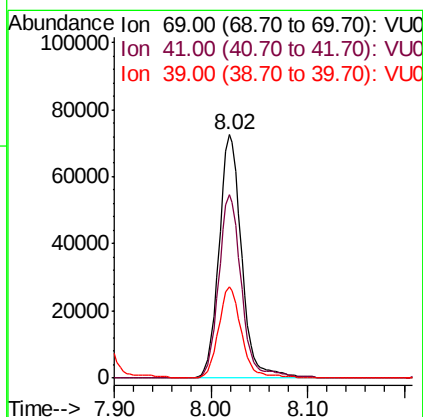
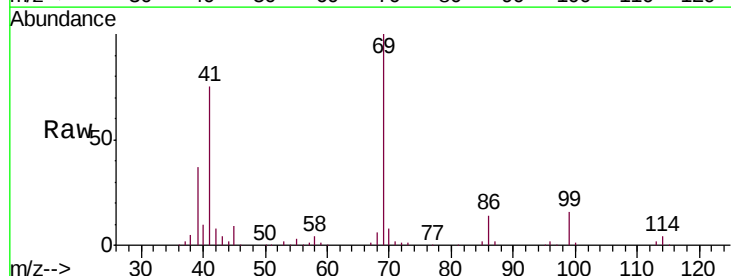
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MSD

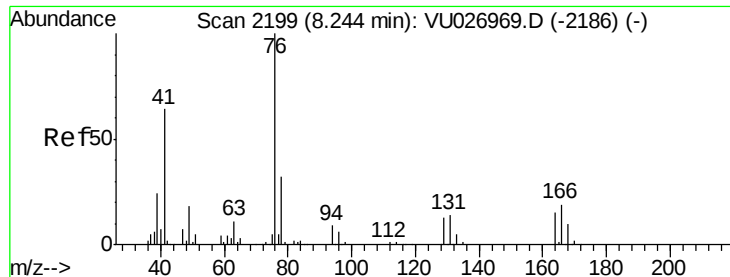
Tgt Ion:	97	Resp:	70091
Ion	Ratio	Lower	Upper
97	100		
83	92.0	73.1	109.7
85	61.7	46.7	70.1
99	63.4	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 46.357 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027038.D
 Acq: 22 Sep 2018 23:56

Tgt Ion:	69	Resp:	118029
Ion	Ratio	Lower	Upper
69	100		
41	75.9	59.0	88.4
39	37.4	30.2	45.4

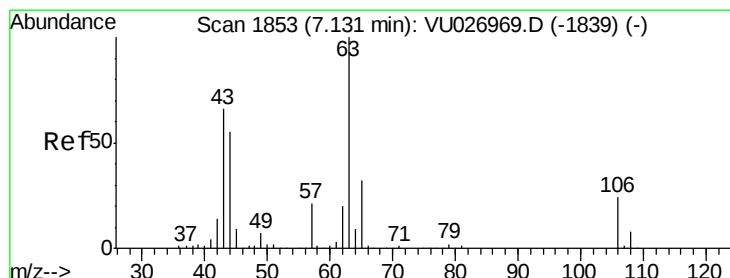
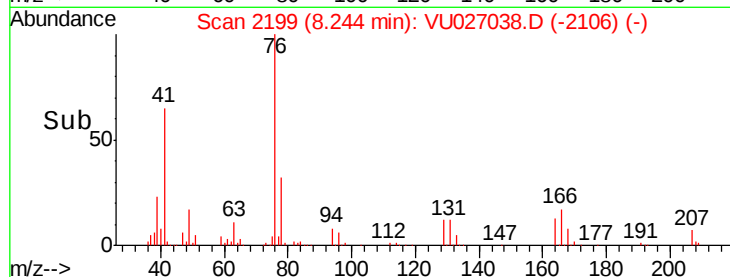
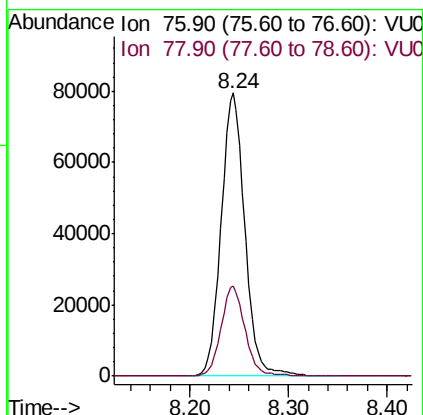
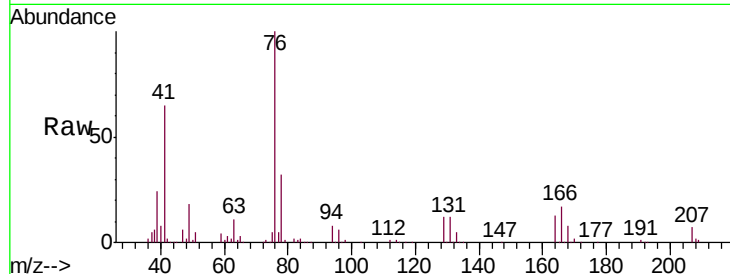




#57
 1,3-Dichloropropane
 Concen: 48.959 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027038.D
 Acq: 22 Sep 2018 23:56

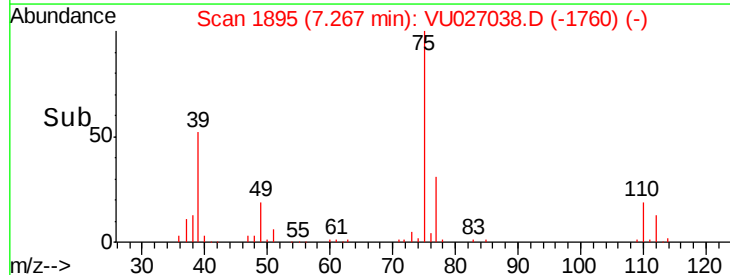
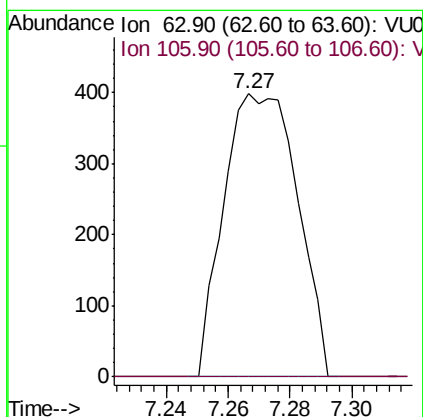
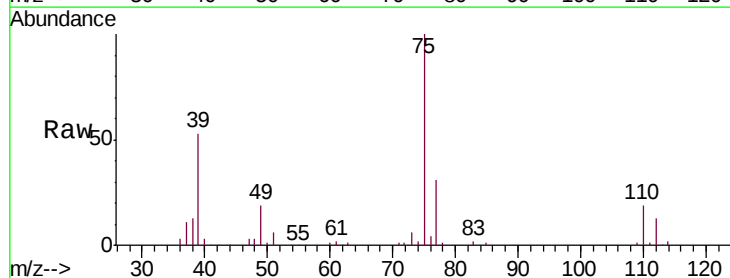
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MSD

Tgt Ion: 76 Resp: 134104
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 5.306 ug/l
 RT: 7.27 min Scan# 1895
 Delta R.T. 0.14 min
 Lab File: VU027038.D
 Acq: 22 Sep 2018 23:56

Tgt Ion: 63 Resp: 657
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.7 28.1#

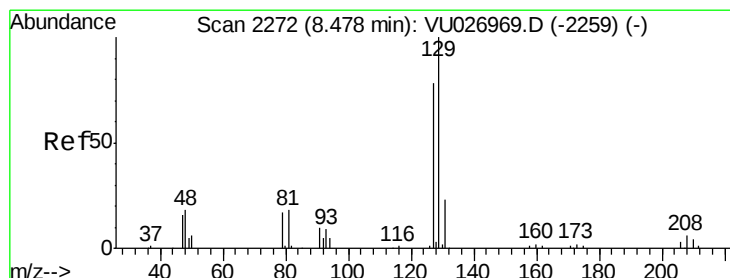
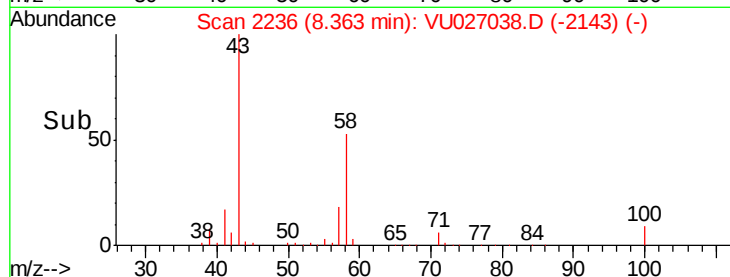
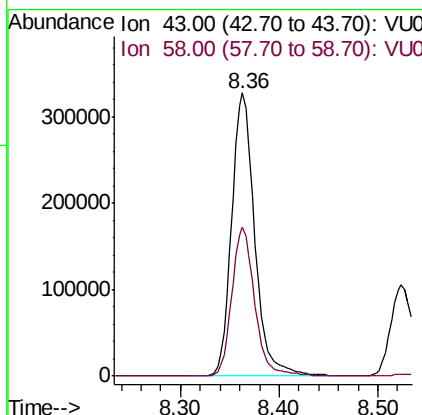
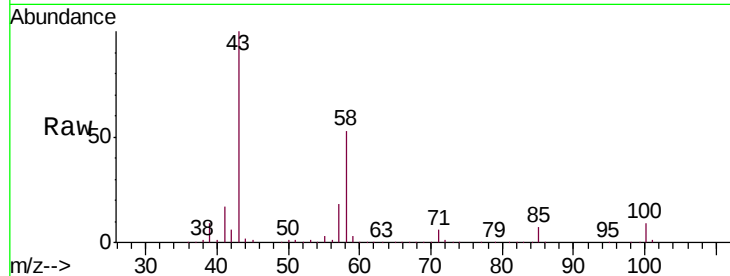




#59
 2-Hexanone
 Concen: 256.107 ug/l
 RT: 8.36 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: VU027038.D
 Acq: 22 Sep 2018 23:56

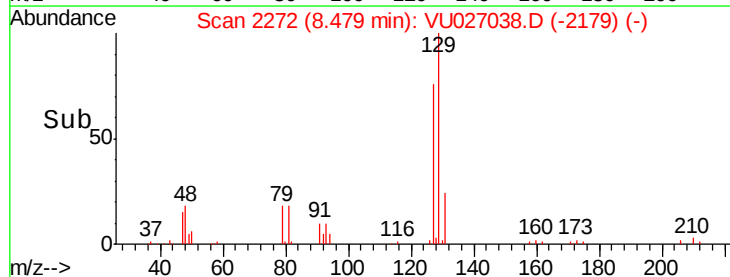
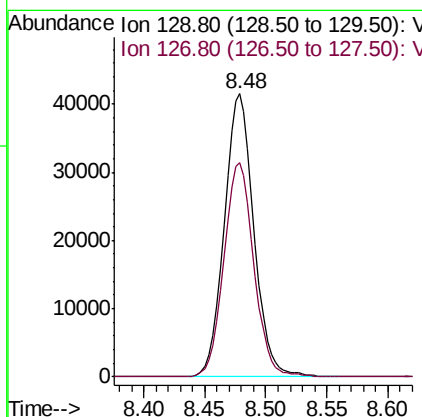
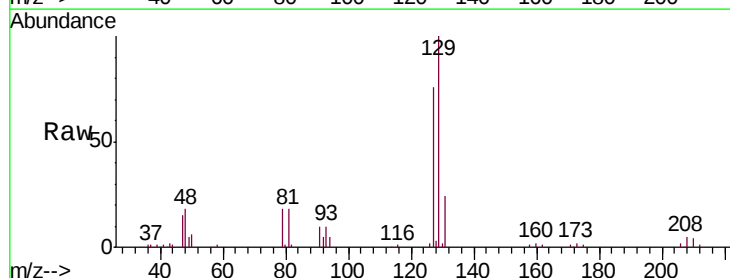
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MSD

Tgt Ion: 43 Resp: 530943
 Ion Ratio Lower Upper
 43 100
 58 52.3 26.1 78.2



#60
 Dibromochloromethane
 Concen: 48.777 ug/l
 RT: 8.48 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VU027038.D
 Acq: 22 Sep 2018 23:56

Tgt Ion: 129 Resp: 70461
 Ion Ratio Lower Upper
 129 100
 127 76.8 38.1 114.5

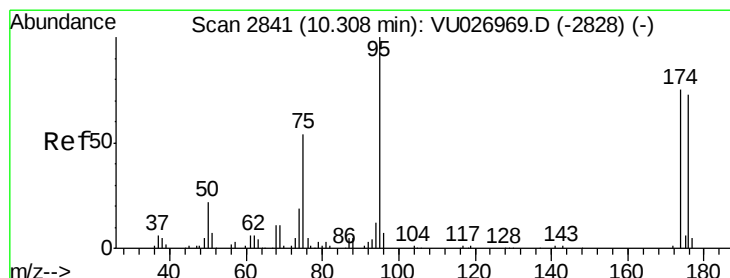
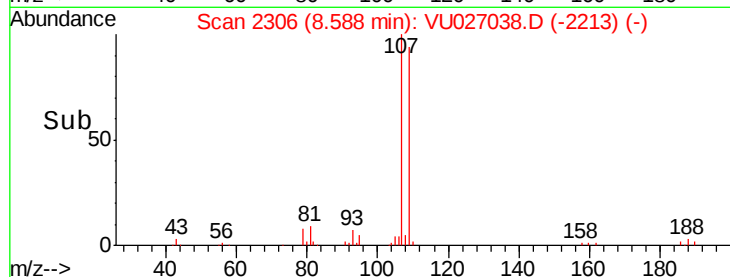
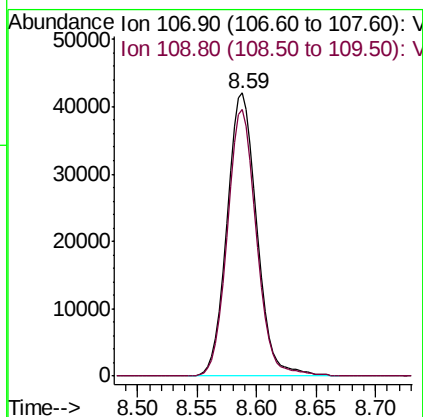
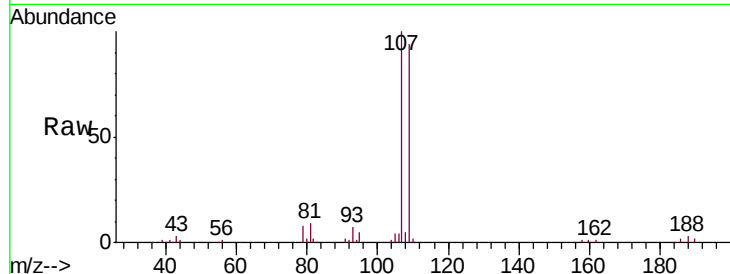




#61
 1,2-Dibromoethane
 Concen: 47.612 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU027038.D
 Acq: 22 Sep 2018 23:56

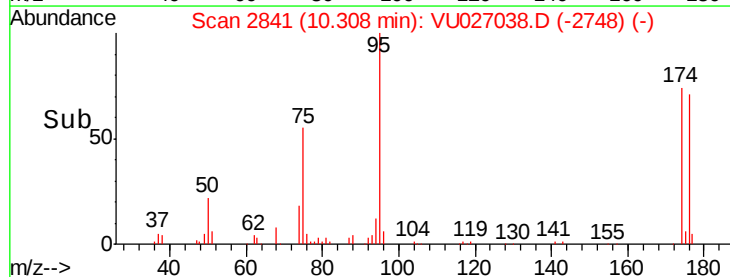
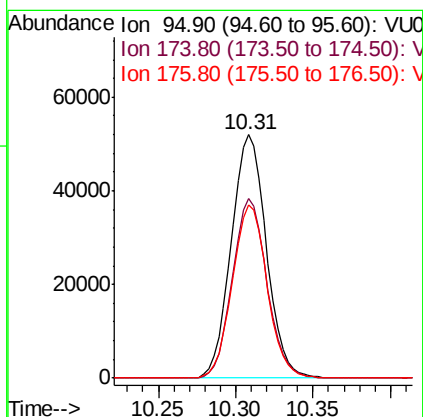
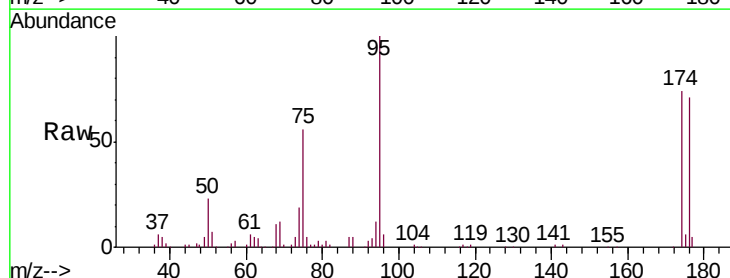
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MSD

Tgt Ion: 107 Resp: 72956
 Ion Ratio Lower Upper
 107 100
 109 92.3 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 48.302 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027038.D
 Acq: 22 Sep 2018 23:56

Tgt Ion: 95 Resp: 81824
 Ion Ratio Lower Upper
 95 100
 174 72.7 0.0 150.2
 176 70.7 0.0 145.2

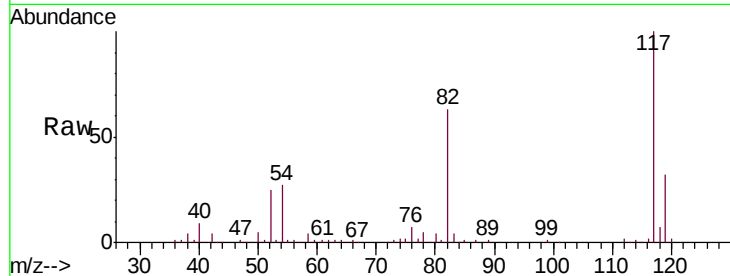




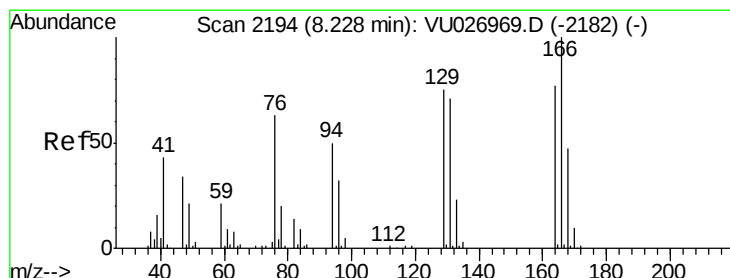
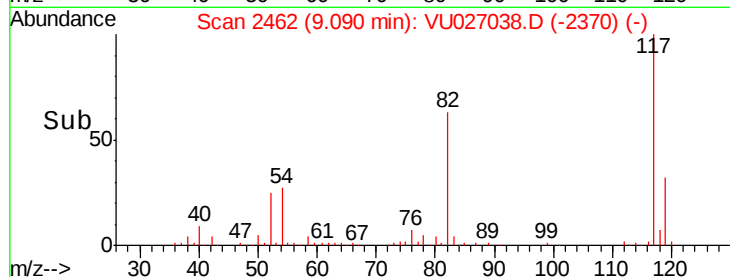
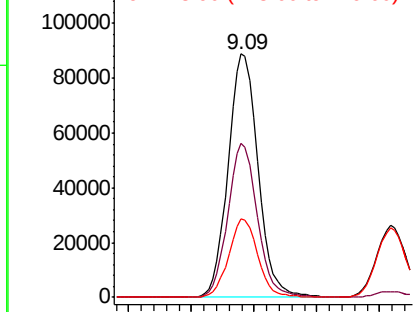
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027038.D
Acq: 22 Sep 2018 23:56

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

Tgt Ion:117 Resp: 147399
Ion Ratio Lower Upper
117 100
82 63.2 48.0 72.0
119 32.1 25.8 38.8



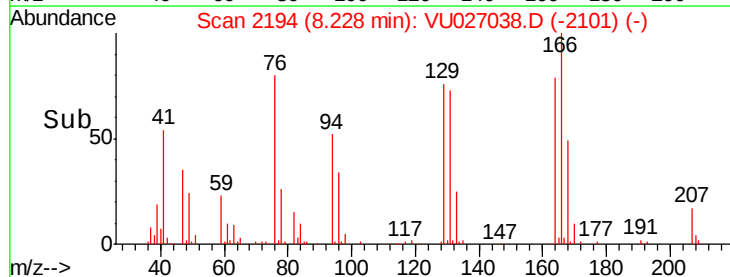
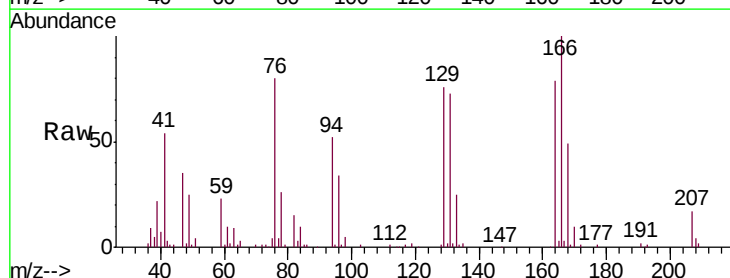
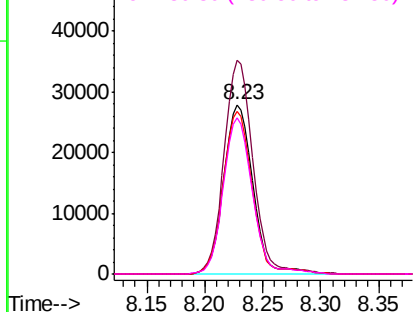
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

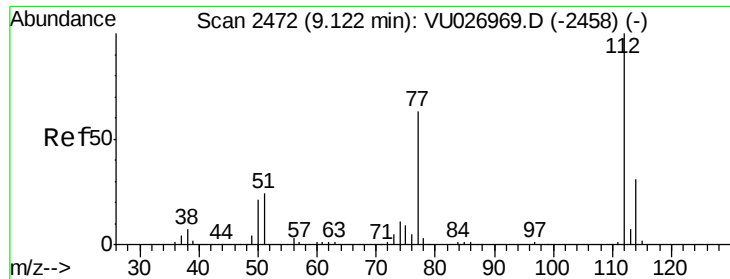


#64
Tetrachloroethene
Concen: 42.542 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027038.D
Acq: 22 Sep 2018 23:56

Tgt Ion:164 Resp: 48320
Ion Ratio Lower Upper
164 100
166 126.0 104.4 156.6
129 96.2 78.7 118.1
131 91.9 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

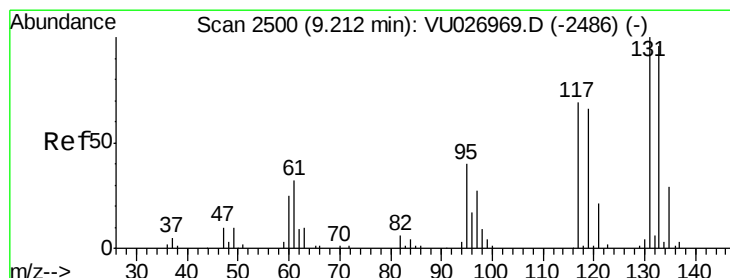
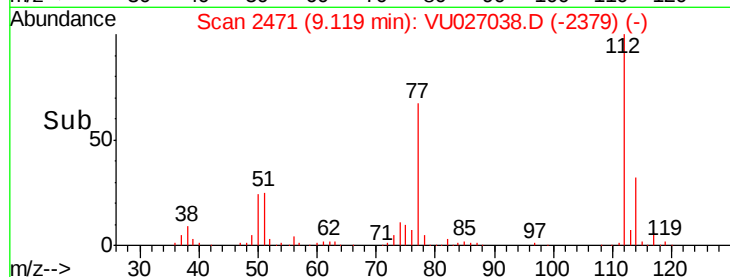
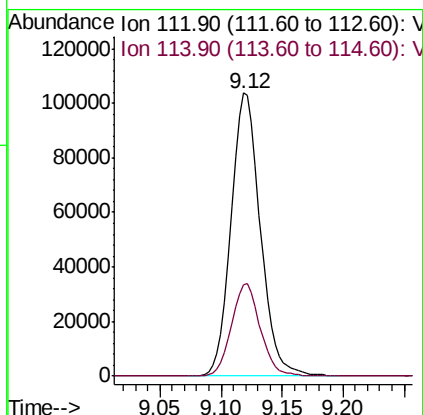
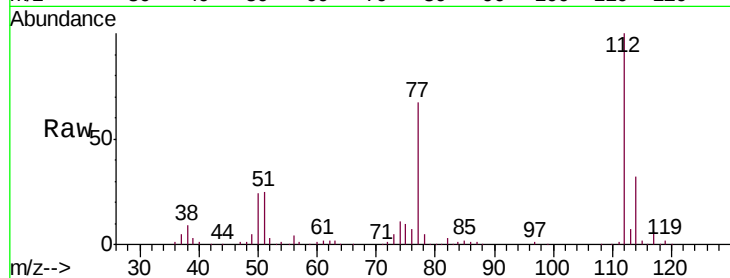




#65
Chlorobenzene
Concen: 44.524 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027038.D
Acq: 22 Sep 2018 23:56

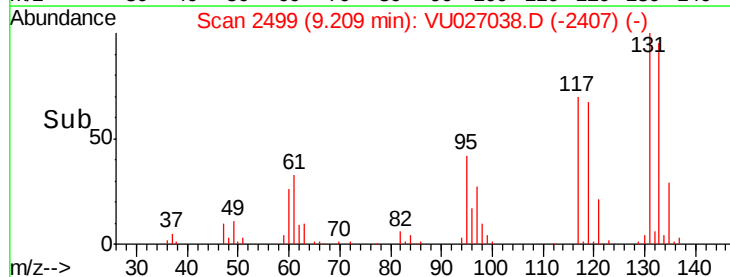
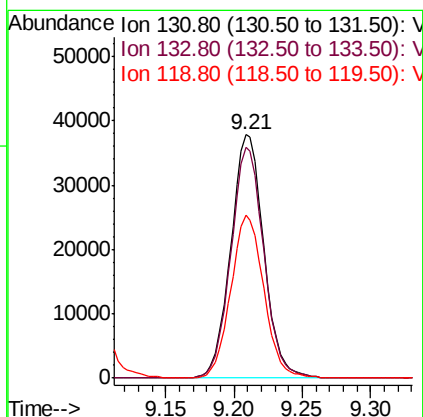
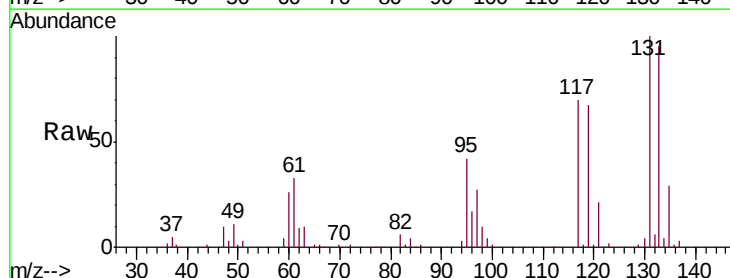
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

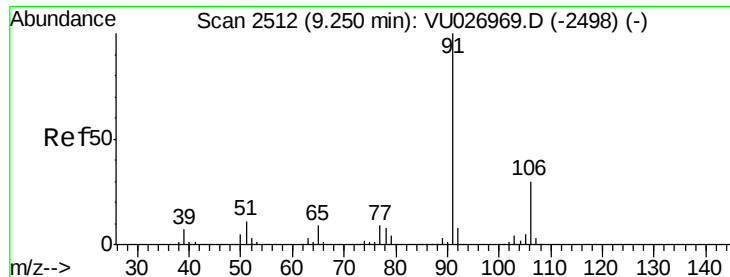
Tgt Ion:112 Resp: 174012
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 47.165 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027038.D
Acq: 22 Sep 2018 23:56

Tgt Ion:131 Resp: 63492
Ion Ratio Lower Upper
131 100
133 94.7 48.0 144.2
119 66.9 33.4 100.1





#67

Ethyl Benzene

Concen: 48.895 ug/l

RT: 9.25 min Scan# 2512

Delta R.T. 0.00 min

Lab File: VU027038.D

Acq: 22 Sep 2018 23:56

Instrument :

MSVOA_U

ClientSampleId :

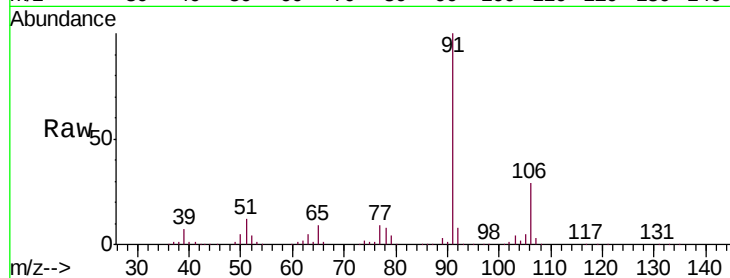
BPSI-TT-MW308D-20180914MSD

Tgt Ion: 91 Resp: 314234

Ion Ratio Lower Upper

91 100

106 29.5 23.8 35.8



Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-2498) (-)

Ion 106.00 (105.70 to 106.70): VU026969.D (-2498) (-)

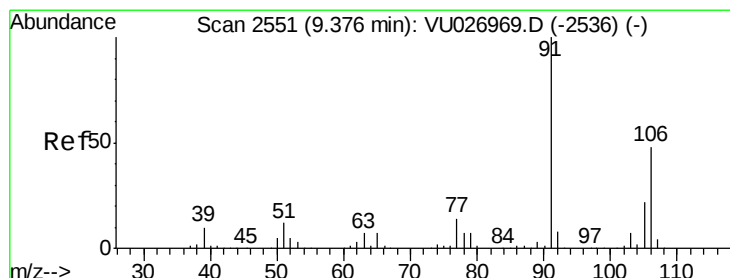
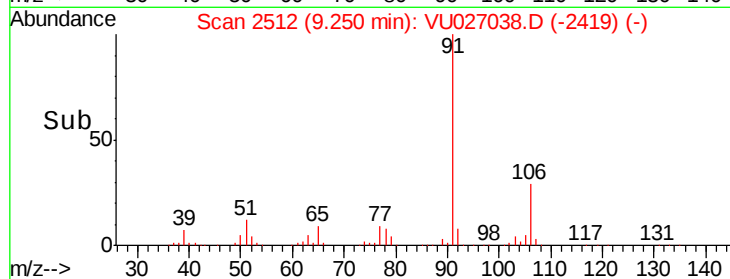
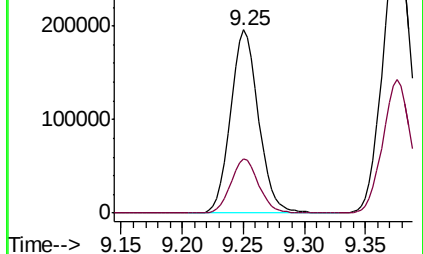
300000

200000

100000

0

9.15 9.20 9.25 9.30 9.35



#68

m/p-Xylenes

Concen: 89.578 ug/l

RT: 9.38 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VU027038.D

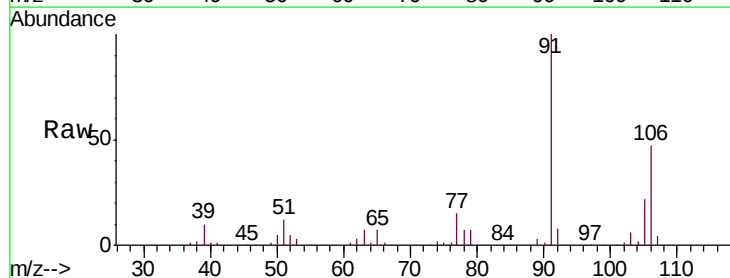
Acq: 22 Sep 2018 23:56

Tgt Ion: 106 Resp: 232735

Ion Ratio Lower Upper

106 100

91 210.8 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): VU026969.D (-2536) (-)

Ion 91.00 (90.70 to 91.70): VU026969.D (-2536) (-)

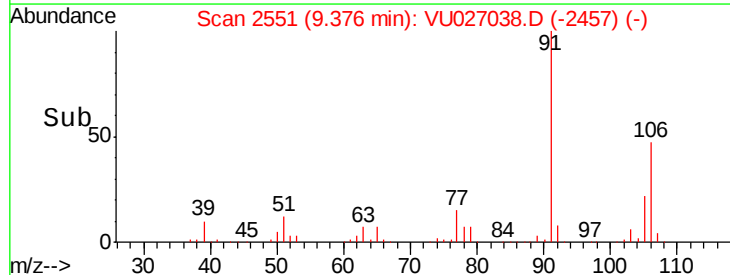
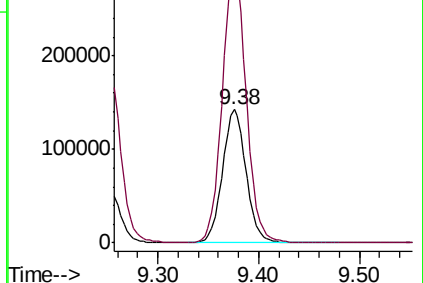
300000

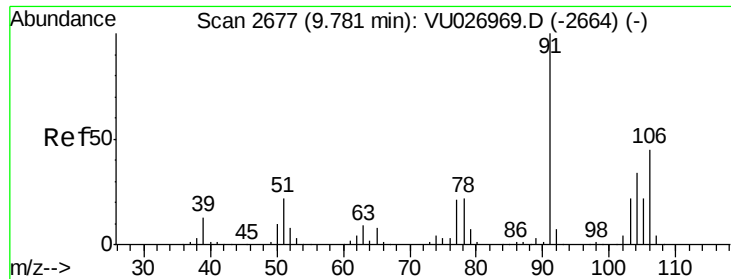
200000

100000

0

9.30 9.40 9.50

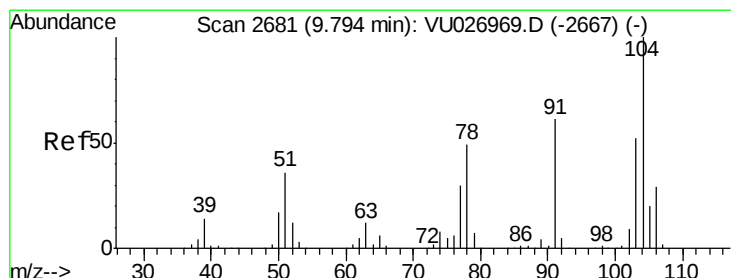
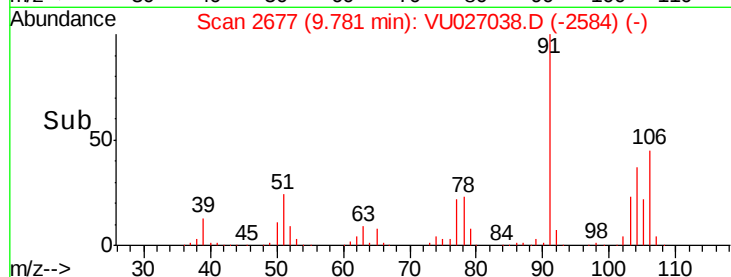
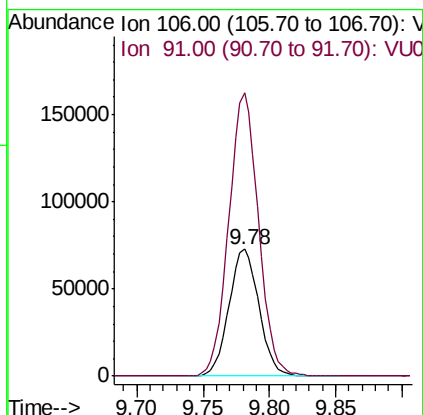
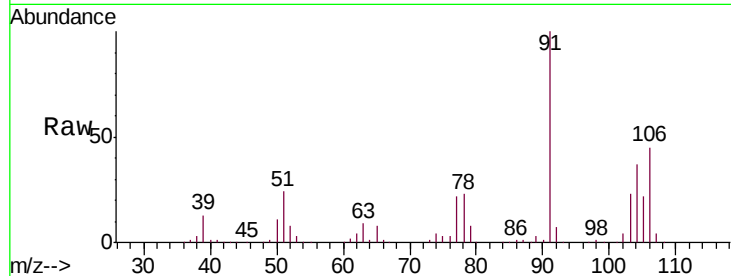




#69
o-Xylene
Concen: 50.414 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027038.D
Acq: 22 Sep 2018 23:56

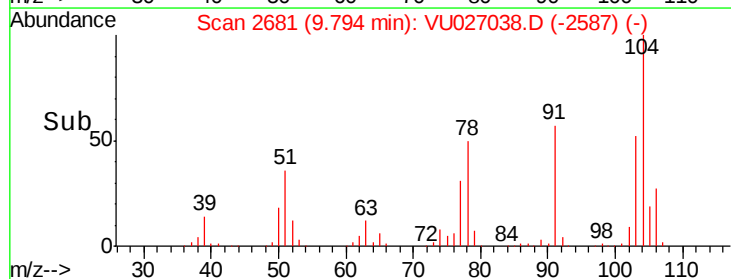
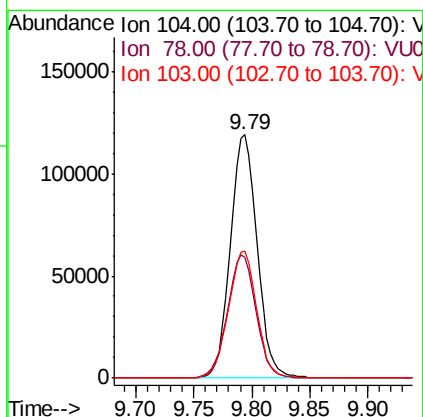
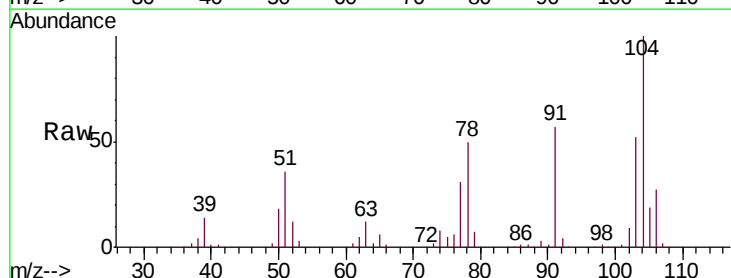
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

Tgt Ion:106 Resp: 114796
Ion Ratio Lower Upper
106 100
91 220.6 110.2 330.6



#70
Styrene
Concen: 44.752 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027038.D
Acq: 22 Sep 2018 23:56

Tgt Ion:104 Resp: 189435
Ion Ratio Lower Upper
104 100
78 54.2 43.0 64.4
103 55.2 44.1 66.1





#71

Bromoform

Concen: 48.042 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU027038.D

Acq: 22 Sep 2018 23:56

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MSD

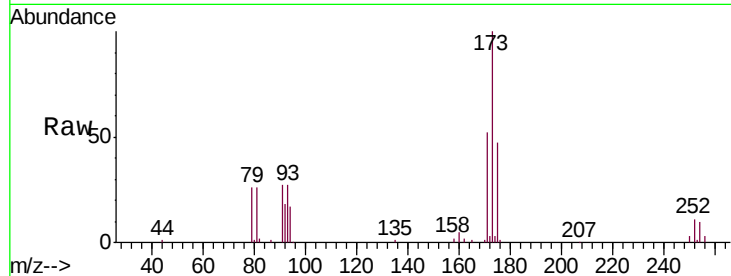
Tgt Ion:173 Resp: 50011

Ion Ratio Lower Upper

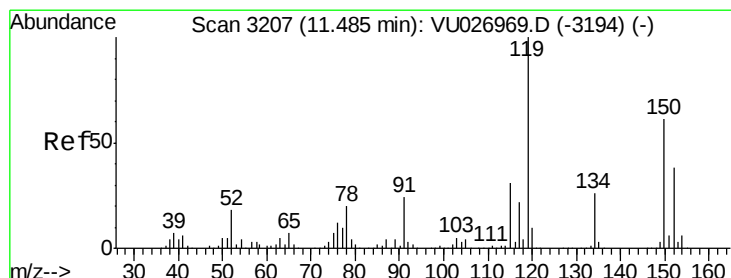
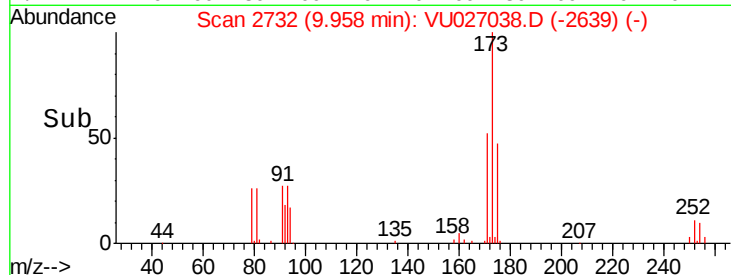
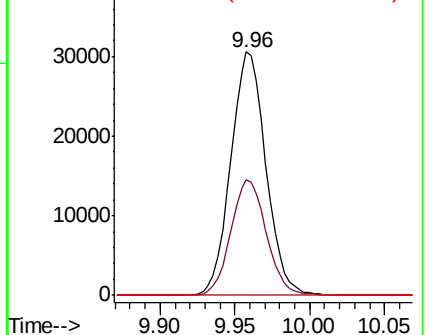
173 100

175 48.0 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: 11.49 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027038.D

Acq: 22 Sep 2018 23:56

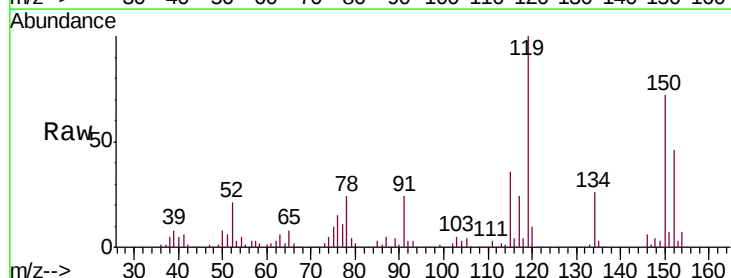
Tgt Ion:152 Resp: 78521

Ion Ratio Lower Upper

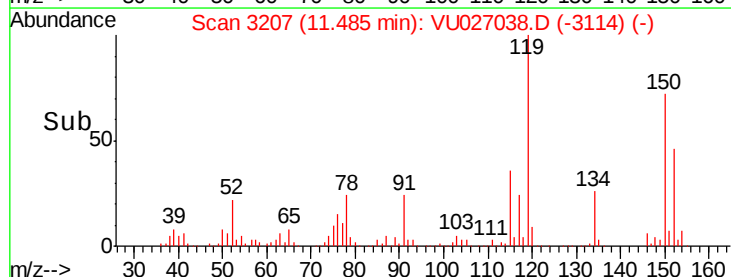
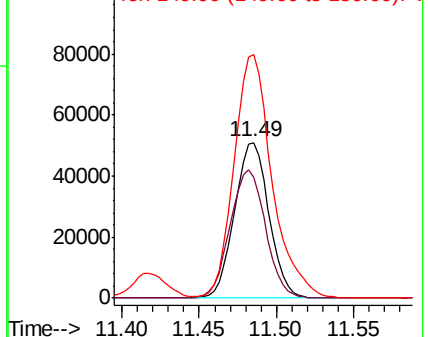
152 100

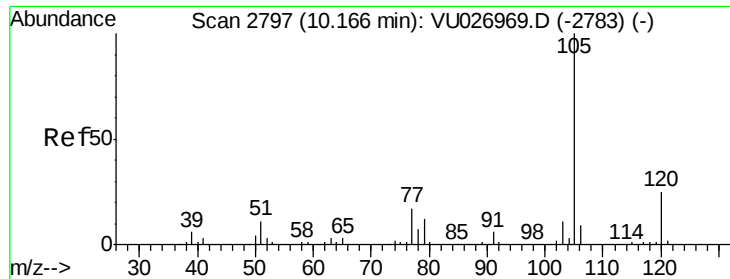
115 85.3 44.9 134.5

150 173.8 0.0 355.8



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





#73

Isopropylbenzene

Concen: 50.296 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027038.D

Acq: 22 Sep 2018 23:56

Instrument :

MSVOA_U

ClientSampleId :

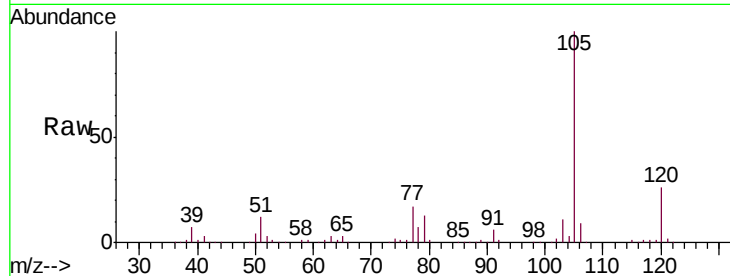
BPSI-TT-MW308D-20180914MSD

Tgt Ion: 105 Resp: 300421

Ion Ratio Lower Upper

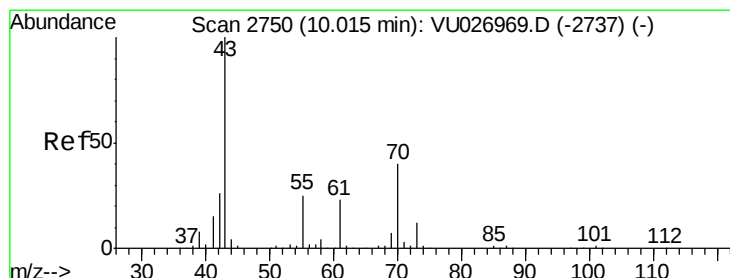
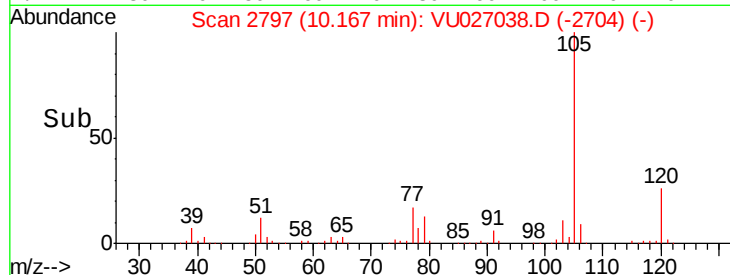
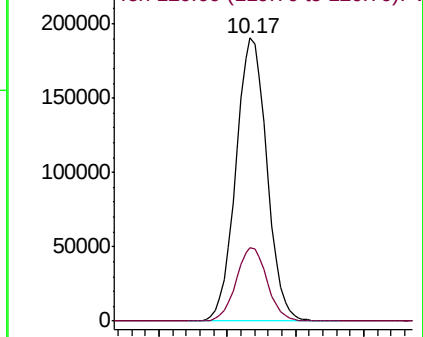
105 100

120 25.9 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.444 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027038.D

Acq: 22 Sep 2018 23:56

Tgt Ion: 43 Resp: 167493

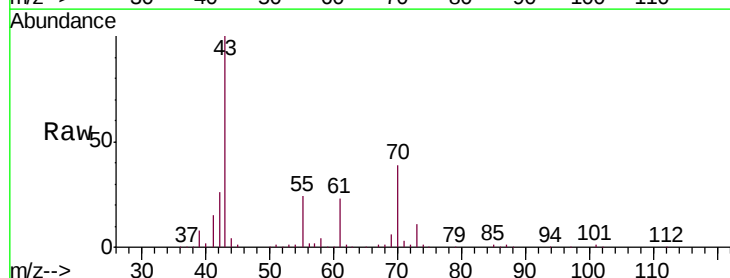
Ion Ratio Lower Upper

43 100

70 38.8 31.8 47.8

55 24.2 19.9 29.9

61 22.6 18.4 27.6

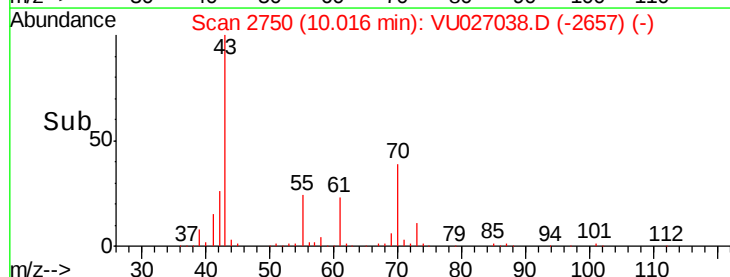
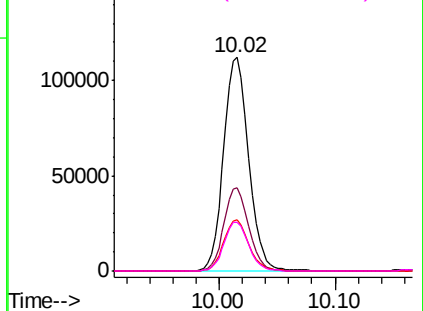


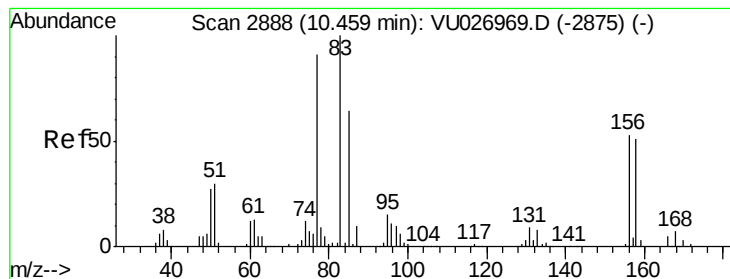
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 45.415 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027038.D

Acq: 22 Sep 2018 23:56

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MSD

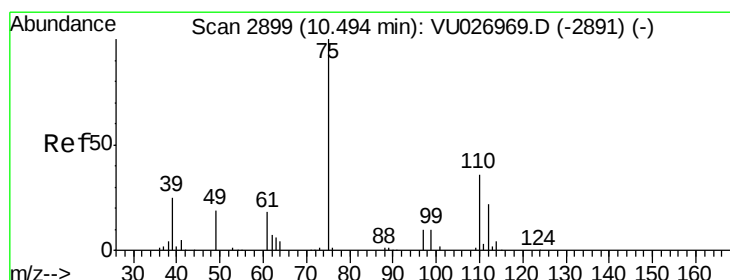
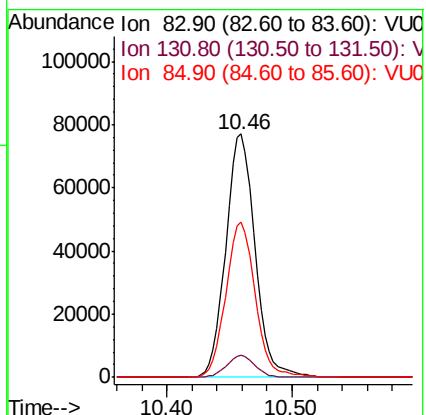
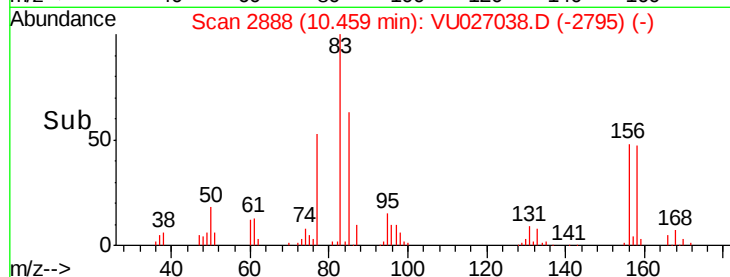
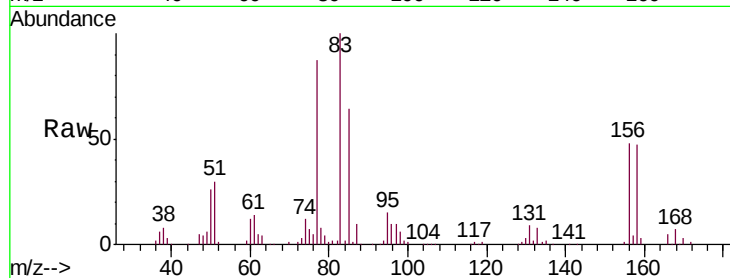
Tgt Ion: 83 Resp: 124719

Ion Ratio Lower Upper

83 100

131 8.7 4.3 12.8

85 64.1 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 62.448 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027038.D

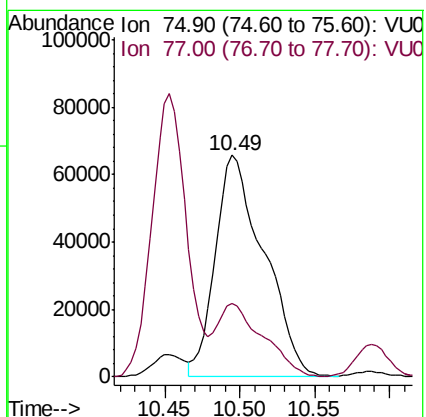
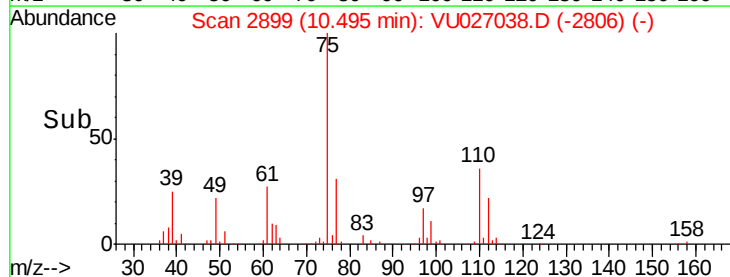
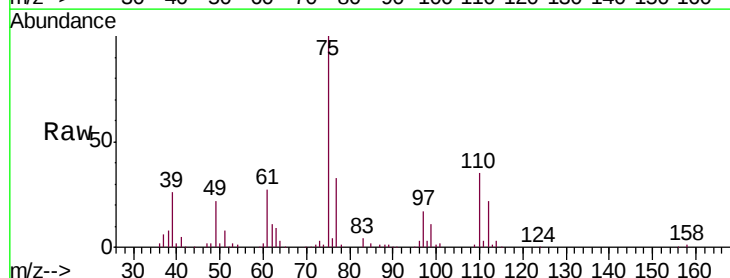
Acq: 22 Sep 2018 23:56

Tgt Ion: 75 Resp: 148967

Ion Ratio Lower Upper

75 100

77 31.5 20.9 62.8





#77

Bromobenzene

Concen: 47.589 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027038.D

Acq: 22 Sep 2018 23:56

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MSD

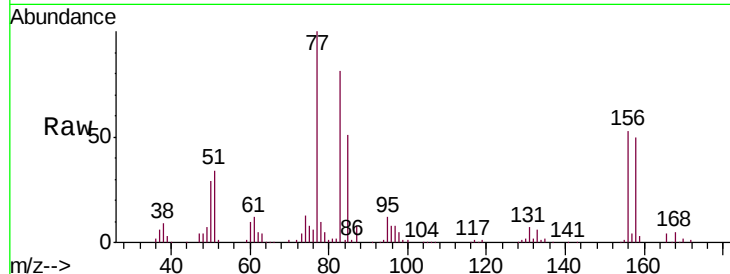
Tgt Ion:156 Resp: 69461

Ion Ratio Lower Upper

156 100

77 193.6 92.3 276.9

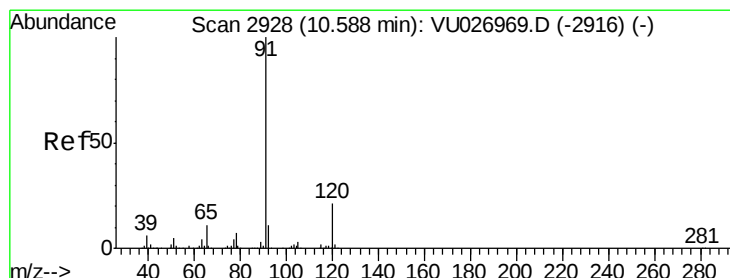
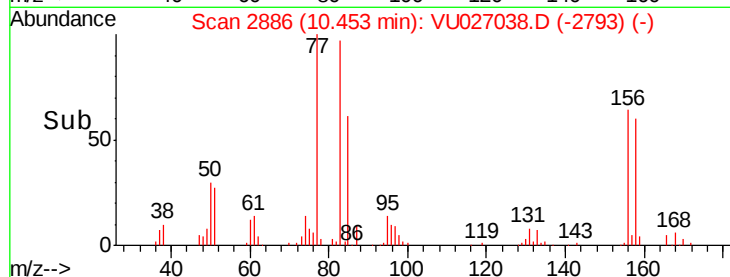
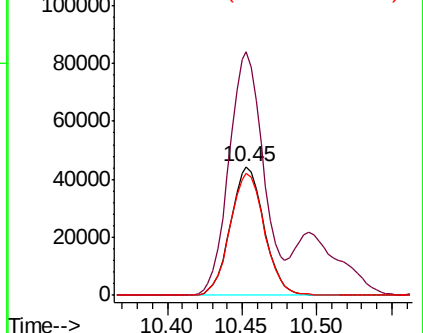
158 97.5 48.1 144.3



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: 50.806 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027038.D

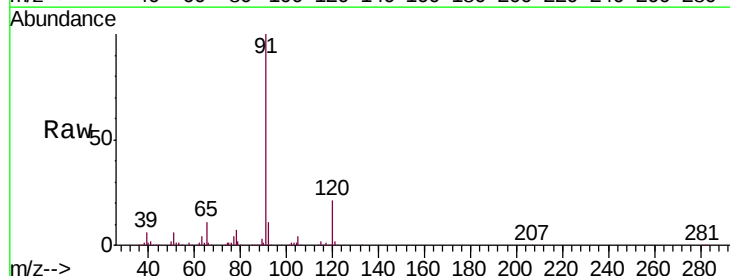
Acq: 22 Sep 2018 23:56

Tgt Ion: 91 Resp: 359069

Ion Ratio Lower Upper

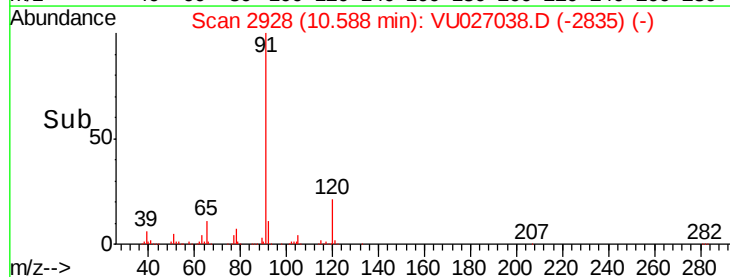
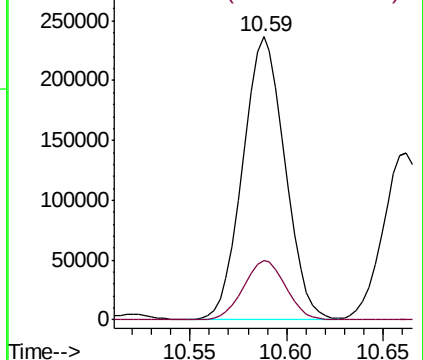
91 100

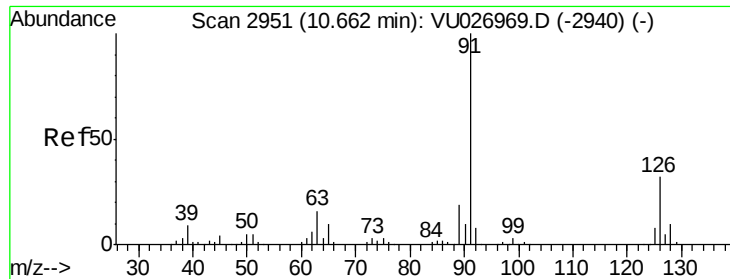
120 21.0 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

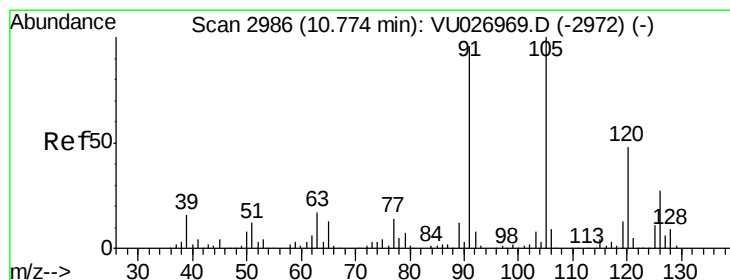
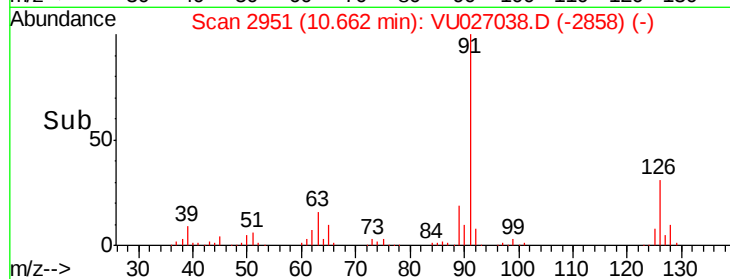
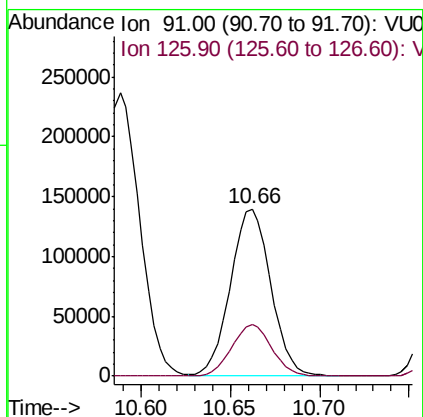
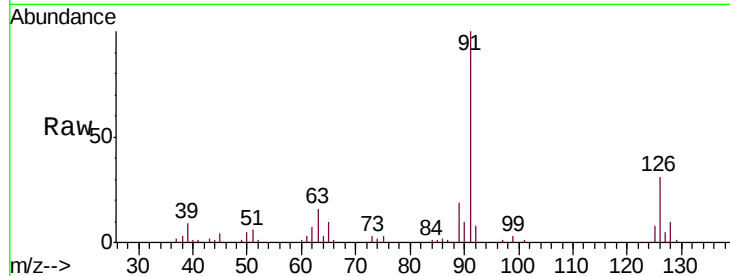




#79
 2-Chlorotoluene
 Concen: 49.414 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027038.D
 Acq: 22 Sep 2018 23:56

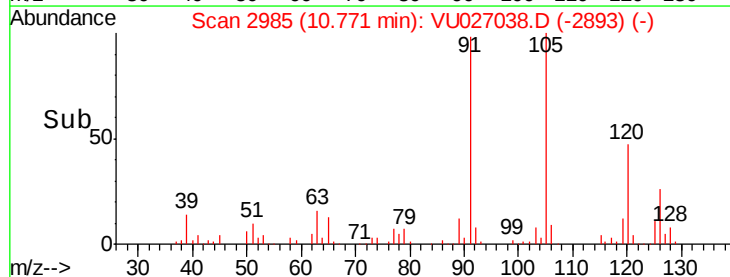
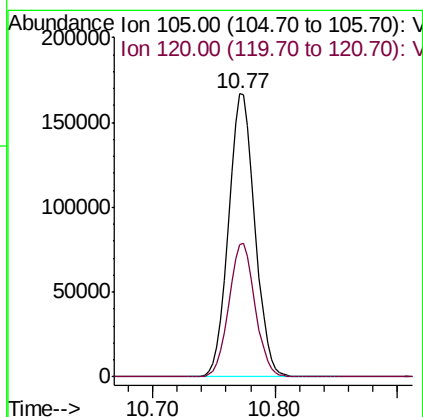
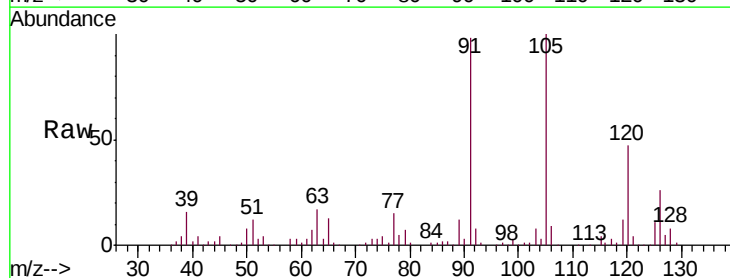
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MSD

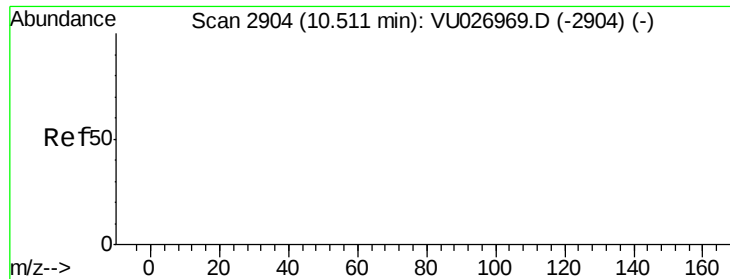
Tgt Ion: 91 Resp: 219363
 Ion Ratio Lower Upper
 91 100
 126 30.8 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 51.165 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU027038.D
 Acq: 22 Sep 2018 23:56

Tgt Ion: 105 Resp: 252274
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 199.845 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

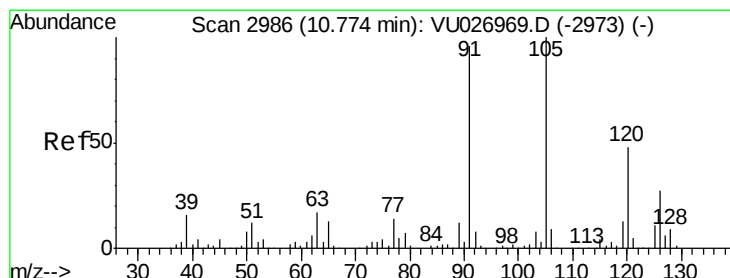
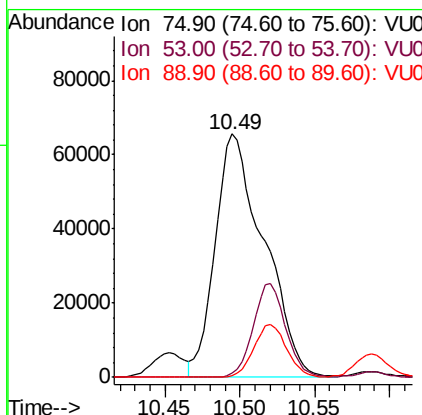
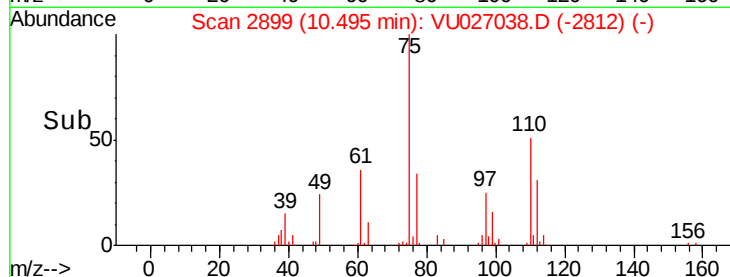
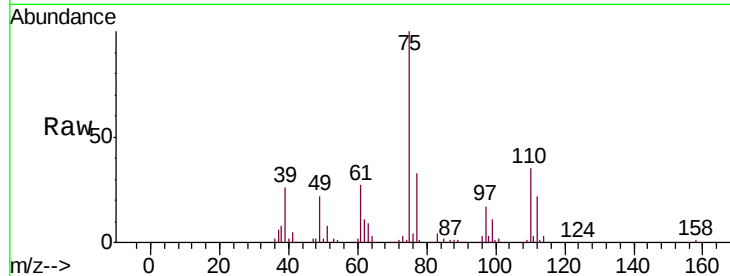
Lab File: VU027038.D

Acq: 22 Sep 2018 23:56

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

Tgt Ion: 75 Resp: 148967

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



#82

4-Chlorotoluene

Concen: 50.067 ug/l

RT: 10.77 min Scan# 2985

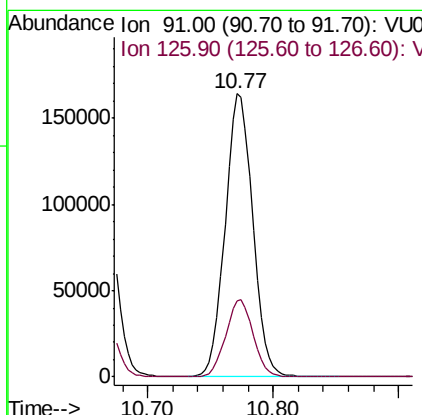
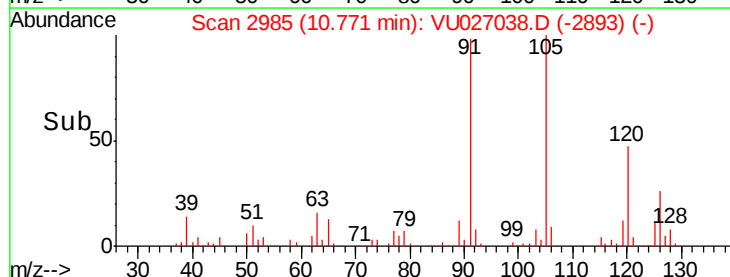
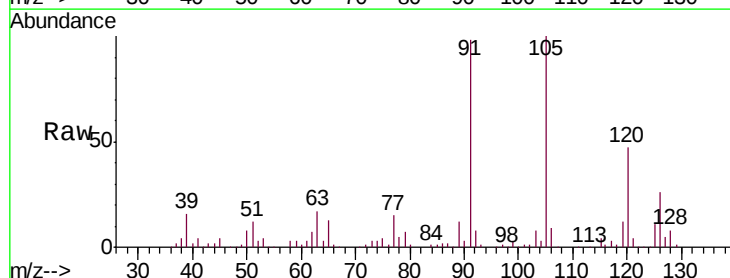
Delta R.T. -0.00 min

Lab File: VU027038.D

Acq: 22 Sep 2018 23:56

Tgt Ion: 91 Resp: 249216

Ion	Ratio	Lower	Upper
91	100		
126	27.2	14.1	42.2

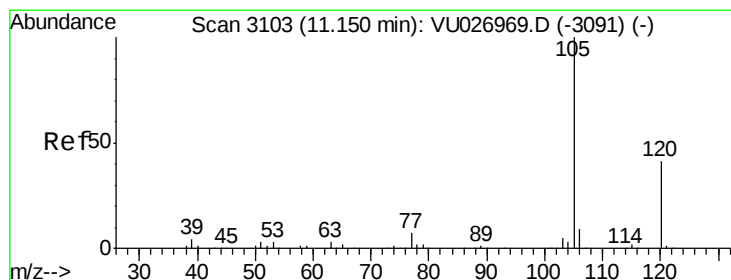
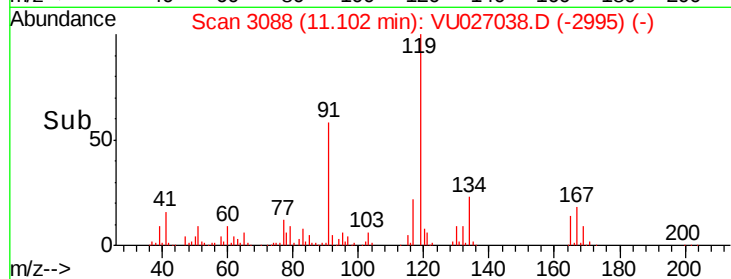
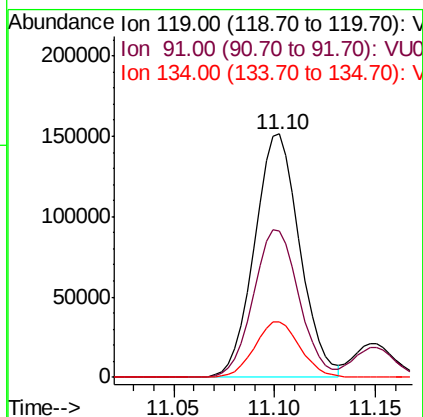
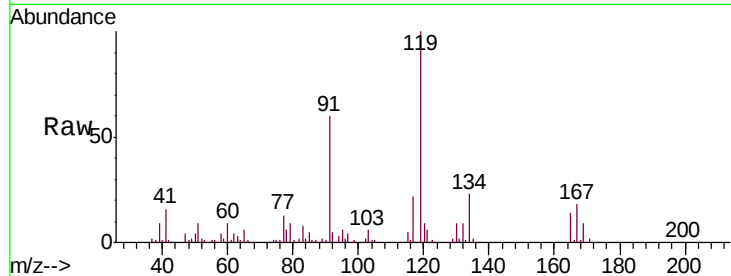




#83
 tert-Butylbenzene
 Concen: 48.690 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027038.D
 Acq: 22 Sep 2018 23:56

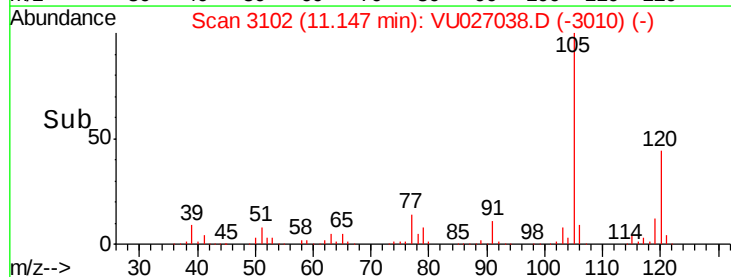
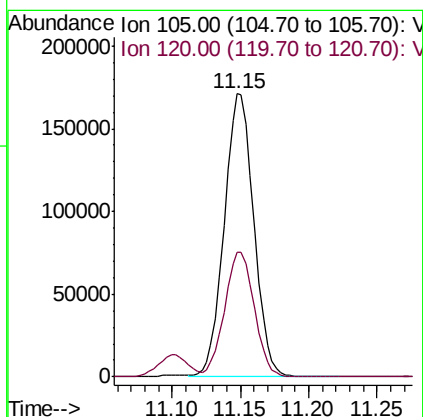
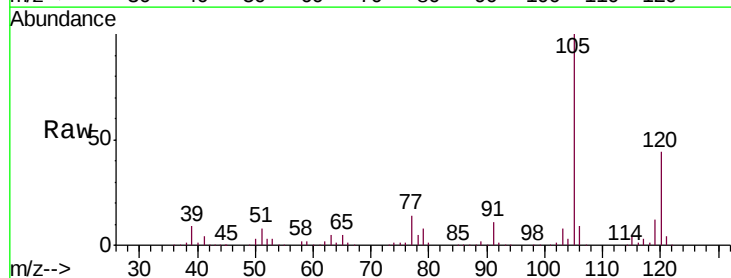
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MSD

Tgt Ion:119 Resp: 237345
 Ion Ratio Lower Upper
 119 100
 91 61.0 29.8 89.4
 134 22.8 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.216 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU027038.D
 Acq: 22 Sep 2018 23:56

Tgt Ion:105 Resp: 256990
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.4 67.2

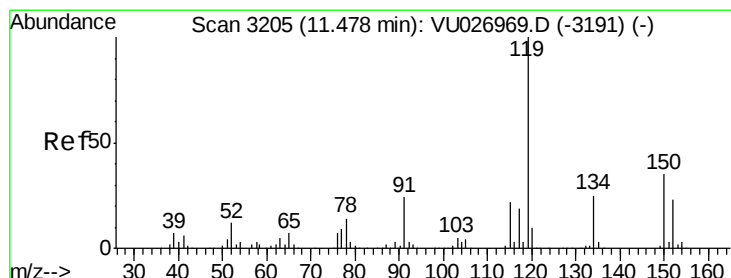
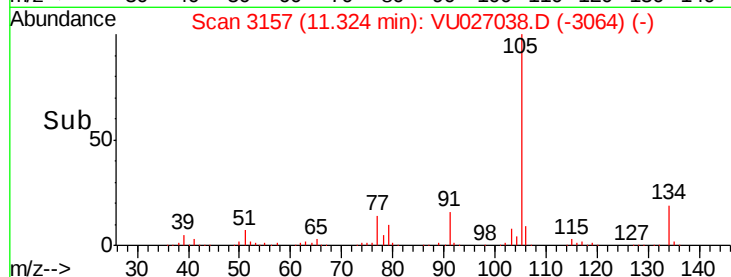
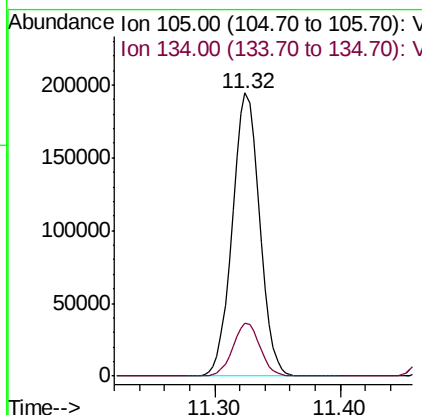
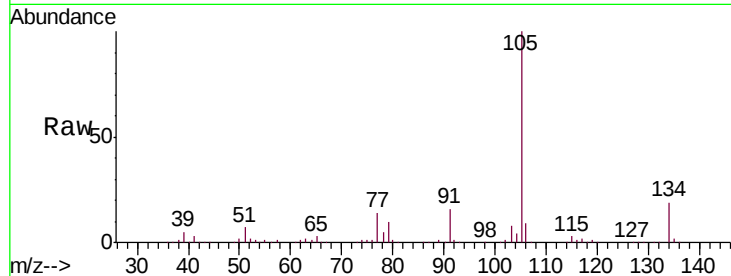




#85
 sec-Butylbenzene
 Concen: 49.390 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027038.D
 Acq: 22 Sep 2018 23:56

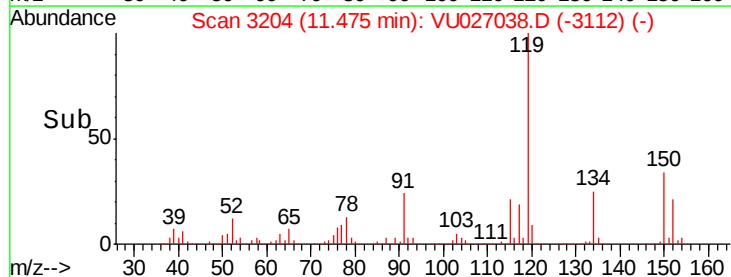
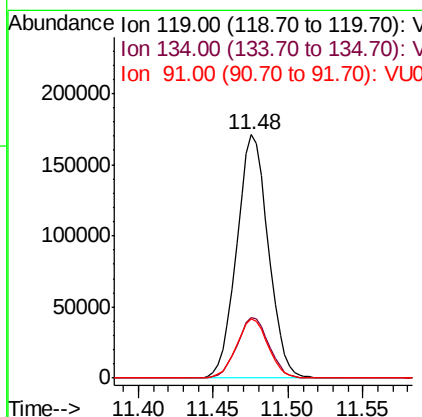
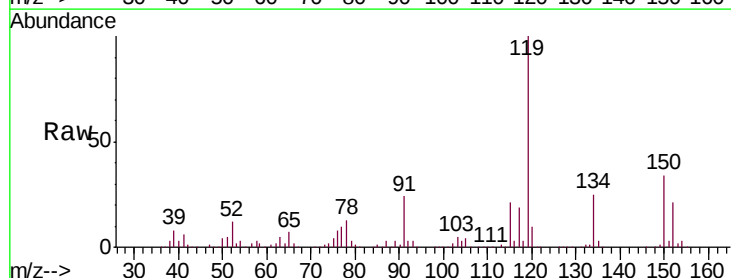
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MSD

Tgt Ion:105 Resp: 293895
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 44.980 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027038.D
 Acq: 22 Sep 2018 23:56

Tgt Ion:119 Resp: 250619
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.8 38.3
 91 24.4 12.3 36.8

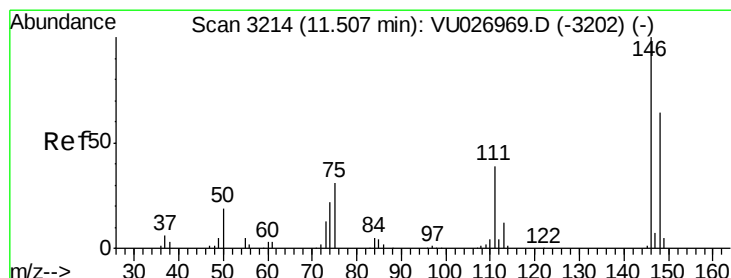
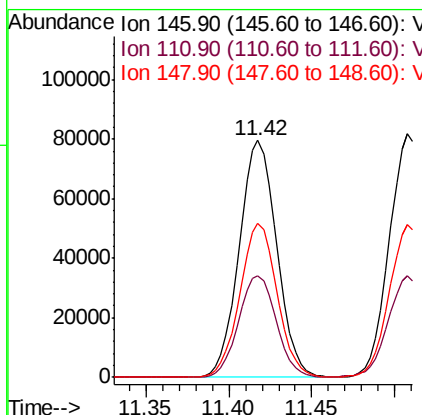
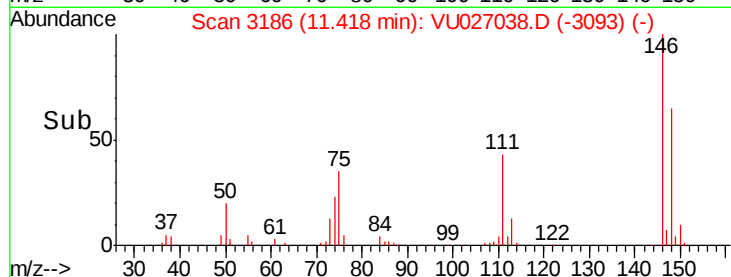
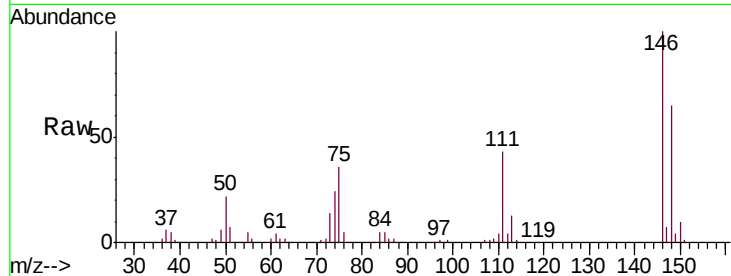




#87
 1,3-Dichlorobenzene
 Concen: 46.169 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027038.D
 Acq: 22 Sep 2018 23:56

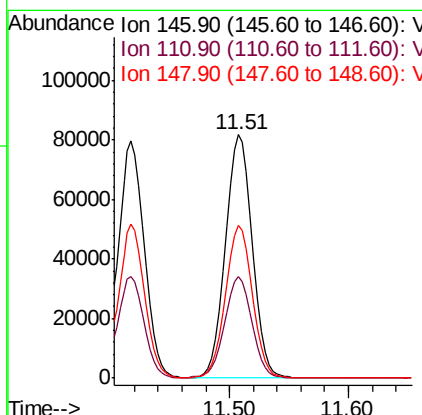
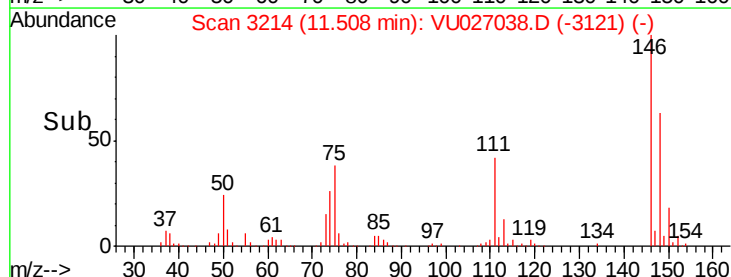
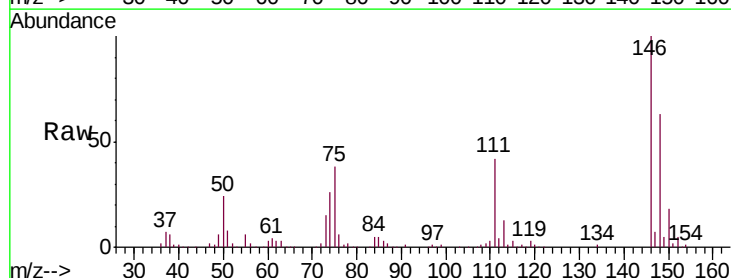
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MSD

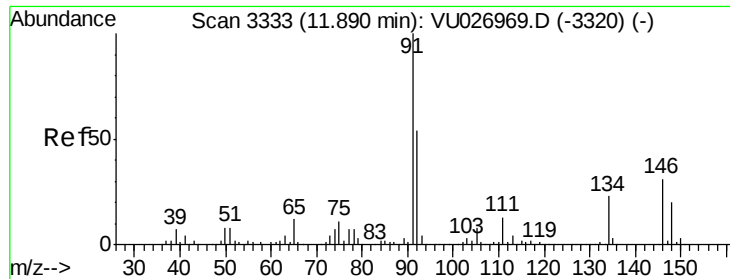
Tgt Ion:146 Resp: 125402
 Ion Ratio Lower Upper
 146 100
 111 43.0 20.8 62.2
 148 64.2 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 43.231 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027038.D
 Acq: 22 Sep 2018 23:56

Tgt Ion:146 Resp: 127978
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.3 60.9
 148 62.8 31.9 95.9

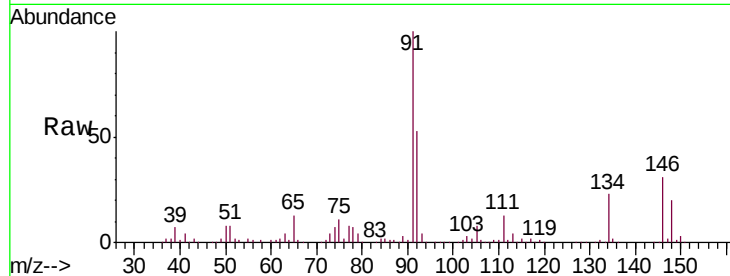




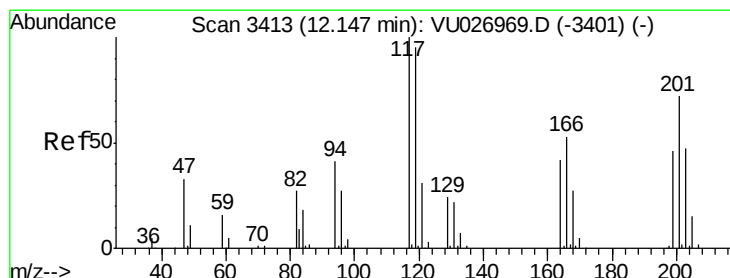
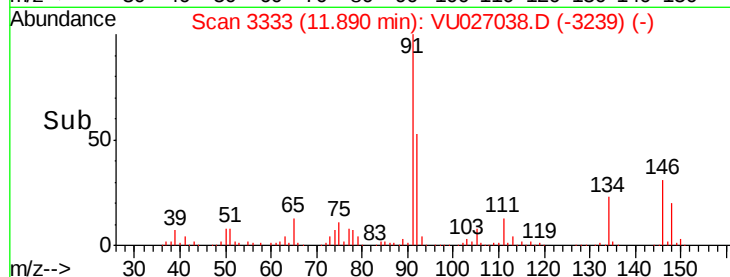
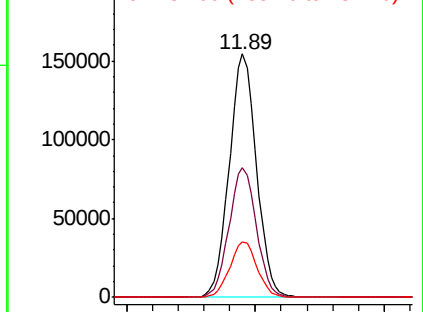
#89
n-Butylbenzene
Concen: 42.113 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027038.D
Acq: 22 Sep 2018 23:56

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

Tgt Ion: 91 Resp: 225796
Ion Ratio Lower Upper
91 100
92 53.7 27.1 81.2
134 23.0 11.7 35.0

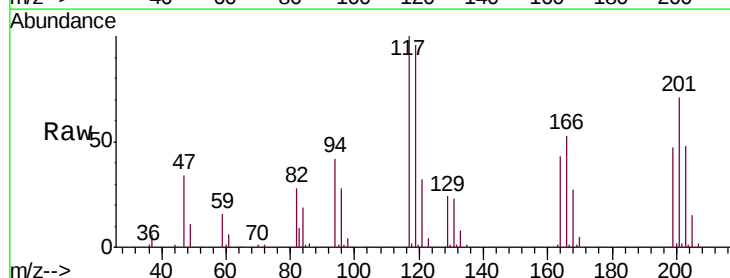


Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-3320) (-)
Ion 92.00 (91.70 to 92.70): VU026969.D (-3320) (-)
Ion 134.00 (133.70 to 134.70): VU026969.D (-3320) (-)

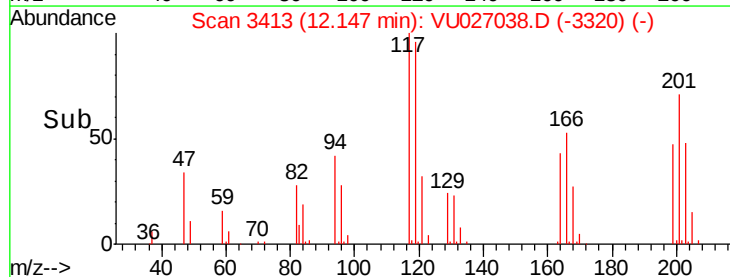
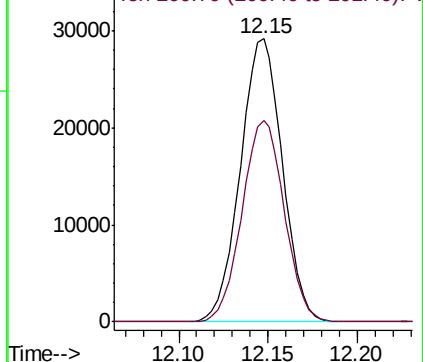


#90
Hexachloroethane
Concen: 44.390 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU027038.D
Acq: 22 Sep 2018 23:56

Tgt Ion: 117 Resp: 48033
Ion Ratio Lower Upper
117 100
201 71.4 36.8 110.3



Abundance Ion 116.80 (116.50 to 117.50): VU026969.D (-3401) (-)
Ion 200.70 (200.40 to 201.40): VU026969.D (-3401) (-)

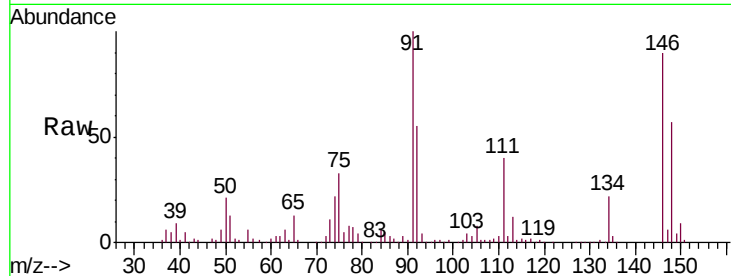




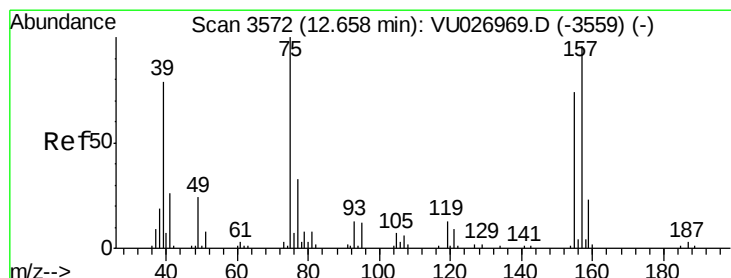
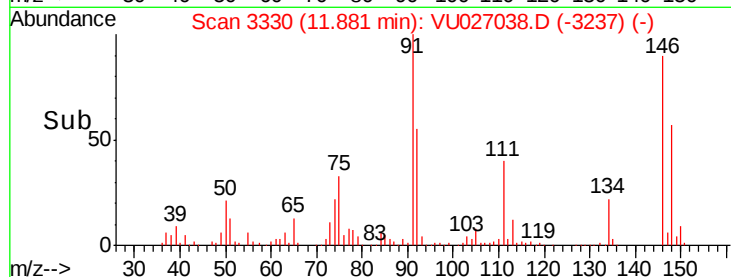
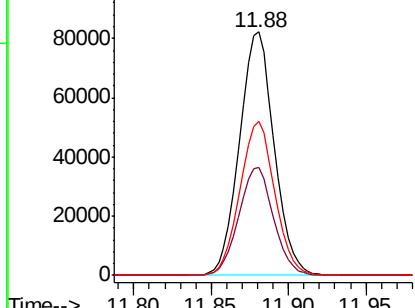
#91
 1,2-Dichlorobenzene
 Concen: 44.485 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027038.D
 Acq: 22 Sep 2018 23:56

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MSD

Tgt Ion: 146 Resp: 128351
 Ion Ratio Lower Upper
 146 100
 111 44.3 21.8 65.3
 148 63.4 31.9 95.7

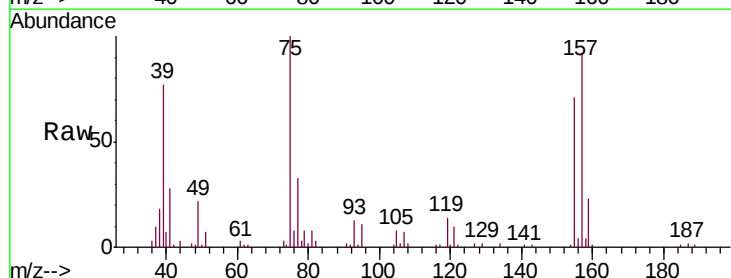


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

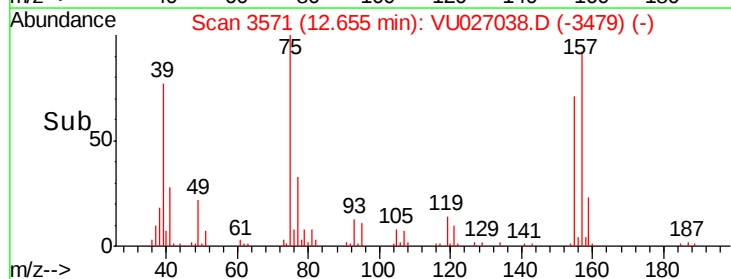
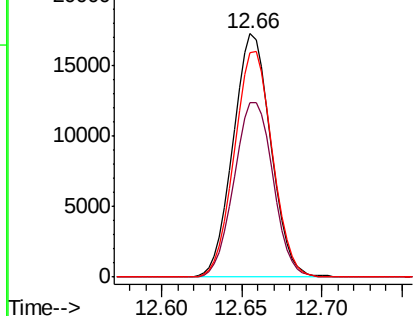


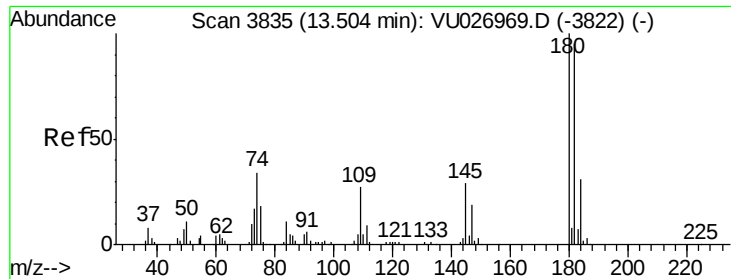
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.596 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU027038.D
 Acq: 22 Sep 2018 23:56

Tgt Ion: 75 Resp: 27786
 Ion Ratio Lower Upper
 75 100
 155 73.8 36.6 109.8
 157 92.9 47.4 142.2



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

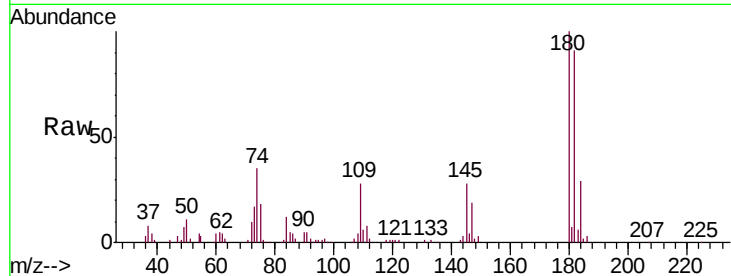




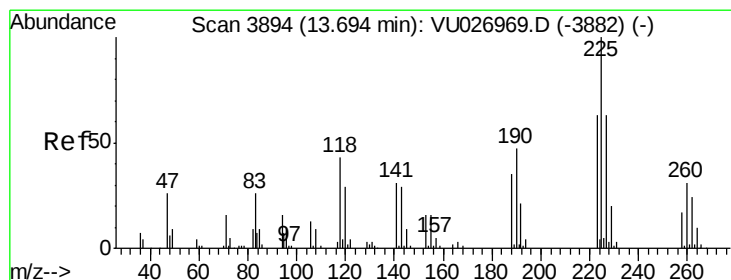
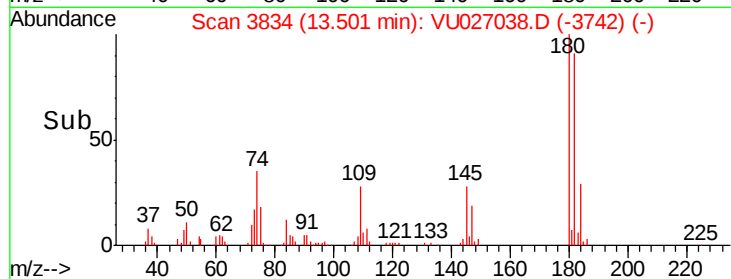
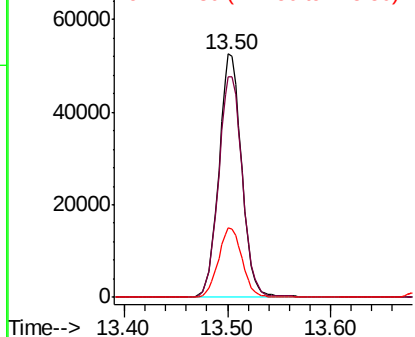
#93
 1,2,4-Trichlorobenzene
 Concen: 48.481 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. -0.00 min
 Lab File: VU027038.D
 Acq: 22 Sep 2018 23:56

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MSD

Tgt Ion:180 Resp: 80607
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.4 142.2
 145 29.5 14.9 44.5

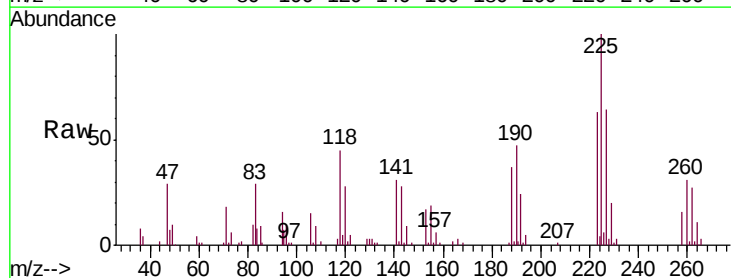


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

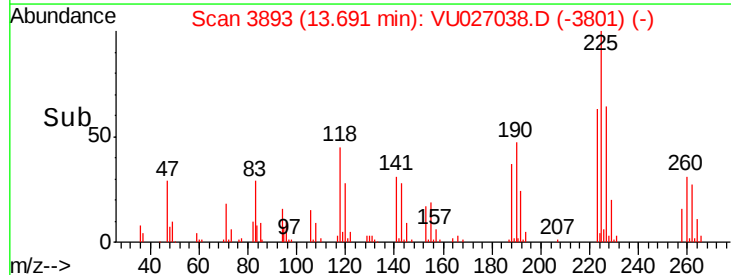
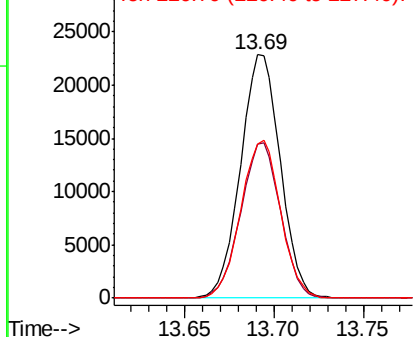


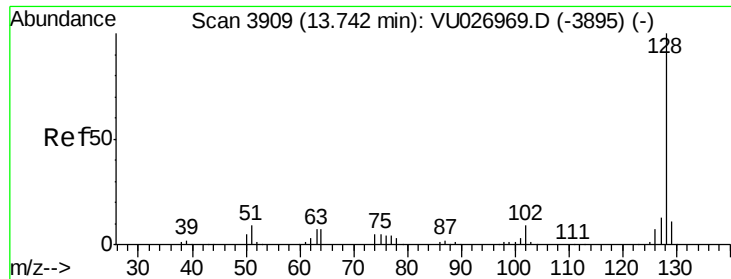
#94
 Hexachlorobutadiene
 Concen: 40.556 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU027038.D
 Acq: 22 Sep 2018 23:56

Tgt Ion:225 Resp: 35679
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.9 95.7
 227 64.9 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

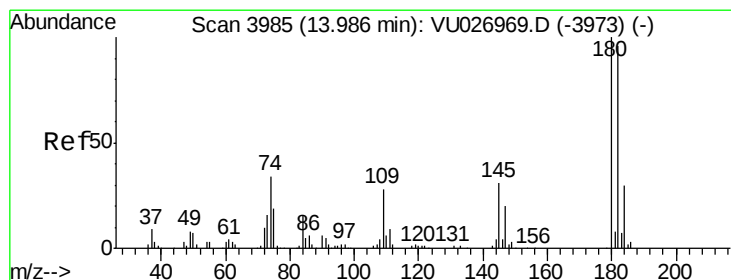
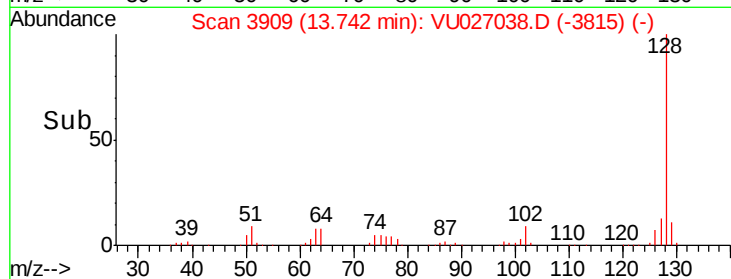
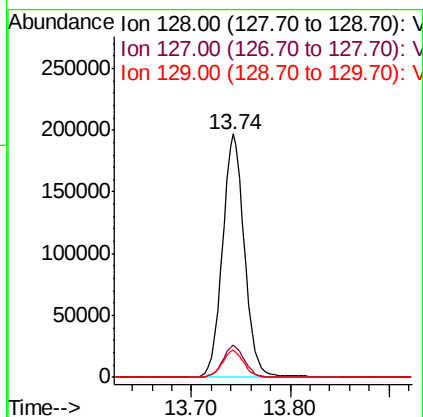
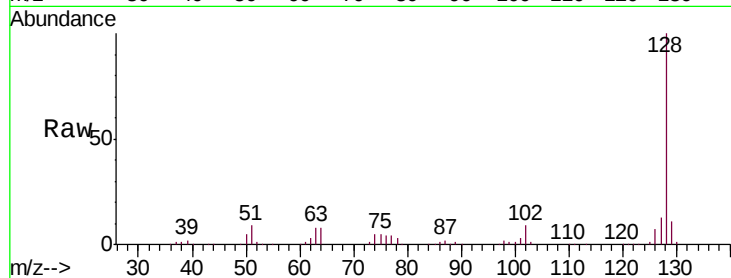




#95
Naphthalene
Concen: 47.567 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027038.D
Acq: 22 Sep 2018 23:56

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

Tgt Ion:128 Resp: 308667
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 48.493 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027038.D
Acq: 22 Sep 2018 23:56

Tgt Ion:180 Resp: 86464
Ion Ratio Lower Upper
180 100
182 96.3 47.5 142.5
145 32.9 15.4 46.4

