

Data File : VU027010.D
Acq On : 22 Sep 2018 10:24
Operator : MD/SY
Sample : J4958-03MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

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

Quant Time: Sep 24 02:47:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	53503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	103530	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	96359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	49193	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	79794	74.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	148.20%	
35) Dibromofluoromethane	4.88	113	54518	60.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.50%	
50) Toluene-d8	7.57	98	162337	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
62) 4-Bromofluorobenzene	10.31	95	56811	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.21	85	35552	50.894 ug/l	98
3) Chloromethane	1.33	50	83156	69.045 ug/l	100
4) Vinyl Chloride	1.40	62	69129	61.490 ug/l	99
5) Bromomethane	1.61	94	39181	61.201 ug/l	97
6) Chloroethane	1.69	64	48311	67.256 ug/l	98
7) Trichlorofluoromethane	1.88	101	58662	45.942 ug/l	98
8) Diethyl Ether	2.10	74	47465	77.230 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.28	101	26584	33.861 ug/l	99
10) Methyl Iodide	2.41	142	54407	55.876 ug/l	100
11) Tert butyl alcohol	2.83	59	103328	418.639 ug/l	99
12) 1,1-Dichloroethene	2.28	96	38569	52.194 ug/l	98
13) Acrolein	2.19	56	64852	487.420 ug/l	100
14) Allyl chloride	2.59	41	92372	61.632 ug/l	99
15) Acrylonitrile	2.94	53	251166	403.753 ug/l	99
16) Acetone	2.32	43	230424	413.698 ug/l	98
17) Carbon Disulfide	2.48	76	114491	47.561 ug/l	100
18) Methyl Acetate	2.62	43	89895	58.652 ug/l	100
19) Methyl tert-butyl Ether	3.00	73	224879	82.813 ug/l	99
20) Methylene Chloride	2.70	84	66197	68.641 ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	46418	58.834 ug/l	98
22) Diisopropyl ether	3.57	45	260110	81.139 ug/l	97
23) Vinyl Acetate	3.53	43	750559	274.663 ug/l	99
24) 1,1-Dichloroethane	3.45	63	122892	69.603 ug/l	100
25) 2-Butanone	4.26	43	354590	391.830 ug/l	100
26) 2,2-Dichloropropane	4.23	77	33106	24.043 ug/l	92
27) cis-1,2-Dichloroethene	4.23	96	59602	66.894 ug/l	95
28) Bromochloromethane	4.55	49	64959	76.323 ug/l	97
29) Tetrahydrofuran	4.64	42	232123	424.015 ug/l	98
30) Chloroform	4.67	83	110800	67.606 ug/l	100
31) Cyclohexane	5.00	56	51476	31.864 ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	73511	56.178 ug/l	99
36) 1,1-Dichloropropene	5.14	75	53838	38.964 ug/l	99
37) Ethyl Acetate	4.38	43	92758	49.590 ug/l	99
38) Carbon Tetrachloride	5.13	117	52380	39.836 ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	36190	24.102	ug/l	95
40) Benzene	5.39	78	225366	53.653	ug/l	99
41) Methacrylonitrile	4.54	41	73061	75.210	ug/l	97
42) 1,2-Dichloroethane	5.40	62	102926	64.856	ug/l	100
43) Isopropyl Acetate	5.55	43	158889	58.246	ug/l	99
44) Trichloroethene	6.19	130	39934	44.657	ug/l	97
45) 1,2-Dichloropropane	6.43	63	72508	60.583	ug/l	97
46) Dibromomethane	6.56	93	45723	63.255	ug/l	98
47) Bromodichloromethane	6.76	83	85733	58.657	ug/l	97
48) Methyl methacrylate	6.62	41	96747	64.855	ug/l	99
49) 1,4-Dioxane	6.61	88	40559	1376.175	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	675591	368.236	ug/l	100
52) Toluene	7.64	92	115663	48.039	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	85957	54.737	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	87869	50.889	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	65139	63.849	ug/l	99
56) Ethyl methacrylate	8.02	69	110829	62.057	ug/l	99
57) 1,3-Dichloropropane	8.24	76	122760	64.696	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.27	63	319	5.173	ug/l #	52
59) 2-Hexanone	8.36	43	519872	361.993	ug/l	100
60) Dibromochloromethane	8.48	129	62868	62.824	ug/l	98
61) 1,2-Dibromoethane	8.59	107	66569	62.713	ug/l	99
64) Tetrachloroethene	8.23	164	25698	34.609	ug/l	98
65) Chlorobenzene	9.12	112	121440	47.531	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	50924	57.867	ug/l	99
67) Ethyl Benzene	9.25	91	185367	44.121	ug/l	100
68) m/p-Xylenes	9.38	106	136669	80.618	ug/l	97
69) o-Xylene	9.78	106	73909	49.650	ug/l	100
70) Styrene	9.79	104	126952	45.832	ug/l	100
71) Bromoform	9.96	173	45673	67.114	ug/l #	98
73) Isopropylbenzene	10.17	105	160294	42.836	ug/l	99
74) N-amyl acetate	10.02	43	117163	54.090	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	117424	68.250	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	129159	86.425	ug/l	82
77) Bromobenzene	10.45	156	50777	55.528	ug/l	96
78) n-propylbenzene	10.59	91	184050	41.568	ug/l	99
79) 2-Chlorotoluene	10.66	91	132372	47.596	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	145323	47.046	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	129159	276.574	ug/l #	100
82) 4-Chlorotoluene	10.77	91	150129	48.142	ug/l	100
83) tert-Butylbenzene	11.10	119	135930	44.510	ug/l	95
84) 1,2,4-Trimethylbenzene	11.15	105	153075	48.694	ug/l	99
85) sec-Butylbenzene	11.32	105	141268	37.894	ug/l	100
86) p-Isopropyltoluene	11.48	119	124717	35.919	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	82443	48.448	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	85458	46.079	ug/l	99
89) n-Butylbenzene	11.89	91	103634	31.492	ug/l	99
90) Hexachloroethane	12.15	117	27114	39.996	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	91964	50.877	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	26231	74.735	ug/l	98

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	54691	52.504	ug/l	100
94) Hexachlorobutadiene	13.69	225	17011	30.864	ug/l	100
95) Naphthalene	13.74	128	256901	62.637	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	65012	58.199	ug/l	99

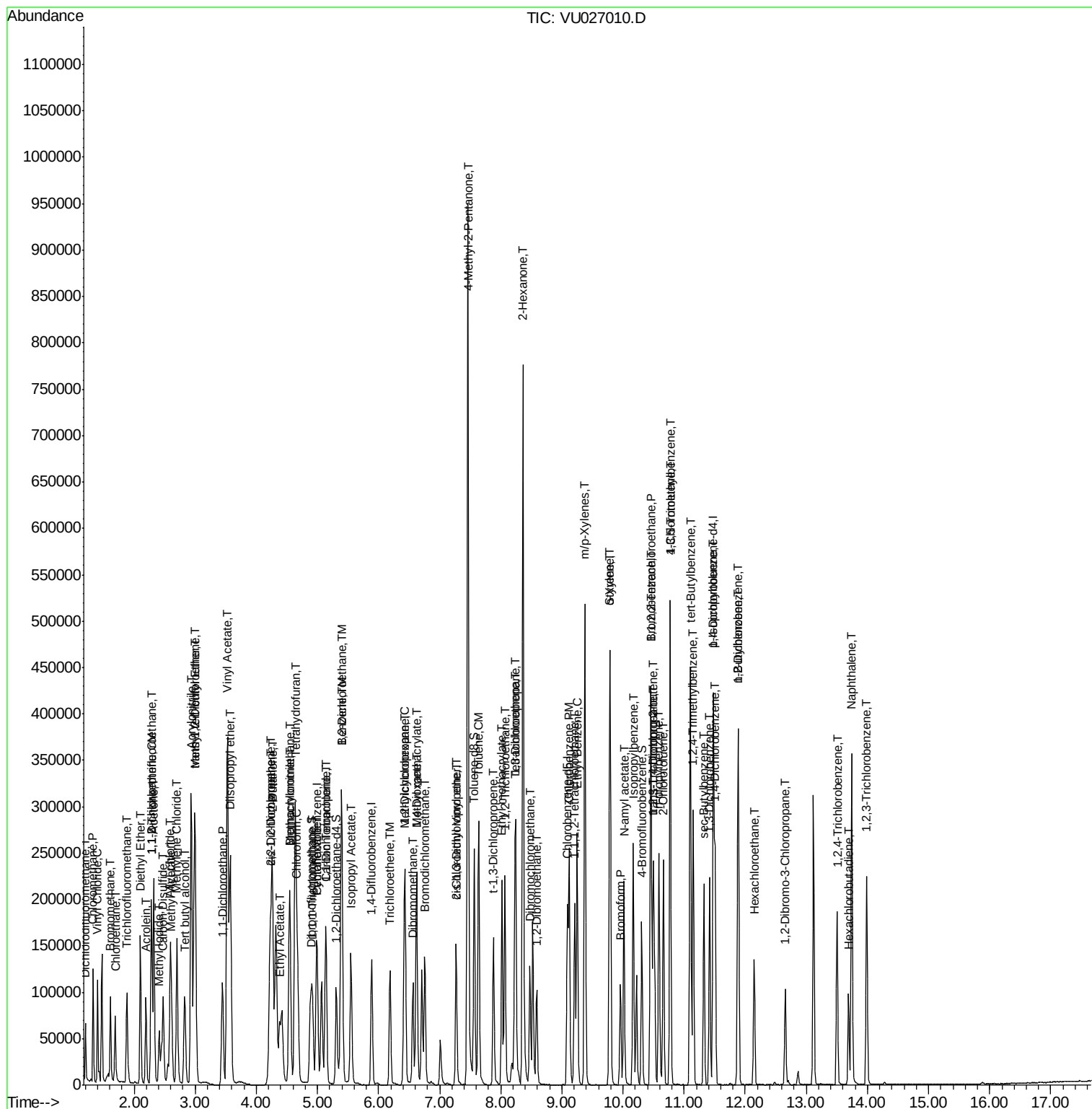
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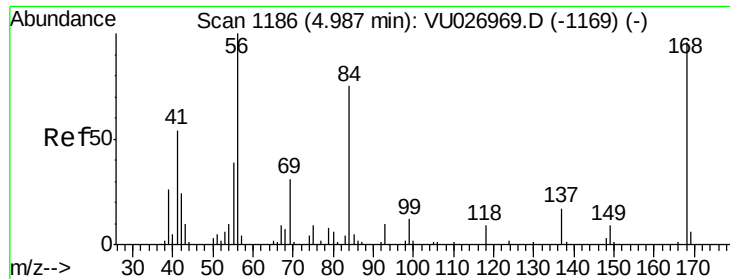
Data File : VU027010.D

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Instrument :
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ClientSampleId :
BPSI-TT-MW/308D-20180914MSD

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

ClientSampleId :

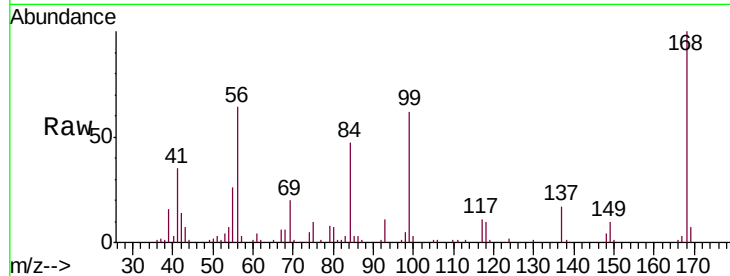
BPSI-TT-MW308D-20180914MSD

Tgt Ion:168 Resp: 53503

Ion Ratio Lower Upper

168 100

99 61.2 48.1 72.1



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

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

4.98

25000

20000

15000

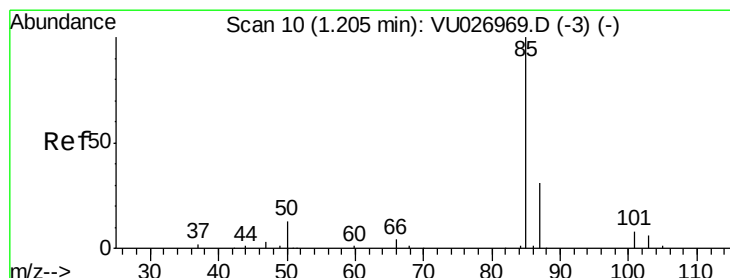
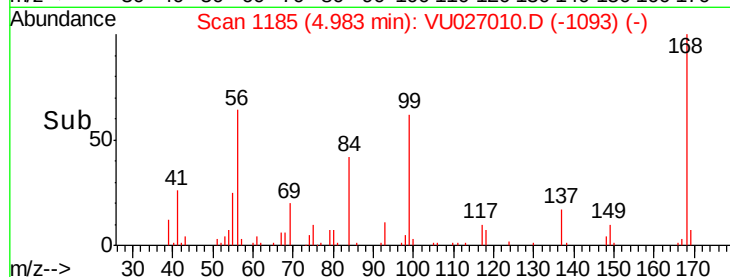
10000

5000

0

4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 50.894 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU027010.D

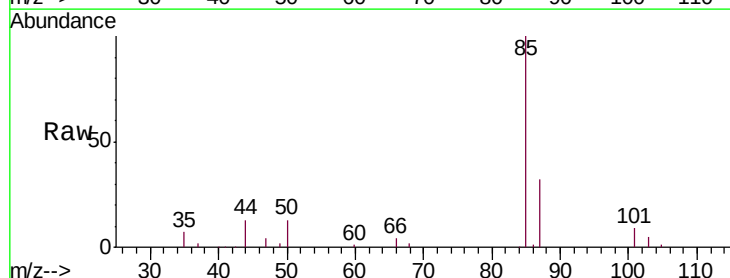
Acq: 22 Sep 2018 10:24

Tgt Ion: 85 Resp: 35552

Ion Ratio Lower Upper

85 100

87 32.3 15.6 46.7



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

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

1.21

40000

30000

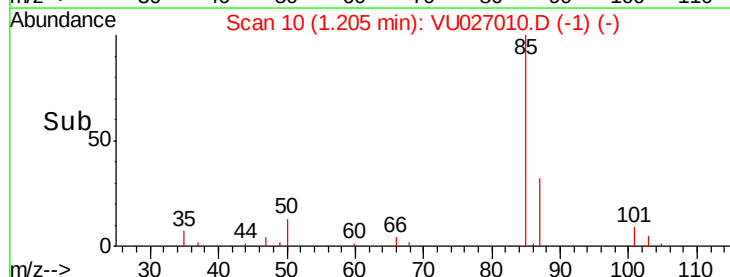
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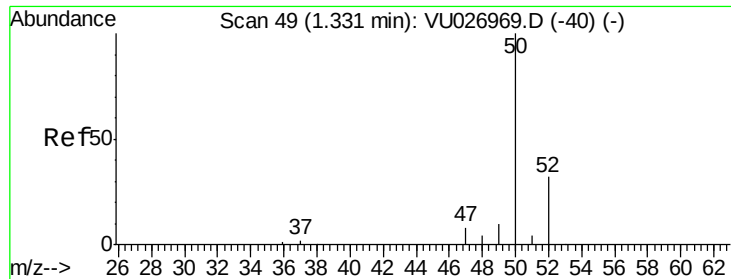
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 69.045 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

ClientSampleId :

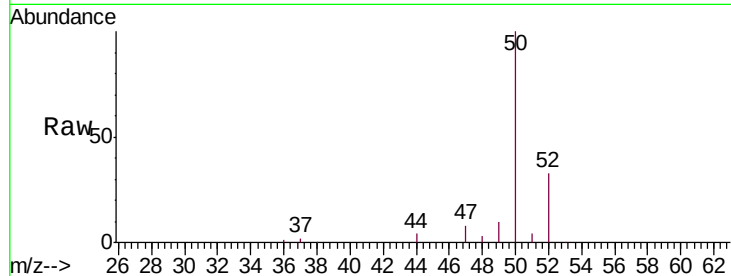
BPSI-TT-MW308D-20180914MSD

Tgt Ion: 50 Resp: 83156

Ion Ratio Lower Upper

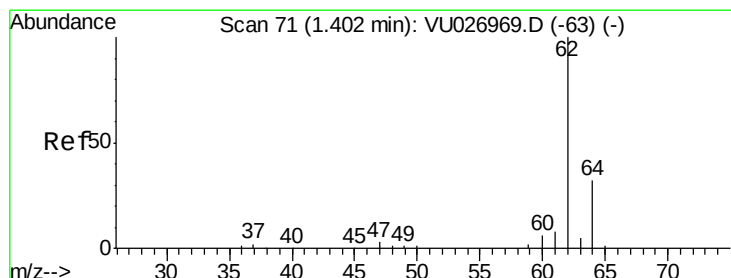
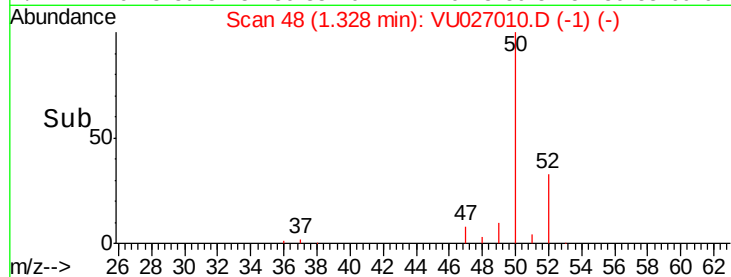
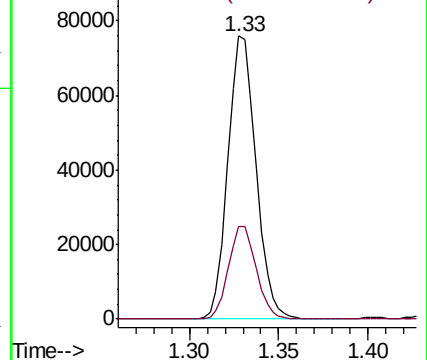
50 100

52 32.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 61.490 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027010.D

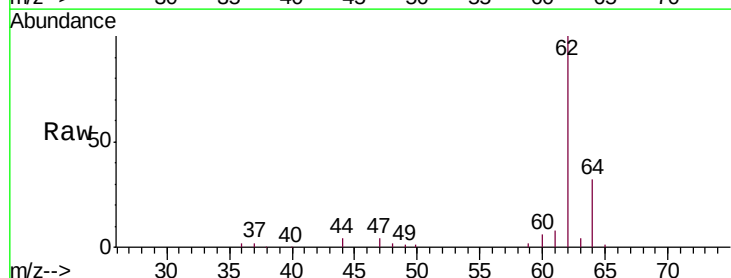
Acq: 22 Sep 2018 10:24

Tgt Ion: 62 Resp: 69129

Ion Ratio Lower Upper

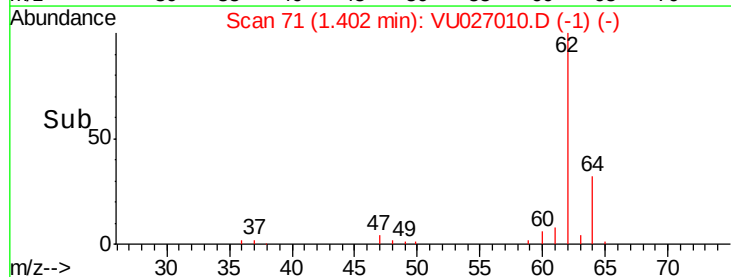
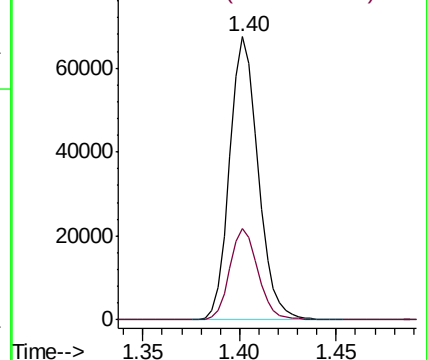
62 100

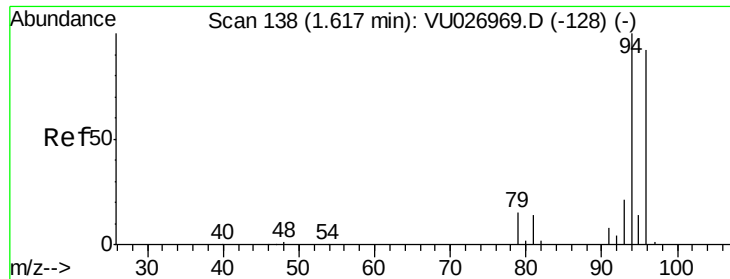
64 32.3 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

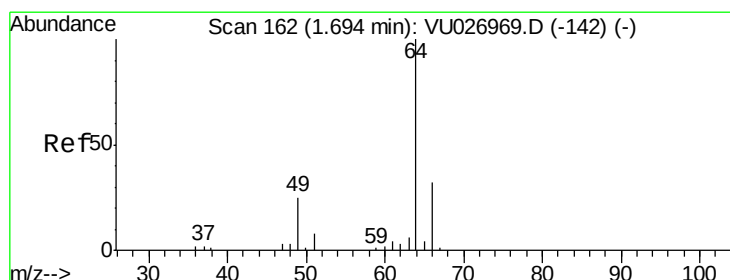
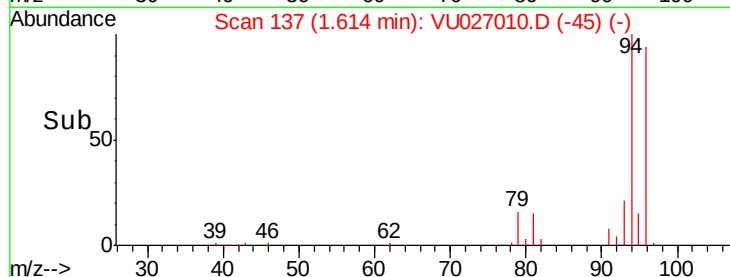
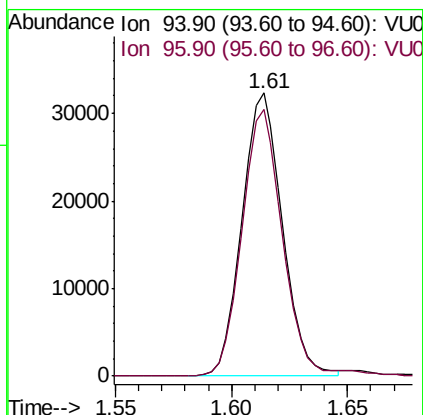
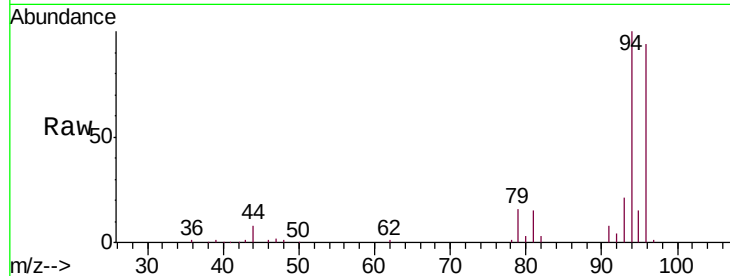




#5
Bromomethane
Concen: 61.201 ug/l
RT: 1.61 min Scan# 137
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

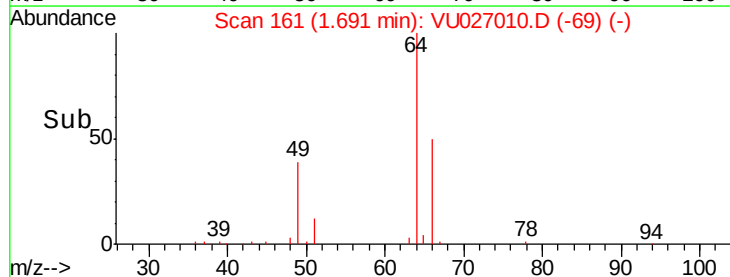
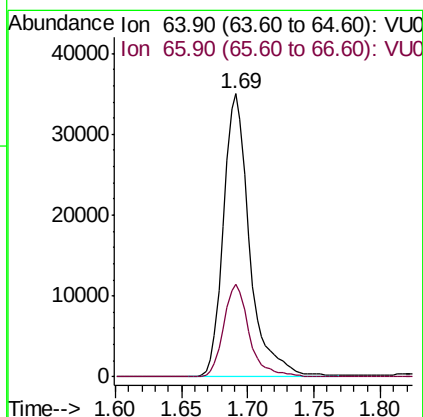
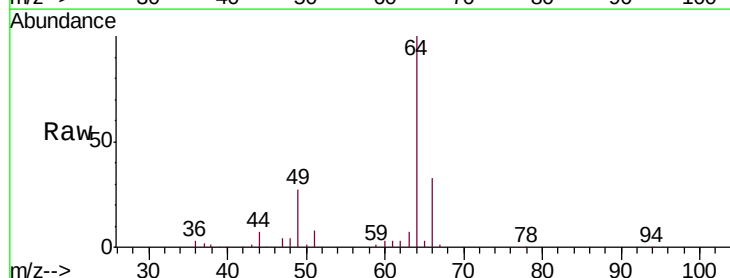
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

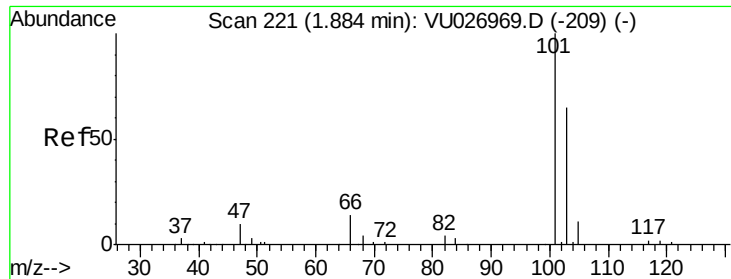
Tgt Ion: 94 Resp: 39181
Ion Ratio Lower Upper
94 100
96 94.0 73.2 109.8



#6
Chloroethane
Concen: 67.256 ug/l
RT: 1.69 min Scan# 161
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

Tgt Ion: 64 Resp: 48311
Ion Ratio Lower Upper
64 100
66 32.7 25.3 37.9



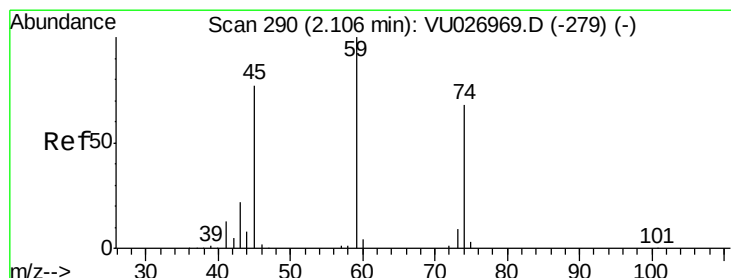
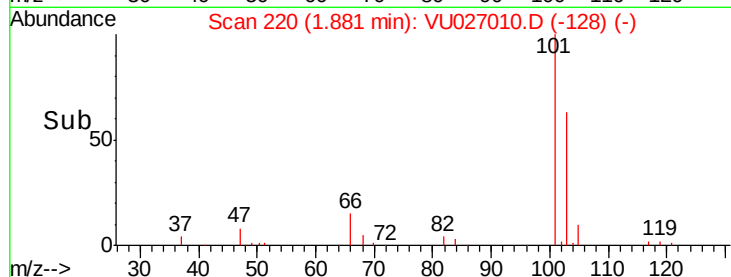
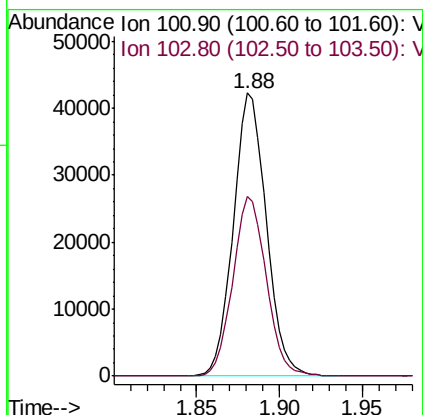
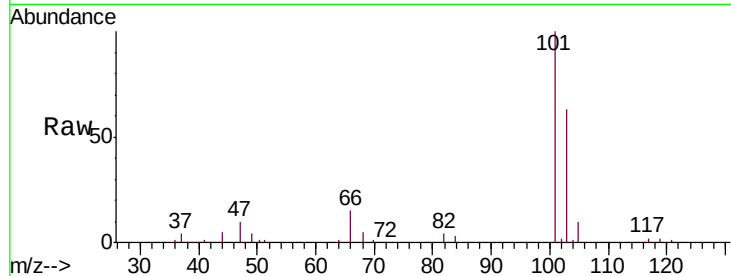


#7

Trichlorofluoromethane
 Concen: 45.942 ug/l
 RT: 1.88 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

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 MSVOA_U
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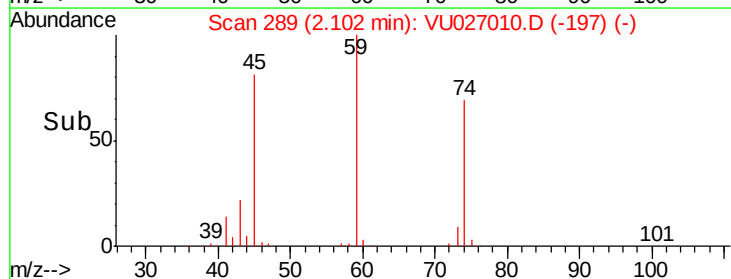
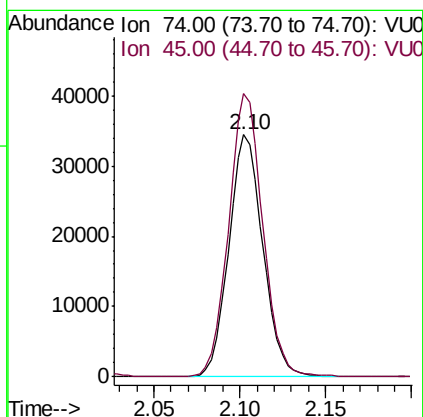
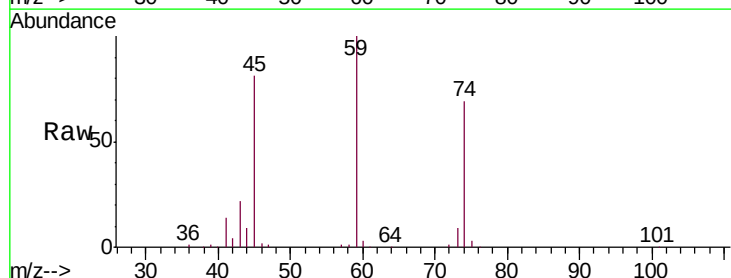
Tgt Ion: 101 Resp: 58662
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.2 78.2

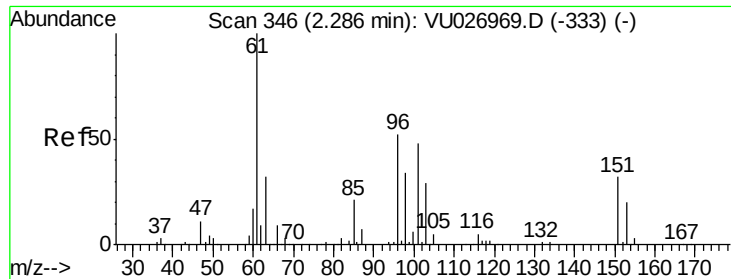


#8

Diethyl Ether
 Concen: 77.230 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

Tgt Ion: 74 Resp: 47465
 Ion Ratio Lower Upper
 74 100
 45 117.9 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 33.861 ug/l

RT: 2.28 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

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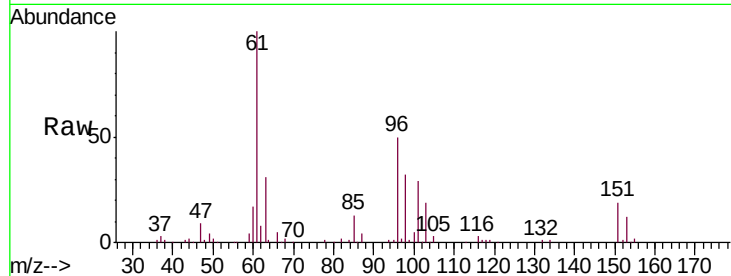
Tgt Ion:101 Resp: 26584

Ion Ratio Lower Upper

101 100

85 44.7 36.2 54.2

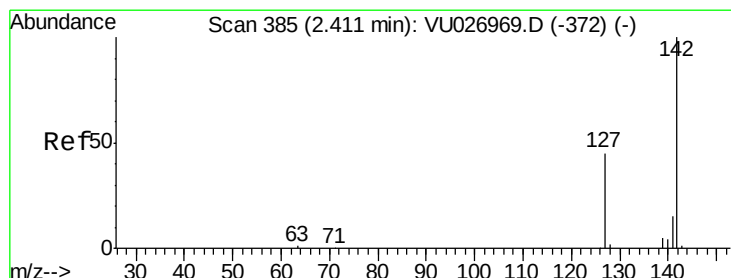
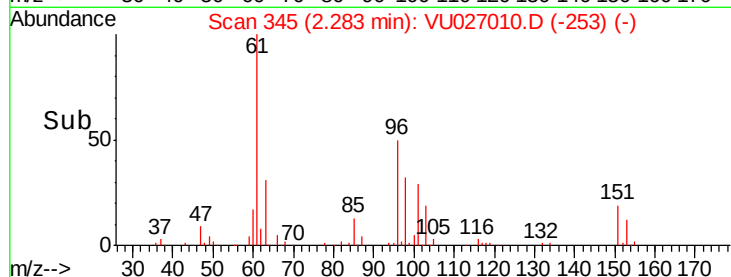
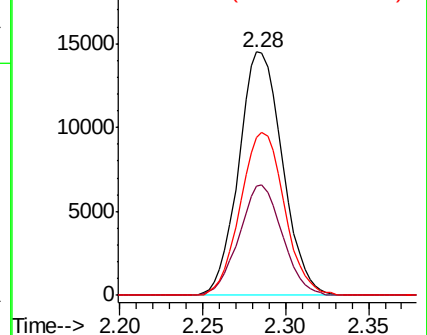
151 67.4 54.5 81.7



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: 55.876 ug/l

RT: 2.41 min Scan# 385

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

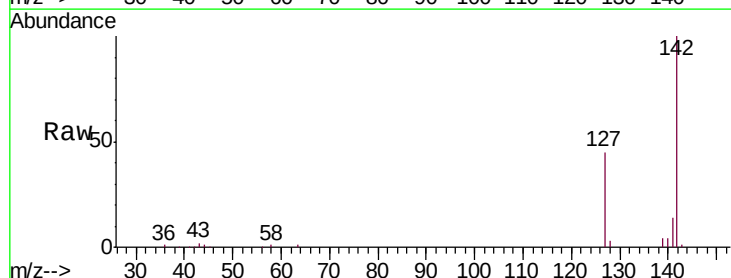
Tgt Ion:142 Resp: 54407

Ion Ratio Lower Upper

142 100

127 45.6 36.7 55.1

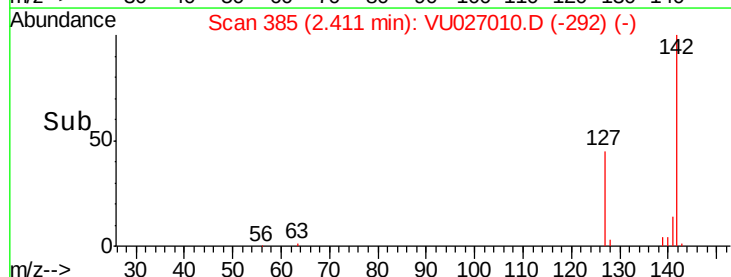
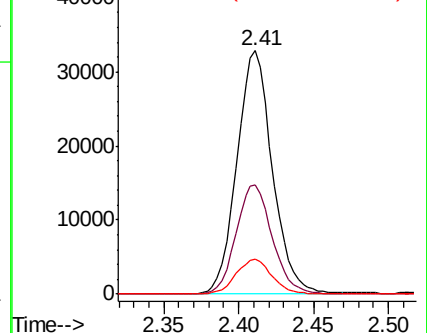
141 14.6 11.8 17.6

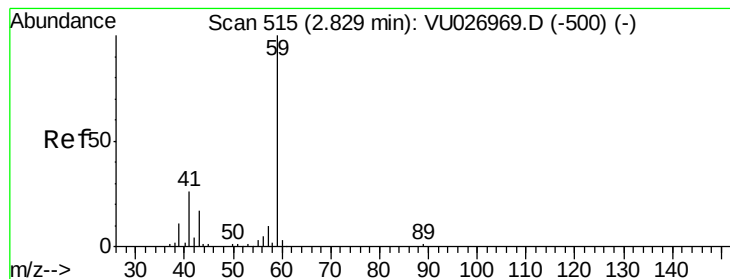


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



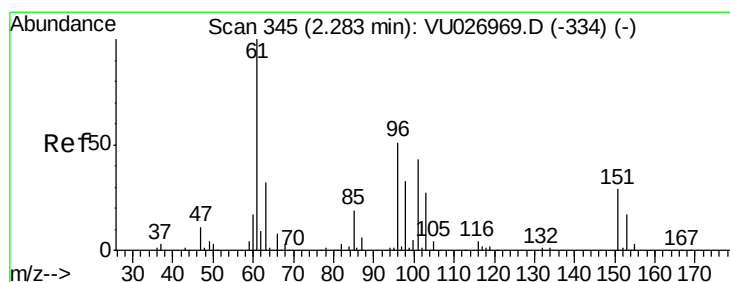
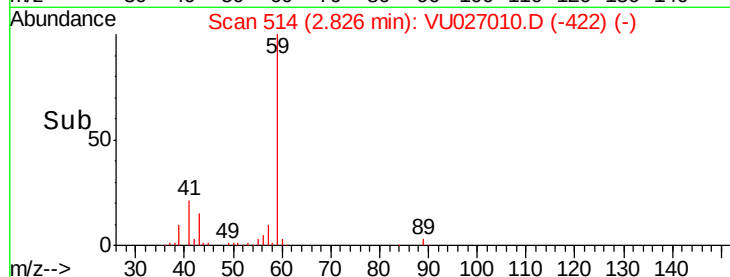
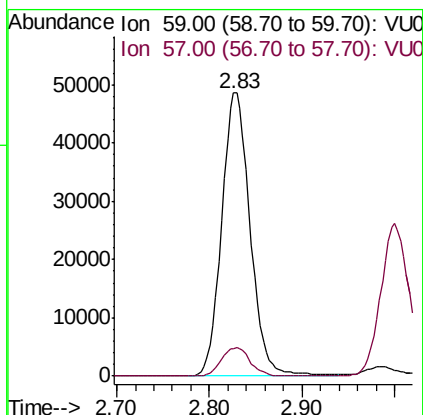
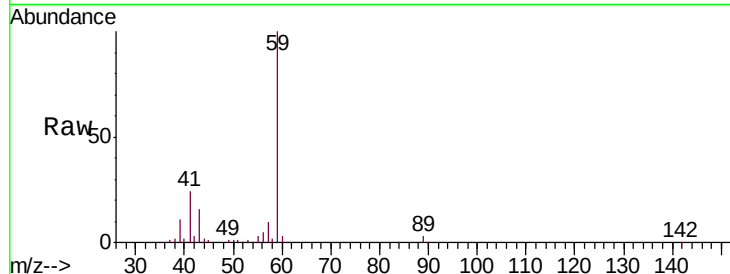


#11

Tert butyl alcohol
 Concen: 418.639 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

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

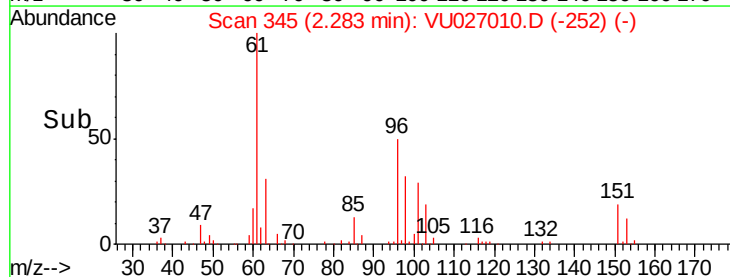
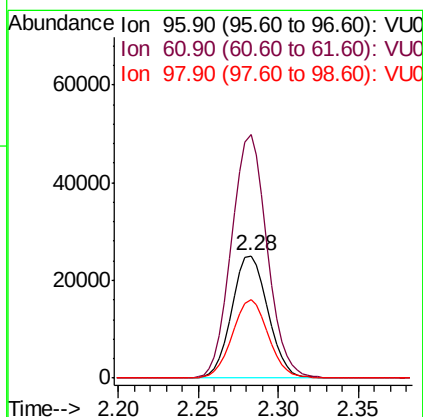
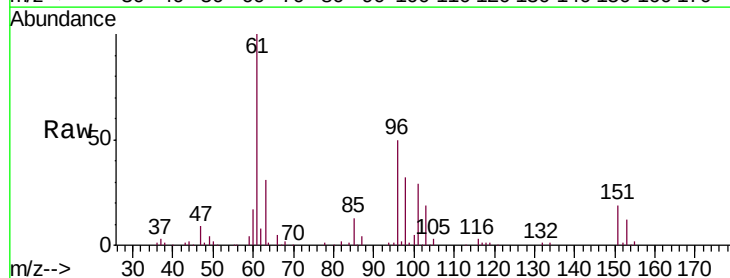
Tgt Ion: 59 Resp: 103328
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.5 12.7

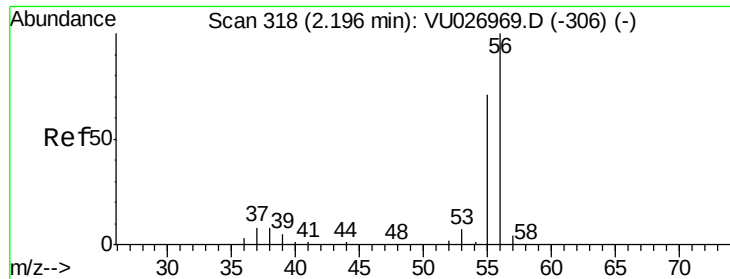


#12

1,1-Dichloroethene
 Concen: 52.194 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

Tgt Ion: 96 Resp: 38569
 Ion Ratio Lower Upper
 96 100
 61 199.0 156.1 234.1
 98 64.2 51.4 77.0

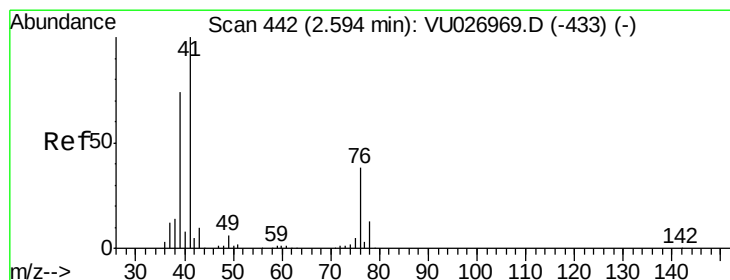
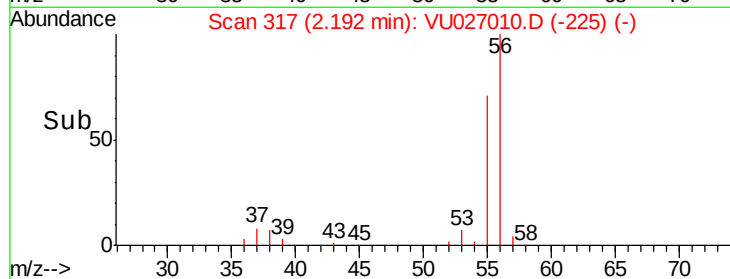
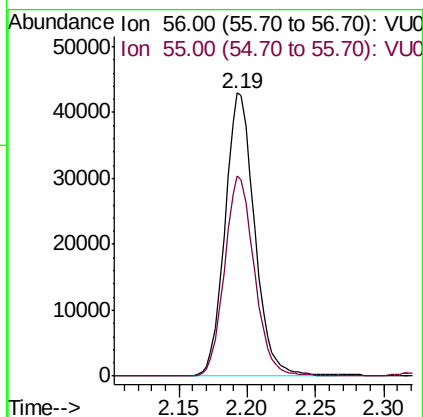
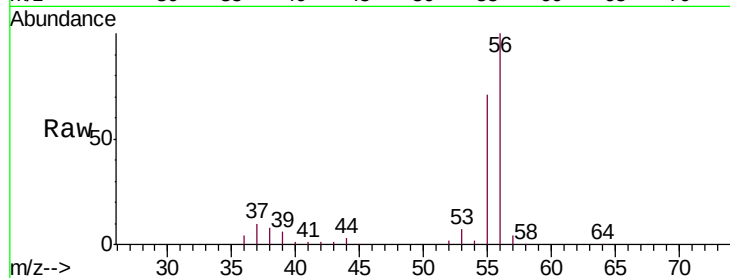




#13
 Acrolein
 Concen: 487.420 ug/l
 RT: 2.19 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

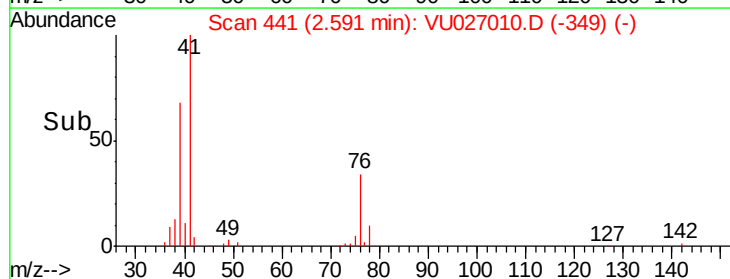
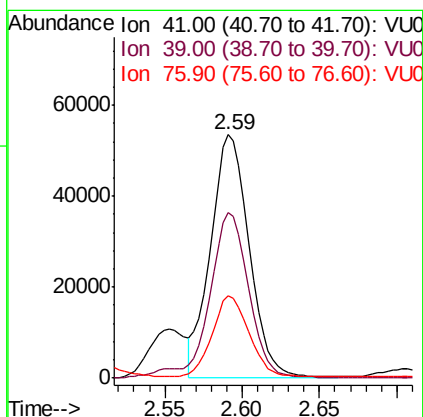
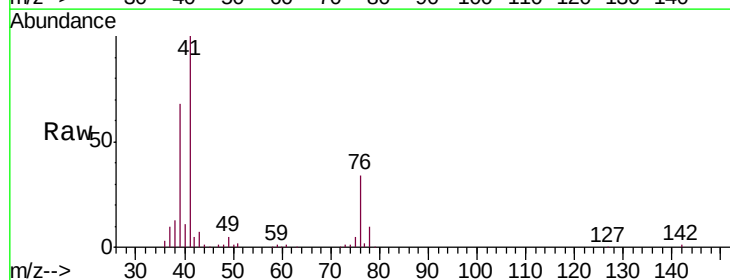
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MSD

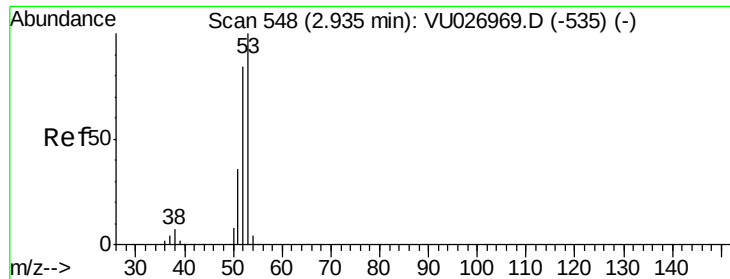
Tgt Ion: 56 Resp: 64852
 Ion Ratio Lower Upper
 56 100
 55 71.0 57.1 85.7



#14
 Allyl chloride
 Concen: 61.632 ug/l
 RT: 2.59 min Scan# 441
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

Tgt Ion: 41 Resp: 92372
 Ion Ratio Lower Upper
 41 100
 39 70.1 55.7 83.5
 76 31.7 26.5 39.7





#15

Acrylonitrile

Concen: 403.753 ug/l

RT: 2.94 min Scan# 548

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MSD

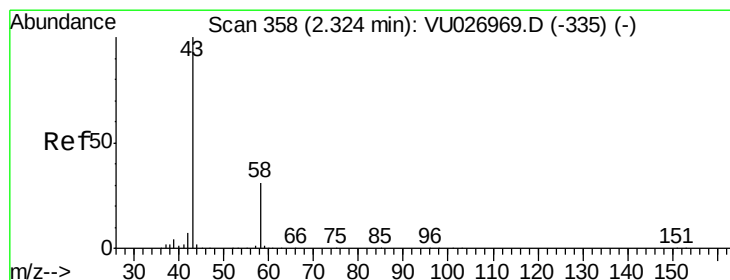
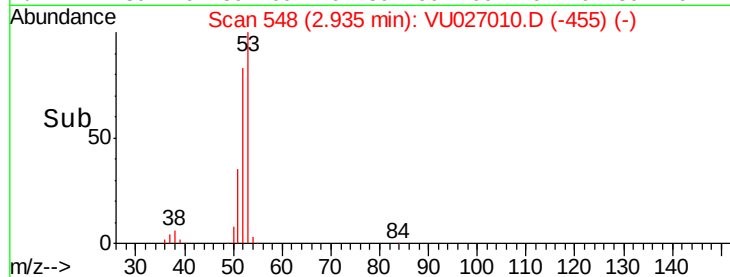
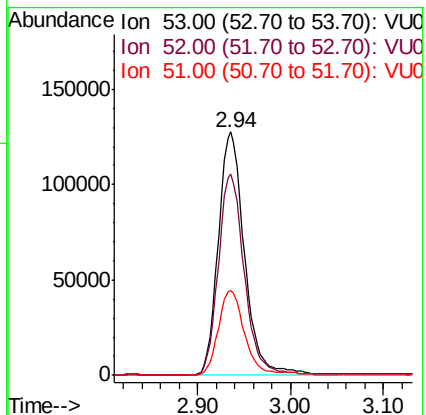
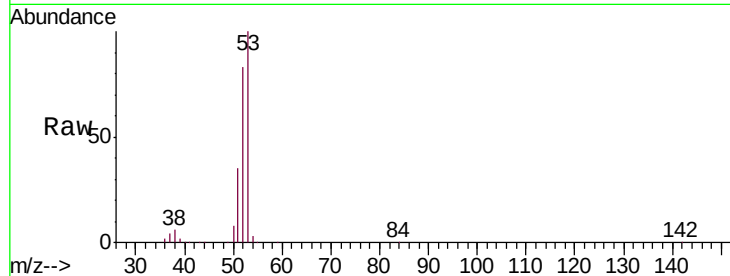
Tgt Ion: 53 Resp: 251166

Ion Ratio Lower Upper

53 100

52 82.2 65.7 98.5

51 35.7 27.4 41.2



#16

Acetone

Concen: 413.698 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027010.D

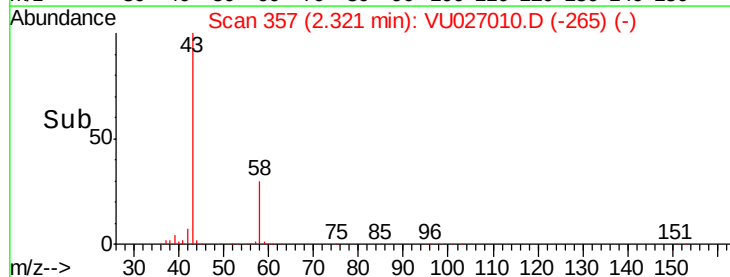
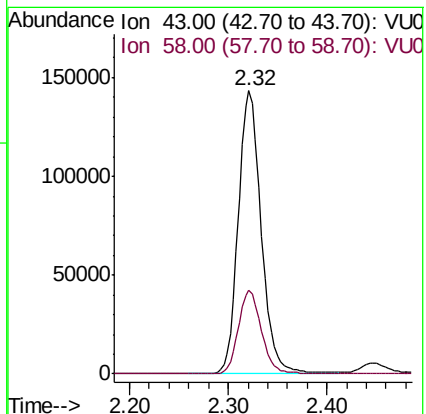
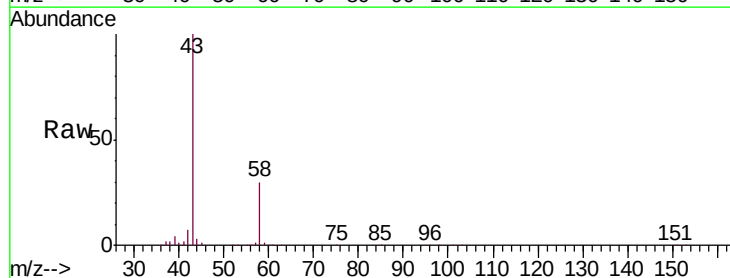
Acq: 22 Sep 2018 10:24

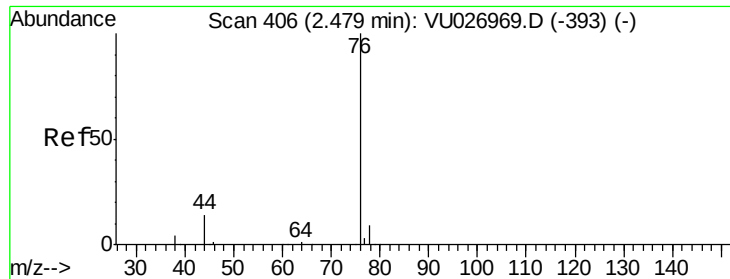
Tgt Ion: 43 Resp: 230424

Ion Ratio Lower Upper

43 100

58 29.6 24.6 36.8





#17

Carbon Disulfide

Concen: 47.561 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

ClientSampleId :

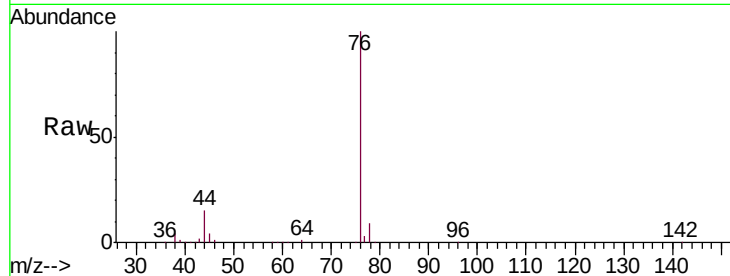
BPSI-TT-MW308D-20180914MSD

Tgt Ion: 76 Resp: 114491

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

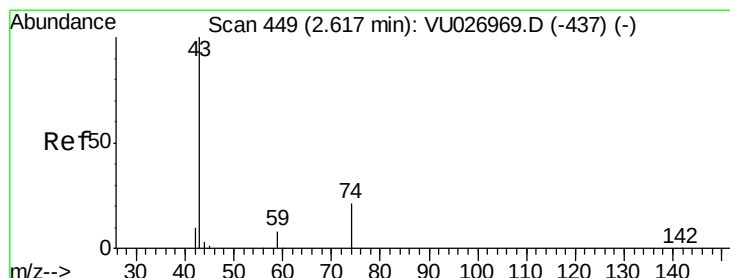
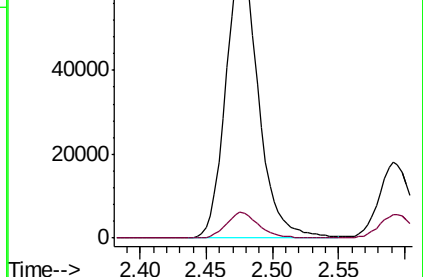
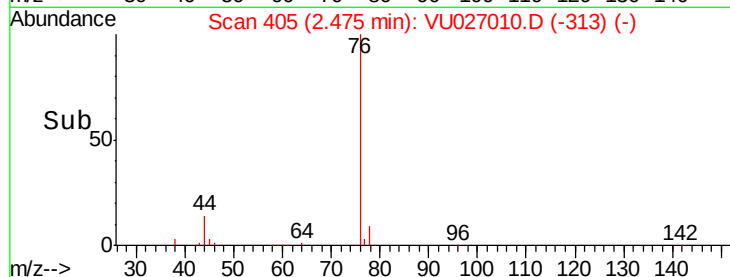


Abundance Ion 75.90 (75.60 to 76.60): VU026969.D (-393) (-)

Ion 77.90 (77.60 to 78.60): VU027010.D (-313) (-)

2.48

Time-->



#18

Methyl Acetate

Concen: 58.652 ug/l

RT: 2.62 min Scan# 449

Delta R.T. -0.00 min

Lab File: VU027010.D

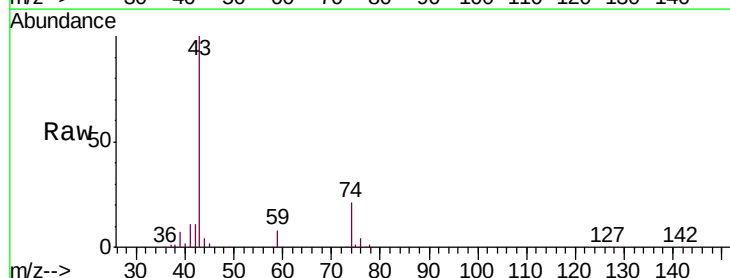
Acq: 22 Sep 2018 10:24

Tgt Ion: 43 Resp: 89895

Ion Ratio Lower Upper

43 100

74 20.7 16.6 25.0

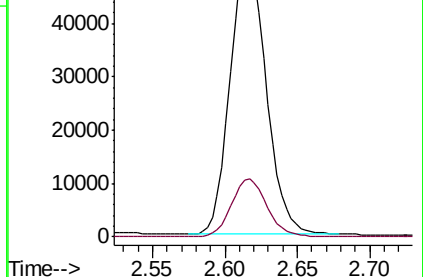
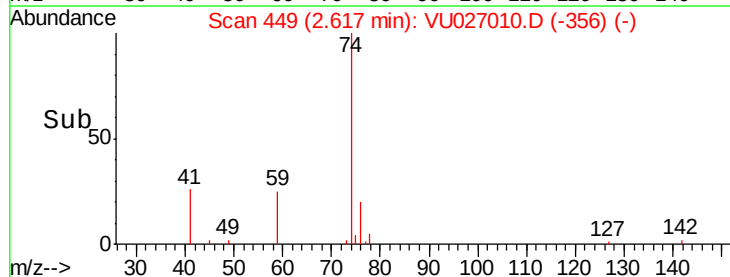


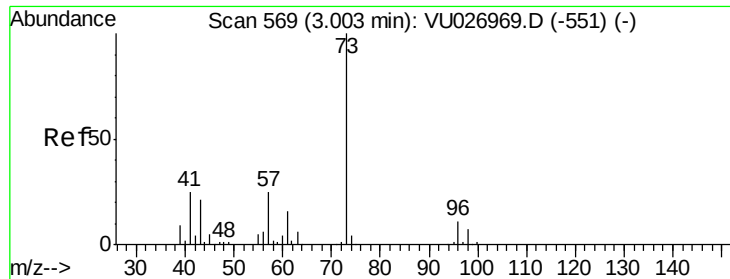
Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-437) (-)

Ion 74.00 (73.70 to 74.70): VU027010.D (-356) (-)

2.62

Time-->

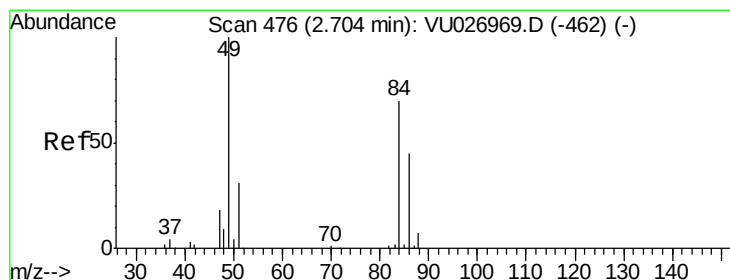
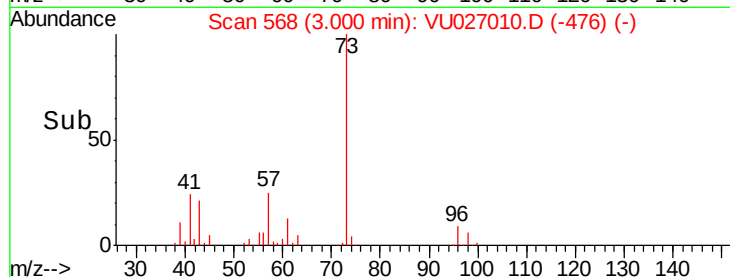
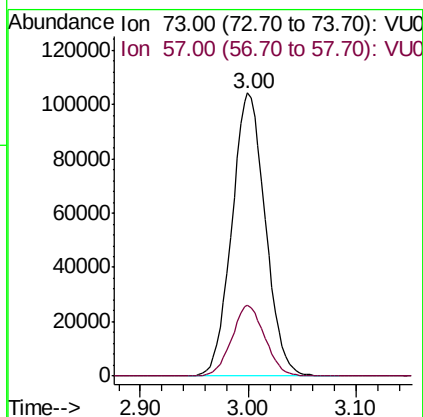
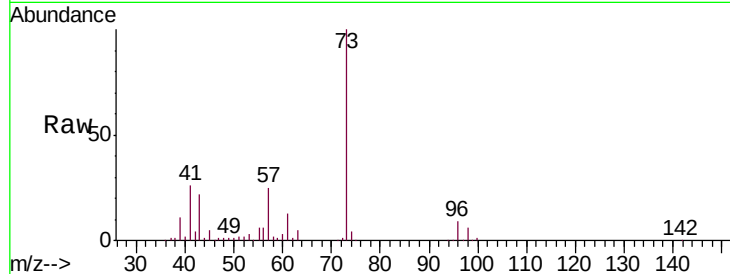




#19
Methyl tert-butyl Ether
Concen: 82.813 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

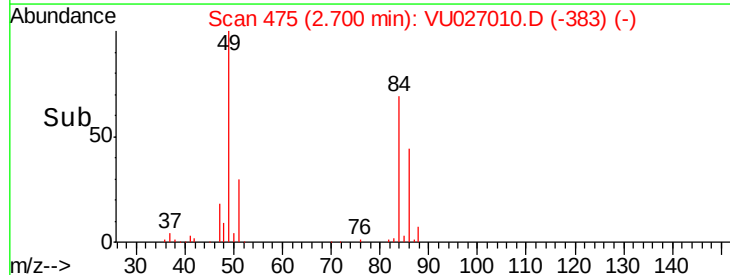
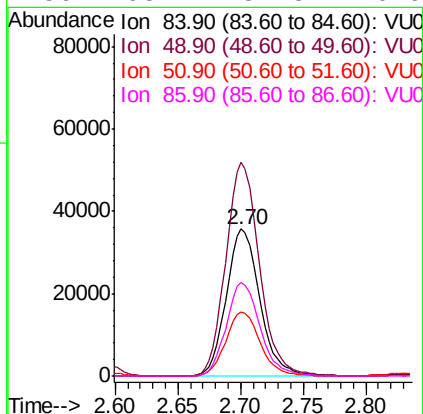
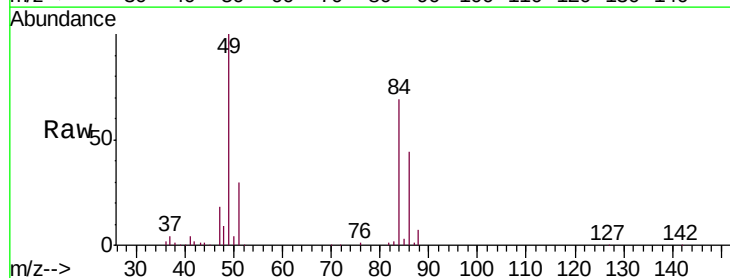
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

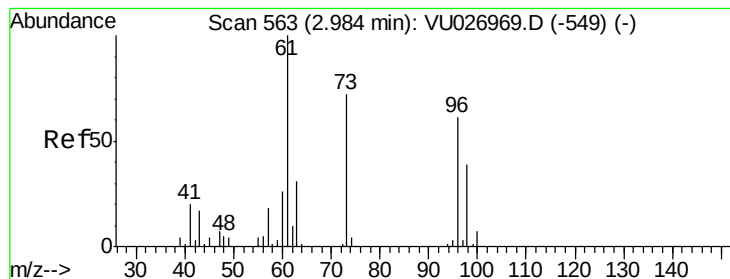
Tgt Ion: 73 Resp: 224879
Ion Ratio Lower Upper
73 100
57 25.2 19.8 29.6



#20
Methylene Chloride
Concen: 68.641 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

Tgt Ion: 84 Resp: 66197
Ion Ratio Lower Upper
84 100
49 145.6 114.9 172.3
51 43.9 35.8 53.8
86 63.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 58.834 ug/l

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MSD

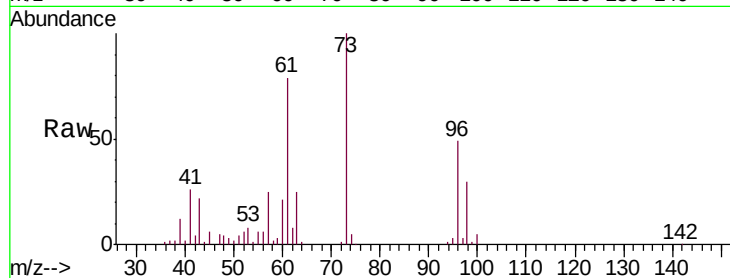
Tgt Ion: 96 Resp: 46418

Ion Ratio Lower Upper

96 100

61 162.3 131.8 197.6

98 62.3 50.9 76.3

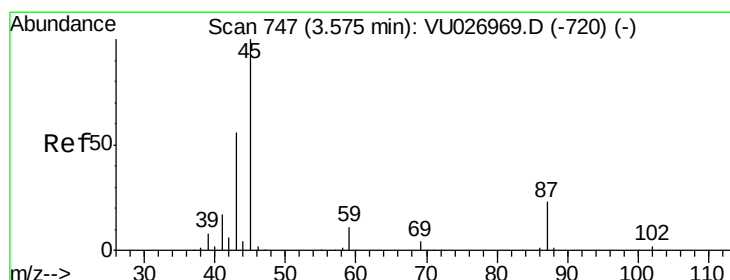
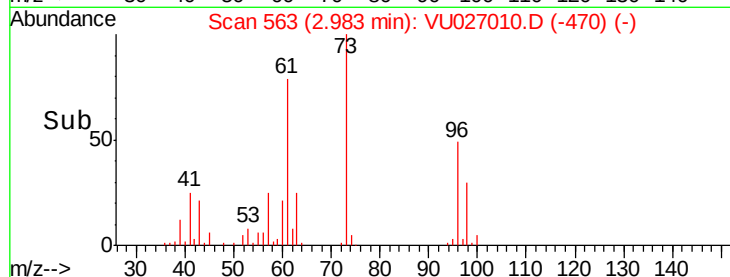
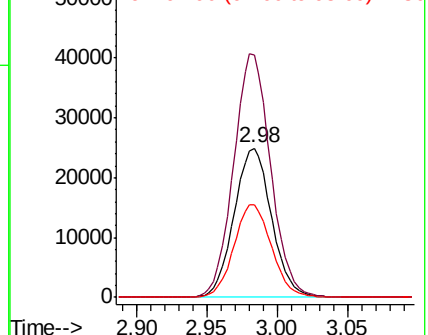


Abundance

Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 81.139 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Tgt Ion: 45 Resp: 260110

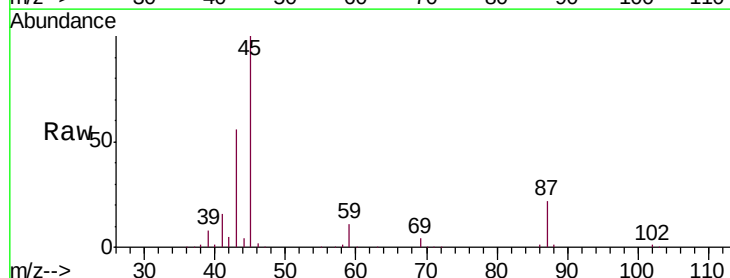
Ion Ratio Lower Upper

45 100

43 55.2 45.8 68.6

87 21.9 18.6 28.0

59 10.6 9.0 13.4



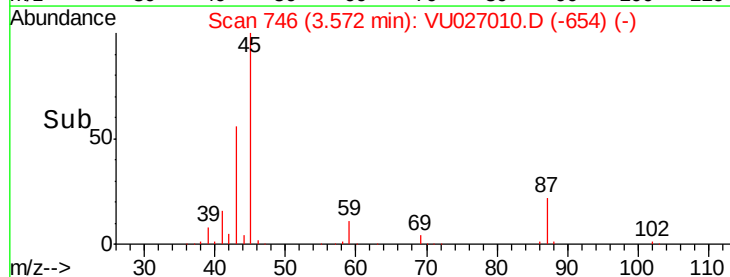
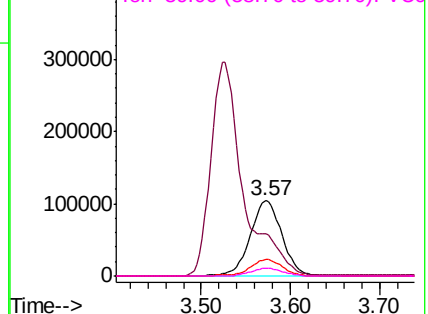
Abundance

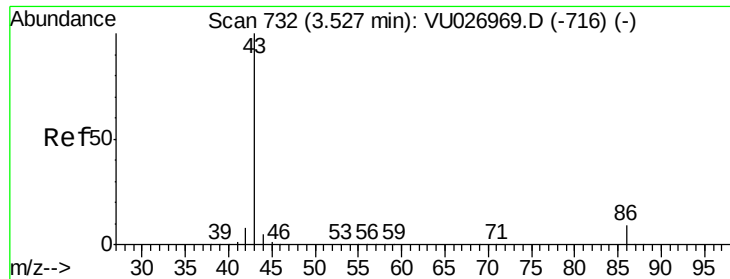
Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 274.663 ug/l

RT: 3.53 min Scan# 732

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

ClientSampleId :

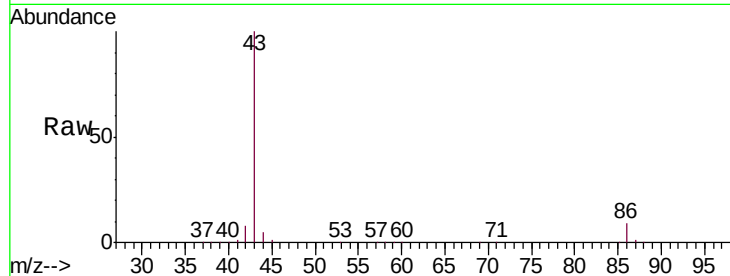
BPSI-TT-MW308D-20180914MSD

Tgt Ion: 43 Resp: 750559

Ion Ratio Lower Upper

43 100

86 8.5 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

3.53

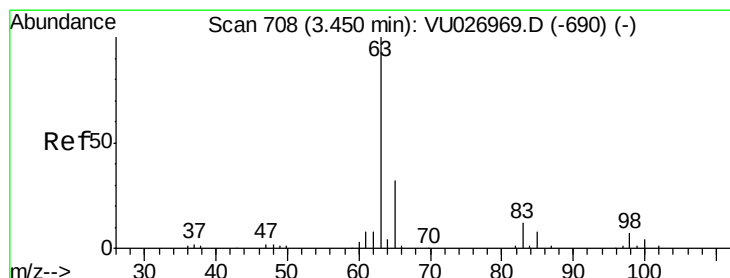
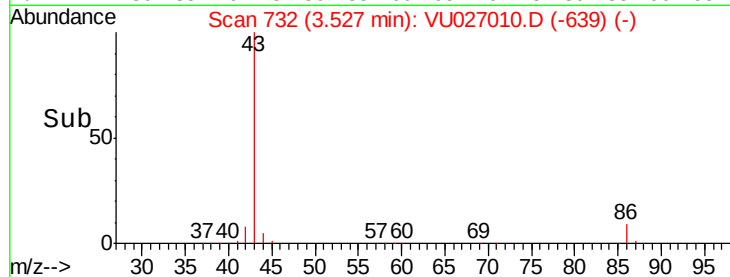
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 69.603 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

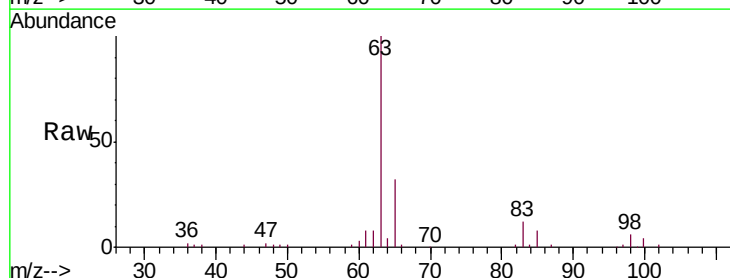
Tgt Ion: 63 Resp: 122892

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

100 4.0 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

3.45

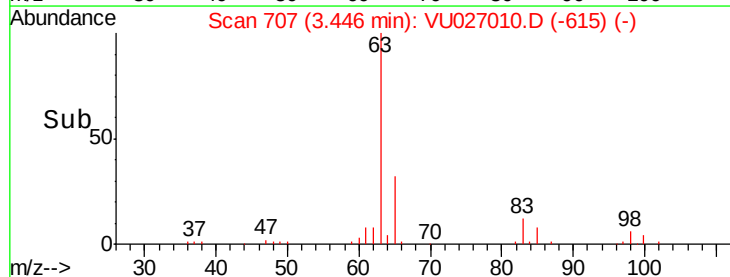
60000

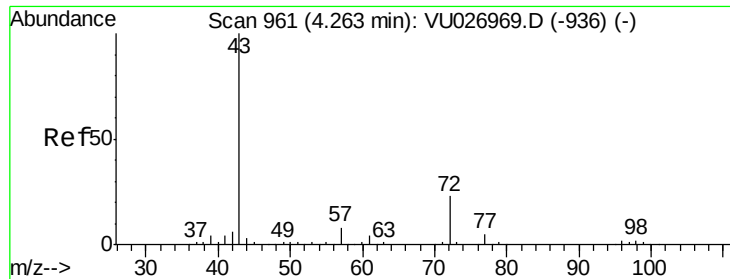
40000

20000

0

Time-->





#25

2-Butanone

Concen: 391.830 ug/l

RT: 4.26 min Scan# 961

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

ClientSampleId :

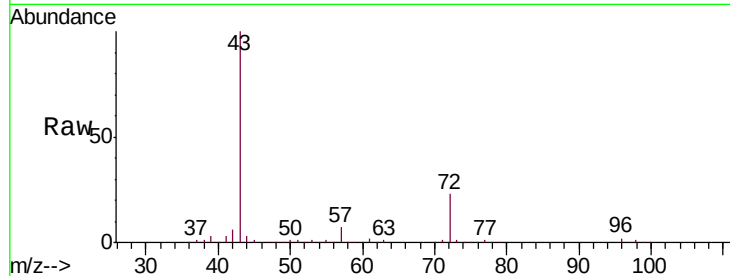
BPSI-TT-MW308D-20180914MSD

Tgt Ion: 43 Resp: 354590

Ion Ratio Lower Upper

43 100

72 23.1 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

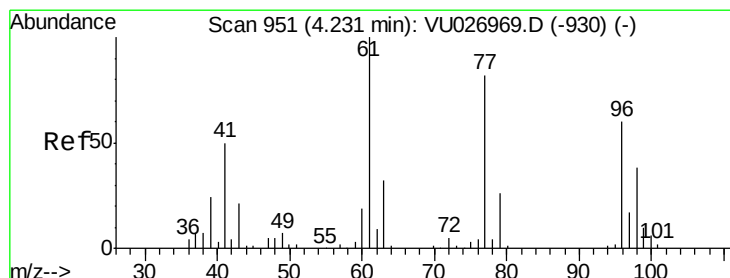
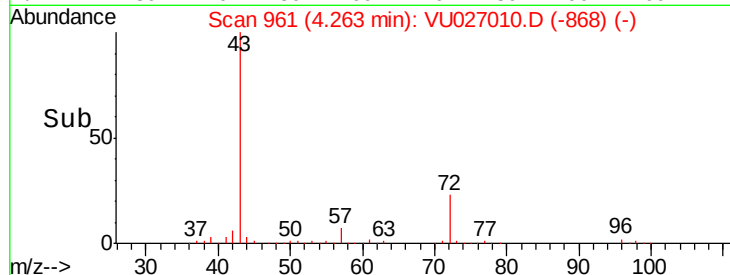
100000

50000

0

4.20 4.25 4.30 4.35

Time-->



#26

2,2-Dichloropropane

Concen: 24.043 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027010.D

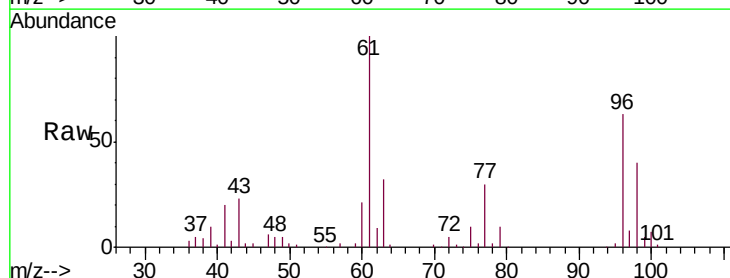
Acq: 22 Sep 2018 10:24

Tgt Ion: 77 Resp: 33106

Ion Ratio Lower Upper

77 100

97 24.6 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

4.23

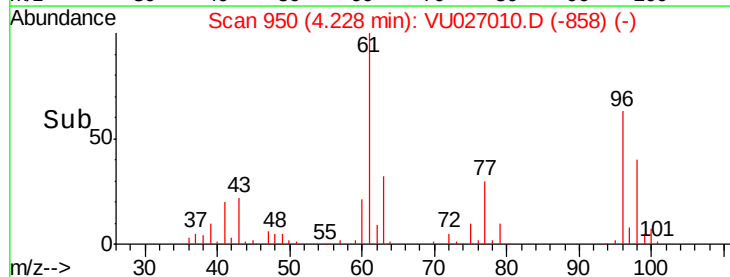
10000

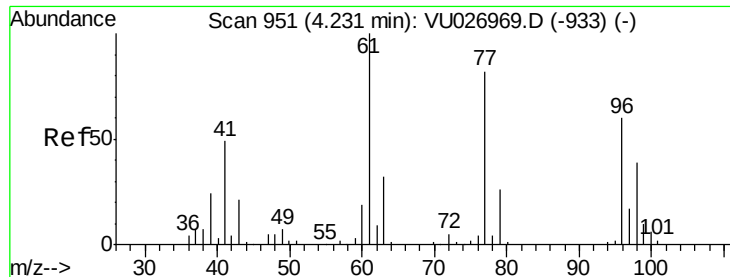
5000

0

4.10 4.20 4.30

Time-->

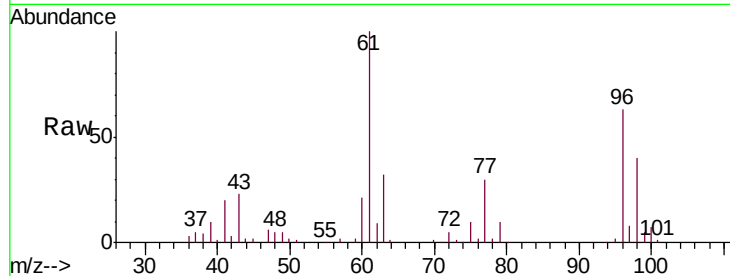




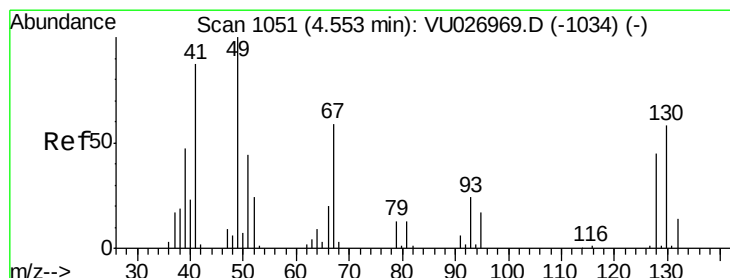
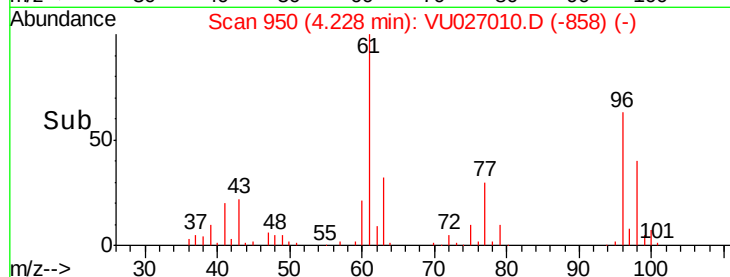
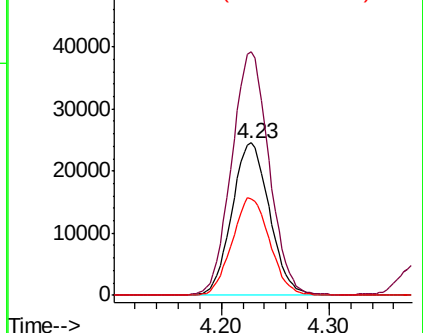
#27
 cis-1,2-Dichloroethene
 Concen: 66.894 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

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

Tgt Ion: 96 Resp: 59602
 Ion Ratio Lower Upper
 96 100
 61 159.6 0.0 337.2
 98 64.1 0.0 127.6

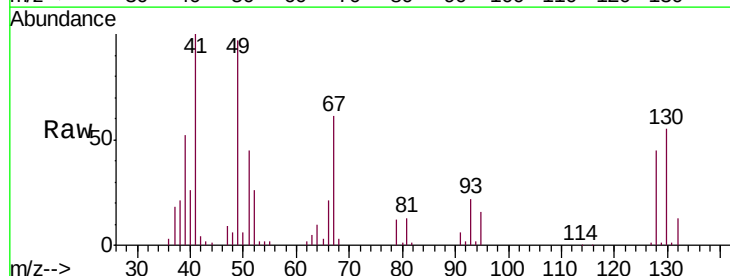


Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0

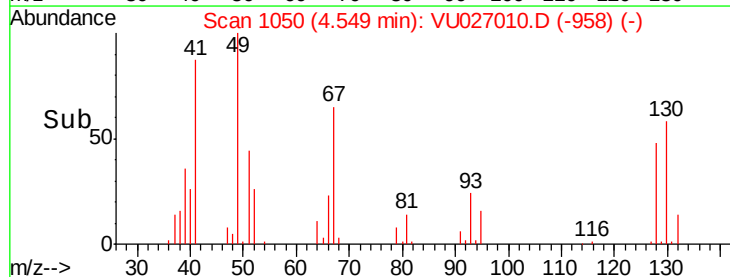
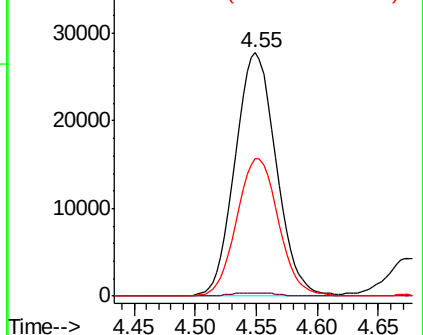


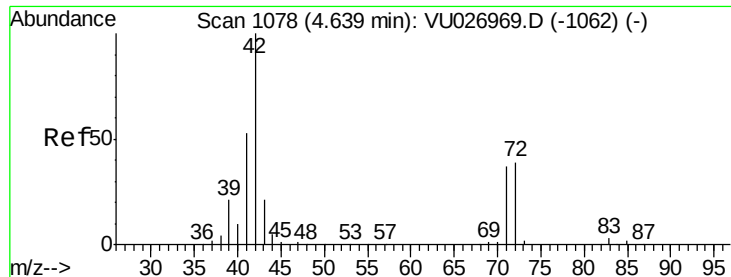
#28
 Bromochloromethane
 Concen: 76.323 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

Tgt Ion: 49 Resp: 64959
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.0
 130 57.3 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: 424.015 ug/l

RT: 4.64 min Scan# 1077

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MSD

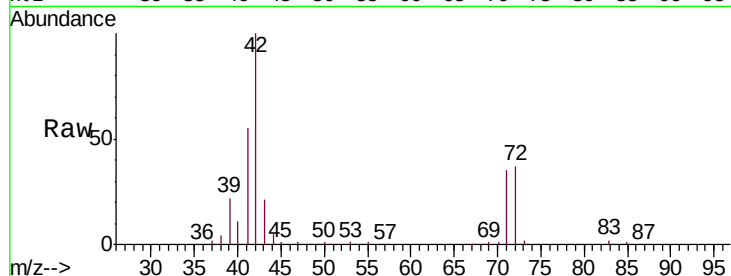
Tgt Ion: 42 Resp: 232123

Ion Ratio Lower Upper

42 100

72 38.3 31.7 47.5

71 35.7 29.6 44.4

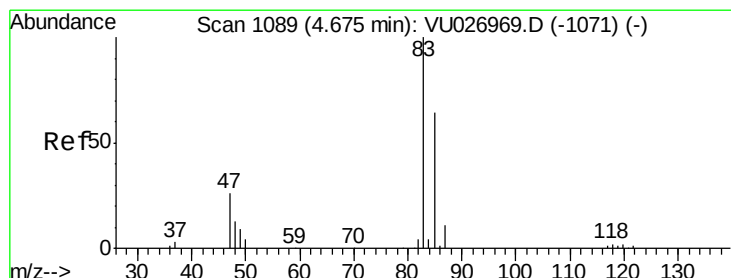
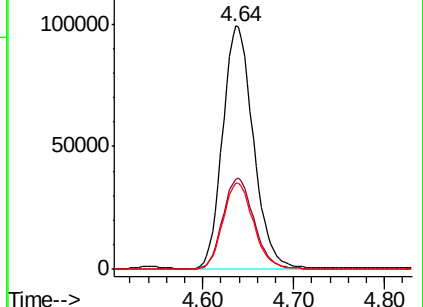
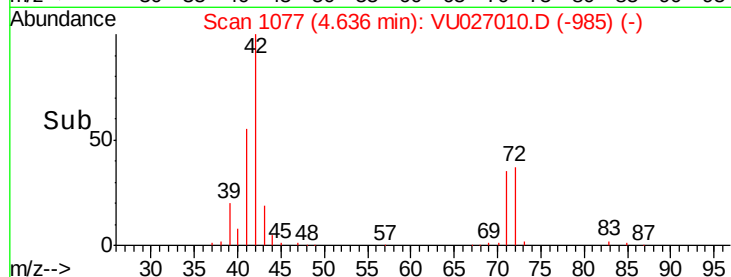


Abundance Ion 42.00 (41.70 to 42.70): VU026969.D (-1062) (-)

Ion 72.00 (71.70 to 72.70): VU026969.D (-1062) (-)

Ion 71.00 (70.70 to 71.70): VU026969.D (-1062) (-)

Time-->



#30

Chloroform

Concen: 67.606 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VU027010.D

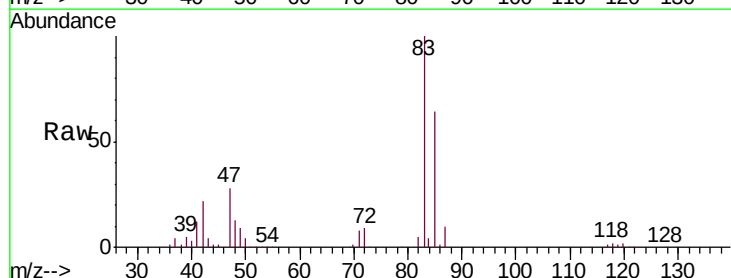
Acq: 22 Sep 2018 10:24

Tgt Ion: 83 Resp: 110800

Ion Ratio Lower Upper

83 100

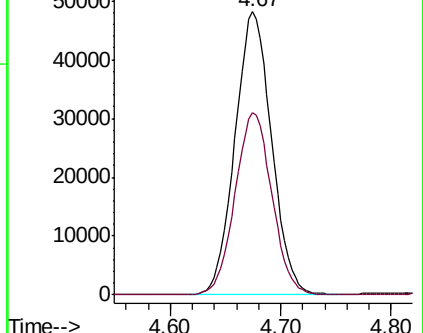
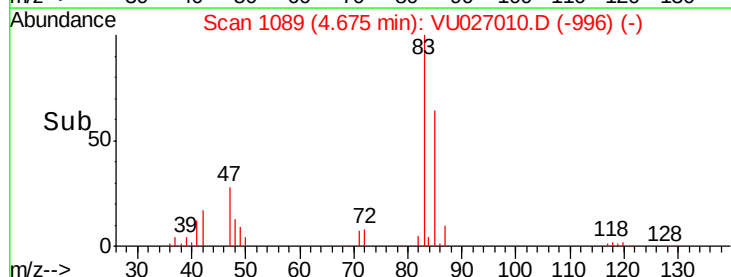
85 64.2 51.5 77.3

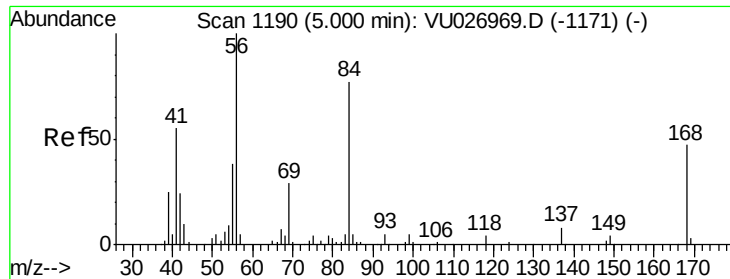


Abundance Ion 82.90 (82.60 to 83.60): VU026969.D (-1071) (-)

Ion 84.90 (84.60 to 85.60): VU026969.D (-1071) (-)

Time-->

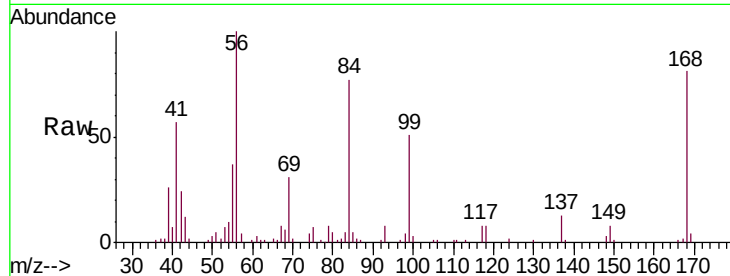




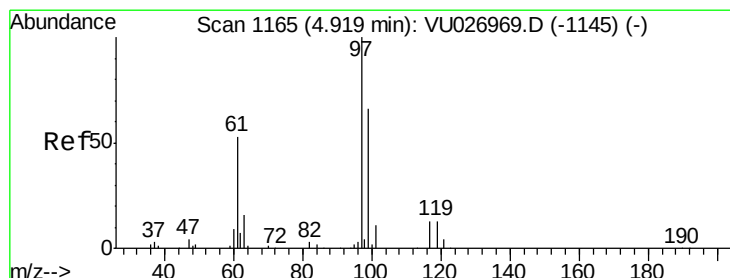
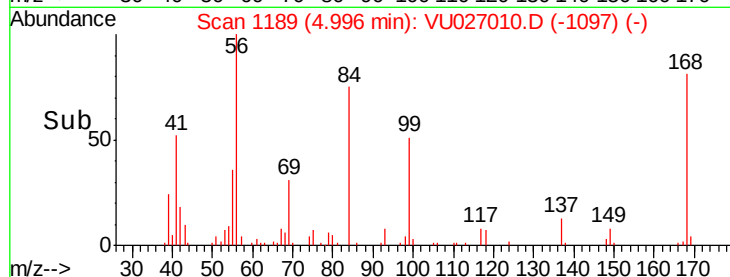
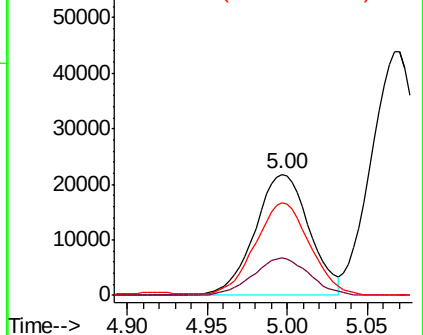
#31
Cyclohexane
Concen: 31.864 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

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

Tgt Ion: 56 Resp: 51476
Ion Ratio Lower Upper
56 100
69 30.6 23.0 34.4
84 75.2 61.4 92.2

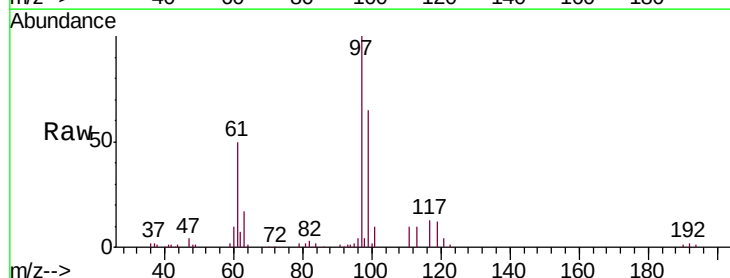


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

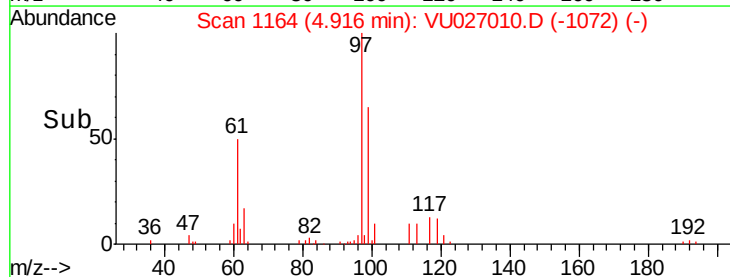
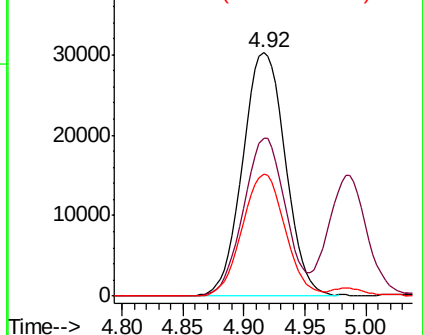


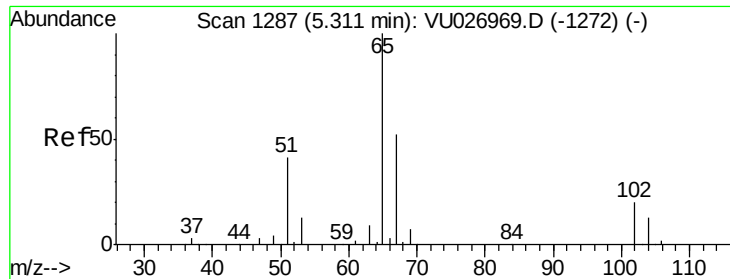
#32
1,1,1-Trichloroethane
Concen: 56.178 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

Tgt Ion: 97 Resp: 73511
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.6
61 50.5 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

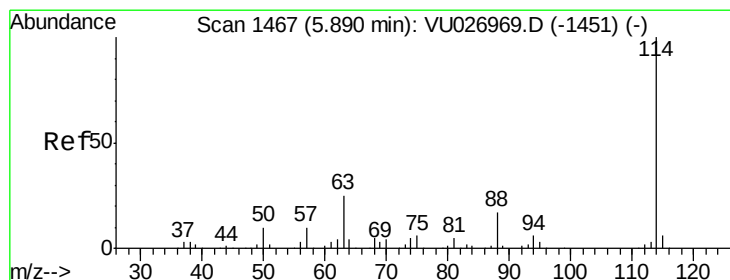
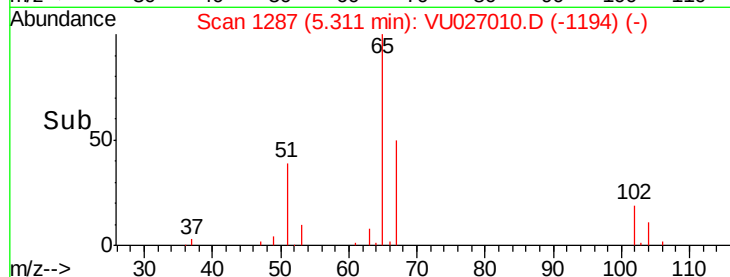
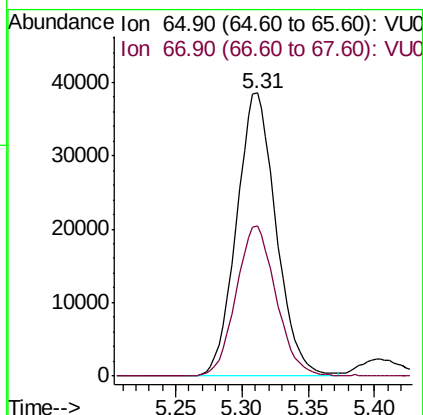
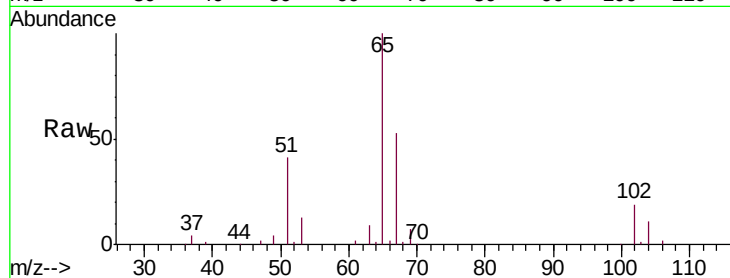




#33
 1,2-Dichloroethane-d4
 Concen: 74.100 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

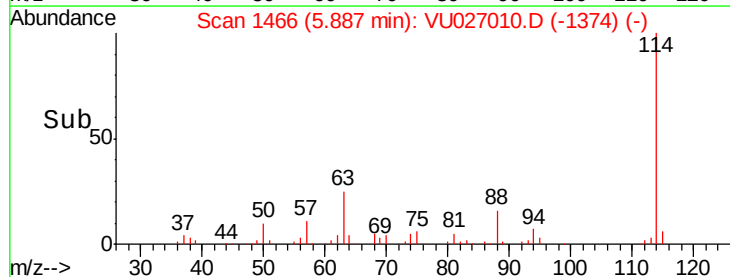
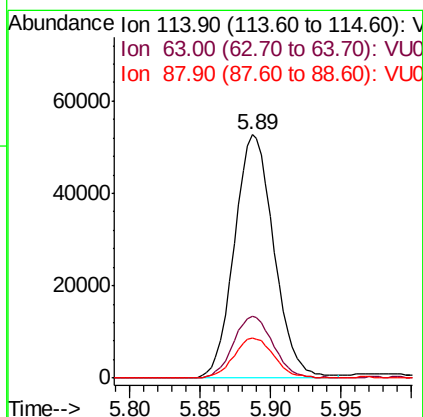
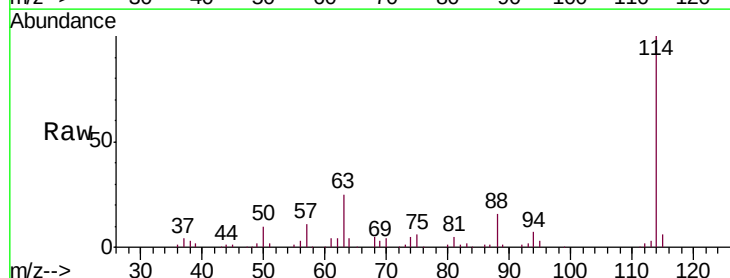
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MSD

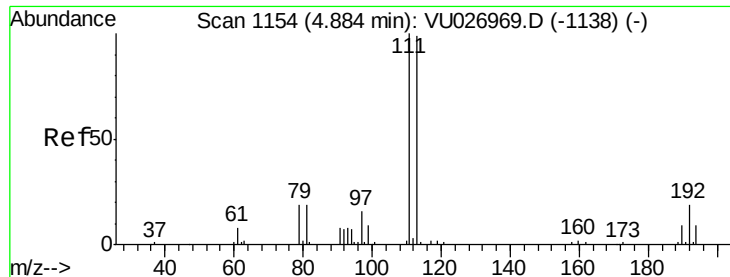
Tgt Ion: 65 Resp: 79794
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

Tgt Ion: 114 Resp: 103530
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 49.2
 88 16.4 0.0 33.8

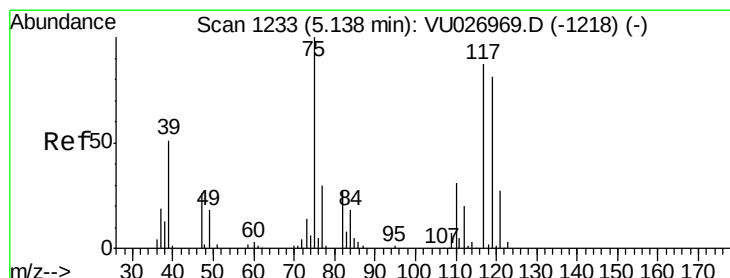
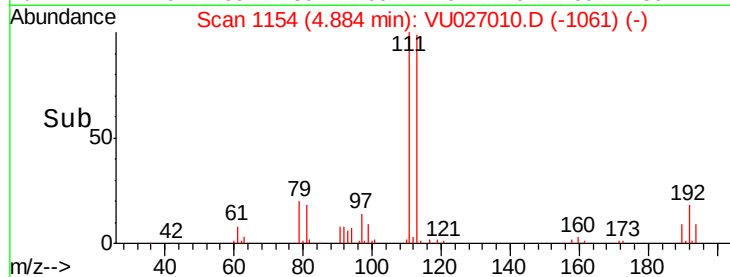
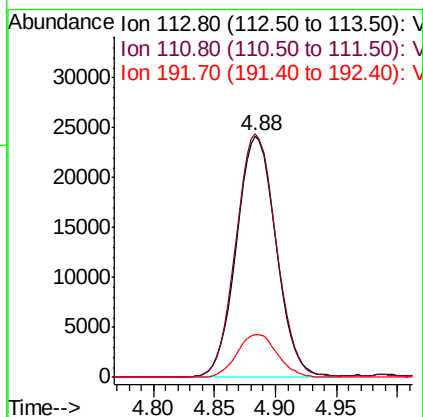
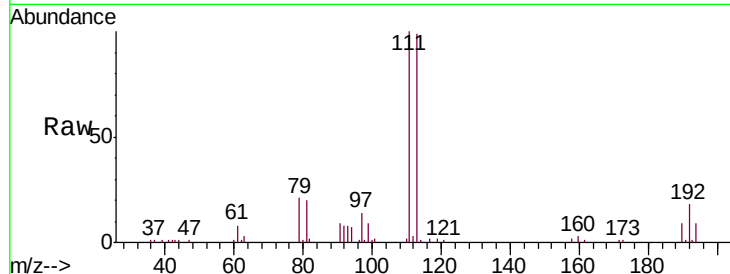




#35
 Dibromofluoromethane
 Concen: 60.751 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

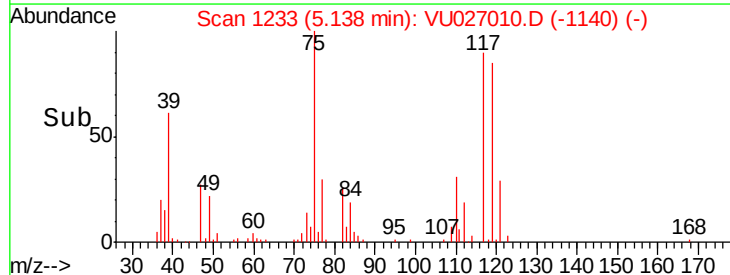
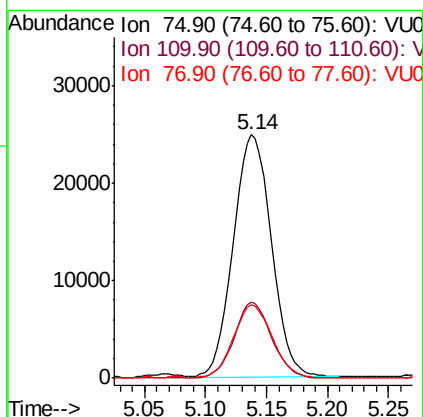
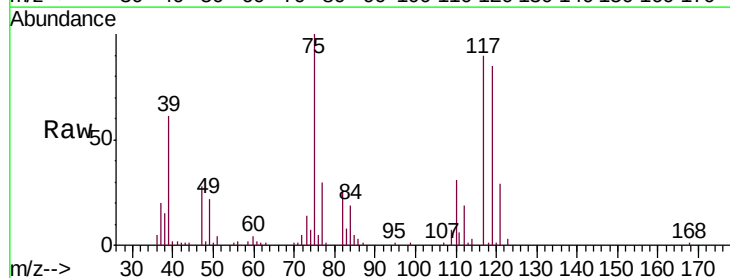
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MSD

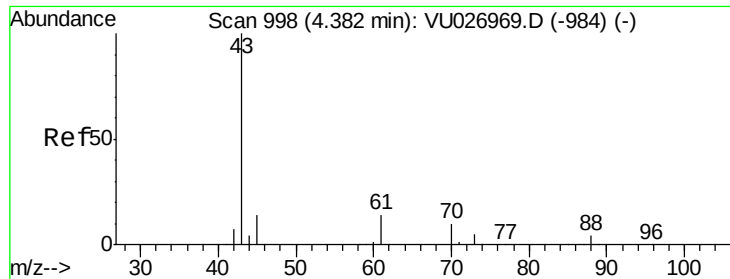
Tgt Ion: 113 Resp: 54518
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.4
 192 18.1 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 38.964 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

Tgt Ion: 75 Resp: 53838
 Ion Ratio Lower Upper
 75 100
 110 30.6 16.1 48.2
 77 30.7 24.6 36.8

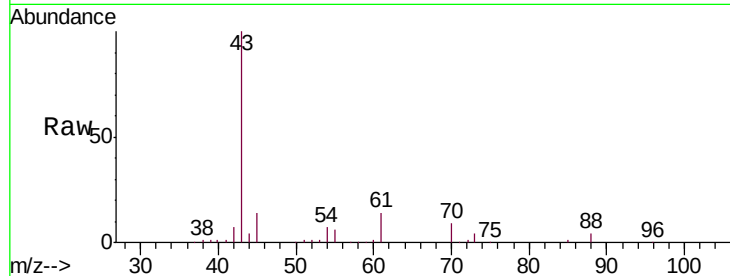




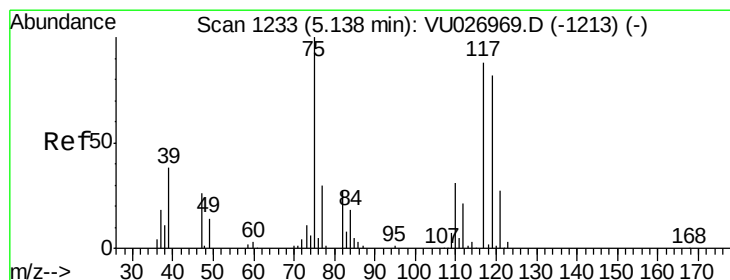
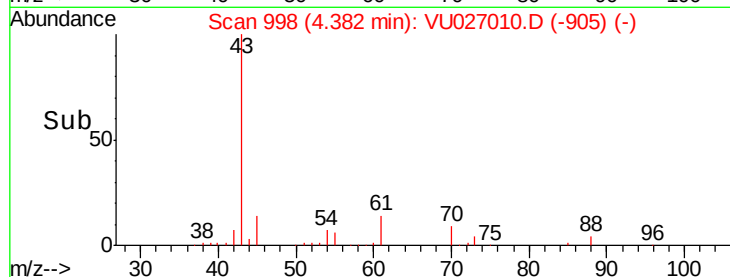
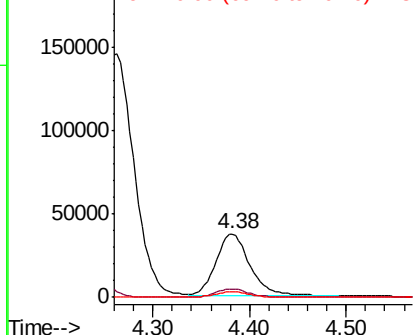
#37
 Ethyl Acetate
 Concen: 49.590 ug/l
 RT: 4.38 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

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

Tgt Ion: 43 Resp: 92758
 Ion Ratio Lower Upper
 43 100
 61 12.8 10.5 15.7
 70 8.7 7.4 11.0

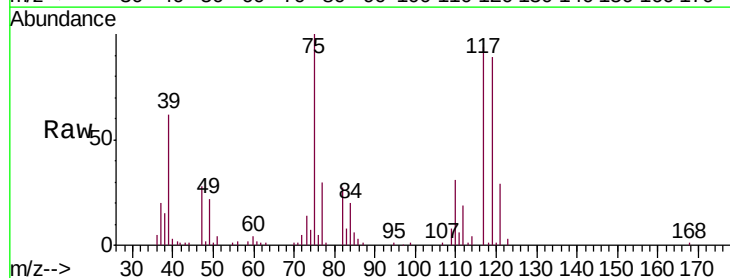


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 70.00 (69.70 to 70.70): VU0

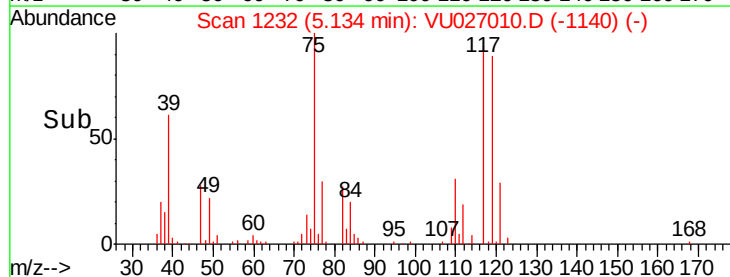
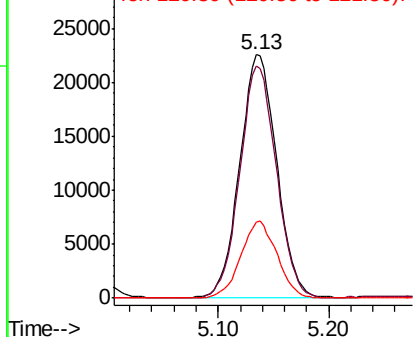


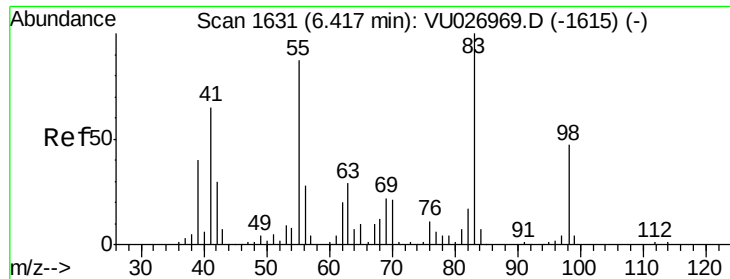
#38
 Carbon Tetrachloride
 Concen: 39.836 ug/l
 RT: 5.13 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

Tgt Ion: 117 Resp: 52380
 Ion Ratio Lower Upper
 117 100
 119 95.5 74.4 111.6
 121 31.2 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

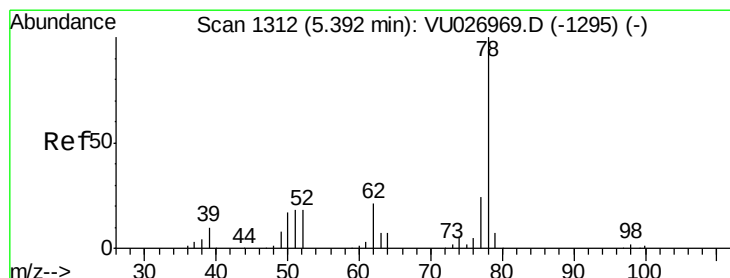
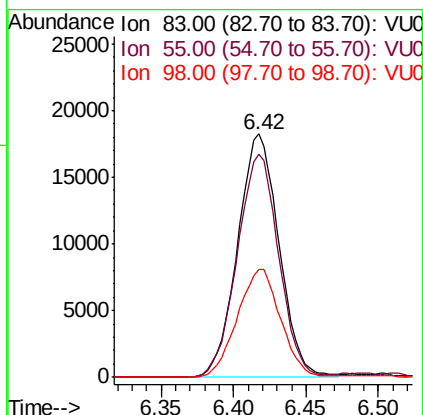
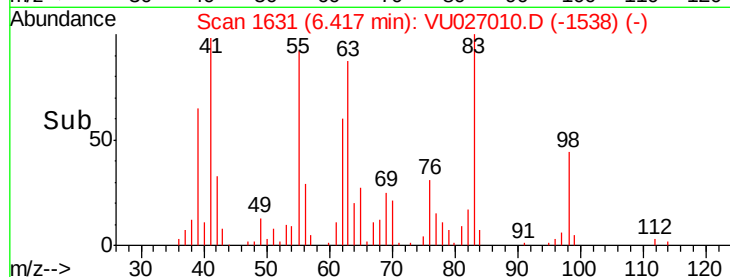
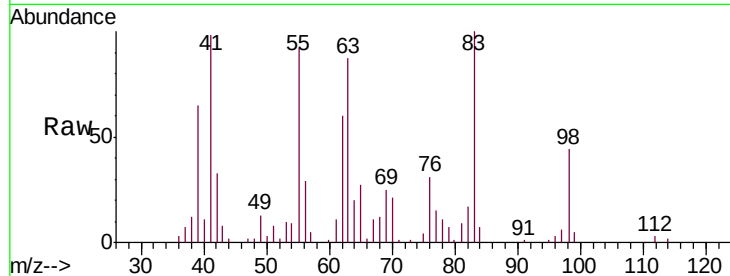




#39
Methylcyclohexane
Concen: 24.102 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

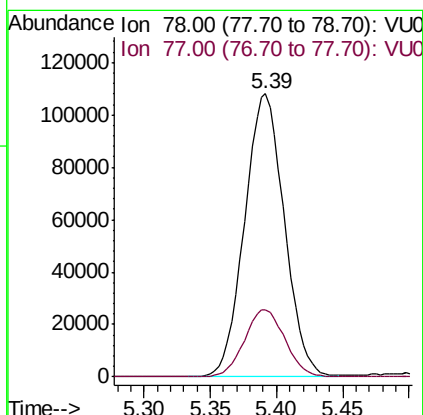
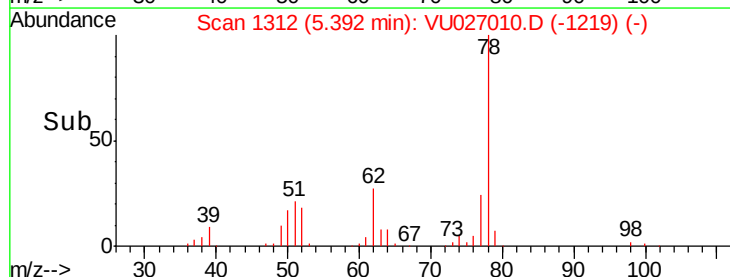
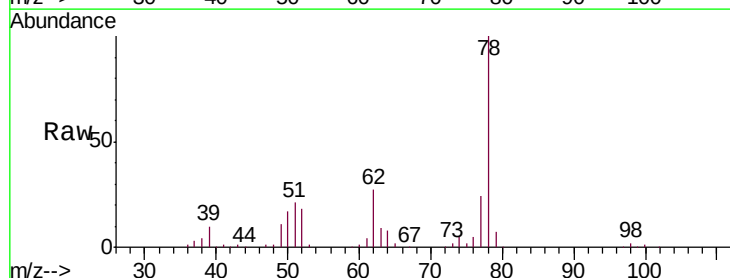
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

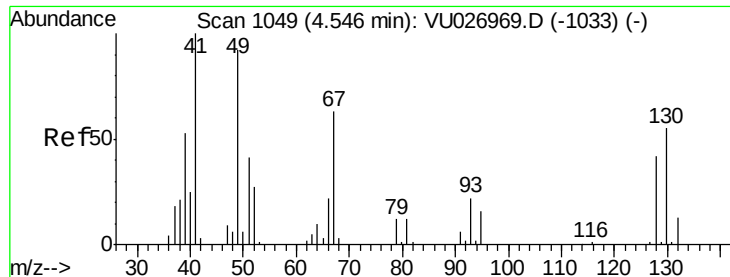
Tgt Ion: 83 Resp: 36190
Ion Ratio Lower Upper
83 100
55 91.8 69.9 104.9
98 44.3 37.5 56.3



#40
Benzene
Concen: 53.653 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

Tgt Ion: 78 Resp: 225366
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0

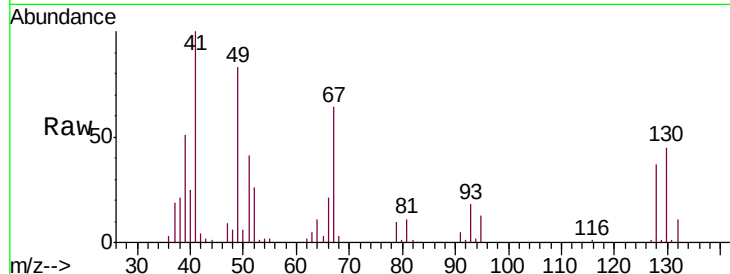




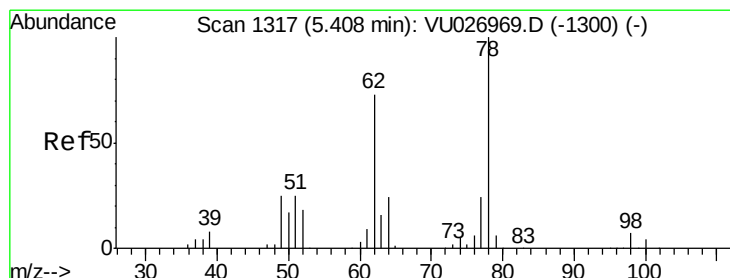
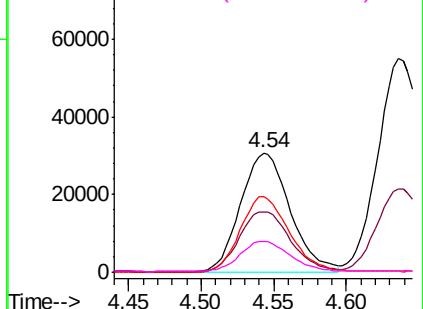
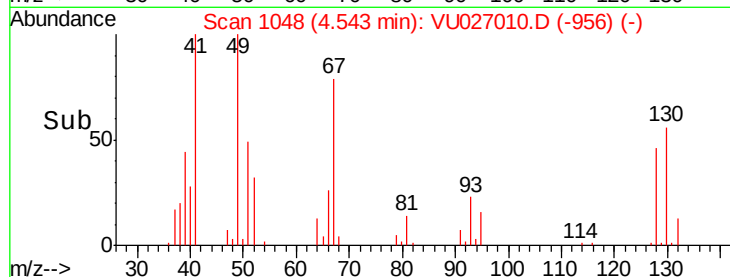
#41
Methacrylonitrile
Concen: 75.210 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

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

Tgt Ion:	41	Resp:	73061
Ion	Ratio	Lower	Upper
41	100		
39	51.9	42.9	64.3
67	62.8	52.4	78.6
52	25.6	21.3	31.9

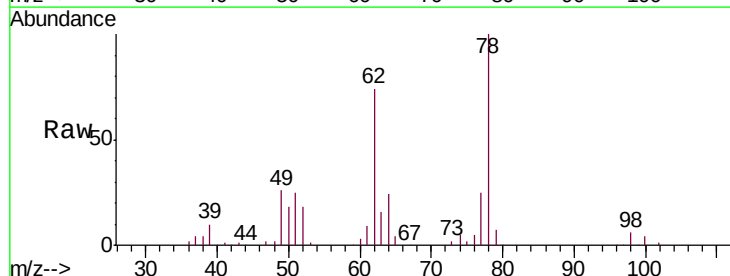


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

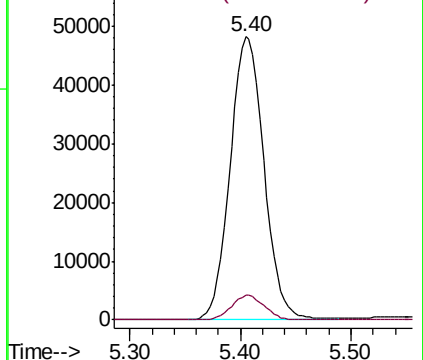
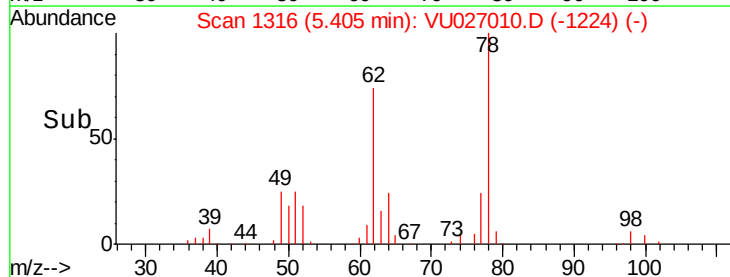


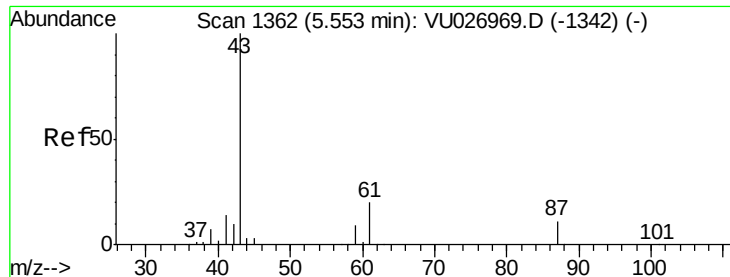
#42
1,2-Dichloroethane
Concen: 64.856 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

Tgt Ion:	62	Resp:	102926
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.0



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





#43

Isopropyl Acetate

Concen: 58.246 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

ClientSampleID :

BPSI-TT-MW308D-20180914MSD

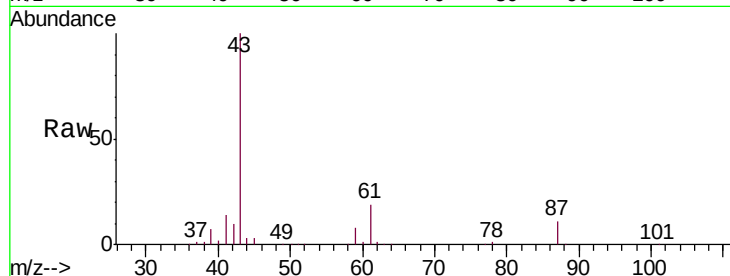
Tgt Ion: 43 Resp: 158889

Ion Ratio Lower Upper

43 100

61 19.3 15.7 23.5

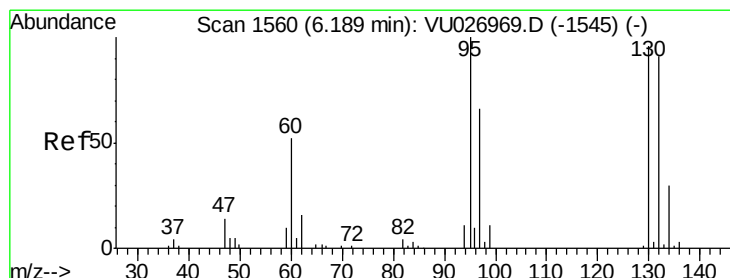
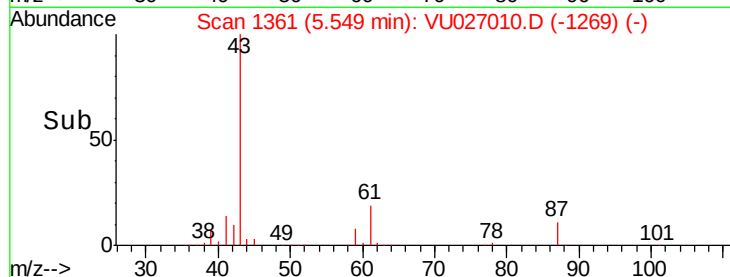
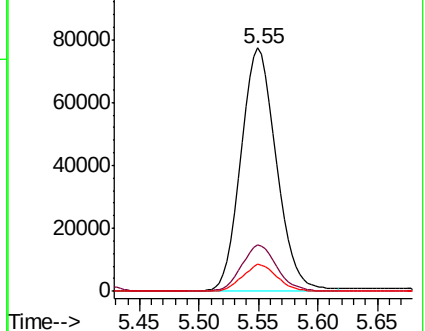
87 10.9 9.0 13.4



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

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

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



#44

Trichloroethene

Concen: 44.657 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU027010.D

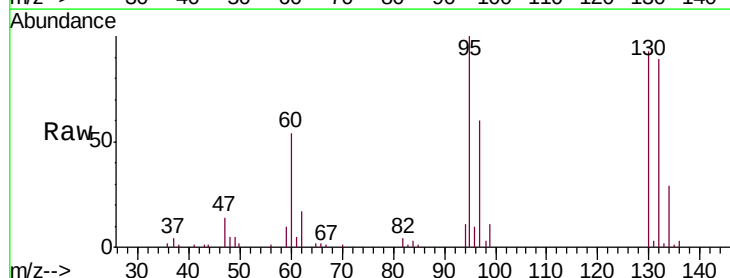
Acq: 22 Sep 2018 10:24

Tgt Ion: 130 Resp: 39934

Ion Ratio Lower Upper

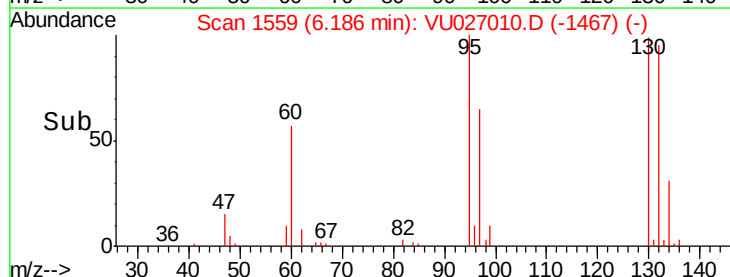
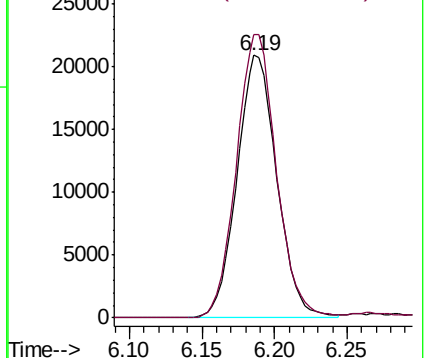
130 100

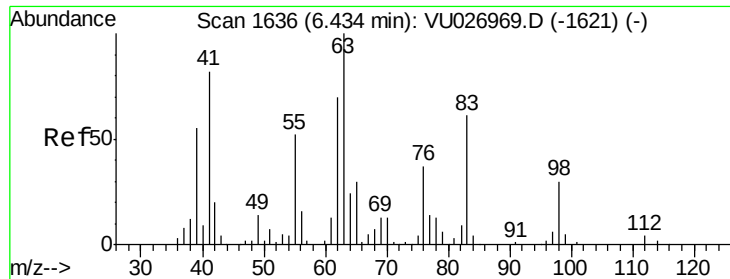
95 107.9 0.0 208.8



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

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





#45

1,2-Dichloropropane

Concen: 60.583 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

ClientSampleId :

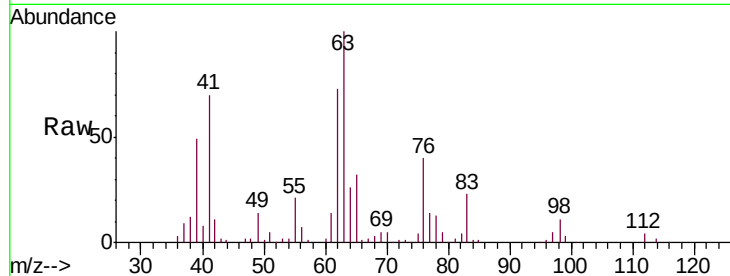
BPSI-TT-MW308D-20180914MSD

Tgt Ion: 63 Resp: 72508

Ion Ratio Lower Upper

63 100

65 32.1 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0

6.43

40000

30000

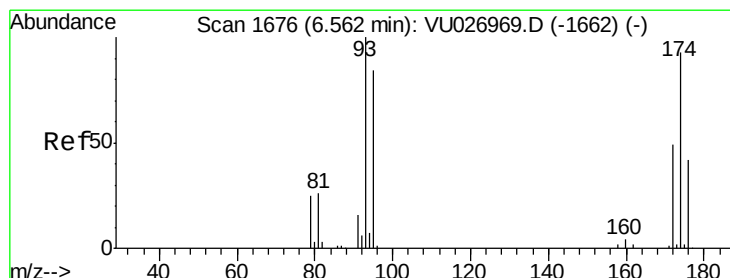
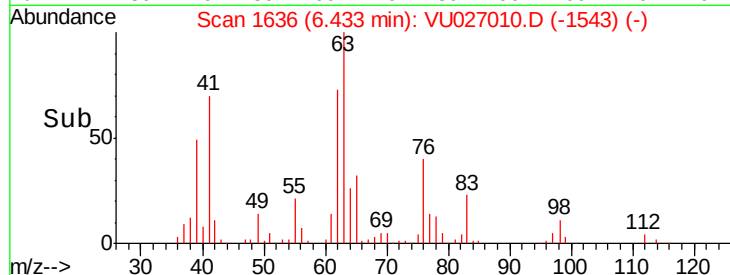
20000

10000

0

6.35 6.40 6.45 6.50

Time-->



#46

Dibromomethane

Concen: 63.255 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

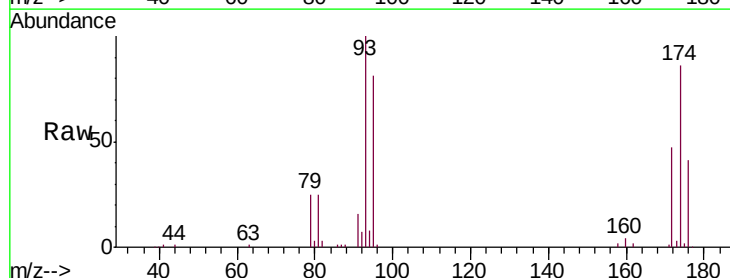
Tgt Ion: 93 Resp: 45723

Ion Ratio Lower Upper

93 100

95 81.9 66.2 99.4

174 86.1 71.7 107.5



Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V

6.56

30000

25000

20000

15000

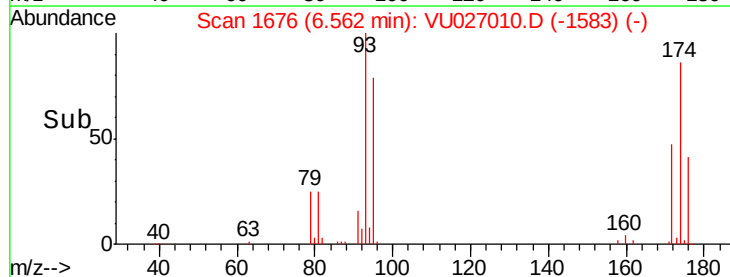
10000

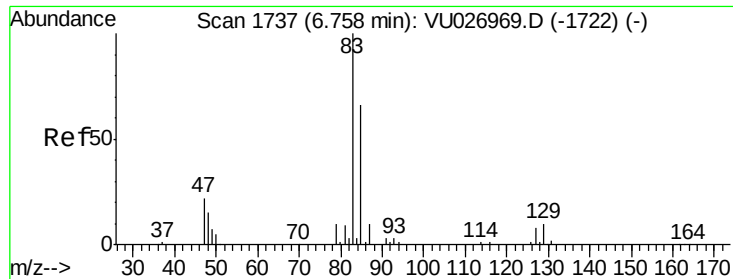
5000

0

6.50 6.55 6.60 6.65

Time-->





#47

Bromodichloromethane

Concen: 58.657 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MSD

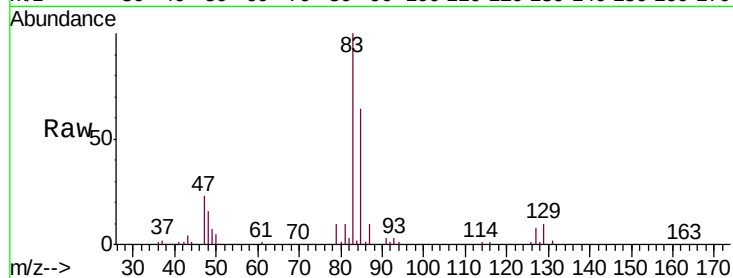
Tgt Ion: 83 Resp: 85733

Ion Ratio Lower Upper

83 100

85 63.3 52.5 78.7

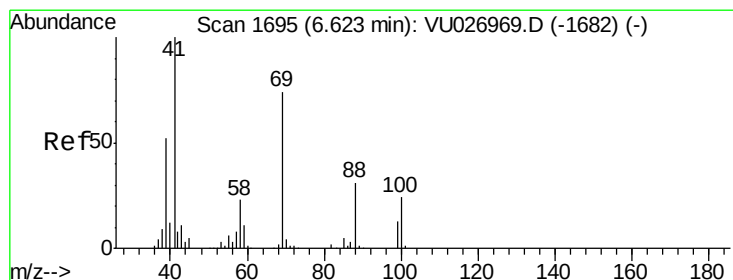
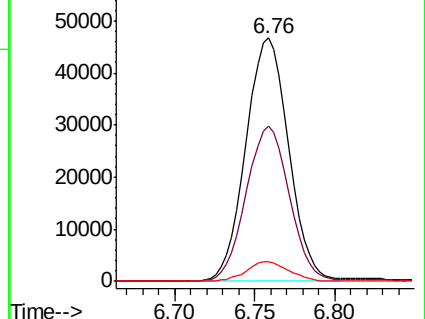
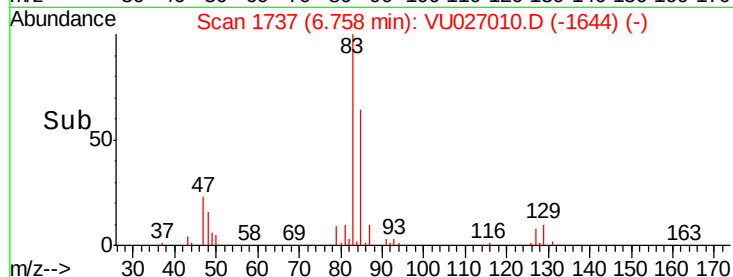
127 8.0 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VU026969.D (-1722) (-)

Ion 84.90 (84.60 to 85.60): VU026969.D (-1722) (-)

Ion 126.80 (126.50 to 127.50): VU026969.D (-1722) (-)



#48

Methyl methacrylate

Concen: 64.855 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

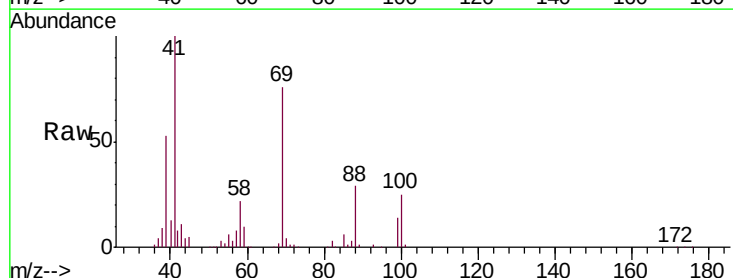
Tgt Ion: 41 Resp: 96747

Ion Ratio Lower Upper

41 100

69 76.1 60.6 90.8

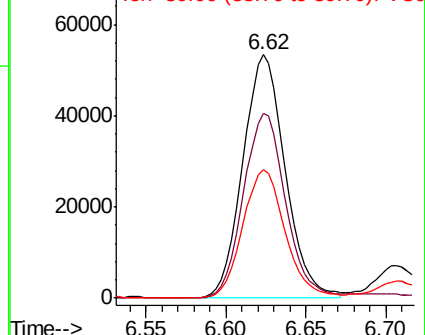
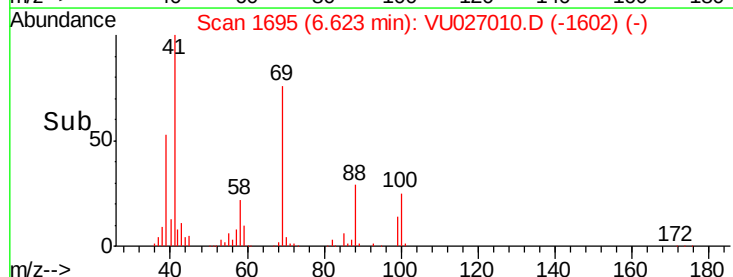
39 52.9 42.8 64.2

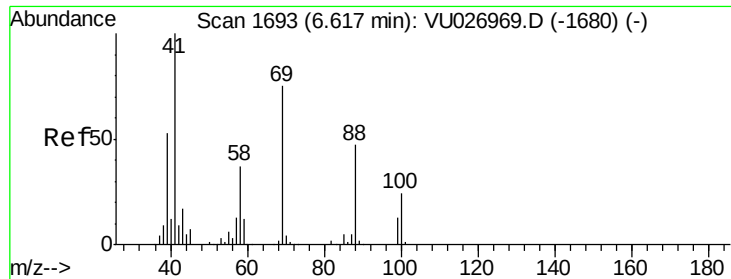


Abundance Ion 41.00 (40.70 to 41.70): VU026969.D (-1682) (-)

Ion 69.00 (68.70 to 69.70): VU026969.D (-1682) (-)

Ion 39.00 (38.70 to 39.70): VU026969.D (-1682) (-)

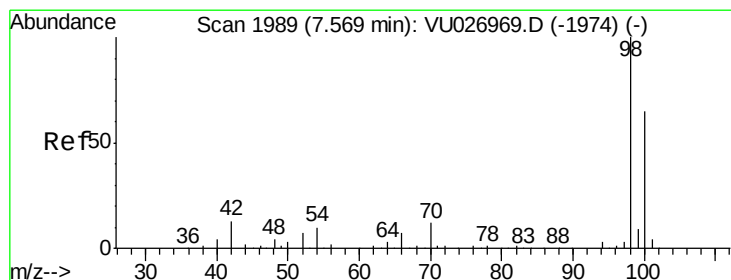
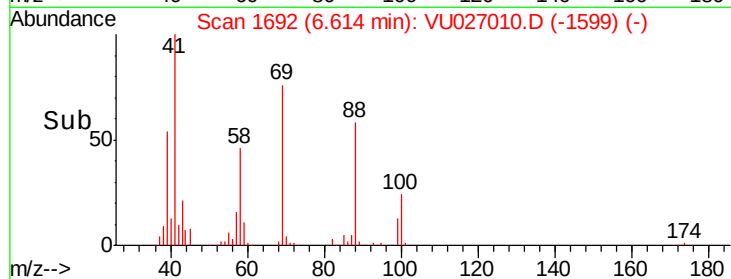
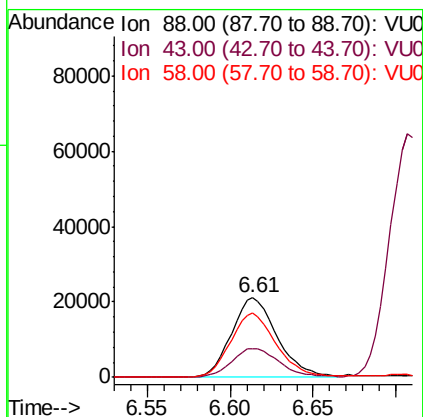
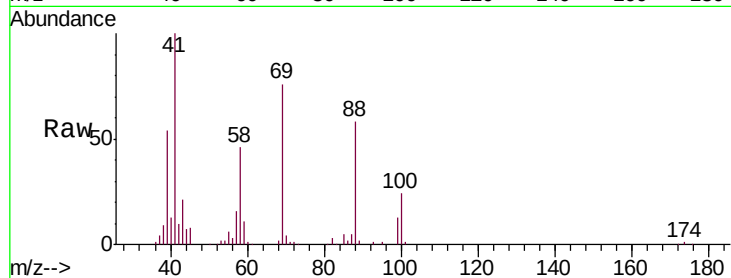




#49
1,4-Dioxane
Concen: 1376.175 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

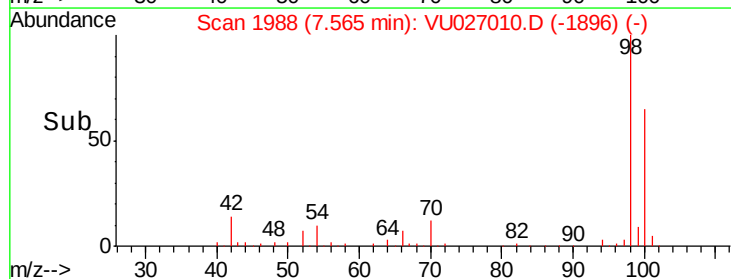
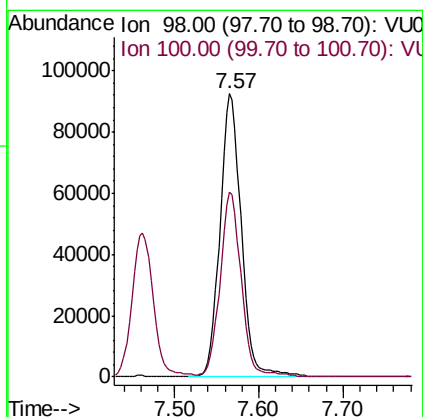
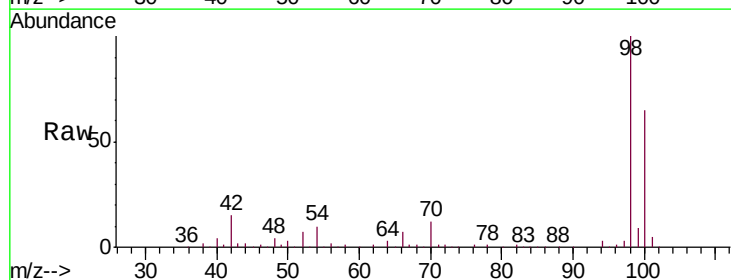
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

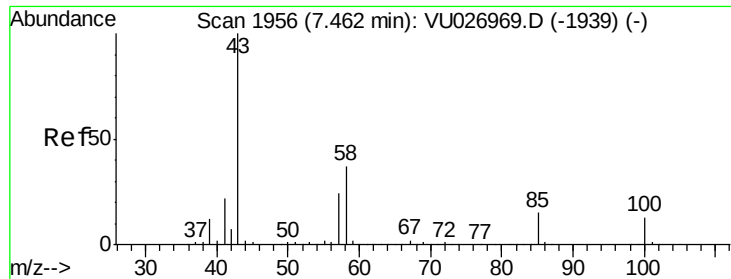
Tgt Ion: 88 Resp: 40559
Ion Ratio Lower Upper
88 100
43 38.2 29.8 44.8
58 81.2 63.9 95.9



#50
Toluene-d8
Concen: 47.467 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

Tgt Ion: 98 Resp: 162337
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 368.236 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

ClientSampleId :

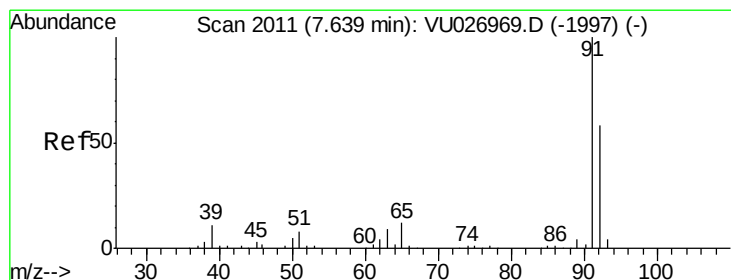
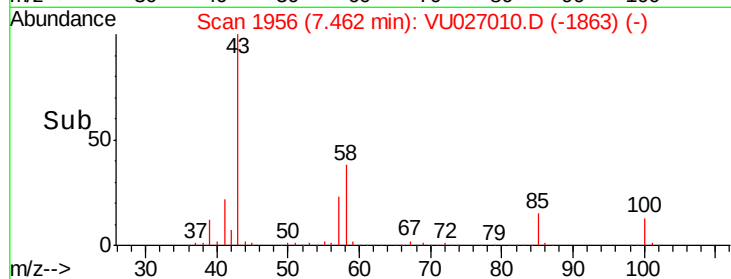
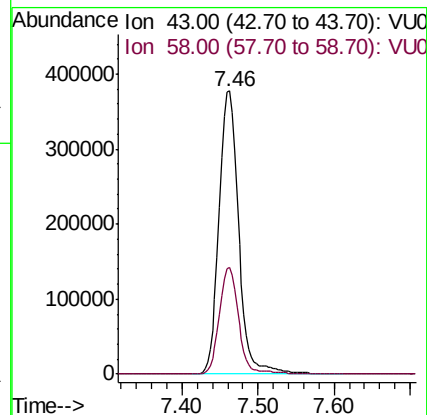
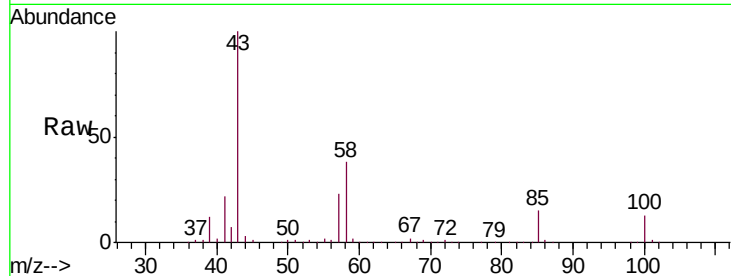
BPSI-TT-MW308D-20180914MSD

Tgt Ion: 43 Resp: 675591

Ion Ratio Lower Upper

43 100

58 37.0 29.8 44.6



#52

Toluene

Concen: 48.039 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. -0.00 min

Lab File: VU027010.D

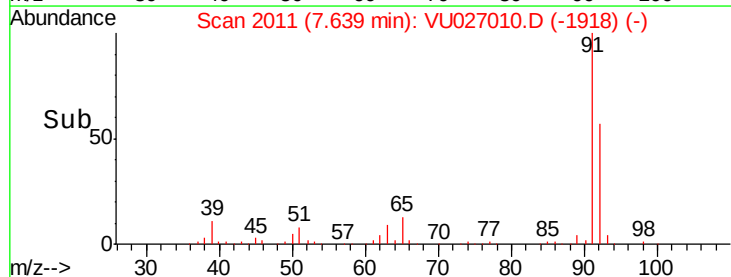
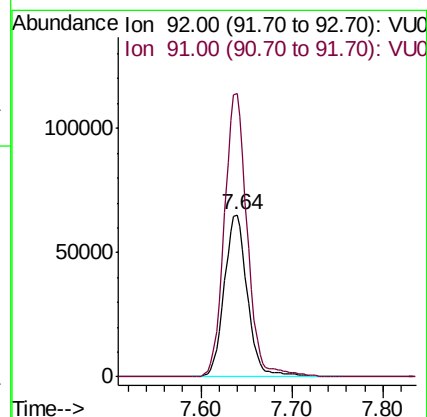
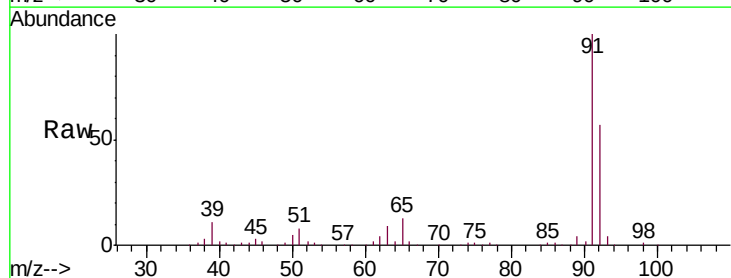
Acq: 22 Sep 2018 10:24

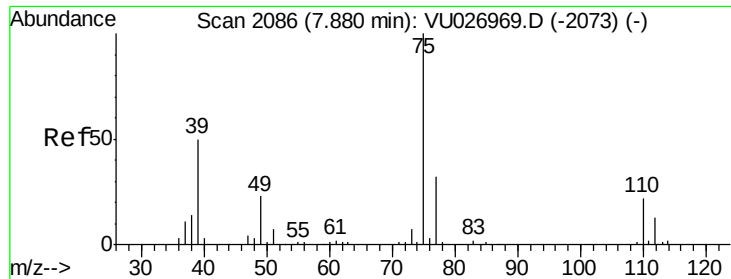
Tgt Ion: 92 Resp: 115663

Ion Ratio Lower Upper

92 100

91 173.2 136.4 204.6

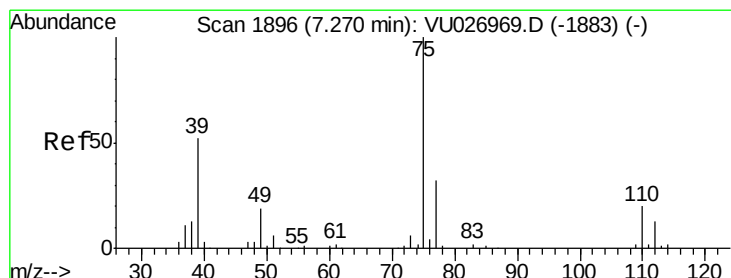
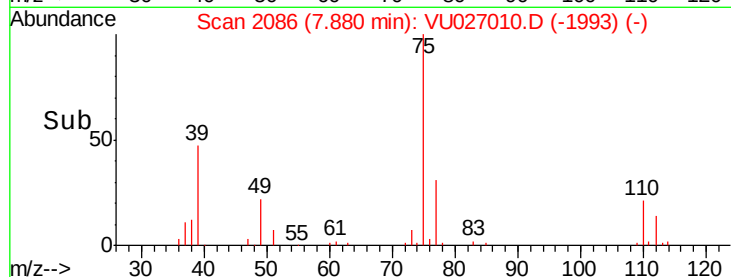
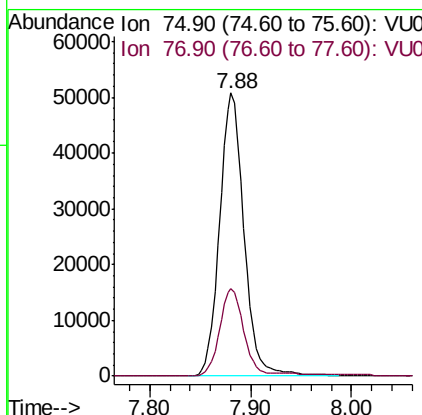
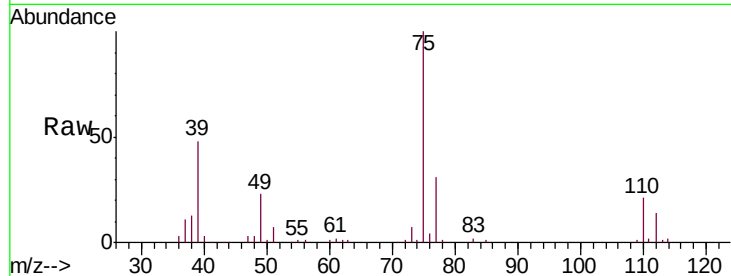




#53
t-1,3-Dichloropropene
Concen: 54.737 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

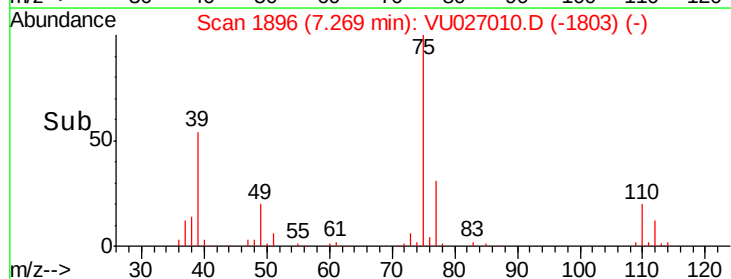
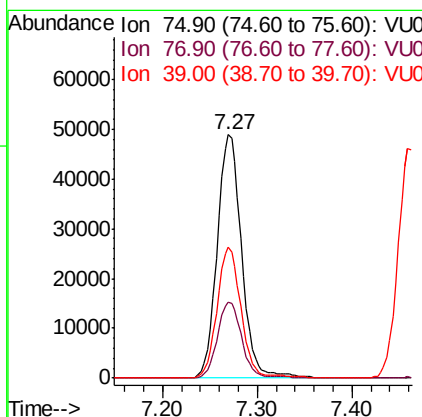
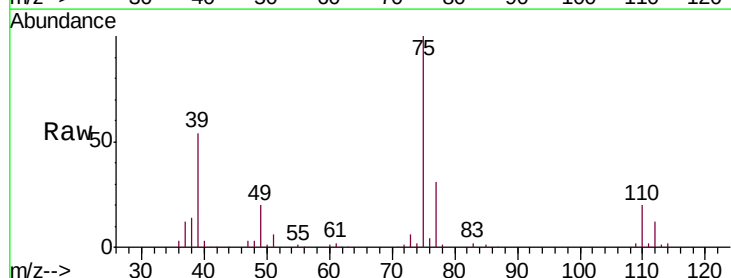
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

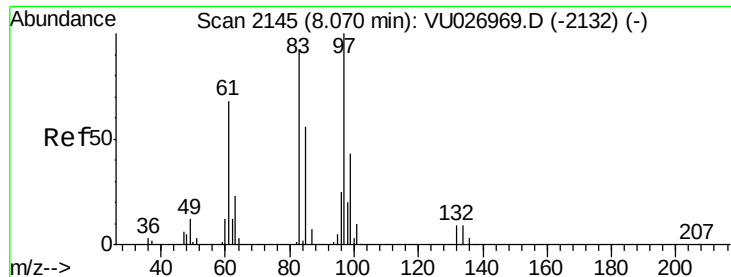
Tgt Ion: 75 Resp: 85957
Ion Ratio Lower Upper
75 100
77 30.9 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 50.889 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

Tgt Ion: 75 Resp: 87869
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0
39 54.0 41.6 62.4

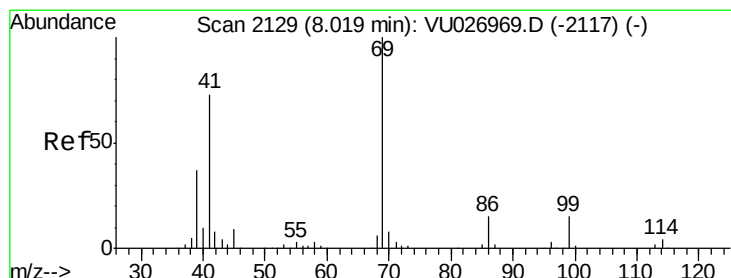
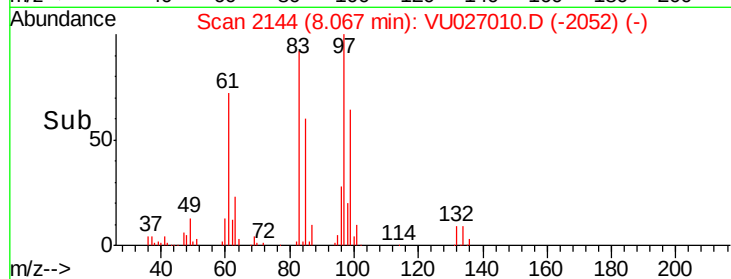
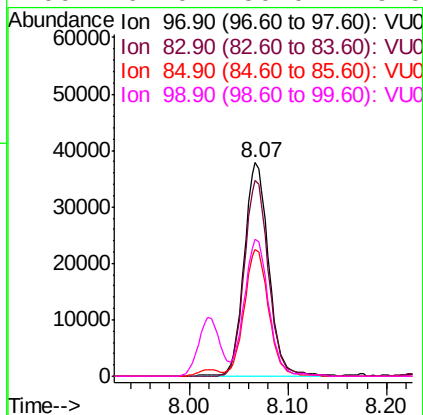
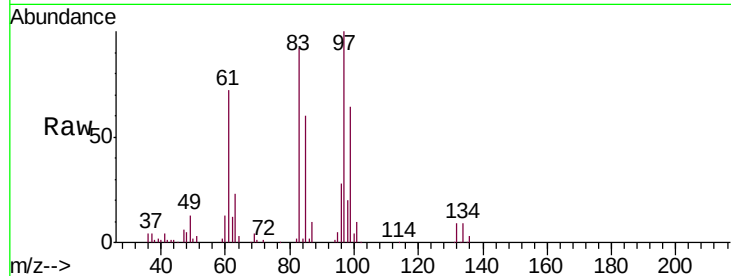




#55
 1,1,2-Trichloroethane
 Concen: 63.849 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

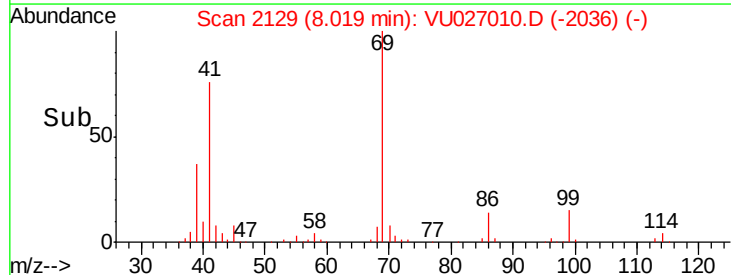
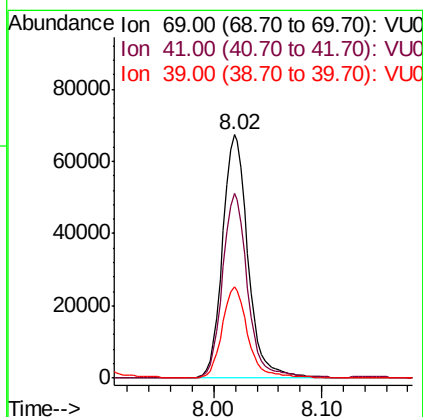
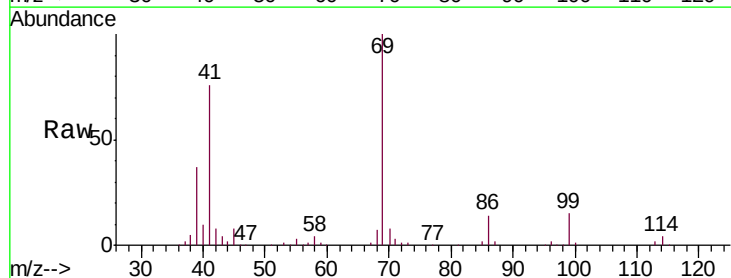
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MSD

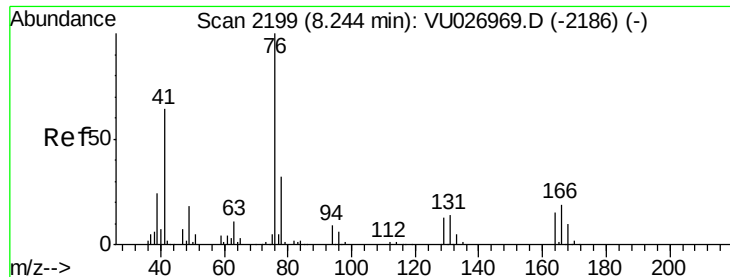
Tgt Ion:	97	Resp:	65139
Ion	Ratio	Lower	Upper
97	100		
83	91.5	73.1	109.7
85	59.6	46.7	70.1
99	64.0	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 62.057 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

Tgt Ion:	69	Resp:	110829
Ion	Ratio	Lower	Upper
69	100		
41	75.2	59.0	88.4
39	37.6	30.2	45.4

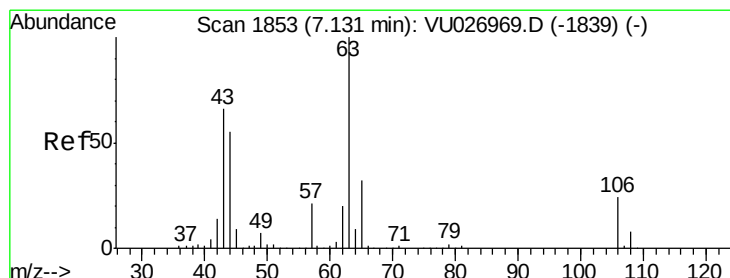
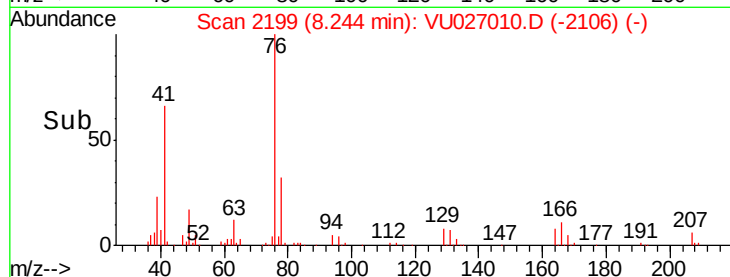
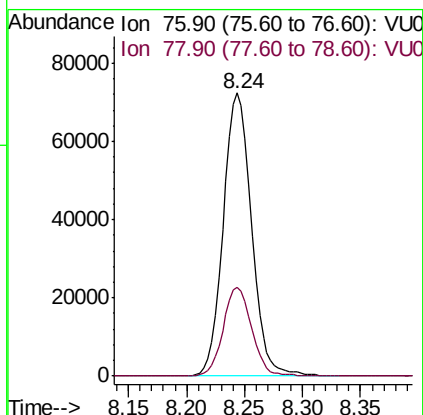
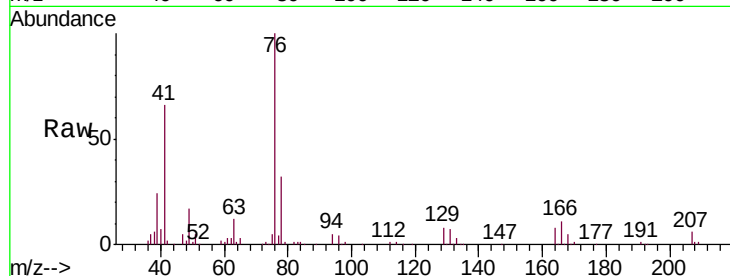




#57
 1,3-Dichloropropane
 Concen: 64.696 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

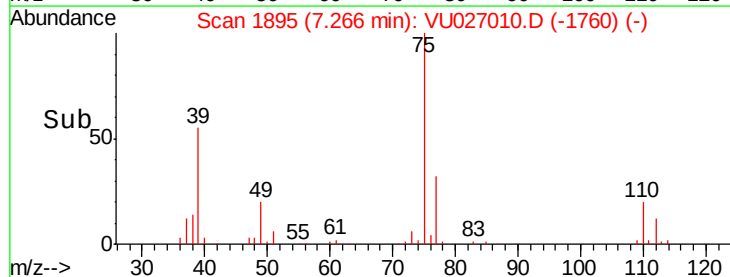
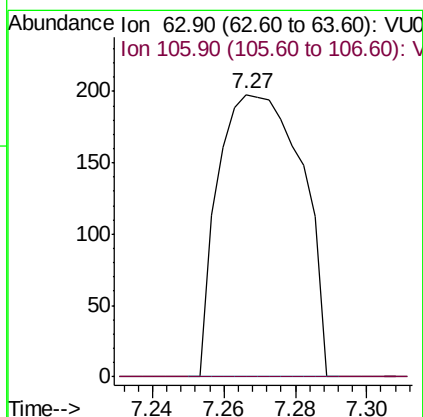
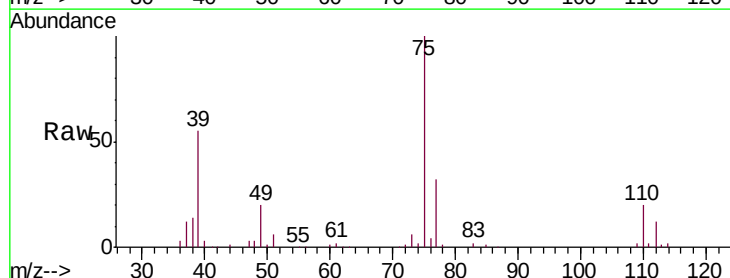
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MSD

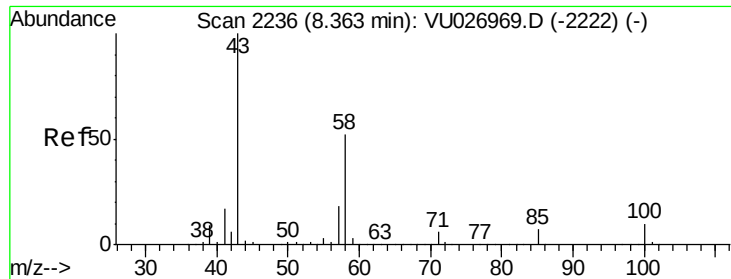
Tgt Ion: 76 Resp: 122760
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 5.173 ug/l
 RT: 7.27 min Scan# 1895
 Delta R.T. 0.14 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

Tgt Ion: 63 Resp: 319
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.7 28.1#

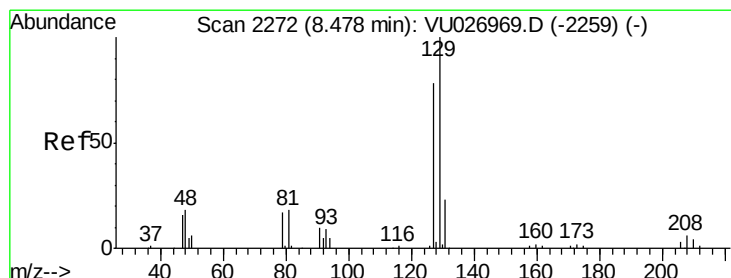
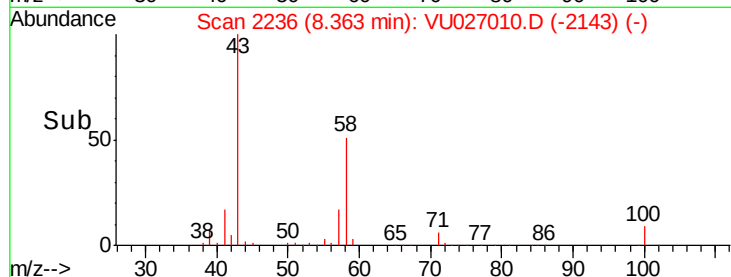
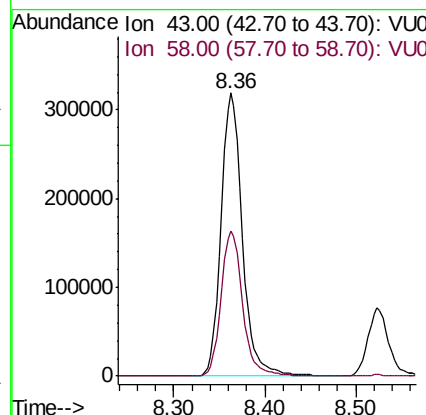
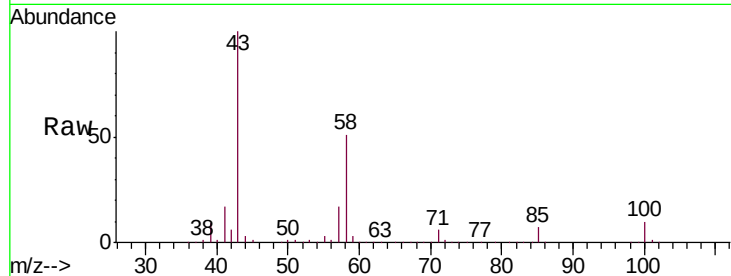




#59
2-Hexanone
Concen: 361.993 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

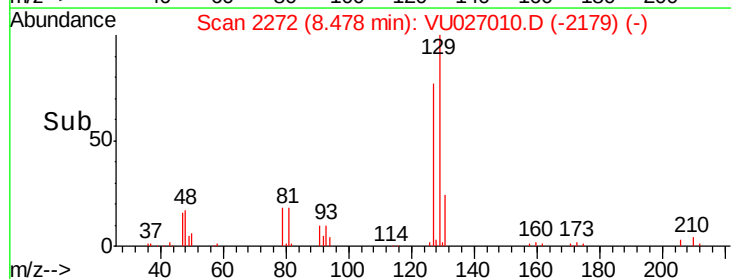
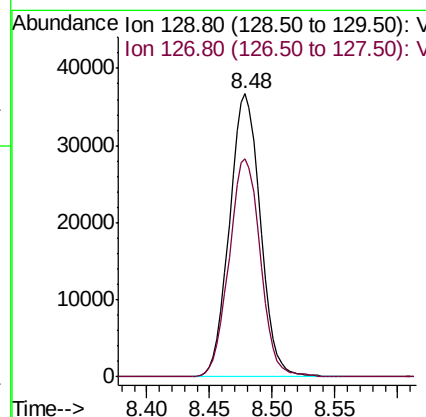
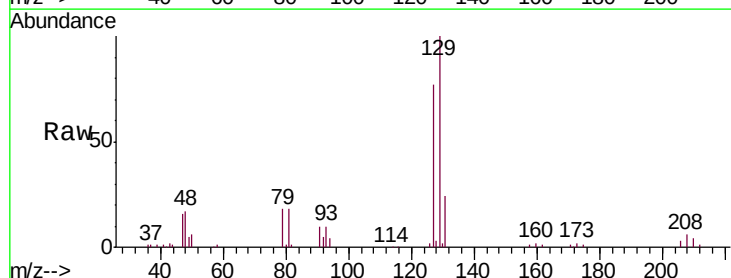
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

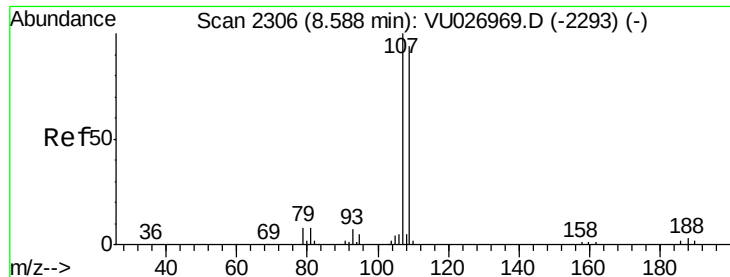
Tgt Ion: 43 Resp: 519872
Ion Ratio Lower Upper
43 100
58 51.8 26.1 78.2



#60
Dibromochloromethane
Concen: 62.824 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

Tgt Ion: 129 Resp: 62868
Ion Ratio Lower Upper
129 100
127 78.1 38.1 114.5

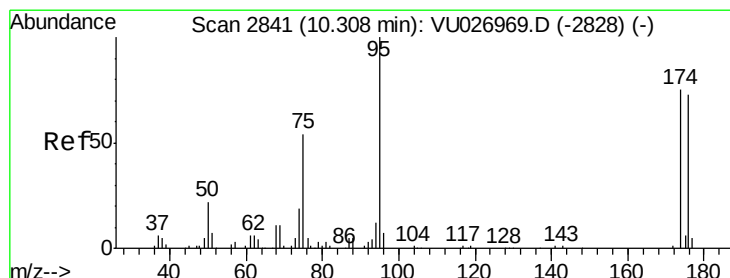
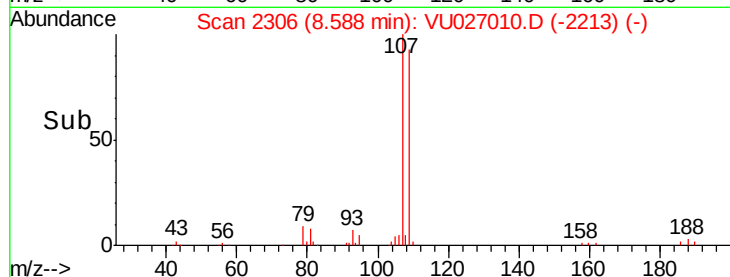
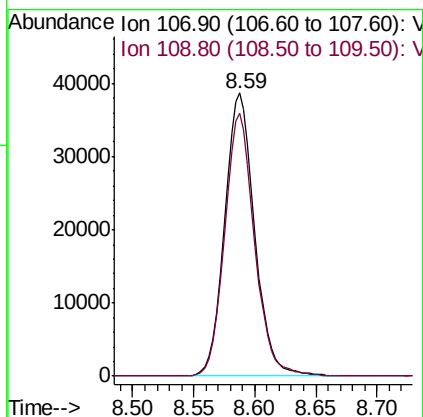
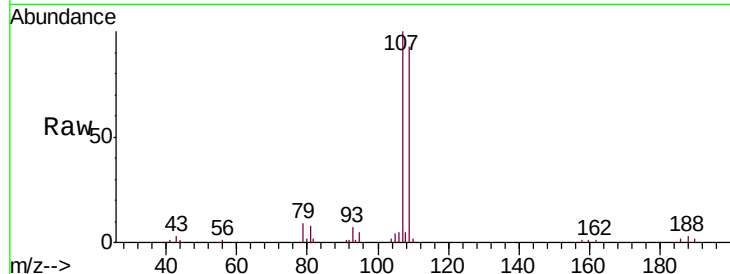




#61
 1,2-Dibromoethane
 Concen: 62.713 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

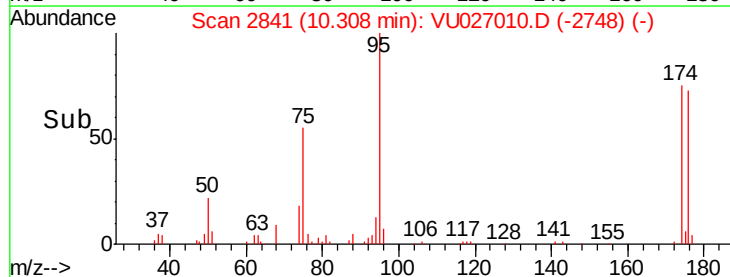
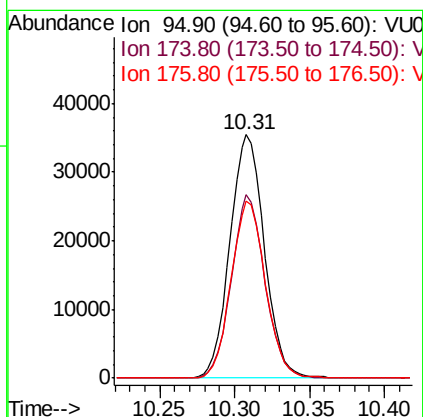
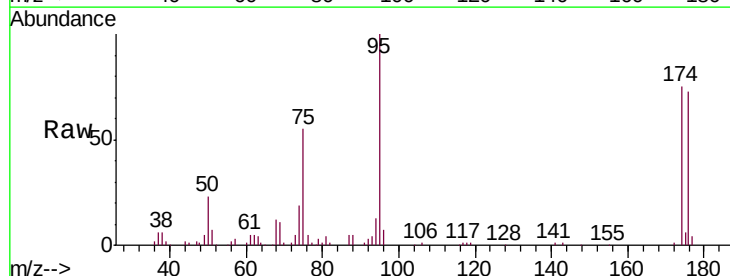
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MSD

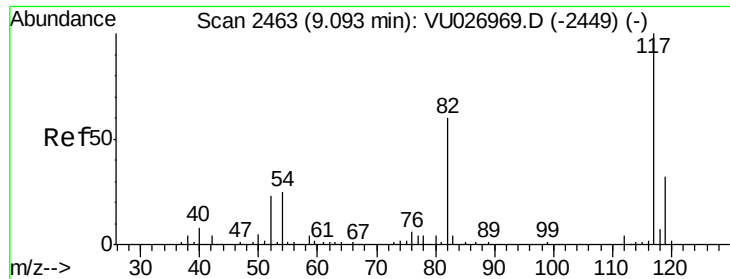
Tgt Ion: 107 Resp: 66569
 Ion Ratio Lower Upper
 107 100
 109 92.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 48.411 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

Tgt Ion: 95 Resp: 56811
 Ion Ratio Lower Upper
 95 100
 174 73.1 0.0 150.2
 176 72.4 0.0 145.2

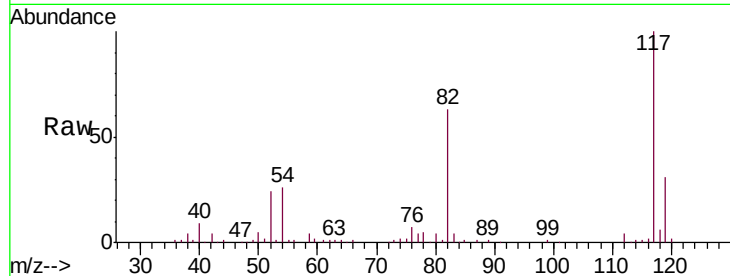




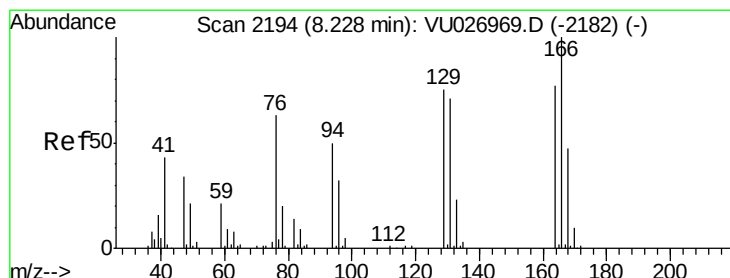
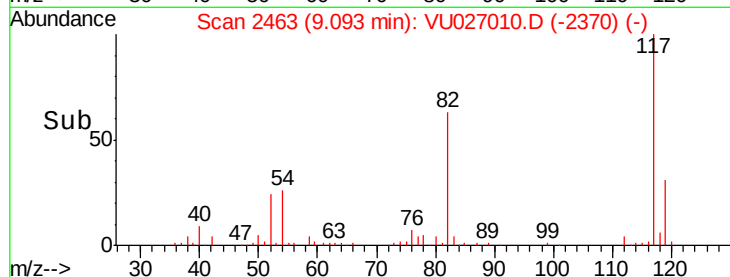
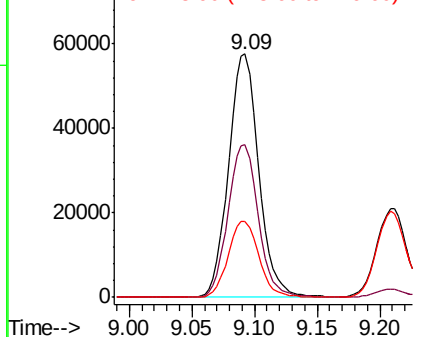
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

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

Tgt Ion:117 Resp: 96359
Ion Ratio Lower Upper
117 100
82 62.6 48.0 72.0
119 31.1 25.8 38.8

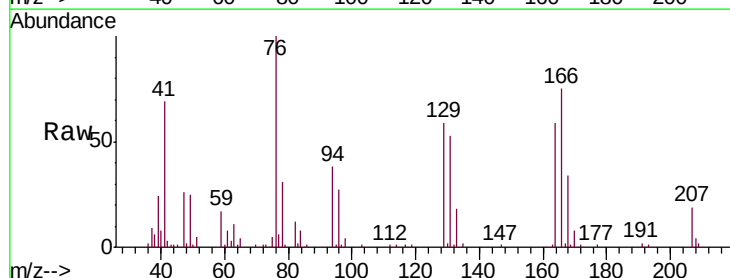


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

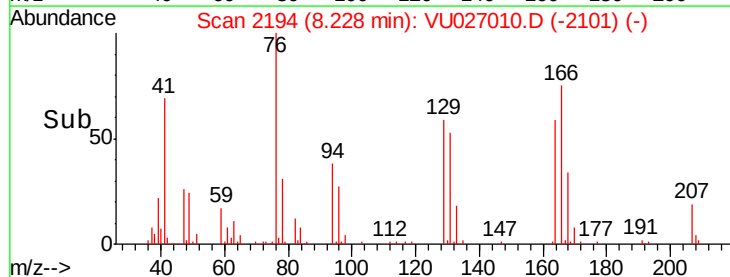
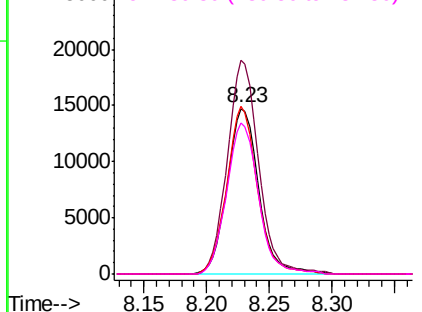


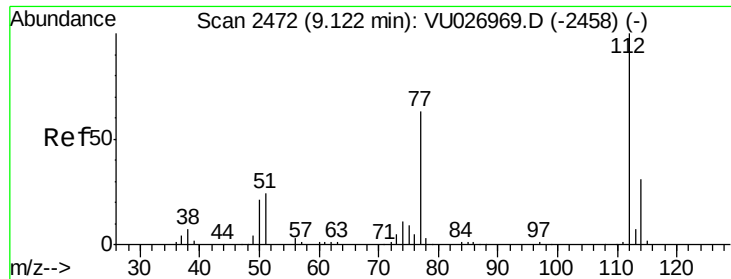
#64
Tetrachloroethene
Concen: 34.609 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

Tgt Ion:164 Resp: 25698
Ion Ratio Lower Upper
164 100
166 129.0 104.4 156.6
129 101.3 78.7 118.1
131 91.0 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

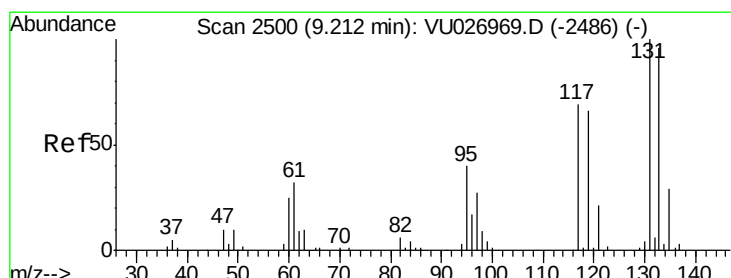
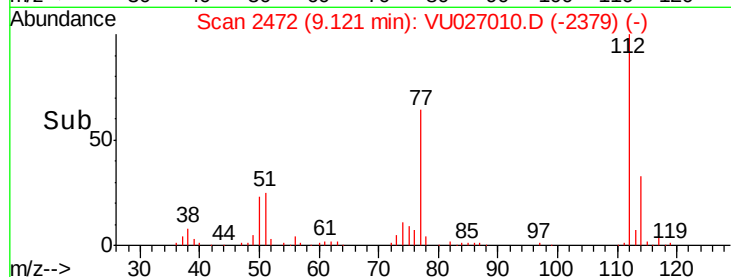
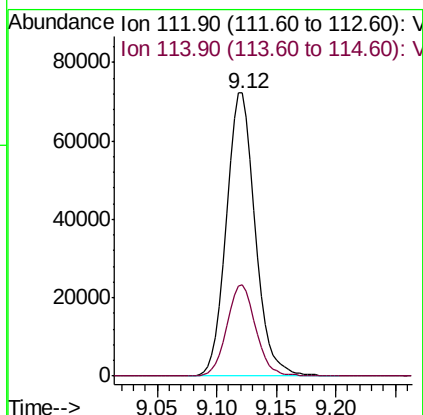
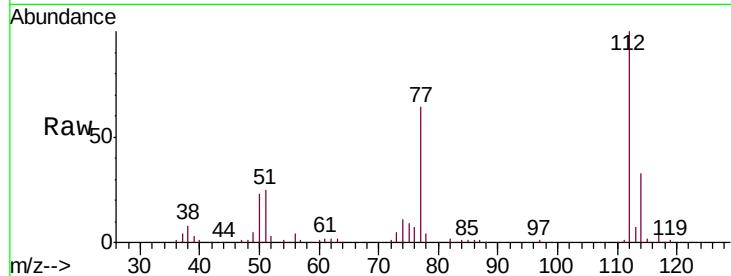




#65
Chlorobenzene
Concen: 47.531 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

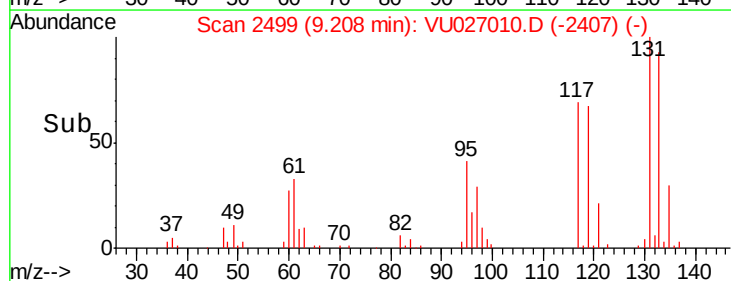
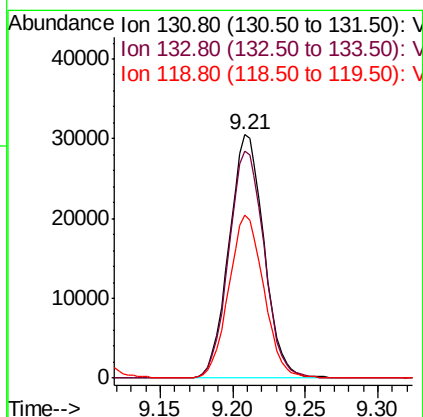
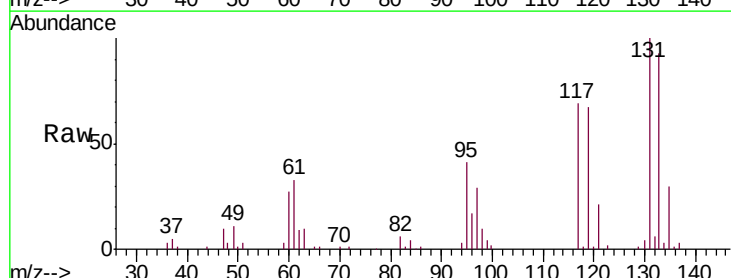
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

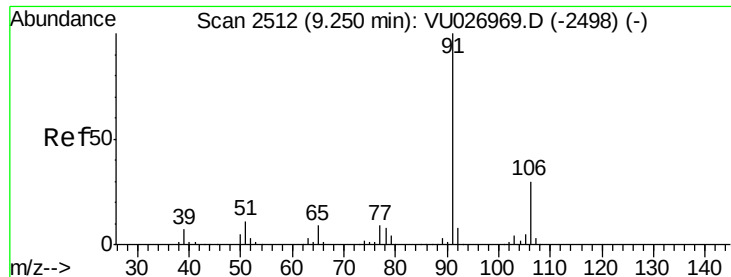
Tgt Ion:112 Resp: 121440
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 57.867 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

Tgt Ion:131 Resp: 50924
Ion Ratio Lower Upper
131 100
133 94.7 48.0 144.2
119 67.1 33.4 100.1





#67

Ethyl Benzene

Concen: 44.121 ug/l

RT: 9.25 min Scan# 2512

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

ClientSampleId :

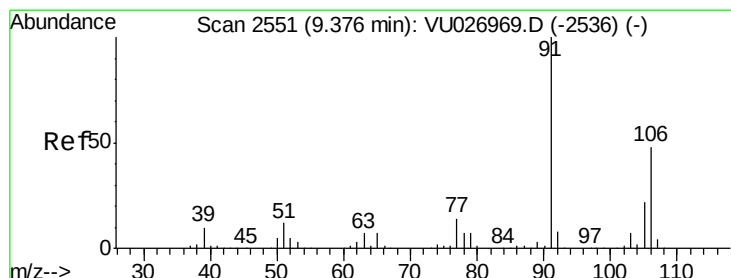
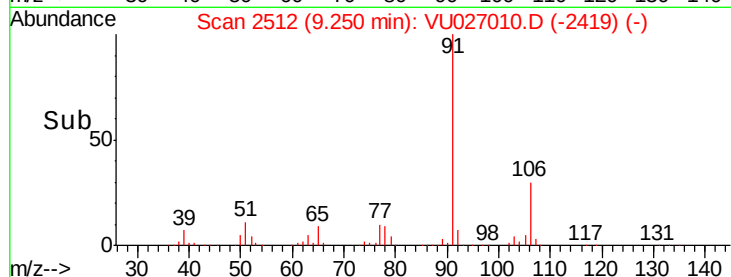
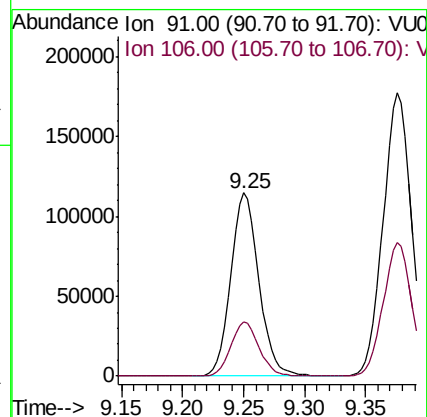
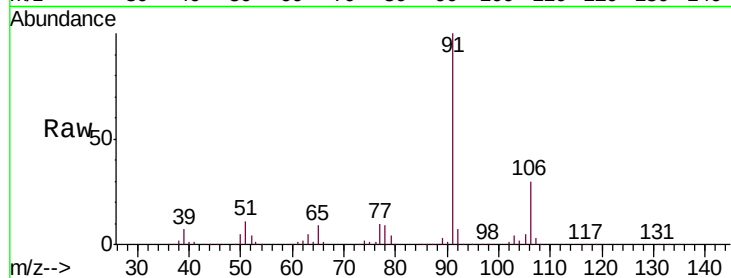
BPSI-TT-MW308D-20180914MSD

Tgt Ion: 91 Resp: 185367

Ion Ratio Lower Upper

91 100

106 29.7 23.8 35.8



#68

m/p-Xylenes

Concen: 80.618 ug/l

RT: 9.38 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VU027010.D

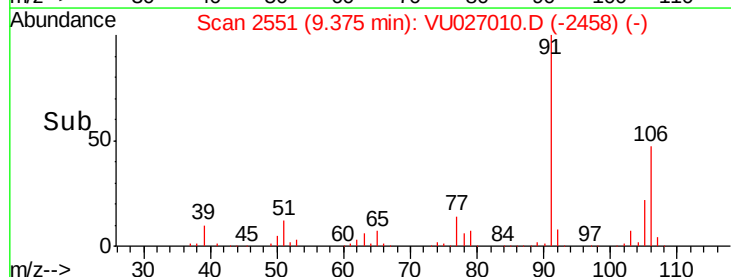
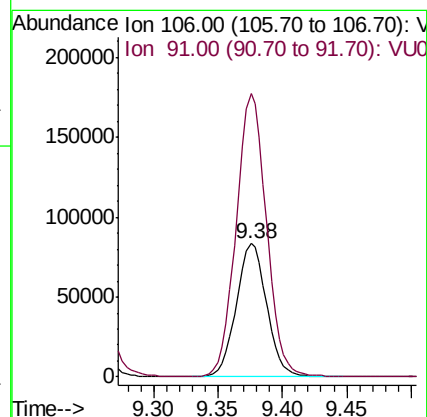
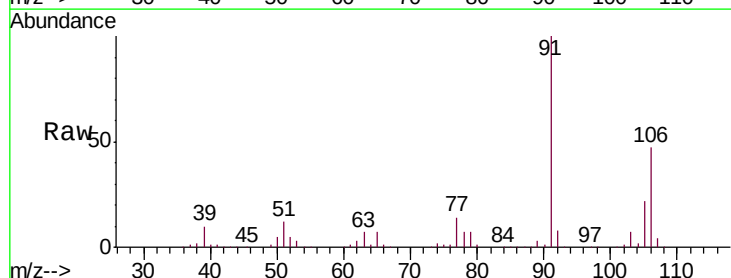
Acq: 22 Sep 2018 10:24

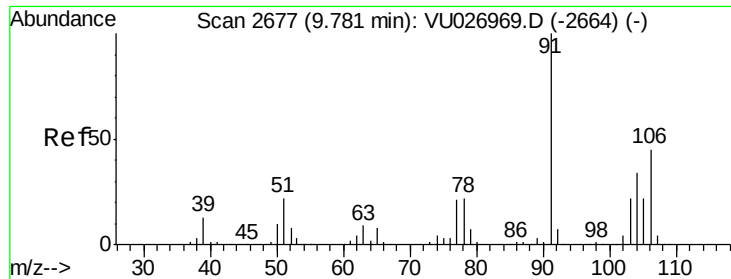
Tgt Ion: 106 Resp: 136669

Ion Ratio Lower Upper

106 100

91 212.5 166.5 249.7

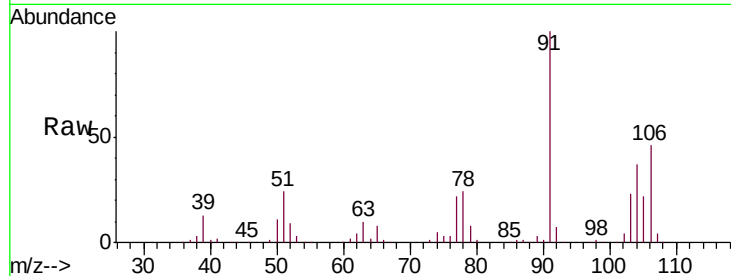




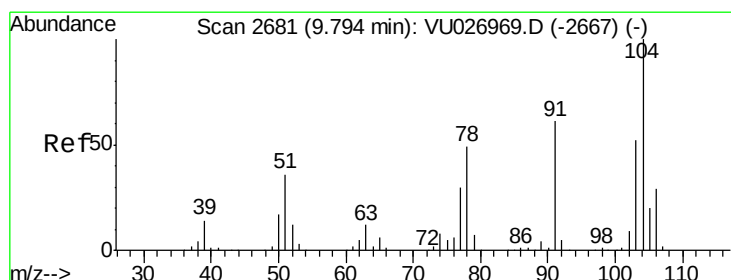
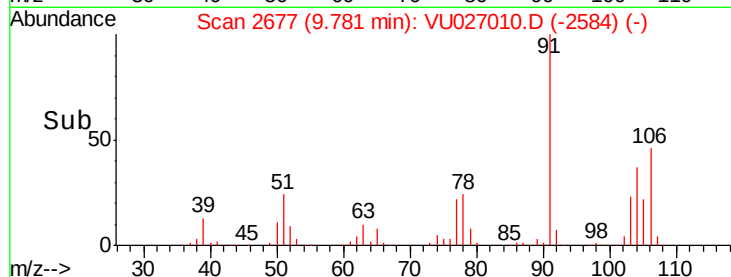
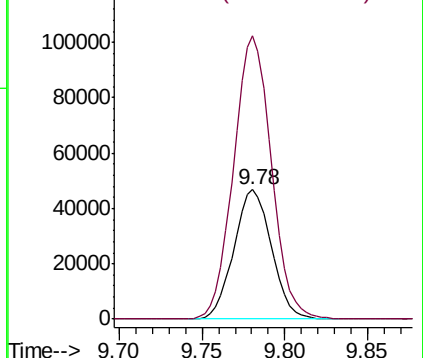
#69
o-Xylene
Concen: 49.650 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

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

Tgt Ion:106 Resp: 73909
Ion Ratio Lower Upper
106 100
91 219.9 110.2 330.6

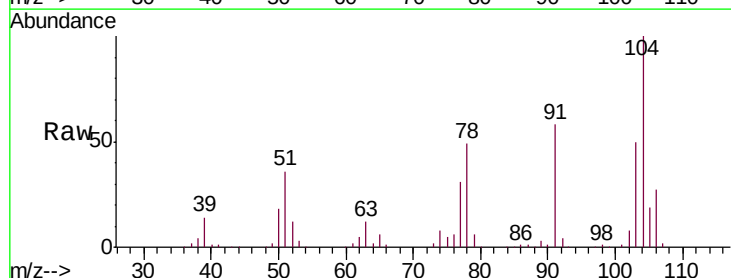


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

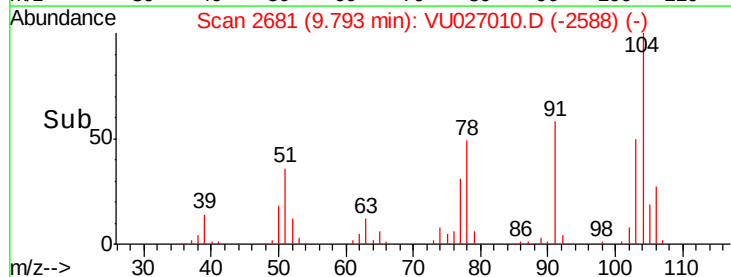
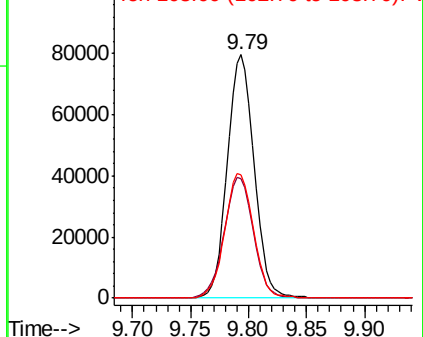


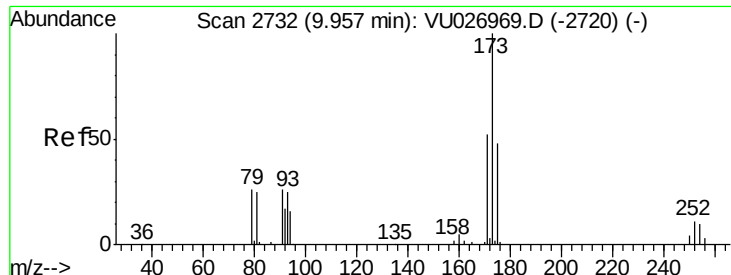
#70
Styrene
Concen: 45.832 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

Tgt Ion:104 Resp: 126952
Ion Ratio Lower Upper
104 100
78 54.2 43.0 64.4
103 55.0 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: 67.114 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MSD

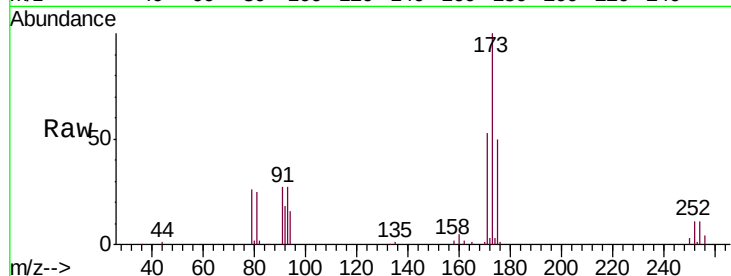
Tgt Ion:173 Resp: 45673

Ion Ratio Lower Upper

173 100

175 49.3 23.9 71.8

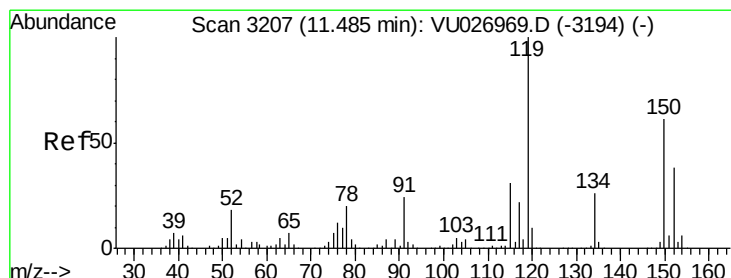
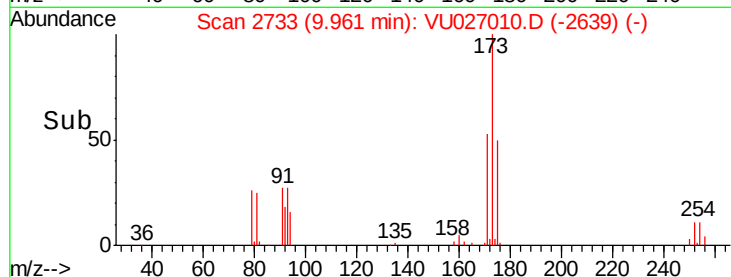
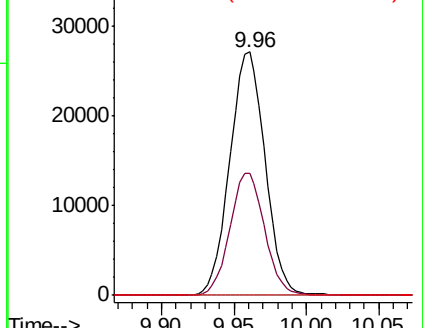
254 0.0 0.0 0.0



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: VU027010.D

Acq: 22 Sep 2018 10:24

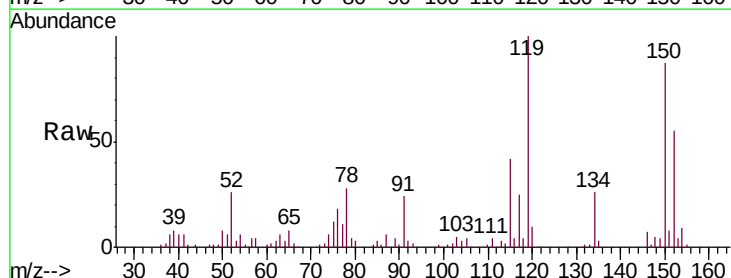
Tgt Ion:152 Resp: 49193

Ion Ratio Lower Upper

152 100

115 82.0 44.9 134.5

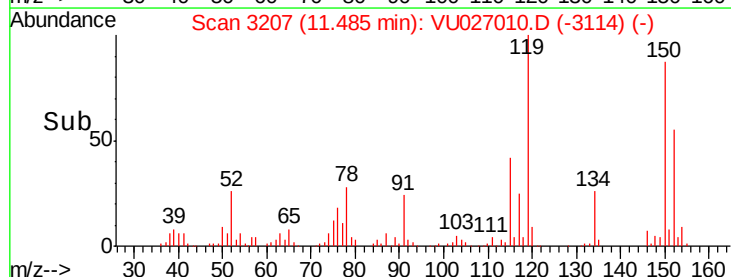
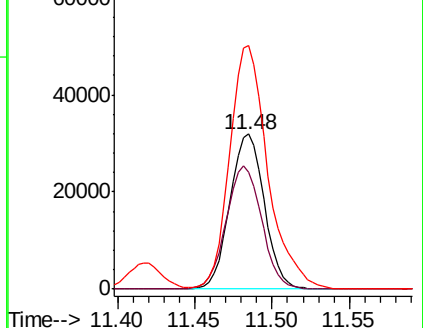
150 174.0 0.0 355.8

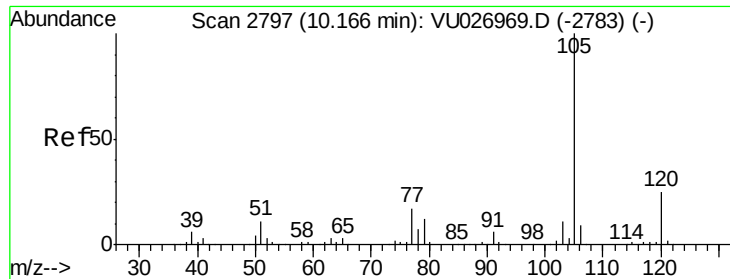


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 42.836 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

ClientSampleId :

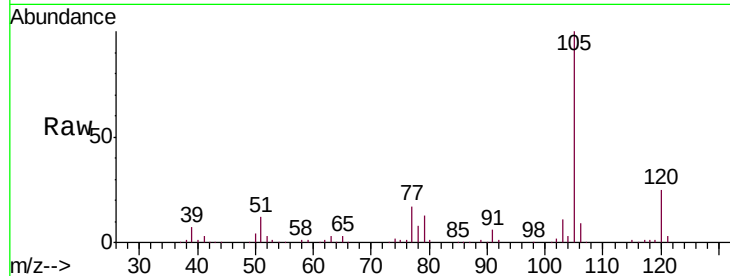
BPSI-TT-MW308D-20180914MSD

Tgt Ion:105 Resp: 160294

Ion Ratio Lower Upper

105 100

120 25.9 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

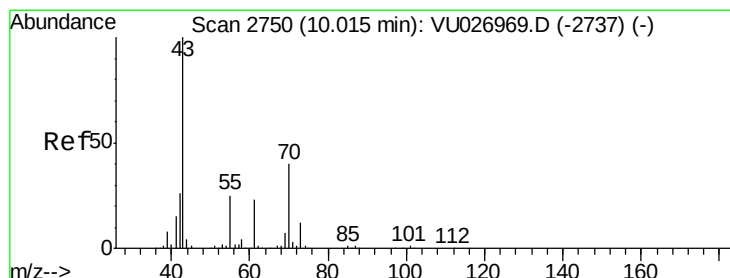
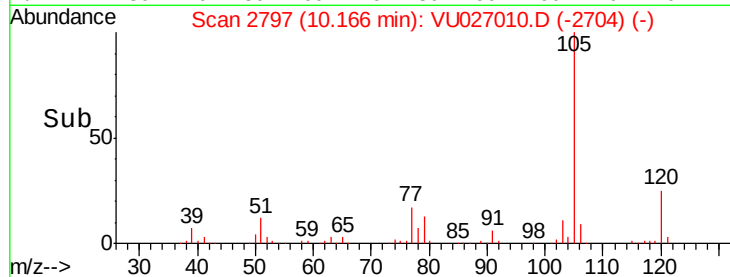
40000

20000

0

10.10 10.15 10.20 10.25

Time-->



#74

N-ethyl acetate

Concen: 54.090 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Tgt Ion: 43 Resp: 117163

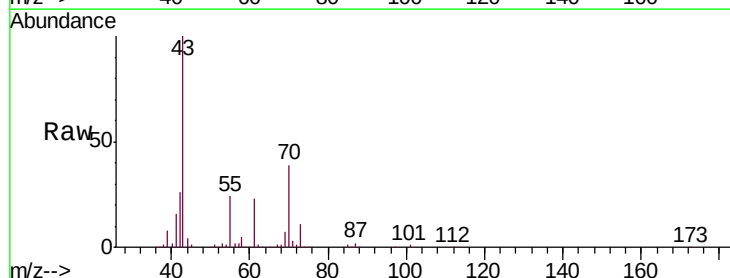
Ion Ratio Lower Upper

43 100

70 38.8 31.8 47.8

55 24.4 19.9 29.9

61 22.5 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

120000

100000

80000

60000

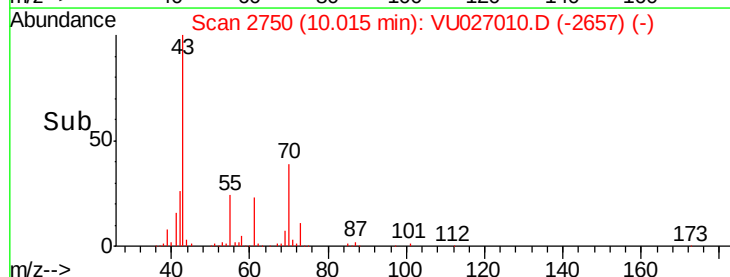
40000

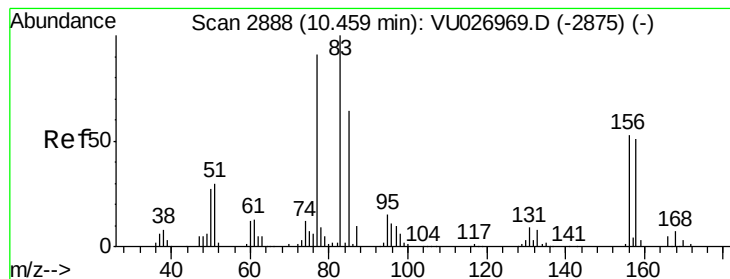
20000

0

10.00 10.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 68.250 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MSD

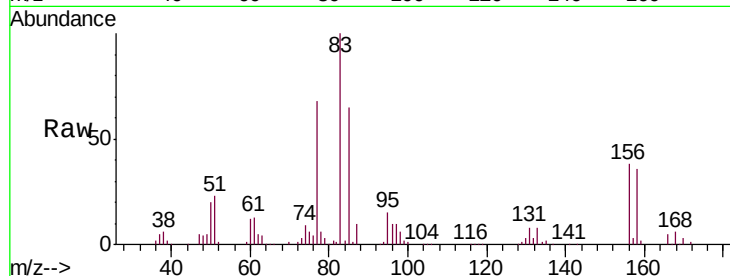
Tgt Ion: 83 Resp: 117424

Ion Ratio Lower Upper

83 100

131 8.3 4.3 12.8

85 64.7 31.9 95.7



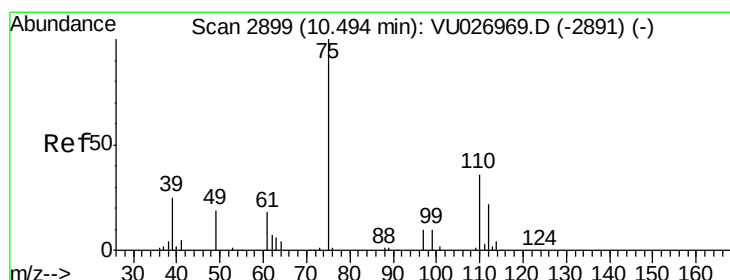
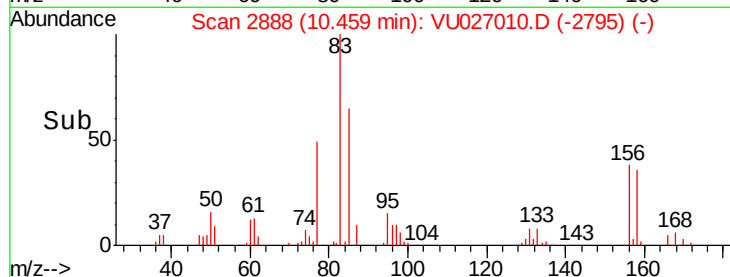
Abundance Ion 82.90 (82.60 to 83.60): VU026969.D (-2875) (-)

Ion 130.80 (130.50 to 131.50): VU026969.D (-2875) (-)

Ion 84.90 (84.60 to 85.60): VU026969.D (-2875) (-)

10.46

Time-->



#76

1,2,3-Trichloropropane

Concen: 86.425 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VU027010.D

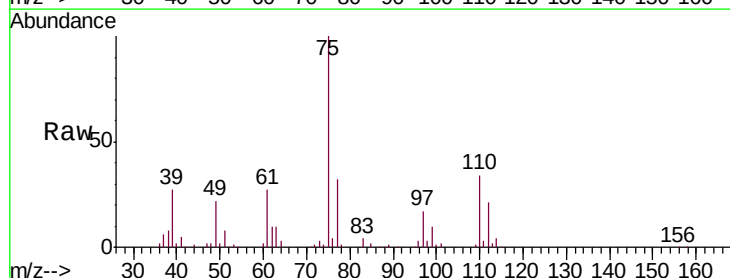
Acq: 22 Sep 2018 10:24

Tgt Ion: 75 Resp: 129159

Ion Ratio Lower Upper

75 100

77 30.8 20.9 62.8

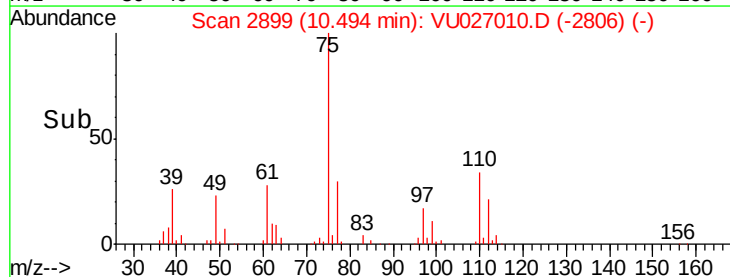


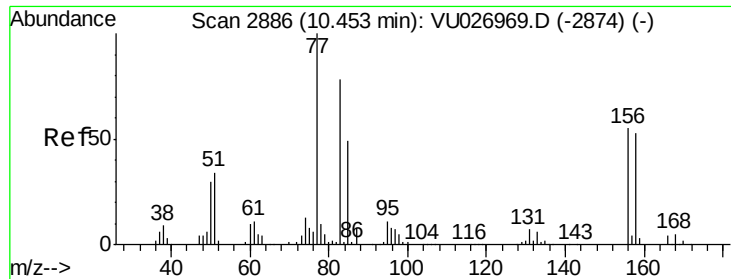
Abundance Ion 74.90 (74.60 to 75.60): VU026969.D (-2891) (-)

Ion 77.00 (76.70 to 77.70): VU026969.D (-2891) (-)

10.49

Time-->





#77

Bromobenzene

Concen: 55.528 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW308D-20180914MSD

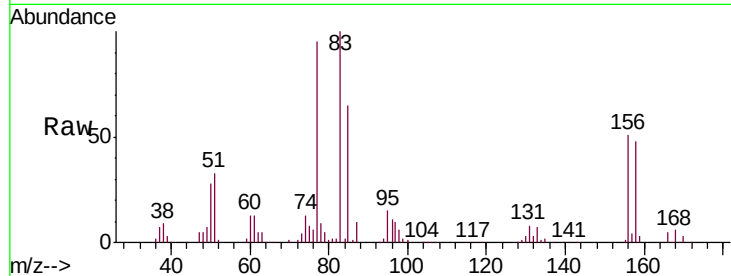
Tgt Ion:156 Resp: 50777

Ion Ratio Lower Upper

156 100

77 193.0 92.3 276.9

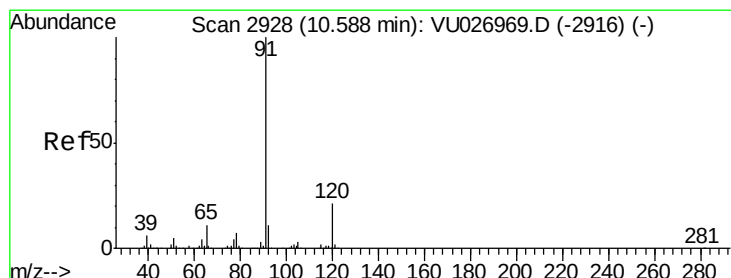
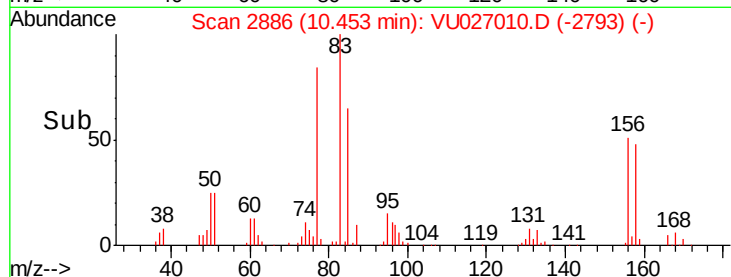
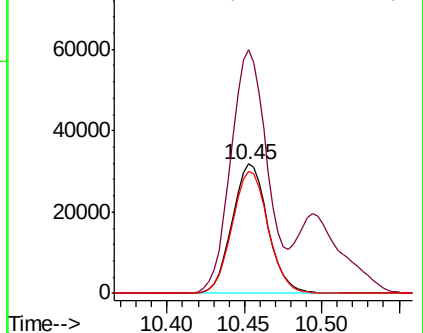
158 95.7 48.1 144.3



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: 41.568 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027010.D

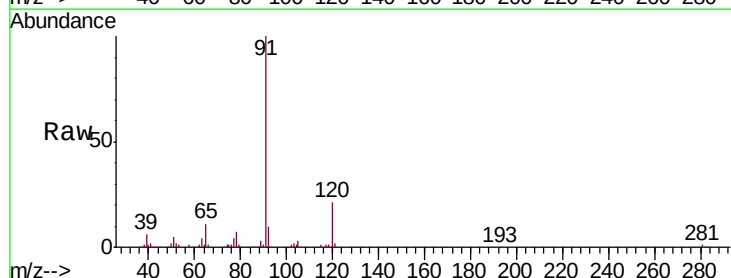
Acq: 22 Sep 2018 10:24

Tgt Ion: 91 Resp: 184050

Ion Ratio Lower Upper

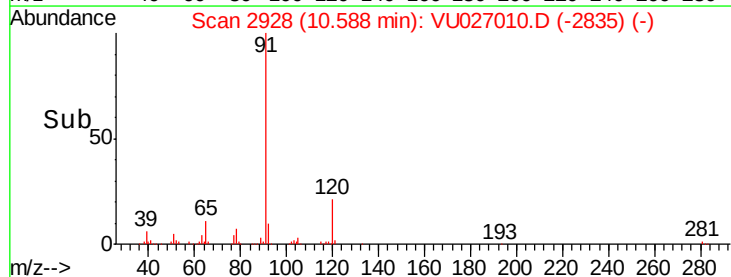
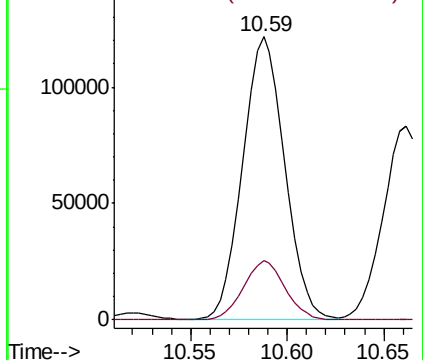
91 100

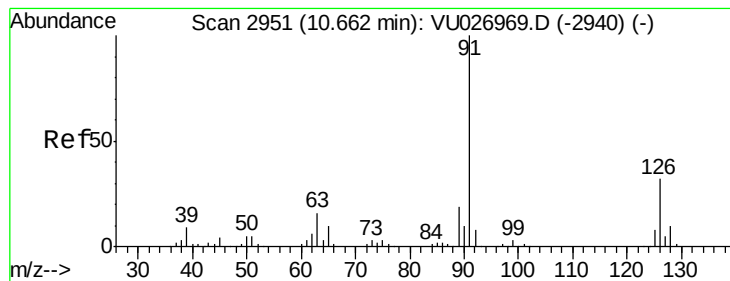
120 20.7 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.596 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. -0.00 min

Lab File: VU027010.D

Acq: 22 Sep 2018 10:24

Instrument :

MSVOA_U

ClientSampleId :

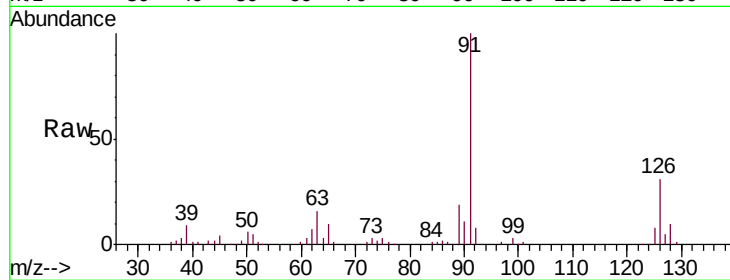
BPSI-TT-MW308D-20180914MSD

Tgt Ion: 91 Resp: 132372

Ion Ratio Lower Upper

91 100

126 30.7 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) (-)

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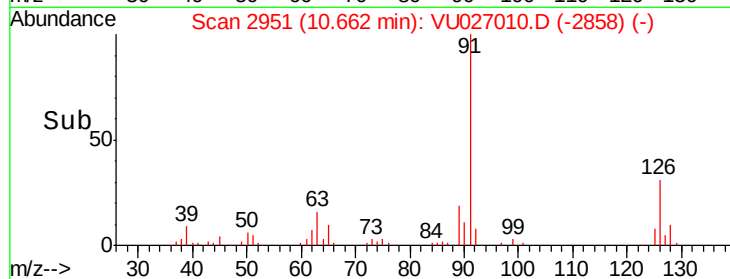
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Abundance Ion 91.00 (90.70 to 91.70): VU027010.D (-2858) (-)

Ion 125.90 (125.60 to 126.60): VU027010.D (-2858) (-)

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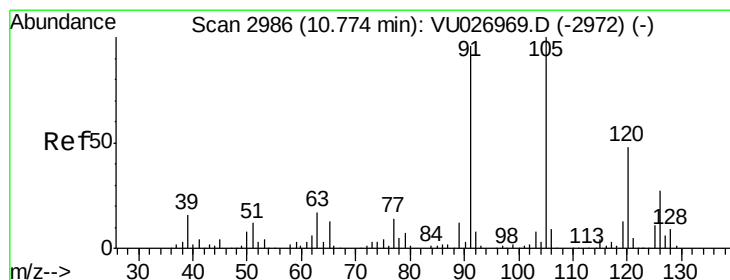
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#80

1,3,5-Trimethylbenzene

Concen: 47.046 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU027010.D

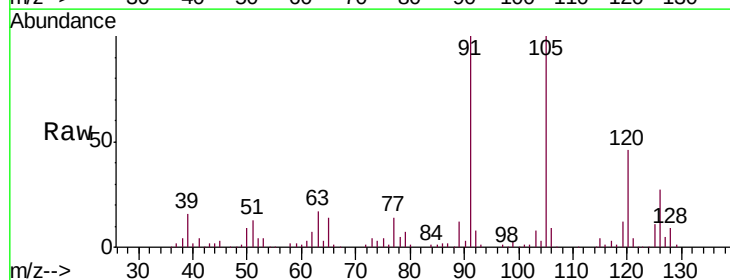
Acq: 22 Sep 2018 10:24

Tgt Ion: 105 Resp: 145323

Ion Ratio Lower Upper

105 100

120 47.2 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) (-)

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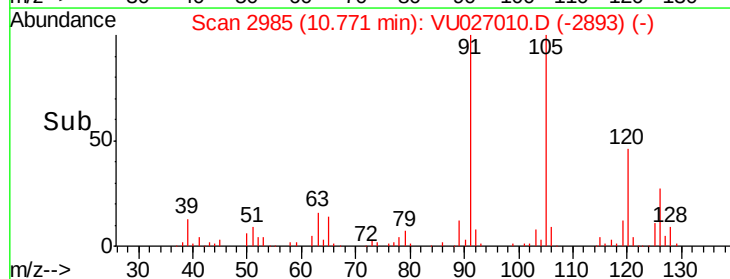
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Abundance Ion 105.00 (104.70 to 105.70): VU027010.D (-2893) (-)

Ion 120.00 (119.70 to 120.70): VU027010.D (-2893) (-)

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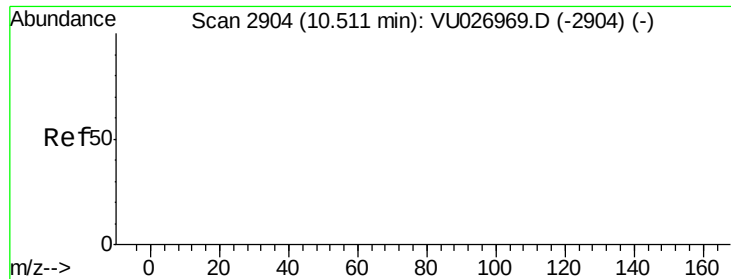
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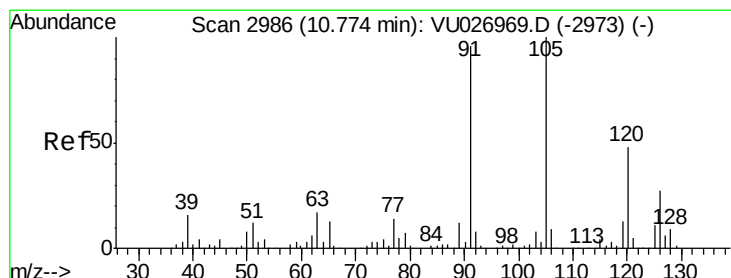
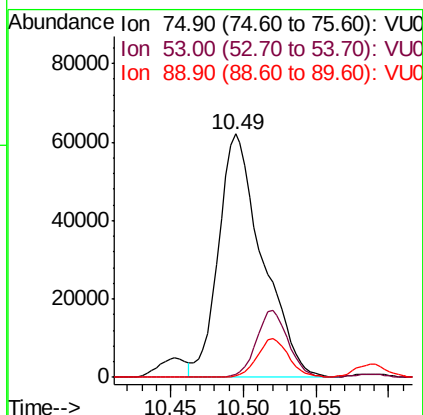
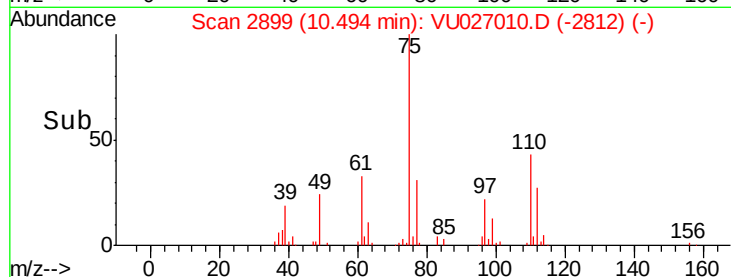
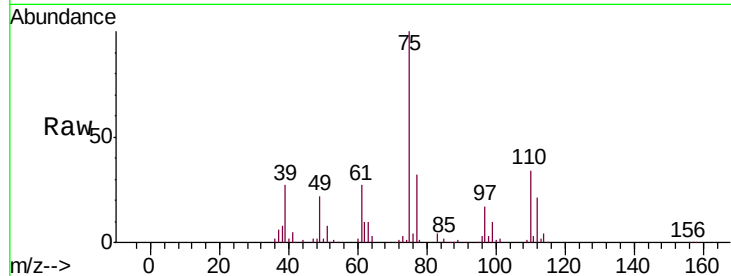
10.77



#81
trans-1,4-Dichloro-2-butene
Concen: 276.574 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

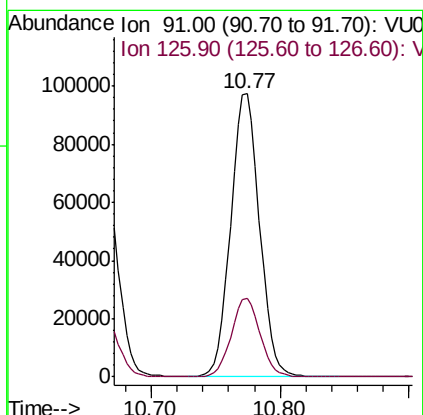
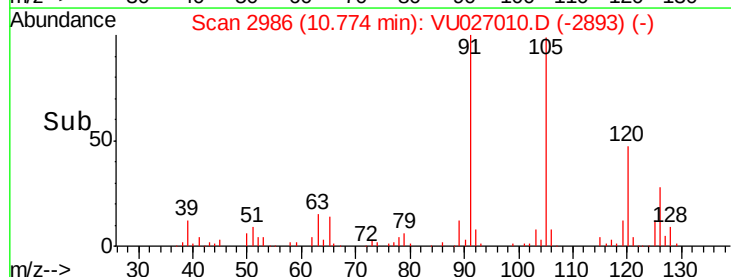
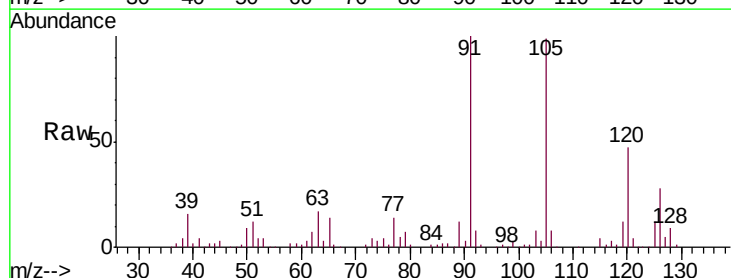
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

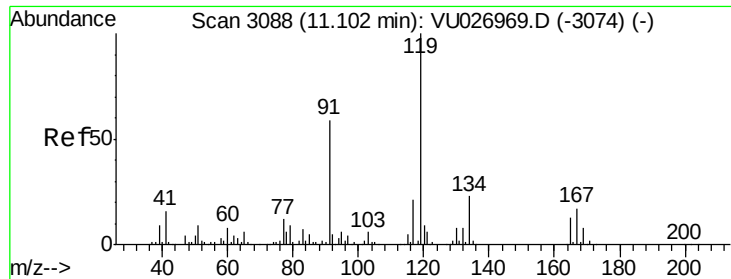
Tgt Ion: 75 Resp: 129159
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 48.142 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

Tgt Ion: 91 Resp: 150129
Ion Ratio Lower Upper
91 100
126 28.1 14.1 42.2

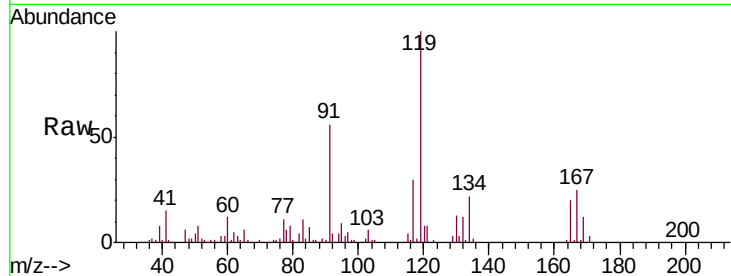




#83
 tert-Butylbenzene
 Concen: 44.510 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

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

Tgt Ion	Ratio	Lower	Upper
119	100		
91	54.9	29.8	89.4
134	22.4	11.5	34.4

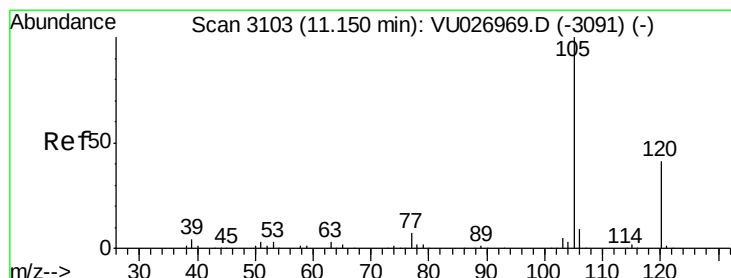
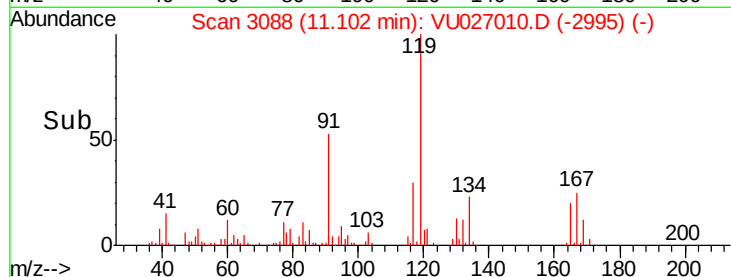
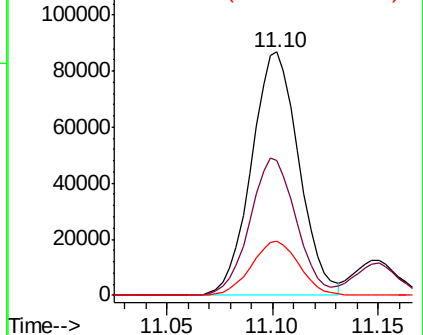


Abundance

Ion 119.00 (118.70 to 119.70): V

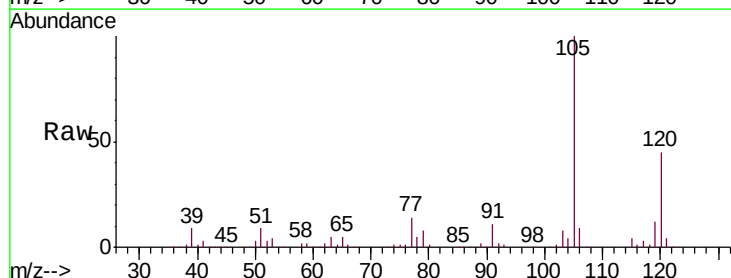
Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84
 1,2,4-Trimethylbenzene
 Concen: 48.694 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

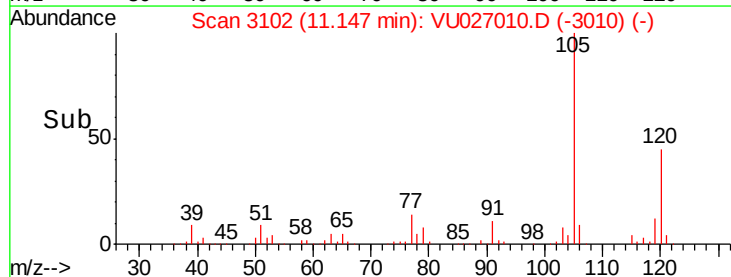
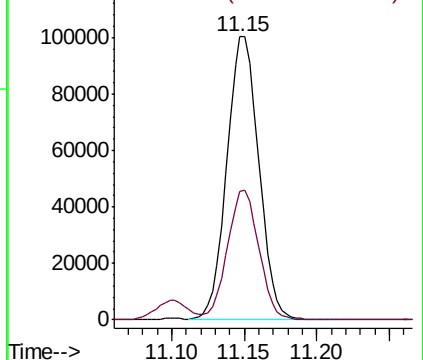
Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.4	67.2

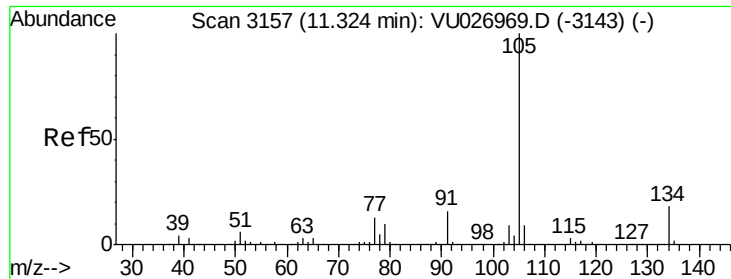


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

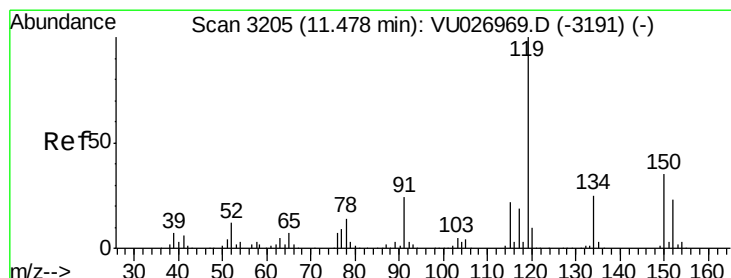
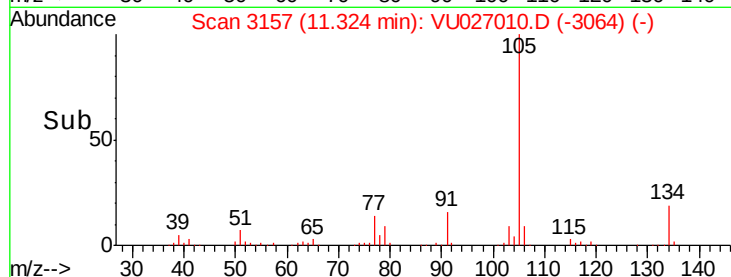
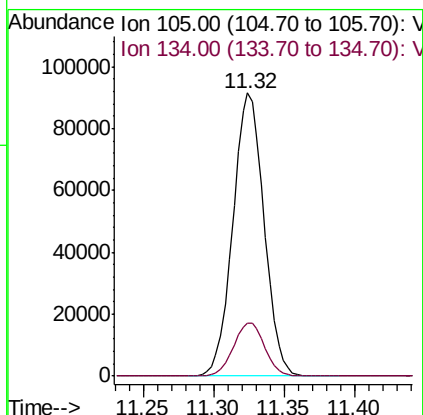
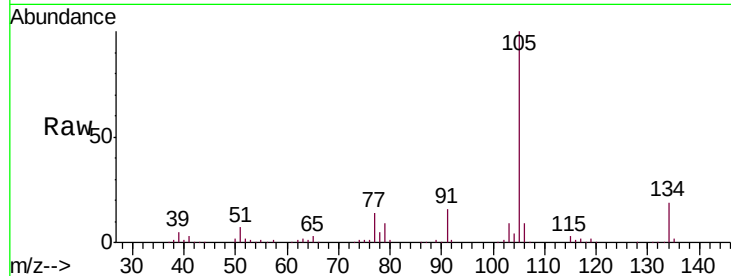




#85
 sec-Butylbenzene
 Concen: 37.894 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

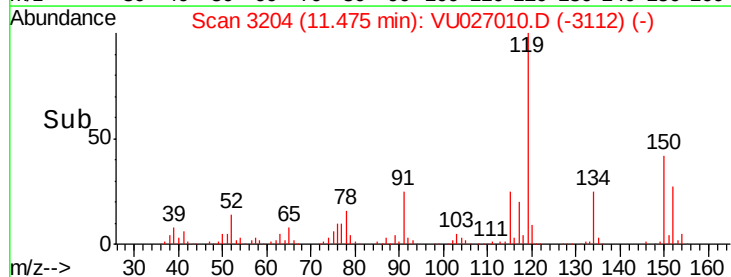
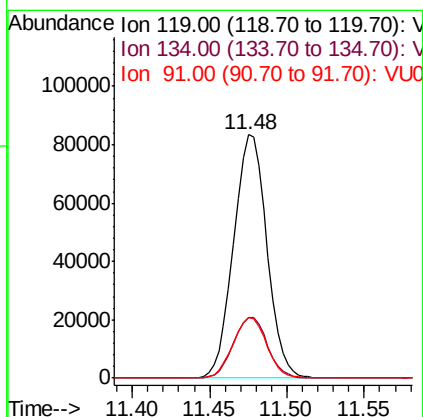
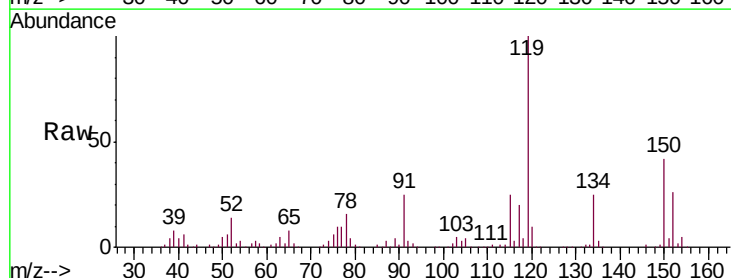
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MSD

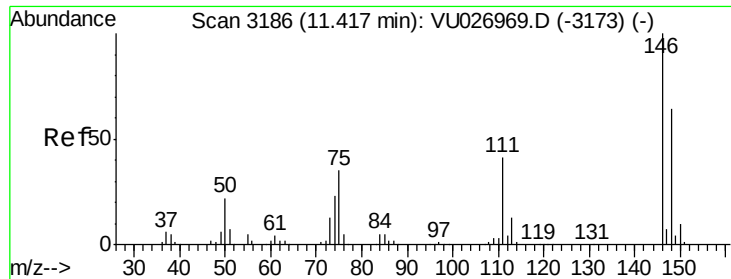
Tgt Ion:105 Resp: 141268
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 35.919 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

Tgt Ion:119 Resp: 124717
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.3
 91 25.1 12.3 36.8

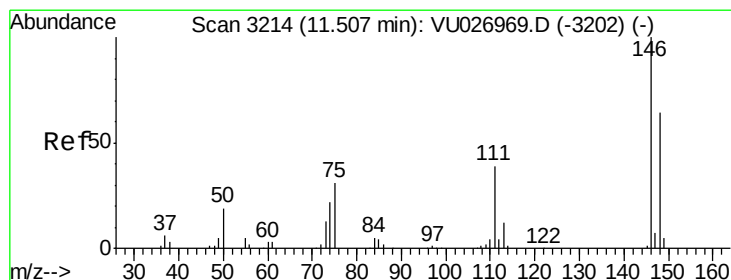
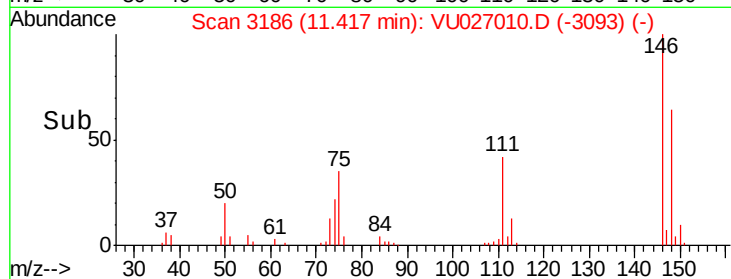
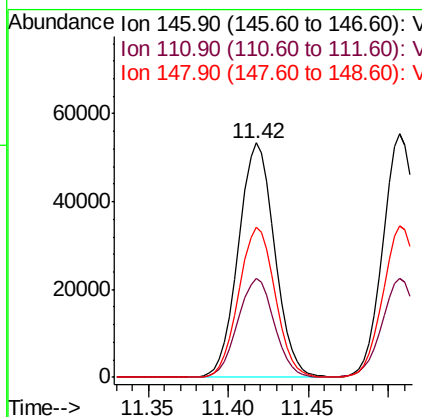
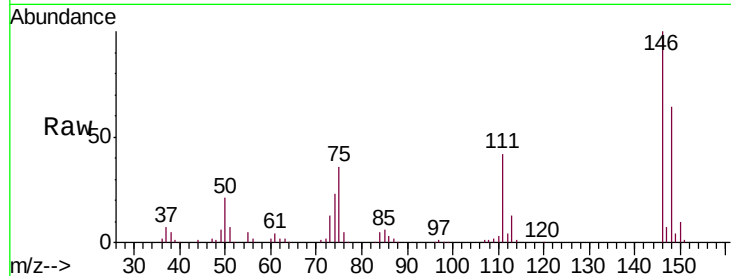




#87
 1,3-Dichlorobenzene
 Concen: 48.448 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

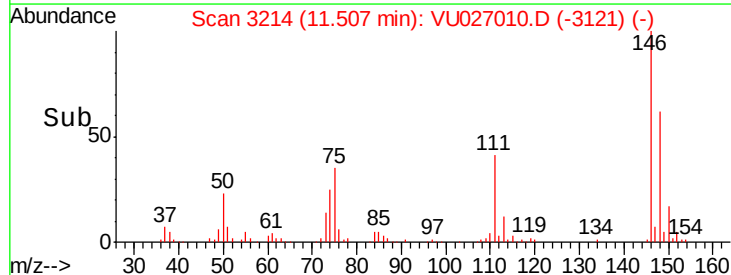
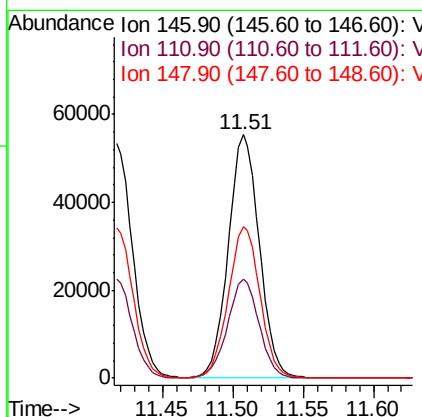
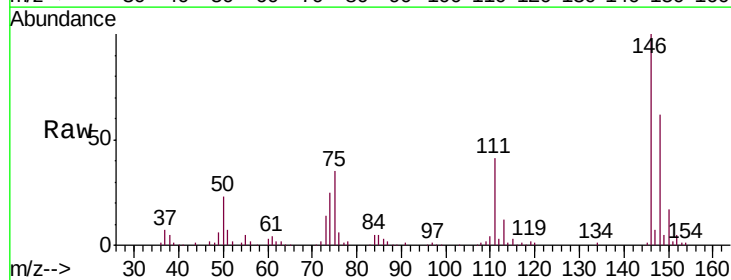
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MSD

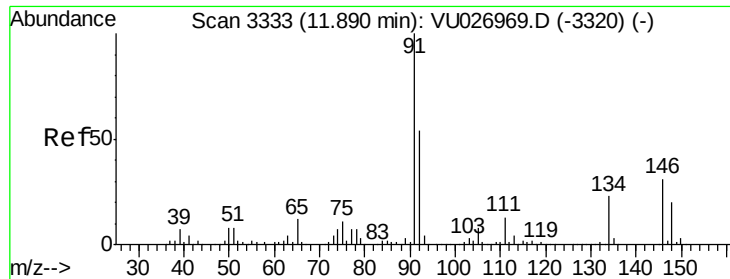
Tgt Ion:146 Resp: 82443
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.8 62.2
 148 64.3 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 46.079 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

Tgt Ion:146 Resp: 85458
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.3 60.9
 148 63.5 31.9 95.9

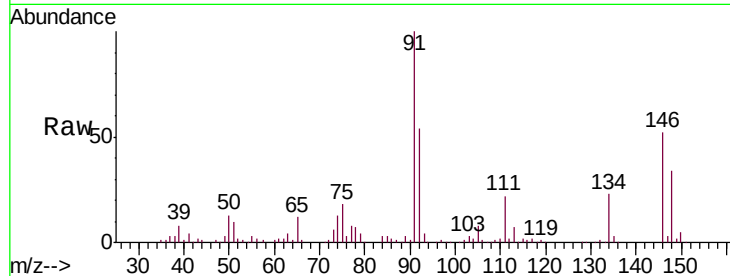




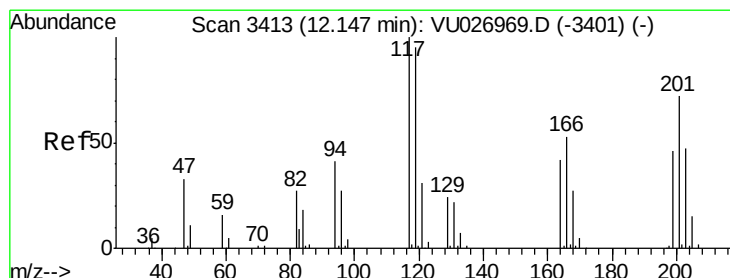
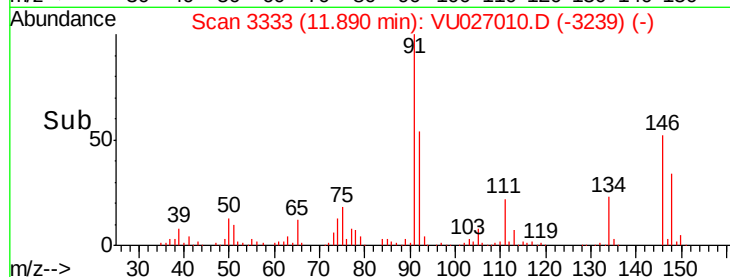
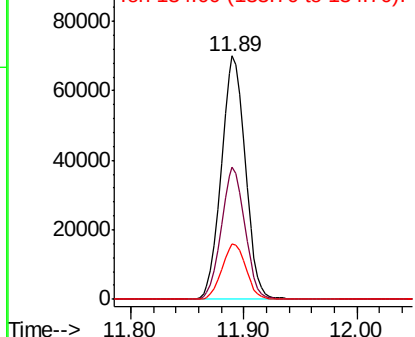
#89
n-Butylbenzene
Concen: 31.492 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

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

Tgt Ion: 91 Resp: 103634
Ion Ratio Lower Upper
91 100
92 53.1 27.1 81.2
134 22.8 11.7 35.0

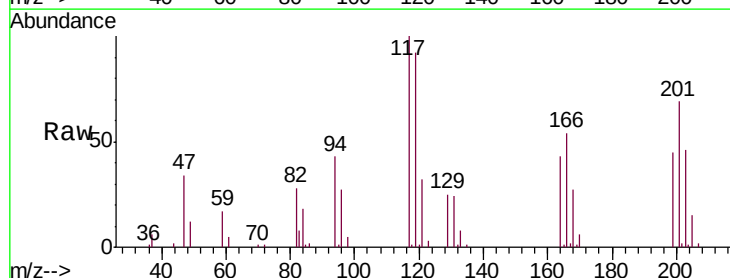


Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-3320) (-)
Ion 92.00 (91.70 to 92.70): VU026969.D (-3320) (-)
Ion 134.00 (133.70 to 134.70): VU026969.D (-3320) (-)

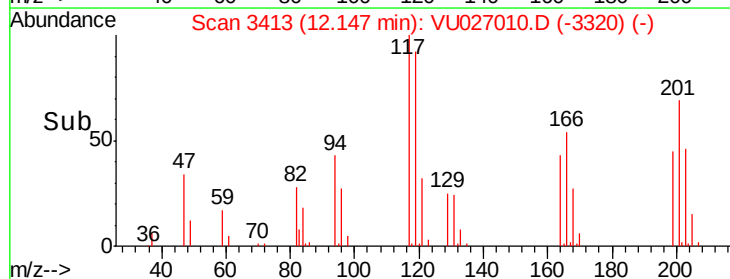
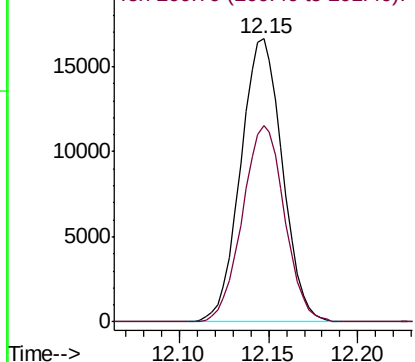


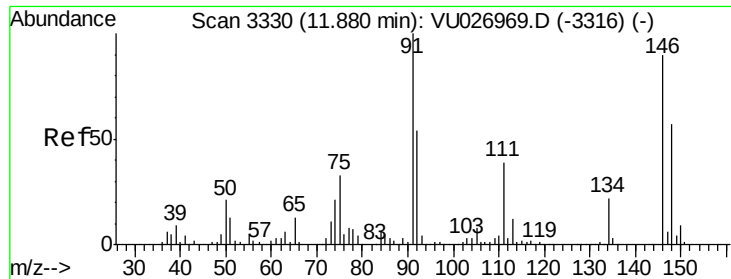
#90
Hexachloroethane
Concen: 39.996 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

Tgt Ion: 117 Resp: 27114
Ion Ratio Lower Upper
117 100
201 70.0 36.8 110.3



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

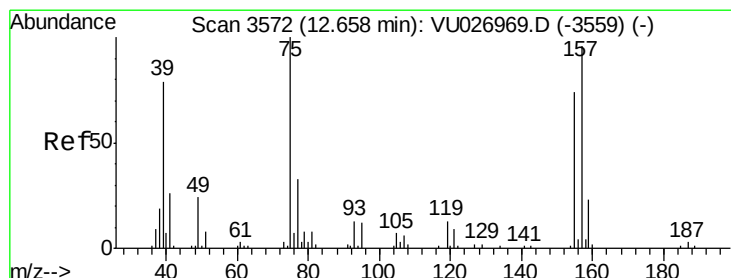
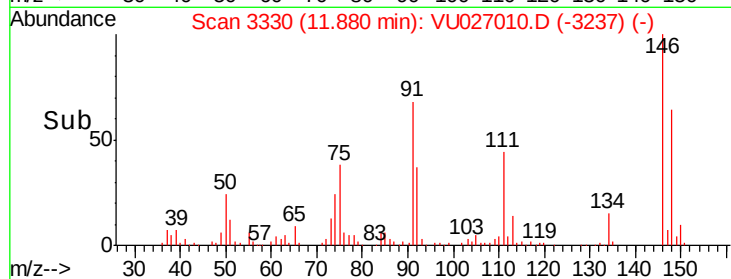
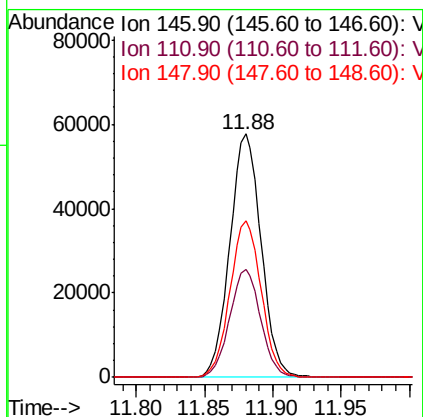
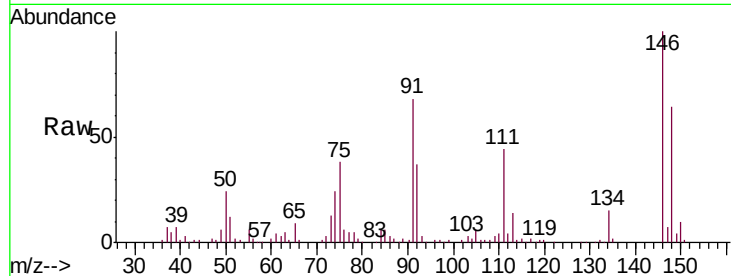




#91
 1,2-Dichlorobenzene
 Concen: 50.877 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

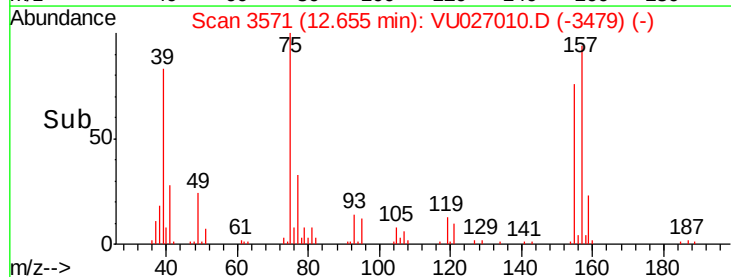
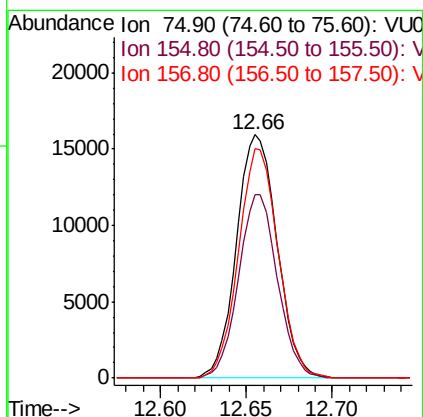
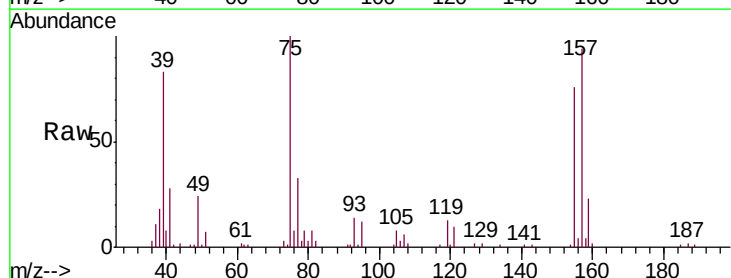
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MSD

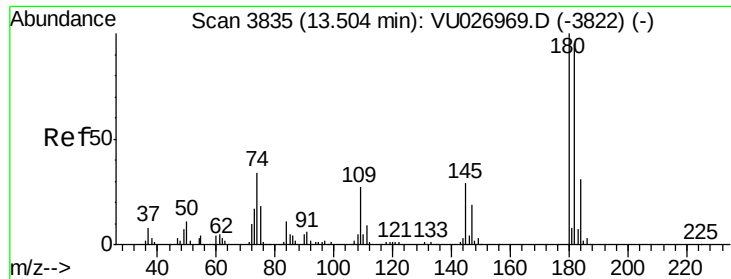
Tgt Ion:146 Resp: 91964
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.8 65.3
 148 64.0 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 74.735 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

Tgt Ion: 75 Resp: 26231
 Ion Ratio Lower Upper
 75 100
 155 72.0 36.6 109.8
 157 92.0 47.4 142.2

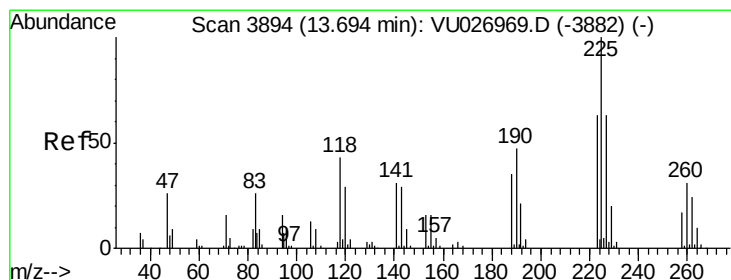
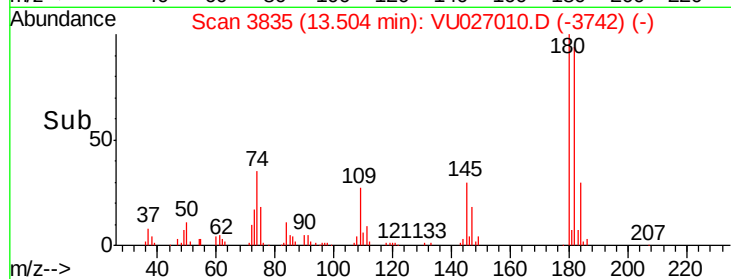
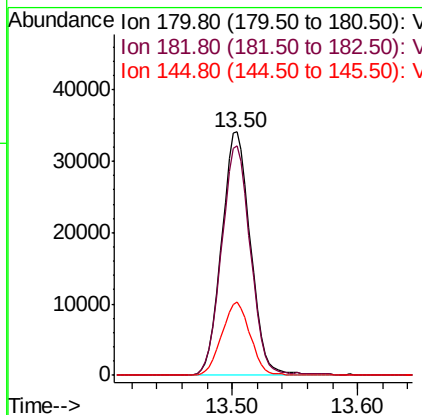
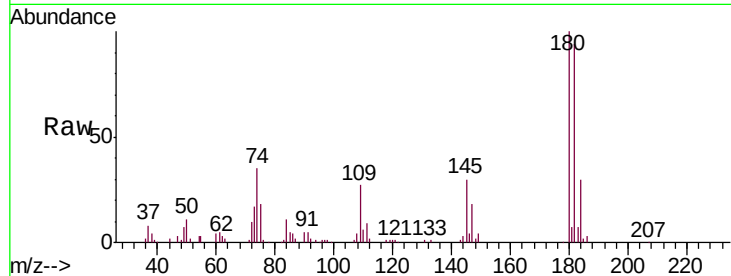




#93
 1,2,4-Trichlorobenzene
 Concen: 52.504 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

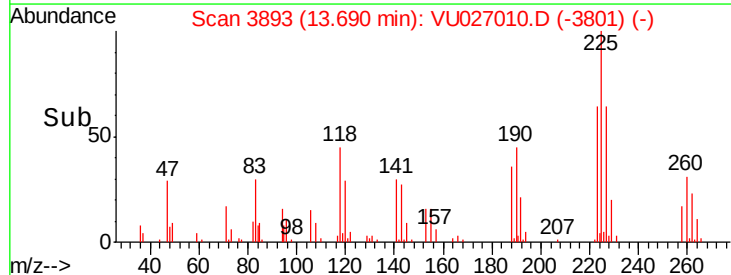
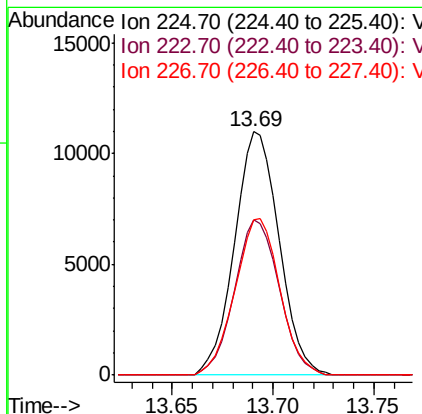
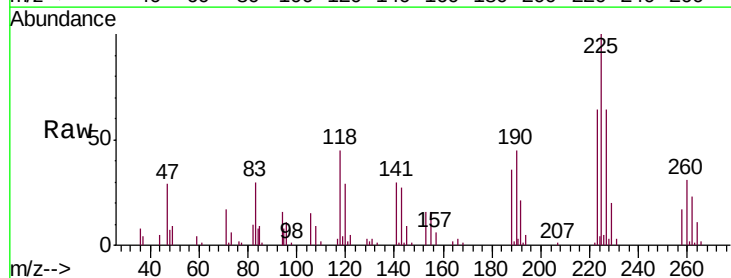
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW308D-20180914MSD

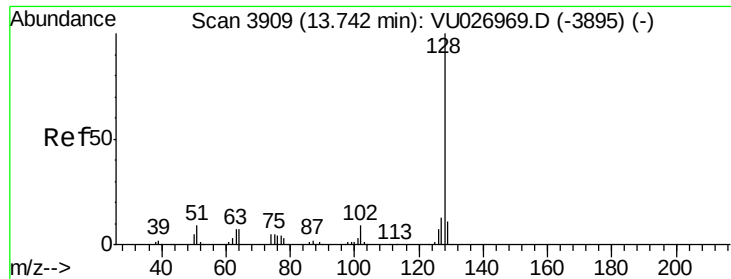
Tgt Ion:180 Resp: 54691
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.4 142.2
 145 29.6 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 30.864 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU027010.D
 Acq: 22 Sep 2018 10:24

Tgt Ion:225 Resp: 17011
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.9 95.7
 227 64.7 32.1 96.5

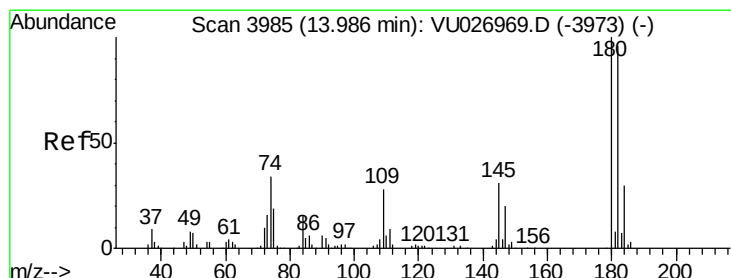
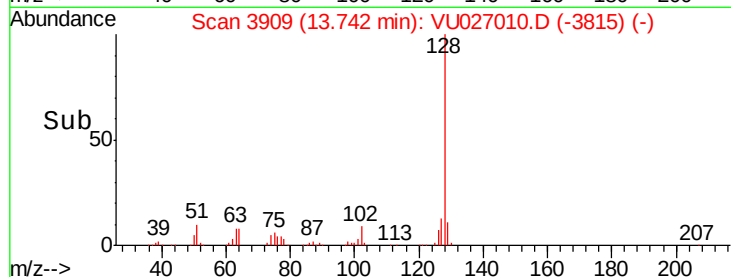
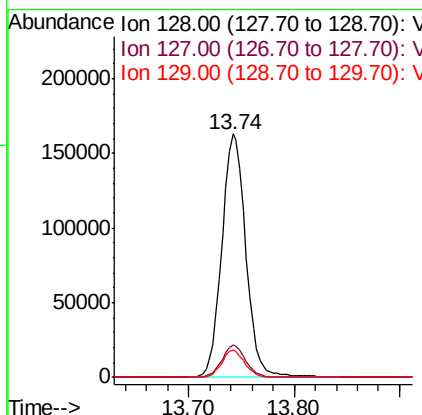
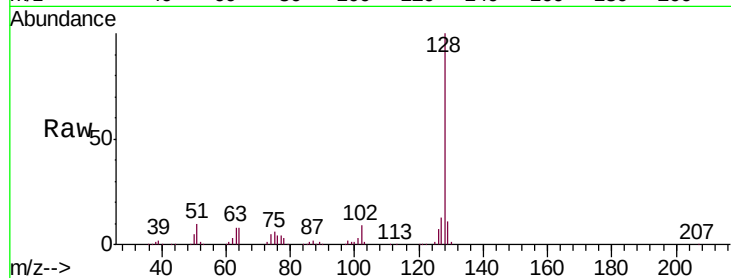




#95
Naphthalene
Concen: 62.637 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

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

Tgt Ion:128 Resp: 256901
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.5 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 58.199 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. -0.00 min
Lab File: VU027010.D
Acq: 22 Sep 2018 10:24

Tgt Ion:180 Resp: 65012
Ion Ratio Lower Upper
180 100
182 93.8 47.5 142.5
145 31.3 15.4 46.4

