

Data File : VU027037.D
Acq On : 22 Sep 2018 23:33
Operator : MD/SY
Sample : J4958-02MS
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 77 Sample Multiplier: 1

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

Quant Time: Sep 24 02:54:58 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	4.99	168	77832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	135924	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	134666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	74727	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	85972	54.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.76%	
35) Dibromofluoromethane	4.88	113	59954	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
50) Toluene-d8	7.57	98	232114	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
62) 4-Bromofluorobenzene	10.31	95	82469	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	46716	45.971	ug/l	98
3) Chloromethane	1.33	50	84166	48.039	ug/l	100
4) Vinyl Chloride	1.40	62	79758	48.768	ug/l	99
5) Bromomethane	1.62	94	44106	47.358	ug/l	98
6) Chloroethane	1.69	64	52543	50.283	ug/l	100
7) Trichlorofluoromethane	1.88	101	90191	48.556	ug/l	99
8) Diethyl Ether	2.10	74	45567	50.966	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.29	101	51165	44.799	ug/l	98
10) Methyl Iodide	2.41	142	55766	39.369	ug/l	99
11) Tert butyl alcohol	2.83	59	101451	282.552	ug/l	99
12) 1,1-Dichloroethene	2.28	96	53157	49.449	ug/l	99
13) Acrolein	2.20	56	48030	248.149	ug/l	100
14) Allyl chloride	2.59	41	116694	53.522	ug/l	99
15) Acrylonitrile	2.94	53	247506	273.502	ug/l	98
16) Acetone	2.32	43	226017	273.156	ug/l	98
17) Carbon Disulfide	2.48	76	165524	47.267	ug/l	100
18) Methyl Acetate	2.62	43	114748	51.465	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	220047	55.704	ug/l	99
20) Methylene Chloride	2.70	84	68729	48.990	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	58058	50.586	ug/l	99
22) Diisopropyl ether	3.58	45	265585	56.950	ug/l	97
23) Vinyl Acetate	3.53	43	1048018	263.636	ug/l	99
24) 1,1-Dichloroethane	3.45	63	136405	53.108	ug/l	98
25) 2-Butanone	4.26	43	355779	270.253	ug/l	99
26) 2,2-Dichloropropane	4.23	77	88639	44.251	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	67535	52.104	ug/l	98
28) Bromochloromethane	4.55	49	71708	57.917	ug/l	94
29) Tetrahydrofuran	4.64	42	233050	292.639	ug/l	97
30) Chloroform	4.67	83	123793	51.923	ug/l	99
31) Cyclohexane	5.00	56	116337	49.826	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	100231	52.654	ug/l	99
36) 1,1-Dichloropropene	5.14	75	90779	50.042	ug/l	98
37) Ethyl Acetate	4.38	43	117459	47.830	ug/l	99
38) Carbon Tetrachloride	5.14	117	83653	48.457	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	91986	46.661	ug/l	99
40) Benzene	5.39	78	275118	49.888	ug/l	100
41) Methacrylonitrile	4.54	41	72195	56.606	ug/l	99
42) 1,2-Dichloroethane	5.40	62	106900	51.307	ug/l	99
43) Isopropyl Acetate	5.55	43	186740	52.141	ug/l	99
44) Trichloroethene	6.19	130	58060	49.454	ug/l	99
45) 1,2-Dichloropropane	6.43	63	81802	52.059	ug/l	100
46) Dibromomethane	6.56	93	47389	49.936	ug/l	97
47) Bromodichloromethane	6.76	83	94403	49.196	ug/l	99
48) Methyl methacrylate	6.62	41	100427	51.489	ug/l	98
49) 1,4-Dioxane	6.61	88	41514	1072.498	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	681160	282.789	ug/l	100
52) Toluene	7.64	92	165774	52.443	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	108822	52.782	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	110714	48.839	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	67154	50.137	ug/l	99
56) Ethyl methacrylate	8.02	69	114336	49.233	ug/l	98
57) 1,3-Dichloropropane	8.24	76	130420	52.353	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.27	63	578	5.291	ug/l #	52
59) 2-Hexanone	8.36	43	523491	277.641	ug/l	100
60) Dibromochloromethane	8.48	129	66961	50.967	ug/l	97
61) 1,2-Dibromoethane	8.59	107	70042	50.259	ug/l	100
64) Tetrachloroethene	8.23	164	46707	45.010	ug/l	98
65) Chlorobenzene	9.12	112	168473	47.182	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	61375	49.904	ug/l	99
67) Ethyl Benzene	9.25	91	306702	52.235	ug/l	100
68) m/p-Xylenes	9.38	106	226470	95.311	ug/l	98
69) o-Xylene	9.78	106	110019	52.884	ug/l	98
70) Styrene	9.79	104	184273	47.532	ug/l	100
71) Bromoform	9.96	173	48081	50.555	ug/l #	99
73) Isopropylbenzene	10.17	105	293100	51.562	ug/l	100
74) N-amyl acetate	10.02	43	162589	49.414	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	119779	45.830	ug/l	98
76) 1,2,3-Trichloropropane	10.49	75	145126	63.927	ug/l	81
77) Bromobenzene	10.45	156	67462	48.566	ug/l	96
78) n-propylbenzene	10.59	91	353947	52.624	ug/l	99
79) 2-Chlorotoluene	10.66	91	213047	50.428	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	245766	52.376	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	145126	204.577	ug/l #	100
82) 4-Chlorotoluene	10.77	91	241078	50.891	ug/l	100
83) tert-Butylbenzene	11.10	119	235697	50.806	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	252928	52.965	ug/l	99
85) sec-Butylbenzene	11.32	105	288800	50.998	ug/l	99
86) p-Isopropyltoluene	11.48	119	248014	46.736	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	123861	47.917	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	124546	44.208	ug/l	99
89) n-Butylbenzene	11.89	91	223409	43.689	ug/l	100
90) Hexachloroethane	12.15	117	48171	46.777	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	125566	45.730	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	27012	50.663	ug/l	98

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

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ClientSampleId :
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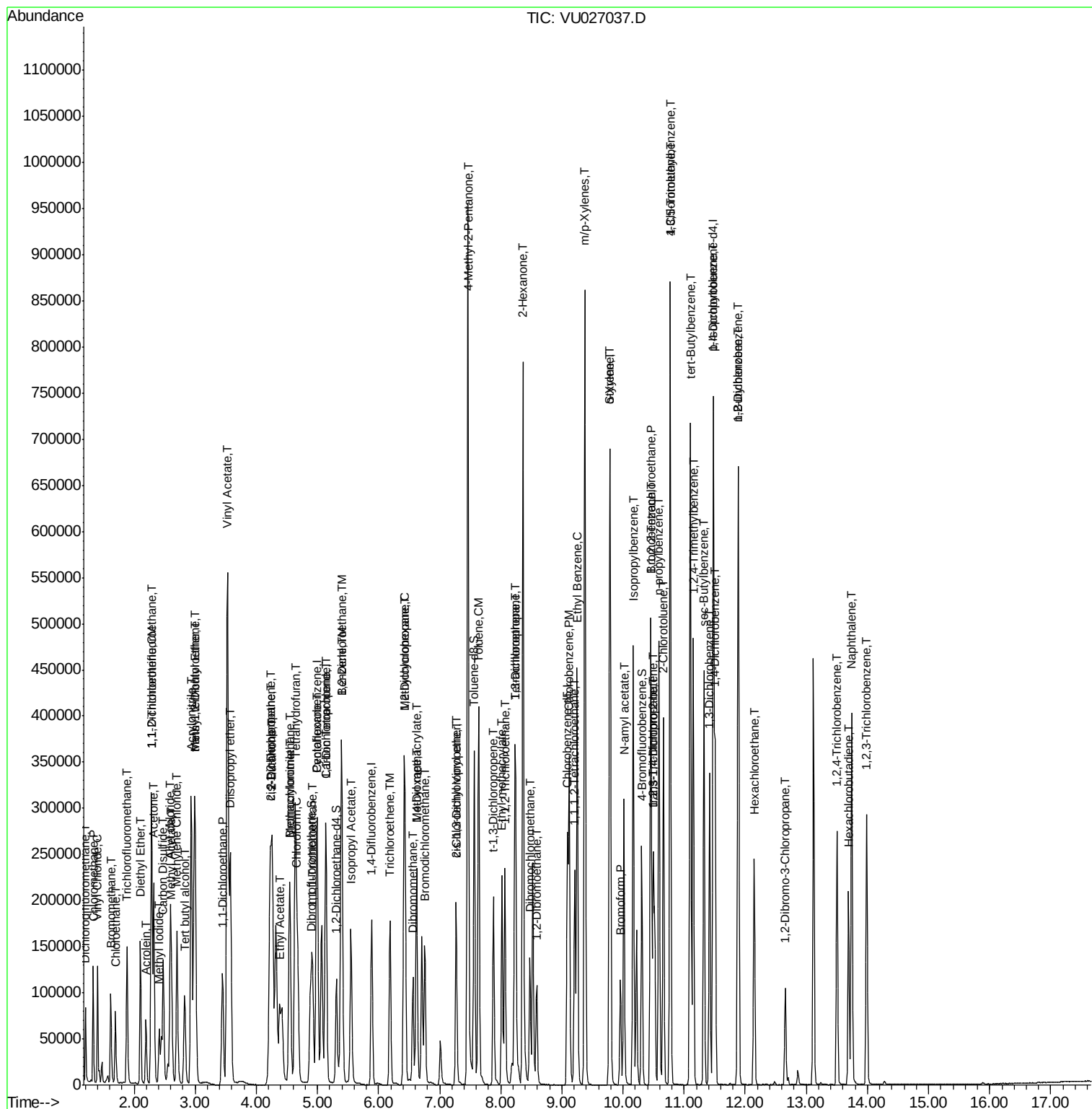
Quant Time: Sep 24 02:54:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

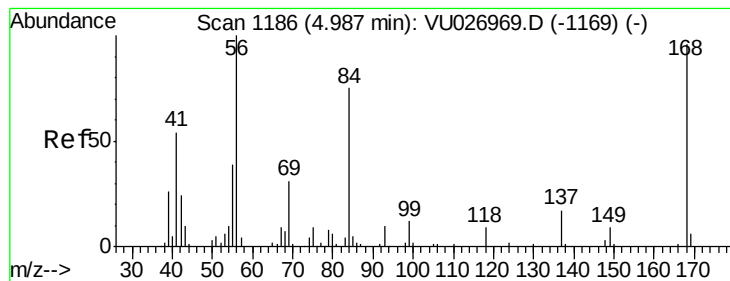
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	79217	50.064	ug/l	98
94) Hexachlorobutadiene	13.69	225	36003	43.002	ug/l	99
95) Naphthalene	13.74	128	294941	47.752	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	85116	50.160	ug/l	99

(#) = 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: 4.99 min Scan# 1186

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

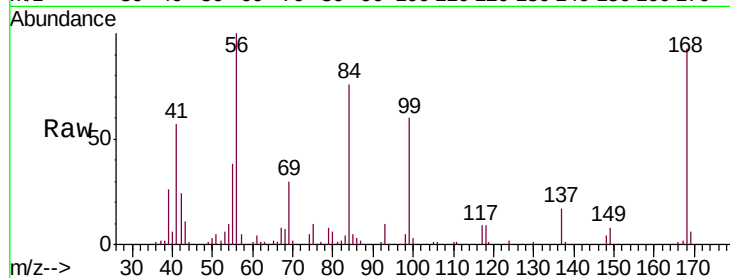
BPSI-TT-MW308D-20180914MS

Tgt Ion:168 Resp: 77832

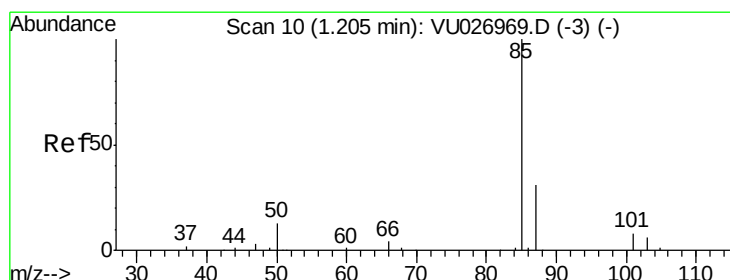
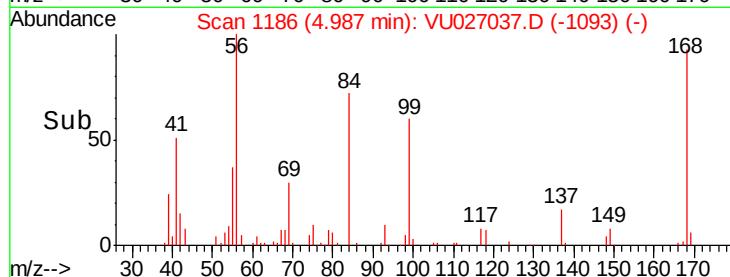
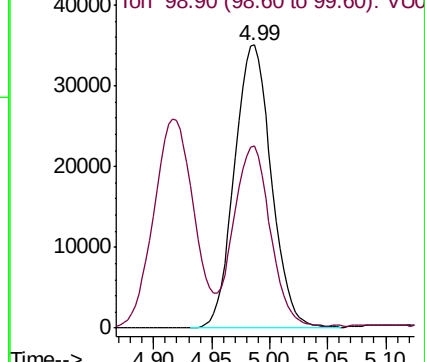
Ion Ratio Lower Upper

168 100

99 63.3 48.1 72.1



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



#2

Dichlorodifluoromethane

Concen: 45.971 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU027037.D

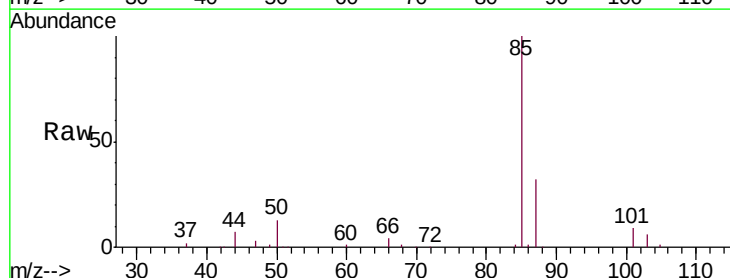
Acq: 22 Sep 2018 23:33

Tgt Ion: 85 Resp: 46716

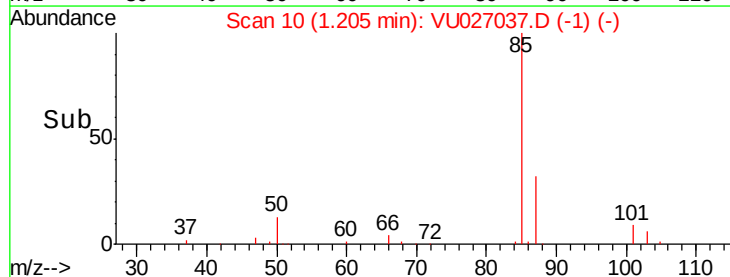
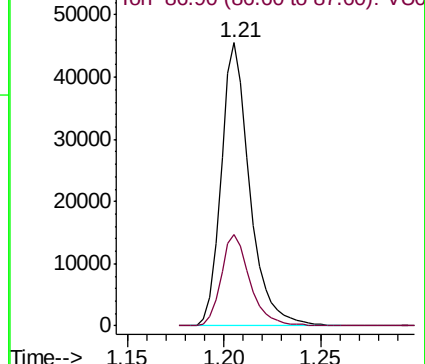
Ion Ratio Lower Upper

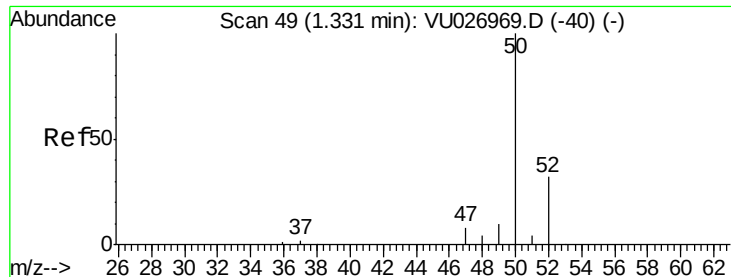
85 100

87 32.4 15.6 46.7



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





#3

Chloromethane

Concen: 48.039 ug/l

RT: 1.33 min Scan# 49

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

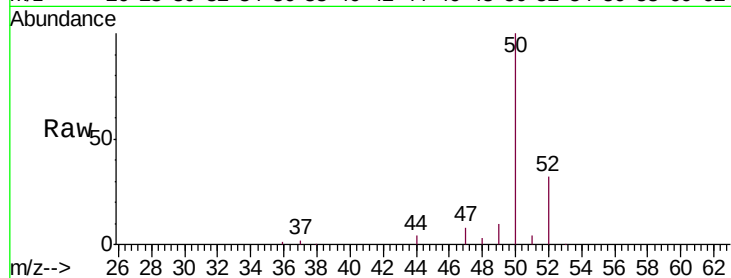
BPSI-TT-MW308D-20180914MS

Tgt Ion: 50 Resp: 84166

Ion Ratio Lower Upper

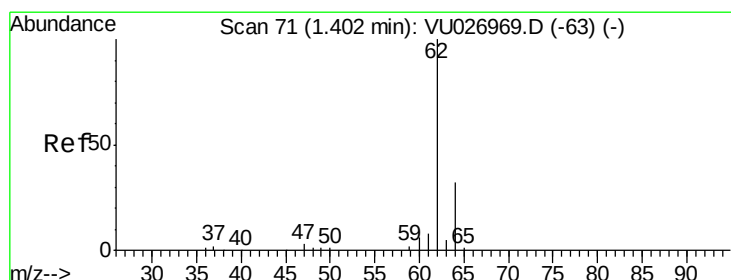
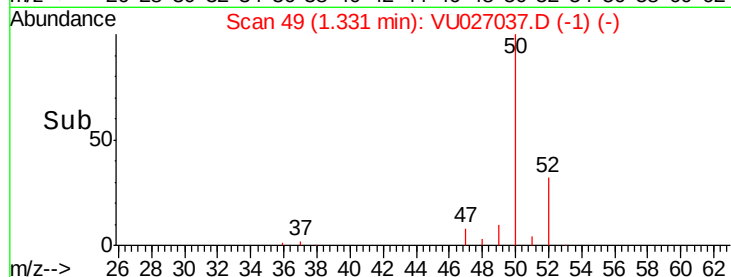
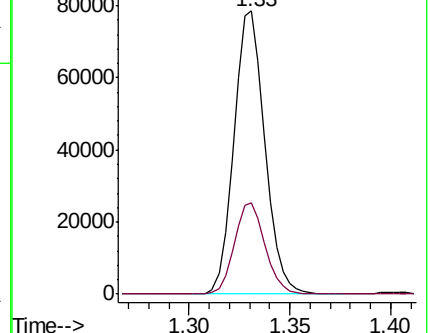
50 100

52 32.2 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VU026969.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU027037.D (-1) (-)



#4

Vinyl Chloride

Concen: 48.768 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027037.D

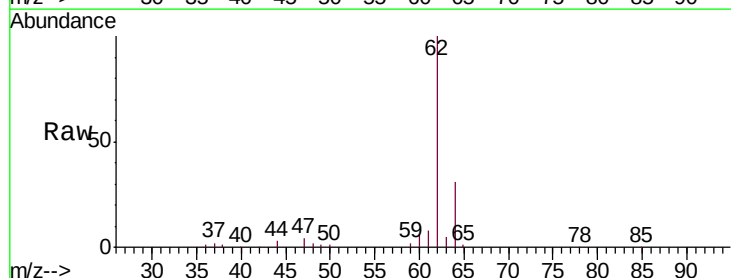
Acq: 22 Sep 2018 23:33

Tgt Ion: 62 Resp: 79758

Ion Ratio Lower Upper

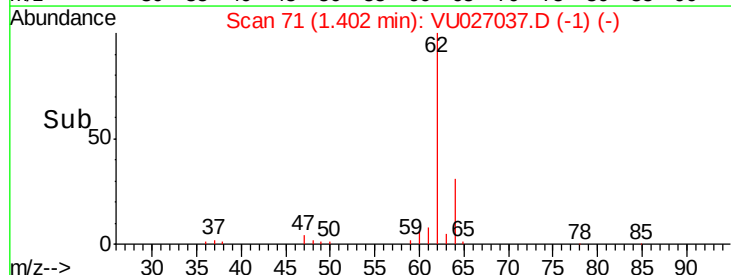
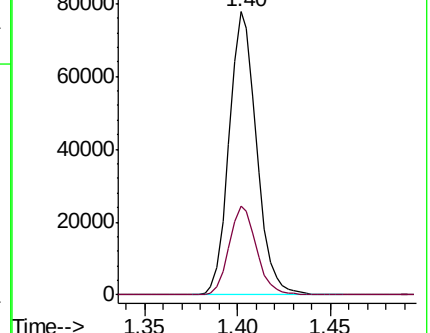
62 100

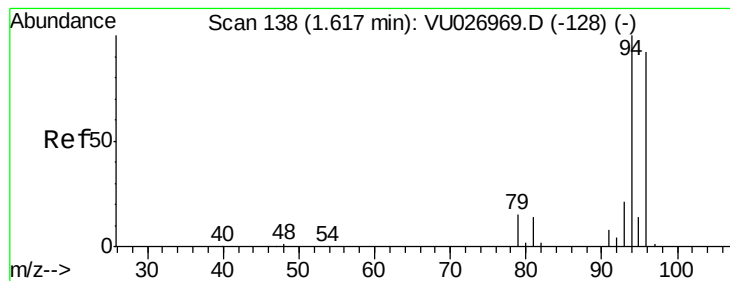
64 31.4 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU026969.D (-63) (-)

Ion 63.90 (63.60 to 64.60): VU027037.D (-1) (-)





#5

Bromomethane

Concen: 47.358 ug/l

RT: 1.62 min Scan# 138

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

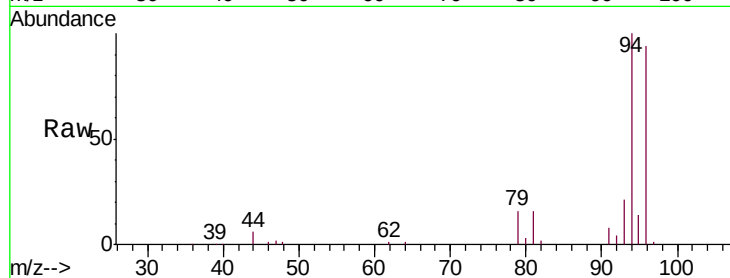
BPSI-TT-MW308D-20180914MS

Tgt Ion: 94 Resp: 44106

Ion Ratio Lower Upper

94 100

96 93.5 73.2 109.8



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

Ion 95.90 (95.60 to 96.60): VU026969.D (-128) (-)

1.62

40000

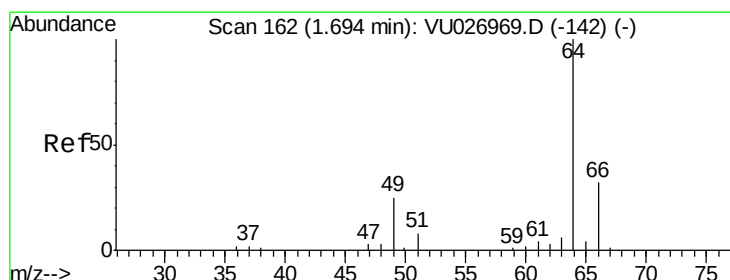
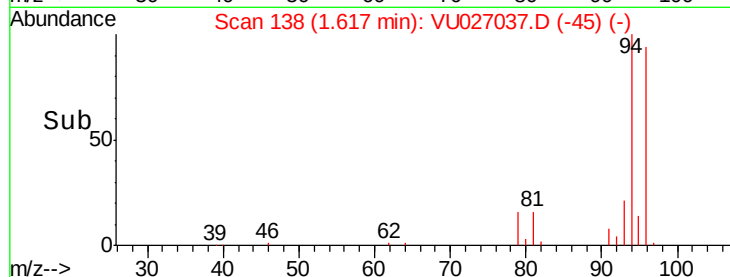
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 50.283 ug/l

RT: 1.69 min Scan# 162

Delta R.T. -0.00 min

Lab File: VU027037.D

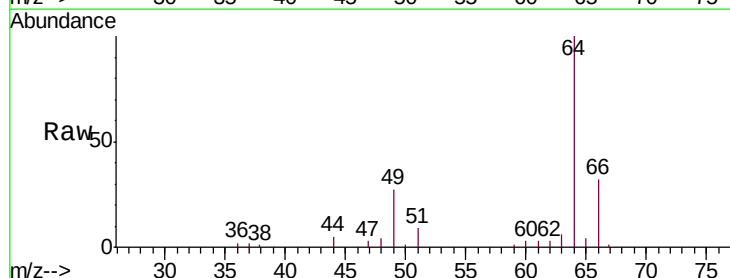
Acq: 22 Sep 2018 23:33

Tgt Ion: 64 Resp: 52543

Ion Ratio Lower Upper

64 100

66 31.8 25.3 37.9



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

Ion 65.90 (65.60 to 66.60): VU026969.D (-142) (-)

1.69

40000

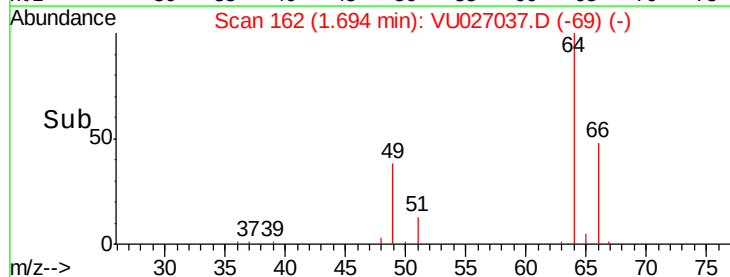
30000

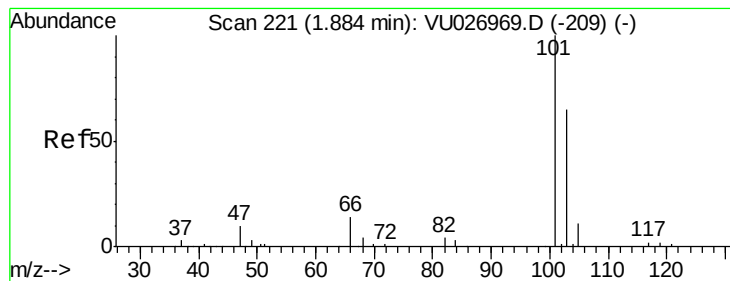
20000

10000

0

Time-->



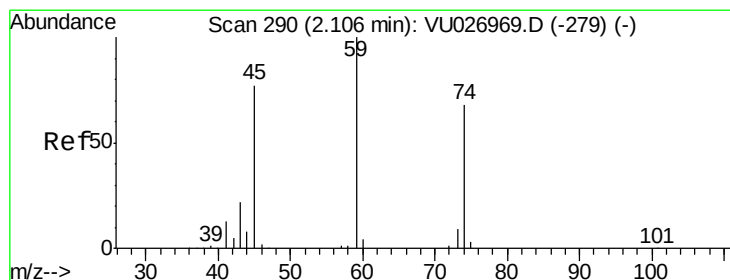
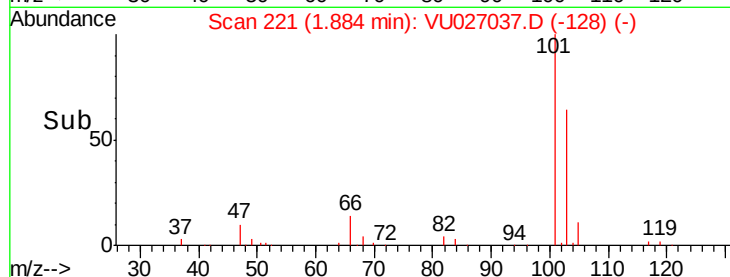
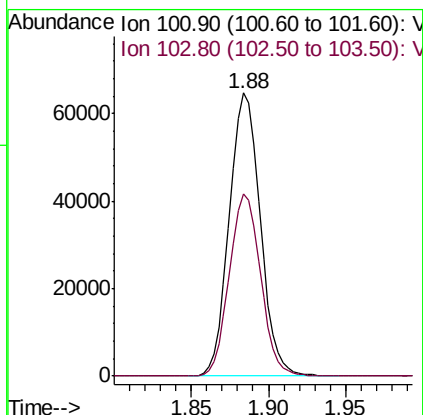
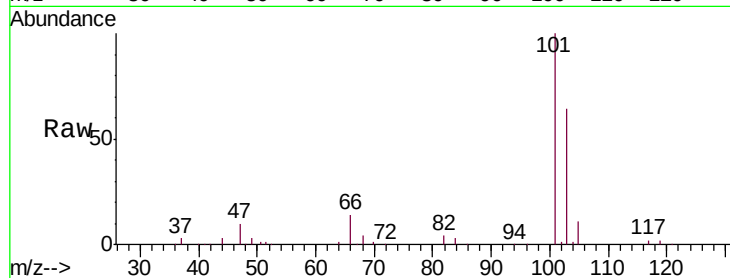


#7

Trichlorofluoromethane
 Concen: 48.556 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VU027037.D
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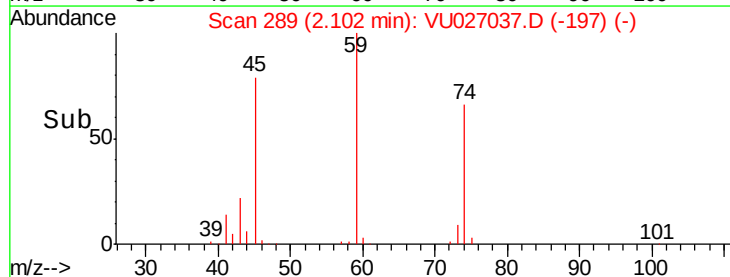
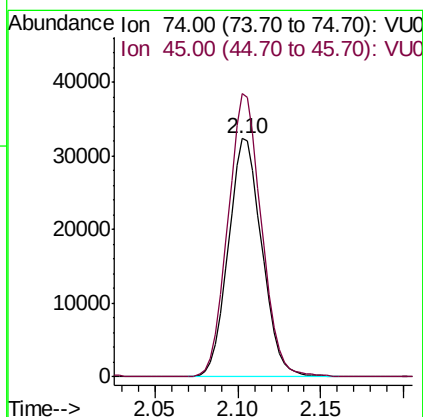
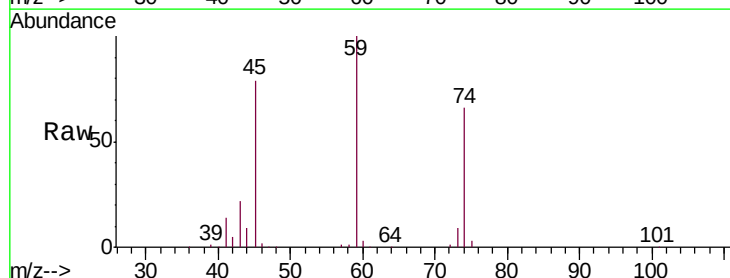
Tgt Ion: 101 Resp: 90191
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.2 78.2

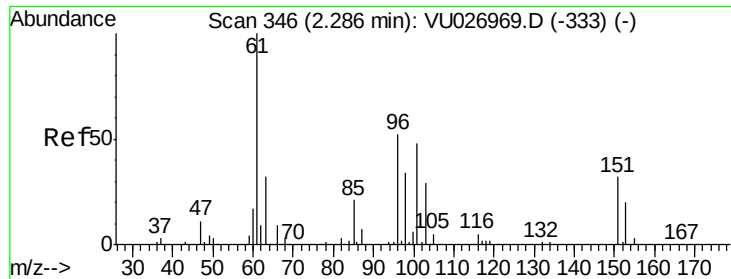


#8

Diethyl Ether
 Concen: 50.966 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Tgt Ion: 74 Resp: 45567
 Ion Ratio Lower Upper
 74 100
 45 119.0 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.799 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MS

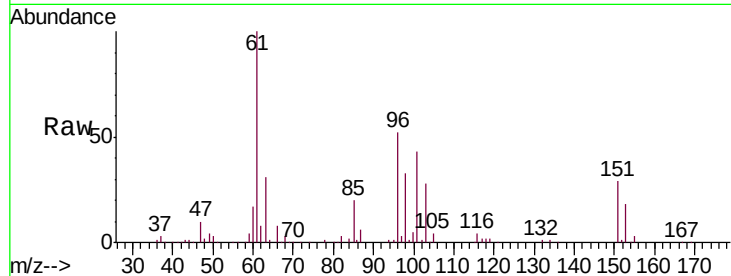
Tgt Ion:101 Resp: 51165

Ion Ratio Lower Upper

101 100

85 47.9 36.2 54.2

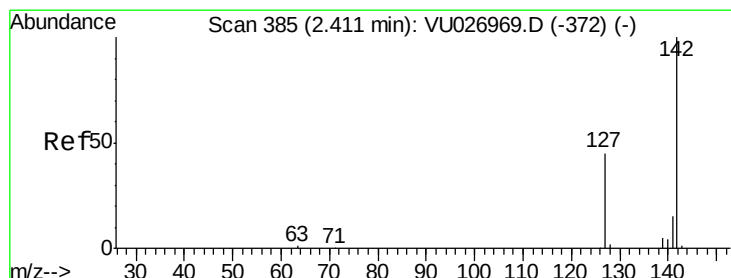
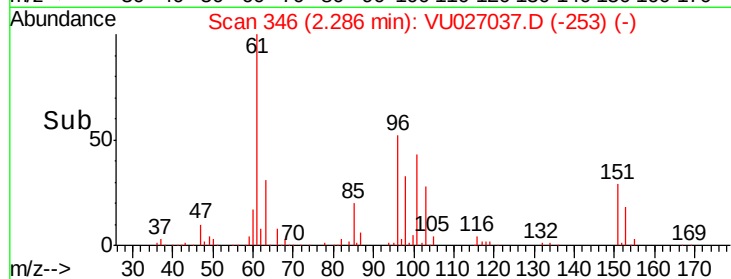
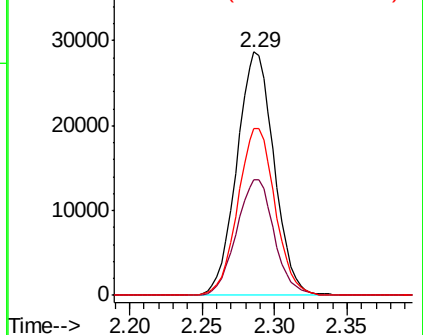
151 68.4 54.5 81.7



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: 39.369 ug/l

RT: 2.41 min Scan# 385

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

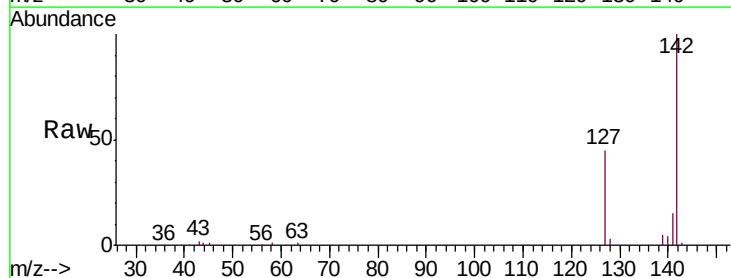
Tgt Ion:142 Resp: 55766

Ion Ratio Lower Upper

142 100

127 45.5 36.7 55.1

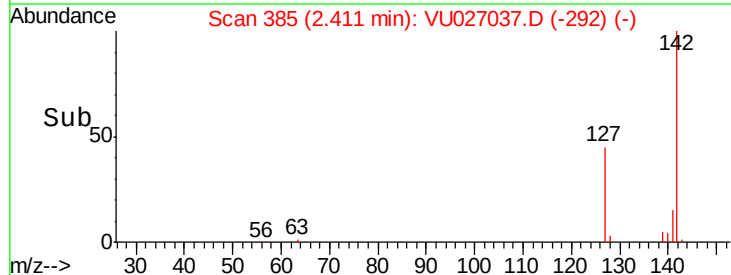
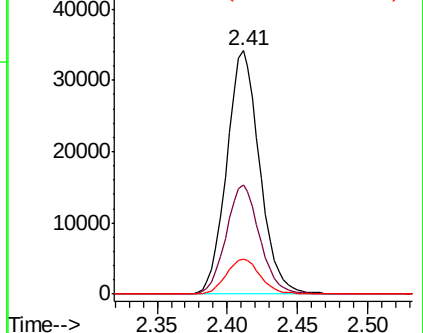
141 14.7 11.8 17.6

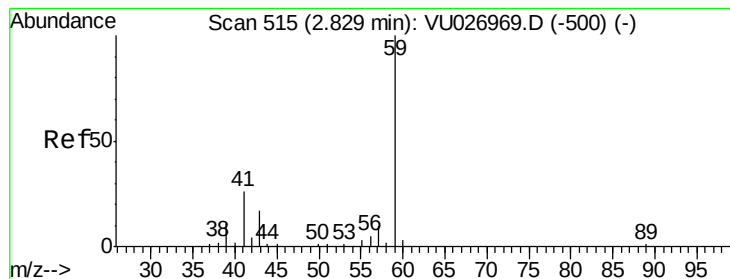


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



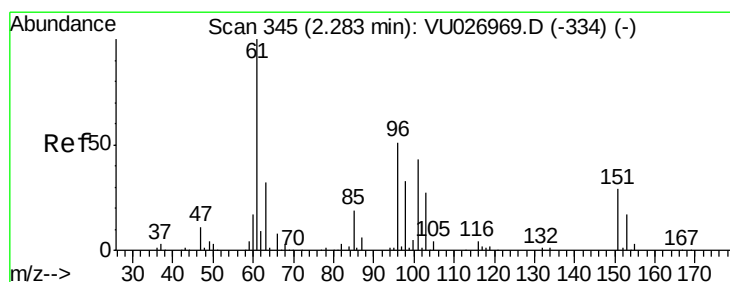
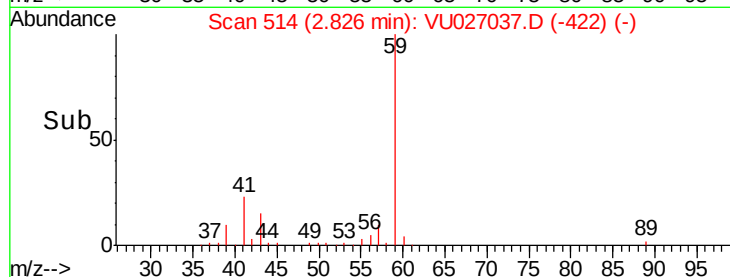
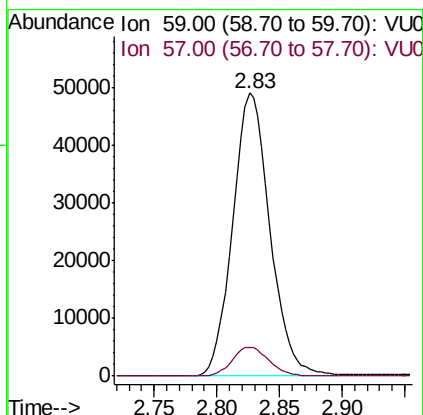
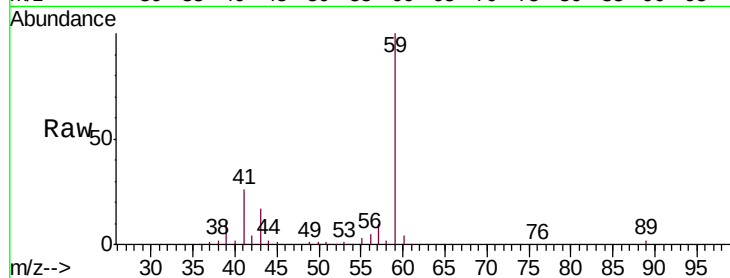


#11

Tert butyl alcohol
Concen: 282.552 ug/l
RT: 2.83 min Scan# 514
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

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

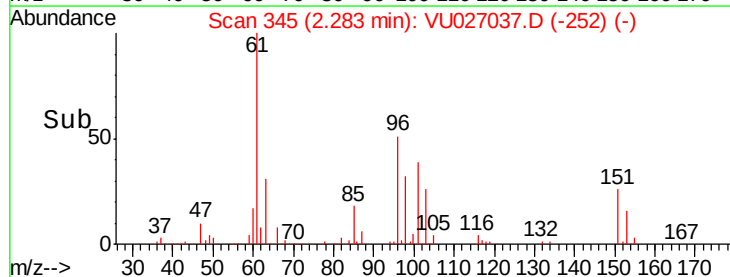
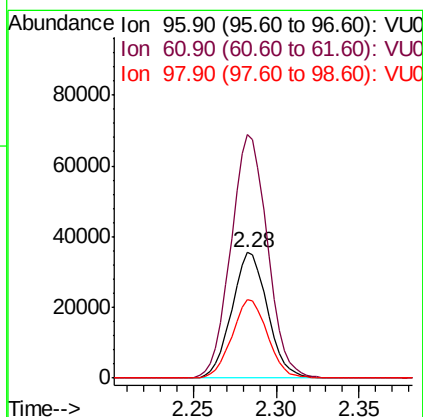
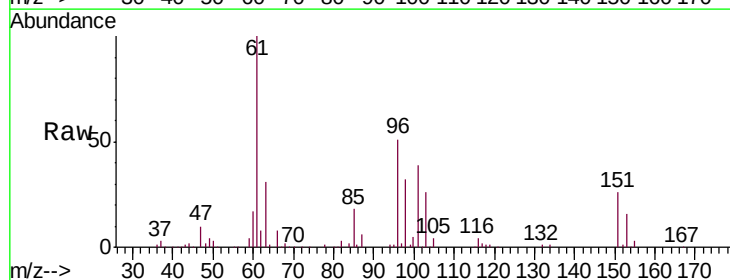
Tgt Ion: 59 Resp: 101451
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7

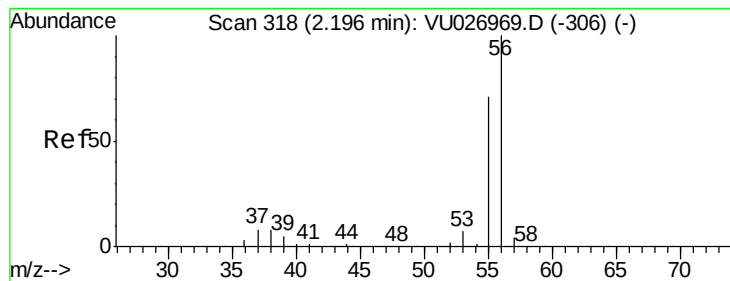


#12

1,1-Dichloroethene
Concen: 49.449 ug/l
RT: 2.28 min Scan# 345
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Tgt Ion: 96 Resp: 53157
Ion Ratio Lower Upper
96 100
61 194.0 156.1 234.1
98 62.5 51.4 77.0





#13

Acrolein

Concen: 248.149 ug/l

RT: 2.20 min Scan# 318

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

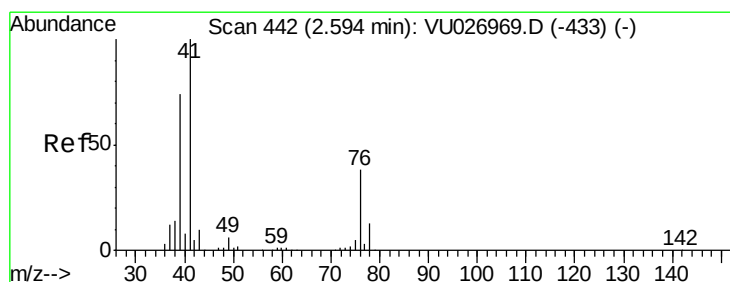
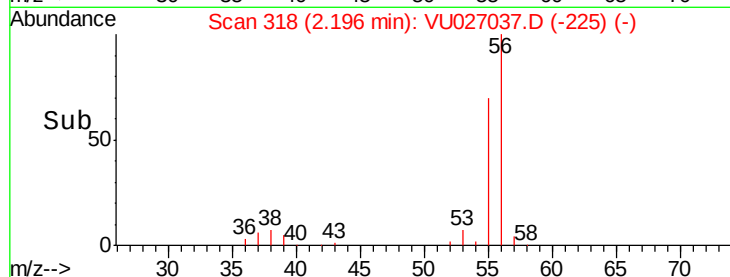
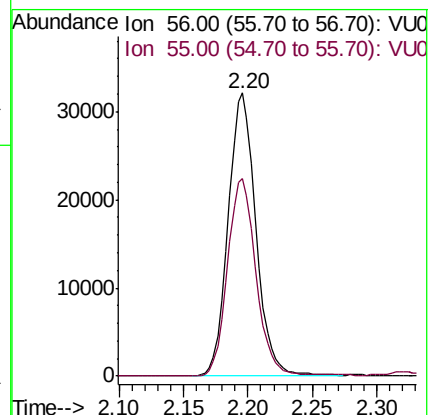
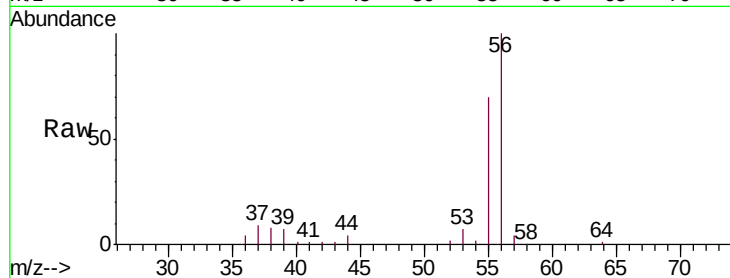
BPSI-TT-MW308D-20180914MS

Tgt Ion: 56 Resp: 48030

Ion Ratio Lower Upper

56 100

55 71.2 57.1 85.7



#14

Allyl chloride

Concen: 53.522 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

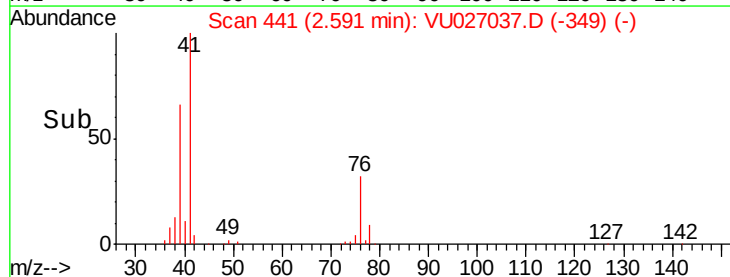
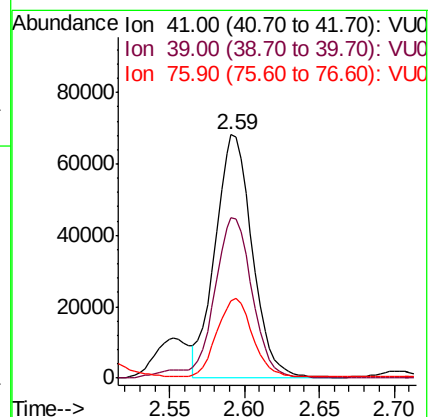
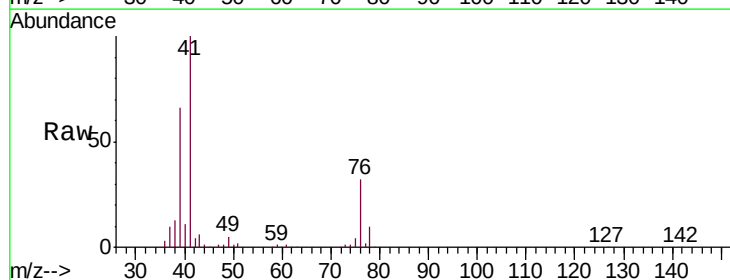
Tgt Ion: 41 Resp: 116694

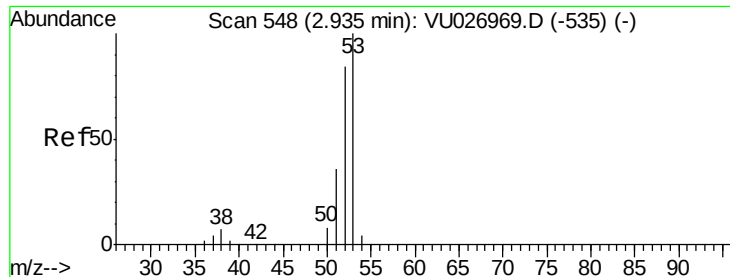
Ion Ratio Lower Upper

41 100

39 69.7 55.7 83.5

76 31.0 26.5 39.7





#15

Acrylonitrile

Concen: 273.502 ug/l

RT: 2.94 min Scan# 548

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MS

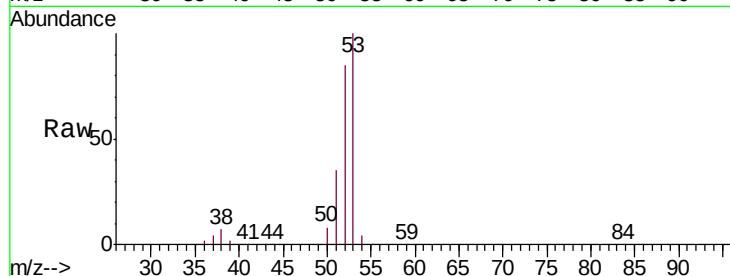
Tgt Ion: 53 Resp: 247506

Ion Ratio Lower Upper

53 100

52 83.8 65.7 98.5

51 34.9 27.4 41.2

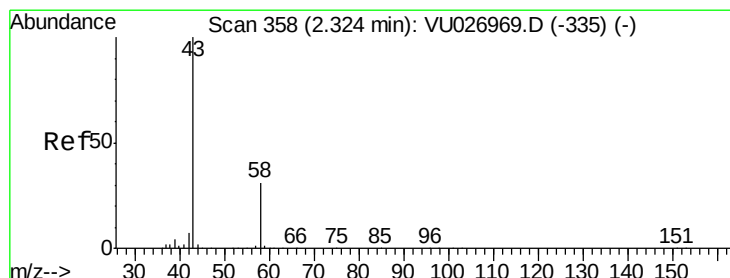
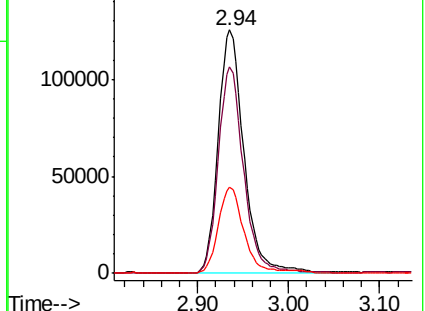
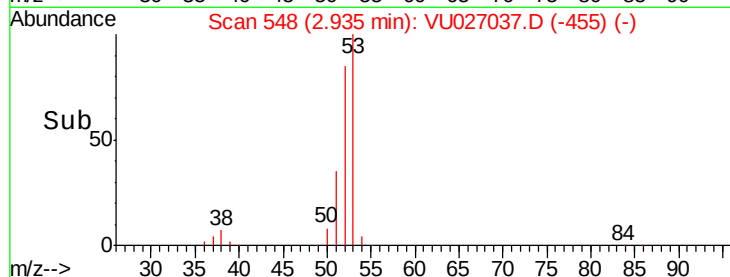


Abundance Ion 53.00 (52.70 to 53.70): VU026969.D (-535) (-)

Ion 52.00 (51.70 to 52.70): VU026969.D (-535) (-)

Ion 51.00 (50.70 to 51.70): VU026969.D (-535) (-)

Time-->



#16

Acetone

Concen: 273.156 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027037.D

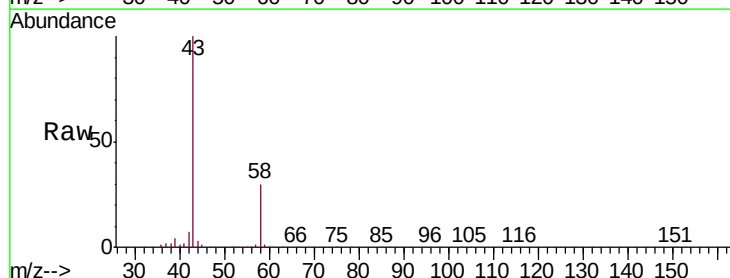
Acq: 22 Sep 2018 23:33

Tgt Ion: 43 Resp: 226017

Ion Ratio Lower Upper

43 100

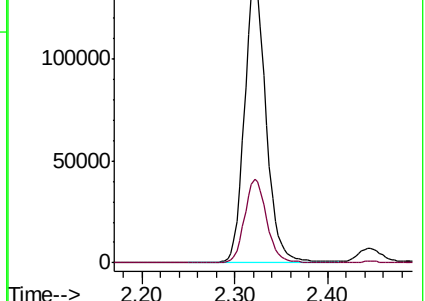
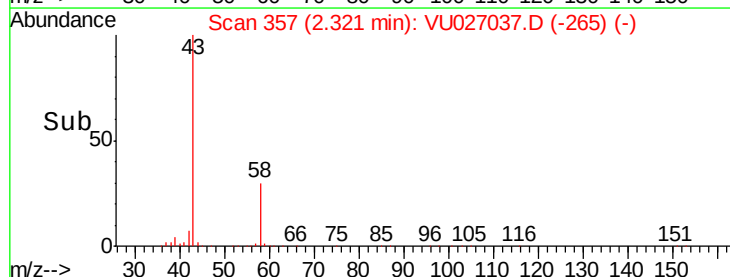
58 29.6 24.6 36.8

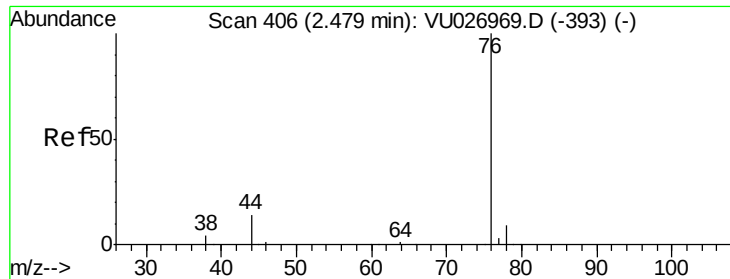


Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VU026969.D (-335) (-)

Time-->





#17

Carbon Disulfide

Concen: 47.267 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

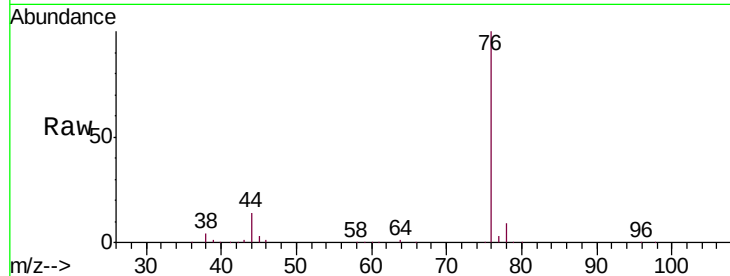
BPSI-TT-MW308D-20180914MS

Tgt Ion: 76 Resp: 165524

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU026969.D (-393) (-)

Ion 77.90 (77.60 to 78.60): VU027037.D (-313) (-)

2.48

100000

80000

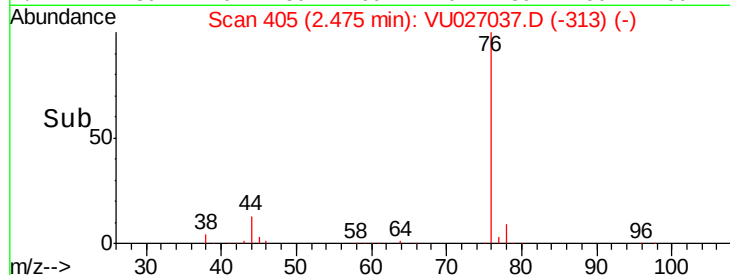
60000

40000

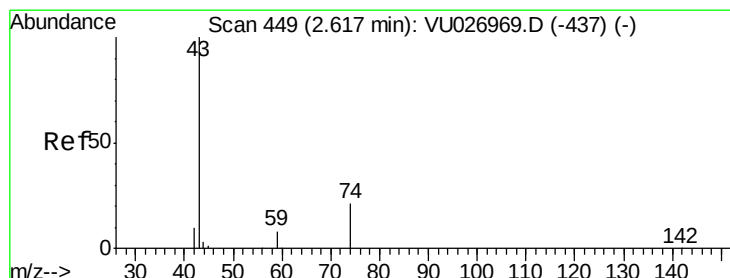
20000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 51.465 ug/l

RT: 2.62 min Scan# 449

Delta R.T. -0.00 min

Lab File: VU027037.D

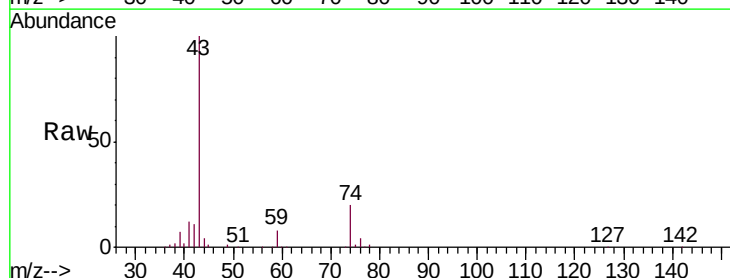
Acq: 22 Sep 2018 23:33

Tgt Ion: 43 Resp: 114748

Ion Ratio Lower Upper

43 100

74 20.5 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-437) (-)

Ion 74.00 (73.70 to 74.70): VU027037.D (-356) (-)

2.62

80000

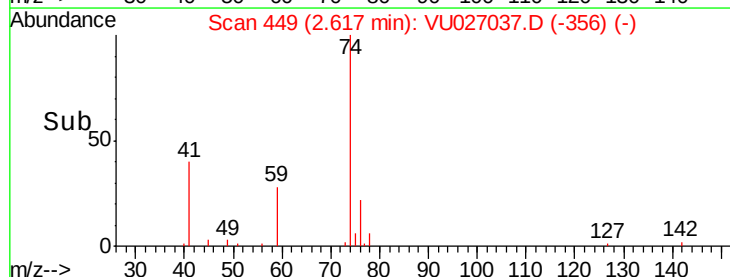
60000

40000

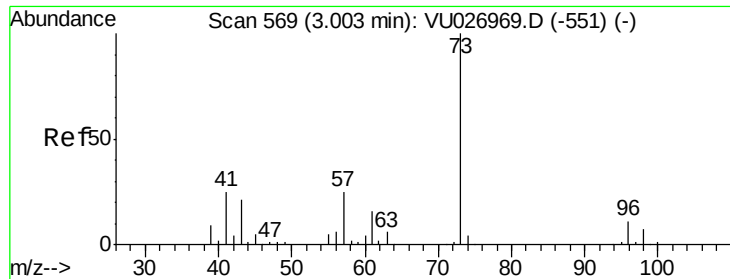
20000

0

Time-->



Time-->

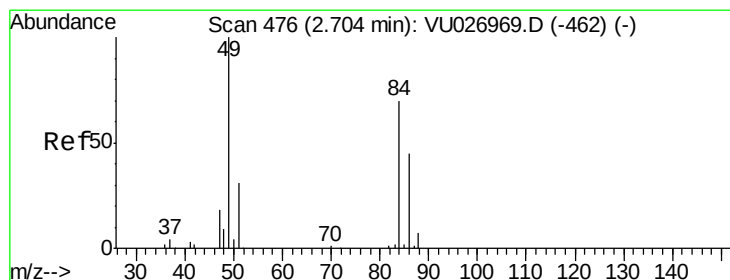
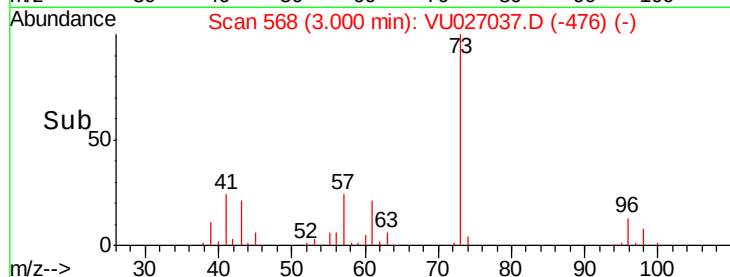
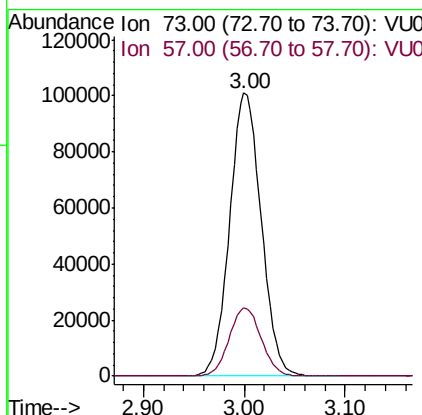
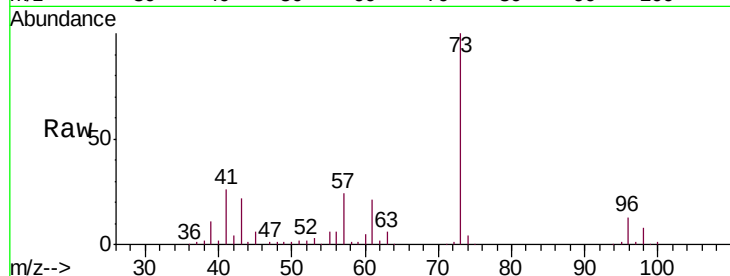


#19

Methyl tert-butyl Ether
 Concen: 55.704 ug/l
 RT: 3.00 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

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

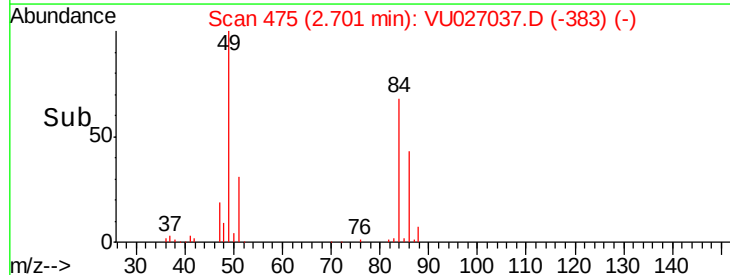
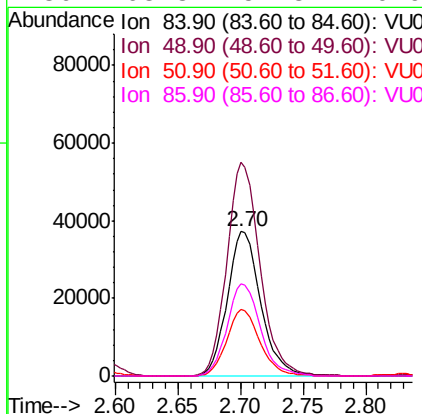
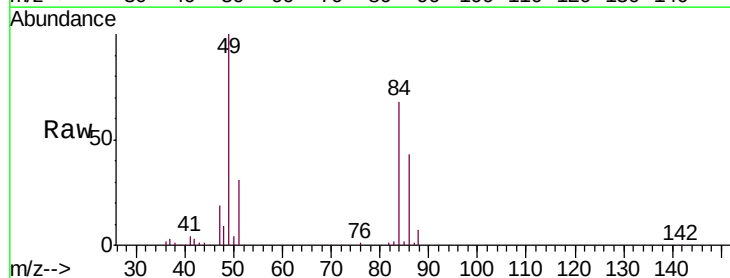
Tgt Ion: 73 Resp: 220047
 Ion Ratio Lower Upper
 73 100
 57 24.1 19.8 29.6

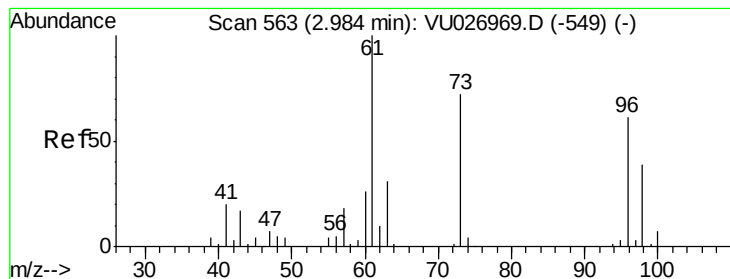


#20

Methylene Chloride
 Concen: 48.990 ug/l
 RT: 2.70 min Scan# 475
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Tgt Ion: 84 Resp: 68729
 Ion Ratio Lower Upper
 84 100
 49 148.1 114.9 172.3
 51 46.5 35.8 53.8
 86 63.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 50.586 ug/l

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MS

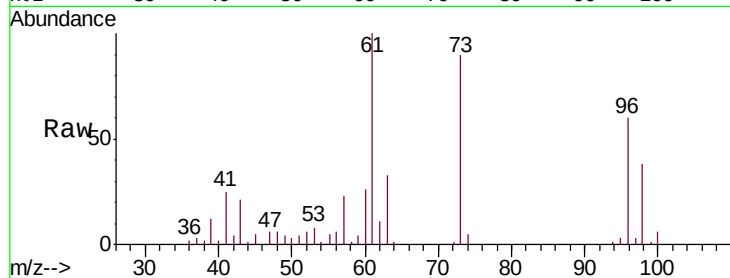
Tgt Ion: 96 Resp: 58058

Ion Ratio Lower Upper

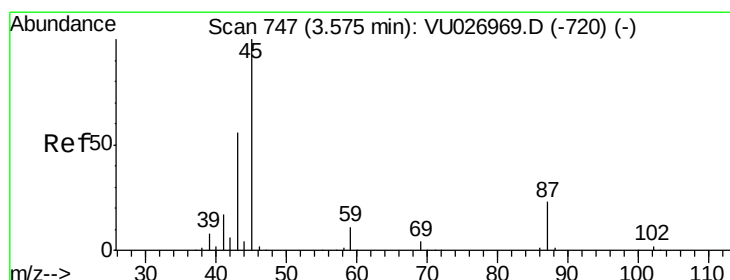
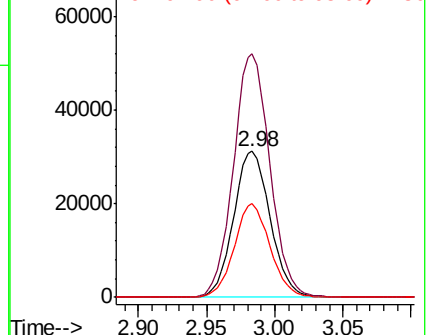
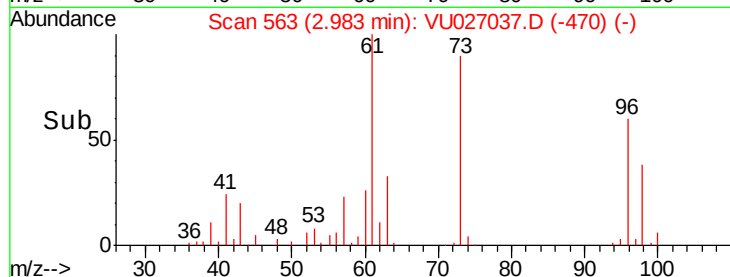
96 100

61 166.8 131.8 197.6

98 63.9 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VU027037.D (-470) (-)



#22

Diisopropyl ether

Concen: 56.950 ug/l

RT: 3.58 min Scan# 747

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Tgt Ion: 45 Resp: 265585

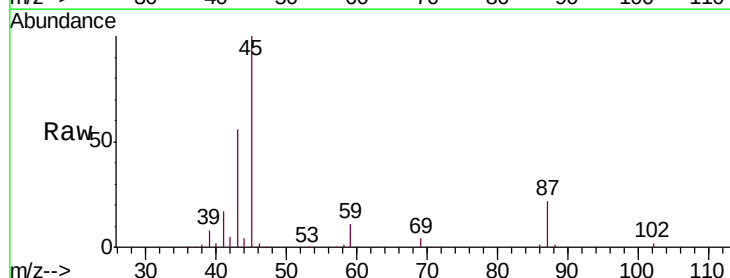
Ion Ratio Lower Upper

45 100

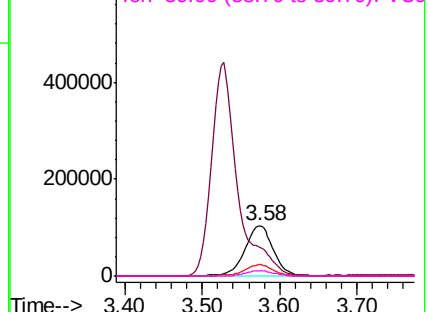
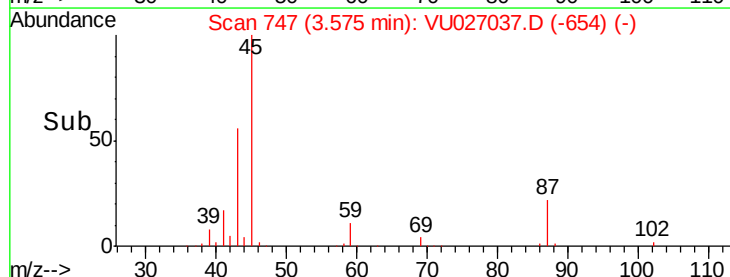
43 54.5 45.8 68.6

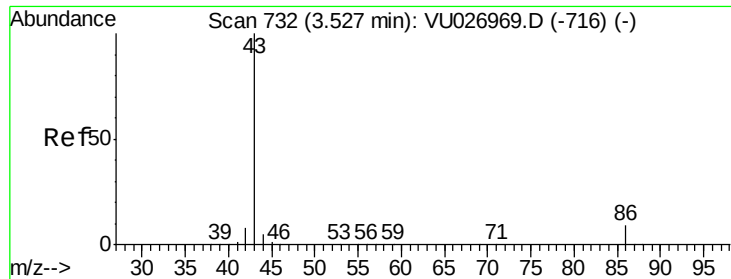
87 22.3 18.6 28.0

59 10.8 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VU027037.D (-654) (-)





#23

Vinyl Acetate

Concen: 263.636 ug/l

RT: 3.53 min Scan# 732

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

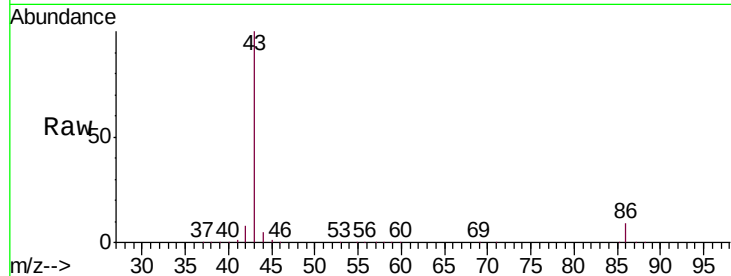
BPSI-TT-MW308D-20180914MS

Tgt Ion: 43 Resp: 1048018

Ion Ratio Lower Upper

43 100

86 8.6 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VU027037.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU027037.D (-639) (-)

3.53

400000

300000

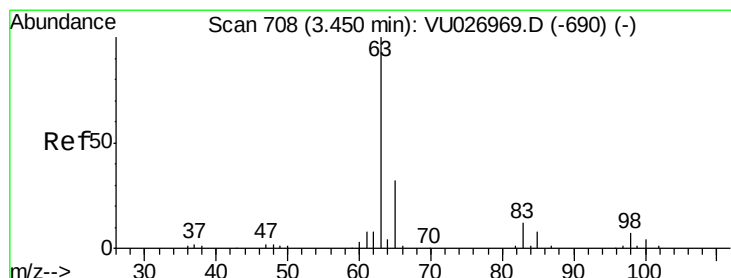
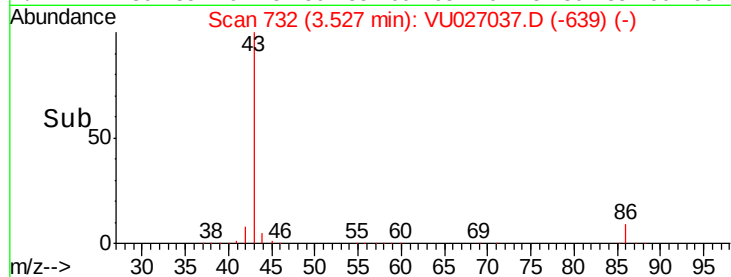
200000

100000

0

3.40 3.50 3.60 3.70

Time-->



#24

1,1-Dichloroethane

Concen: 53.108 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

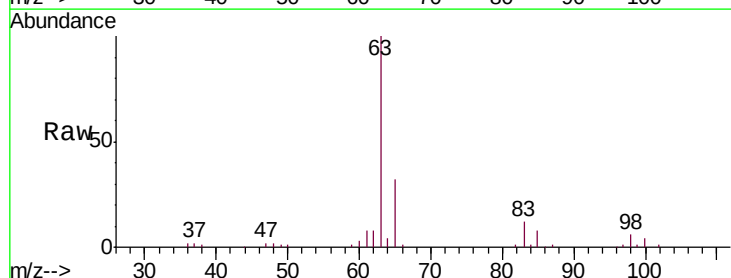
Tgt Ion: 63 Resp: 136405

Ion Ratio Lower Upper

63 100

98 5.8 3.3 9.8

100 3.7 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU027037.D (-615) (-)

Ion 97.90 (97.60 to 98.60): VU027037.D (-615) (-)

Ion 99.90 (99.60 to 100.60): VU027037.D (-615) (-)

3.45

80000

60000

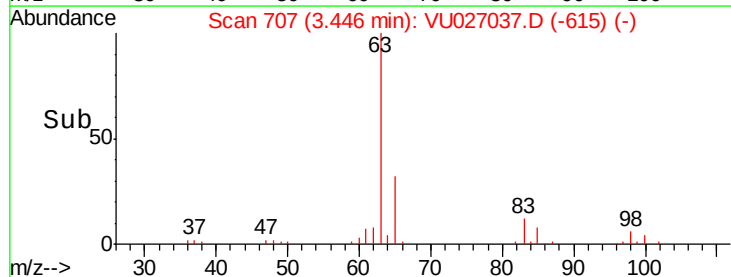
40000

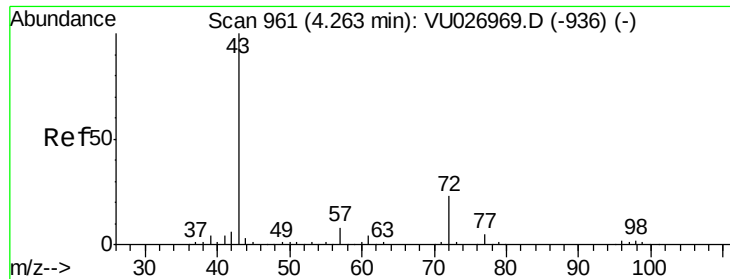
20000

0

3.40 3.50

Time-->





#25

2-Butanone

Concen: 270.253 ug/l

RT: 4.26 min Scan# 961

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

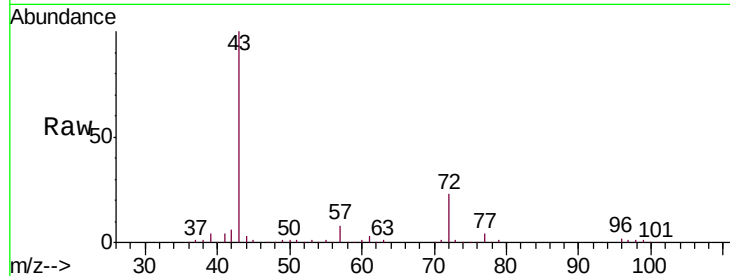
BPSI-TT-MW308D-20180914MS

Tgt Ion: 43 Resp: 355779

Ion Ratio Lower Upper

43 100

72 22.4 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

4.26

150000

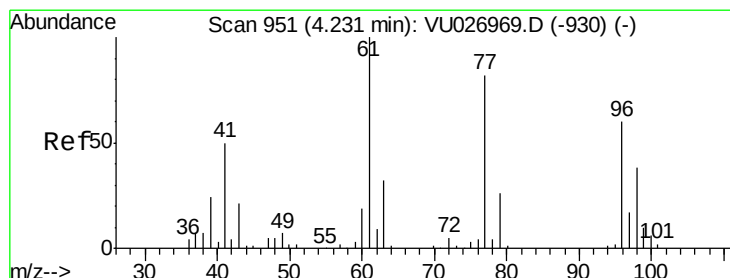
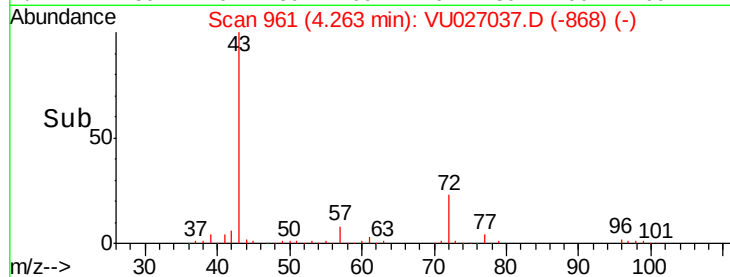
100000

50000

0

4.15 4.20 4.25 4.30 4.35

Time-->



#26

2,2-Dichloropropane

Concen: 44.251 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027037.D

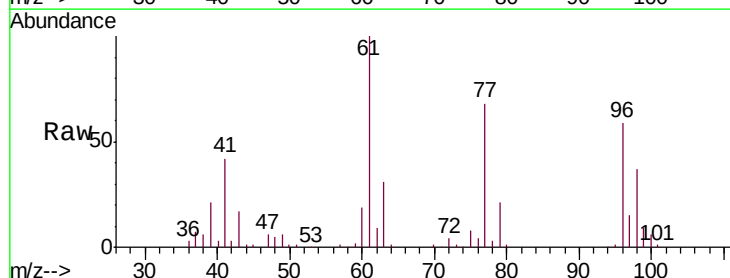
Acq: 22 Sep 2018 23:33

Tgt Ion: 77 Resp: 88639

Ion Ratio Lower Upper

77 100

97 21.1 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

4.23

30000

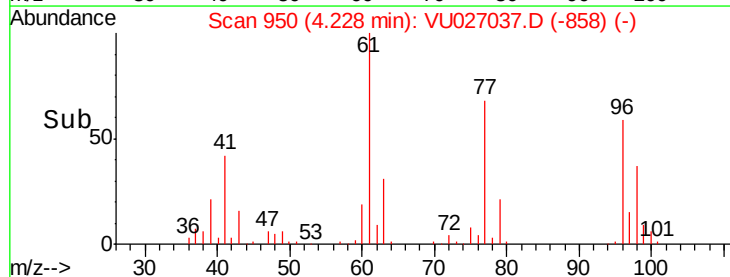
20000

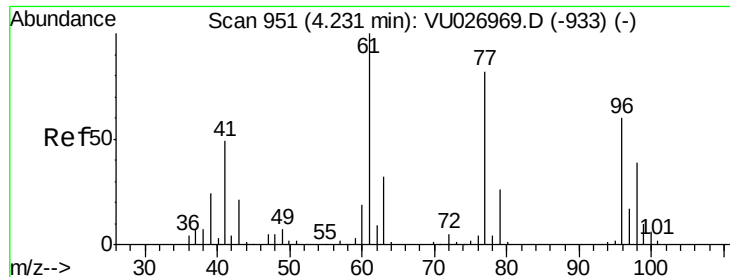
10000

0

4.10 4.20 4.30

Time-->



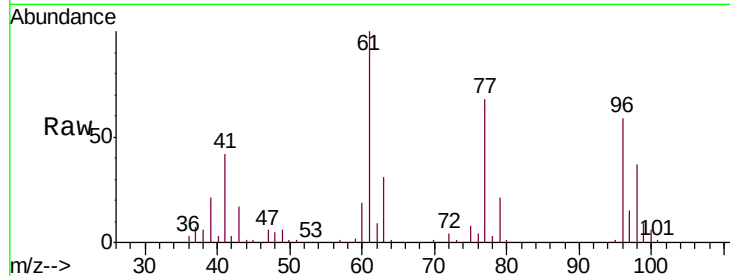


#27

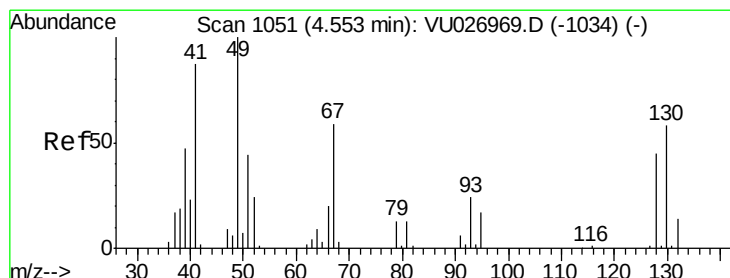
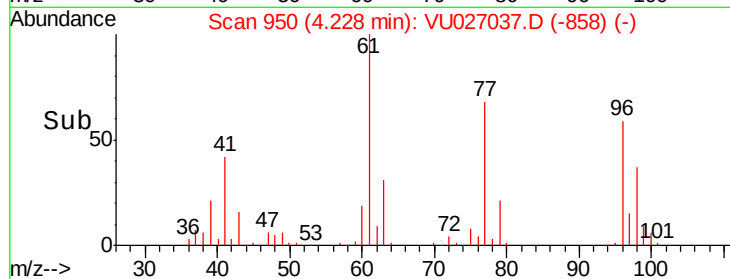
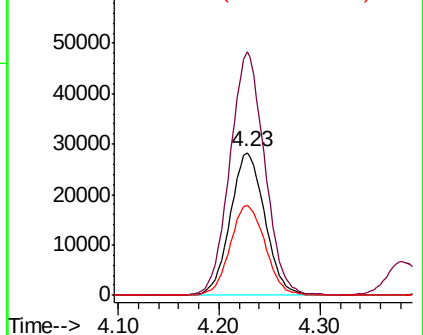
cis-1,2-Dichloroethene
 Concen: 52.104 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

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

Tgt Ion: 96 Resp: 67535
 Ion Ratio Lower Upper
 96 100
 61 171.5 0.0 337.2
 98 63.9 0.0 127.6



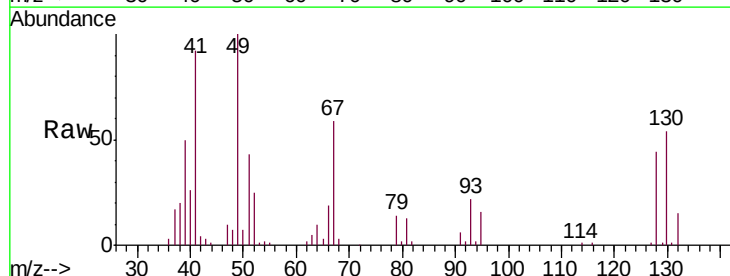
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



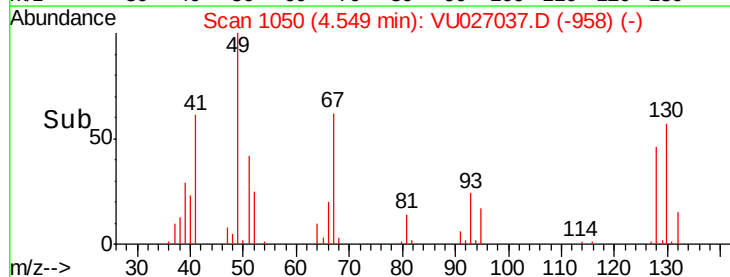
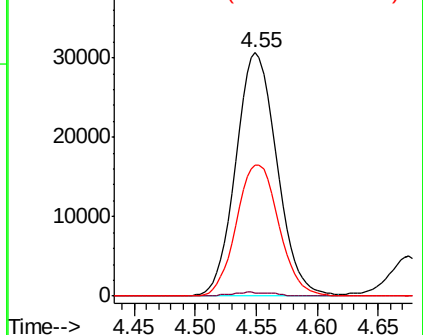
#28

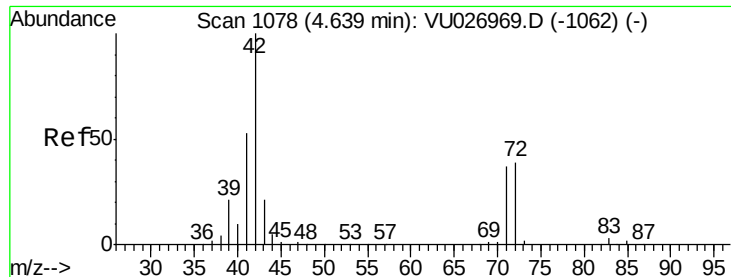
Bromochloromethane
 Concen: 57.917 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Tgt Ion: 49 Resp: 71708
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.0
 130 55.5 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: 292.639 ug/l

RT: 4.64 min Scan# 1078

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MS

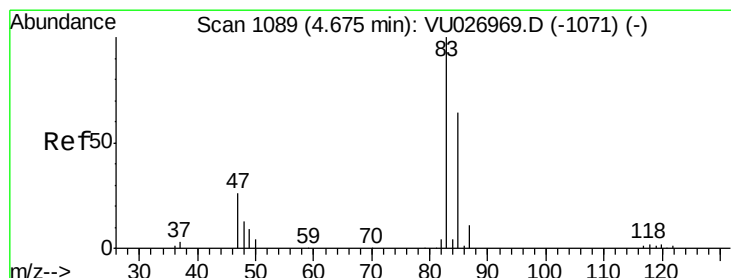
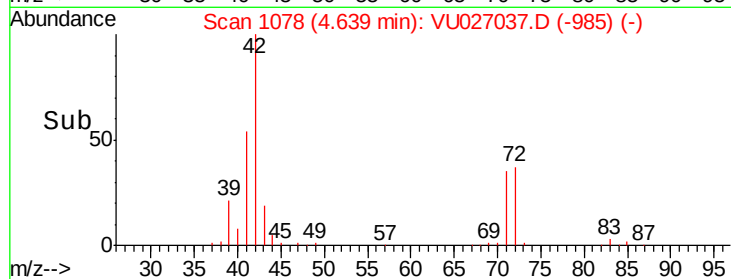
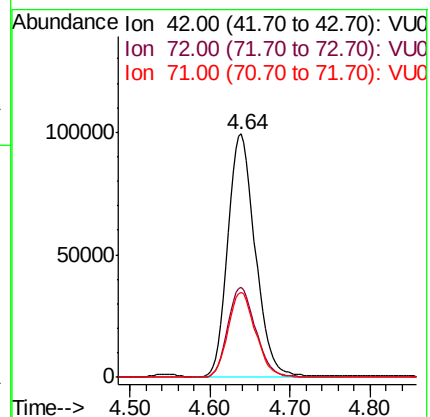
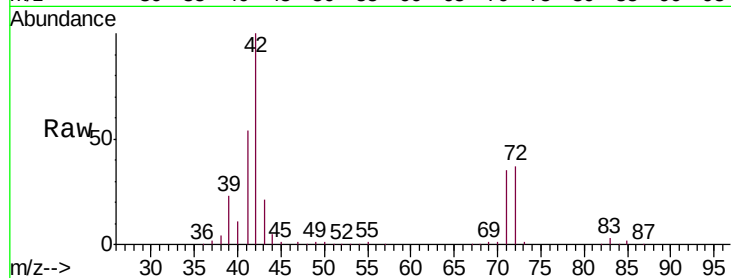
Tgt Ion: 42 Resp: 233050

Ion Ratio Lower Upper

42 100

72 37.7 31.7 47.5

71 35.3 29.6 44.4



#30

Chloroform

Concen: 51.923 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VU027037.D

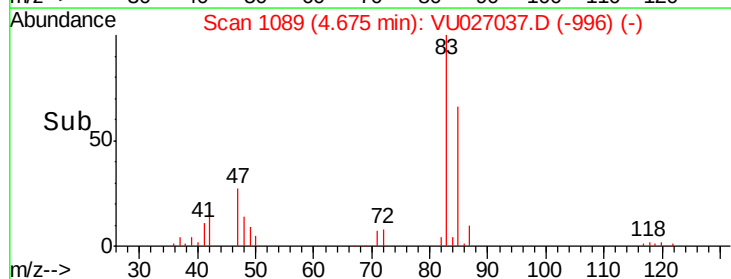
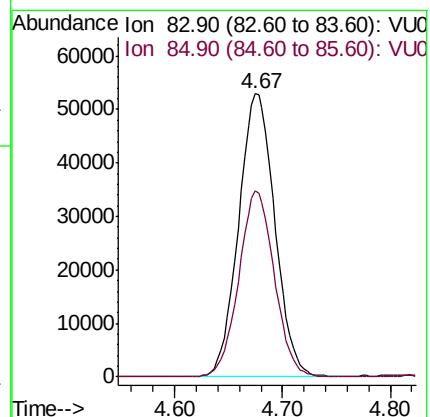
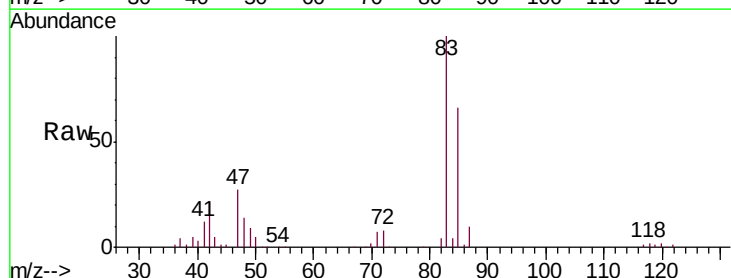
Acq: 22 Sep 2018 23:33

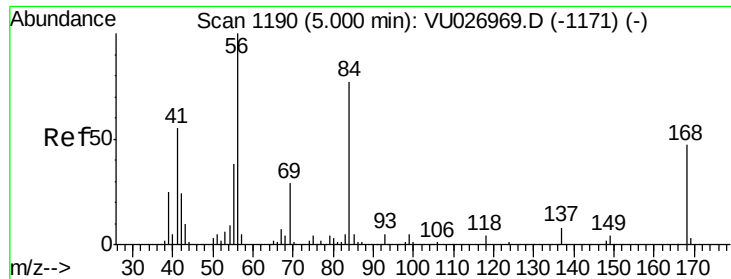
Tgt Ion: 83 Resp: 123793

Ion Ratio Lower Upper

83 100

85 65.6 51.5 77.3

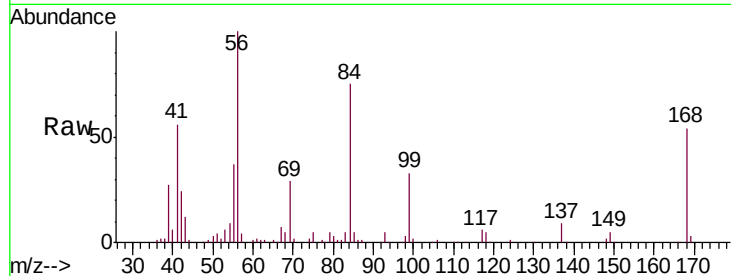




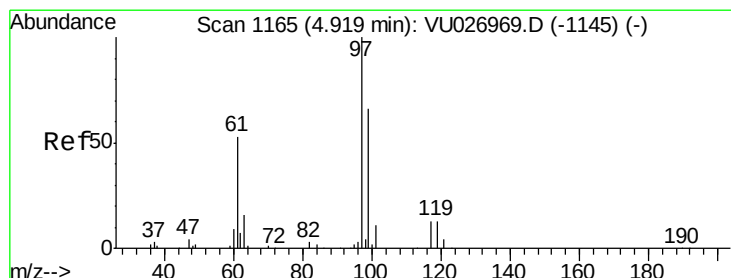
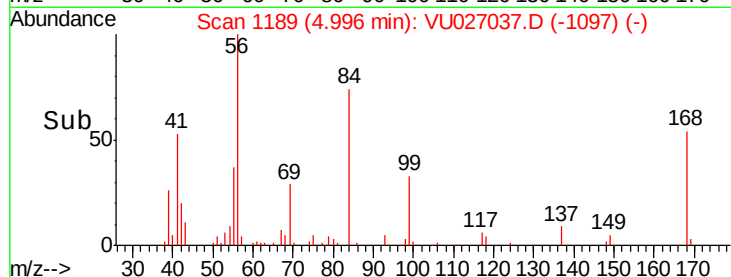
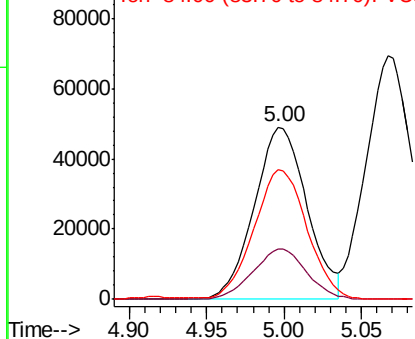
#31
Cyclohexane
Concen: 49.826 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

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

Tgt Ion: 56 Resp: 116337
Ion Ratio Lower Upper
56 100
69 29.2 23.0 34.4
84 74.4 61.4 92.2

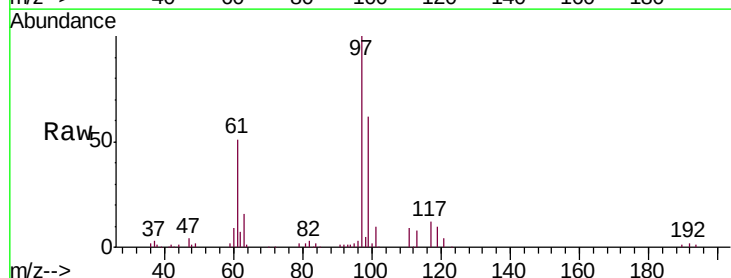


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

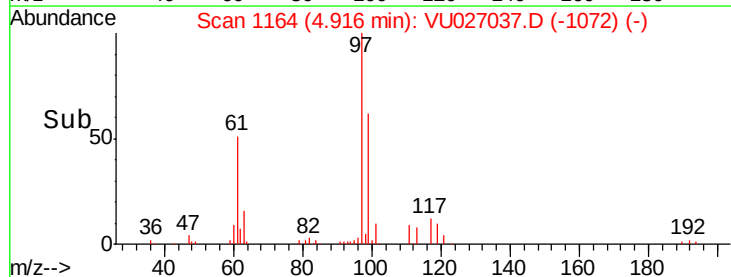
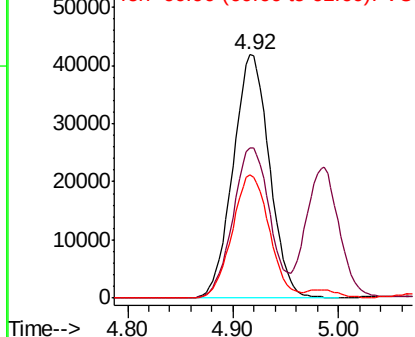


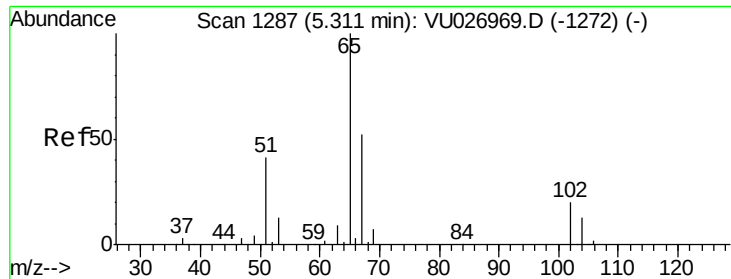
#32
1,1,1-Trichloroethane
Concen: 52.654 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Tgt Ion: 97 Resp: 100231
Ion Ratio Lower Upper
97 100
99 63.0 51.8 77.6
61 51.7 41.1 61.7



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

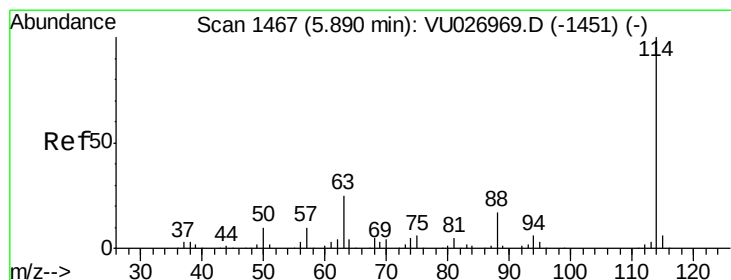
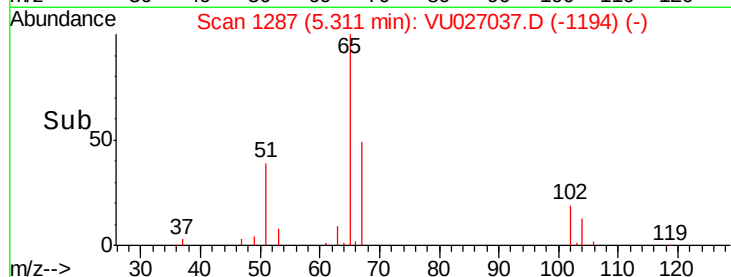
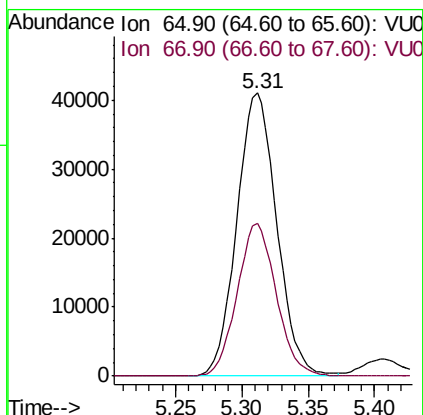
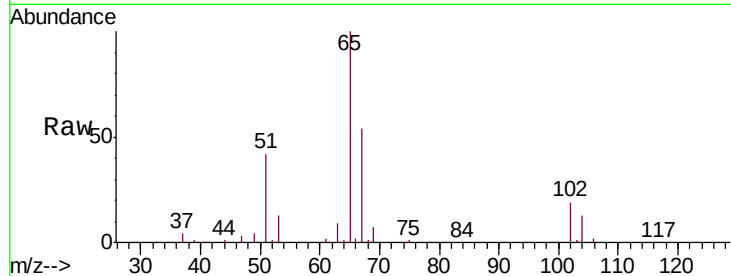




#33
 1,2-Dichloroethane-d4
 Concen: 54.882 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

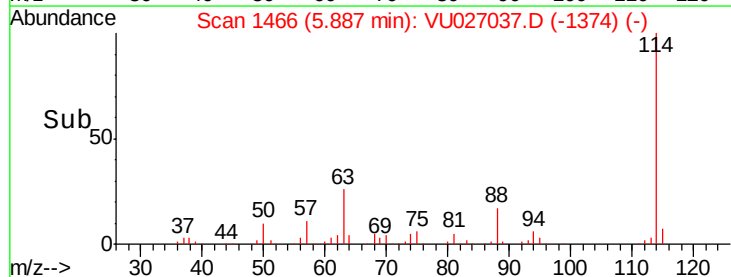
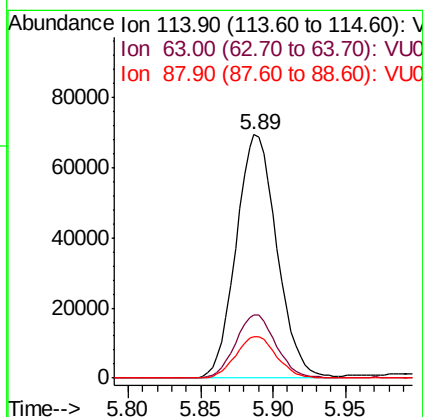
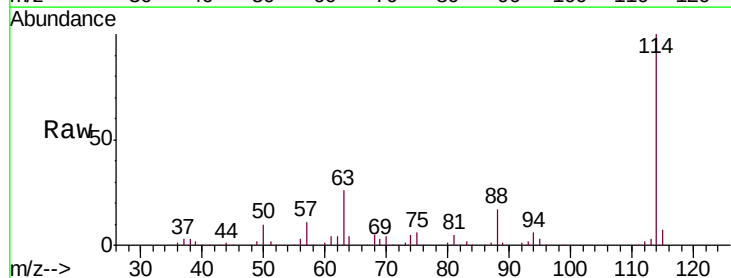
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MS

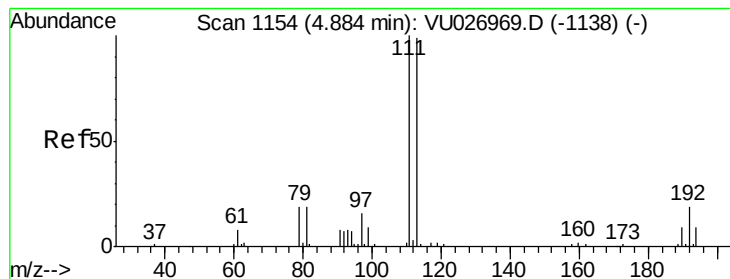
Tgt Ion: 65 Resp: 85972
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Tgt Ion: 114 Resp: 135924
 Ion Ratio Lower Upper
 114 100
 63 26.1 0.0 49.2
 88 17.1 0.0 33.8





#35

Dibromofluoromethane

Concen: 50.886 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MS

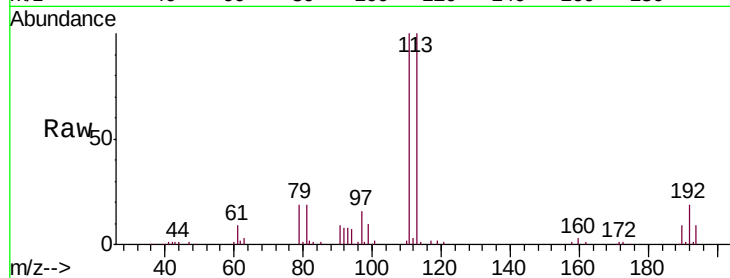
Tgt Ion:113 Resp: 59954

Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

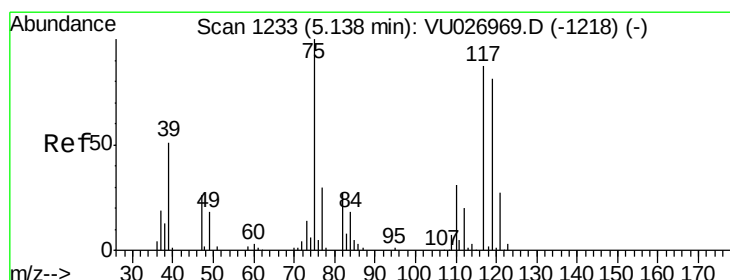
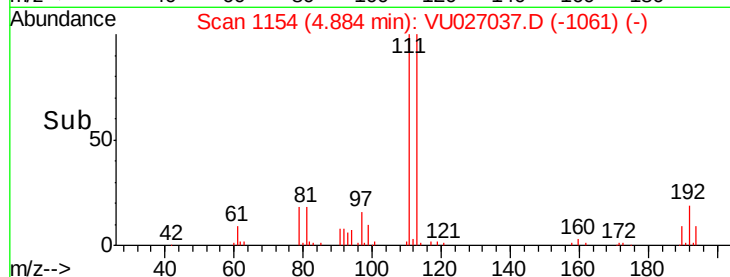
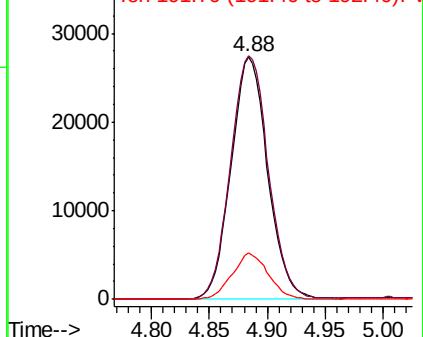
192 18.7 15.2 22.8



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: 50.042 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

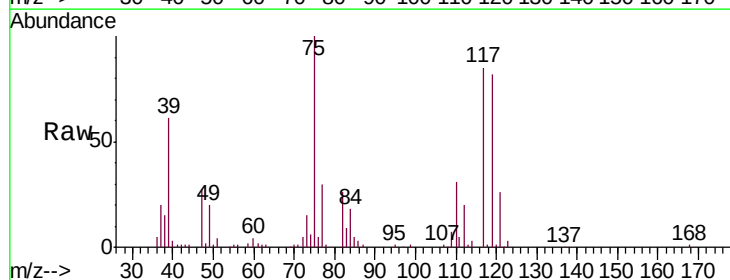
Tgt Ion: 75 Resp: 90779

Ion Ratio Lower Upper

75 100

110 30.6 16.1 48.2

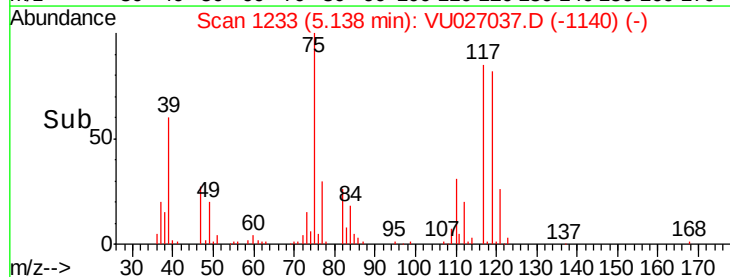
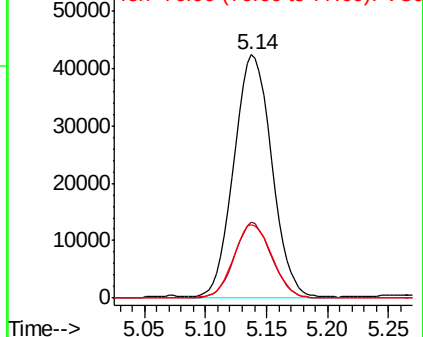
77 30.8 24.6 36.8

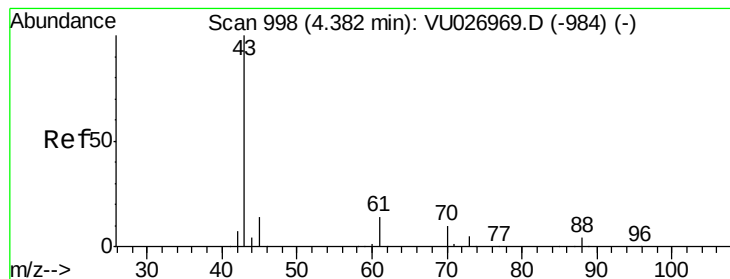


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#37

Ethyl Acetate

Concen: 47.830 ug/l

RT: 4.38 min Scan# 998

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleID :

BPSI-TT-MW308D-20180914MS

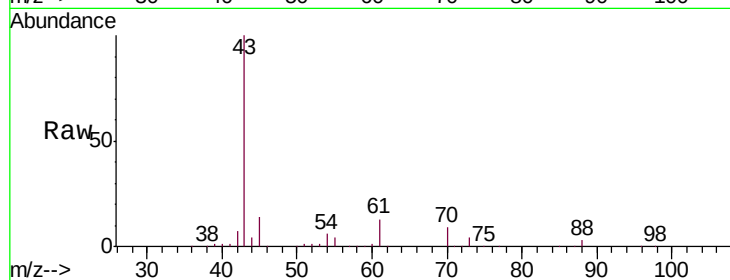
Tgt Ion: 43 Resp: 117459

Ion Ratio Lower Upper

43 100

61 13.4 10.5 15.7

70 8.9 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-984) (-)

Ion 60.90 (60.60 to 61.60): VU026969.D (-984) (-)

Ion 70.00 (69.70 to 70.70): VU026969.D (-984) (-)

200000

150000

100000

50000

0

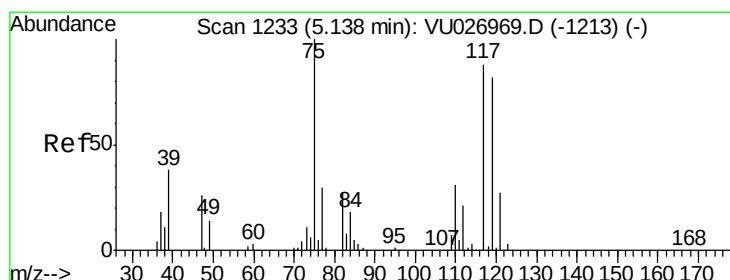
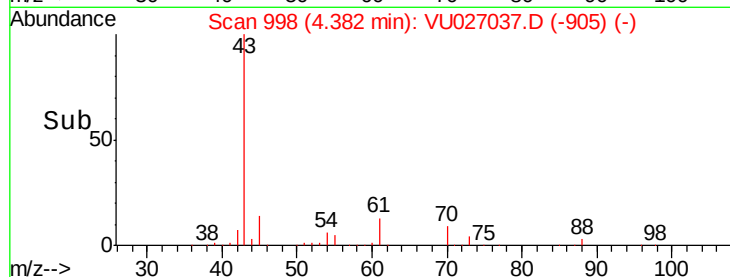
4.38

4.30

4.40

4.50

Time-->



#38

Carbon Tetrachloride

Concen: 48.457 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

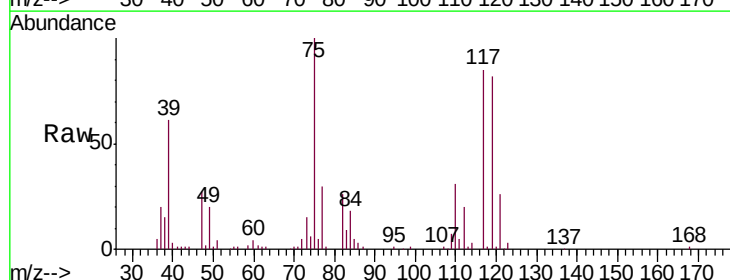
Tgt Ion: 117 Resp: 83653

Ion Ratio Lower Upper

117 100

119 96.3 74.4 111.6

121 31.2 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): VU026969.D (-1213) (-)

Ion 118.80 (118.50 to 119.50): VU026969.D (-1213) (-)

Ion 120.80 (120.50 to 121.50): VU026969.D (-1213) (-)

50000

40000

30000

20000

10000

0

5.14

5.05

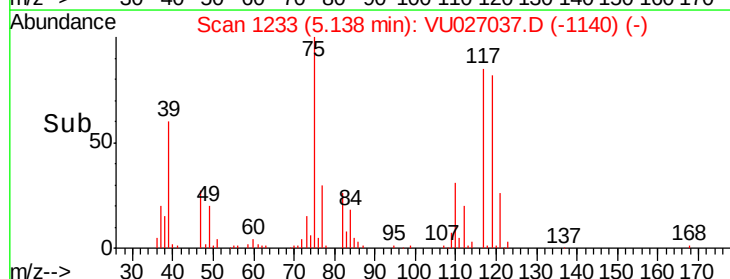
5.10

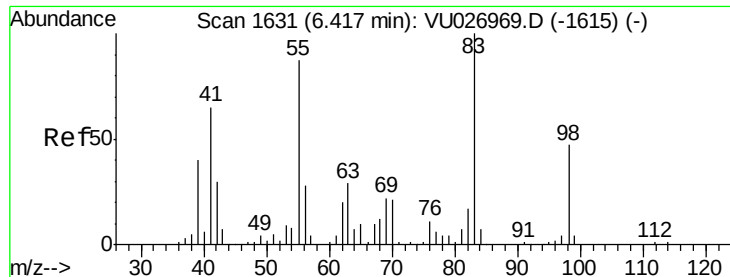
5.15

5.20

5.25

Time-->

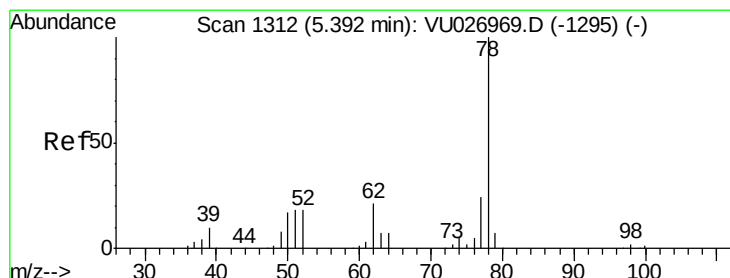
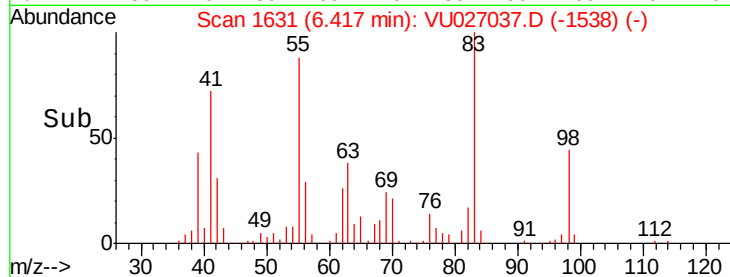
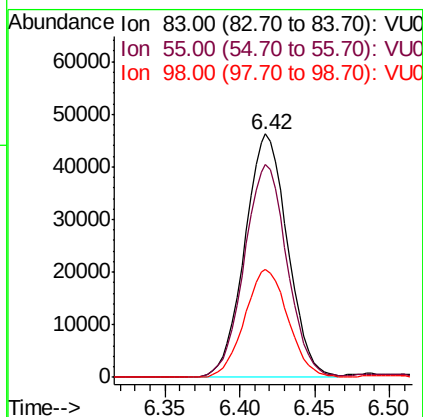
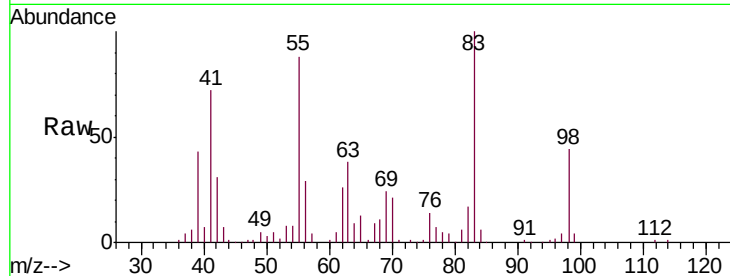




#39
Methylcyclohexane
Concen: 46.661 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

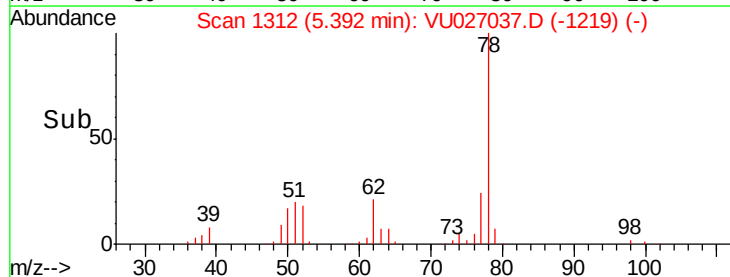
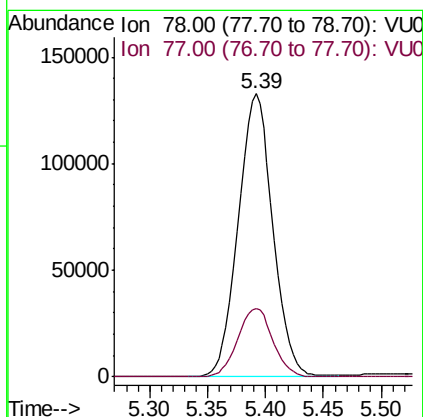
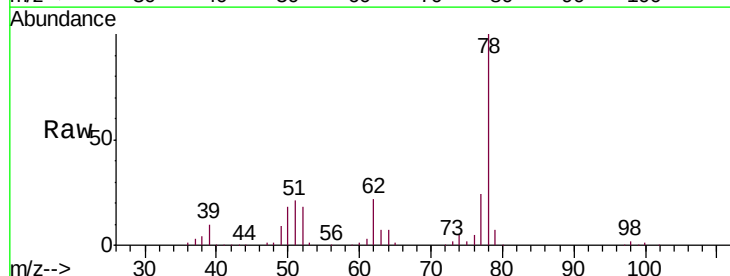
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MS

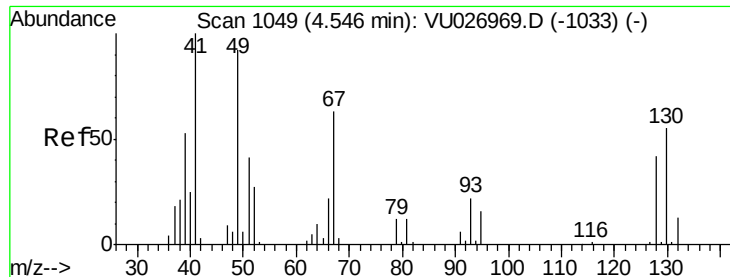
Tgt Ion: 83 Resp: 91986
Ion Ratio Lower Upper
83 100
55 87.7 69.9 104.9
98 44.5 37.5 56.3



#40
Benzene
Concen: 49.888 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Tgt Ion: 78 Resp: 275118
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0

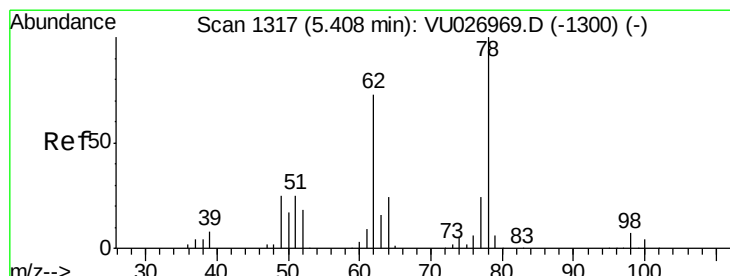
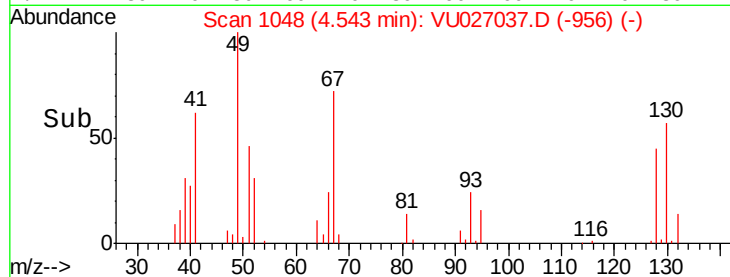
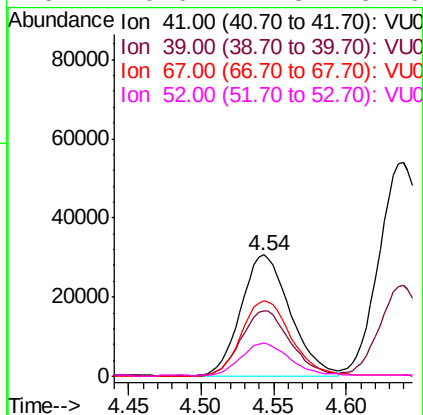
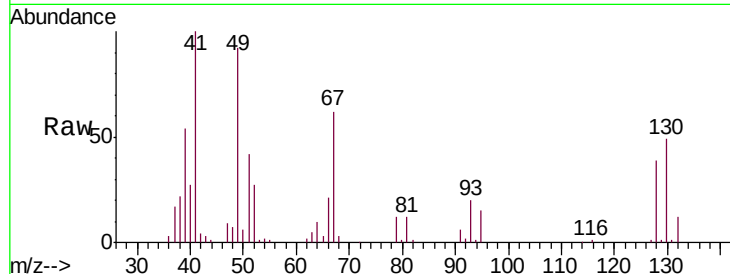




#41
Methacrylonitrile
Concen: 56.606 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

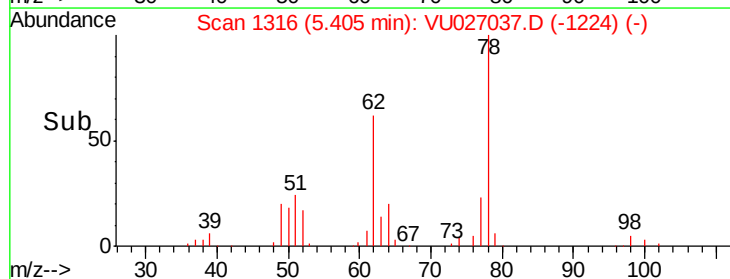
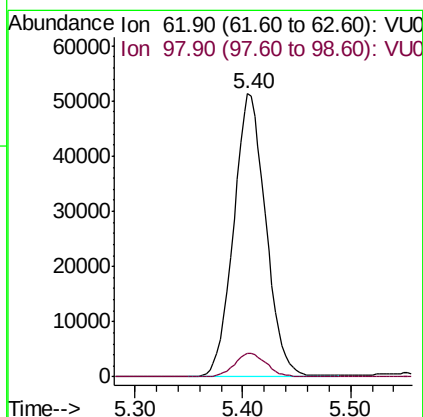
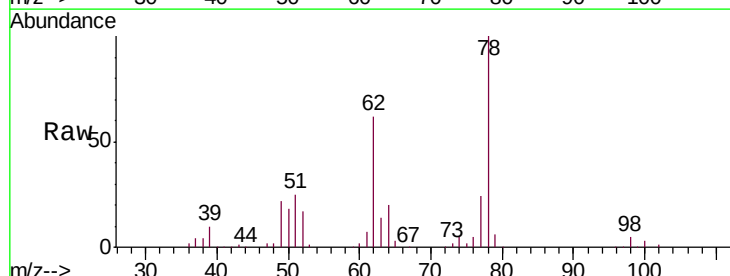
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MS

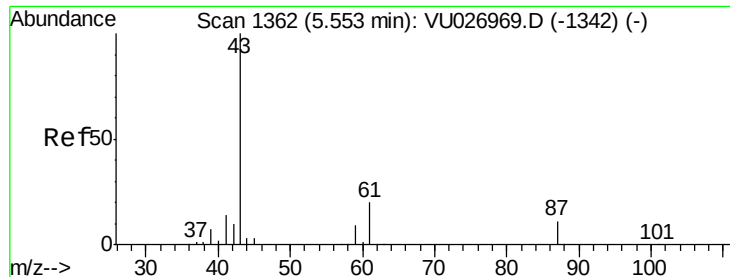
Tgt Ion:	41	Resp:	72195
Ion	Ratio	Lower	Upper
41	100		
39	53.4	42.9	64.3
67	63.4	52.4	78.6
52	26.6	21.3	31.9



#42
1,2-Dichloroethane
Concen: 51.307 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Tgt Ion:	62	Resp:	106900
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.0

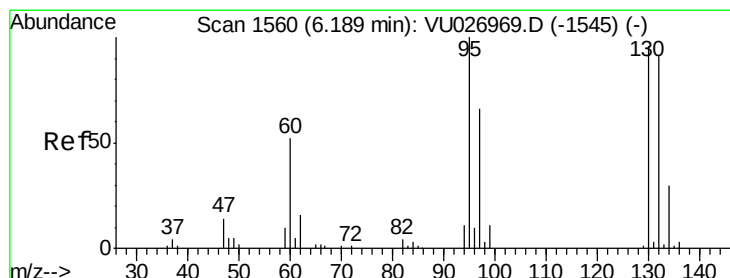
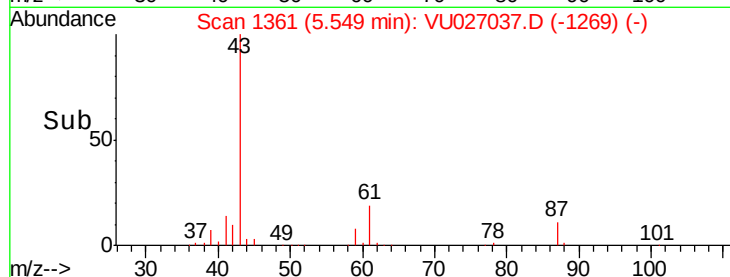
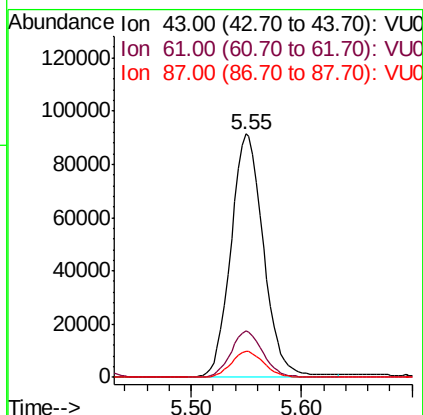
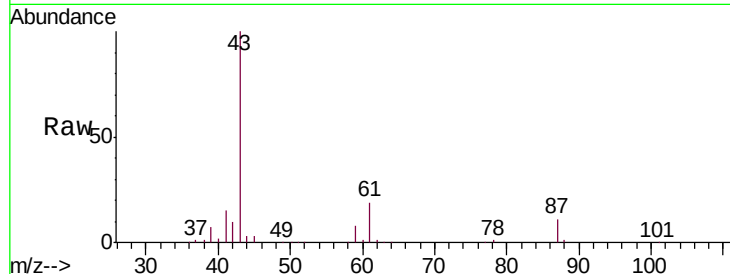




#43
Isopropyl Acetate
Concen: 52.141 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

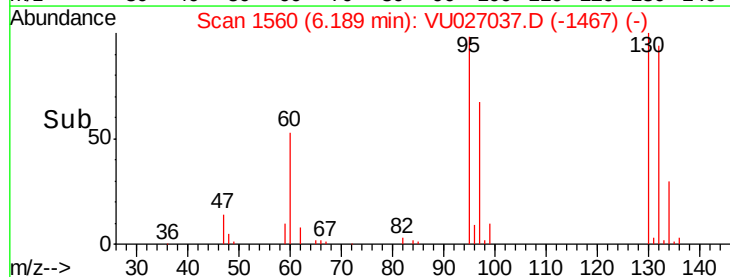
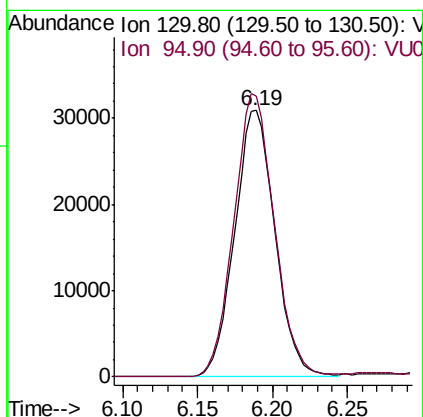
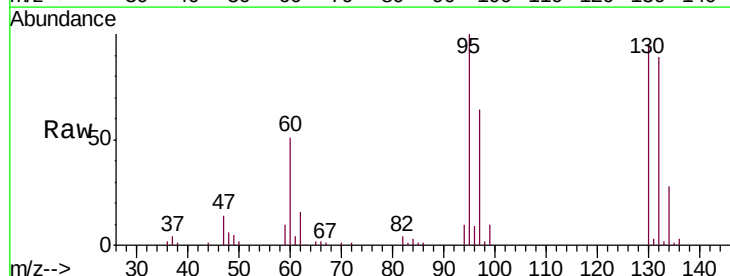
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MS

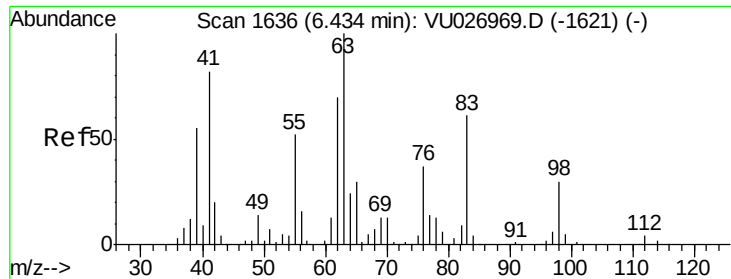
Tgt Ion: 43 Resp: 186740
Ion Ratio Lower Upper
43 100
61 18.8 15.7 23.5
87 10.8 9.0 13.4



#44
Trichloroethene
Concen: 49.454 ug/l
RT: 6.19 min Scan# 1560
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Tgt Ion: 130 Resp: 58060
Ion Ratio Lower Upper
130 100
95 105.5 0.0 208.8





#45

1,2-Dichloropropane

Concen: 52.059 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

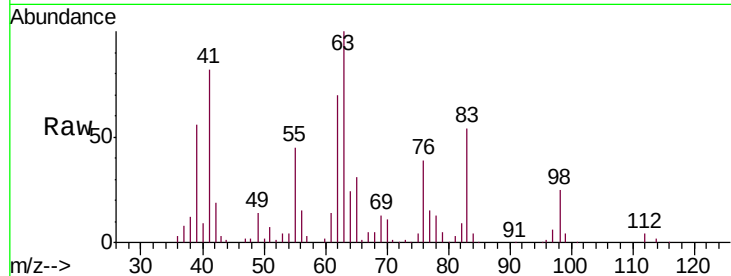
BPSI-TT-MW308D-20180914MS

Tgt Ion: 63 Resp: 81802

Ion Ratio Lower Upper

63 100

65 30.6 24.3 36.5

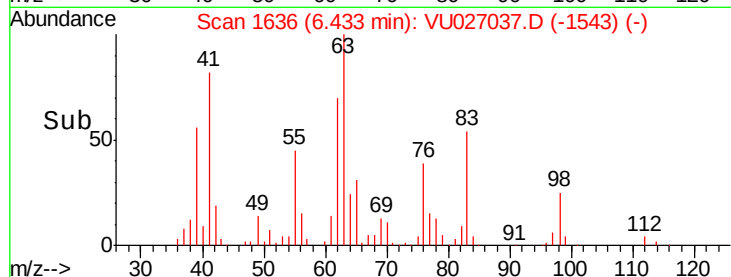


Abundance Ion 62.90 (62.60 to 63.60): VU026969.D (-1621) (-)

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

6.43

Time-->

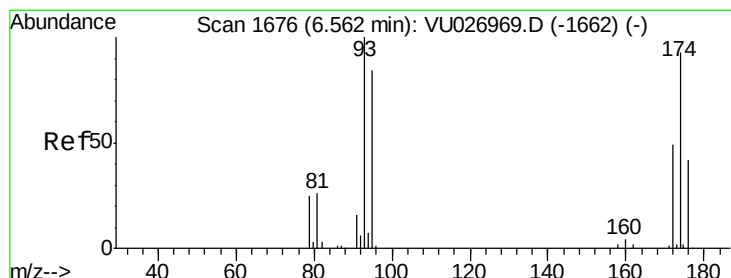


Abundance Ion 62.90 (62.60 to 63.60): VU027037.D (-1543) (-)

Ion 64.90 (64.60 to 65.60): VU027037.D (-1543) (-)

6.43

Time-->



#46

Dibromomethane

Concen: 49.936 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

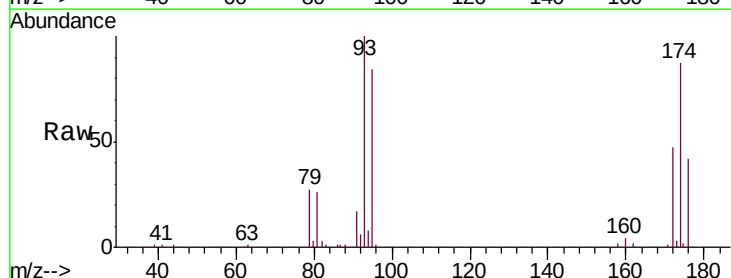
Tgt Ion: 93 Resp: 47389

Ion Ratio Lower Upper

93 100

95 82.1 66.2 99.4

174 85.2 71.7 107.5



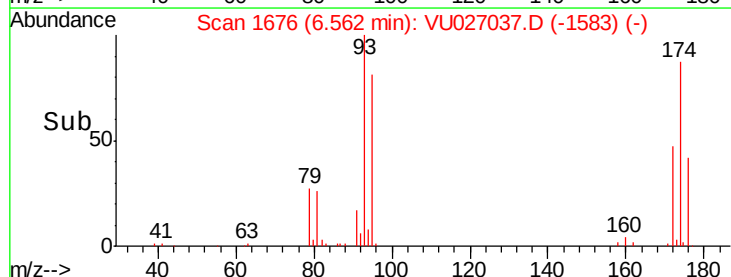
Abundance Ion 92.80 (92.50 to 93.50): VU026969.D (-1662) (-)

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-->



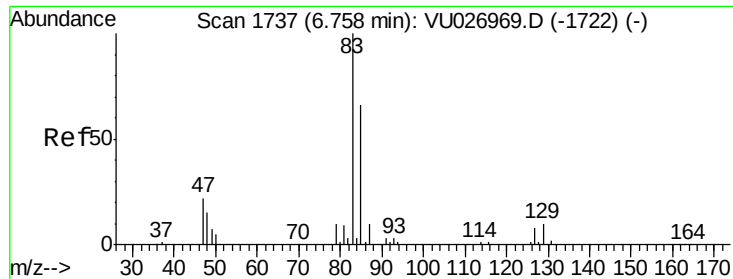
Abundance Ion 92.80 (92.50 to 93.50): VU027037.D (-1583) (-)

Ion 94.80 (94.50 to 95.50): VU027037.D (-1583) (-)

Ion 173.70 (173.40 to 174.40): VU027037.D (-1583) (-)

6.56

Time-->



#47

Bromodichloromethane

Concen: 49.196 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MS

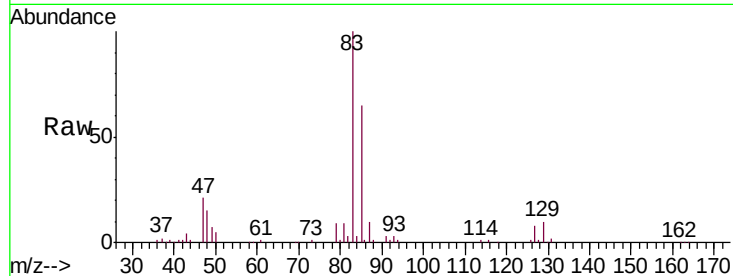
Tgt Ion: 83 Resp: 94403

Ion Ratio Lower Upper

83 100

85 64.6 52.5 78.7

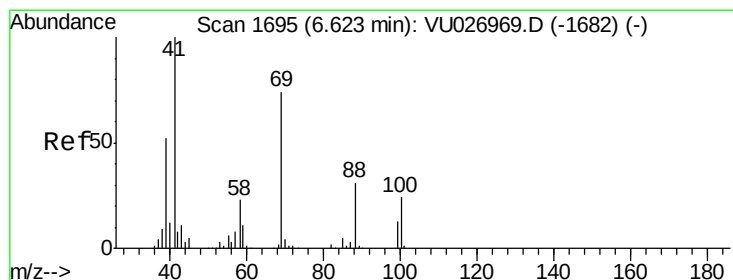
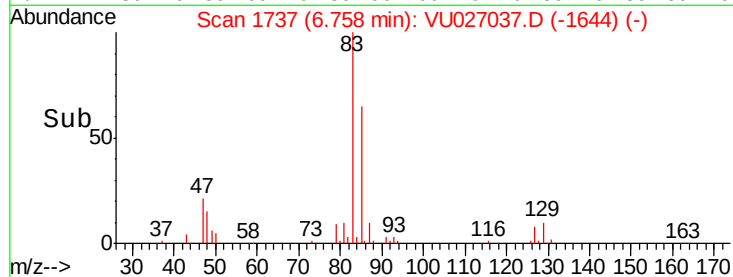
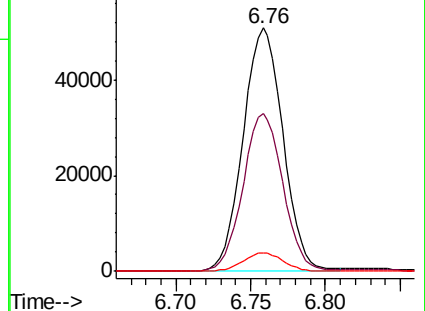
127 7.8 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.489 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

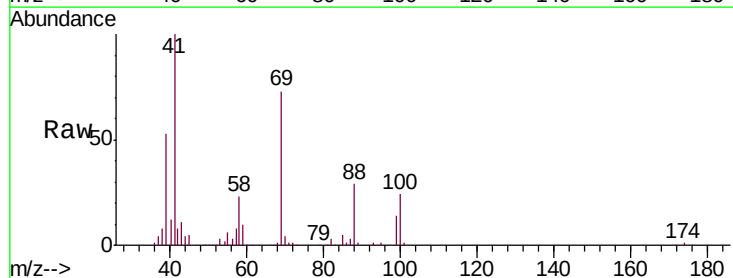
Tgt Ion: 41 Resp: 100427

Ion Ratio Lower Upper

41 100

69 74.1 60.6 90.8

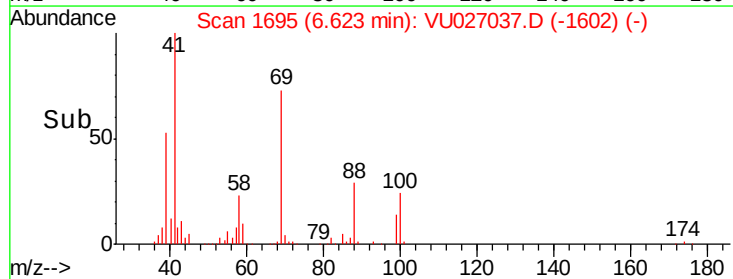
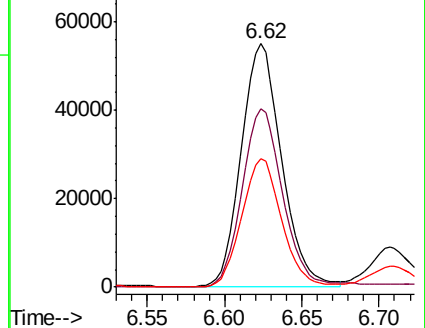
39 52.1 42.8 64.2

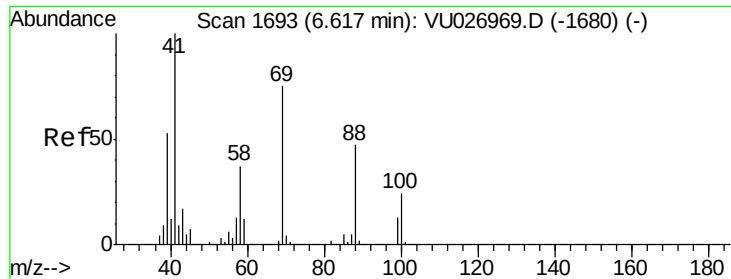


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

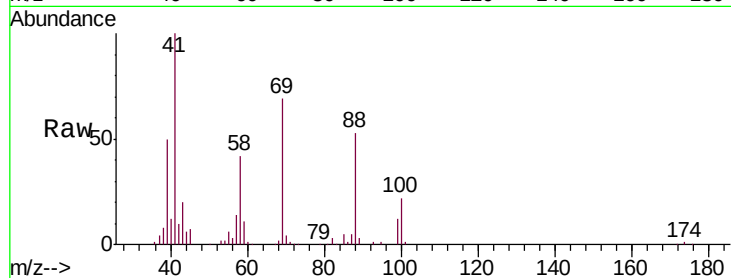




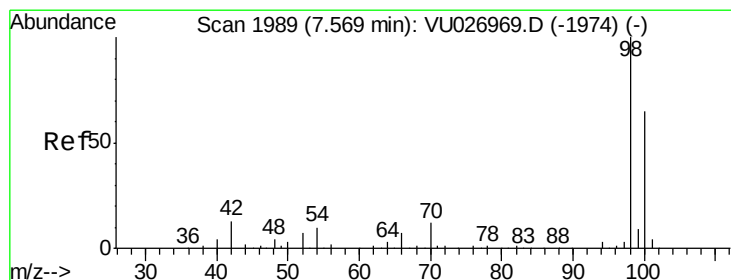
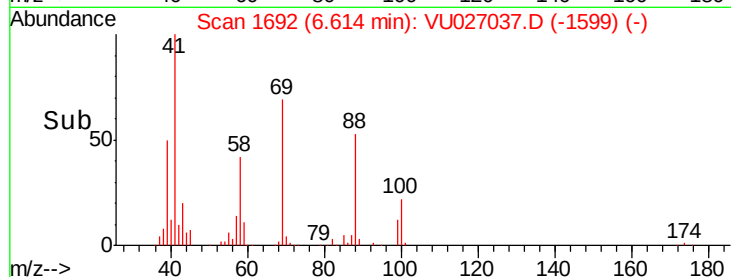
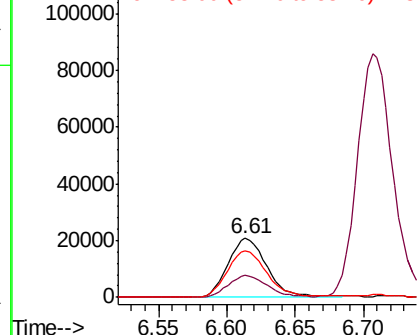
#49
1,4-Dioxane
Concen: 1072.498 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

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

Tgt Ion: 88 Resp: 41514
Ion Ratio Lower Upper
88 100
43 37.9 29.8 44.8
58 80.7 63.9 95.9

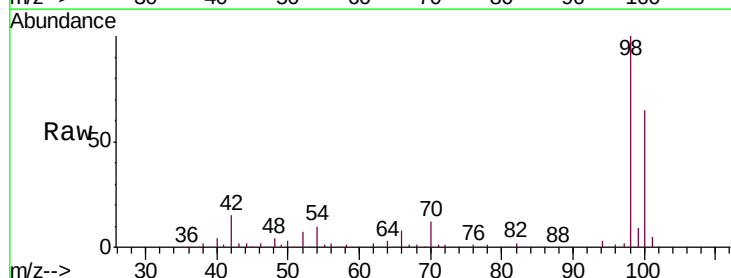


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

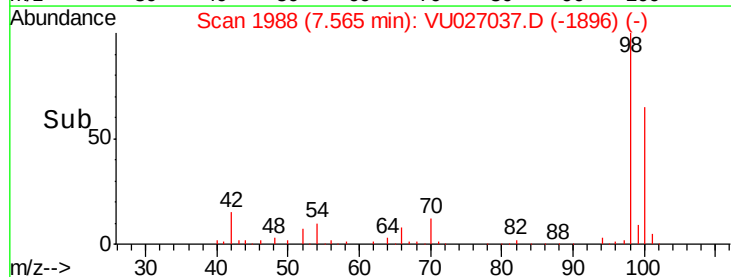
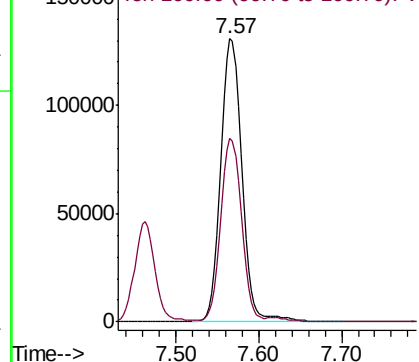


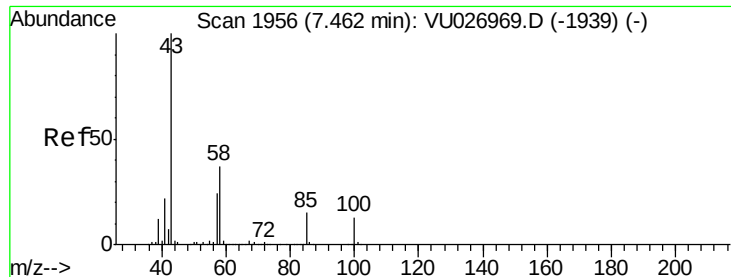
#50
Toluene-d8
Concen: 51.694 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Tgt Ion: 98 Resp: 232114
Ion Ratio Lower Upper
98 100
100 61.8 52.1 78.1



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





#51

4-Methyl-2-Pentanone

Concen: 282.789 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

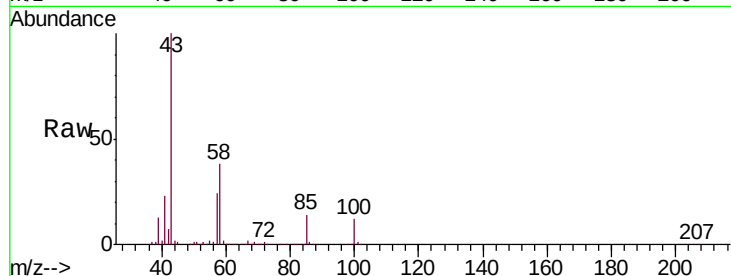
BPSI-TT-MW308D-20180914MS

Tgt Ion: 43 Resp: 681160

Ion Ratio Lower Upper

43 100

58 36.9 29.8 44.6



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

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

7.46

400000

300000

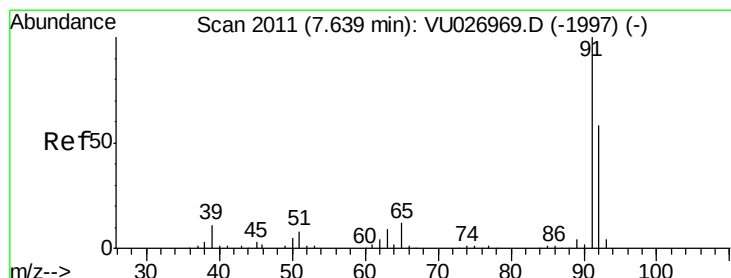
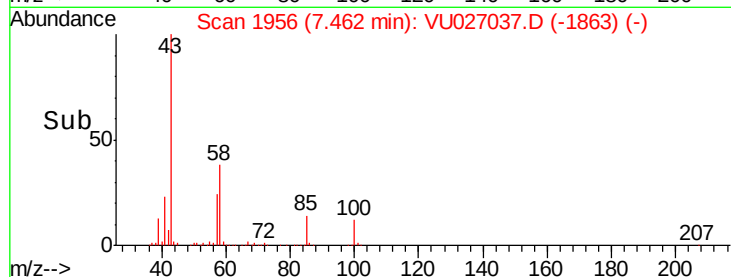
200000

100000

0

7.40 7.50 7.60

Time-->



#52

Toluene

Concen: 52.443 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. -0.00 min

Lab File: VU027037.D

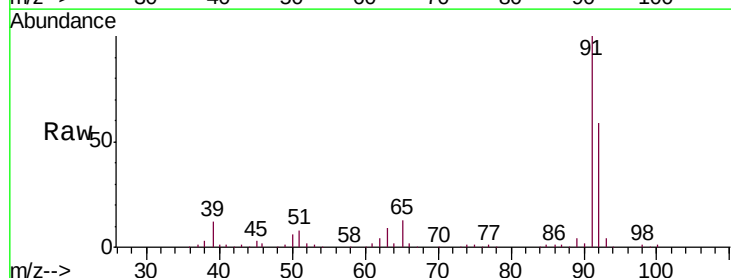
Acq: 22 Sep 2018 23:33

Tgt Ion: 92 Resp: 165774

Ion Ratio Lower Upper

92 100

91 172.3 136.4 204.6



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

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

7.64

150000

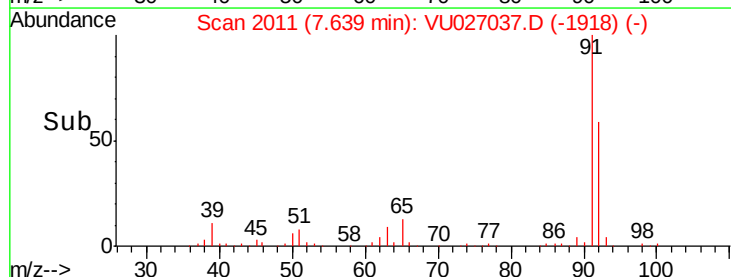
100000

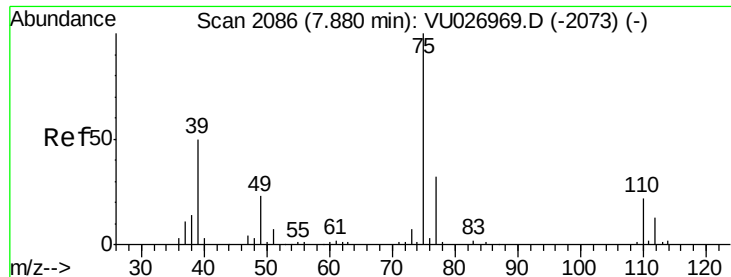
50000

0

7.60 7.70 7.80

Time-->

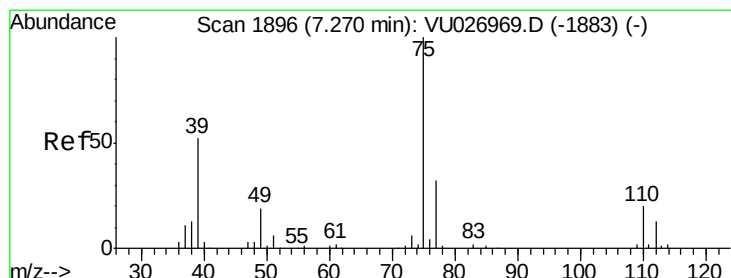
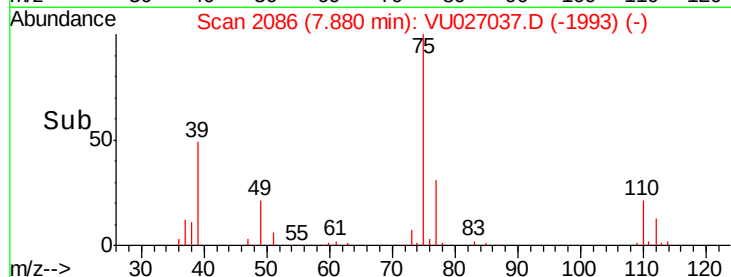
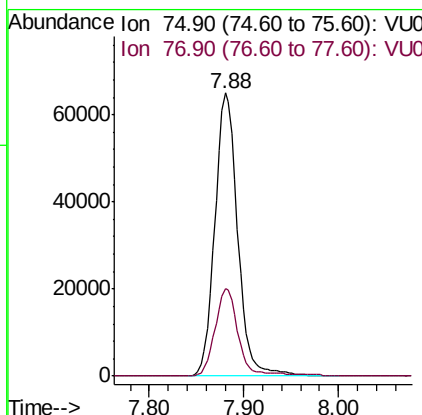
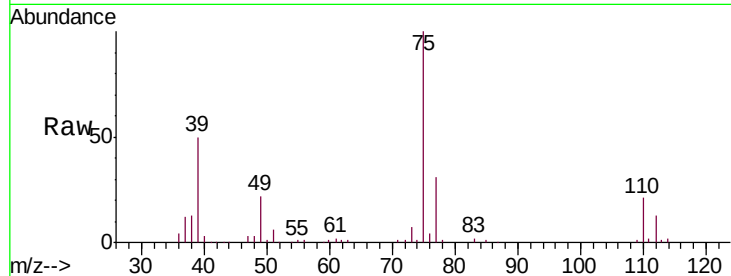




#53
 t-1,3-Dichloropropene
 Concen: 52.782 ug/l
 RT: 7.88 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

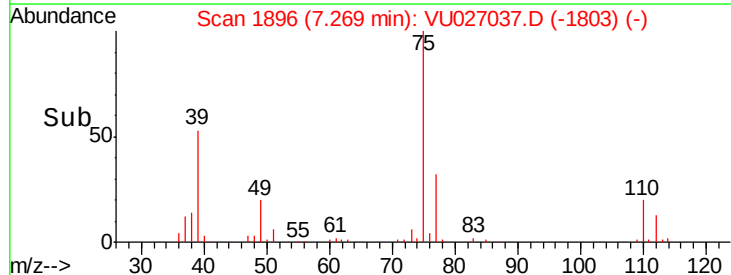
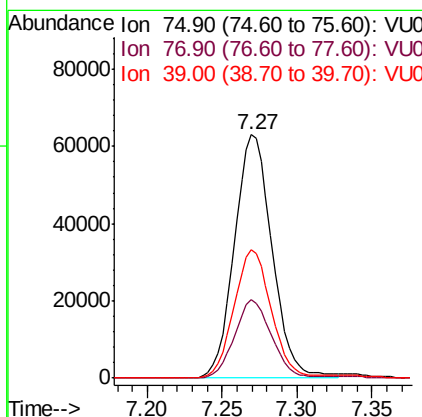
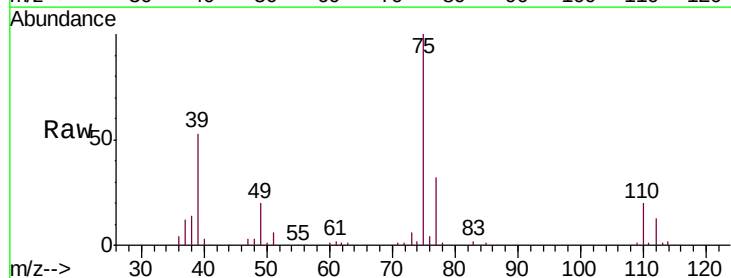
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MS

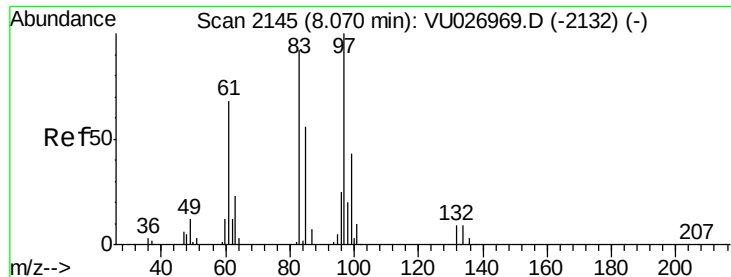
Tgt Ion: 75 Resp: 108822
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 48.839 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Tgt Ion: 75 Resp: 110714
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.0
 39 52.7 41.6 62.4

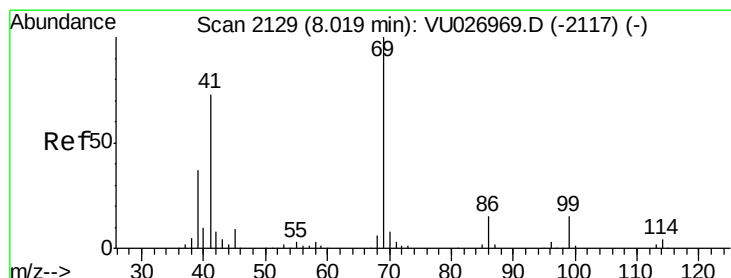
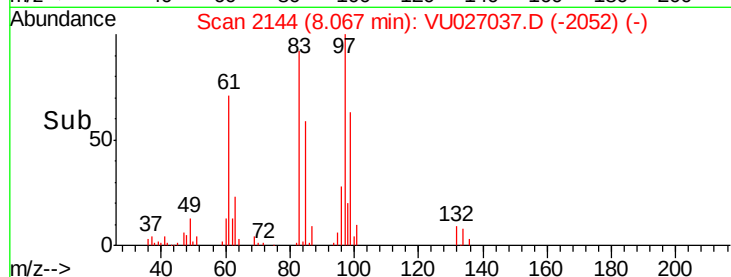
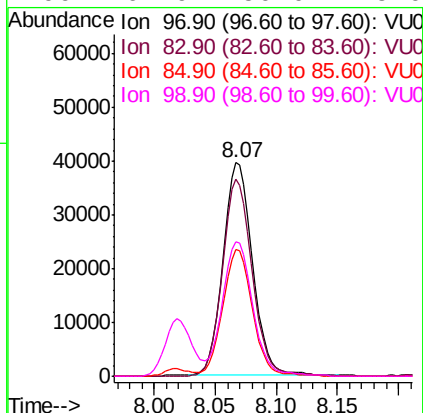
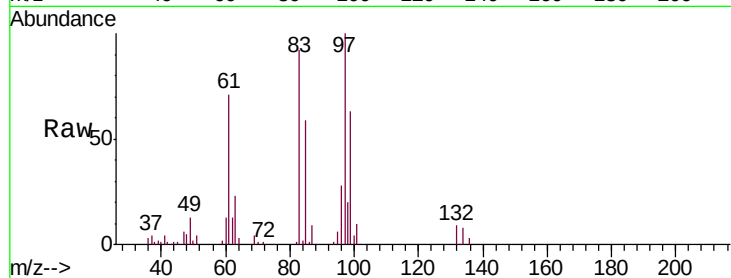




#55
 1,1,2-Trichloroethane
 Concen: 50.137 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

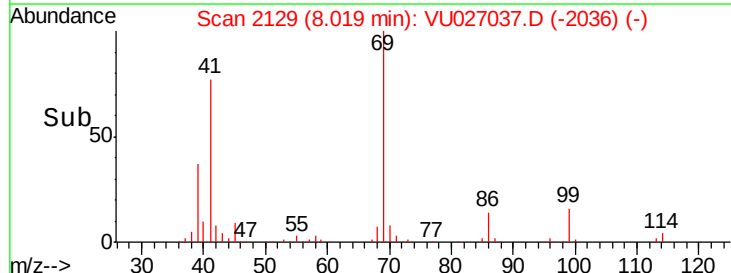
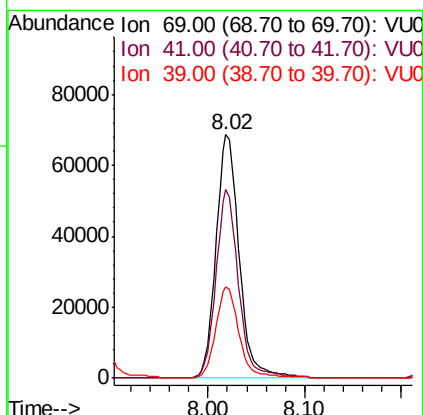
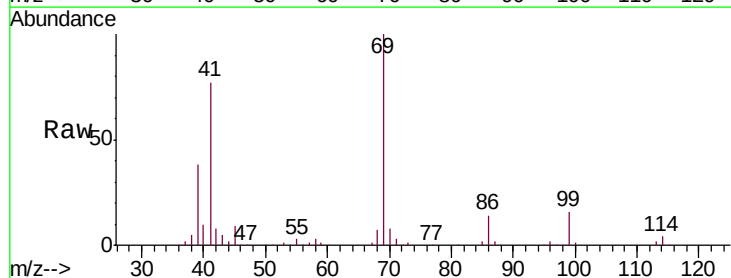
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MS

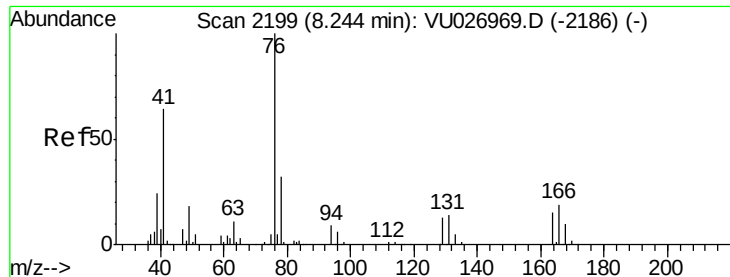
Tgt Ion:	97	Resp:	67154
Ion	Ratio	Lower	Upper
97	100		
83	92.3	73.1	109.7
85	59.5	46.7	70.1
99	62.9	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 49.233 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Tgt Ion:	69	Resp:	114336
Ion	Ratio	Lower	Upper
69	100		
41	75.9	59.0	88.4
39	37.2	30.2	45.4

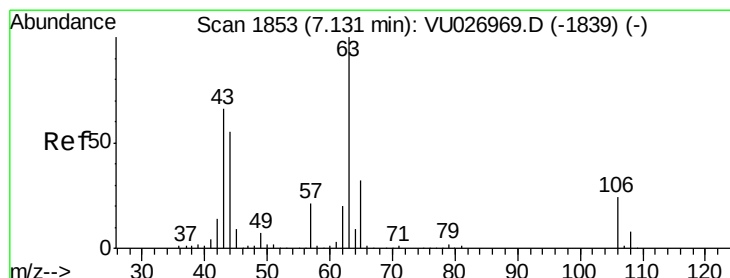
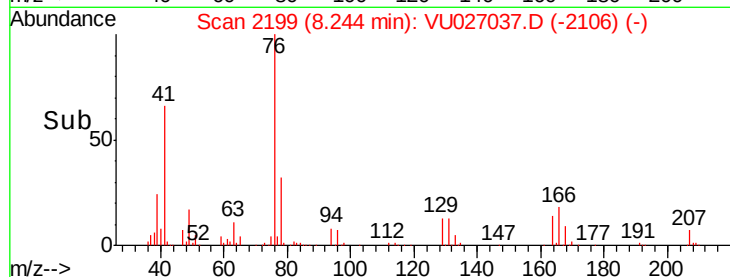
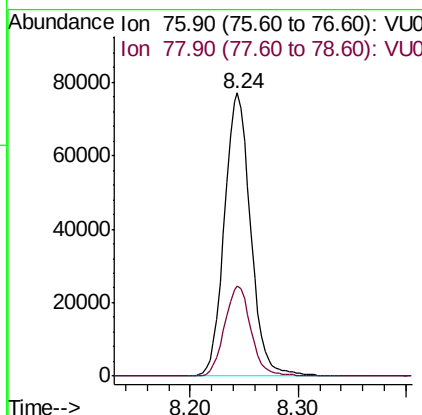
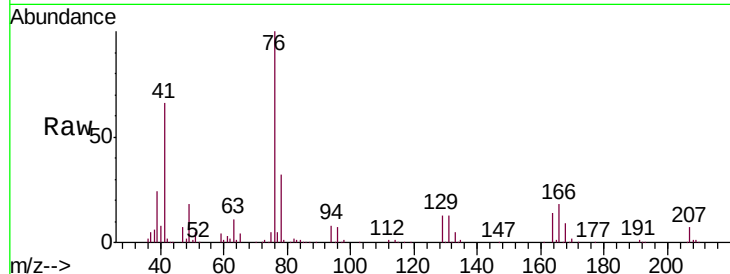




#57
 1,3-Dichloropropane
 Concen: 52.353 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

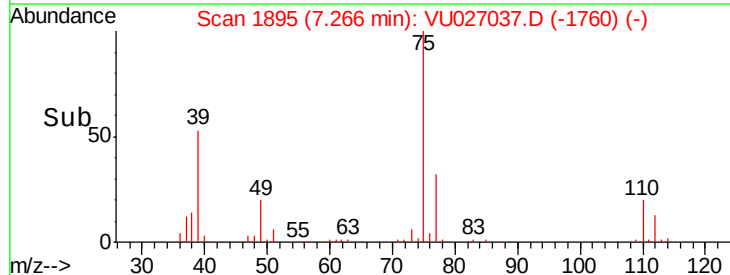
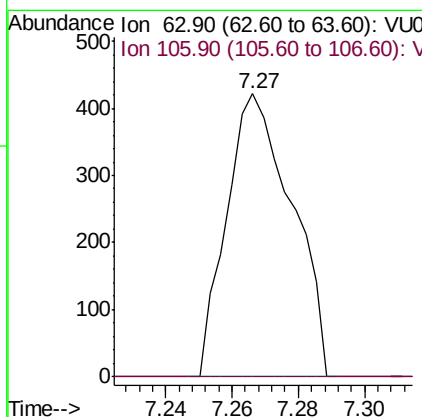
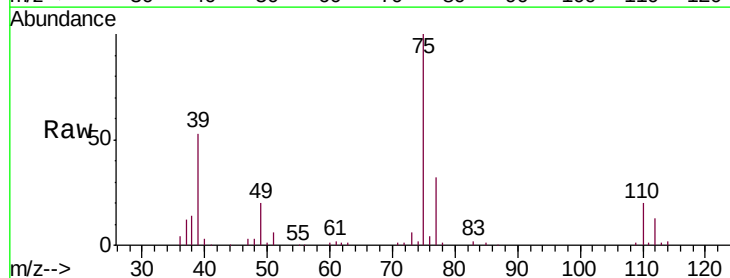
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MS

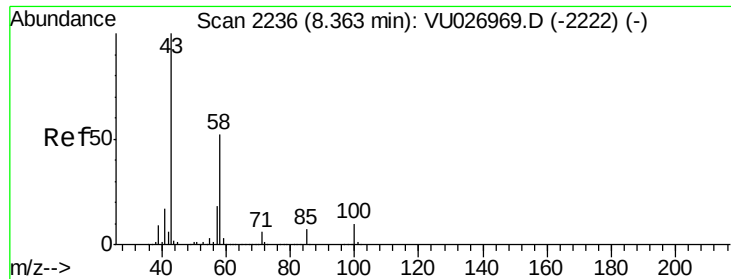
Tgt Ion: 76 Resp: 130420
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 5.291 ug/l
 RT: 7.27 min Scan# 1895
 Delta R.T. 0.14 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Tgt Ion: 63 Resp: 578
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.7 28.1#

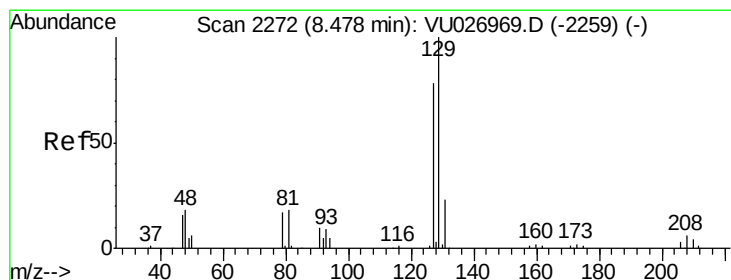
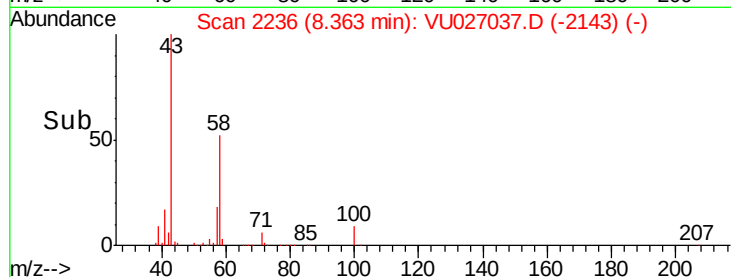
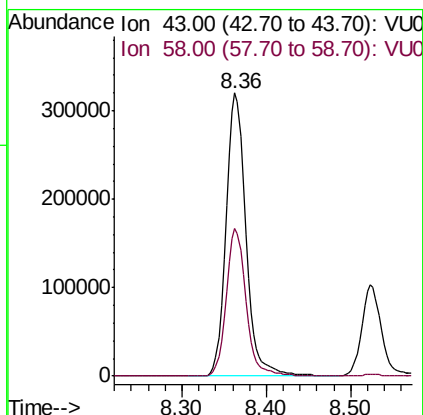
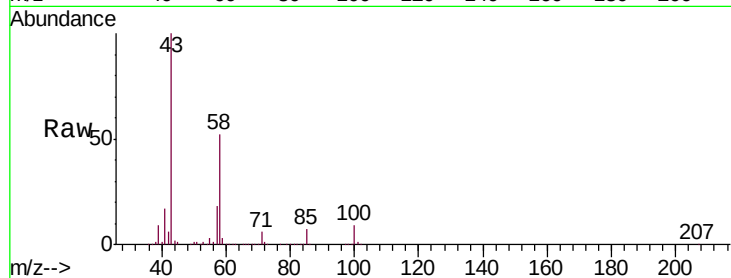




#59
2-Hexanone
Concen: 277.641 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

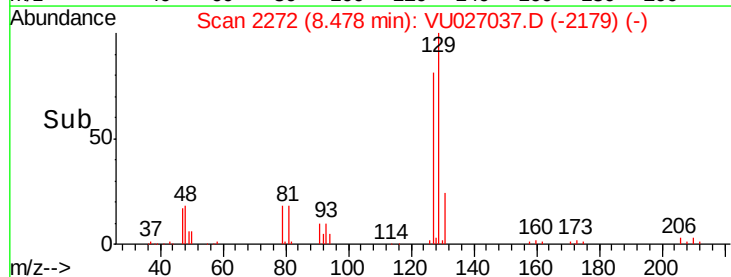
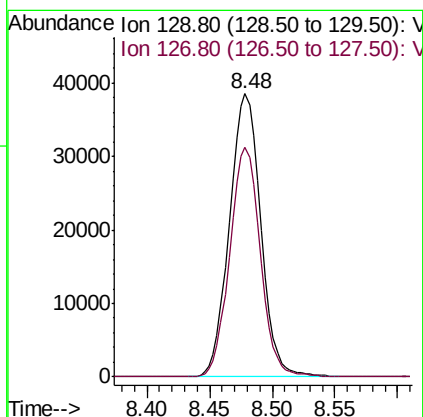
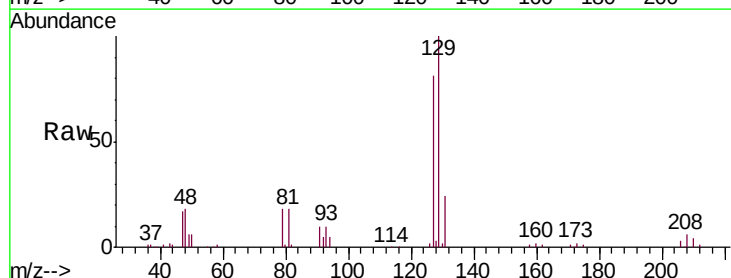
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MS

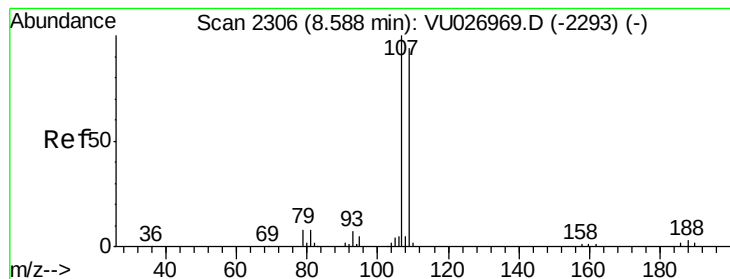
Tgt Ion: 43 Resp: 523491
Ion Ratio Lower Upper
43 100
58 51.8 26.1 78.2



#60
Dibromochloromethane
Concen: 50.967 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Tgt Ion: 129 Resp: 66961
Ion Ratio Lower Upper
129 100
127 79.1 38.1 114.5





#61

1,2-Dibromoethane

Concen: 50.259 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

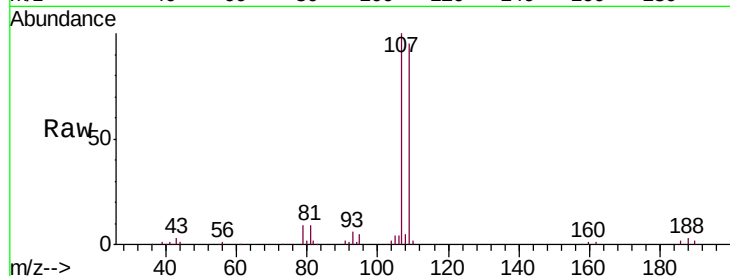
BPSI-TT-MW308D-20180914MS

Tgt Ion: 107 Resp: 70042

Ion Ratio Lower Upper

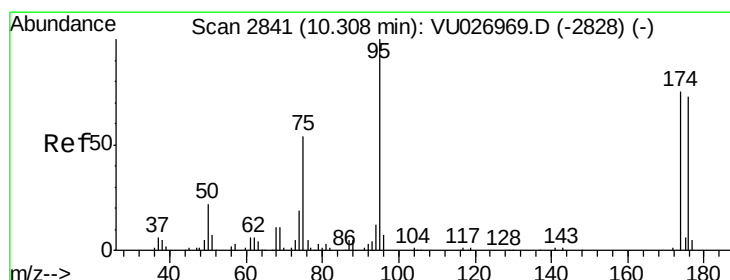
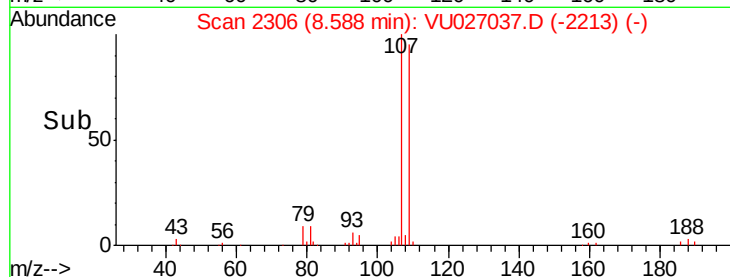
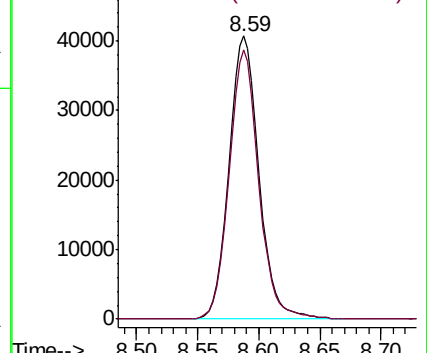
107 100

109 94.1 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.527 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

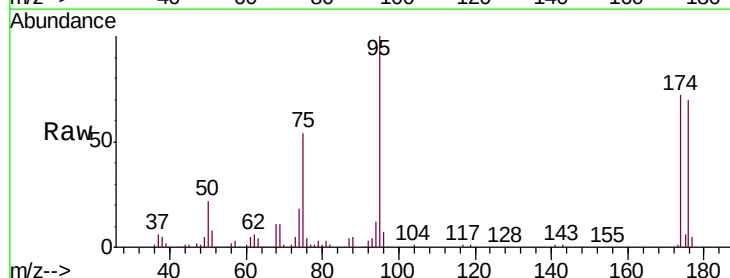
Tgt Ion: 95 Resp: 82469

Ion Ratio Lower Upper

95 100

174 73.2 0.0 150.2

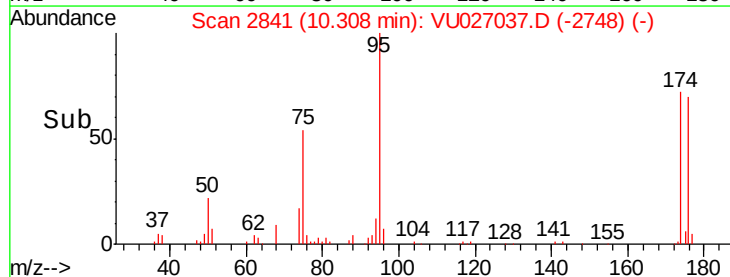
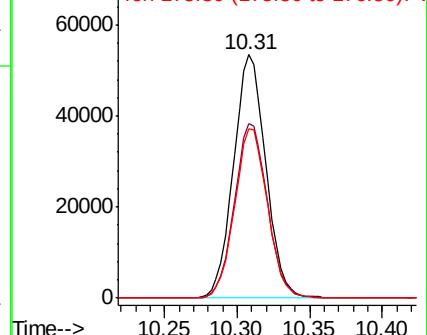
176 70.7 0.0 145.2

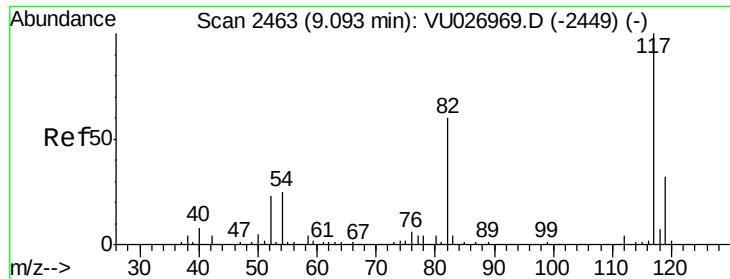


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

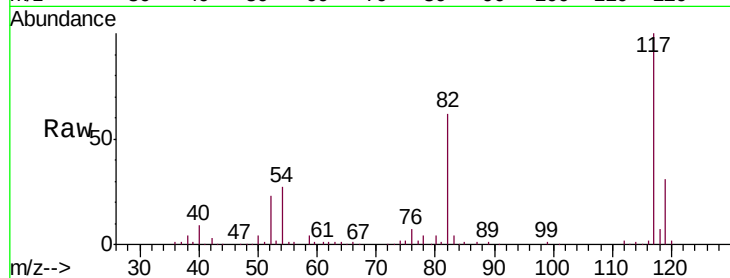




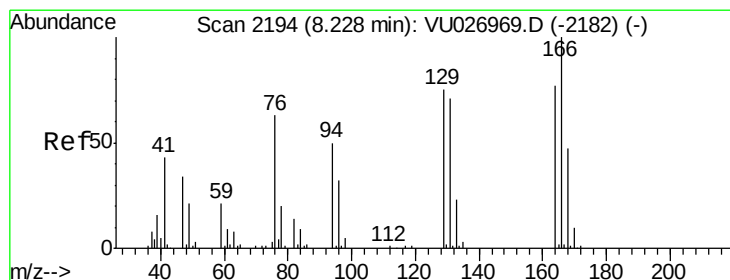
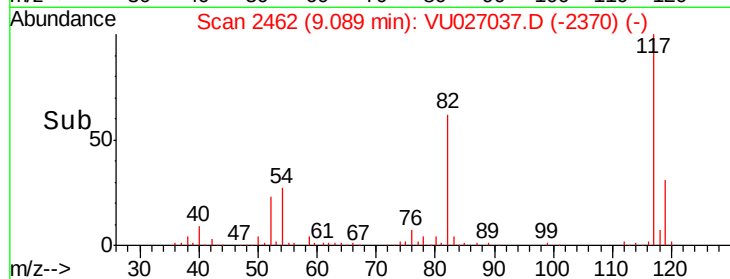
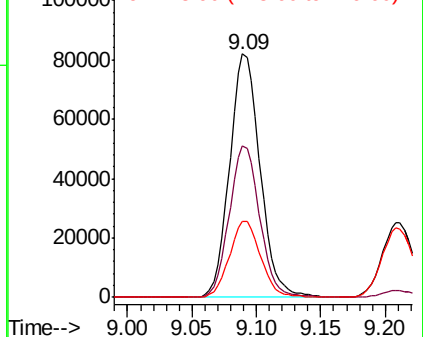
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

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

Tgt Ion:117 Resp: 134666
Ion Ratio Lower Upper
117 100
82 62.0 48.0 72.0
119 31.3 25.8 38.8



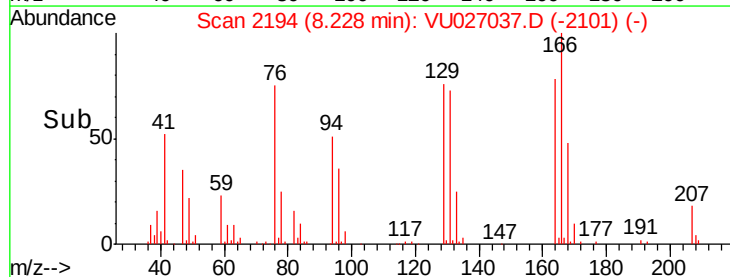
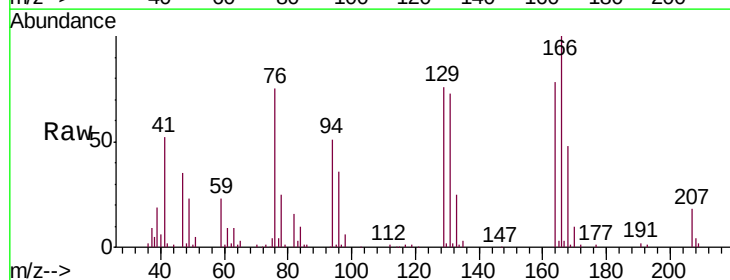
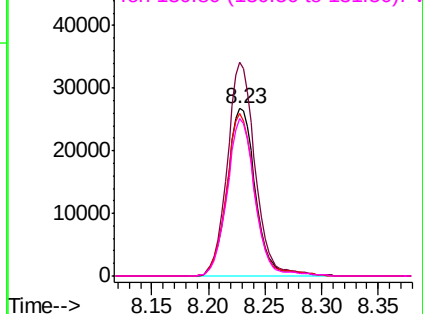
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

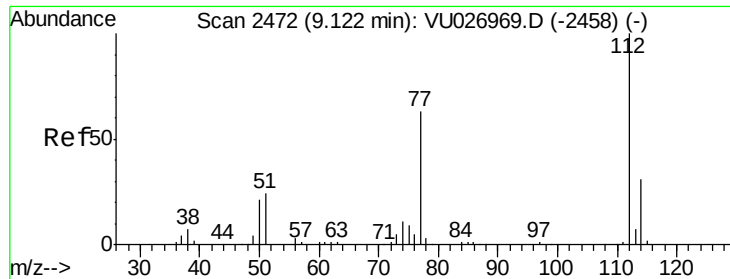


#64
Tetrachloroethene
Concen: 45.010 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Tgt Ion:164 Resp: 46707
Ion Ratio Lower Upper
164 100
166 127.7 104.4 156.6
129 97.1 78.7 118.1
131 93.8 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

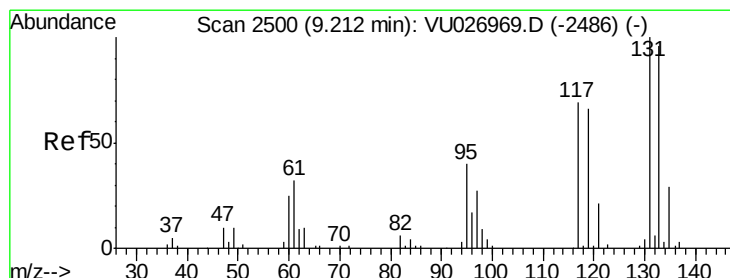
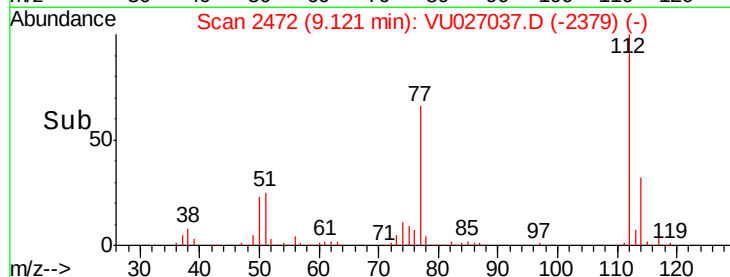
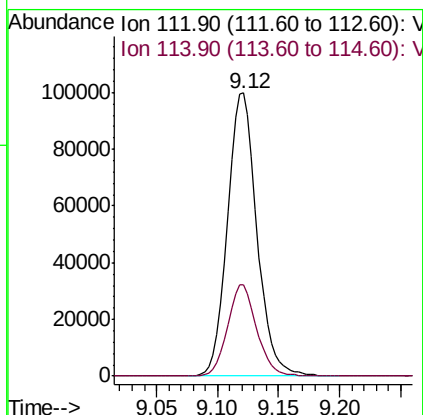
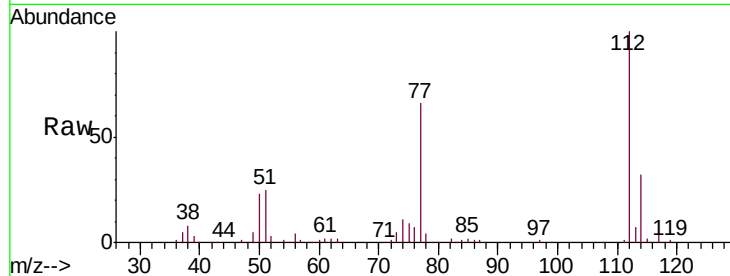




#65
Chlorobenzene
Concen: 47.182 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

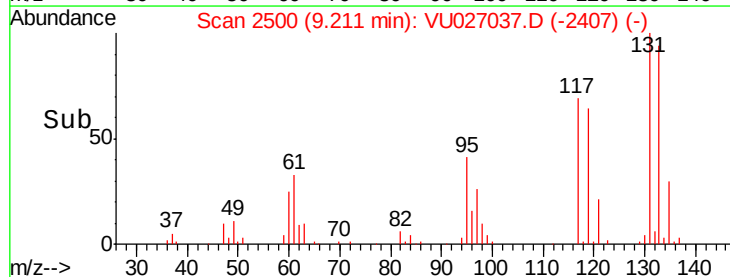
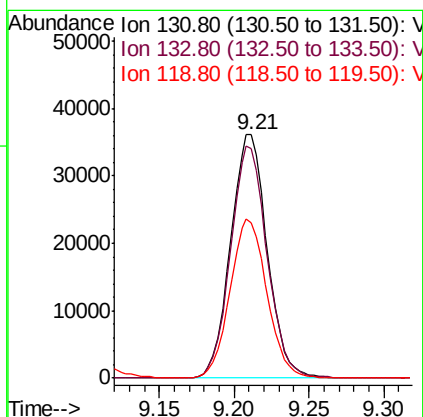
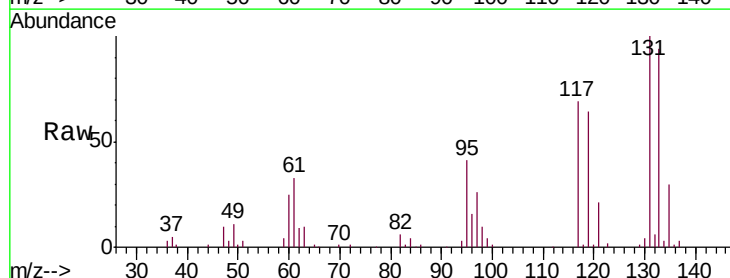
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MS

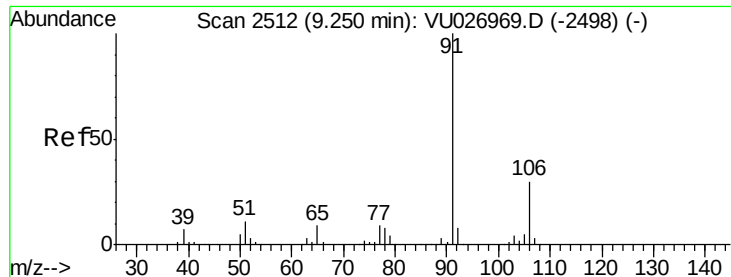
Tgt Ion:112 Resp: 168473
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.904 ug/l
RT: 9.21 min Scan# 2500
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Tgt Ion:131 Resp: 61375
Ion Ratio Lower Upper
131 100
133 95.2 48.0 144.2
119 65.9 33.4 100.1

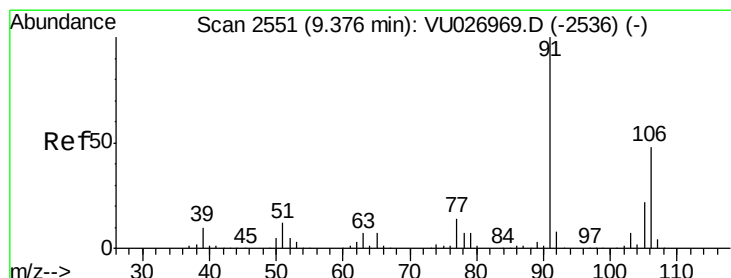
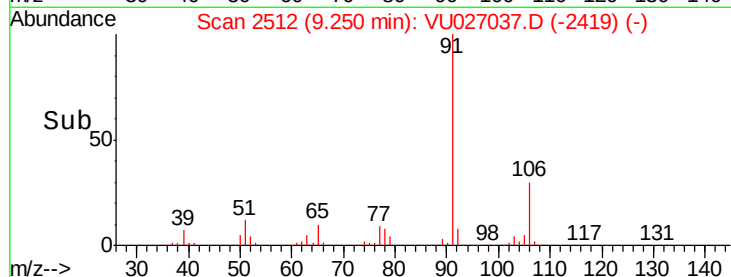
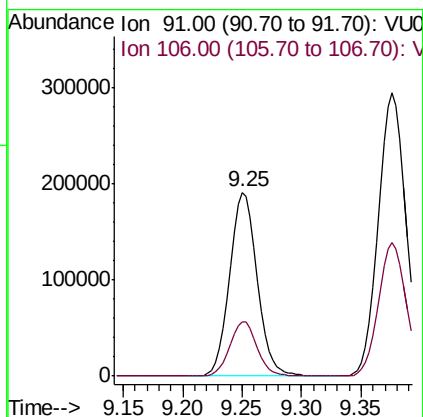
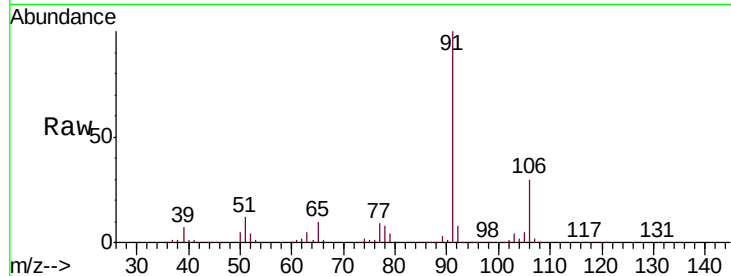




#67
 Ethyl Benzene
 Concen: 52.235 ug/l
 RT: 9.25 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

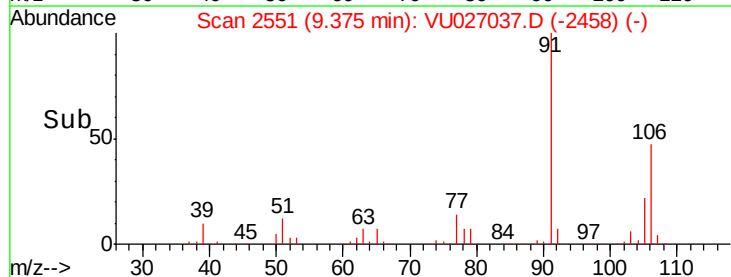
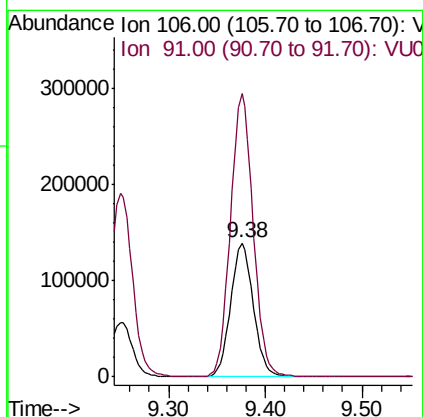
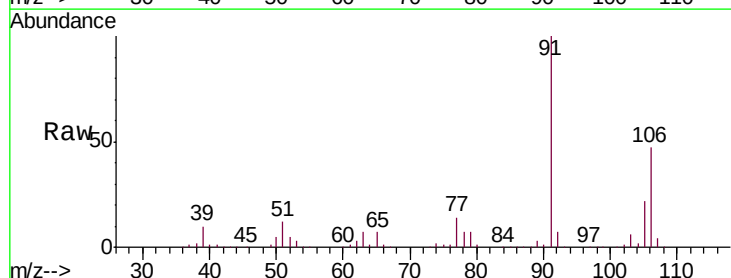
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MS

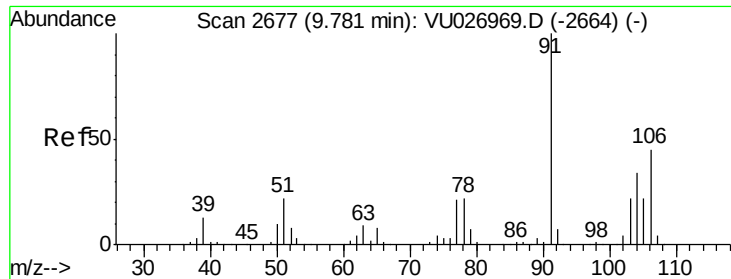
Tgt Ion: 91 Resp: 306702
 Ion Ratio Lower Upper
 91 100
 106 29.8 23.8 35.8



#68
 m/p-Xylenes
 Concen: 95.311 ug/l
 RT: 9.38 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Tgt Ion: 106 Resp: 226470
 Ion Ratio Lower Upper
 106 100
 91 211.2 166.5 249.7

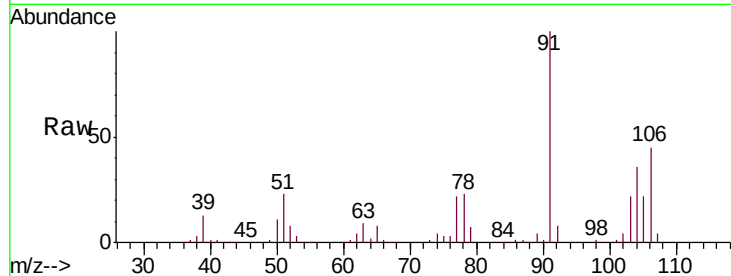




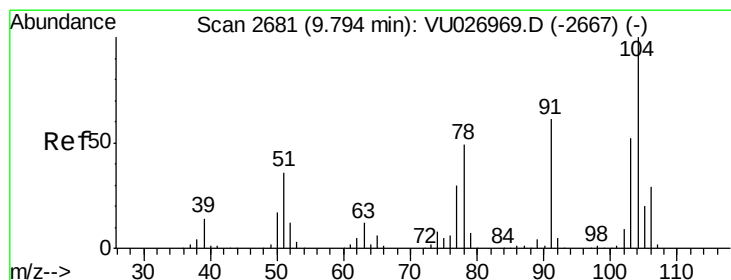
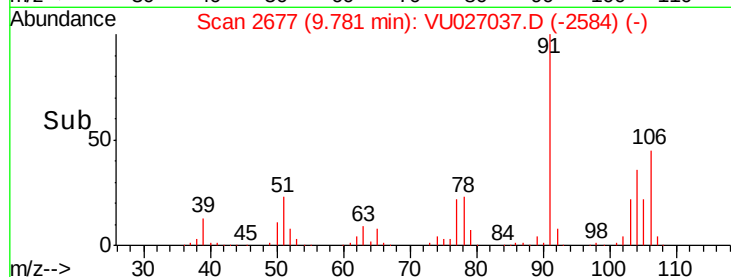
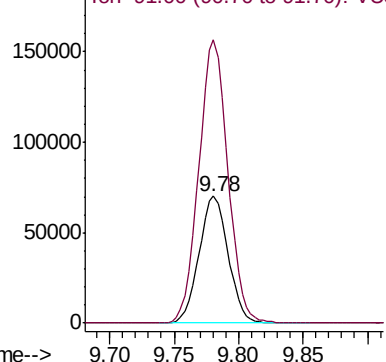
#69
o-Xylene
Concen: 52.884 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

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

Tgt Ion:106 Resp: 110019
Ion Ratio Lower Upper
106 100
91 223.0 110.2 330.6

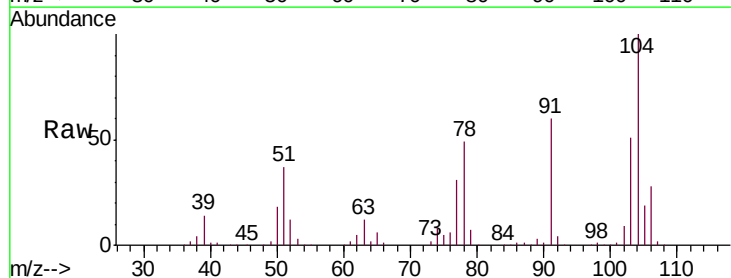


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

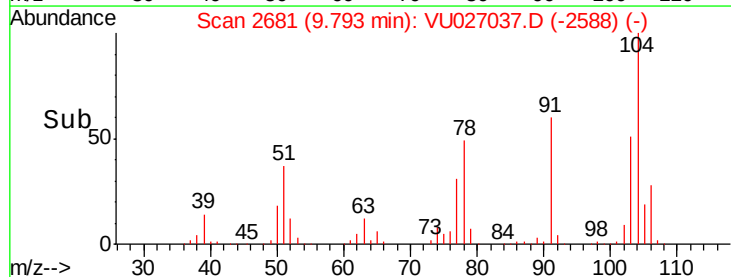
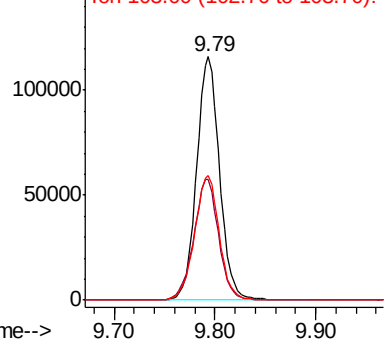


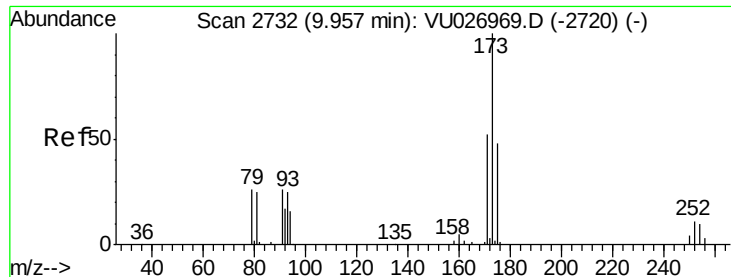
#70
Styrene
Concen: 47.532 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Tgt Ion:104 Resp: 184273
Ion Ratio Lower Upper
104 100
78 53.7 43.0 64.4
103 55.2 44.1 66.1



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

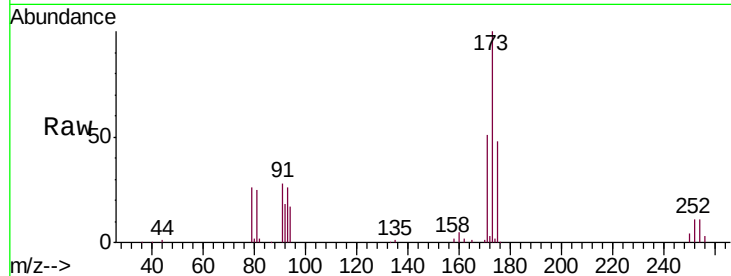




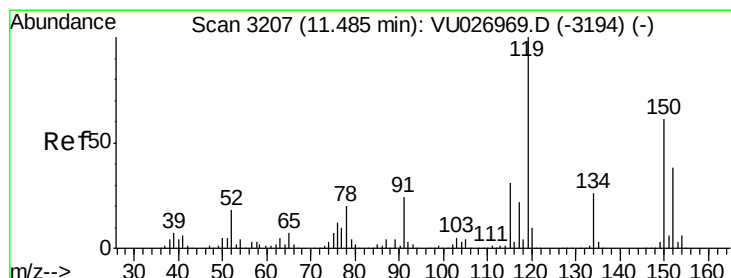
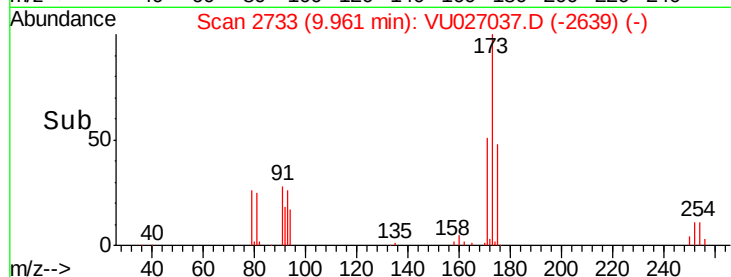
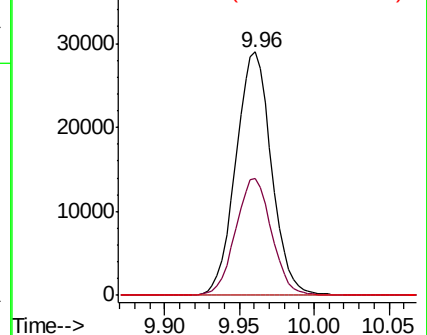
#71
 Bromoform
 Concen: 50.555 ug/l
 RT: 9.96 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

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

Tgt Ion:173 Resp: 48081
 Ion Ratio Lower Upper
 173 100
 175 48.4 23.9 71.8
 254 0.0 0.0 0.0

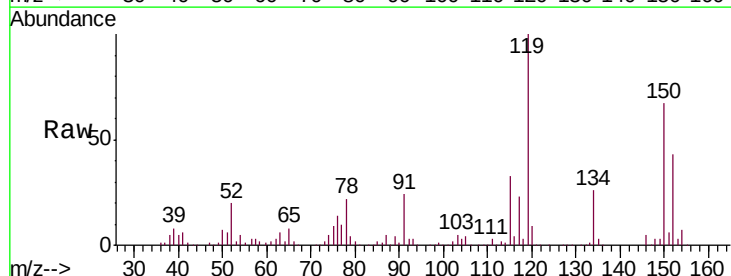


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

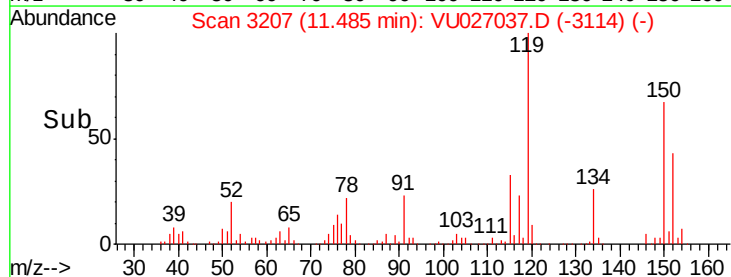
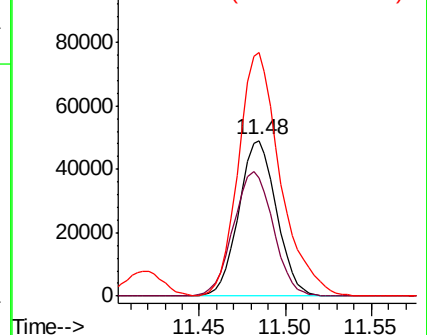


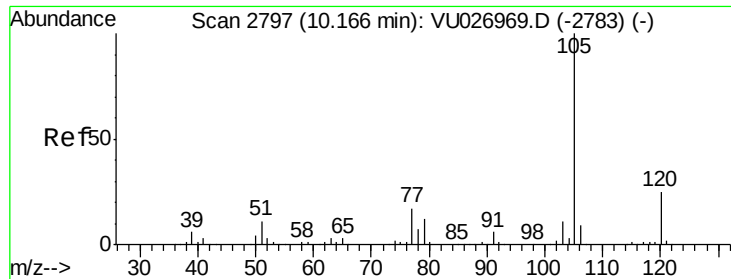
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3207
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Tgt Ion:152 Resp: 74727
 Ion Ratio Lower Upper
 152 100
 115 84.6 44.9 134.5
 150 174.3 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: 51.562 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

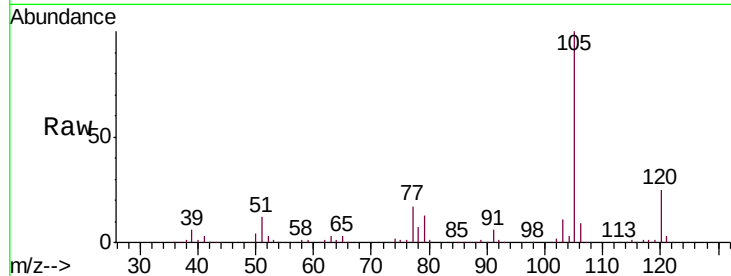
BPSI-TT-MW308D-20180914MS

Tgt Ion: 105 Resp: 293100

Ion Ratio Lower Upper

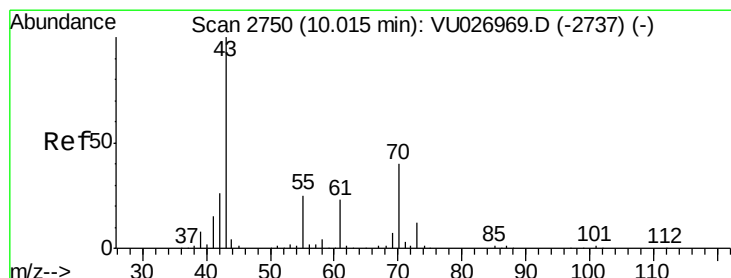
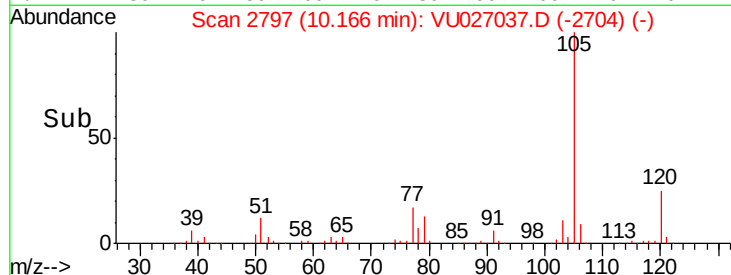
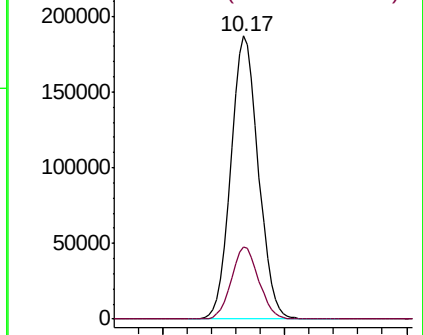
105 100

120 25.5 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: 49.414 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Tgt Ion: 43 Resp: 162589

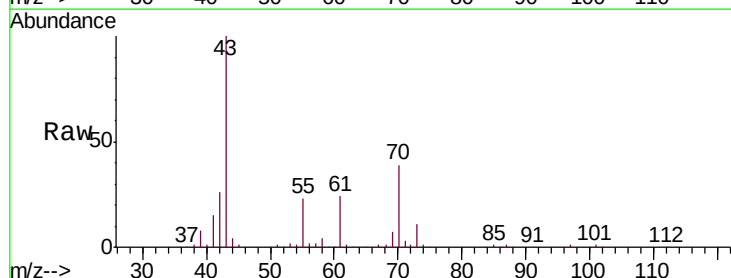
Ion Ratio Lower Upper

43 100

70 38.9 31.8 47.8

55 24.5 19.9 29.9

61 23.1 18.4 27.6

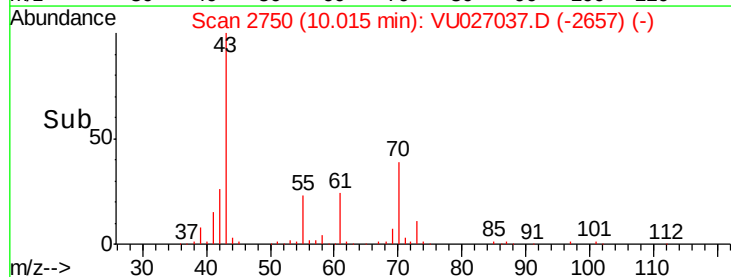
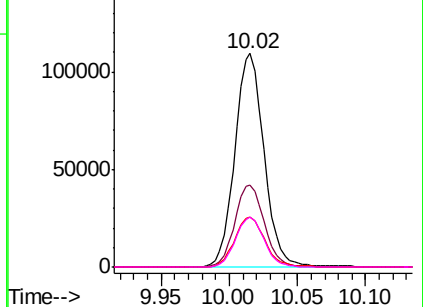


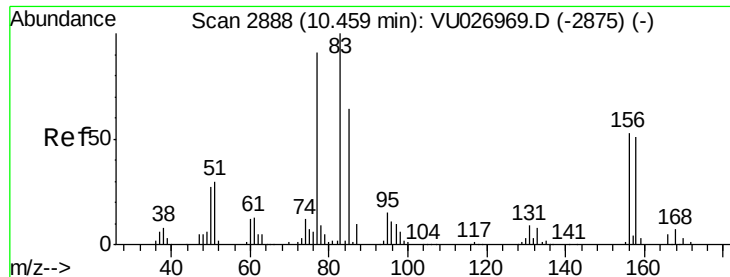
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 45.830 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MS

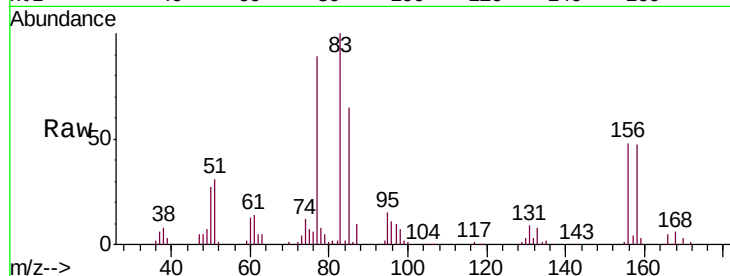
Tgt Ion: 83 Resp: 119779

Ion Ratio Lower Upper

83 100

131 8.6 4.3 12.8

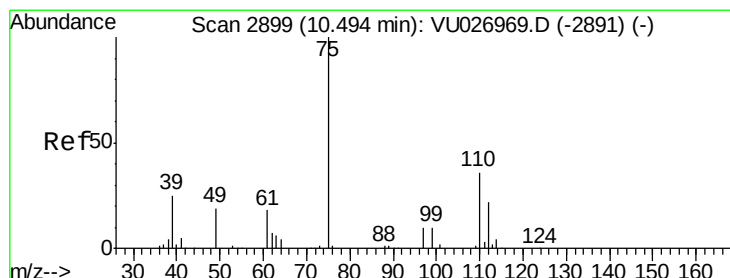
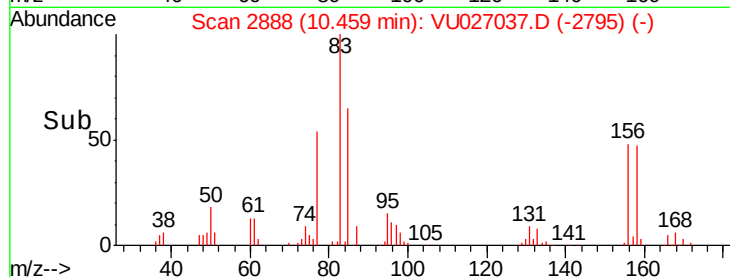
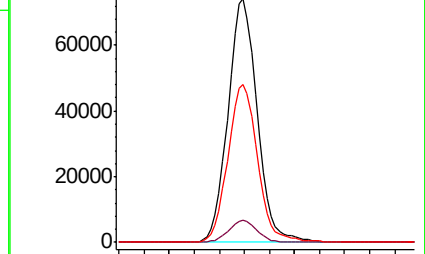
85 65.9 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VU027037.D (-2795) (-)

Ion 130.80 (130.50 to 131.50): VU027037.D (-2795) (-)

Ion 84.90 (84.60 to 85.60): VU027037.D (-2795) (-)



#76

1,2,3-Trichloropropane

Concen: 63.927 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VU027037.D

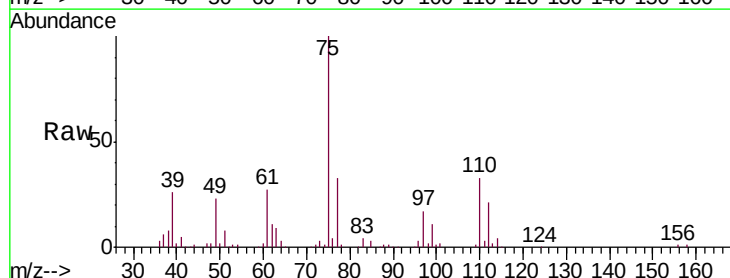
Acq: 22 Sep 2018 23:33

Tgt Ion: 75 Resp: 145126

Ion Ratio Lower Upper

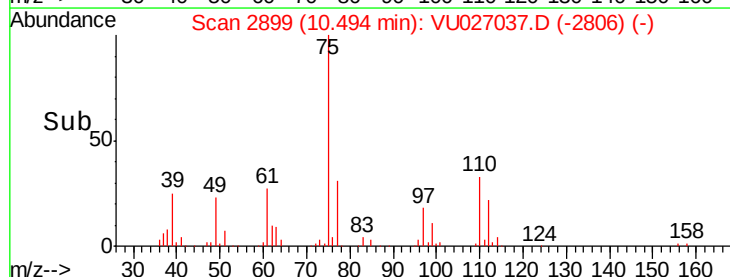
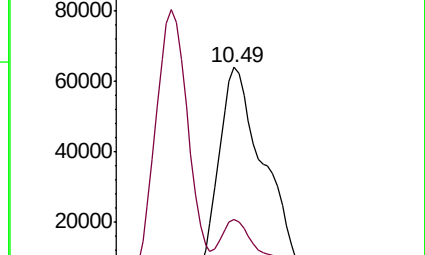
75 100

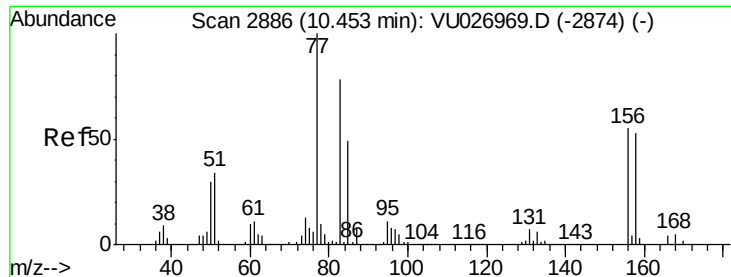
77 29.8 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU027037.D (-2806) (-)

Ion 77.00 (76.70 to 77.70): VU027037.D (-2806) (-)





#77

Bromobenzene

Concen: 48.566 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MS

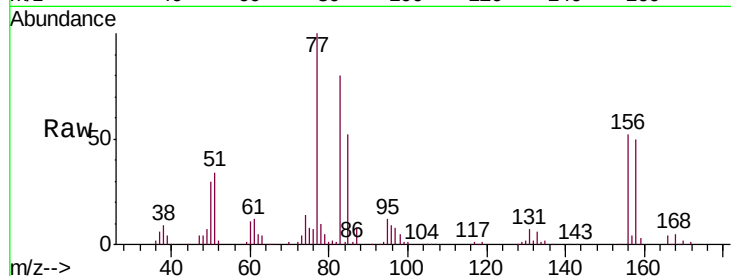
Tgt Ion:156 Resp: 67462

Ion Ratio Lower Upper

156 100

77 192.4 92.3 276.9

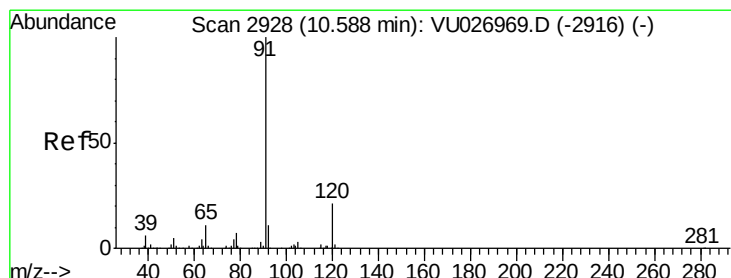
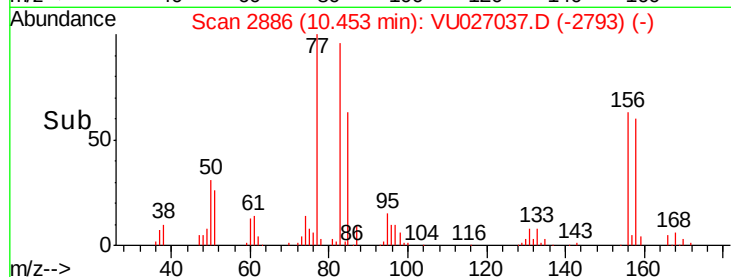
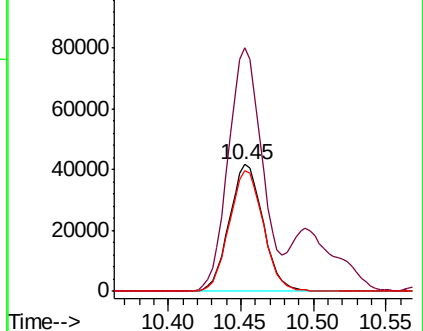
158 96.1 48.1 144.3



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: 52.624 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027037.D

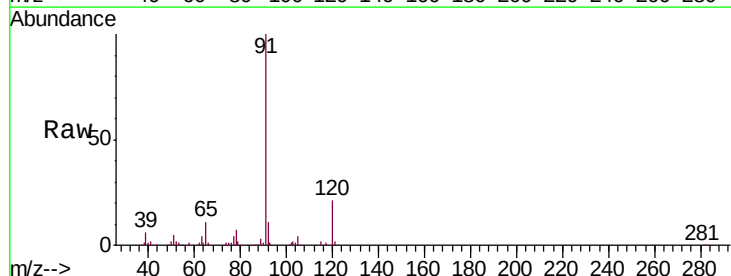
Acq: 22 Sep 2018 23:33

Tgt Ion: 91 Resp: 353947

Ion Ratio Lower Upper

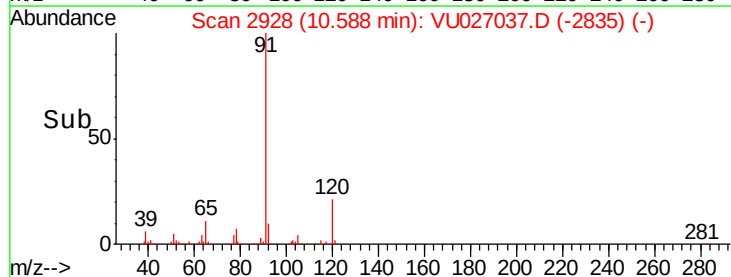
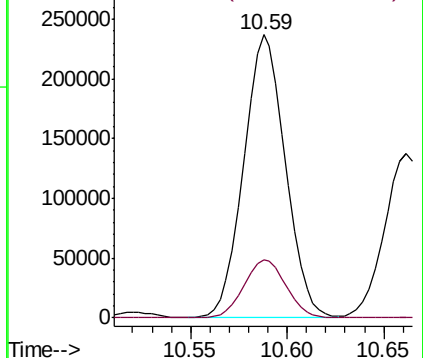
91 100

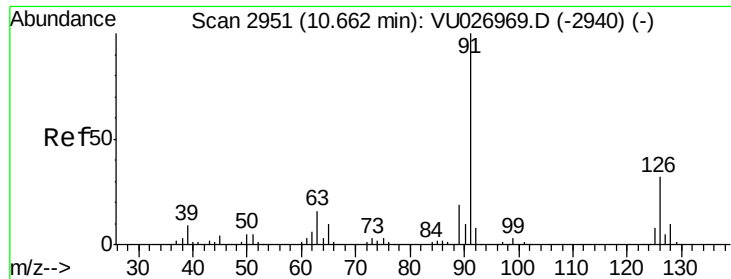
120 20.8 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.428 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

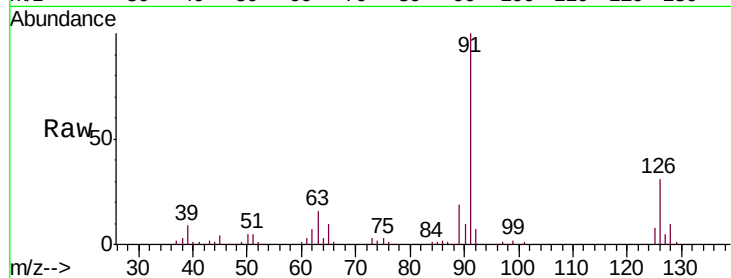
BPSI-TT-MW308D-20180914MS

Tgt Ion: 91 Resp: 213047

Ion Ratio Lower Upper

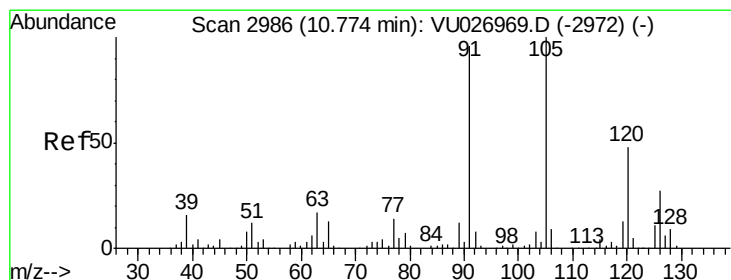
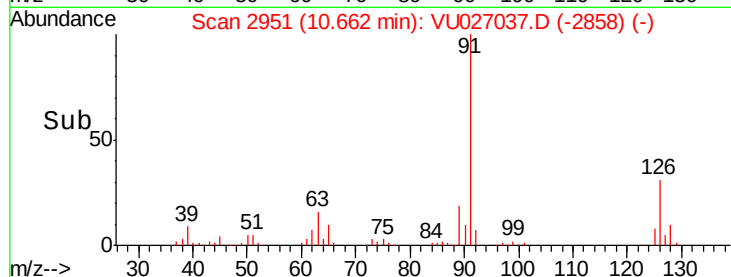
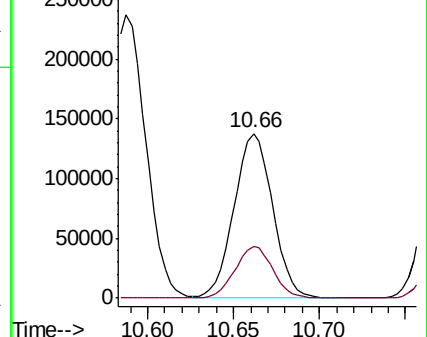
91 100

126 31.2 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-2940) (-)

Ion 125.90 (125.60 to 126.60): VU026969.D (-2940) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.376 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. -0.00 min

Lab File: VU027037.D

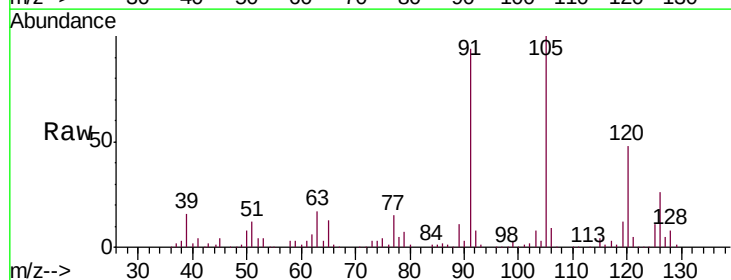
Acq: 22 Sep 2018 23:33

Tgt Ion: 105 Resp: 245766

Ion Ratio Lower Upper

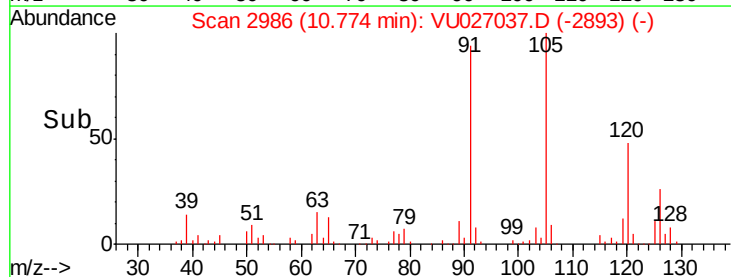
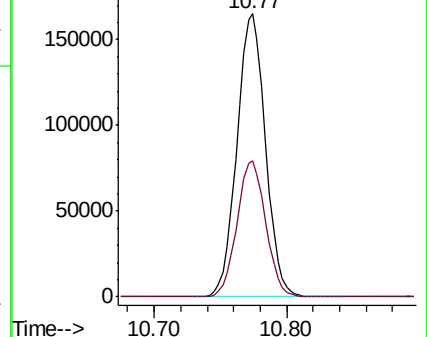
105 100

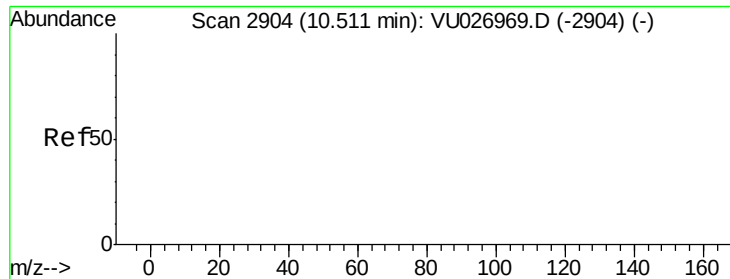
120 48.5 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VU026969.D (-2972) (-)

Ion 120.00 (119.70 to 120.70): VU026969.D (-2972) (-)

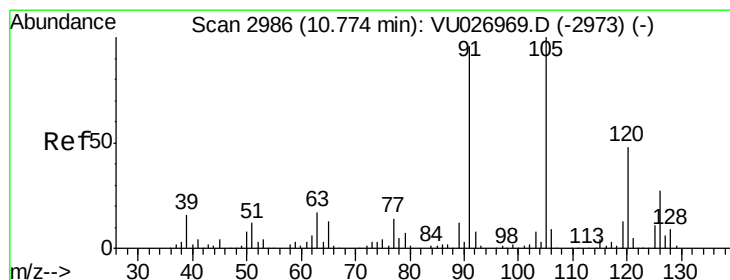
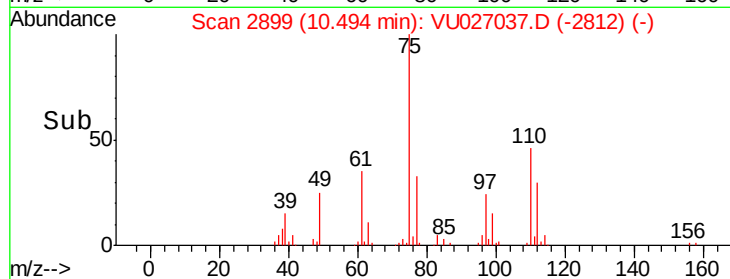
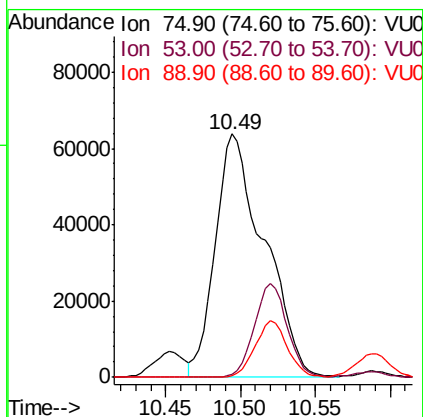
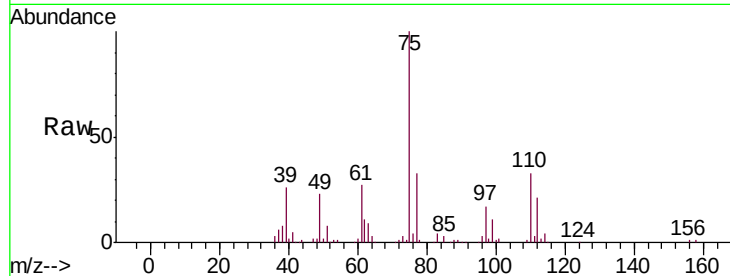




#81
trans-1,4-Dichloro-2-butene
Concen: 204.577 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

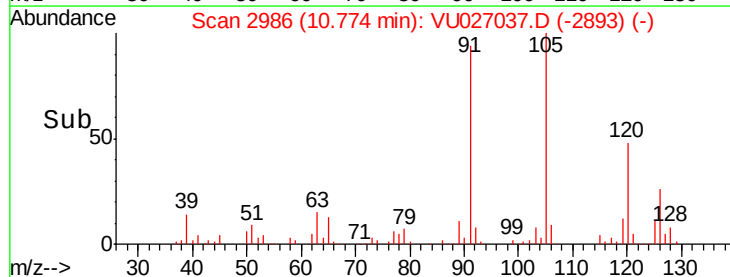
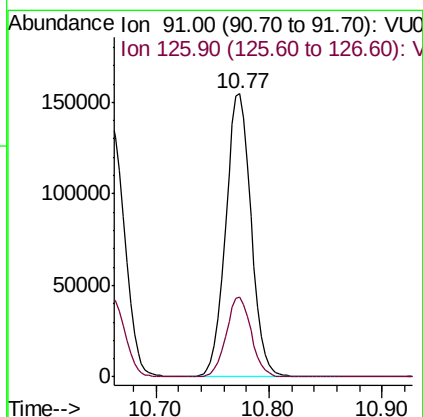
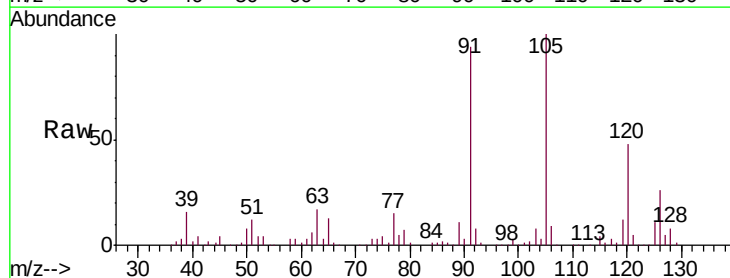
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MS

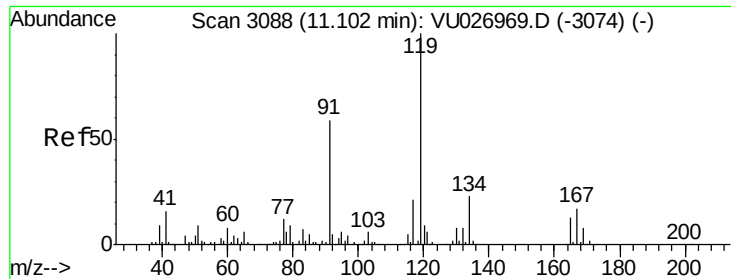
Tgt Ion: 75 Resp: 145126
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 50.891 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Tgt Ion: 91 Resp: 241078
Ion Ratio Lower Upper
91 100
126 27.9 14.1 42.2

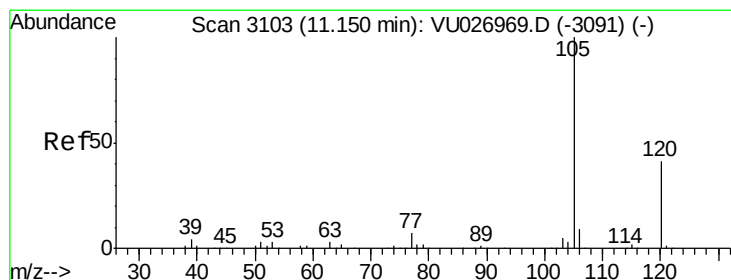
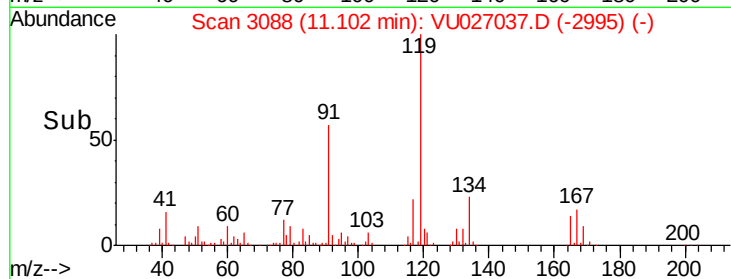
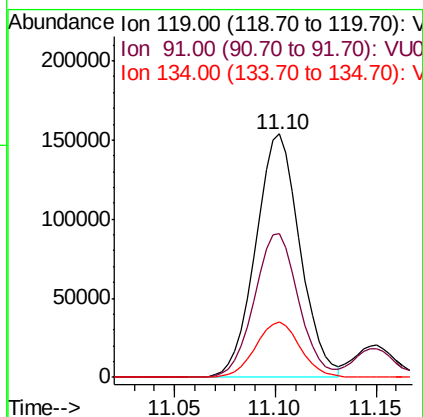
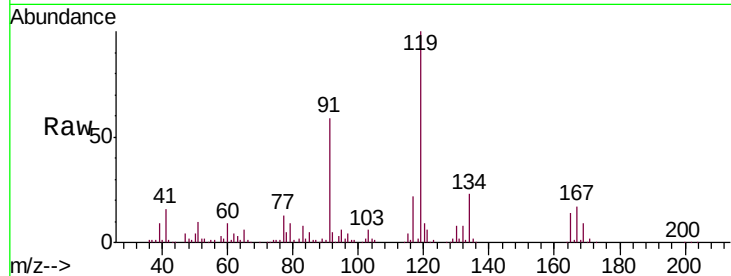




#83
 tert-Butylbenzene
 Concen: 50.806 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

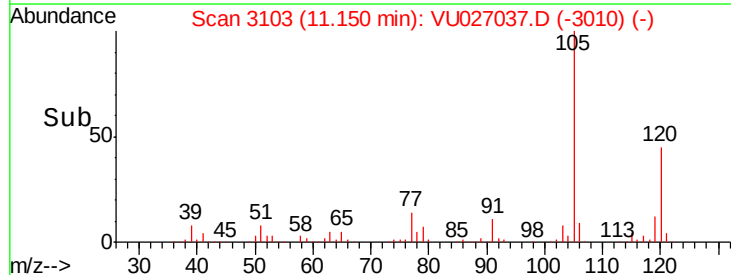
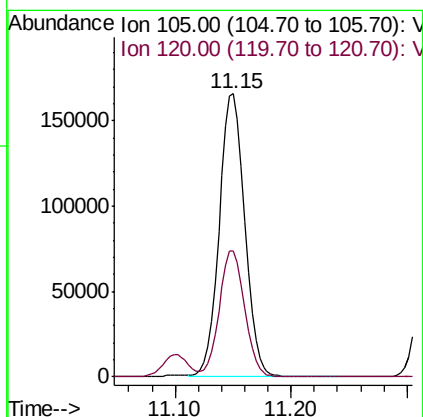
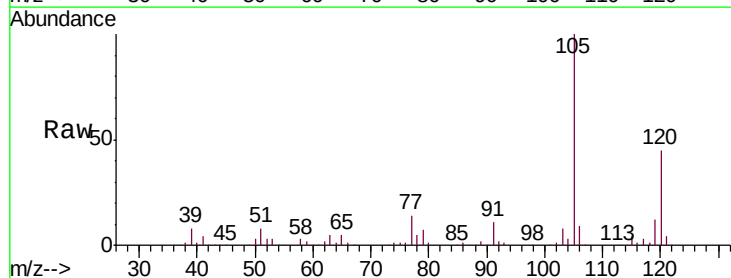
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MS

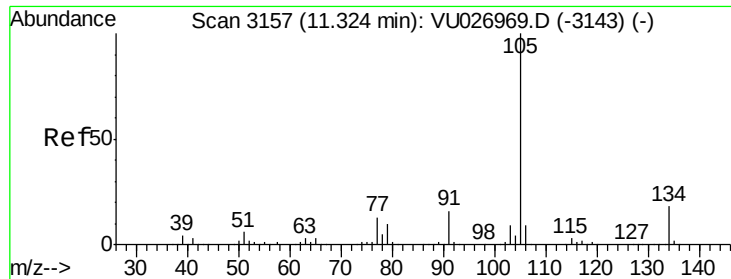
Tgt Ion	Ratio	Lower	Upper
119	100		
91	59.0	29.8	89.4
134	22.9	11.5	34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 52.965 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.4	67.2

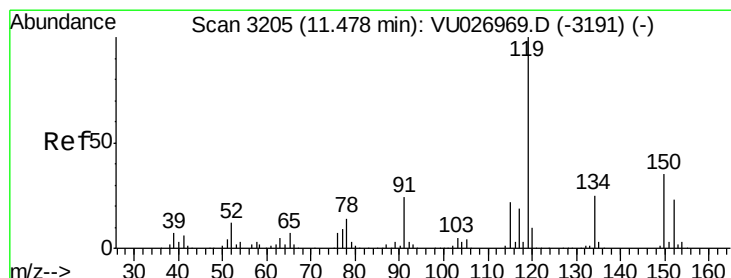
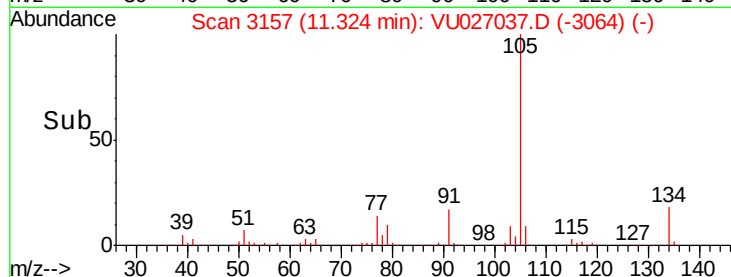
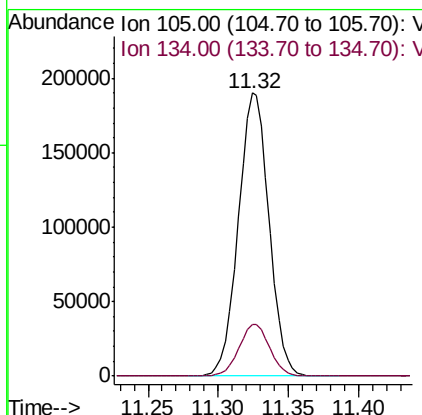
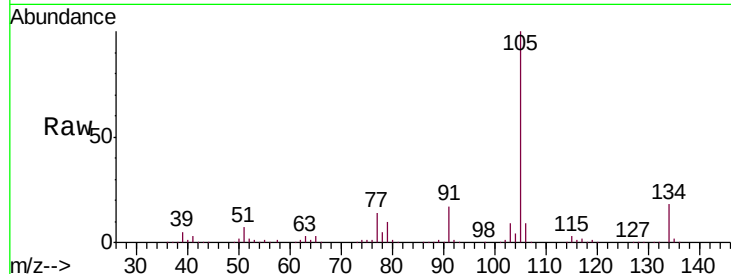




#85
 sec-Butylbenzene
 Concen: 50.998 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

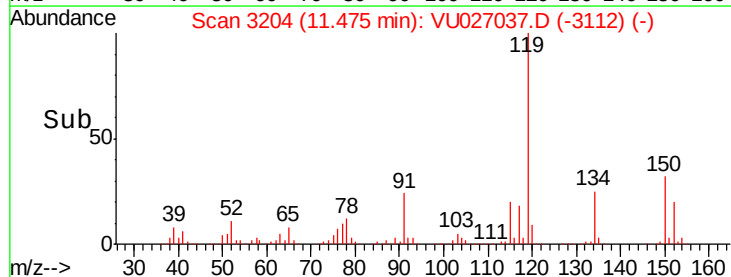
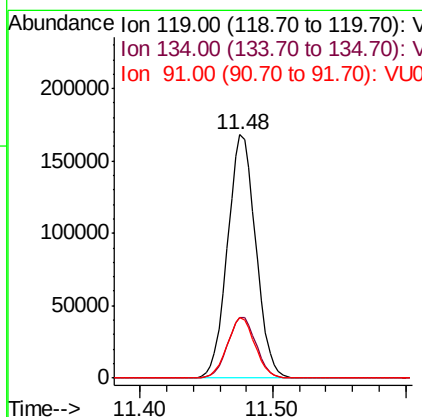
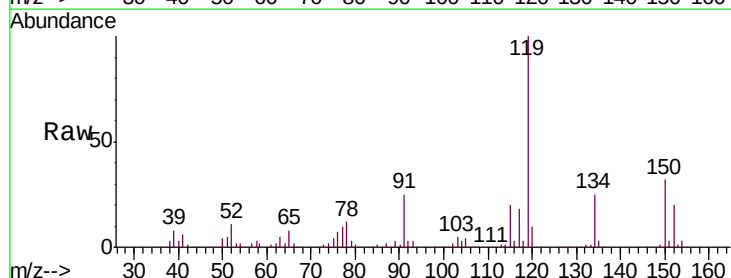
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MS

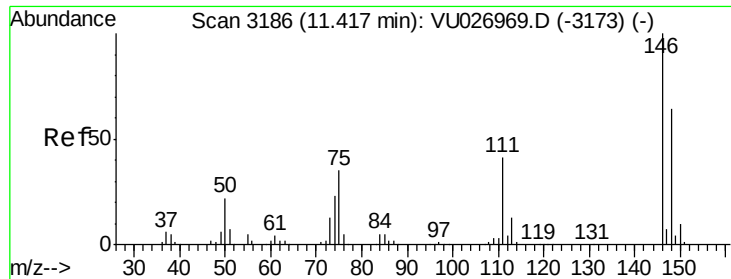
Tgt Ion:105 Resp: 288800
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 46.736 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Tgt Ion:119 Resp: 248014
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.8 38.3
 91 24.4 12.3 36.8

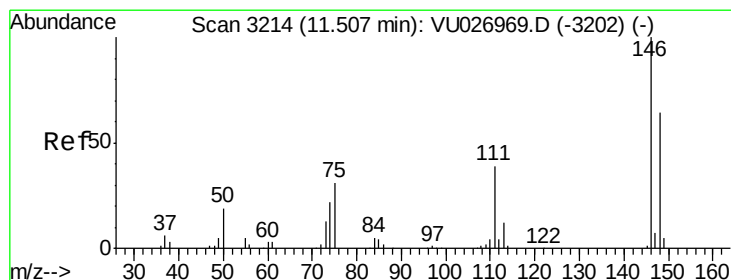
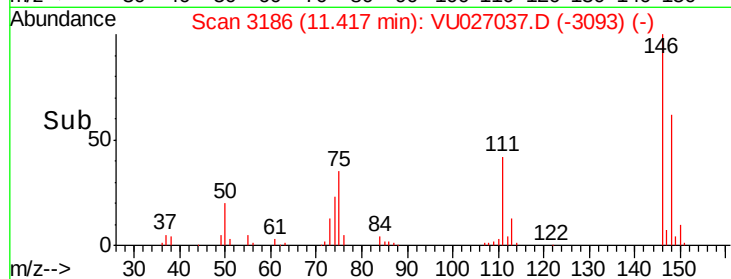
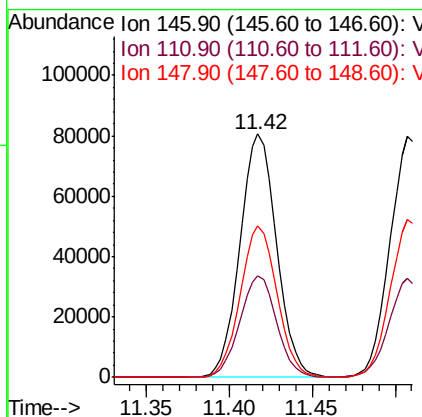
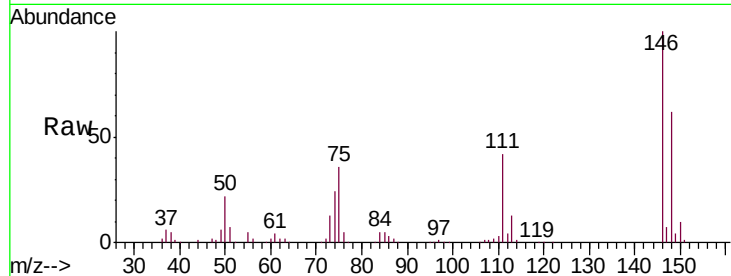




#87
 1,3-Dichlorobenzene
 Concen: 47.917 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

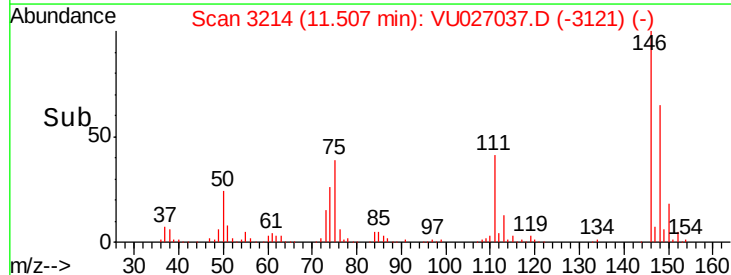
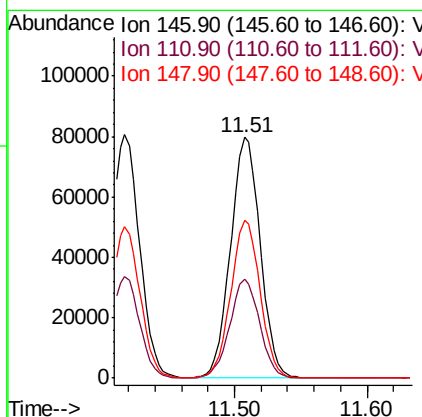
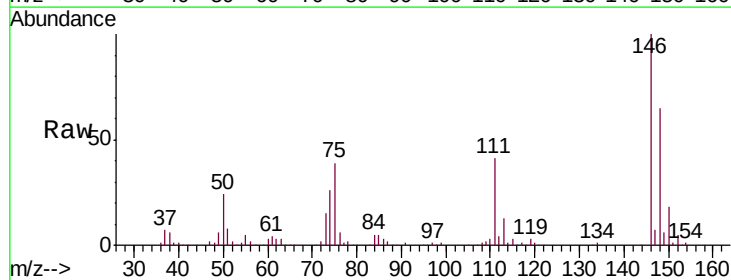
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MS

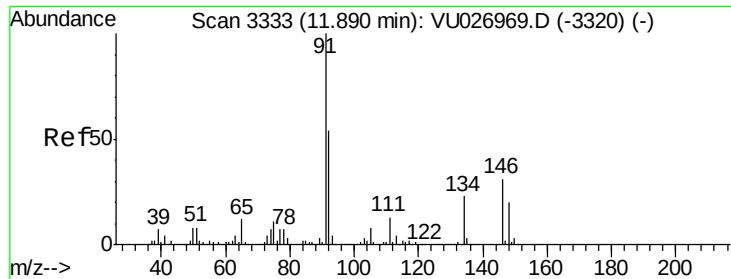
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.8	62.2
148	62.5	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 44.208 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.3	60.9
148	64.5	31.9	95.9





#89

n-Butylbenzene

Concen: 43.689 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleID :

BPSI-TT-MW308D-20180914MS

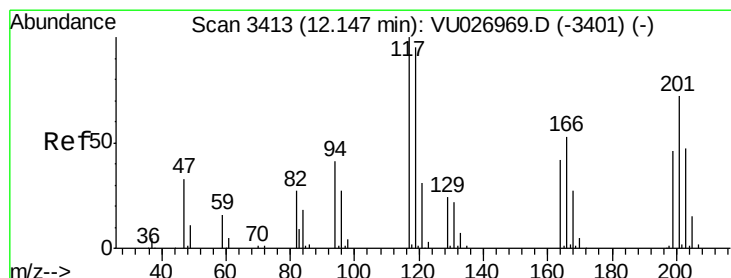
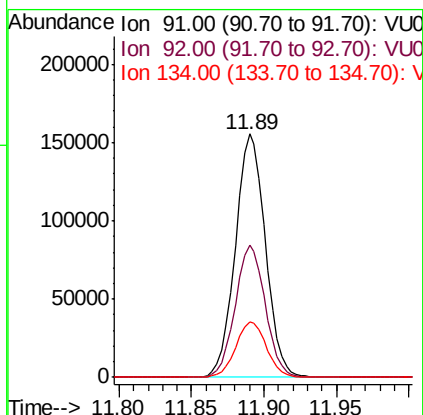
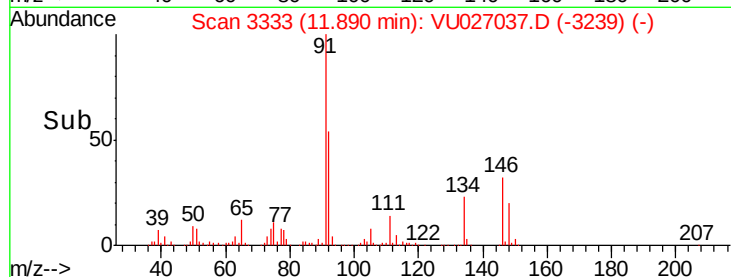
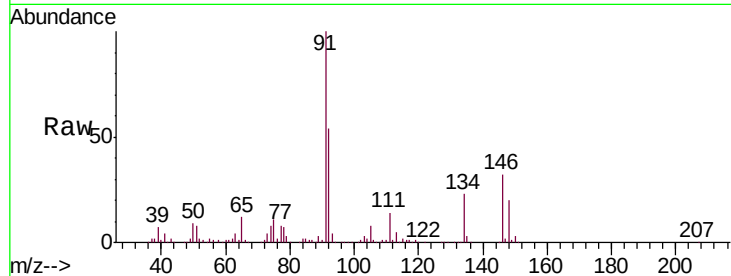
Tgt Ion: 91 Resp: 223409

Ion Ratio Lower Upper

91 100

92 54.4 27.1 81.2

134 23.2 11.7 35.0



#90

Hexachloroethane

Concen: 46.777 ug/l

RT: 12.15 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VU027037.D

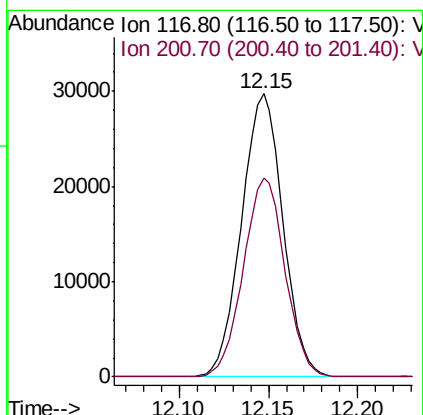
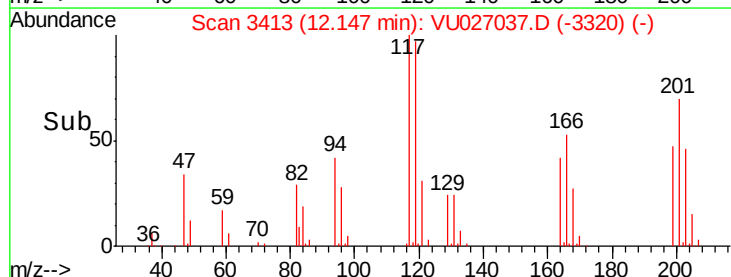
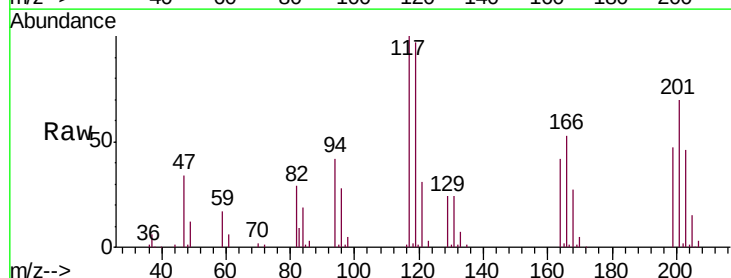
Acq: 22 Sep 2018 23:33

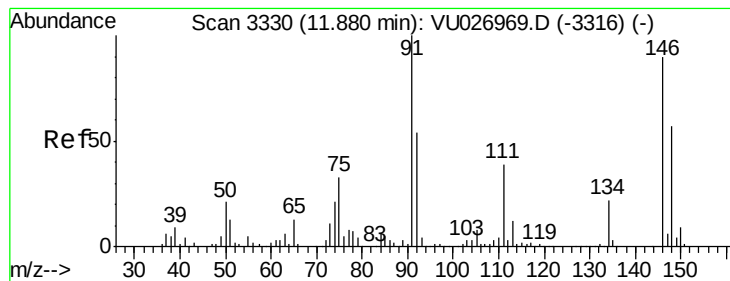
Tgt Ion: 117 Resp: 48171

Ion Ratio Lower Upper

117 100

201 70.6 36.8 110.3





#91

1,2-Dichlorobenzene

Concen: 45.730 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MS

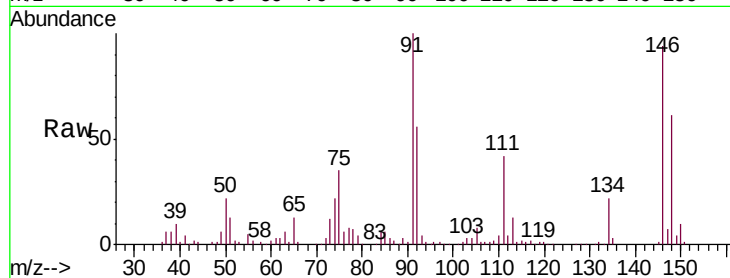
Tgt Ion:146 Resp: 125566

Ion Ratio Lower Upper

146 100

111 44.4 21.8 65.3

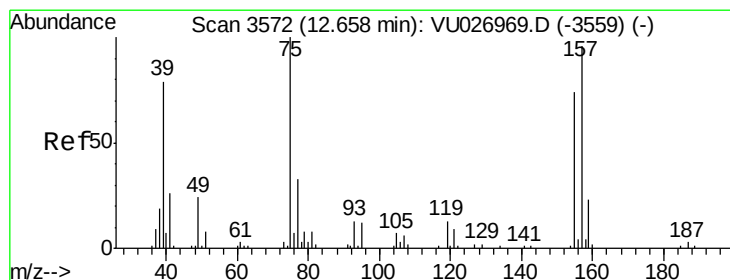
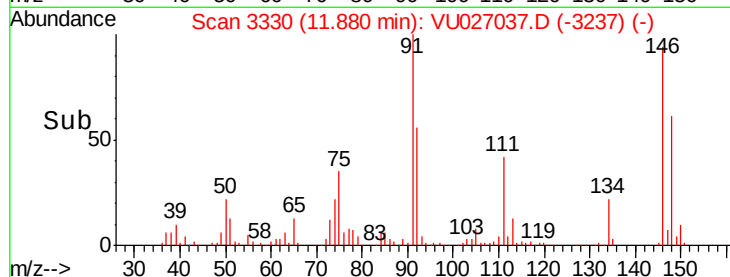
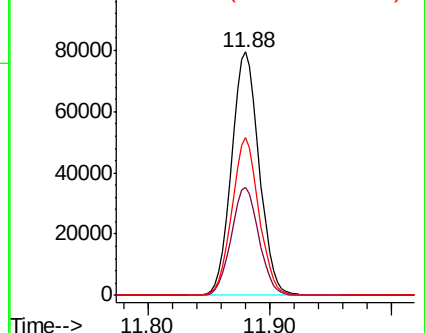
148 63.3 31.9 95.7



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: 50.663 ug/l

RT: 12.66 min Scan# 3571

Delta R.T. -0.00 min

Lab File: VU027037.D

Acq: 22 Sep 2018 23:33

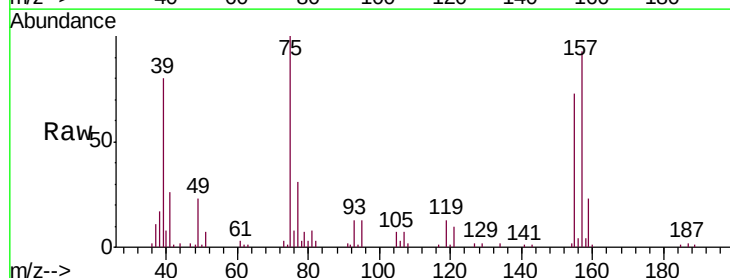
Tgt Ion: 75 Resp: 27012

Ion Ratio Lower Upper

75 100

155 72.5 36.6 109.8

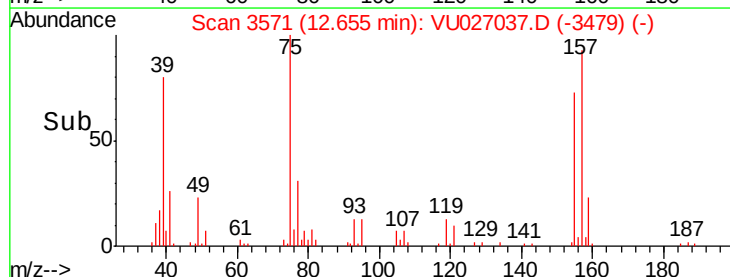
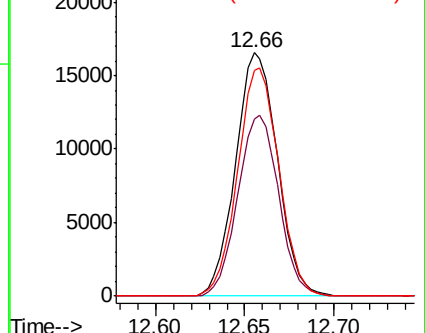
157 92.3 47.4 142.2

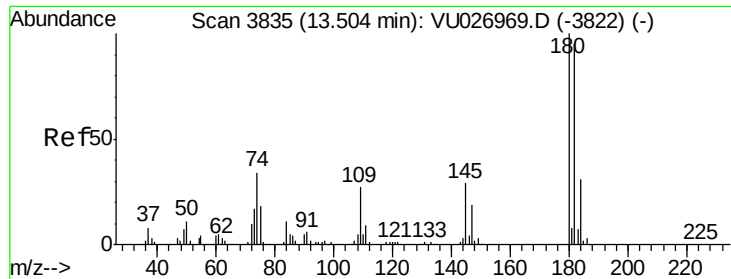


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

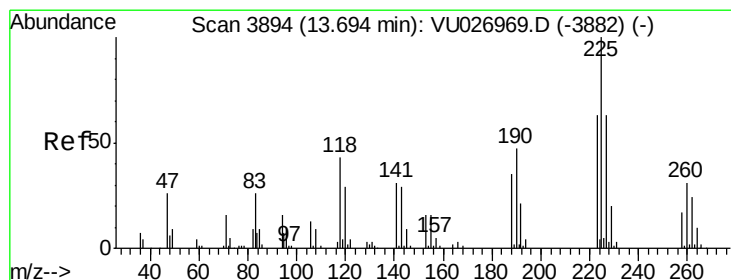
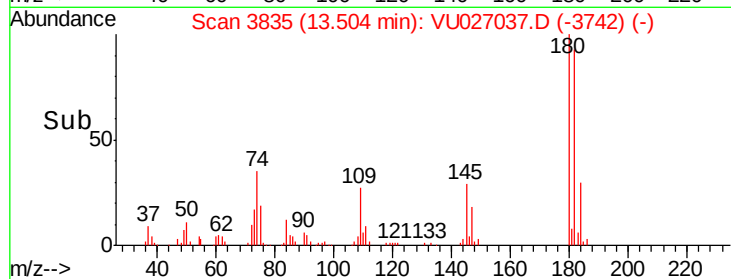
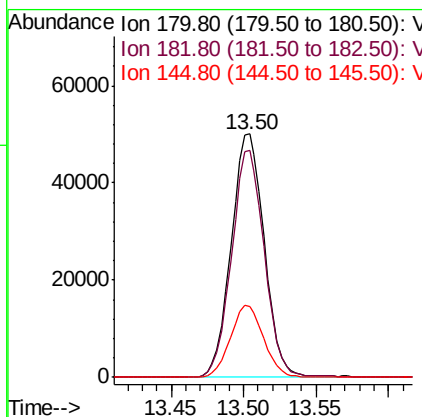
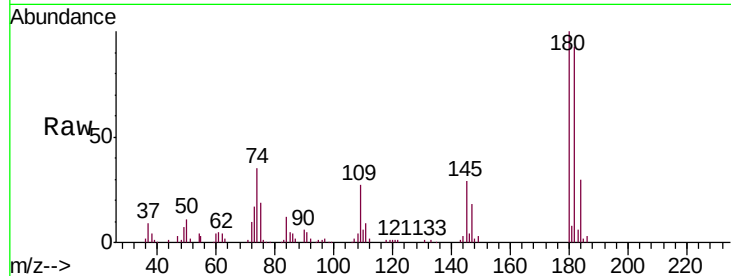




#93
 1,2,4-Trichlorobenzene
 Concen: 50.064 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

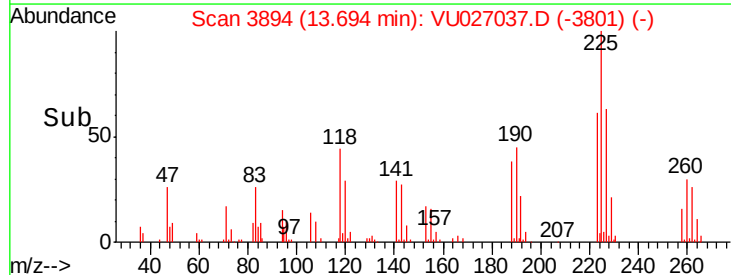
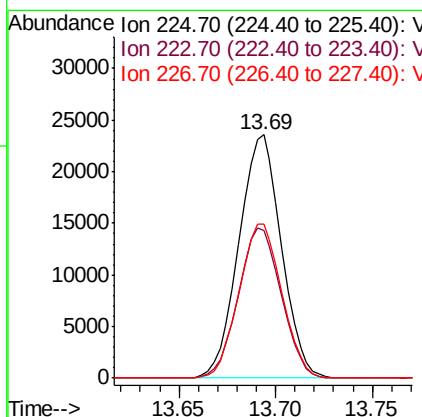
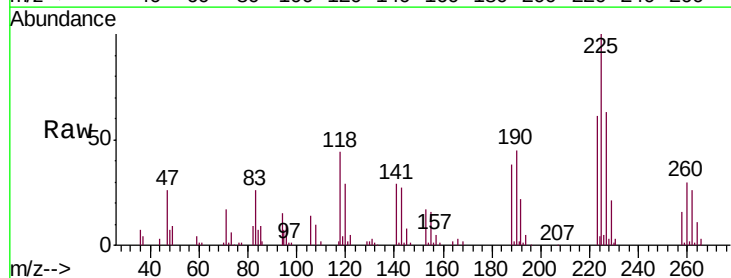
Instrument :
 MSVOA_U
 ClientSampleID :
 BPSI-TT-MW308D-20180914MS

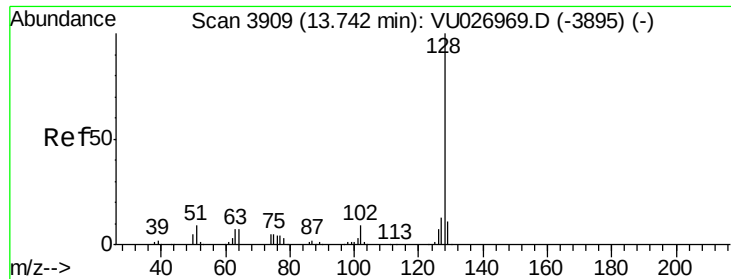
Tgt Ion:180 Resp: 79217
 Ion Ratio Lower Upper
 180 100
 182 92.6 47.4 142.2
 145 29.6 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 43.002 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. -0.00 min
 Lab File: VU027037.D
 Acq: 22 Sep 2018 23:33

Tgt Ion:225 Resp: 36003
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.9 95.7
 227 64.0 32.1 96.5

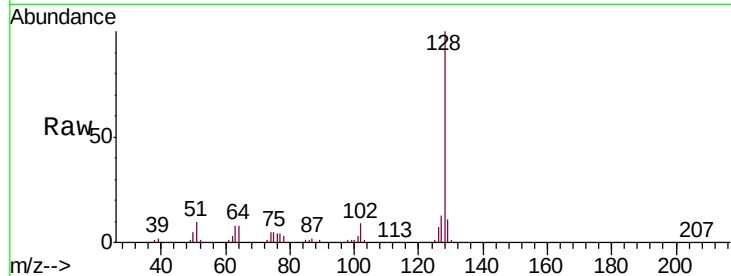




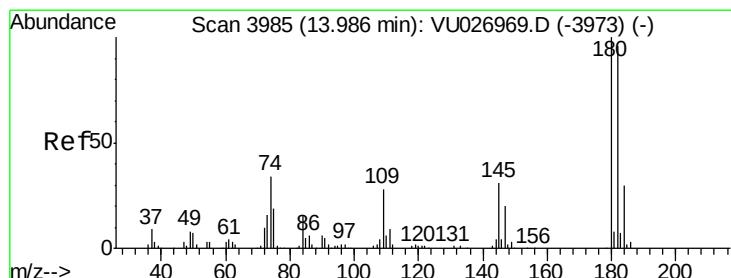
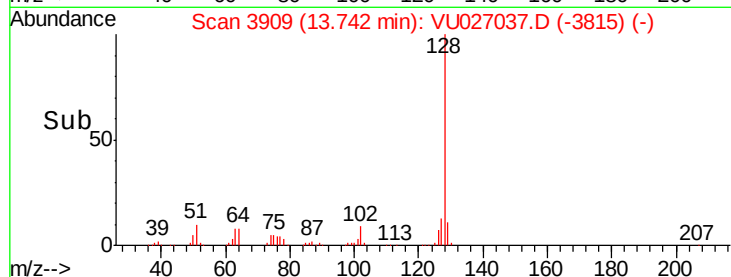
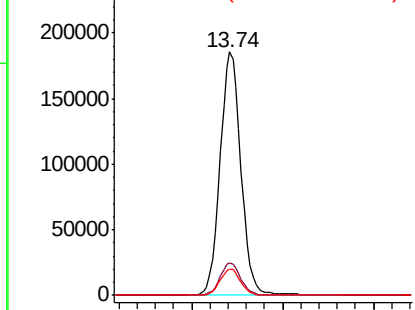
#95
Naphthalene
Concen: 47.752 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

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

Tgt Ion:128 Resp: 294941
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.8 8.6 12.8

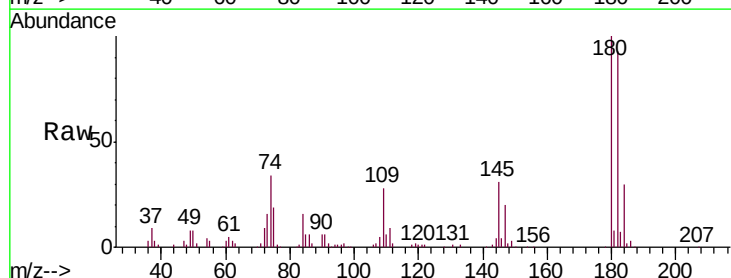


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 50.160 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. -0.00 min
Lab File: VU027037.D
Acq: 22 Sep 2018 23:33

Tgt Ion:180 Resp: 85116
Ion Ratio Lower Upper
180 100
182 94.3 47.5 142.5
145 31.7 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

