

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U100318\
 Data File : VU027345.D
 Acq On : 02 Oct 2018 16:07
 Operator : MD/SY
 Sample : VSTDIC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VSTDIC002

Quant Time: Oct 03 02:10:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U100318DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 03 02:08:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	20960	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	7664	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	6697	0.91	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	14356	2.479 ug/l	100
3) Chloromethane	1.33	50	16887	2.346 ug/l	96
4) Vinyl Chloride	1.40	62	16675	2.428 ug/l	99
5) Bromomethane	1.63	94	7271	1.573 ug/l	93
6) Chloroethane	1.70	64	12354	3.156 ug/l	93
7) Trichlorofluoromethane	1.89	101	19765	2.410 ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	11387	2.381 ug/l	100
9) 1,1-Dichloroethene	2.29	96	9424	2.101 ug/l	96
10) Iodomethane	2.41	142	10224	2.707 ug/l	99
11) Allyl Chloride	2.59	41	24836	2.897 ug/l	99
12) Acrylonitrile	2.95	53	6693	5.727 ug/l	97
13) Acetone	2.33	43	15004	14.147 ug/l	95
14) Carbon Disulfide	2.48	76	29440	2.260 ug/l	99
15) Methylene Chloride	2.70	84	12515	2.297 ug/l	99
16) trans-1,2-Dichloroethene	2.98	96	11566	2.409 ug/l	96
17) 1,1-Dichloroethane	3.45	63	27720	2.716 ug/l	99
18) 2-Butanone	4.29	43	24111	14.011 ug/l	99
19) Cyclohexane	4.99	56	21159	2.494 ug/l	98
20) Methylcyclohexane	6.41	83	16772	1.827 ug/l	95
21) 2,2-Dichloropropane	4.23	77	23054	2.982 ug/l	98
22) cis-1,2-Dichloroethene	4.23	96	13819	2.316 ug/l	97
23) Diethyl Ether	2.11	59	10326	2.617 ug/l	94
24) tert-Butyl Alcohol	2.85	59	11406	23.990 ug/l	100
25) Methyl tert-Butyl Ether	3.01	73	31557	2.550 ug/l	99
26) Bromochloromethane	4.55	128	5103	2.022 ug/l	96
27) Chloroform	4.67	83	24715	2.369 ug/l	94
28) 1,1,1-Trichloroethane	4.91	97	19380	2.373 ug/l	98
29) 1,1-Dichloropropene	5.13	75	18304	2.302 ug/l	96
30) Carbon Tetrachloride	5.13	117	16479	2.428 ug/l	98
31) Isopropyl Ether	3.58	45	50309	2.771 ug/l	97
32) Ethyl-t-butyl ether	4.09	59	39933	2.596 ug/l	97
33) Tert-Amyl methyl ether	5.59	73	32251	2.565 ug/l	99
34) Propionitrile	4.35	54	6511	13.212 ug/l #	93
35) Benzene	5.39	78	51448	2.229 ug/l	99
36) 1,2-Dichloroethane	5.41	62	17394	2.614 ug/l	98
37) Trichloroethene	6.18	130	11815	1.937 ug/l	95
38) 1,2-Dichloropropane	6.44	63	15513	2.525 ug/l	99
39) Methacrylonitrile	4.56	41	6965	3.183 ug/l	98
40) Methyl acrylate	4.44	55	8558	2.758 ug/l #	97
41) Tetrahydrofuran	4.67	42	6498	5.422 ug/l	99
42) 1-Chlorobutane	5.06	56	28527	2.450 ug/l	94

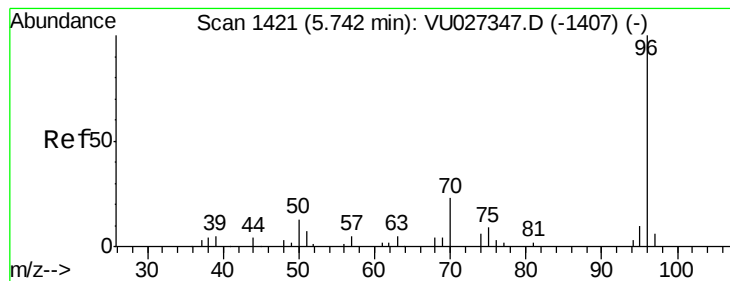
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U100318\
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Quant Time: Oct 03 02:10:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U100318DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 03 02:08:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	6465	2.345	ug/l	98
44) Bromodichloromethane	6.76	83	17722	2.639	ug/l	100
45) 4-Methyl-2-Pentanone	7.48	43	46568	11.792	ug/l	99
46) t-1,4-Dichloro-2-butene	10.50	75	14834	14.269	ug/l #	47
47) Methyl methacrylate	6.64	69	11841	4.316	ug/l	98
48) Ethyl methacrylate	8.03	69	10224	2.017	ug/l	96
49) Toluene	7.64	92	26899	1.983	ug/l	94
50) t-1,3-Dichloropropene	7.88	75	15022	2.584	ug/l	96
51) cis-1,3-Dichloropropene	7.27	75	18017	2.452	ug/l	97
52) 1,1,2-Trichloroethane	8.07	97	9044	2.209	ug/l	98
53) 1,3-Dichloropropane	8.25	76	17046	2.339	ug/l	98
54) 2-Hexanone	8.38	43	32364	11.858	ug/l	95
55) Dibromochloromethane	8.48	129	10311	2.575	ug/l	99
56) 1,2-Dibromoethane	8.59	107	8094	2.211	ug/l	97
58) Tetrachloroethene	8.23	164	10032	1.557	ug/l	94
59) Chlorobenzene	9.12	112	29068	2.004	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	11409	2.326	ug/l	99
61) Pentachloroethane	11.10	117	9414	2.897	ug/l	93
62) Hexachloroethane	12.15	117	8625	2.607	ug/l	97
63) Ethyl Benzene	9.25	91	46139	1.821	ug/l	98
64) m/p-Xylenes	9.38	106	35434	3.680	ug/l	98
65) o-Xylene	9.78	106	17066	1.835	ug/l	99
66) Styrene	9.79	104	28672	1.848	ug/l	99
67) Bromoform	9.96	173	5221	2.326	ug/l	99
69) Isopropylbenzene	10.17	105	43596	1.786	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.46	83	12516	2.562	ug/l	99
71) 1,2,3-Trichloropropane	10.50	75	14834	3.698	ug/l #	75
72) Bromobenzene	10.45	156	11216	1.838	ug/l	98
73) n-propylbenzene	10.59	120	11731	1.744	ug/l	94
74) 2-Chlorotoluene	10.66	126	10929	1.826	ug/l	91
75) 1,3,5-Trimethylbenzene	10.77	105	40145	1.932	ug/l	99
76) 4-Chlorotoluene	10.77	126	11677	1.892	ug/l	96
77) tert-Butylbenzene	11.10	119	37666	1.924	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	40781	1.903	ug/l	99
79) sec-Butylbenzene	11.32	105	52618	1.909	ug/l	100
80) Nitrobenzene	12.86	77	2555	16.376	ug/l #	92
81) p-Isopropyltoluene	11.48	119	40734	1.792	ug/l	98
82) 1,3-Dichlorobenzene	11.42	146	24472	2.014	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	23830	1.958	ug/l	100
84) n-Butylbenzene	11.89	91	41198	1.880	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	22404	1.975	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	1775	2.494	ug/l	95
87) 1,2,4-Trichlorobenzene	13.50	180	13379	1.766	ug/l	100
88) Hexachlorobutadiene	13.69	225	9316	1.972	ug/l	98
89) Naphthalene	13.75	128	22322	1.833	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	13389	1.864	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1420

Delta R.T. -0.00 min

Lab File: VU027345.D

Acq: 02 Oct 2018 16:07

Instrument :

BNA_G

ClientSampleId :

VSTDIC002

Tgt Ion: 96 Resp: 20960

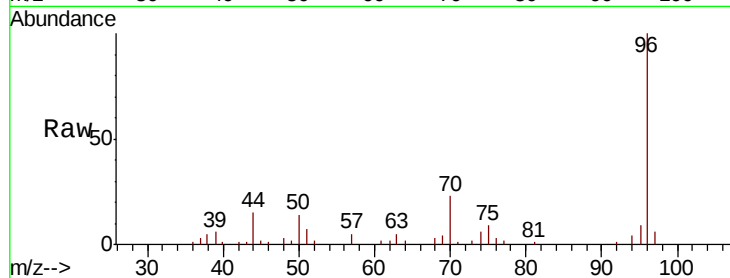
Ion Ratio Lower Upper

96 100

70 23.3 19.2 28.8

95 8.8 7.7 11.5

97 5.8 0.0 0.0#

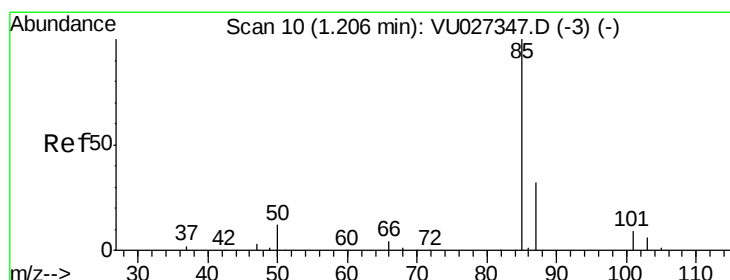
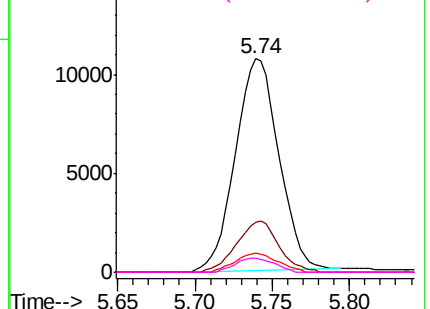
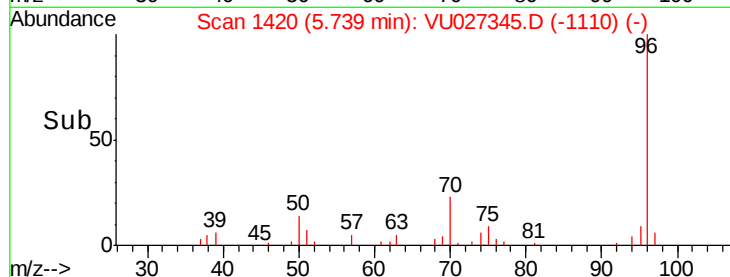


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 2.479 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU027345.D

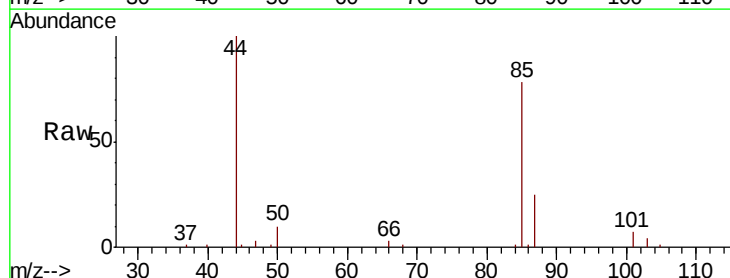
Acq: 02 Oct 2018 16:07

Tgt Ion: 85 Resp: 14356

Ion Ratio Lower Upper

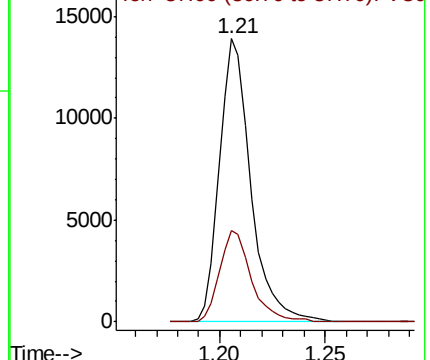
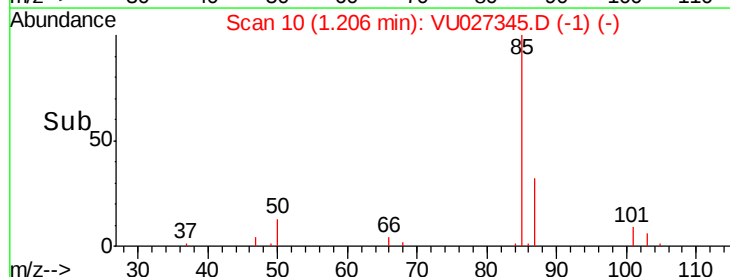
85 100

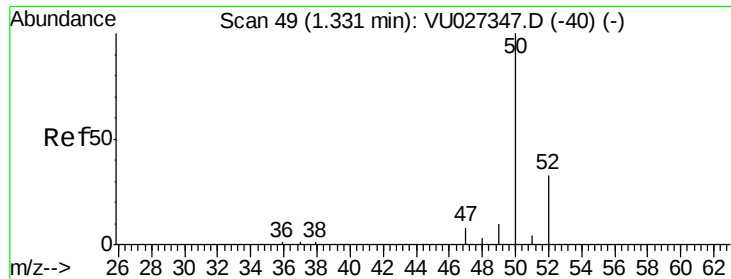
87 32.3 16.1 48.3



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 2.346 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027345.D

Acq: 02 Oct 2018 16:07

Instrument :

BNA_G

ClientSampleId :

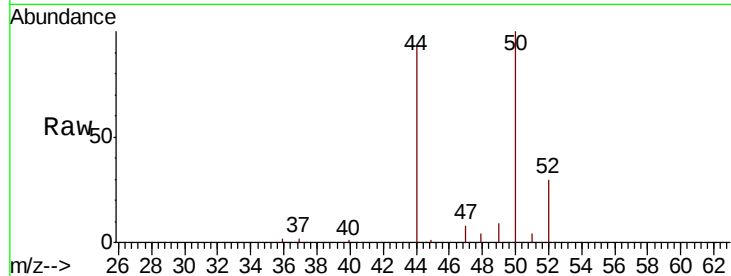
VSTDIC002

Tgt Ion: 50 Resp: 16887

Ion Ratio Lower Upper

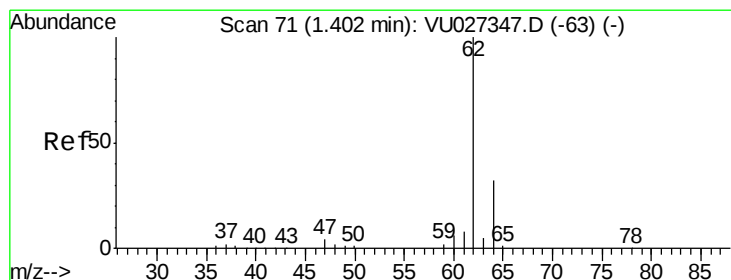
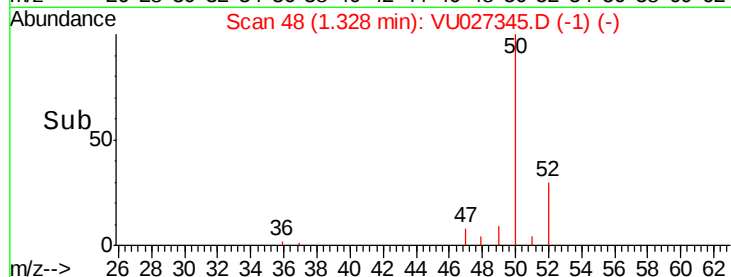
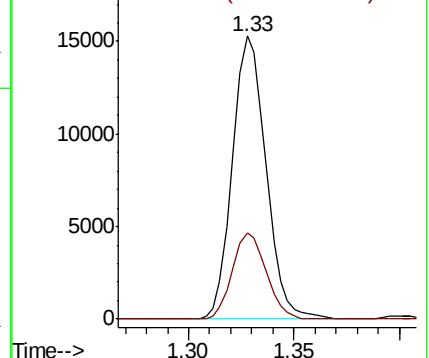
50 100

52 30.4 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 2.428 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027345.D

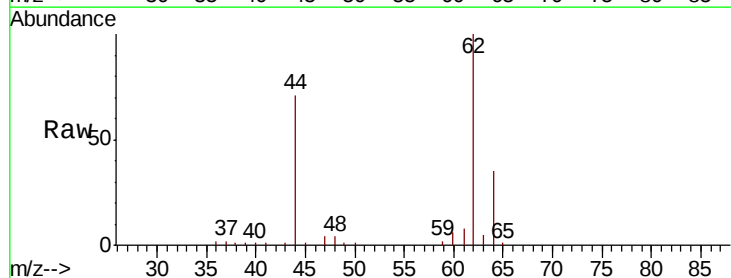
Acq: 02 Oct 2018 16:07

Tgt Ion: 62 Resp: 16675

Ion Ratio Lower Upper

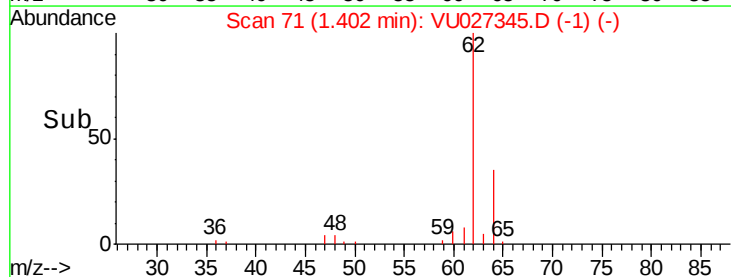
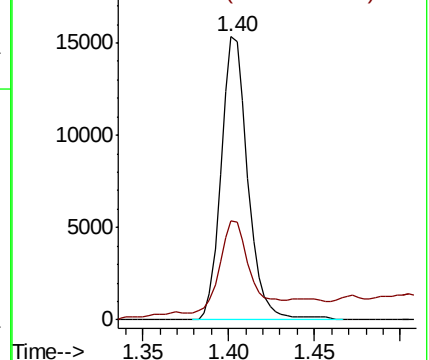
62 100

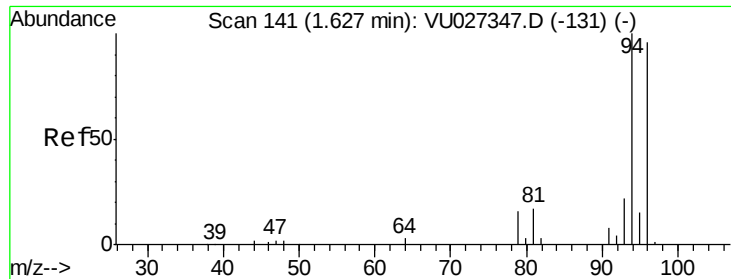
64 32.4 25.6 38.4



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

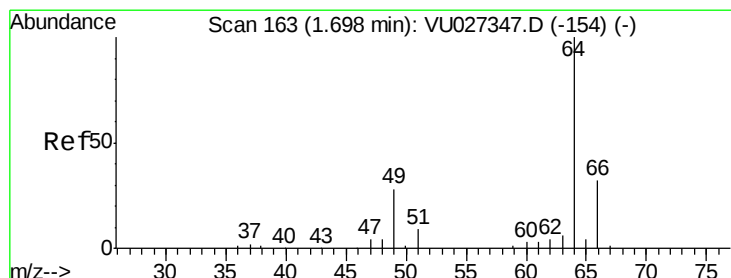
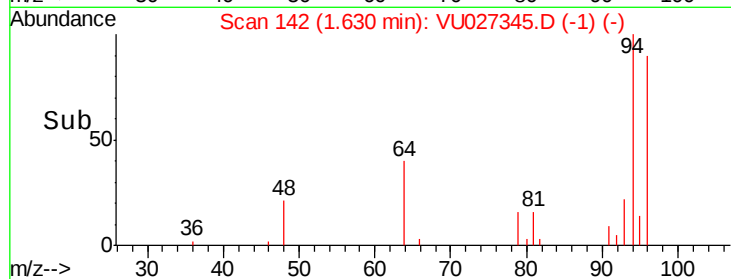
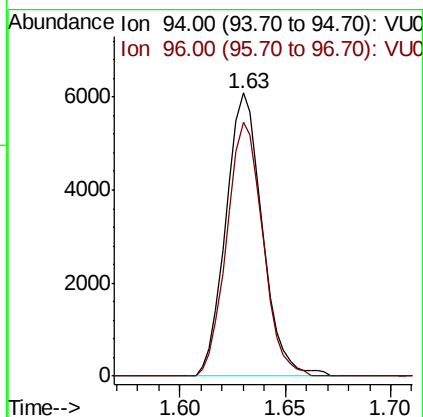
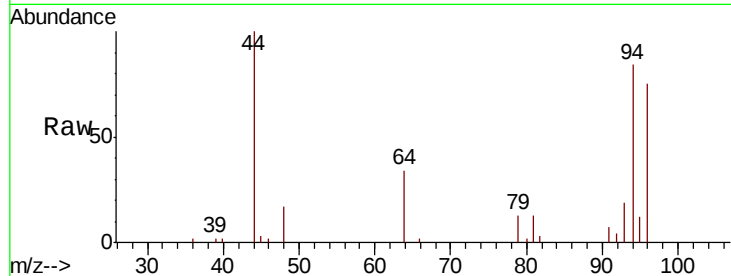




#5
Bromomethane
Concen: 1.573 ug/l
RT: 1.63 min Scan# 142
Delta R.T. 0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

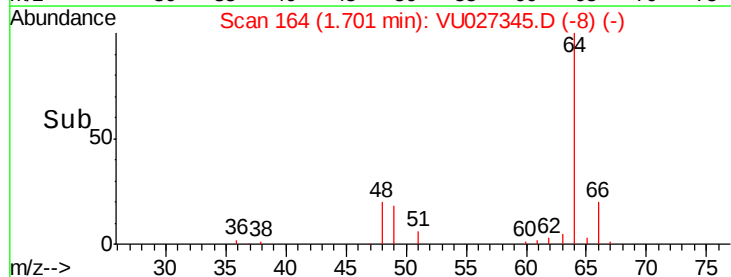
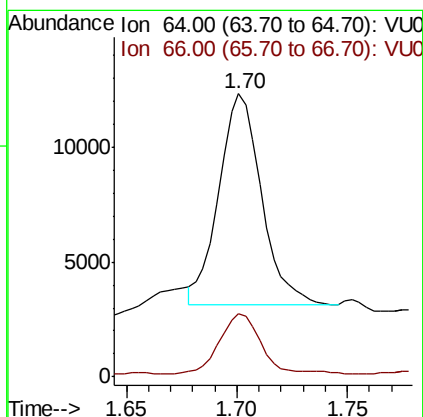
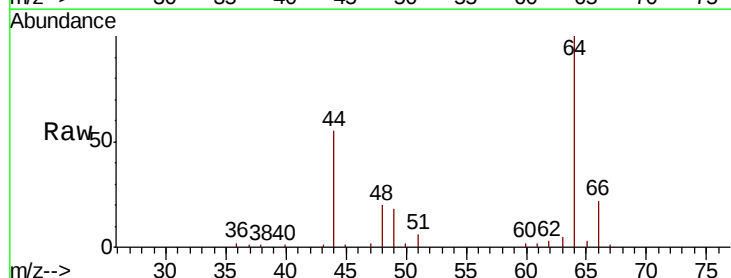
Instrument :
BNA_G
ClientSampleId :
VSTDIC002

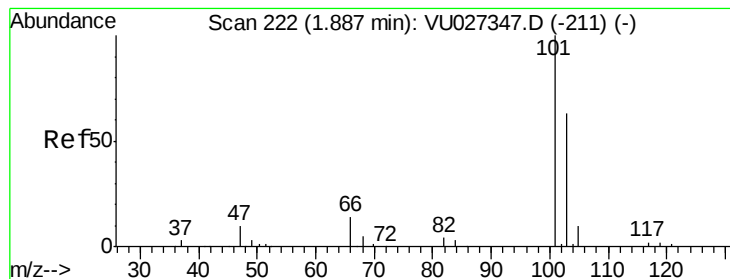
Tgt Ion: 94 Resp: 7271
Ion Ratio Lower Upper
94 100
96 89.7 77.0 115.6



#6
Chloroethane
Concen: 3.156 ug/l
RT: 1.70 min Scan# 164
Delta R.T. 0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

Tgt Ion: 64 Resp: 12354
Ion Ratio Lower Upper
64 100
66 27.9 25.3 37.9



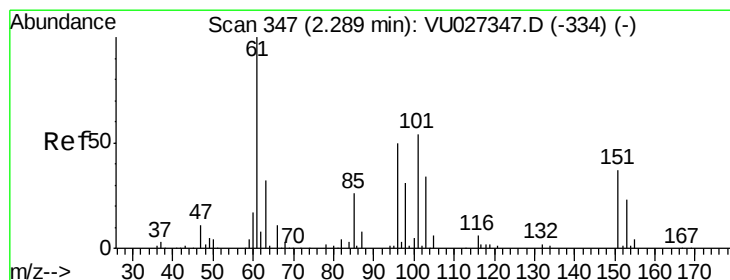
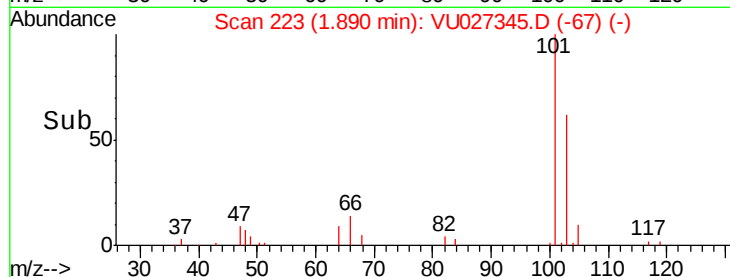
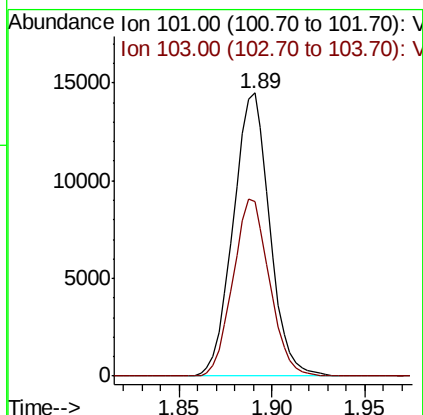
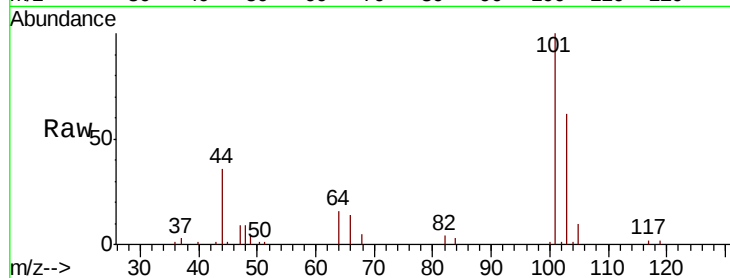


#7

Trichlorofluoromethane
 Concen: 2.410 ug/l
 RT: 1.89 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VU027345.D
 Acq: 02 Oct 2018 16:07

Instrument :
 BNA_G
 ClientSampleId :
 VSTDIC002

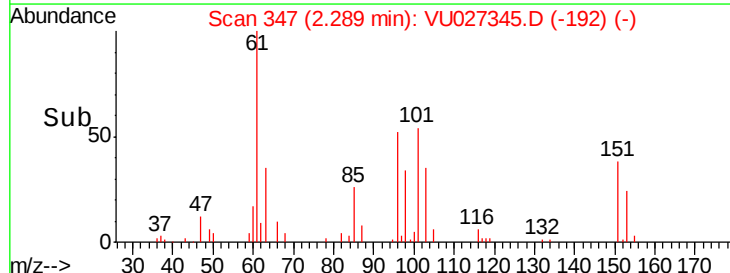
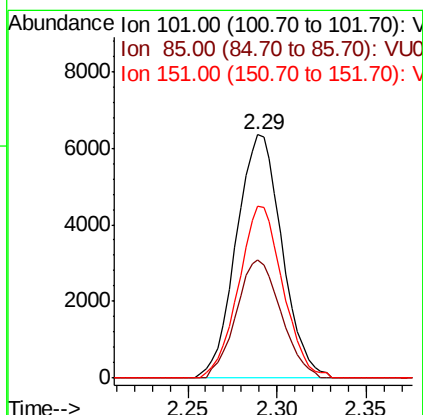
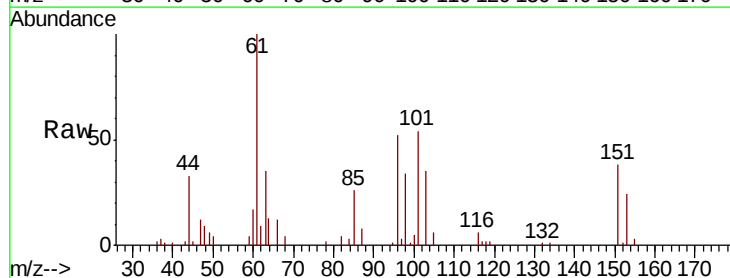
Tgt Ion:101 Resp: 19765
 Ion Ratio Lower Upper
 101 100
 103 61.6 50.8 76.2

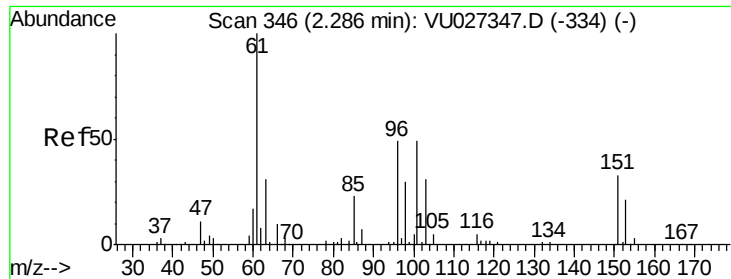


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.381 ug/l
 RT: 2.29 min Scan# 347
 Delta R.T. -0.00 min
 Lab File: VU027345.D
 Acq: 02 Oct 2018 16:07

Tgt Ion:101 Resp: 11387
 Ion Ratio Lower Upper
 101 100
 85 47.5 37.6 56.4
 151 68.3 54.6 81.8





#9

1,1-Dichloroethene

Concen: 2.101 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU027345.D

Acq: 02 Oct 2018 16:07

Instrument :

BNA_G

ClientSampleId :

VSTDIC002

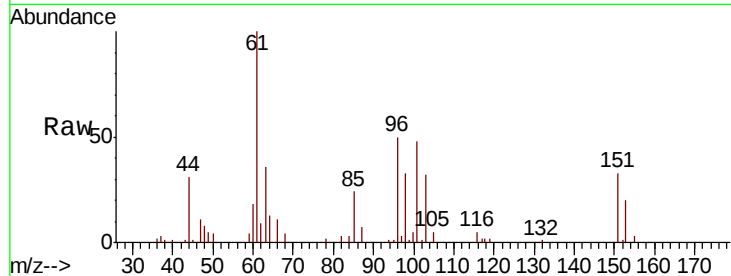
Tgt Ion: 96 Resp: 9424

Ion Ratio Lower Upper

96 100

61 198.6 0.0 614.1

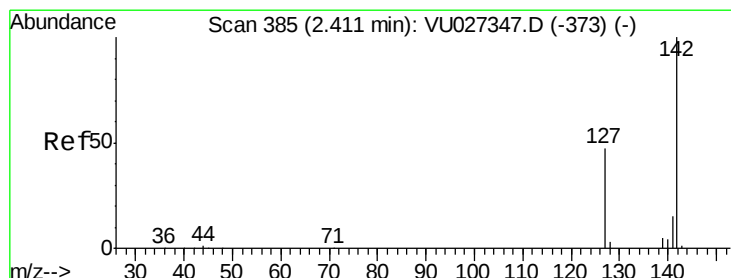
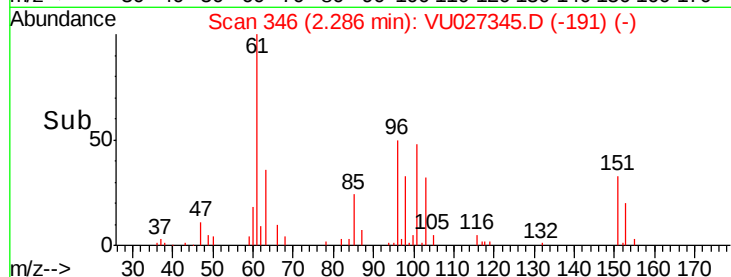
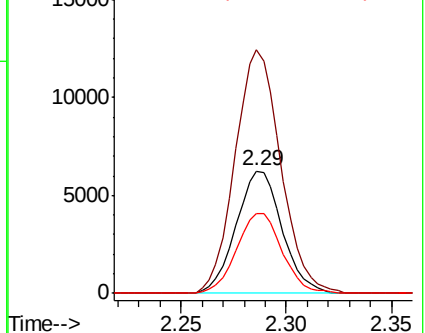
98 65.0 0.0 123.4



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#10

Iodomethane

Concen: 2.707 ug/l

RT: 2.41 min Scan# 385

Delta R.T. -0.00 min

Lab File: VU027345.D

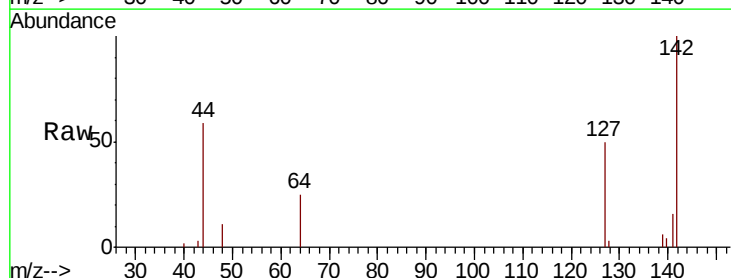
Acq: 02 Oct 2018 16:07

Tgt Ion: 142 Resp: 10224

Ion Ratio Lower Upper

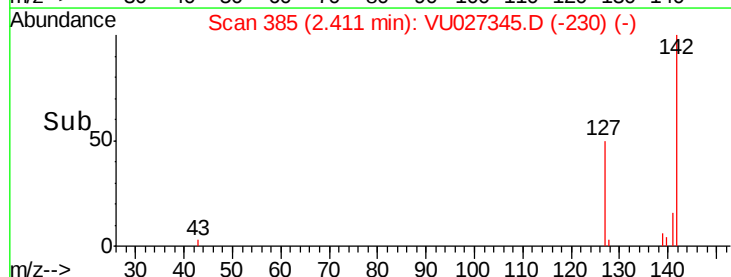
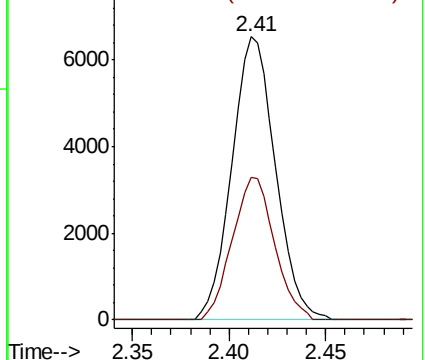
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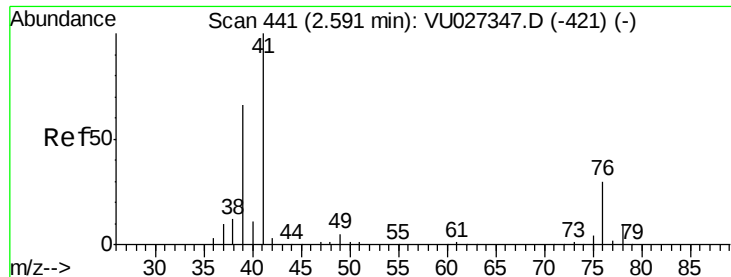
127 48.8 38.3 57.5



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

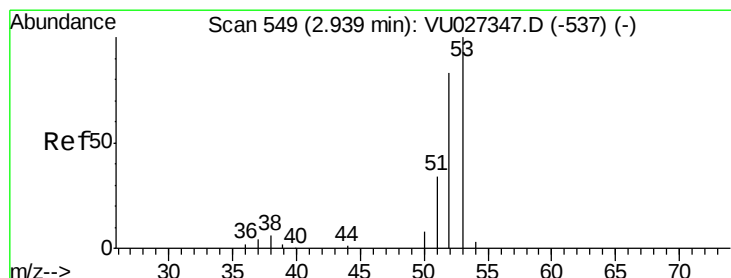
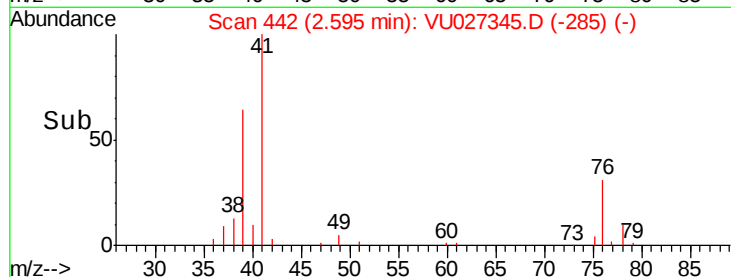
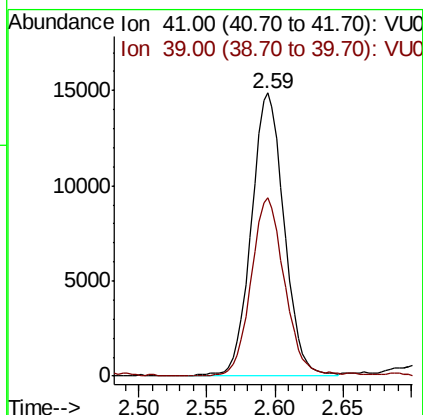
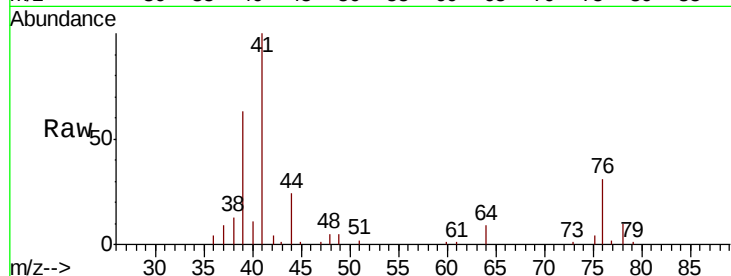




#11
 Allyl Chloride
 Concen: 2.897 ug/l
 RT: 2.59 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: VU027345.D
 Acq: 02 Oct 2018 16:07

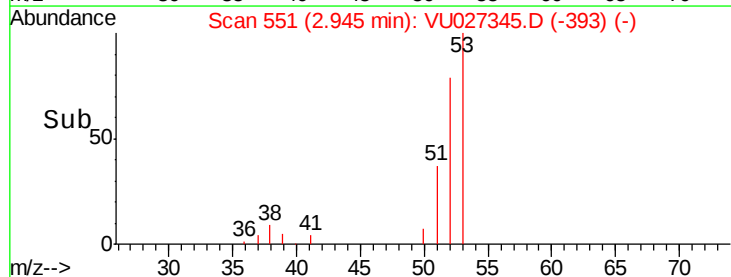
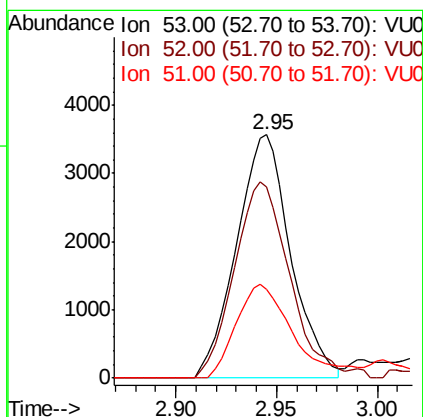
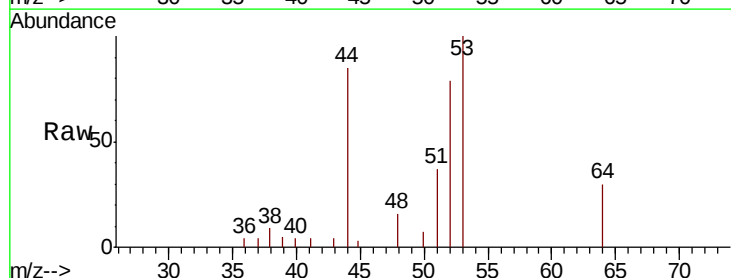
Instrument :
 BNA_G
 ClientSampleId :
 VSTDIC002

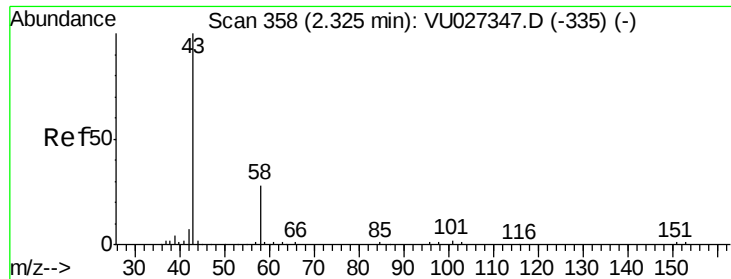
Tgt Ion: 41 Resp: 24836
 Ion Ratio Lower Upper
 41 100
 39 64.6 52.2 78.4



#12
 Acrylonitrile
 Concen: 5.727 ug/l
 RT: 2.95 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: VU027345.D
 Acq: 02 Oct 2018 16:07

Tgt Ion: 53 Resp: 6693
 Ion Ratio Lower Upper
 53 100
 52 83.0 67.0 100.4
 51 40.8 29.0 43.6





#13

Acetone

Concen: 14.147 ug/l

RT: 2.33 min Scan# 359

Delta R.T. 0.00 min

Lab File: VU027345.D

Acq: 02 Oct 2018 16:07

Instrument :

BNA_G

ClientSampleId :

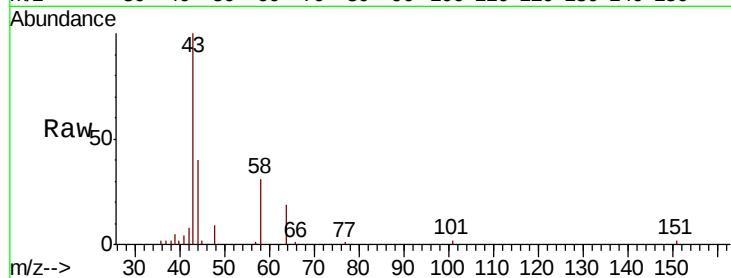
VSTDIC002

Tgt Ion: 43 Resp: 15004

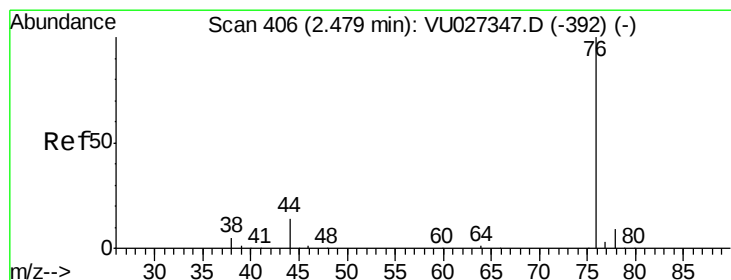
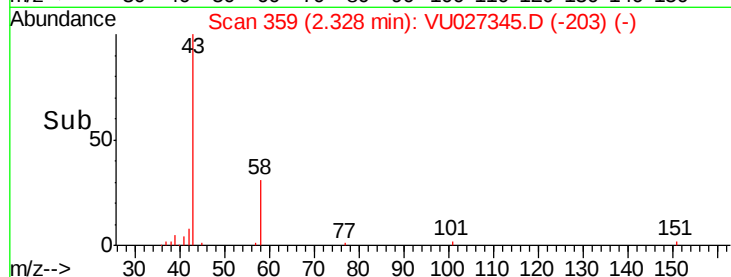
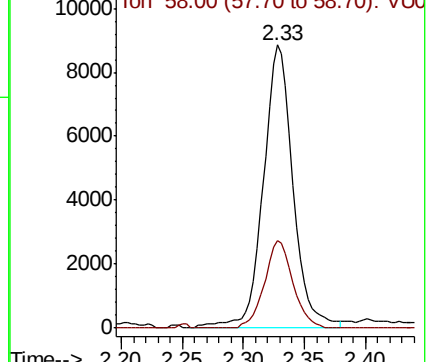
Ion Ratio Lower Upper

43 100

58 31.0 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VU027347.D (-335) (-)



#14

Carbon Disulfide

Concen: 2.260 ug/l

RT: 2.48 min Scan# 406

Delta R.T. -0.00 min

Lab File: VU027345.D

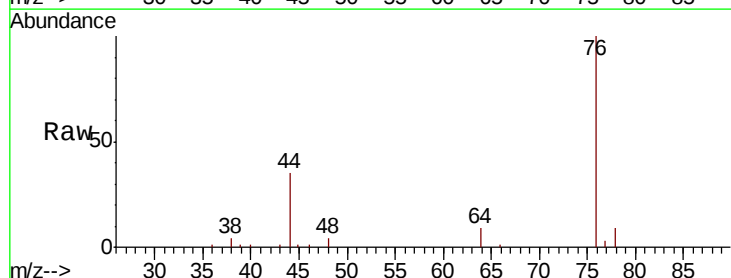
Acq: 02 Oct 2018 16:07

Tgt Ion: 76 Resp: 29440

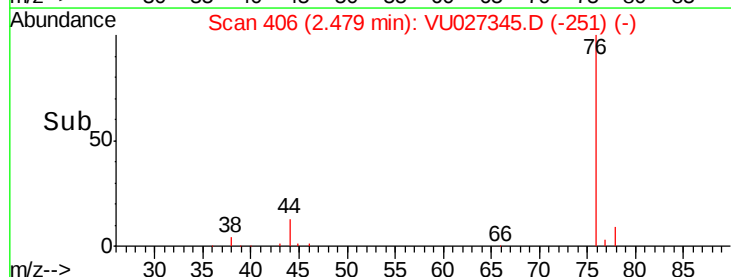
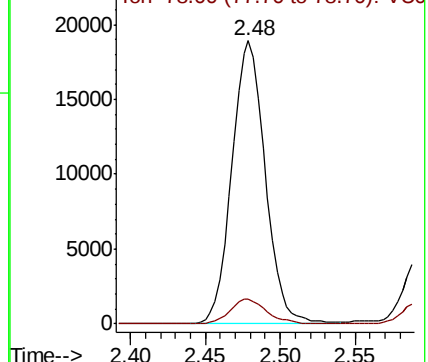
Ion Ratio Lower Upper

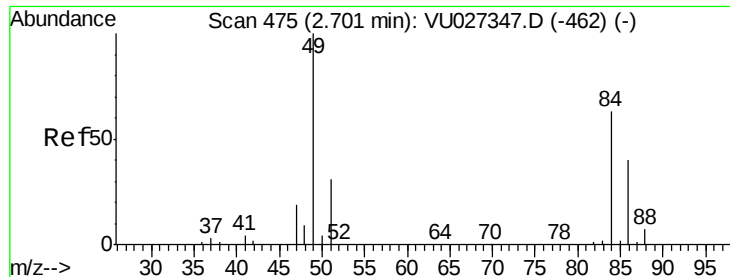
76 100

78 8.7 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU027347.D (-392) (-)

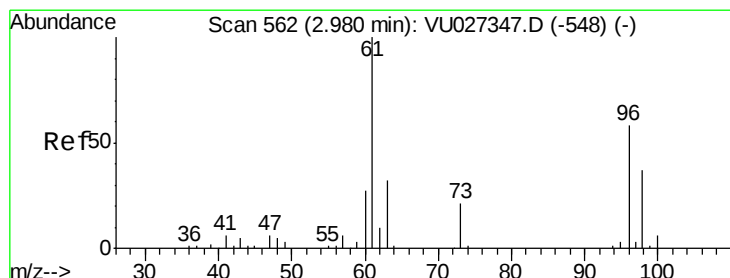
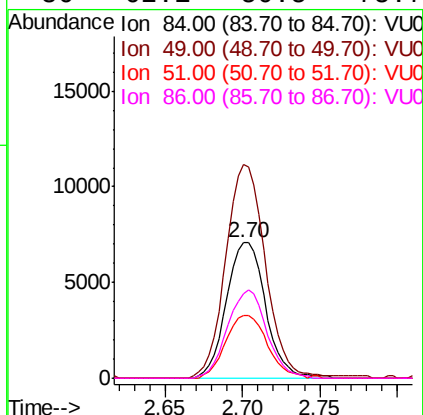
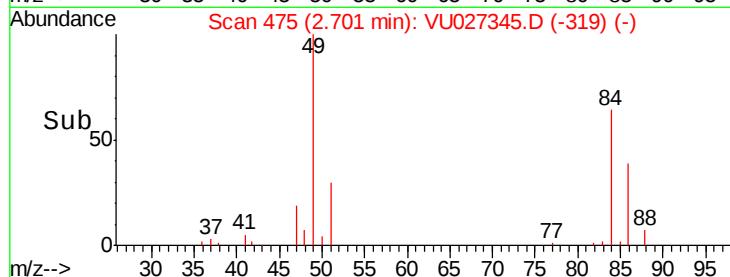
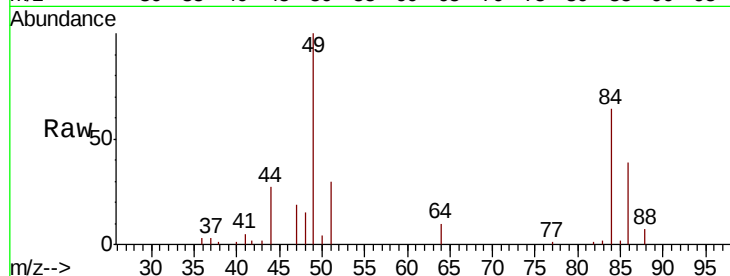




#15
Methylene Chloride
Concen: 2.297 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

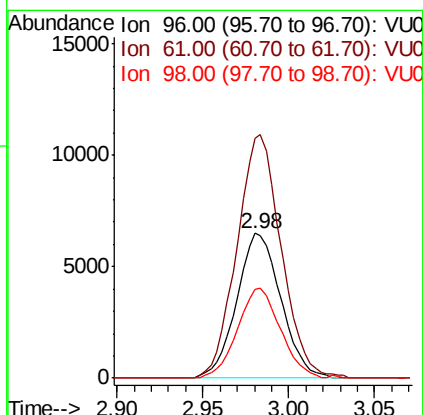
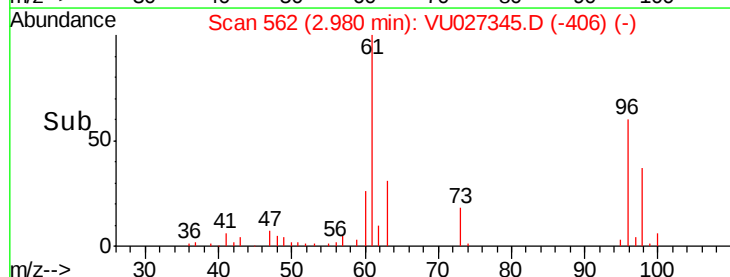
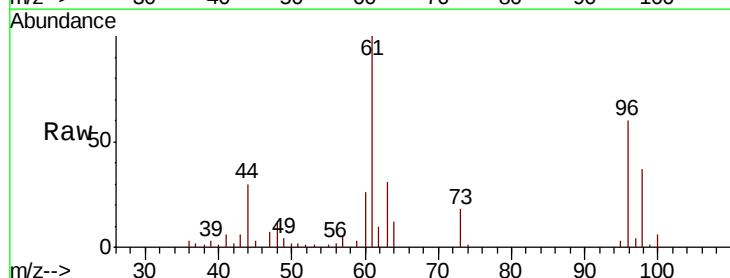
Instrument :
BNA_G
ClientSampleId :
VSTDIC002

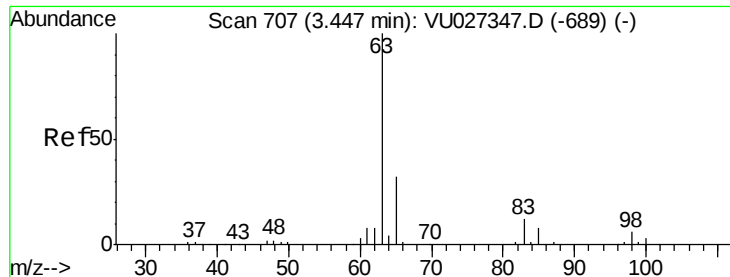
Tgt Ion:	84	Resp:	12515
Ion	Ratio	Lower	Upper
84	100		
49	157.5	126.0	189.0
51	46.6	0.0	97.4
86	62.1	50.5	75.7



#16
trans-1,2-Dichloroethene
Concen: 2.409 ug/l
RT: 2.98 min Scan# 562
Delta R.T. -0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

Tgt Ion:	96	Resp:	11566
Ion	Ratio	Lower	Upper
96	100		
61	166.4	138.2	207.4
98	61.3	51.5	77.3

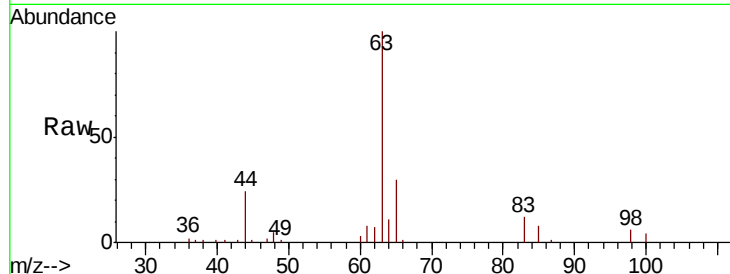




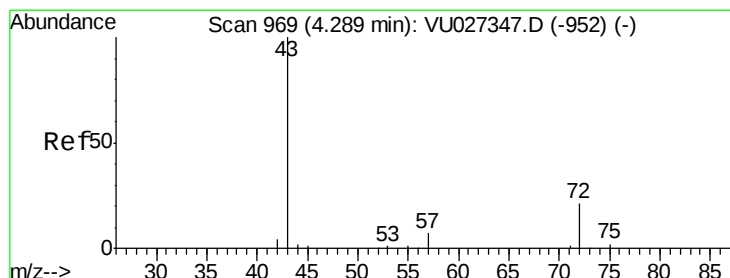
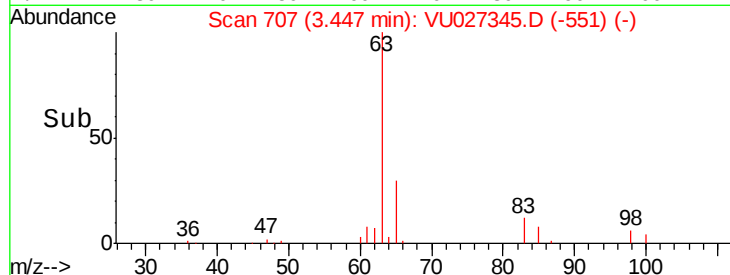
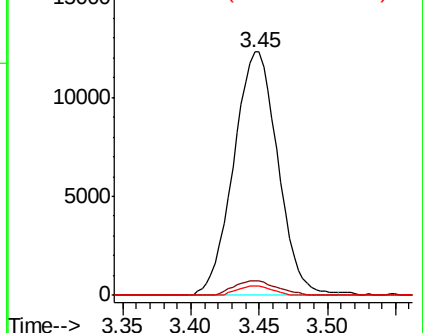
#17
 1,1-Dichloroethane
 Concen: 2.716 ug/l
 RT: 3.45 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VU027345.D
 Acq: 02 Oct 2018 16:07

Instrument :
 BNA_G
 ClientSampleId :
 VSTDIC002

Tgt Ion: 63 Resp: 27720
 Ion Ratio Lower Upper
 63 100
 98 6.1 2.9 8.6
 100 4.0 1.8 5.3

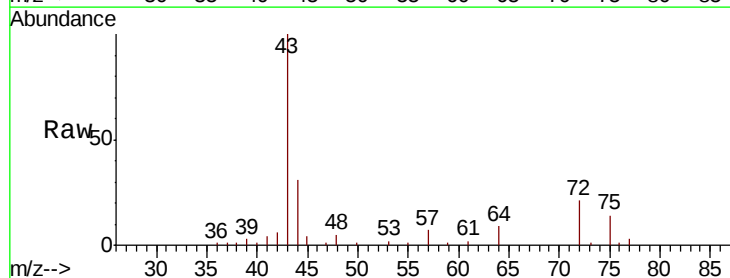


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

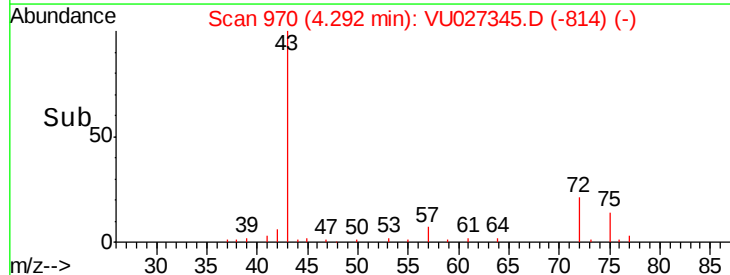
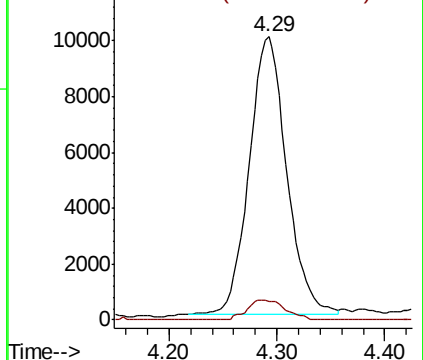


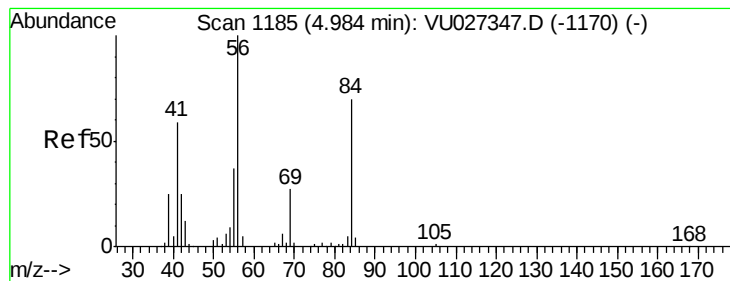
#18
 2-Butanone
 Concen: 14.011 ug/l
 RT: 4.29 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: VU027345.D
 Acq: 02 Oct 2018 16:07

Tgt Ion: 43 Resp: 24111
 Ion Ratio Lower Upper
 43 100
 57 6.7 0.0 14.4



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0





#19

Cyclohexane

Concen: 2.494 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027345.D

Acq: 02 Oct 2018 16:07

Instrument :

BNA_G

ClientSampleId :

VSTDIC002

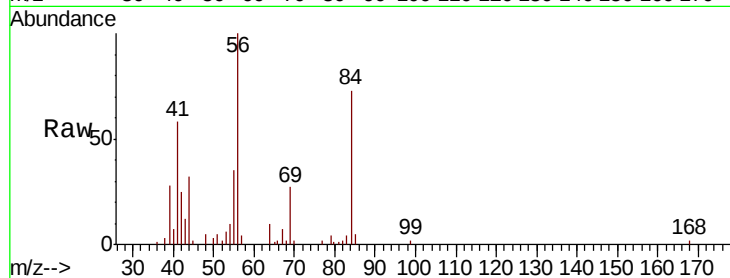
Tgt Ion: 56 Resp: 21159

Ion Ratio Lower Upper

56 100

69 29.9 24.9 37.3

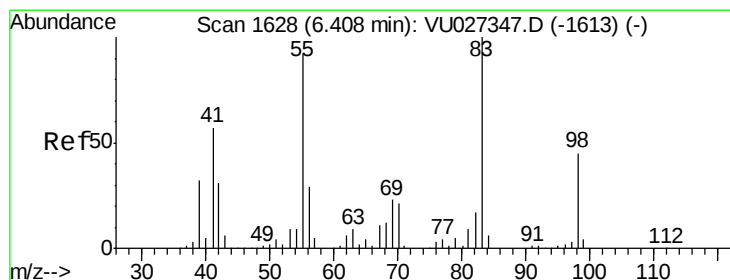
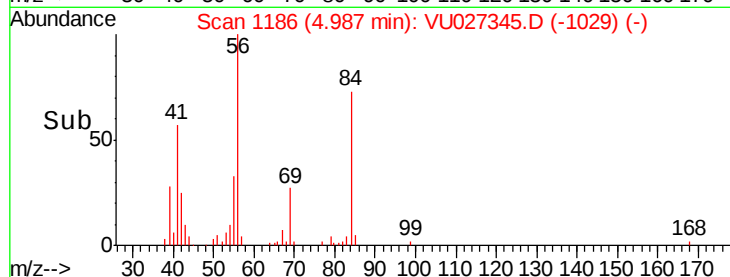
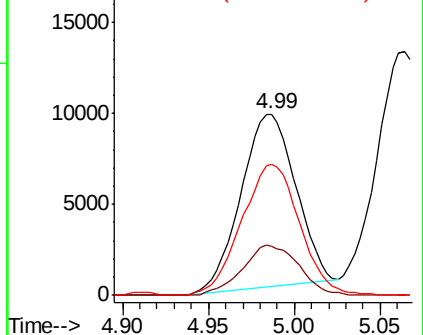
84 80.2 63.0 94.6



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



#20

Methylcyclohexane

Concen: 1.827 ug/l

RT: 6.41 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU027345.D

Acq: 02 Oct 2018 16:07

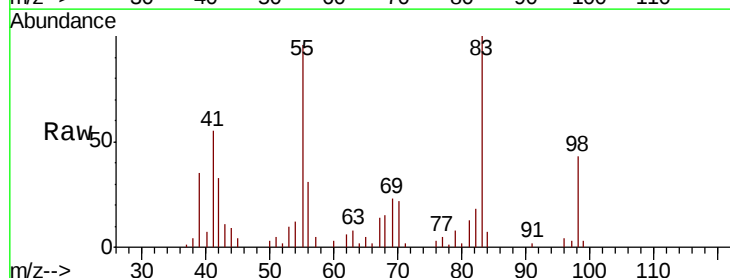
Tgt Ion: 83 Resp: 16772

Ion Ratio Lower Upper

83 100

55 96.7 71.6 107.4

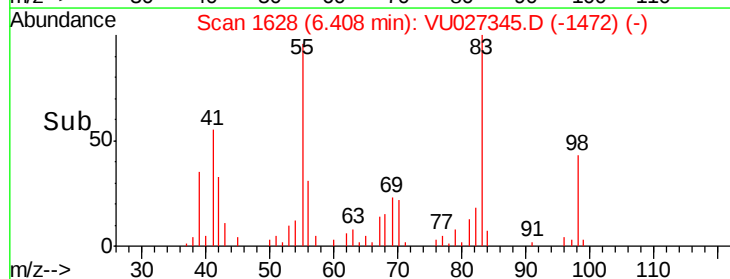
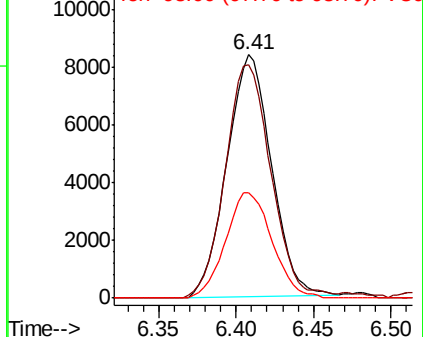
98 45.4 35.8 53.6

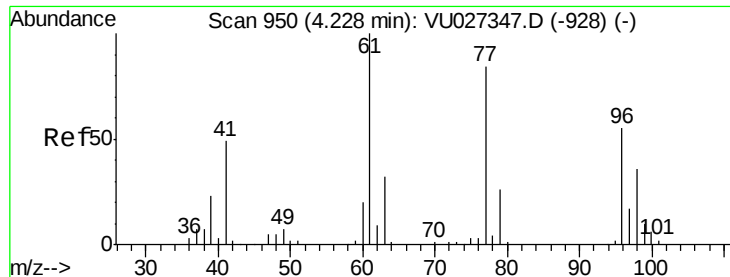


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

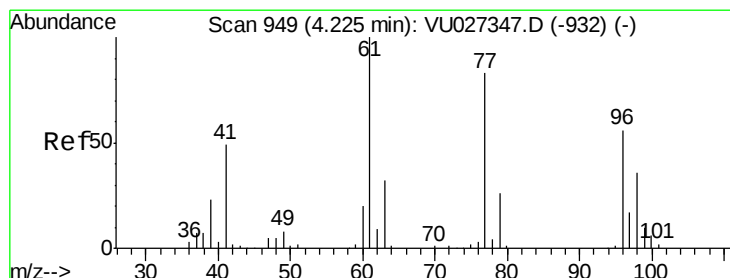
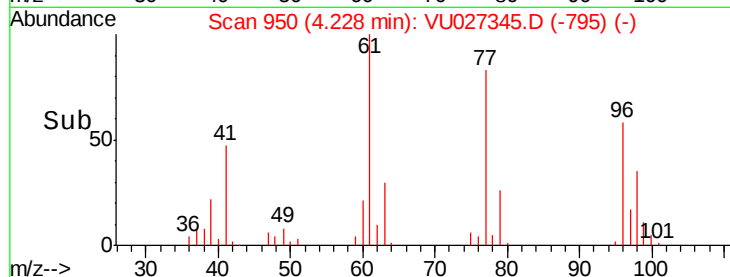
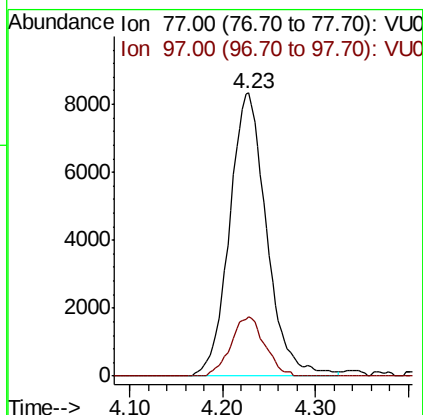
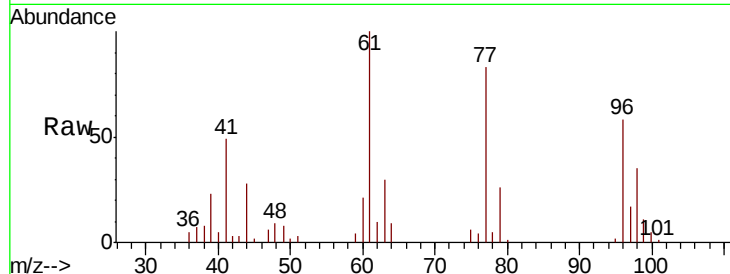




#21
 2,2-Dichloropropane
 Concen: 2.982 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU027345.D
 Acq: 02 Oct 2018 16:07

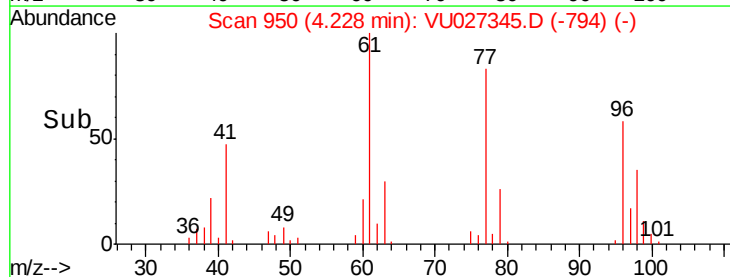
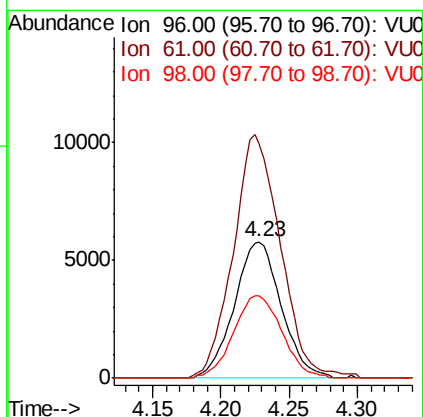
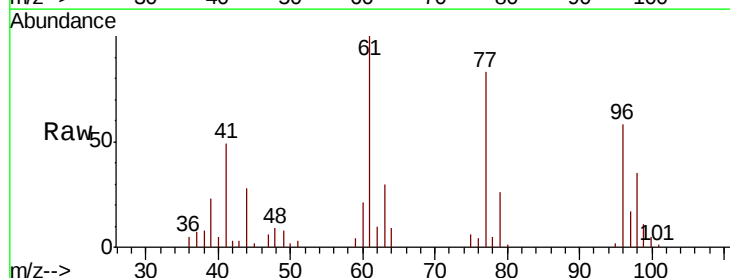
Instrument :
 BNA_G
 ClientSampleId :
 VSTDIC002

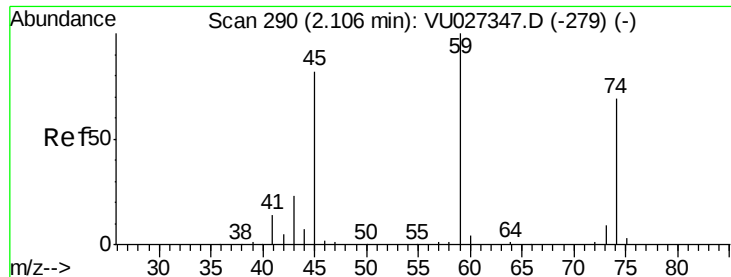
Tgt Ion: 77 Resp: 23054
 Ion Ratio Lower Upper
 77 100
 97 19.0 16.0 24.0



#22
 cis-1,2-Dichloroethene
 Concen: 2.316 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: VU027345.D
 Acq: 02 Oct 2018 16:07

Tgt Ion: 96 Resp: 13819
 Ion Ratio Lower Upper
 96 100
 61 179.6 0.0 461.8
 98 62.3 32.5 97.4

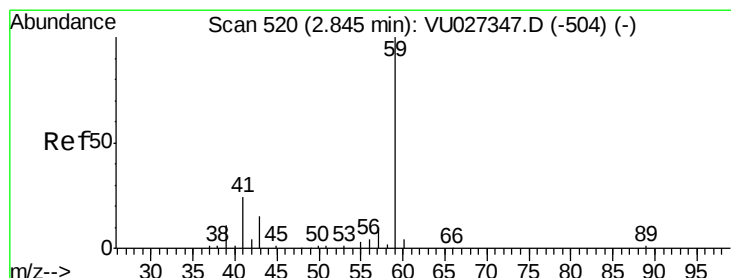
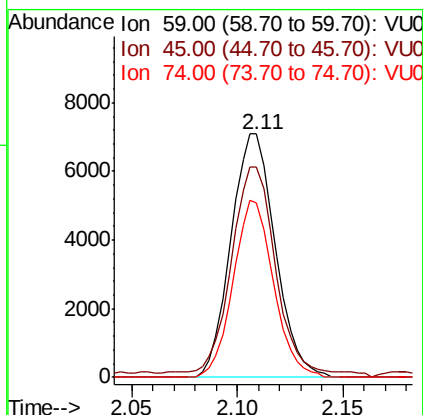
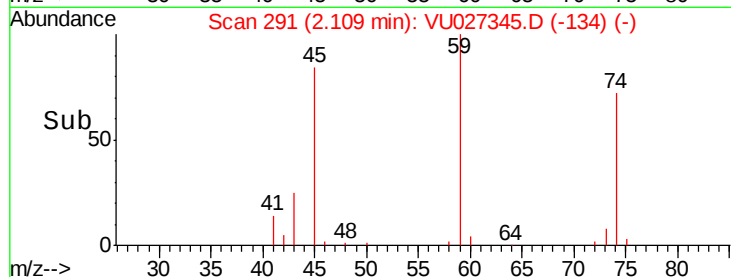
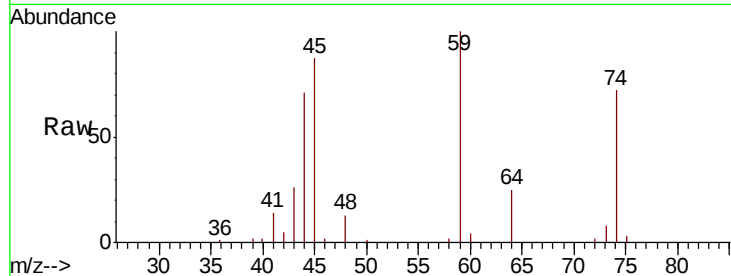




#23
Diethyl Ether
Concen: 2.617 ug/l
RT: 2.11 min Scan# 291
Delta R.T. 0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

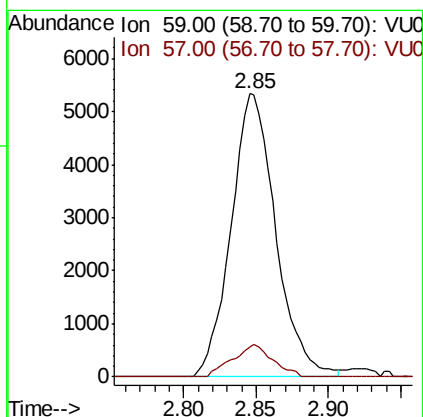
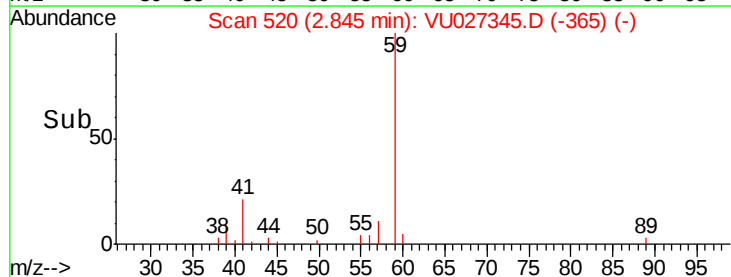
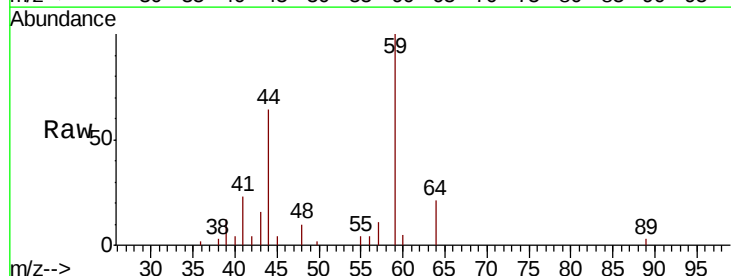
Instrument :
BNA_G
ClientSampleId :
VSTDIC002

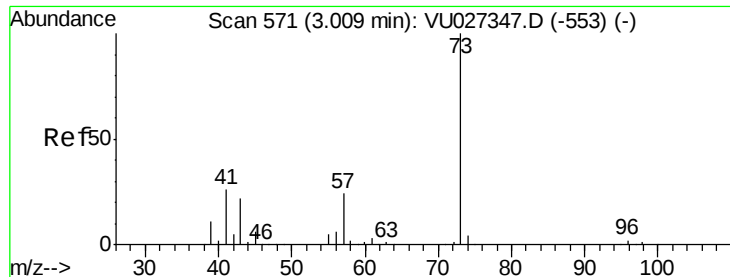
Tgt Ion: 59 Resp: 10326
Ion Ratio Lower Upper
59 100
45 89.3 65.2 97.8
74 66.3 54.2 81.4



#24
tert-Butyl Alcohol
Concen: 23.990 ug/l
RT: 2.85 min Scan# 520
Delta R.T. -0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

Tgt Ion: 59 Resp: 11406
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



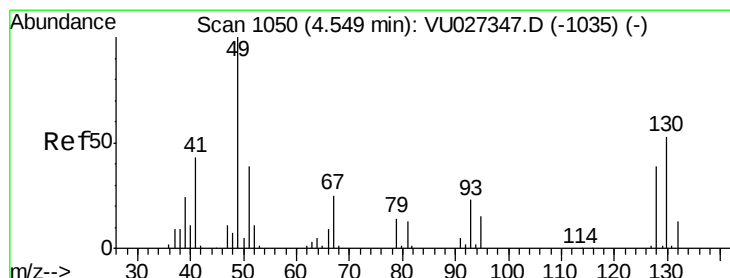
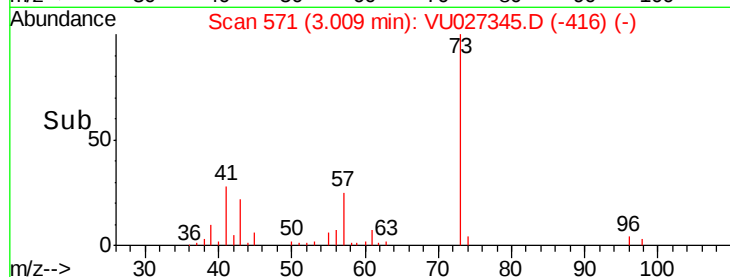
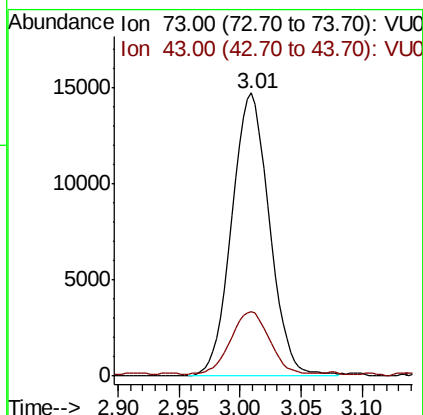
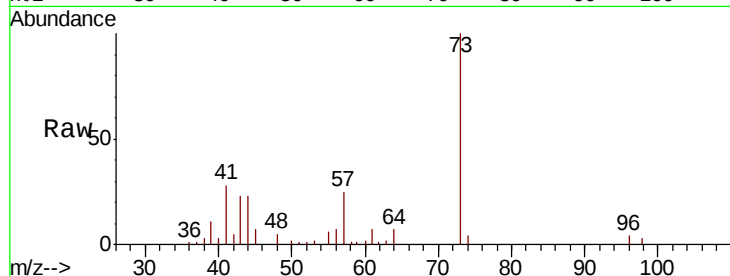


#25

Methyl tert-Butyl Ether
 Concen: 2.550 ug/l
 RT: 3.01 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VU027345.D
 Acq: 02 Oct 2018 16:07

Instrument :
 BNA_G
 ClientSampleId :
 VSTDIC002

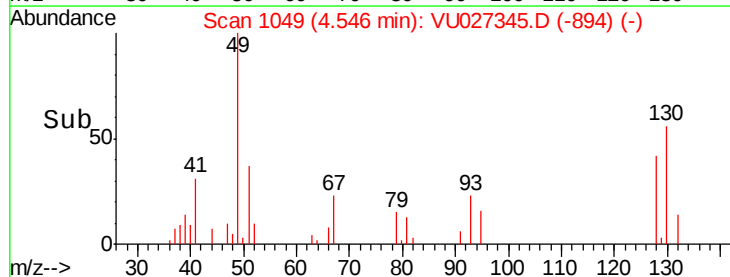
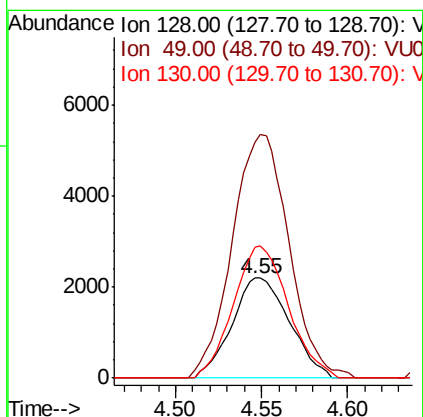
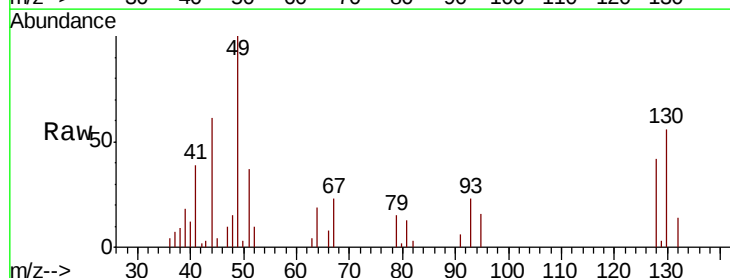
Tgt Ion: 73 Resp: 31557
 Ion Ratio Lower Upper
 73 100
 43 22.3 17.6 26.4

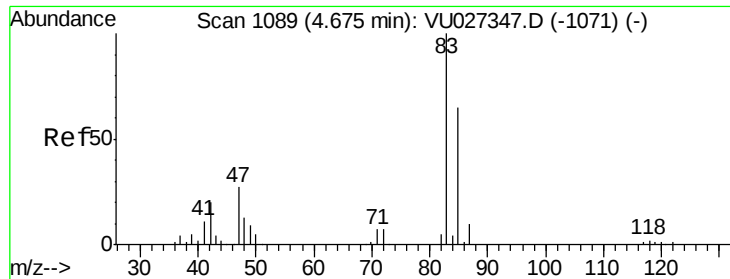


#26

Bromochloromethane
 Concen: 2.022 ug/l
 RT: 4.55 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VU027345.D
 Acq: 02 Oct 2018 16:07

Tgt Ion: 128 Resp: 5103
 Ion Ratio Lower Upper
 128 100
 49 241.1 0.0 498.8
 130 126.8 103.8 155.8

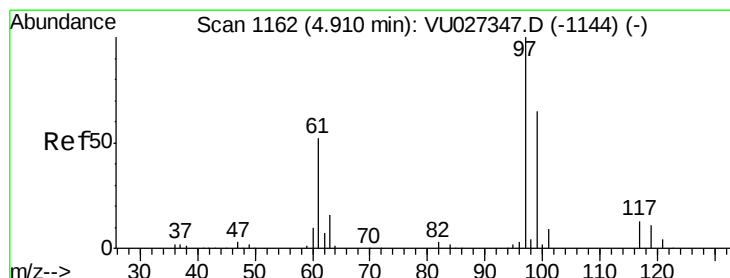
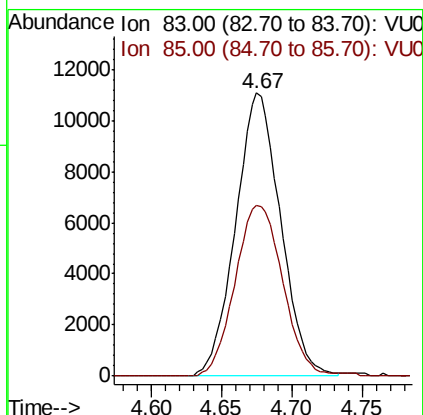
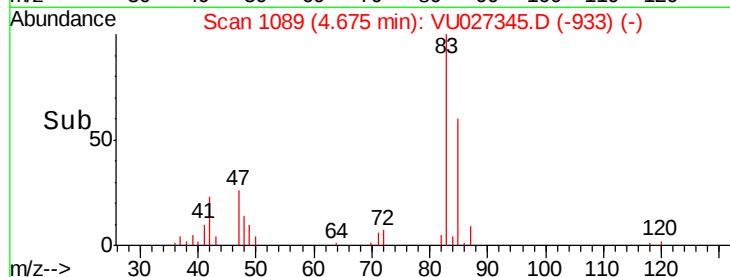
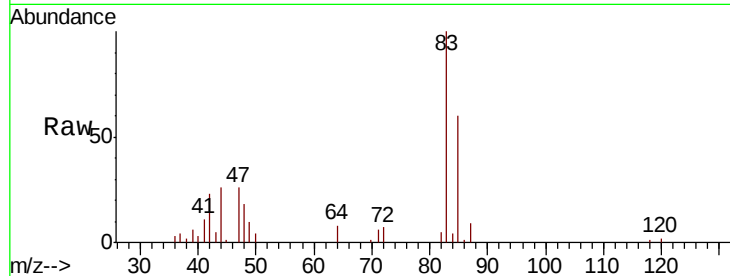




#27
Chloroform
Concen: 2.369 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

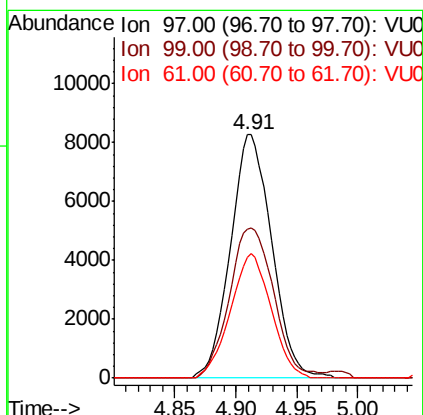
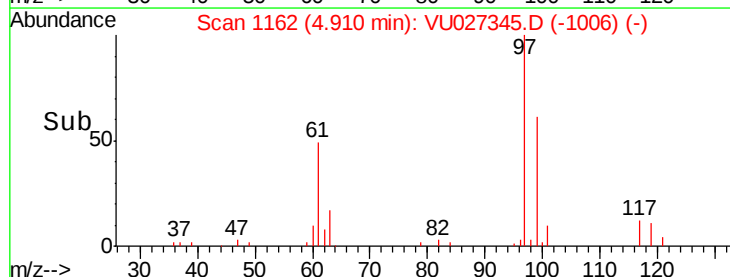
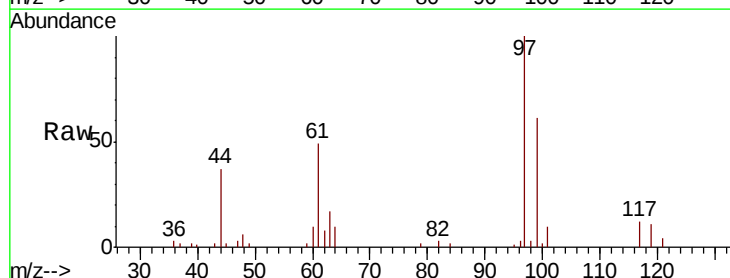
Instrument :
BNA_G
ClientSampleId :
VSTDIC002

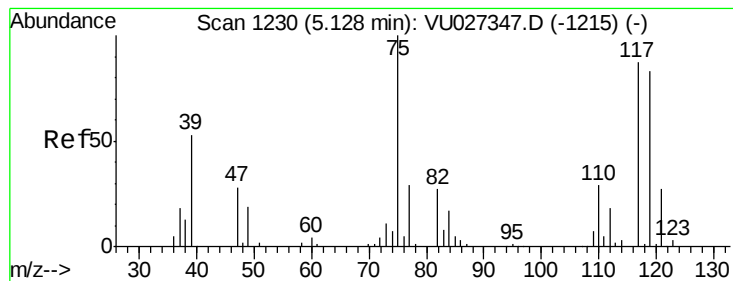
Tgt Ion: 83 Resp: 24715
Ion Ratio Lower Upper
83 100
85 60.2 0.0 129.4



#28
1,1,1-Trichloroethane
Concen: 2.373 ug/l
RT: 4.91 min Scan# 1162
Delta R.T. -0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

Tgt Ion: 97 Resp: 19380
Ion Ratio Lower Upper
97 100
99 66.5 31.9 95.9
61 50.5 25.7 77.1





#29

1,1-Dichloropropene

Concen: 2.302 ug/l

RT: 5.13 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VU027345.D

Acq: 02 Oct 2018 16:07

Instrument :

BNA_G

ClientSampleId :

VSTDIC002

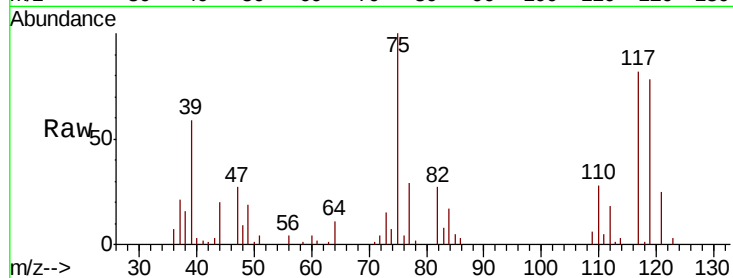
Tgt Ion: 75 Resp: 18304

Ion Ratio Lower Upper

75 100

110 28.0 15.0 45.0

77 32.1 24.2 36.2

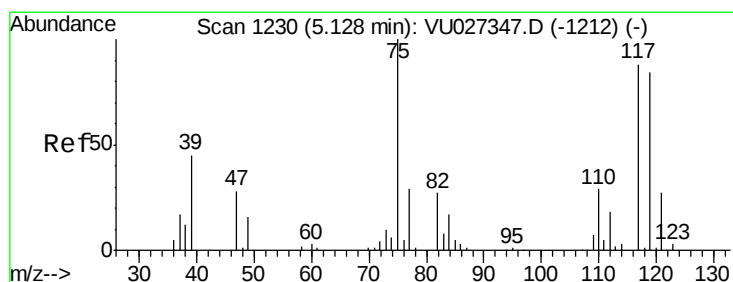
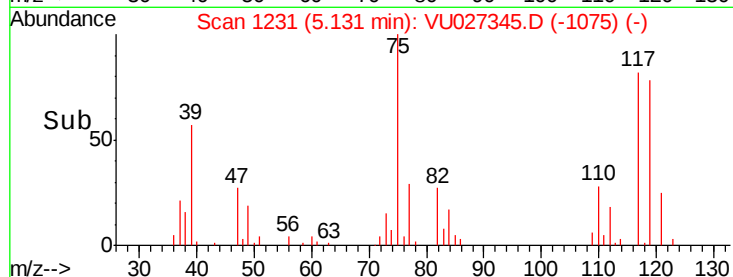
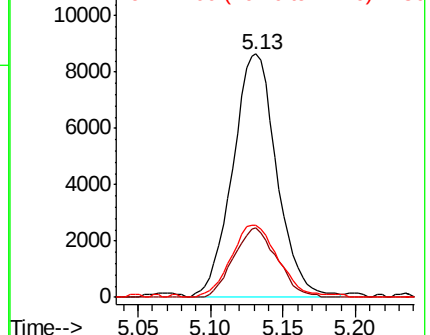


Abundance

Ion 75.00 (74.70 to 75.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VU0



#30

Carbon Tetrachloride

Concen: 2.428 ug/l

RT: 5.13 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VU027345.D

Acq: 02 Oct 2018 16:07

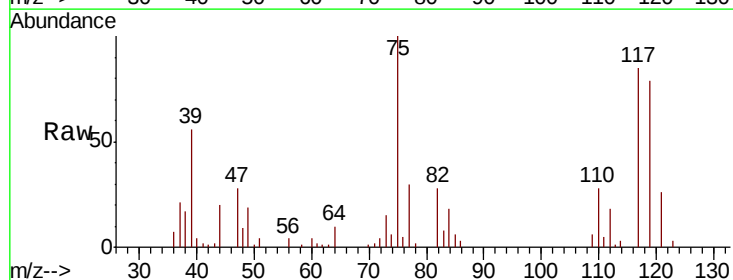
Tgt Ion: 117 Resp: 16479

Ion Ratio Lower Upper

117 100

119 92.9 75.9 113.9

121 30.7 24.6 37.0

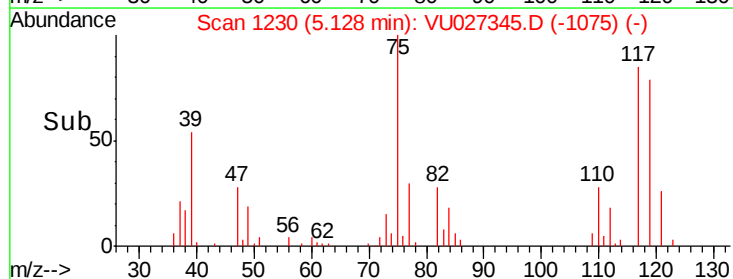
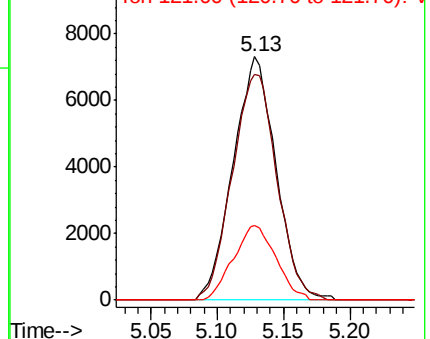


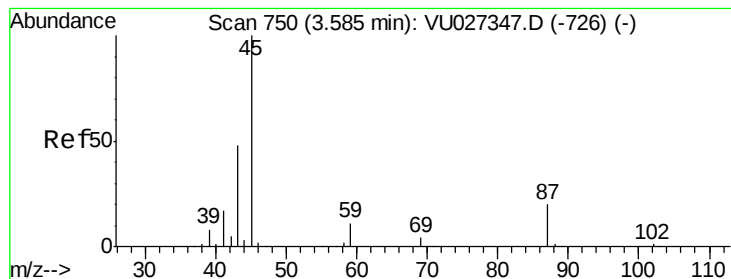
Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V





#31

Isopropyl Ether

Concen: 2.771 ug/l

RT: 3.58 min Scan# 750

Delta R.T. -0.00 min

Lab File: VU027345.D

Acq: 02 Oct 2018 16:07

Instrument :

BNA_G

ClientSampleId :

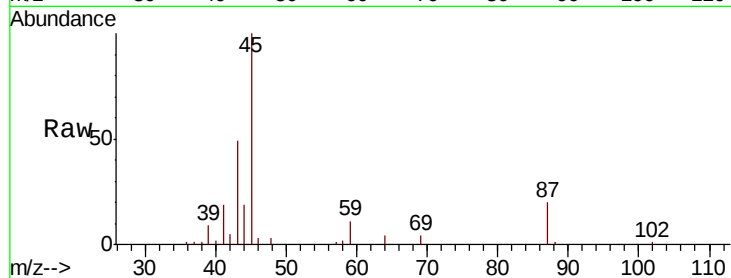
VSTDIC002

Tgt Ion: 45 Resp: 50309

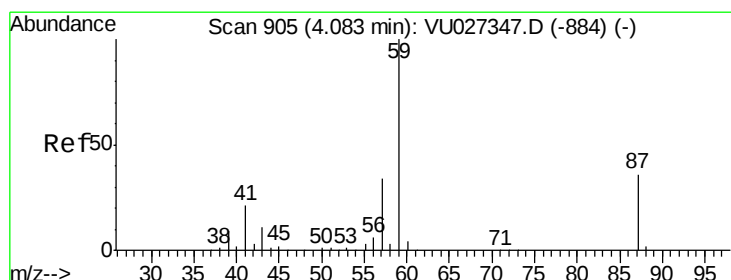
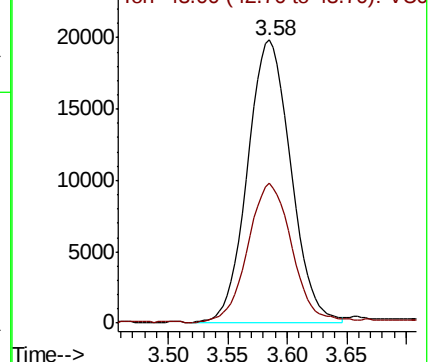
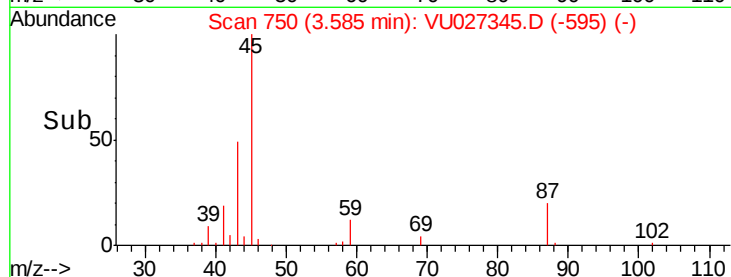
Ion Ratio Lower Upper

45 100

43 50.5 24.1 72.3



Abundance Ion 45.00 (44.70 to 45.70): VU027345.D (-595) (-)



#32

Ethyl-t-butyl ether

Concen: 2.596 ug/l

RT: 4.09 min Scan# 906

Delta R.T. 0.00 min

Lab File: VU027345.D

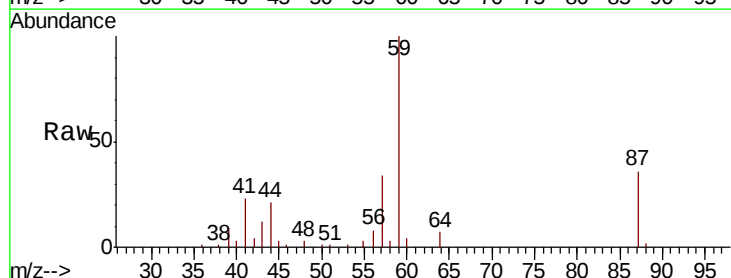
Acq: 02 Oct 2018 16:07

Tgt Ion: 59 Resp: 39933

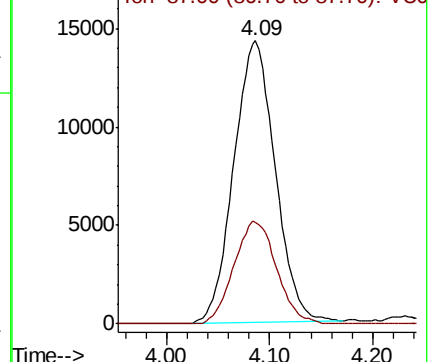
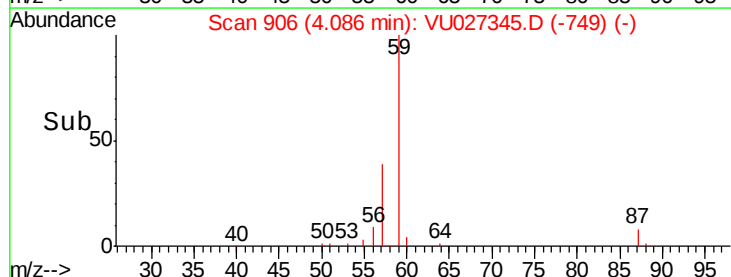
Ion Ratio Lower Upper

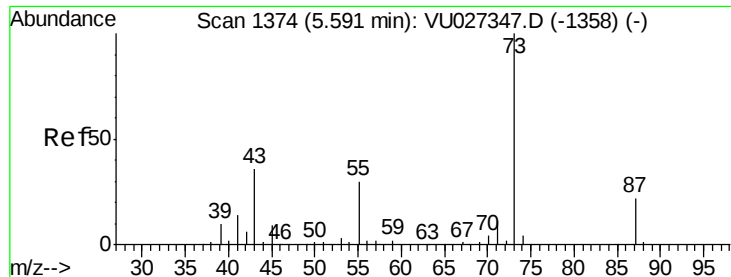
59 100

87 37.4 28.6 42.8



Abundance Ion 59.00 (58.70 to 59.70): VU027345.D (-749) (-)

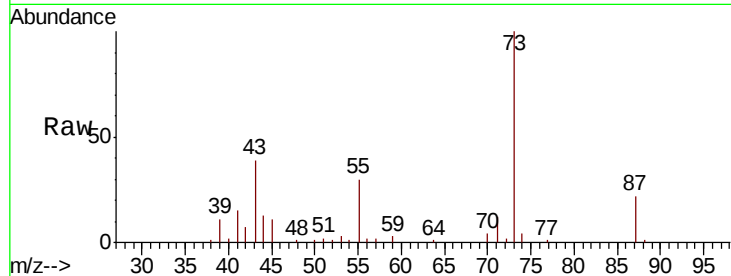




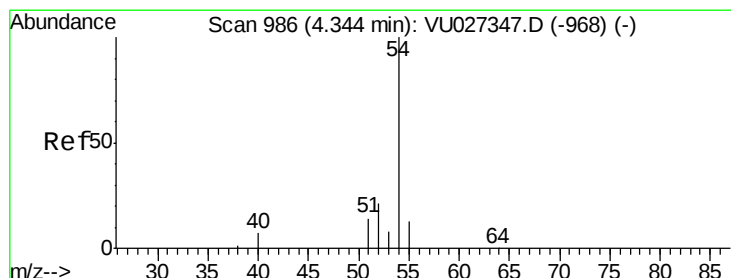
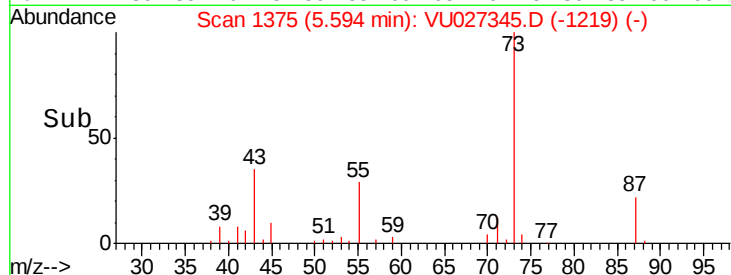
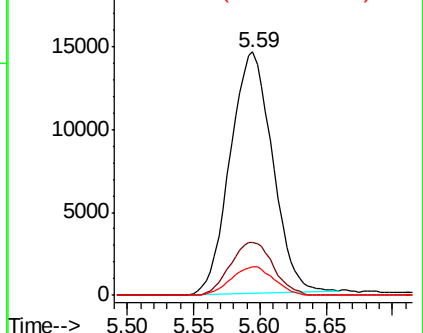
#33
Tert-Amyl methyl ether
Concen: 2.565 ug/l
RT: 5.59 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

Instrument :
BNA_G
ClientSampleId :
VSTDIC002

Tgt Ion: 73 Resp: 32251
Ion Ratio Lower Upper
73 100
87 22.2 18.1 27.1
71 12.0 9.2 13.8

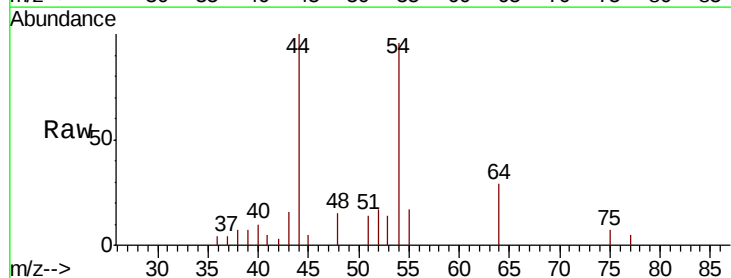


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

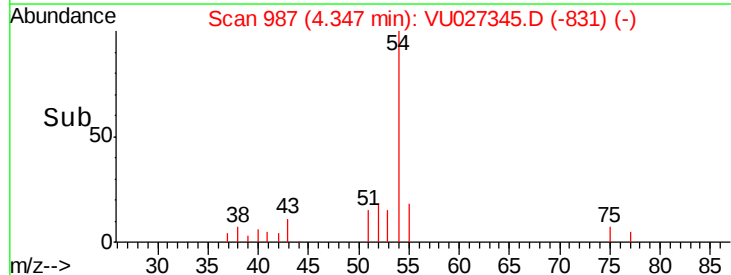
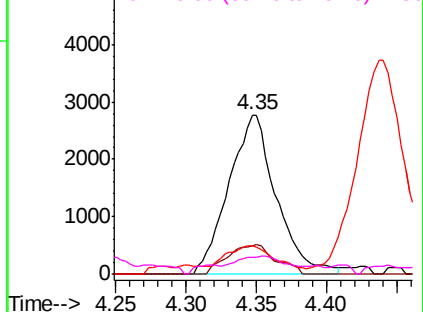


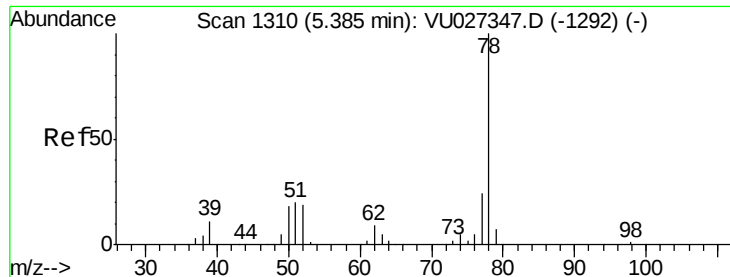
#34
Propionitrile
Concen: 13.212 ug/l
RT: 4.35 min Scan# 987
Delta R.T. 0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

Tgt Ion: 54 Resp: 6511
Ion Ratio Lower Upper
54 100
52 18.3 16.9 25.3
55 13.5 13.9 20.9#
40 7.4 5.4 8.0



Abundance Ion 54.00 (53.70 to 54.70): VU0
Ion 52.00 (51.70 to 52.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 40.00 (39.70 to 40.70): VU0





#35

Benzene

Concen: 2.229 ug/l

RT: 5.39 min Scan# 1310

Delta R.T. -0.00 min

Lab File: VU027345.D

Acq: 02 Oct 2018 16:07

Instrument :

BNA_G

ClientSampleId :

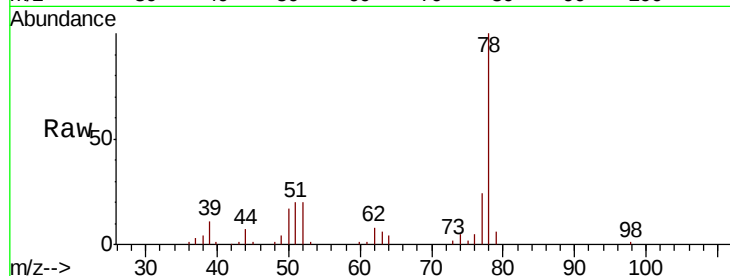
VSTDIC002

Tgt Ion: 78 Resp: 51448

Ion Ratio Lower Upper

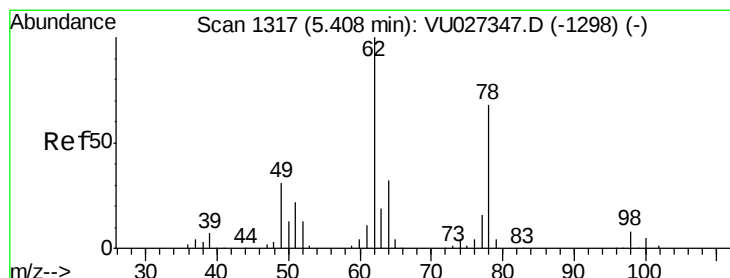
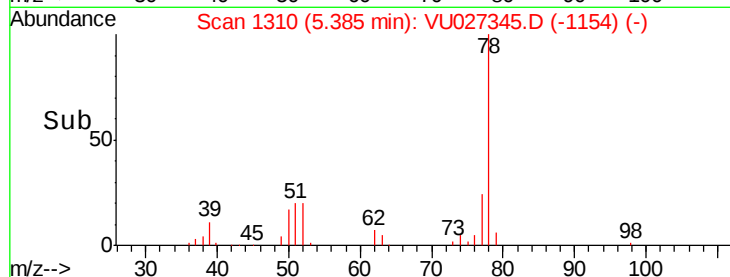
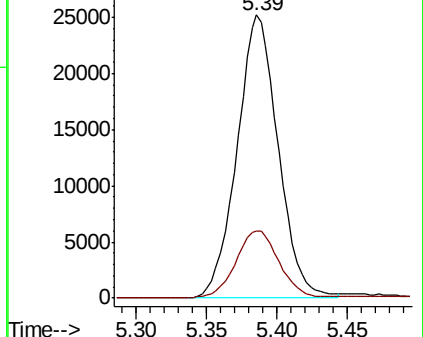
78 100

77 23.9 19.5 29.3



Abundance Ion 78.10 (77.80 to 78.80): VU027345.D (-1154) (-)

Ion 77.00 (76.70 to 77.70): VU027345.D (-1154) (-)



#36

1,2-Dichloroethane

Concen: 2.614 ug/l

RT: 5.41 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VU027345.D

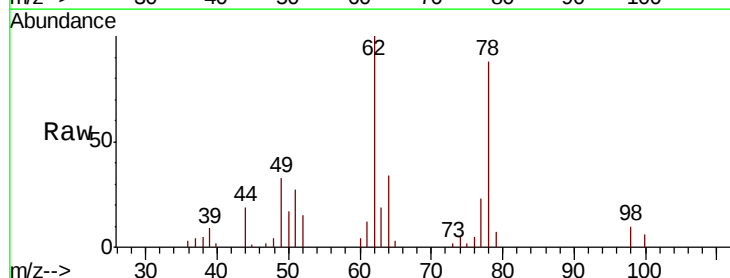
Acq: 02 Oct 2018 16:07

Tgt Ion: 62 Resp: 17394

Ion Ratio Lower Upper

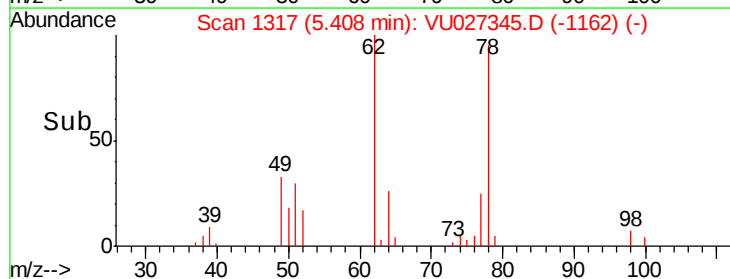
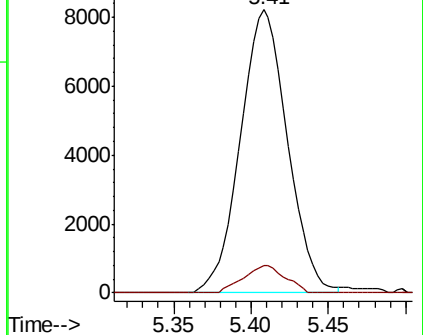
62 100

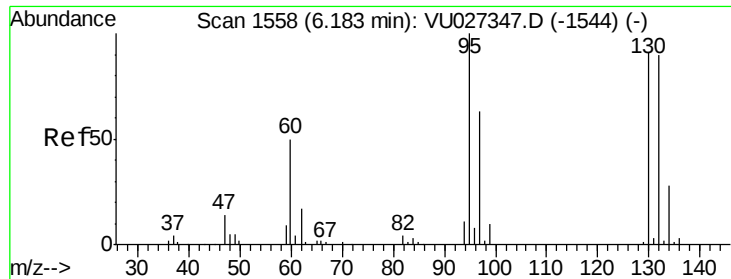
98 8.6 6.2 9.2



Abundance Ion 62.00 (61.70 to 62.70): VU027345.D (-1162) (-)

Ion 98.00 (97.70 to 98.70): VU027345.D (-1162) (-)





#37

Trichloroethene

Concen: 1.937 ug/l

RT: 6.18 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VU027345.D

Acq: 02 Oct 2018 16:07

Instrument :

BNA_G

ClientSampleId :

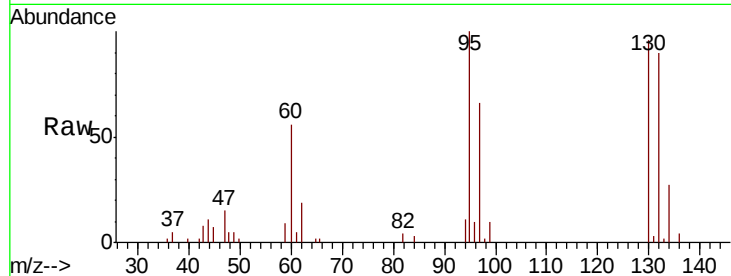
VSTDIC002

Tgt Ion:130 Resp: 11815

Ion Ratio Lower Upper

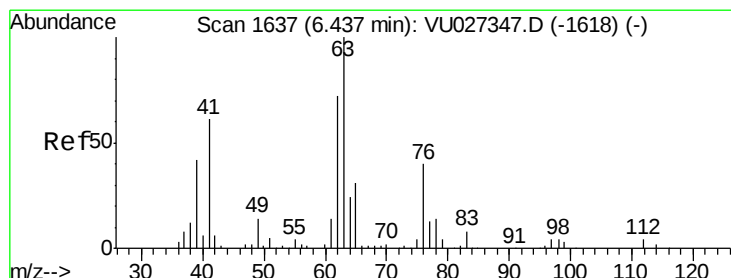
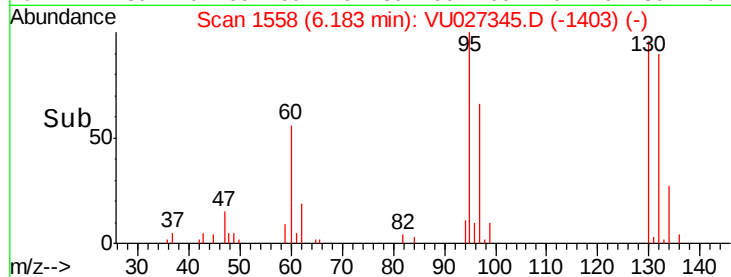
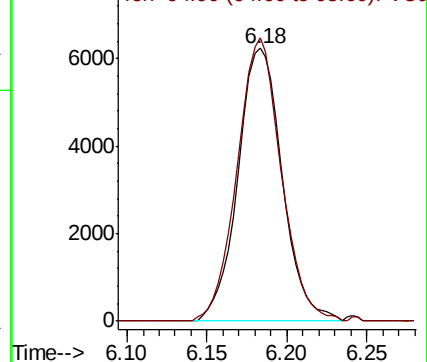
130 100

95 103.7 87.6 131.4



Abundance Ion 129.90 (129.60 to 130.60): VU027347.D (-1544) (-)

Ion 94.90 (94.60 to 95.60): VU027347.D (-1544) (-)



#38

1,2-Dichloropropane

Concen: 2.525 ug/l

RT: 6.44 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VU027345.D

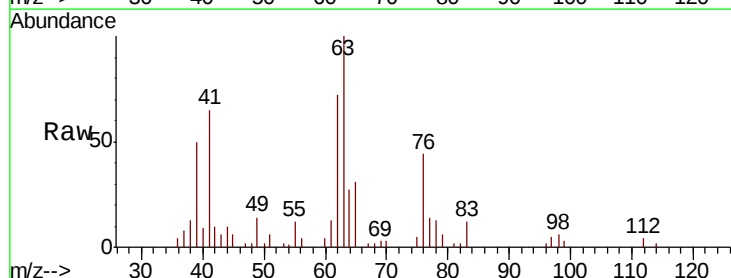
Acq: 02 Oct 2018 16:07

Tgt Ion: 63 Resp: 15513

Ion Ratio Lower Upper

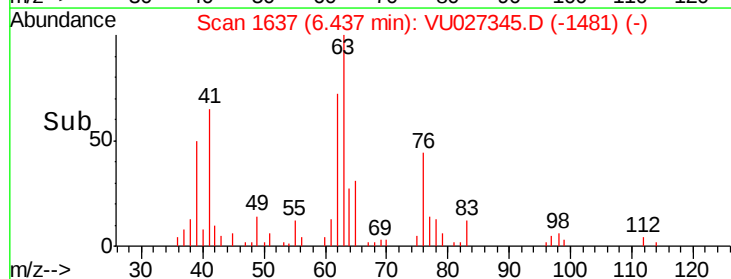
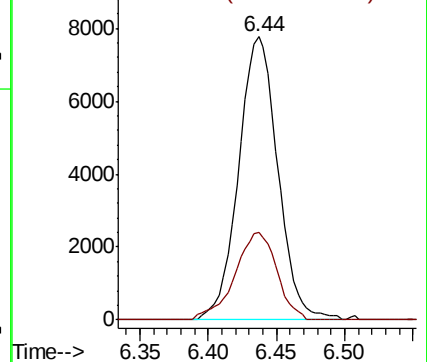
63 100

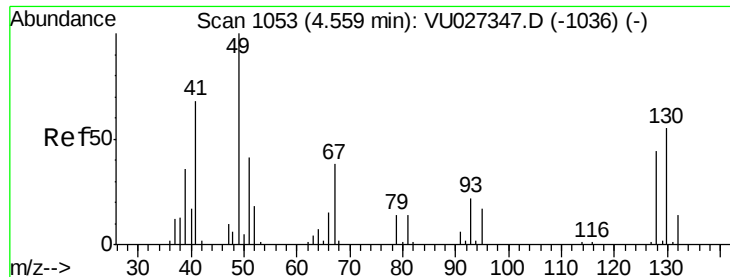
65 30.8 24.9 37.3



Abundance Ion 63.00 (62.70 to 63.70): VU027347.D (-1618) (-)

Ion 65.00 (64.70 to 65.70): VU027347.D (-1618) (-)

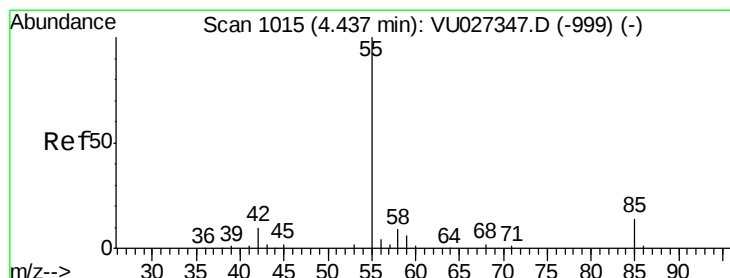
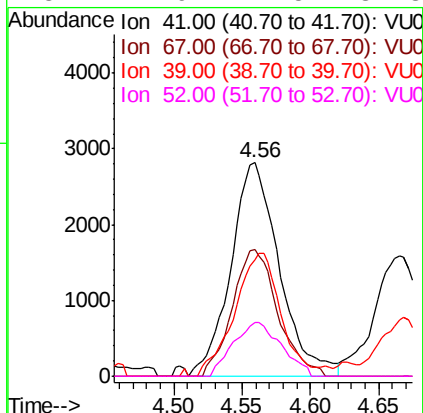
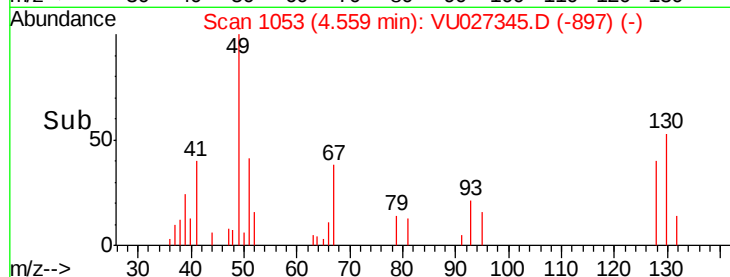
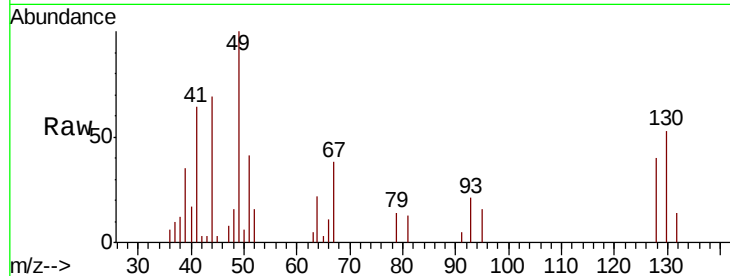




#39
Methacrylonitrile
Concen: 3.183 ug/l
RT: 4.56 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

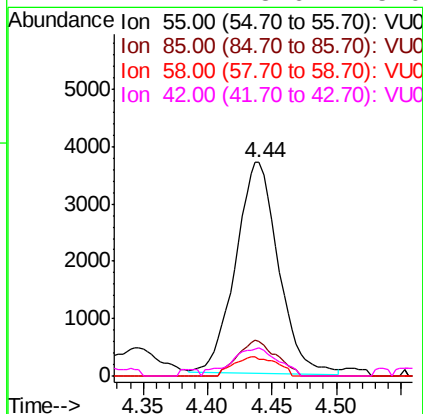
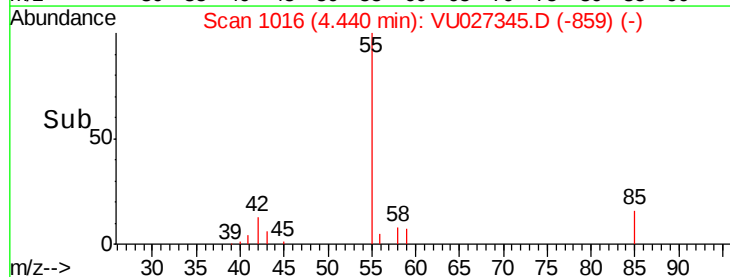
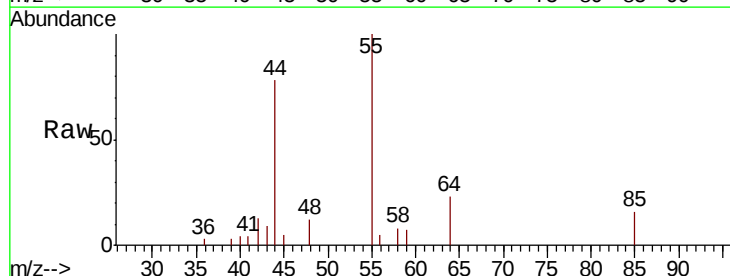
Instrument :
BNA_G
ClientSampleId :
VSTDIC002

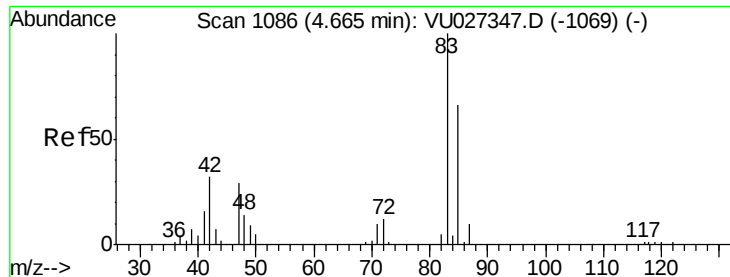
Tgt Ion:	41	Resp:	6965
Ion	Ratio	Lower	Upper
41	100		
67	55.8	46.2	69.2
39	54.6	43.8	65.6
52	24.9	21.5	32.3



#40
Methyl acrylate
Concen: 2.758 ug/l
RT: 4.44 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

Tgt Ion:	55	Resp:	8558
Ion	Ratio	Lower	Upper
55	100		
85	15.0	11.8	17.8
58	9.0	7.3	10.9
42	14.2	8.6	13.0#

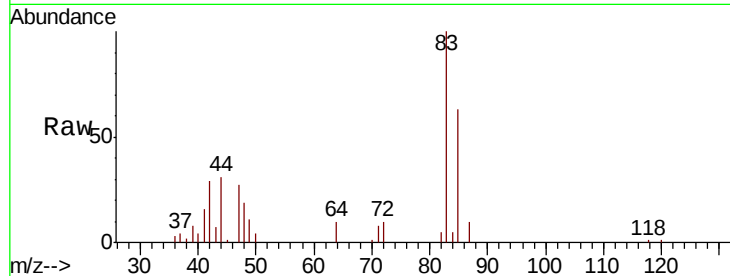




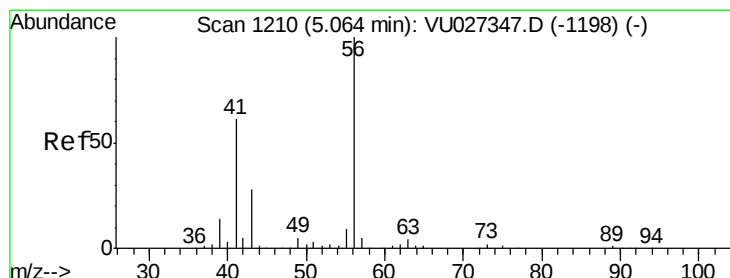
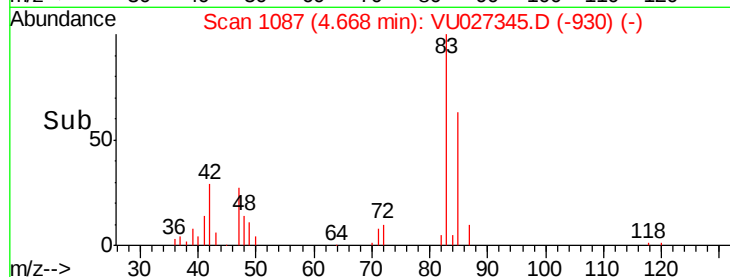
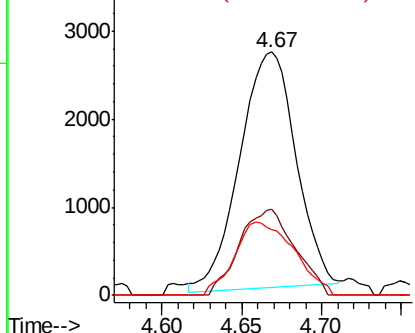
#41
Tetrahydrofuran
Concen: 5.422 ug/l
RT: 4.67 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

Instrument :
BNA_G
ClientSampleId :
VSTDIC002

Tgt Ion: 42 Resp: 6498
Ion Ratio Lower Upper
42 100
72 35.7 29.2 43.8
71 32.8 25.8 38.8

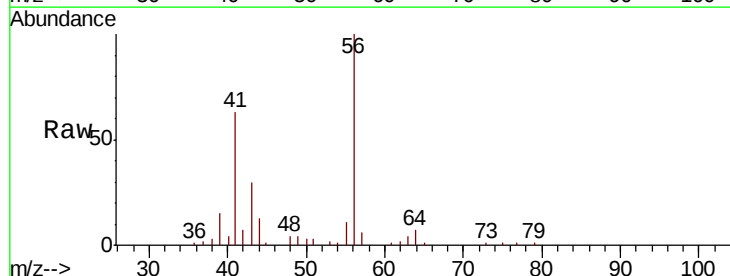


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

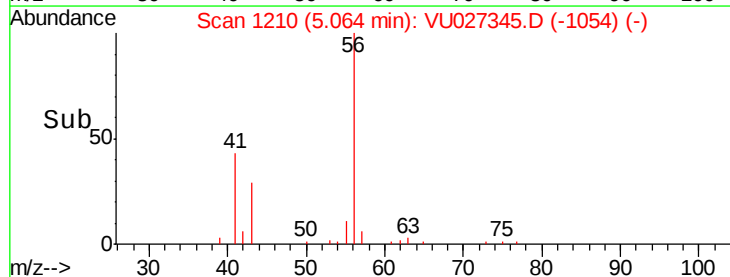
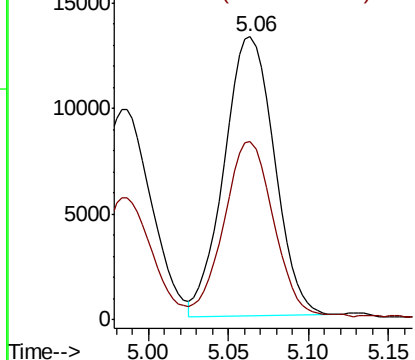


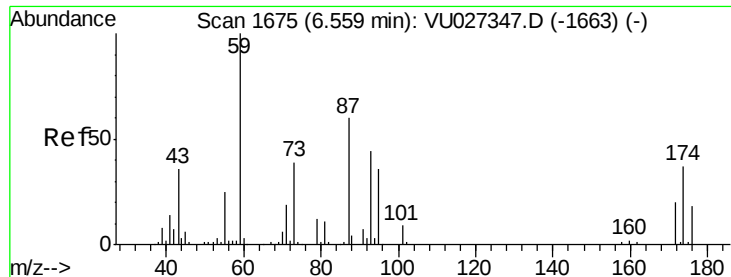
#42
1-Chlorobutane
Concen: 2.450 ug/l
RT: 5.06 min Scan# 1210
Delta R.T. -0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

Tgt Ion: 56 Resp: 28527
Ion Ratio Lower Upper
56 100
41 62.1 28.7 86.3



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 41.00 (40.70 to 41.70): VU0

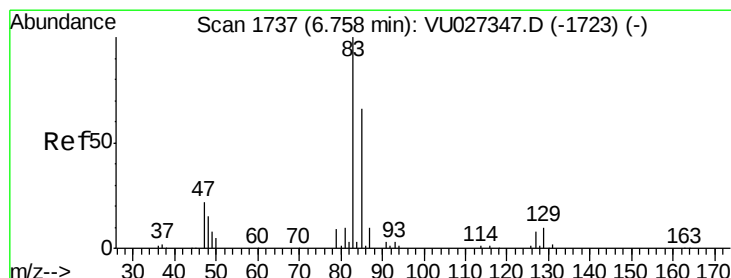
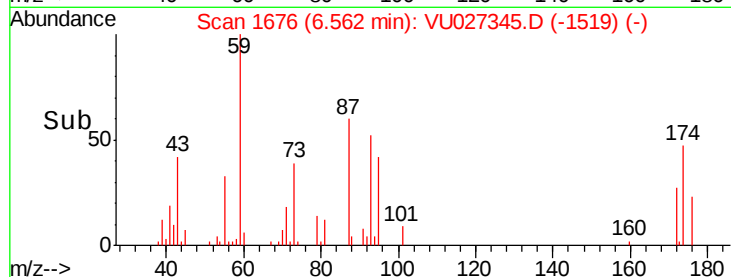
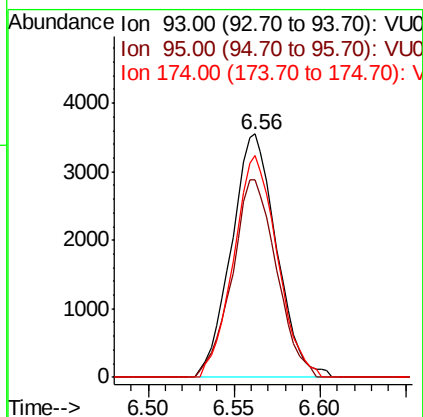
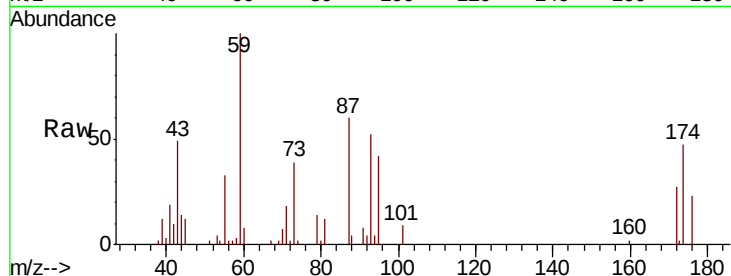




#43
Dibromomethane
Concen: 2.345 ug/l
RT: 6.56 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

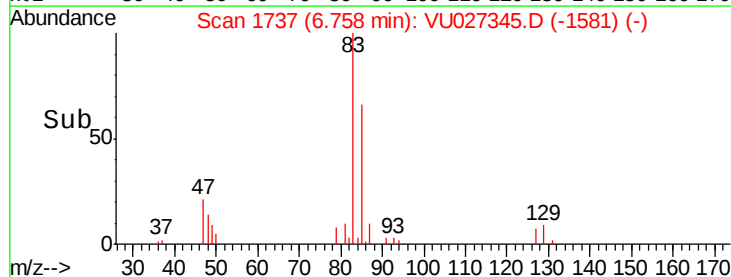
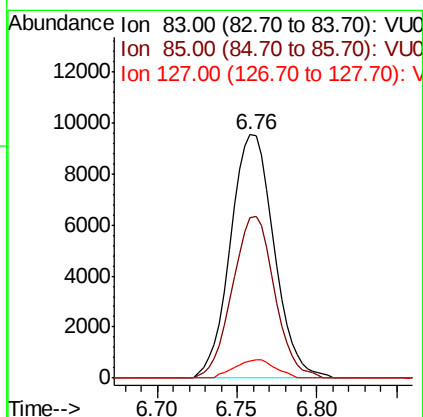
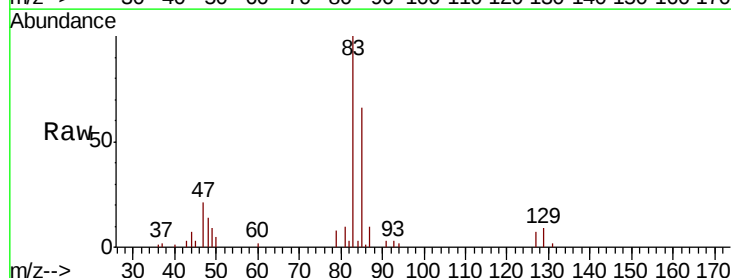
Instrument :
BNA_G
ClientSampleId :
VSTDIC002

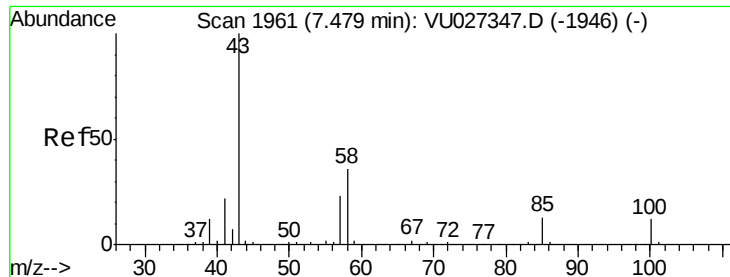
Tgt Ion: 93 Resp: 6465
Ion Ratio Lower Upper
93 100
95 79.7 64.7 97.1
174 87.9 68.2 102.4



#44
Bromodichloromethane
Concen: 2.639 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

Tgt Ion: 83 Resp: 17722
Ion Ratio Lower Upper
83 100
85 65.8 52.6 79.0
127 6.9 6.2 9.2

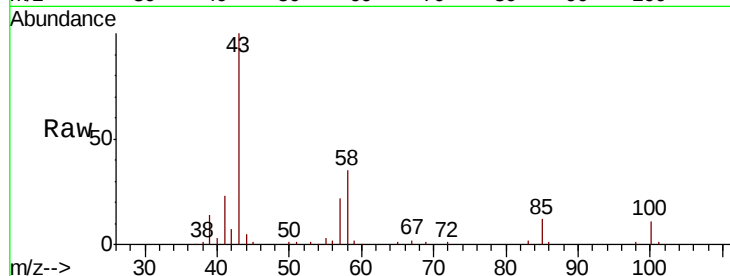




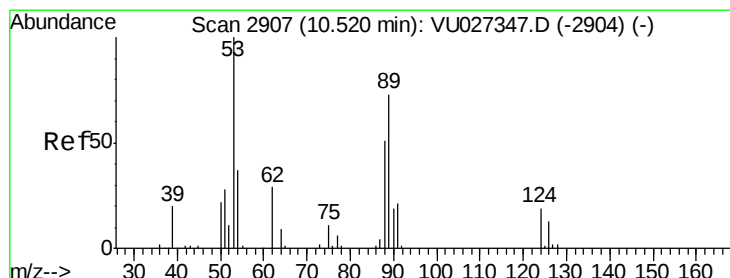
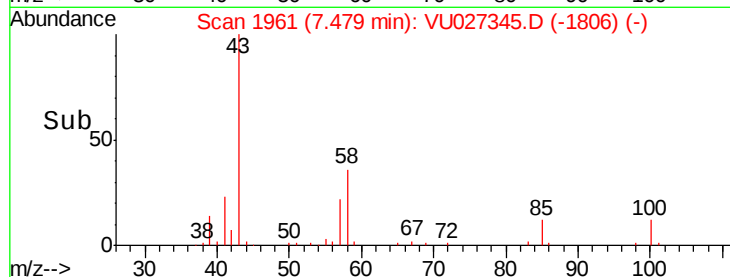
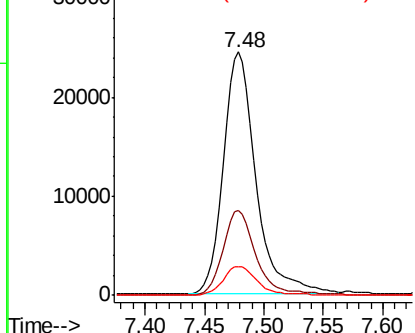
#45
4-Methyl-2-Pentanone
Concen: 11.792 ug/l
RT: 7.48 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

Instrument :
BNA_G
ClientSampleId :
VSTDIC002

Tgt Ion: 43 Resp: 46568
Ion Ratio Lower Upper
43 100
58 35.6 17.9 53.8
85 12.4 10.6 16.0

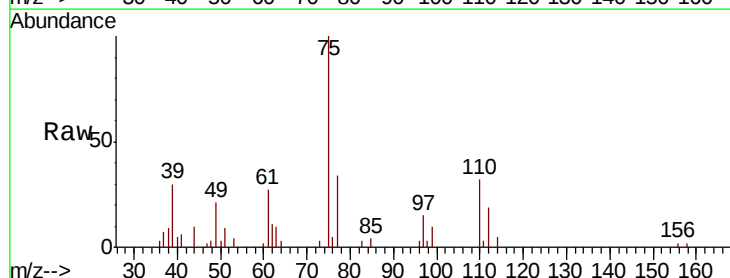


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

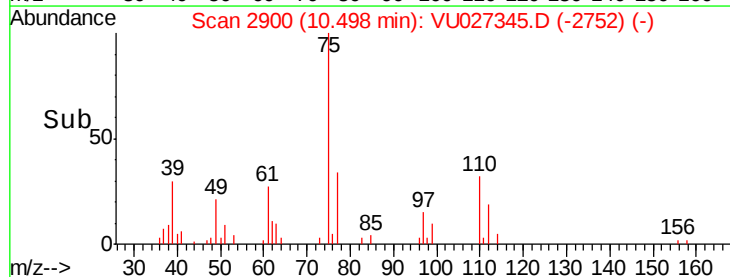
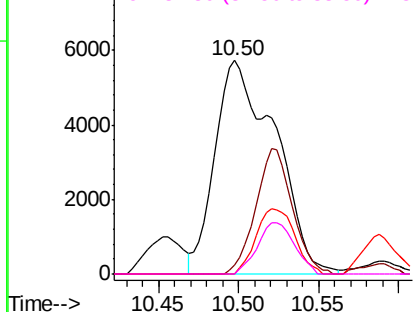


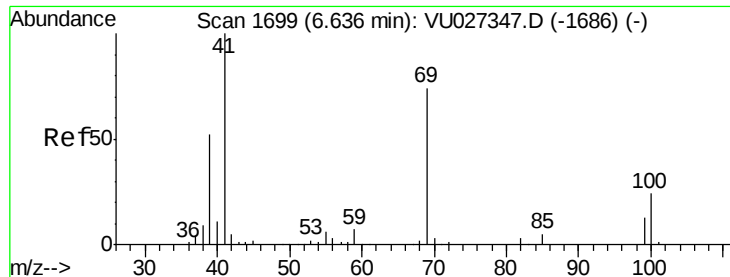
#46
t-1,4-Dichloro-2-butene
Concen: 14.269 ug/l
RT: 10.50 min Scan# 2900
Delta R.T. -0.02 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

Tgt Ion: 75 Resp: 14834
Ion Ratio Lower Upper
75 100
53 35.7 75.7 113.5#
89 19.7 42.6 64.0#
88 14.8 33.9 50.9#



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.80 (88.50 to 89.50): VU0
Ion 87.80 (87.50 to 88.50): VU0

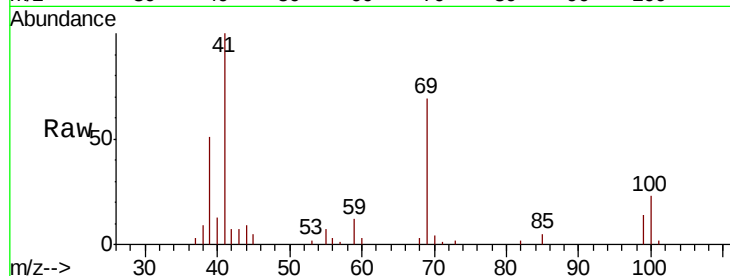




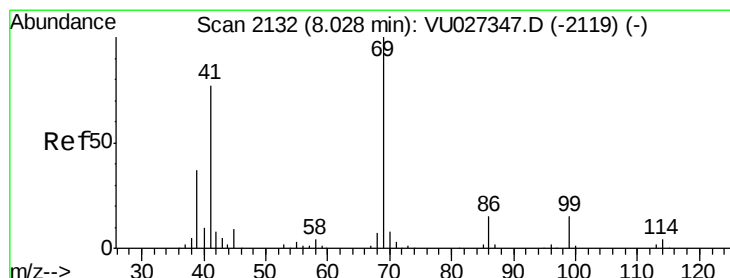
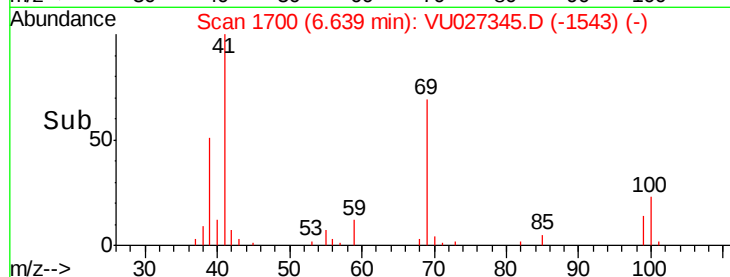
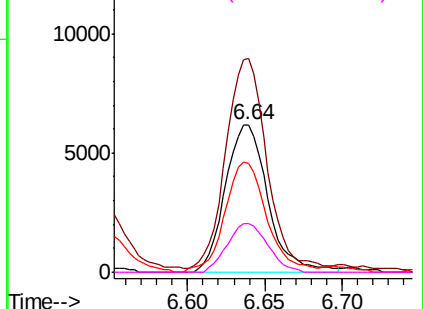
#47
Methyl methacrylate
Concen: 4.316 ug/l
RT: 6.64 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

Instrument :
BNA_G
ClientSampleId :
VSTDIC002

Tgt Ion: 69 Resp: 11841
Ion Ratio Lower Upper
69 100
41 134.8 0.0 272.2
39 73.2 56.4 84.6
100 31.1 26.5 39.7

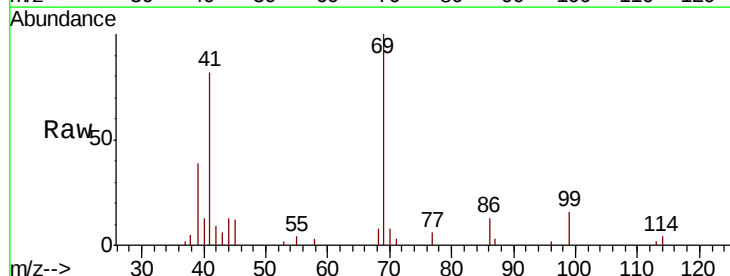


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

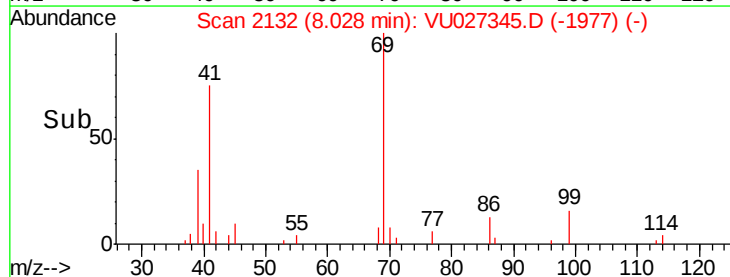
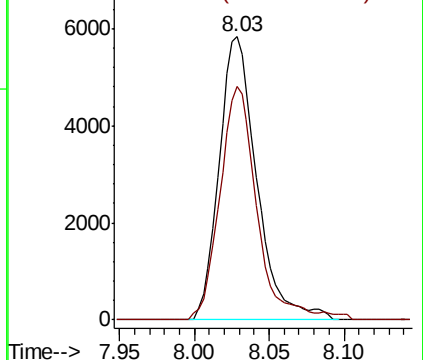


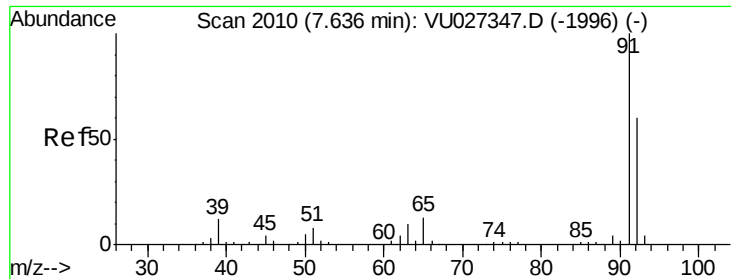
#48
Ethyl methacrylate
Concen: 2.017 ug/l
RT: 8.03 min Scan# 2132
Delta R.T. -0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

Tgt Ion: 69 Resp: 10224
Ion Ratio Lower Upper
69 100
41 81.4 38.9 116.7



Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 1.983 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU027345.D

Acq: 02 Oct 2018 16:07

Instrument :

BNA_G

ClientSampleId :

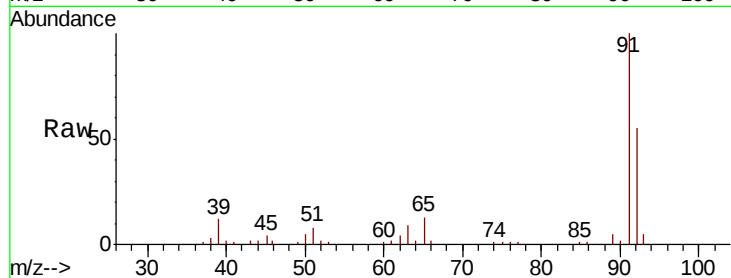
VSTDIC002

Tgt Ion: 92 Resp: 26899

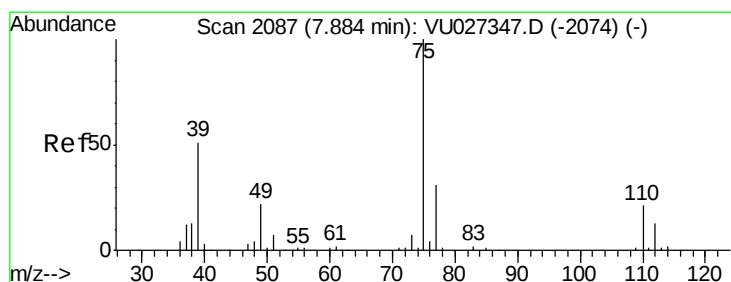
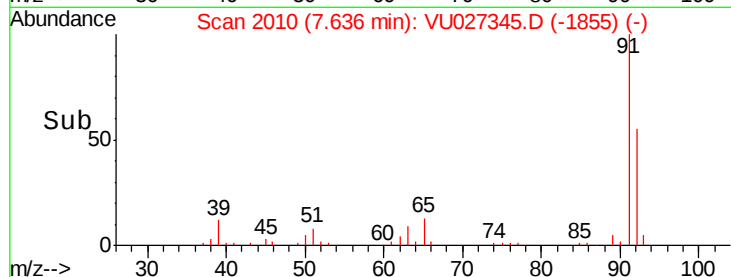
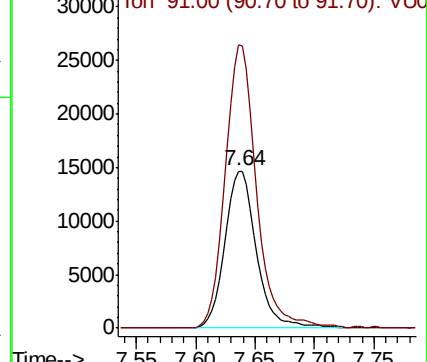
Ion Ratio Lower Upper

92 100

91 179.1 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU027345.D (-1855) (-)



#50

t-1,3-Dichloropropene

Concen: 2.584 ug/l

RT: 7.88 min Scan# 2087

Delta R.T. -0.00 min

Lab File: VU027345.D

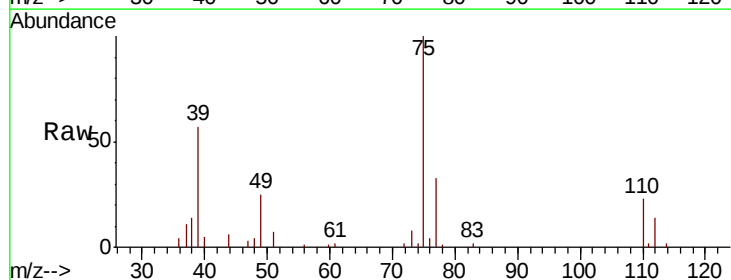
Acq: 02 Oct 2018 16:07

Tgt Ion: 75 Resp: 15022

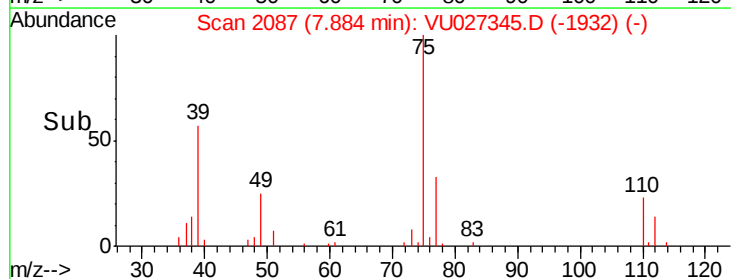
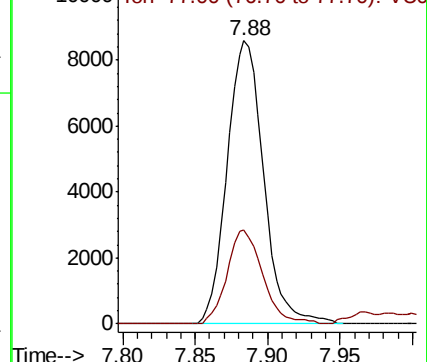
Ion Ratio Lower Upper

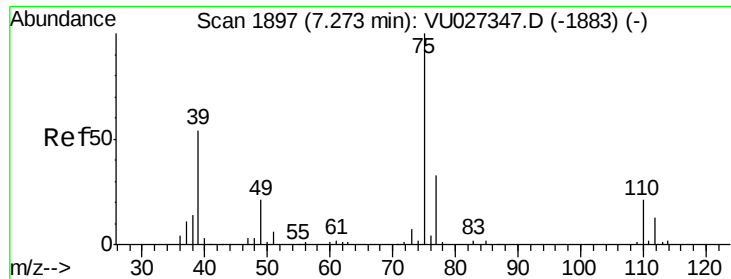
75 100

77 33.1 24.6 36.8



Abundance Ion 75.00 (74.70 to 75.70): VU027345.D (-1932) (-)



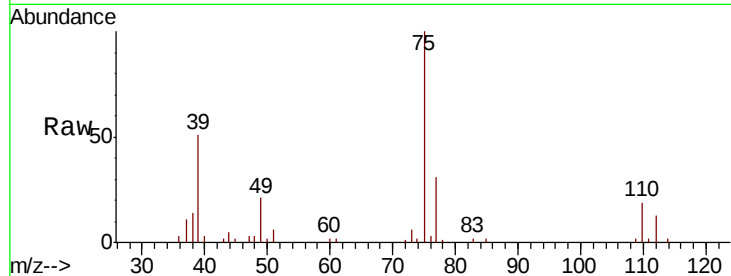


#51

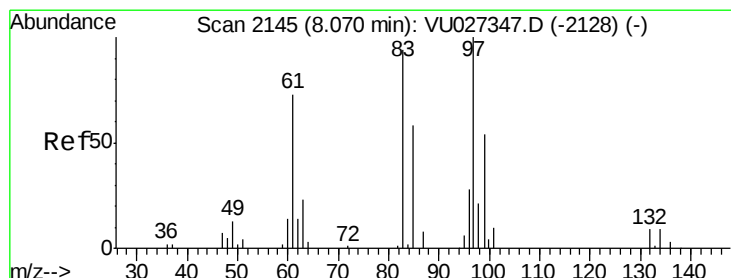
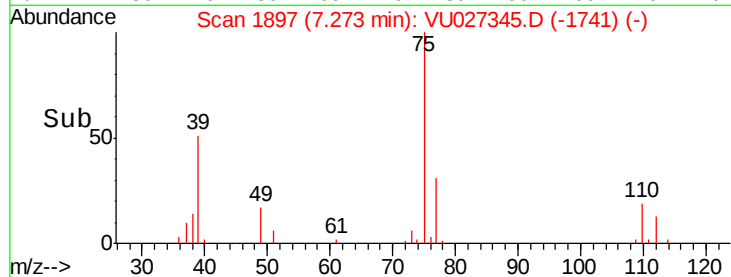
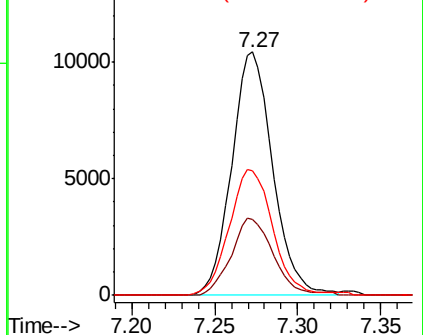
cis-1,3-Dichloropropene
 Concen: 2.452 ug/l
 RT: 7.27 min Scan# 1897
 Delta R.T. -0.00 min
 Lab File: VU027345.D
 Acq: 02 Oct 2018 16:07

Instrument :
 BNA_G
 ClientSampleId :
 VSTDIC002

Tgt Ion:	75	Resp:	18017
Ion	Ratio	Lower	Upper
75	100		
77	31.3	26.1	39.1
39	51.4	43.1	64.7



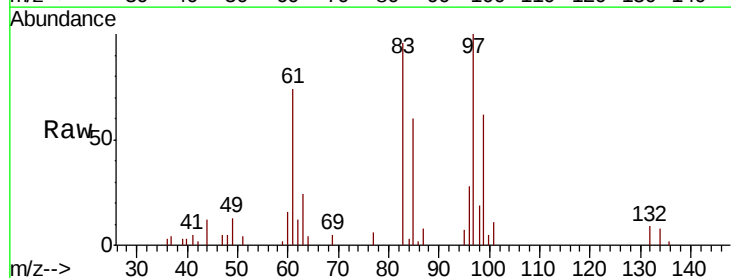
Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0



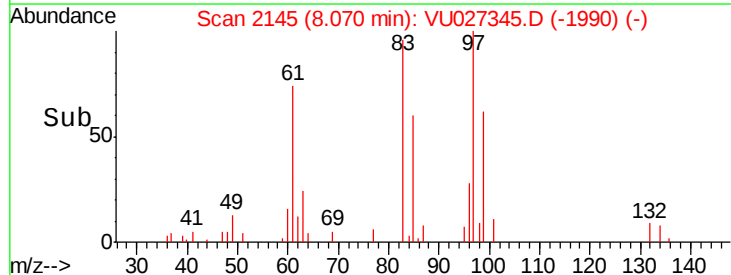
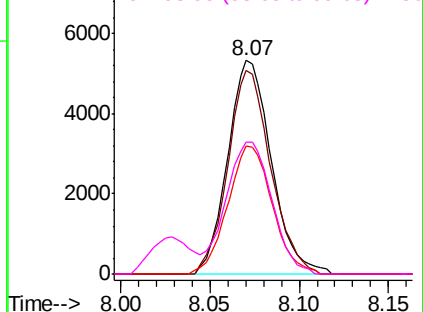
#52

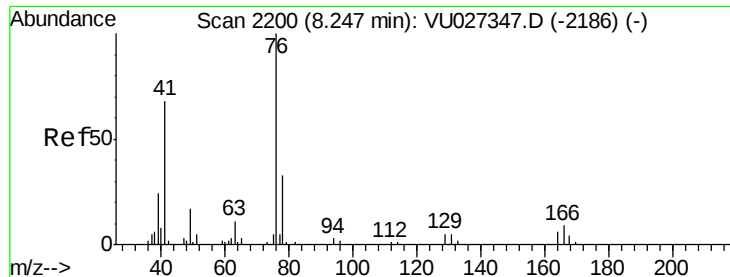
1,1,2-Trichloroethane
 Concen: 2.209 ug/l
 RT: 8.07 min Scan# 2145
 Delta R.T. -0.00 min
 Lab File: VU027345.D
 Acq: 02 Oct 2018 16:07

Tgt Ion:	97	Resp:	9044
Ion	Ratio	Lower	Upper
97	100		
83	95.5	75.3	112.9
85	59.8	47.3	70.9
99	61.7	51.7	77.5



Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 84.95 (84.65 to 85.65): VU0
 Ion 98.95 (98.65 to 99.65): VU0

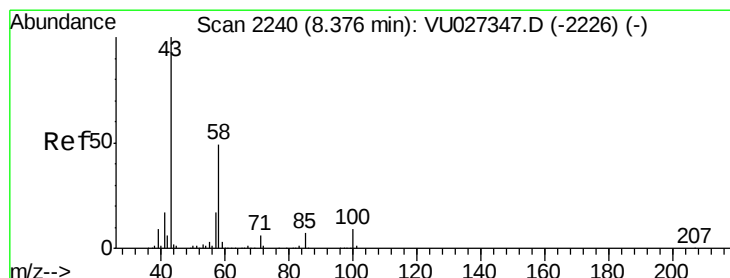
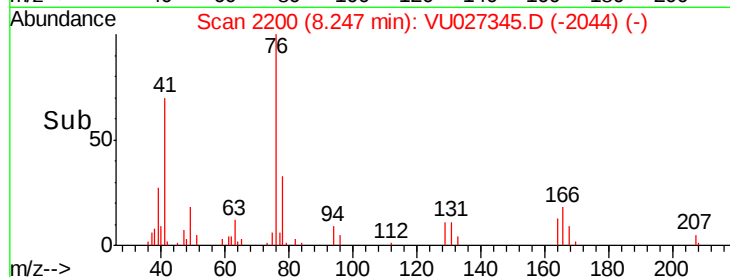
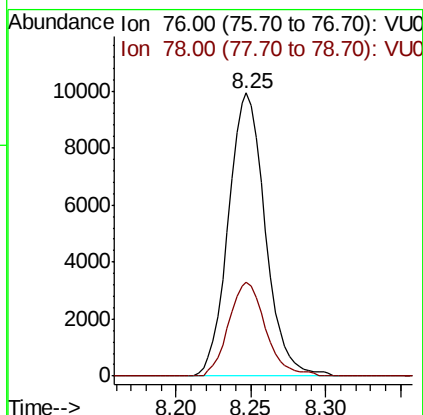
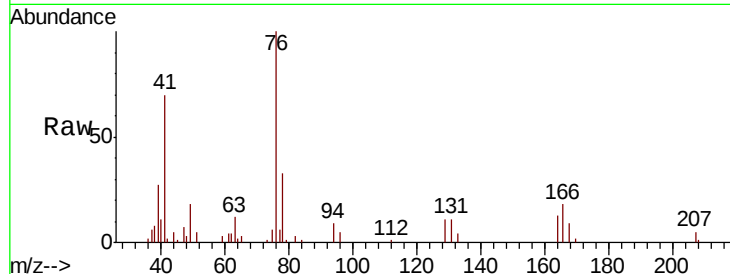




#53
 1,3-Dichloropropane
 Concen: 2.339 ug/l
 RT: 8.25 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: VU027345.D
 Acq: 02 Oct 2018 16:07

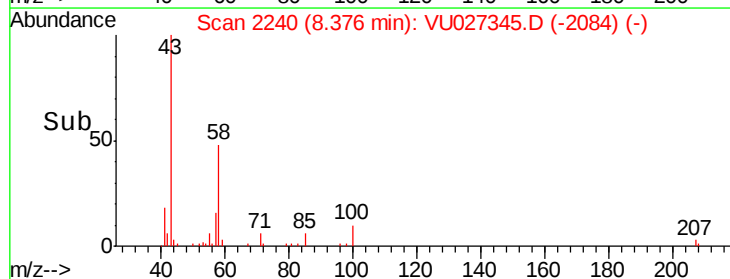
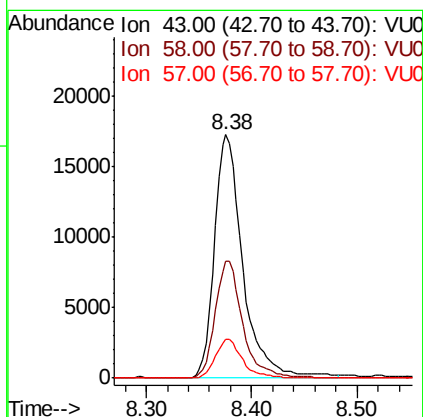
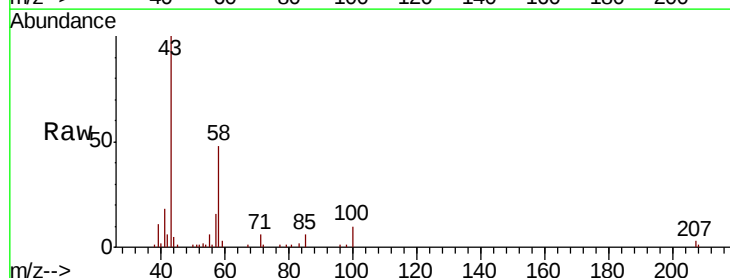
Instrument :
 BNA_G
 ClientSampleId :
 VSTDIC002

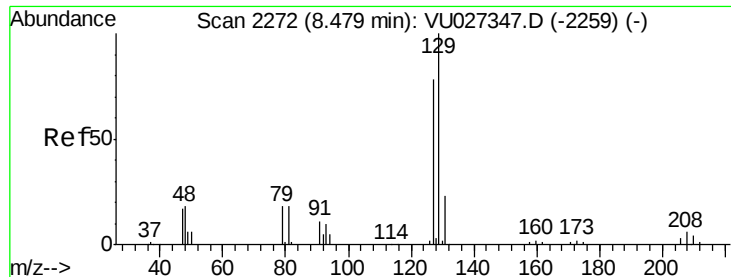
Tgt Ion: 76 Resp: 17046
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.7 38.5



#54
 2-Hexanone
 Concen: 11.858 ug/l
 RT: 8.38 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VU027345.D
 Acq: 02 Oct 2018 16:07

Tgt Ion: 43 Resp: 32364
 Ion Ratio Lower Upper
 43 100
 58 46.1 29.5 69.5
 57 15.0 0.0 37.0





#55

Dibromochloromethane

Concen: 2.575 ug/l

RT: 8.48 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VU027345.D

Acq: 02 Oct 2018 16:07

Instrument :

BNA_G

ClientSampleId :

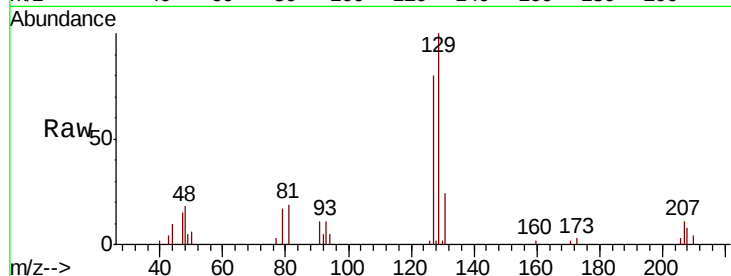
VSTDIC002

Tgt Ion:129 Resp: 10311

Ion Ratio Lower Upper

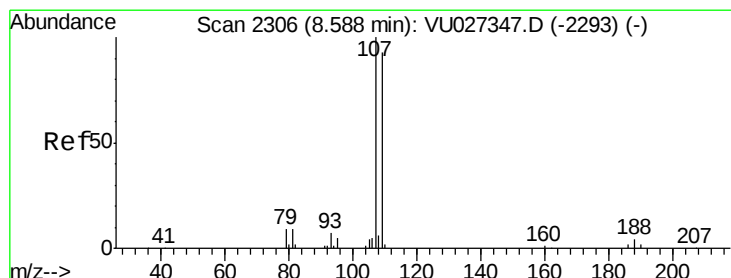
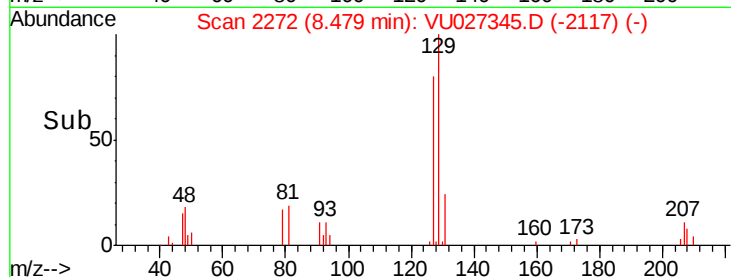
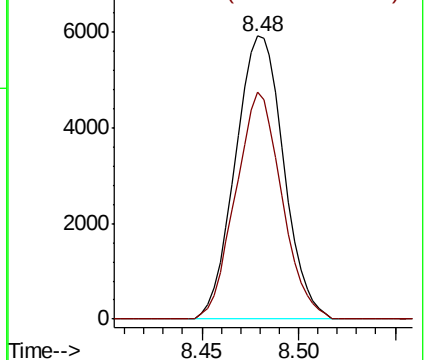
129 100

127 76.8 61.8 92.8



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 2.211 ug/l

RT: 8.59 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VU027345.D

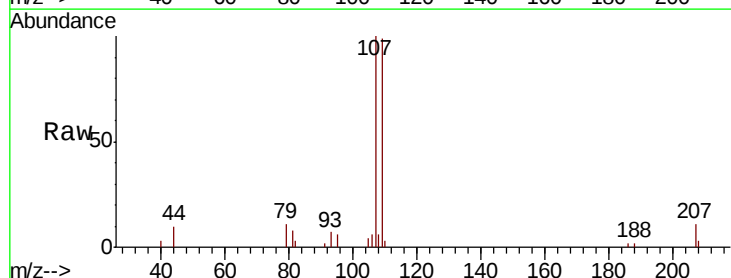
Acq: 02 Oct 2018 16:07

Tgt Ion:107 Resp: 8094

Ion Ratio Lower Upper

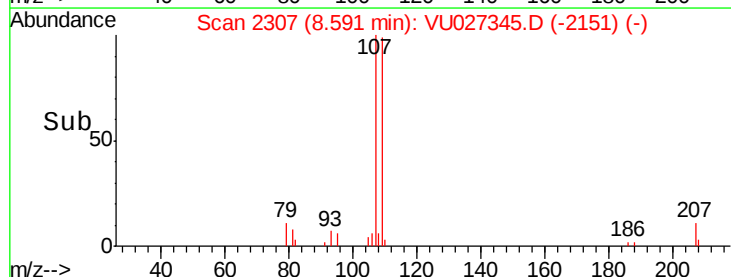
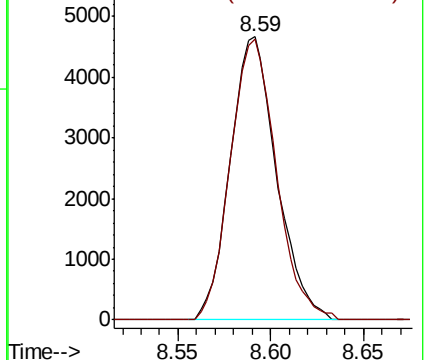
107 100

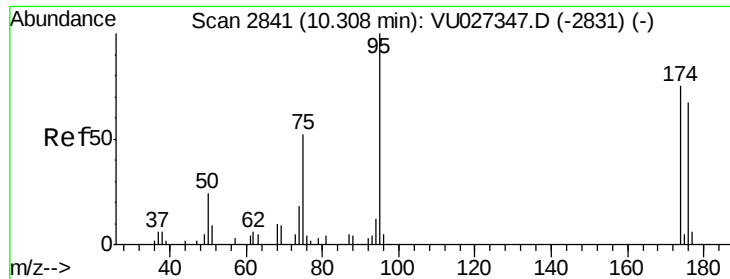
109 98.4 0.0 191.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

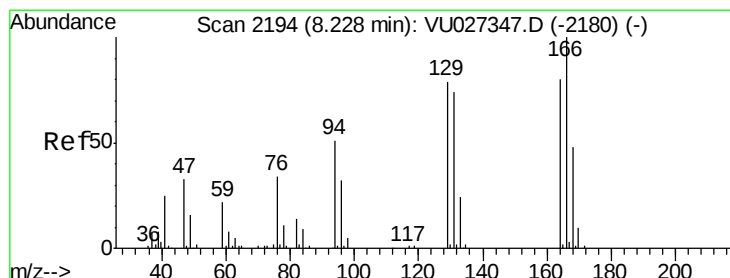
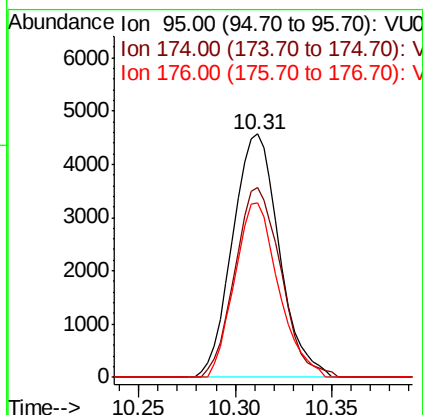
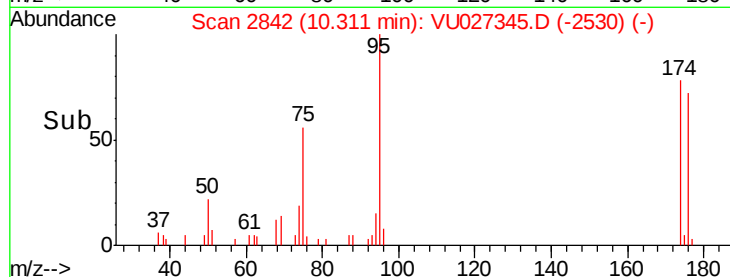
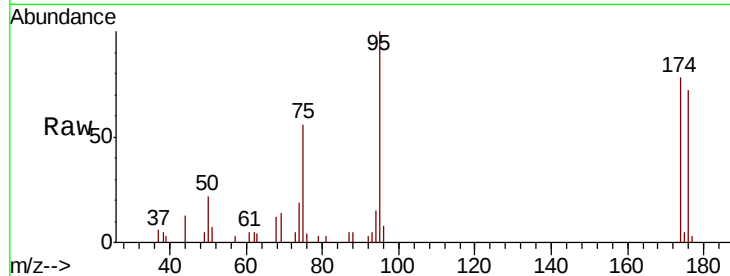




#57
4-Bromofluorobenzene
Concen: 2.211 ug/l
RT: 10.31 min Scan# 2842
Delta R.T. 0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

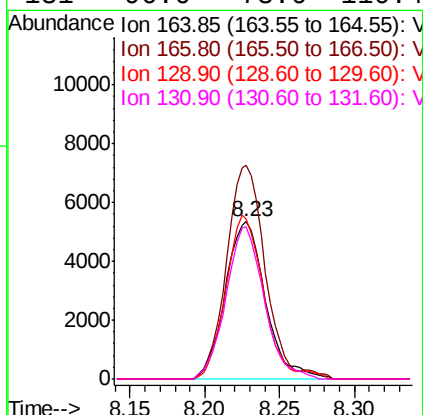
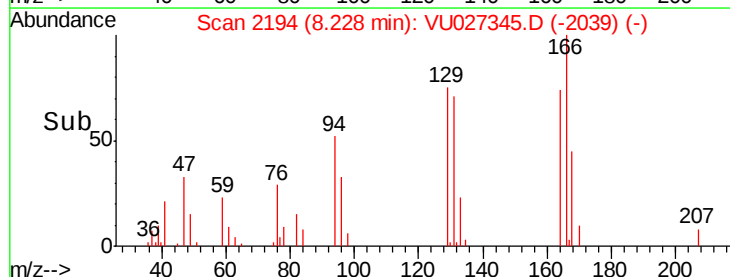
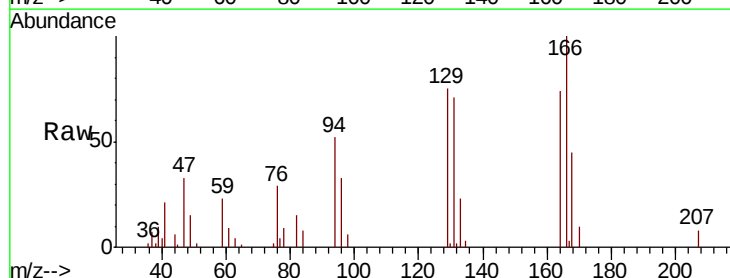
Instrument :
BNA_G
ClientSampleId :
VSTDIC002

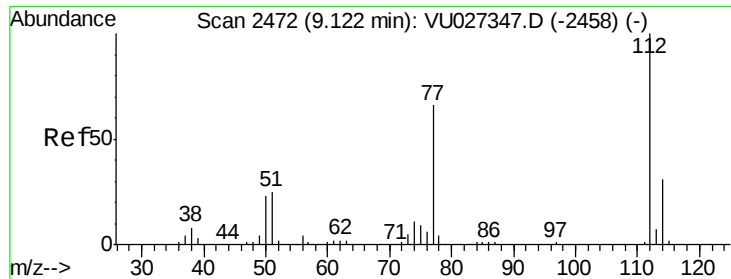
Tgt Ion: 95 Resp: 7664
Ion Ratio Lower Upper
95 100
174 77.2 61.0 91.6
176 67.5 57.2 85.8



#58
Tetrachloroethene
Concen: 1.557 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

Tgt Ion: 164 Resp: 10032
Ion Ratio Lower Upper
164 100
166 135.9 99.9 149.9
129 102.2 78.6 117.8
131 96.6 73.6 110.4

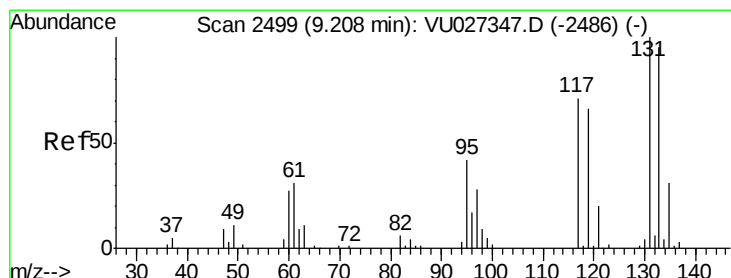
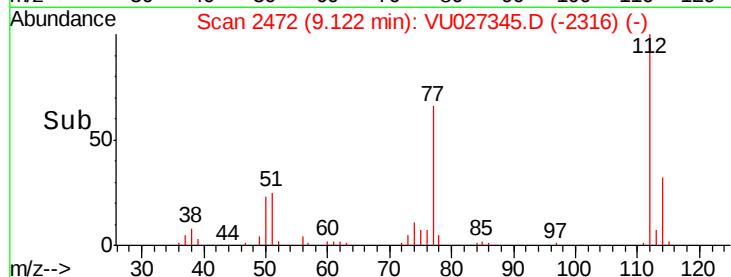
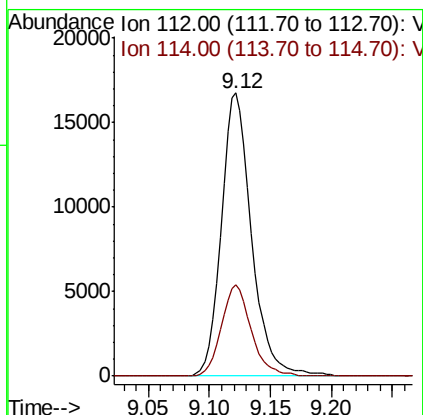
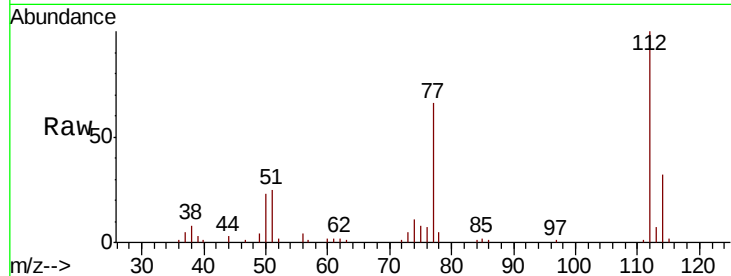




#59
Chlorobenzene
Concen: 2.004 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

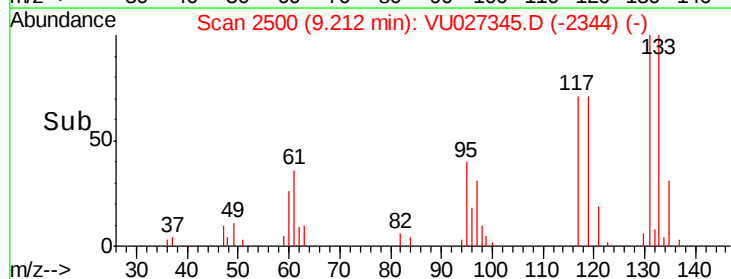
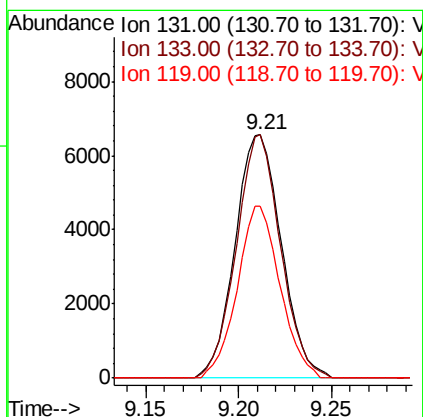
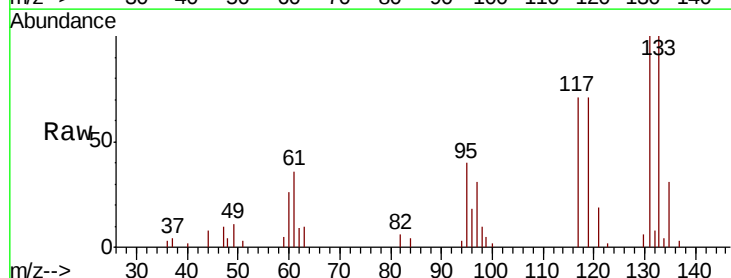
Instrument :
BNA_G
ClientSampleId :
VSTDIC002

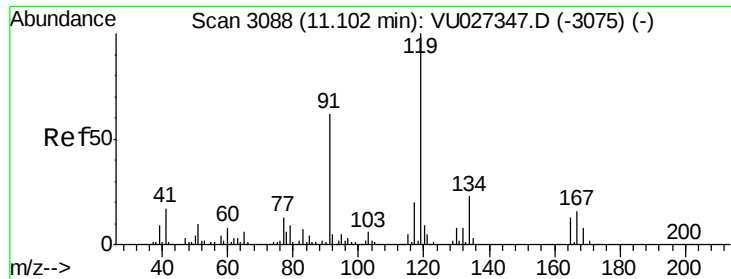
Tgt Ion:112 Resp: 29068
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.4



#60
1,1,1,2-Tetrachloroethane
Concen: 2.326 ug/l
RT: 9.21 min Scan# 2500
Delta R.T. 0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

Tgt Ion:131 Resp: 11409
Ion Ratio Lower Upper
131 100
133 95.7 77.1 115.7
119 65.0 53.6 80.4

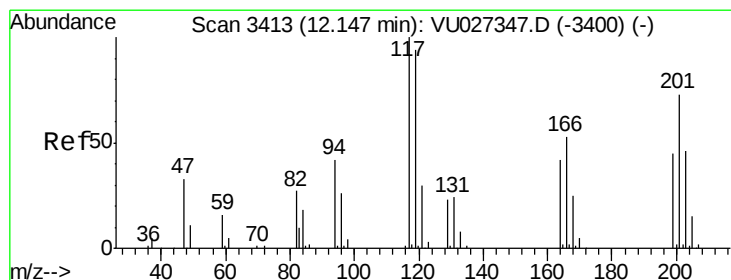
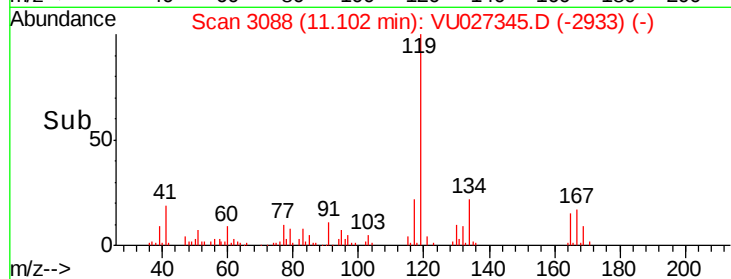
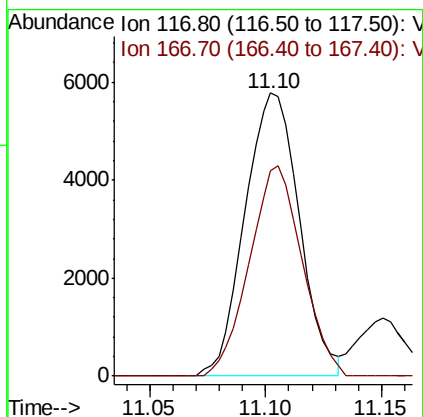
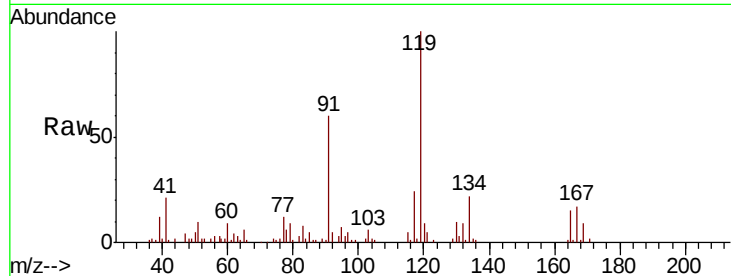




#61
 Pentachloroethane
 Concen: 2.897 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. -0.00 min
 Lab File: VU027345.D
 Acq: 02 Oct 2018 16:07

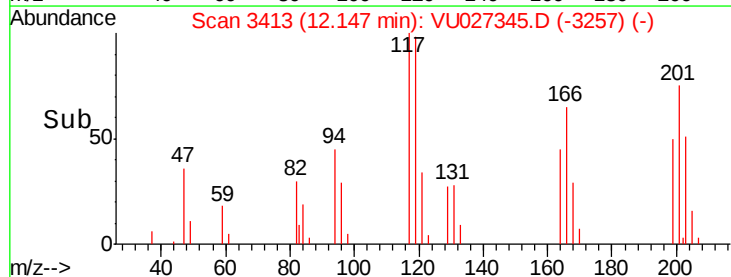
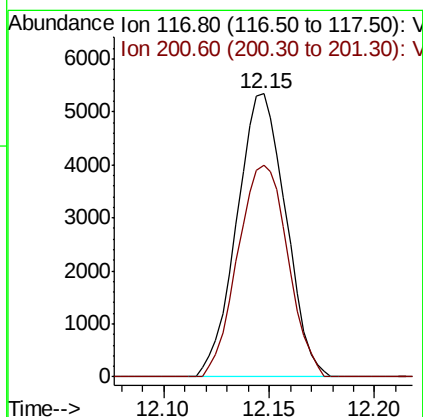
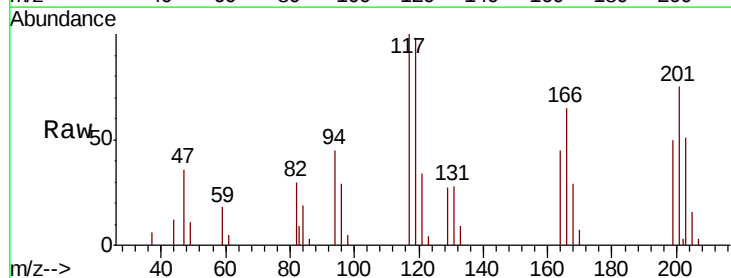
Instrument :
 BNA_G
 ClientSampleId :
 VSTDIC002

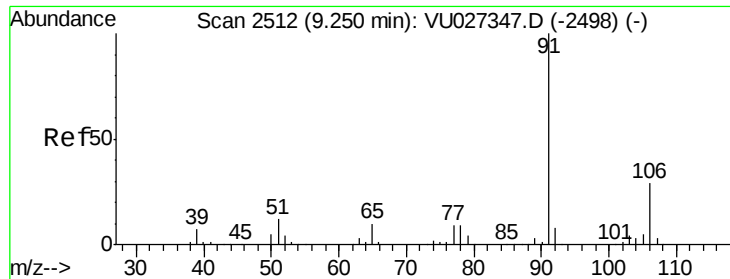
Tgt Ion:117 Resp: 9414
 Ion Ratio Lower Upper
 117 100
 167 72.1 62.6 93.8



#62
 Hexachloroethane
 Concen: 2.607 ug/l
 RT: 12.15 min Scan# 3413
 Delta R.T. -0.00 min
 Lab File: VU027345.D
 Acq: 02 Oct 2018 16:07

Tgt Ion:117 Resp: 8625
 Ion Ratio Lower Upper
 117 100
 201 76.5 59.3 88.9

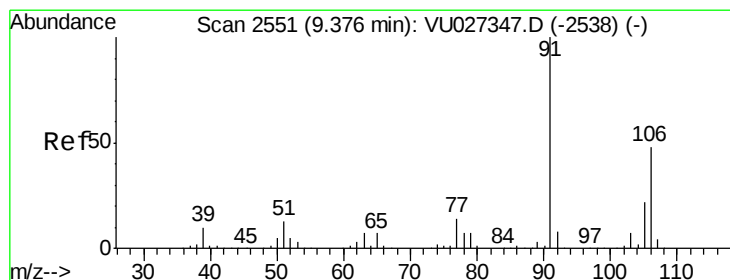
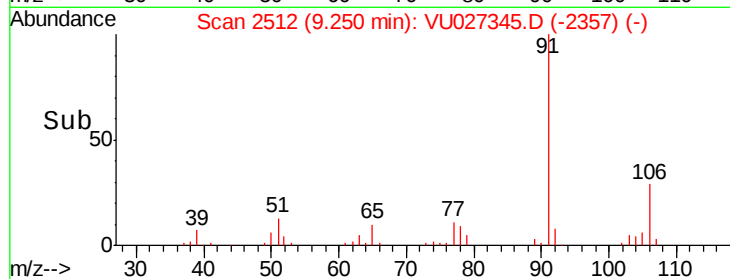
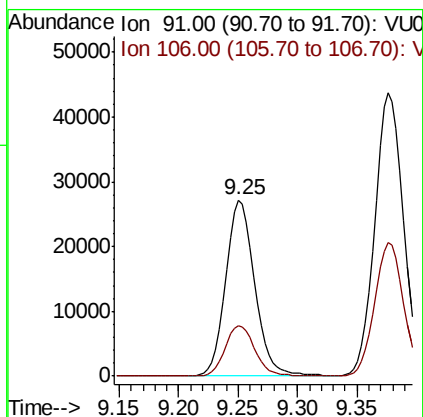
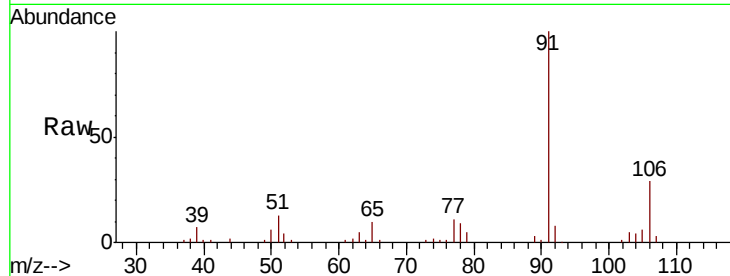




#63
Ethyl Benzene
Concen: 1.821 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

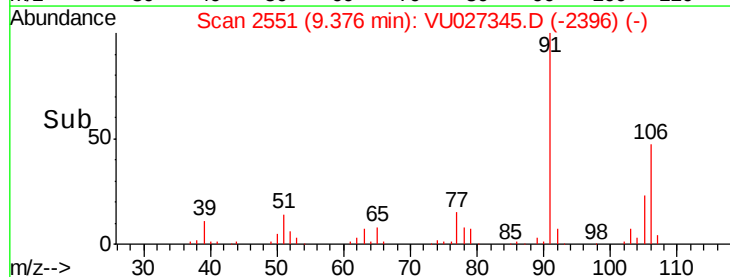
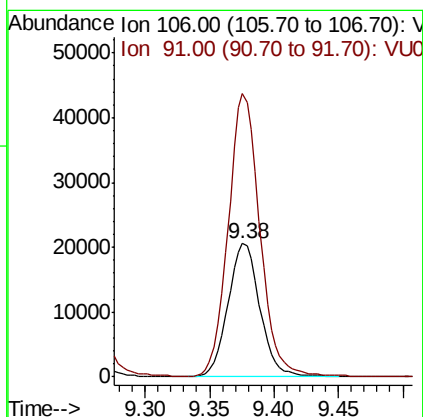
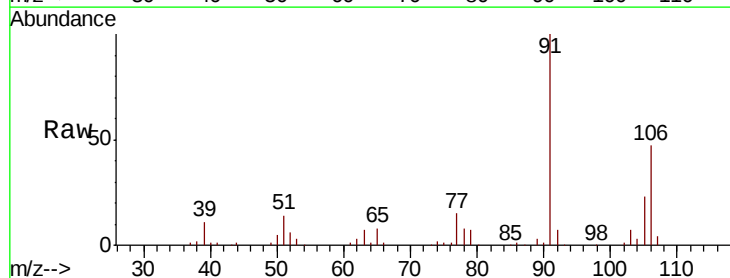
Instrument :
BNA_G
ClientSampleId :
VSTDIC002

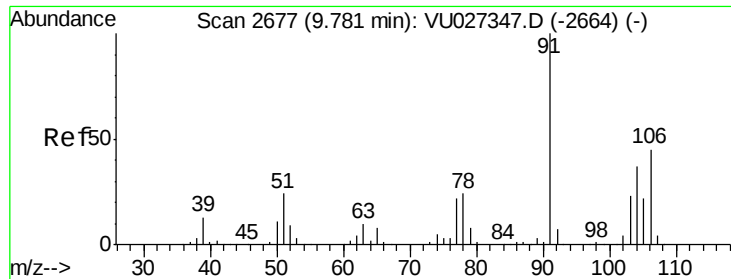
Tgt Ion: 91 Resp: 46139
Ion Ratio Lower Upper
91 100
106 28.6 23.6 35.4



#64
m/p-Xylenes
Concen: 3.680 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

Tgt Ion: 106 Resp: 35434
Ion Ratio Lower Upper
106 100
91 209.1 169.8 254.8

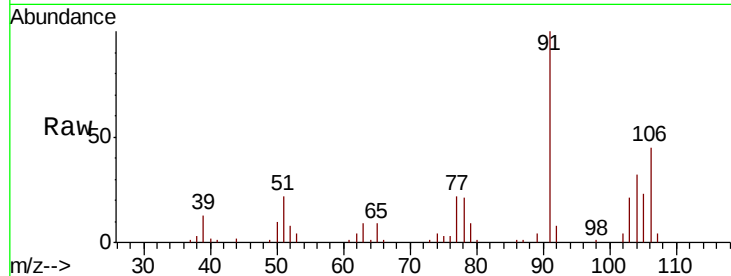




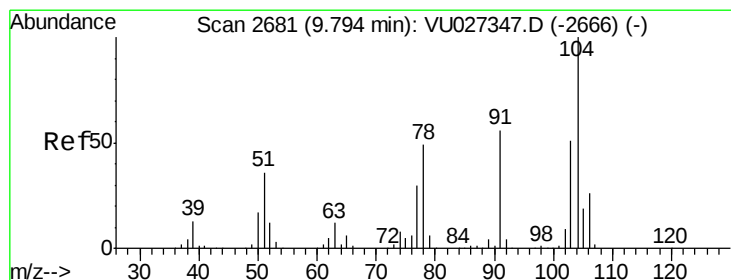
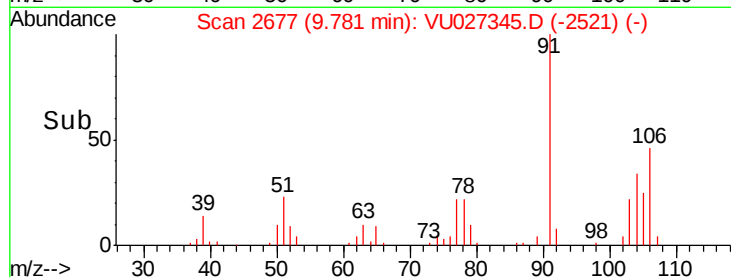
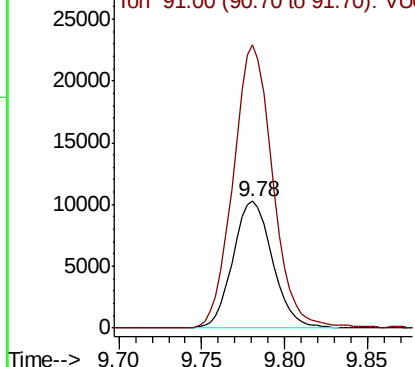
#65
o-Xylene
Concen: 1.835 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

Instrument :
BNA_G
ClientSampleId :
VSTDIC002

Tgt Ion:106 Resp: 17066
Ion Ratio Lower Upper
106 100
91 223.6 111.1 333.2

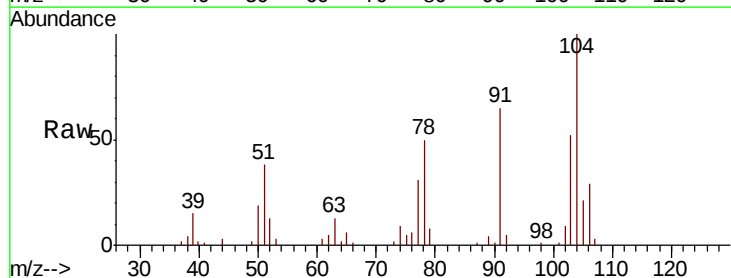


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

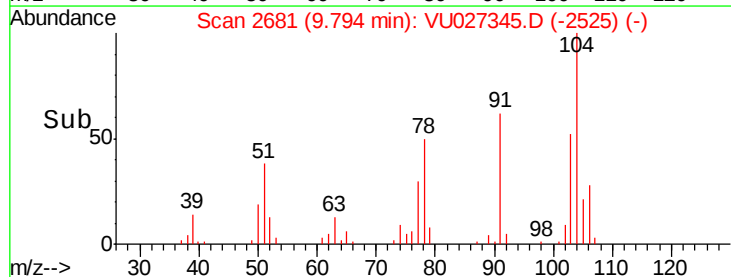
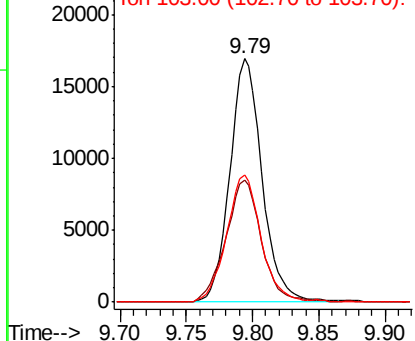


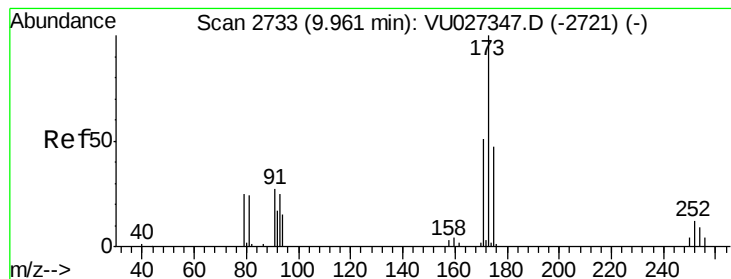
#66
Styrene
Concen: 1.848 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

Tgt Ion:104 Resp: 28672
Ion Ratio Lower Upper
104 100
78 55.0 43.1 64.7
103 55.3 43.8 65.8



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





#67

Bromoform

Concen: 2.326 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU027345.D

Acq: 02 Oct 2018 16:07

Instrument :

BNA_G

ClientSampleId :

VSTDIC002

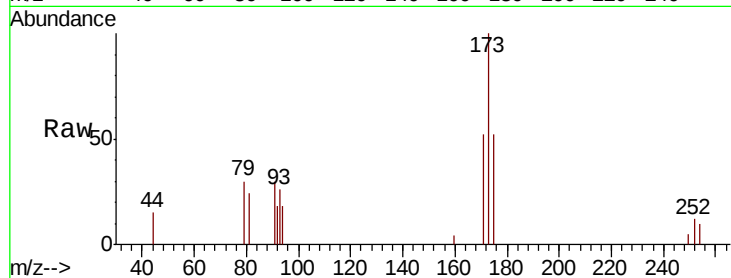
Tgt Ion:173 Resp: 5221

Ion Ratio Lower Upper

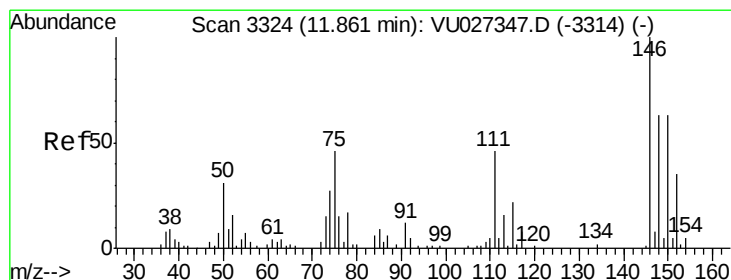
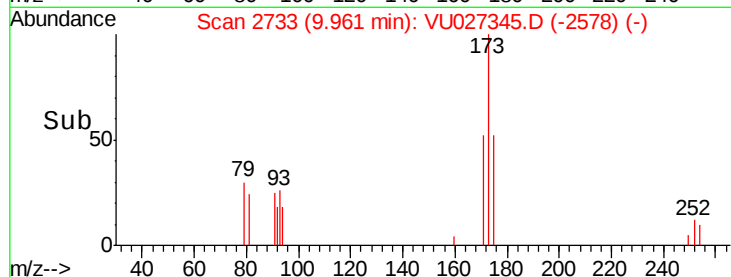
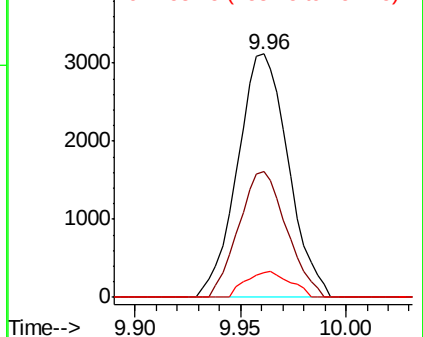
173 100

175 48.7 38.2 57.4

254 9.3 7.7 11.5



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 2.326 ug/l

RT: 11.86 min Scan# 3324

Delta R.T. -0.00 min

Lab File: VU027345.D

Acq: 02 Oct 2018 16:07

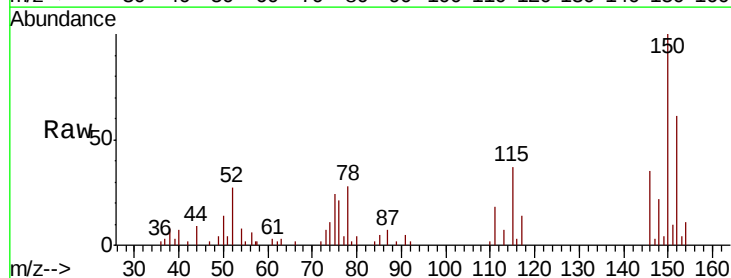
Tgt Ion:152 Resp: 6697

Ion Ratio Lower Upper

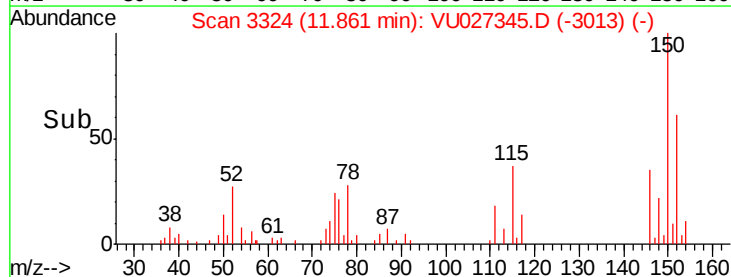
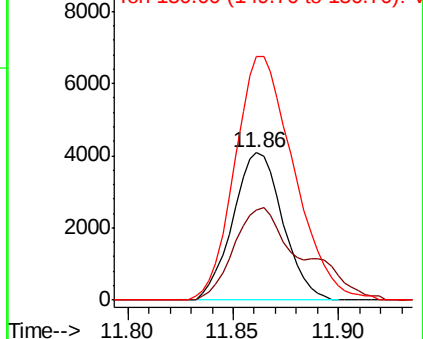
152 100

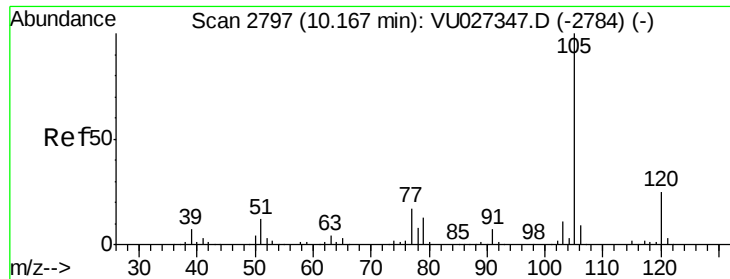
115 86.1 0.0 131.6

150 196.5 0.0 0.0#



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 1.786 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027345.D

Acq: 02 Oct 2018 16:07

Instrument :

BNA_G

ClientSampleId :

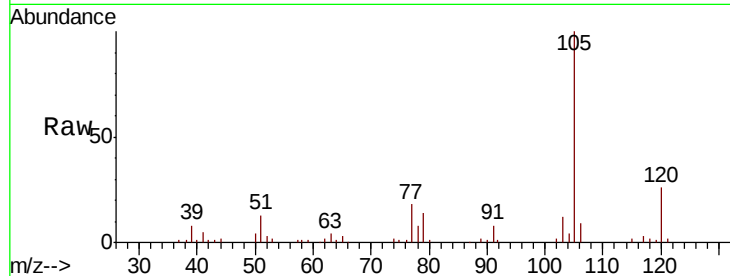
VSTDIC002

Tgt Ion: 105 Resp: 43596

Ion Ratio Lower Upper

105 100

120 26.2 12.7 38.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.17

30000

25000

20000

15000

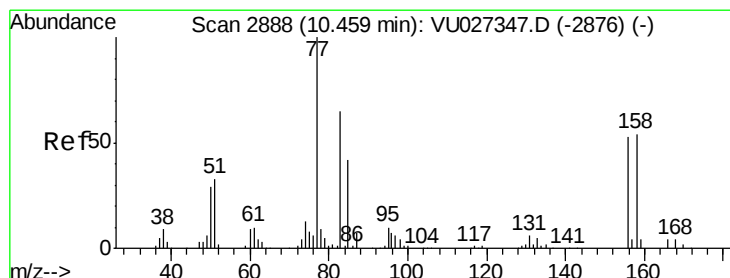
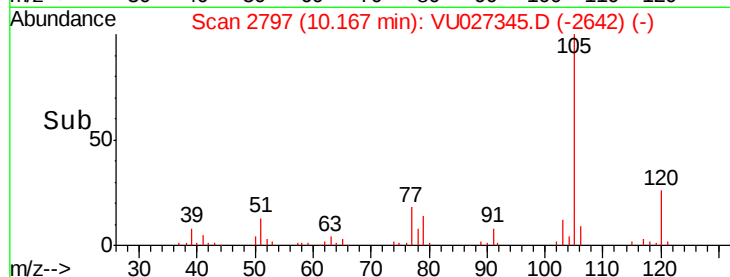
10000

5000

0

Time-->

10.10 10.15 10.20 10.25



#70

1,1,2,2-Tetrachloroethane

Concen: 2.562 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. -0.00 min

Lab File: VU027345.D

Acq: 02 Oct 2018 16:07

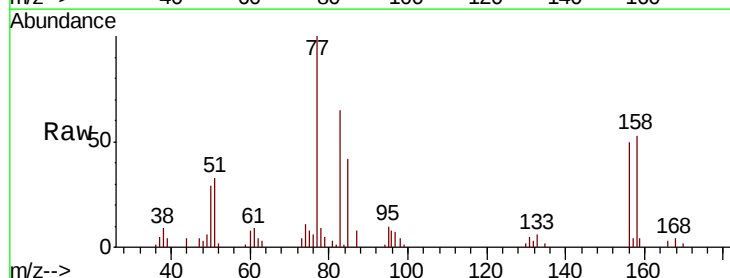
Tgt Ion: 83 Resp: 12516

Ion Ratio Lower Upper

83 100

131 7.7 7.0 10.6

85 63.5 51.4 77.0



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

10.46

10000

8000

6000

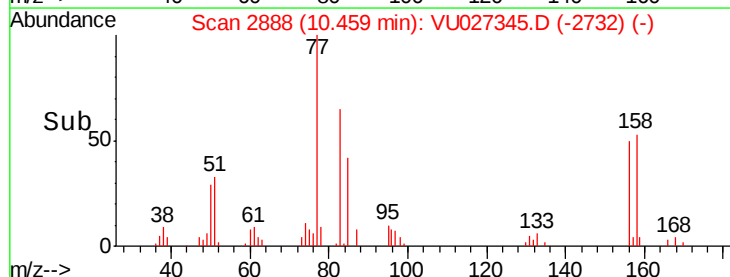
4000

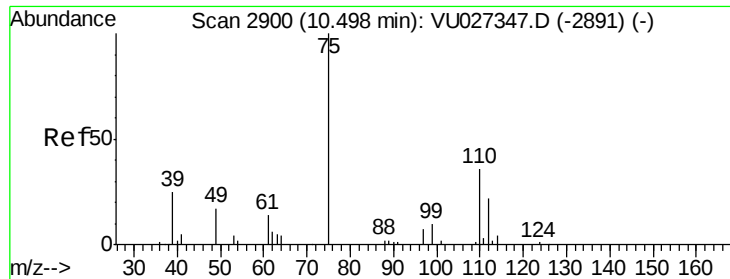
2000

0

Time-->

10.40 10.45 10.50 10.55

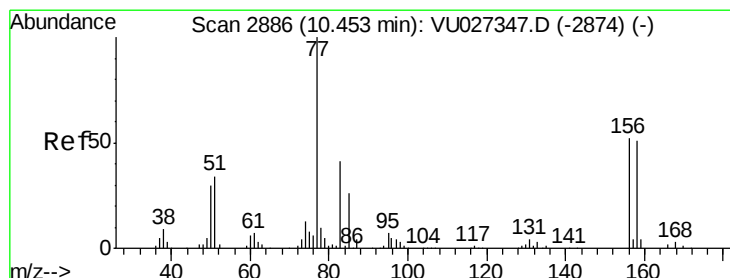
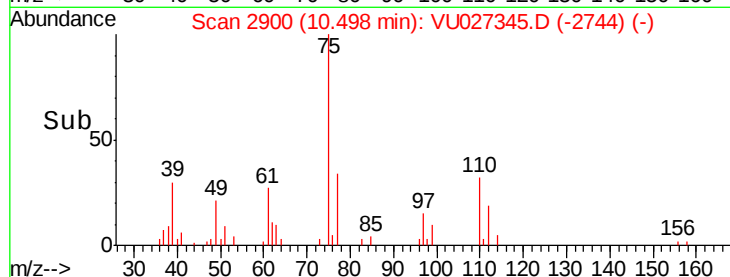
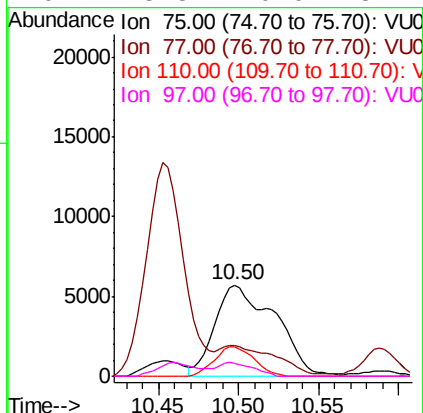
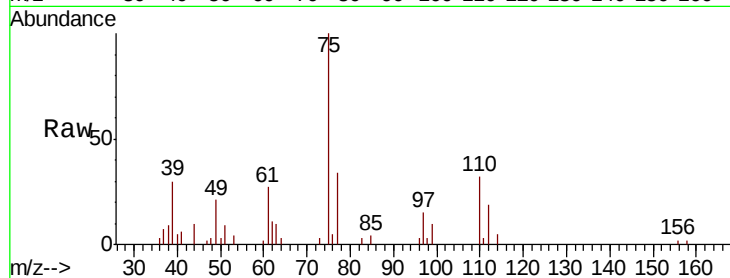




#71
 1,2,3-Trichloropropane
 Concen: 3.698 ug/l
 RT: 10.50 min Scan# 2900
 Delta R.T. -0.00 min
 Lab File: VU027345.D
 Acq: 02 Oct 2018 16:07

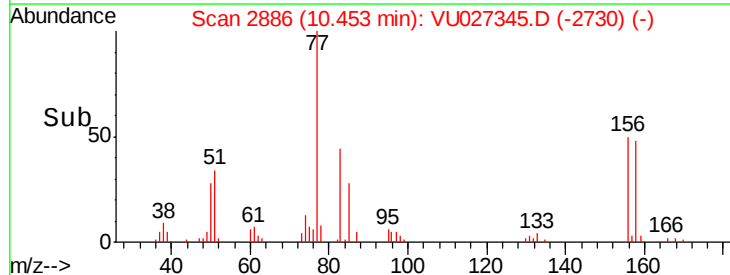
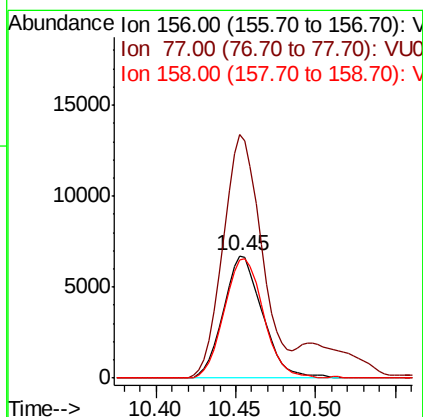
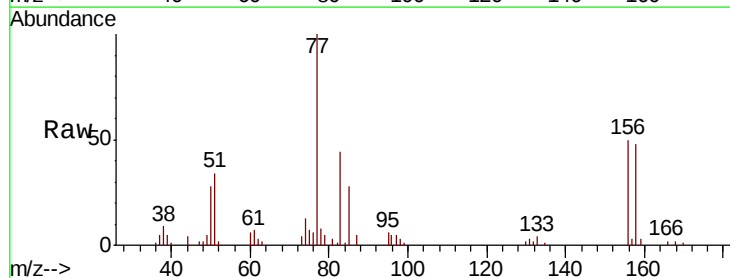
Instrument :
 BNA_G
 ClientSampleId :
 VSTDIC002

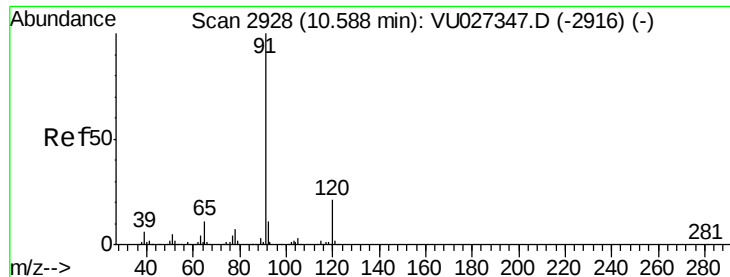
Tgt Ion:	75	Resp:	14834
Ion	Ratio	Lower	Upper
75	100		
77	29.0	0.0	16.6#
110	20.9	0.0	65.4
97	8.8	0.0	31.4



#72
 Bromobenzene
 Concen: 1.838 ug/l
 RT: 10.45 min Scan# 2886
 Delta R.T. -0.00 min
 Lab File: VU027345.D
 Acq: 02 Oct 2018 16:07

Tgt Ion:	156	Resp:	11216
Ion	Ratio	Lower	Upper
156	100		
77	198.0	0.0	387.6
158	98.0	0.0	196.2

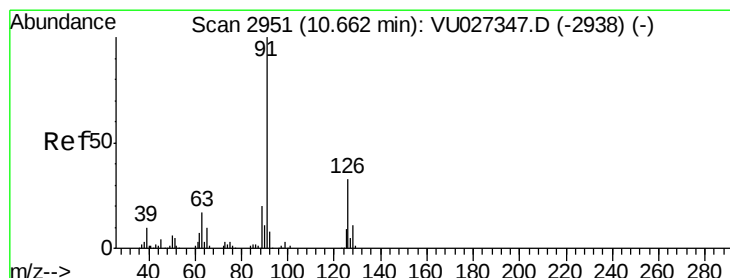
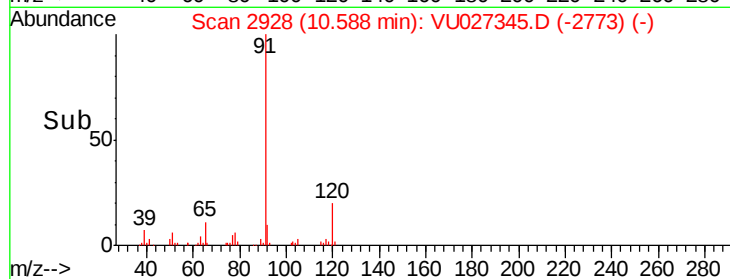
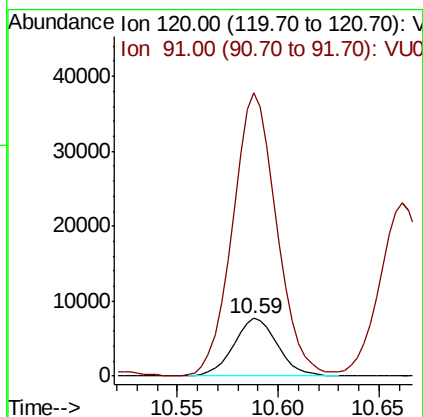
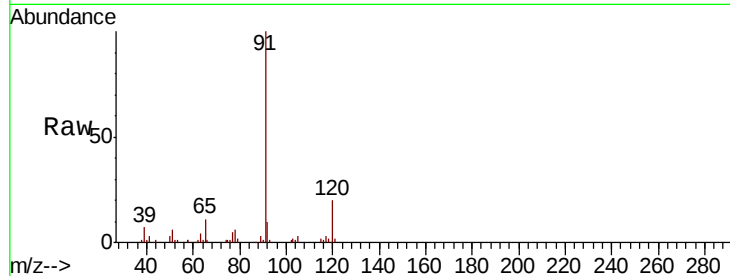




#73
n-propylbenzene
Concen: 1.744 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. -0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

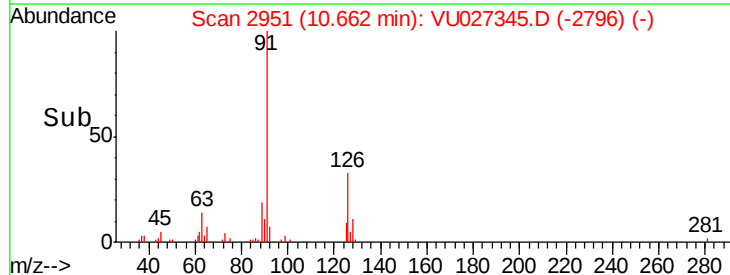
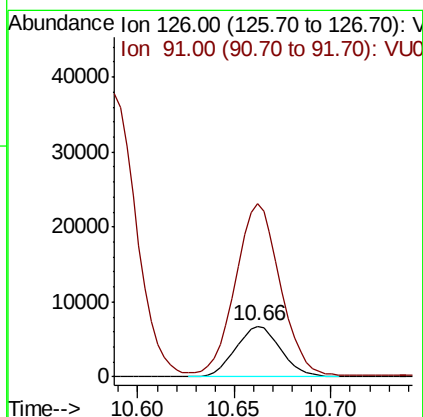
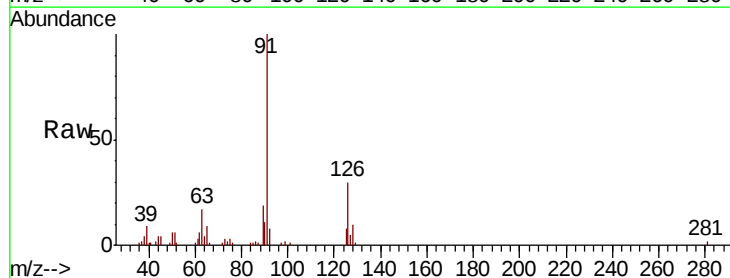
Instrument :
BNA_G
ClientSampleId :
VSTDIC002

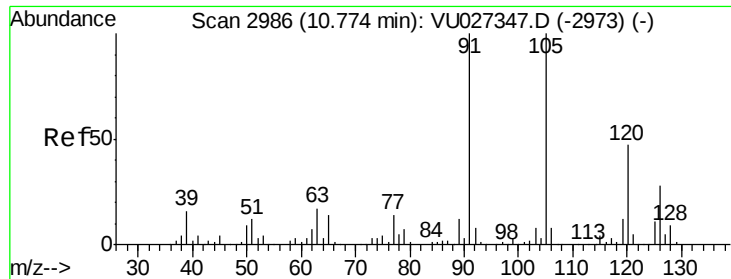
Tgt Ion:120 Resp: 11731
Ion Ratio Lower Upper
120 100
91 492.1 381.4 572.0



#74
2-Chlorotoluene
Concen: 1.826 ug/l
RT: 10.66 min Scan# 2951
Delta R.T. -0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

Tgt Ion:126 Resp: 10929
Ion Ratio Lower Upper
126 100
91 337.9 0.0 639.0





#75

1,3,5-Trimethylbenzene

Concen: 1.932 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. -0.00 min

Lab File: VU027345.D

Acq: 02 Oct 2018 16:07

Instrument :

BNA_G

ClientSampleId :

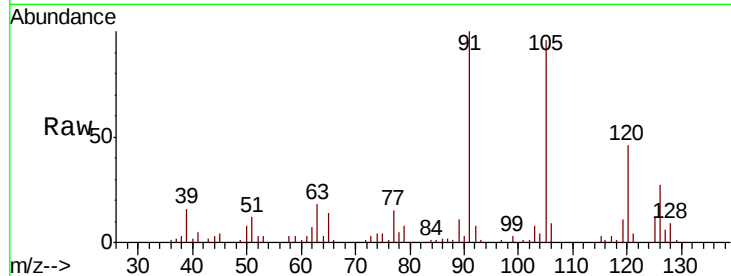
VSTDIC002

Tgt Ion:105 Resp: 40145

Ion Ratio Lower Upper

105 100

120 46.9 37.8 56.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.77

25000

20000

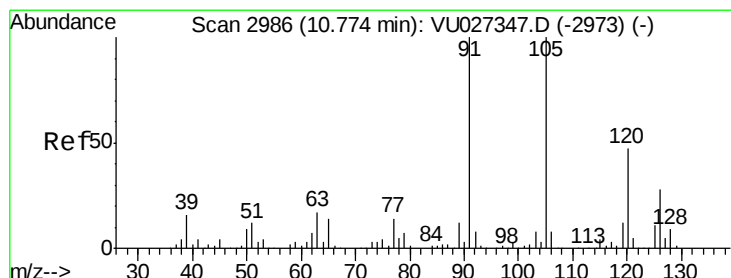
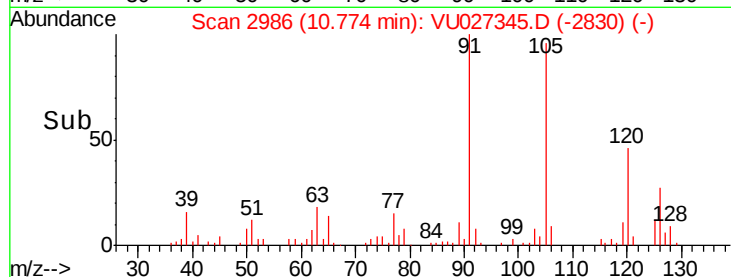
15000

10000

5000

0

Time--> 10.70 10.75 10.80 10.85



#76

4-Chlorotoluene

Concen: 1.892 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. -0.00 min

Lab File: VU027345.D

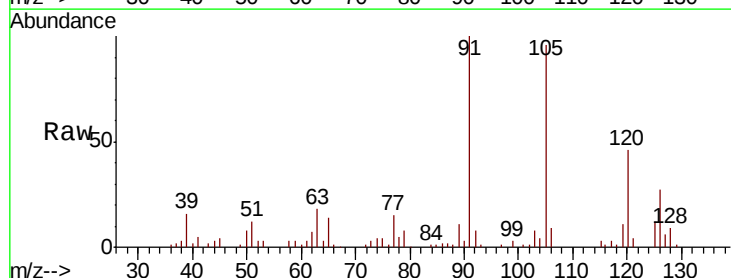
Acq: 02 Oct 2018 16:07

Tgt Ion:126 Resp: 11677

Ion Ratio Lower Upper

126 100

91 370.0 0.0 720.8



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

10.77

30000

25000

20000

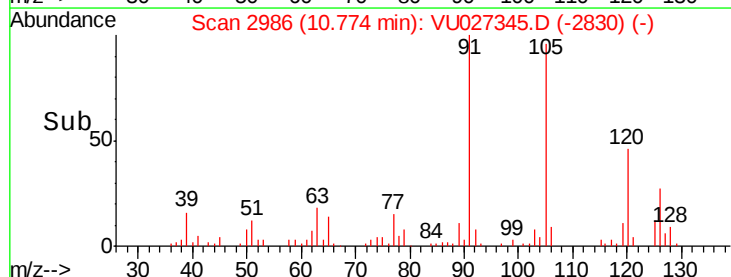
15000

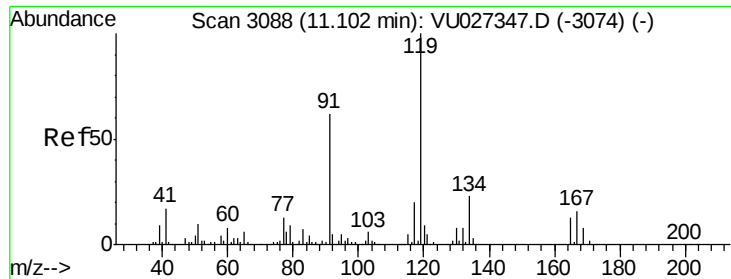
10000

5000

0

Time--> 10.70 10.75 10.80

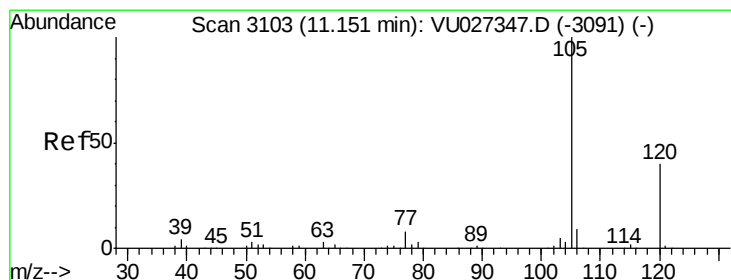
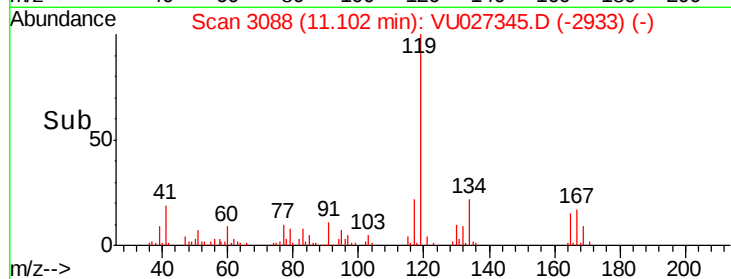
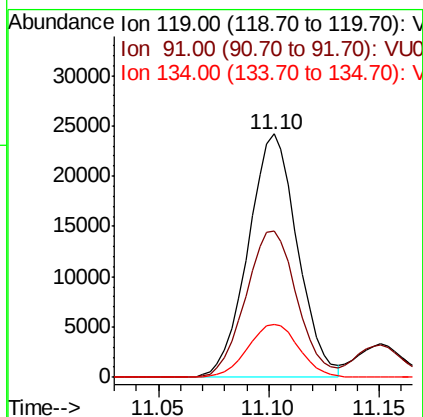
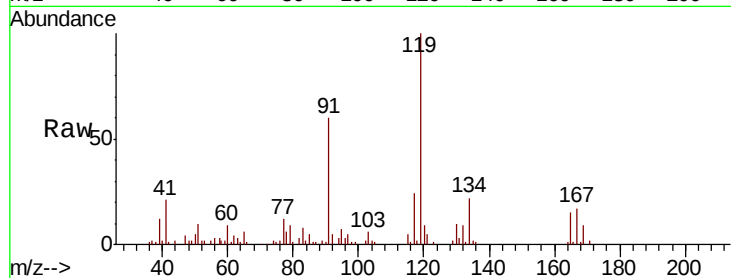




#77
 tert-Butylbenzene
 Concen: 1.924 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. -0.00 min
 Lab File: VU027345.D
 Acq: 02 Oct 2018 16:07

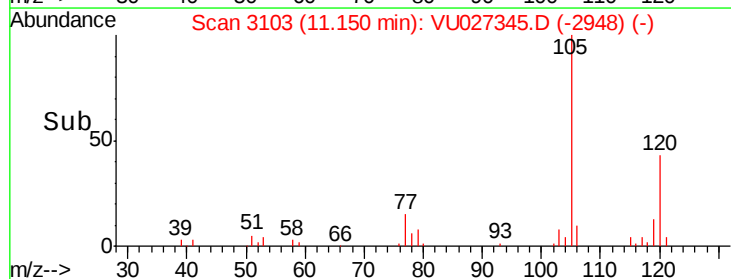
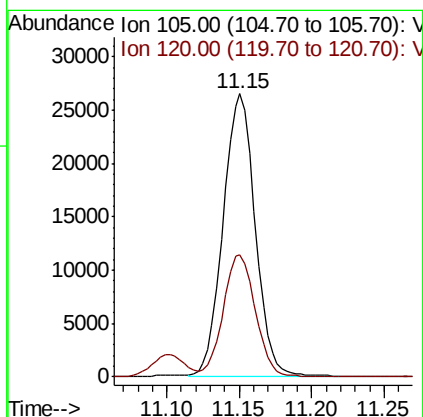
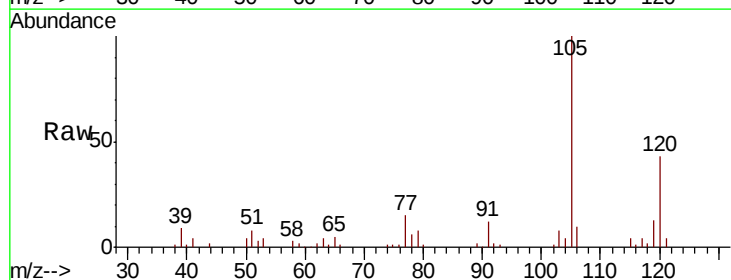
Instrument :
 BNA_G
 ClientSampleId :
 VSTDIC002

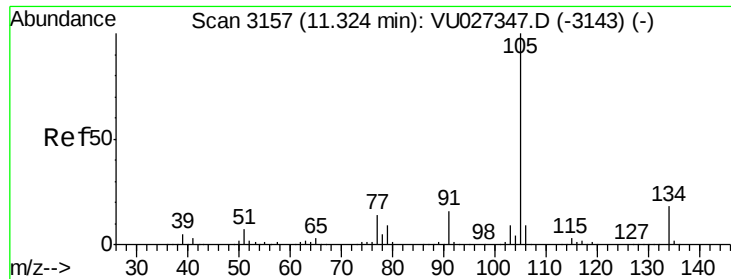
Tgt Ion:119 Resp: 37666
 Ion Ratio Lower Upper
 119 100
 91 62.7 31.4 94.3
 134 22.5 18.7 28.1



#78
 1,2,4-Trimethylbenzene
 Concen: 1.903 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: VU027345.D
 Acq: 02 Oct 2018 16:07

Tgt Ion:105 Resp: 40781
 Ion Ratio Lower Upper
 105 100
 120 43.1 21.9 65.7





#79

sec-Butylbenzene

Concen: 1.909 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. -0.00 min

Lab File: VU027345.D

Acq: 02 Oct 2018 16:07

Instrument :

BNA_G

ClientSampleId :

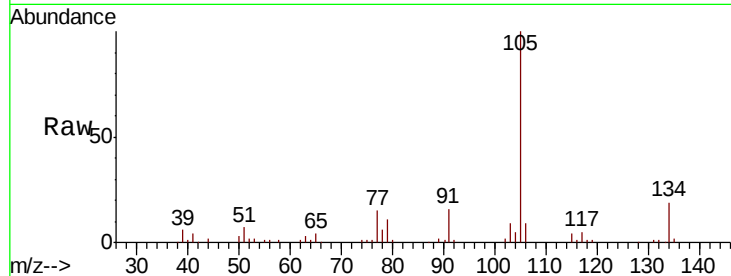
VSTDIC002

Tgt Ion: 105 Resp: 52618

Ion Ratio Lower Upper

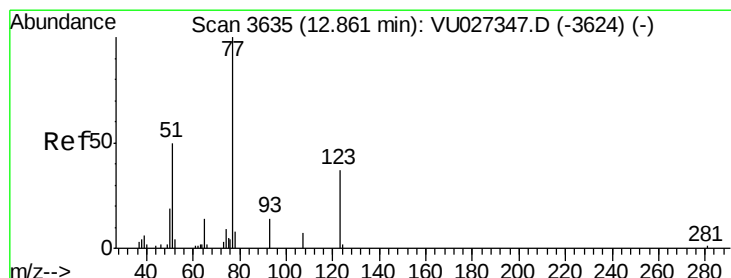
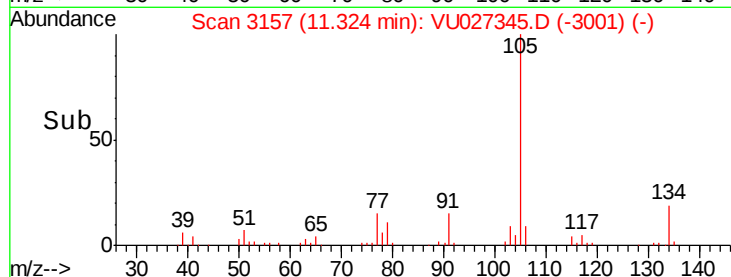
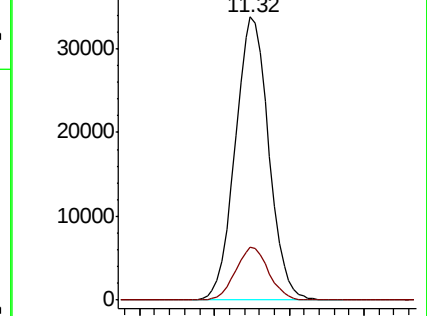
105 100

134 18.3 14.8 22.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 16.376 ug/l

RT: 12.86 min Scan# 3636

Delta R.T. 0.00 min

Lab File: VU027345.D

Acq: 02 Oct 2018 16:07

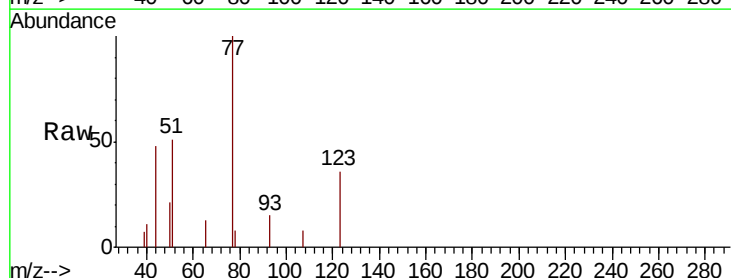
Tgt Ion: 77 Resp: 2555

Ion Ratio Lower Upper

77 100

123 33.5 16.4 58.2

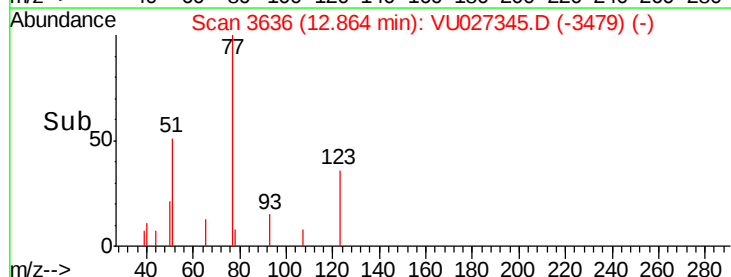
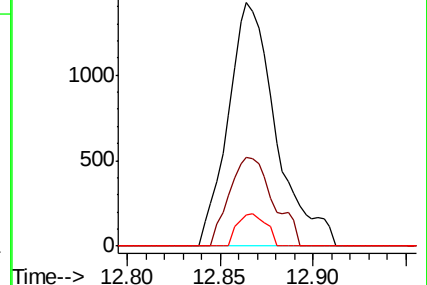
65 7.9 11.7 14.9#

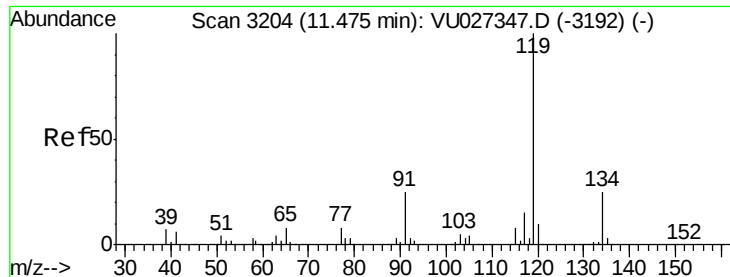


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

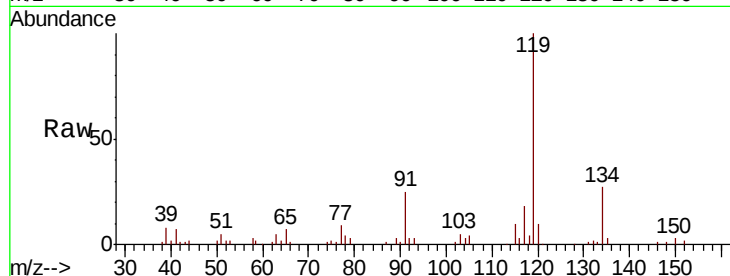




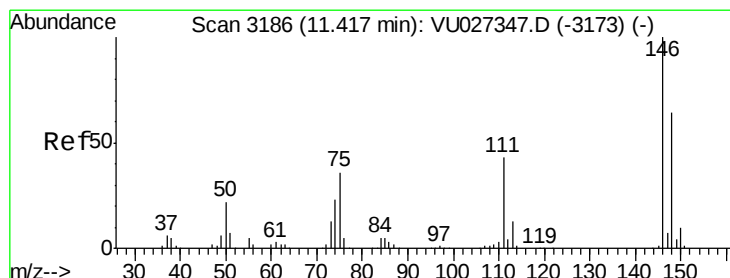
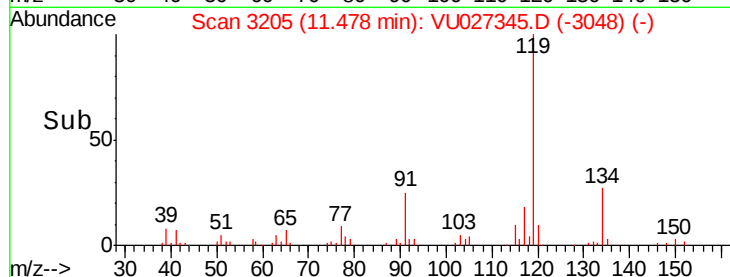
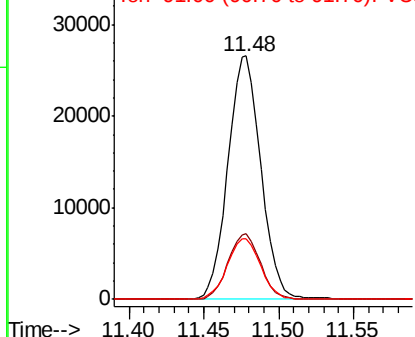
#81
p-Isopropyltoluene
Concen: 1.792 ug/l
RT: 11.48 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

Instrument :
BNA_G
ClientSampleId :
VSTDIC002

Tgt Ion:119 Resp: 40734
Ion Ratio Lower Upper
119 100
134 26.3 20.2 30.2
91 25.2 19.6 29.4

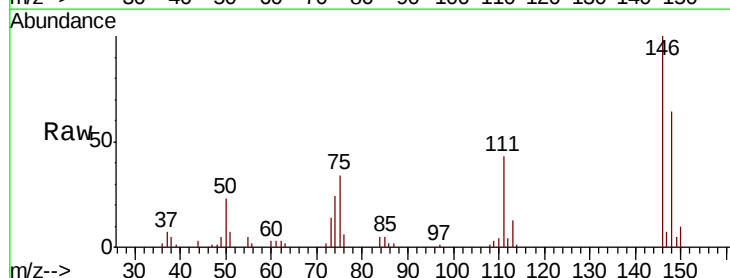


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

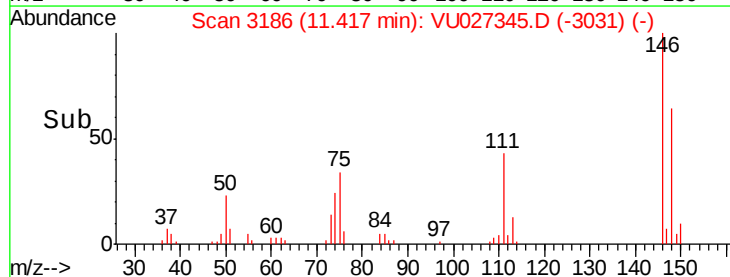
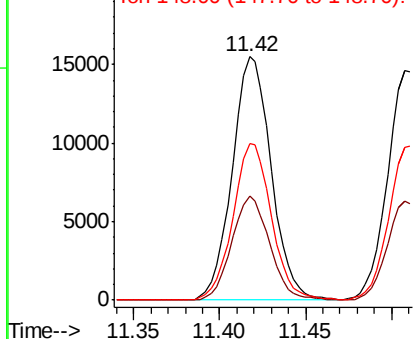


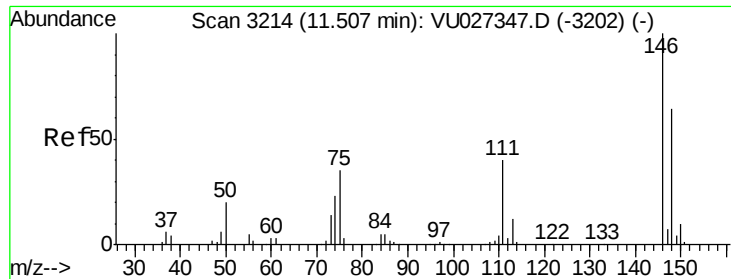
#82
1,3-Dichlorobenzene
Concen: 2.014 ug/l
RT: 11.42 min Scan# 3186
Delta R.T. -0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

Tgt Ion:146 Resp: 24472
Ion Ratio Lower Upper
146 100
111 41.4 34.3 51.5
148 63.7 51.2 76.8



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





#83

1,4-Dichlorobenzene

Concen: 1.958 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. -0.00 min

Lab File: VU027345.D

Acq: 02 Oct 2018 16:07

Instrument :

BNA_G

ClientSampleId :

VSTDIC002

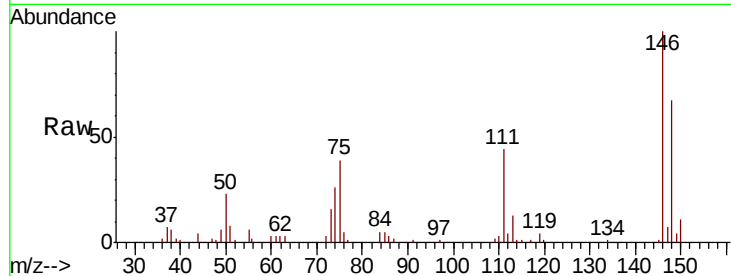
Tgt Ion:146 Resp: 23830

Ion Ratio Lower Upper

146 100

111 41.3 32.6 49.0

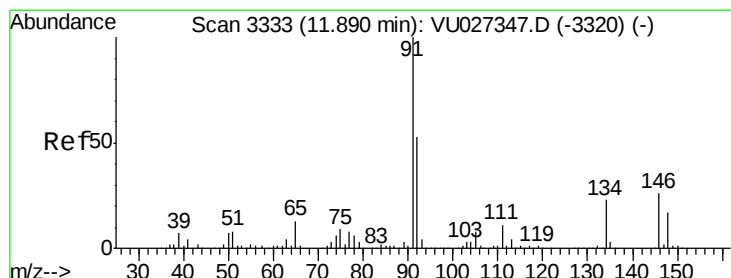
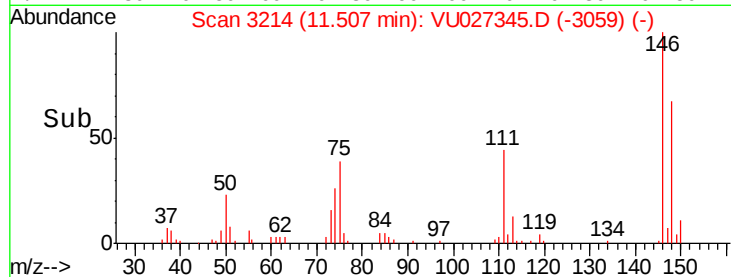
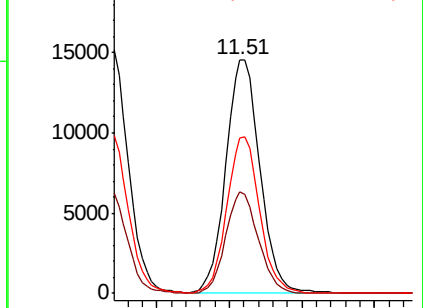
148 64.0 51.4 77.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

n-Butylbenzene

Concen: 1.880 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. -0.00 min

Lab File: VU027345.D

Acq: 02 Oct 2018 16:07

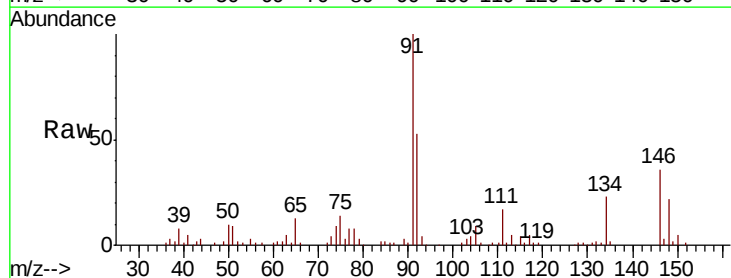
Tgt Ion: 91 Resp: 41198

Ion Ratio Lower Upper

91 100

92 51.9 42.2 63.2

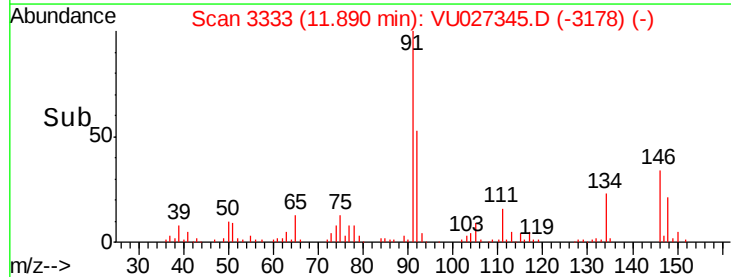
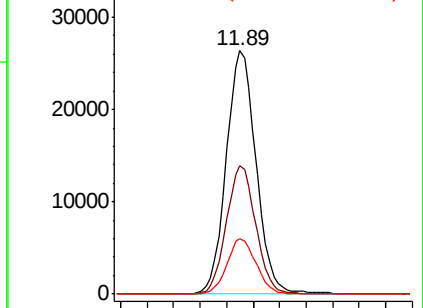
134 22.1 18.2 27.4

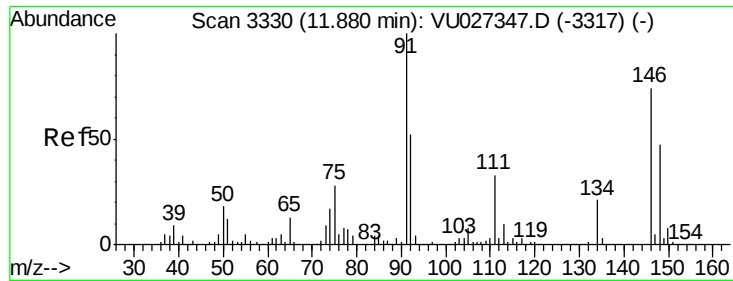


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V

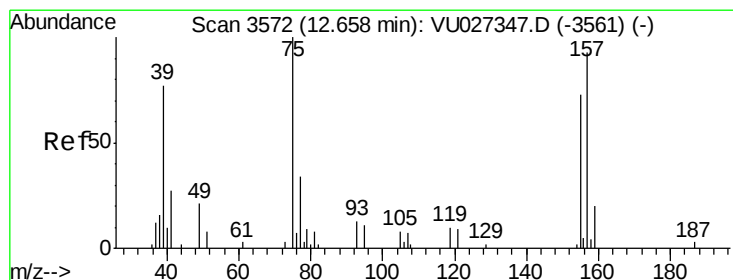
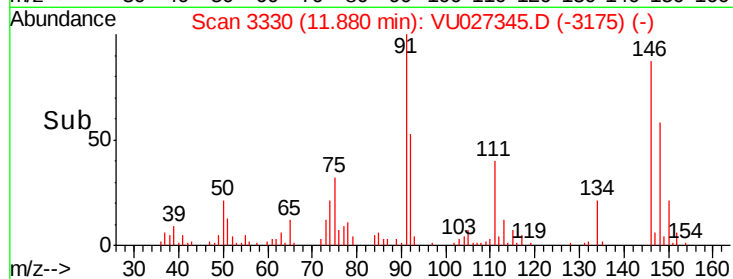
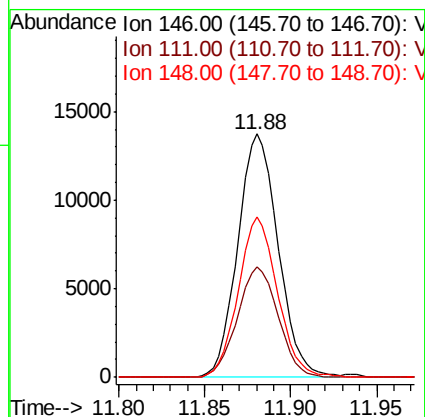
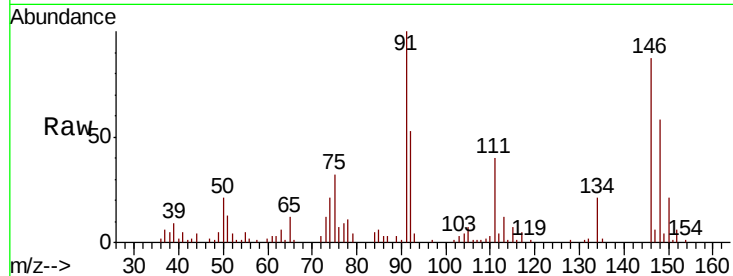




#85
 1,2-Dichlorobenzene
 Concen: 1.975 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU027345.D
 Acq: 02 Oct 2018 16:07

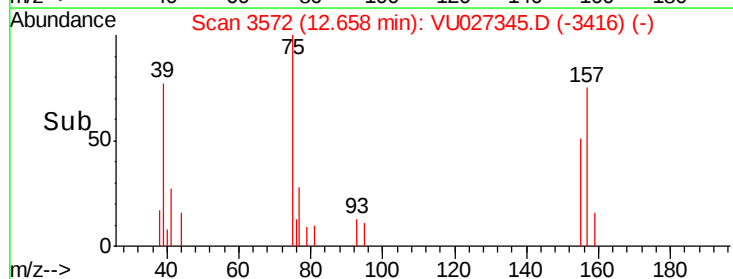
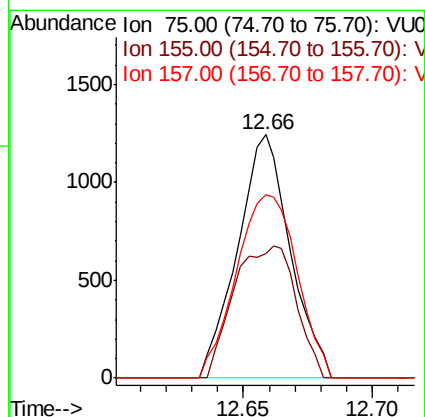
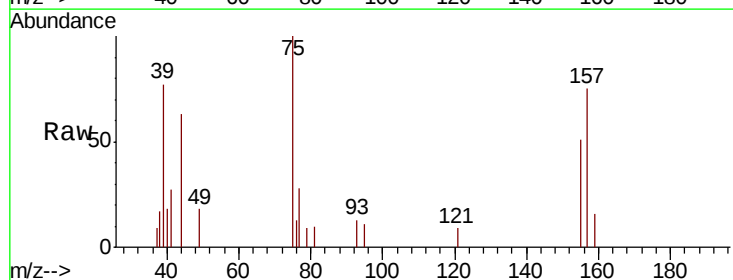
Instrument :
 BNA_G
 ClientSampleId :
 VSTDIC002

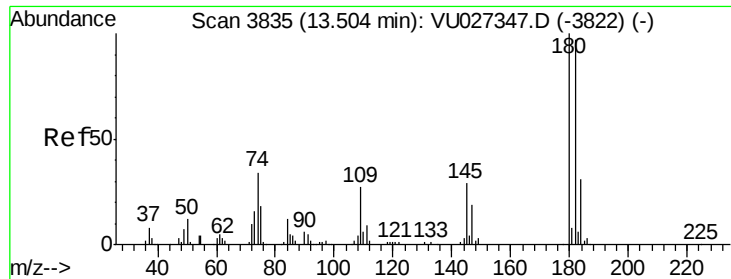
Tgt Ion: 146 Resp: 22404
 Ion Ratio Lower Upper
 146 100
 111 45.6 22.1 66.3
 148 64.0 32.0 96.0



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 2.494 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VU027345.D
 Acq: 02 Oct 2018 16:07

Tgt Ion: 75 Resp: 1775
 Ion Ratio Lower Upper
 75 100
 155 63.9 56.6 84.8
 157 86.9 71.8 107.6

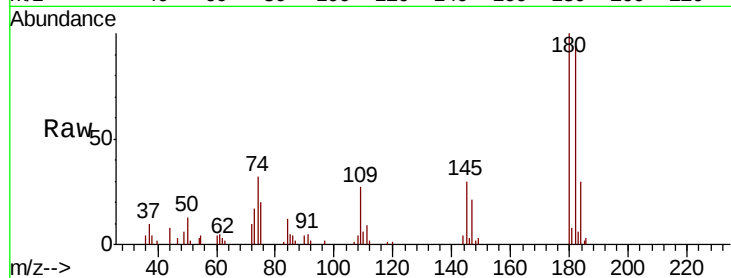




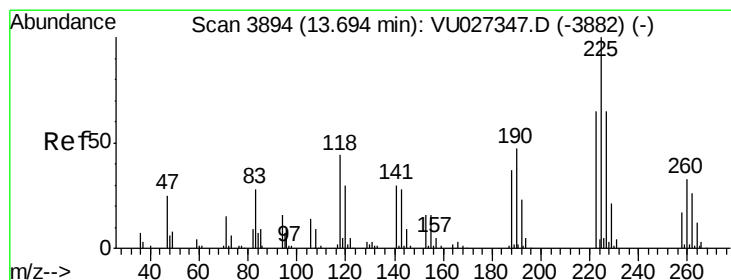
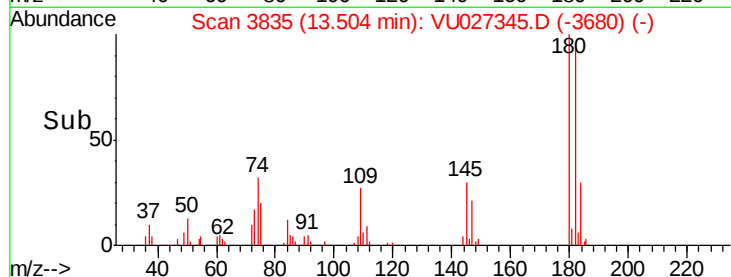
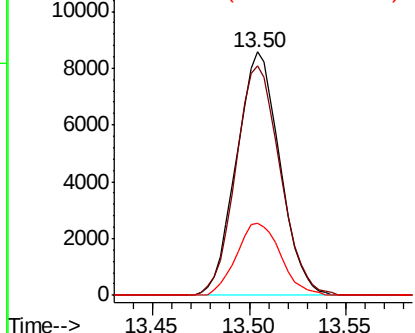
#87
 1,2,4-Trichlorobenzene
 Concen: 1.766 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU027345.D
 Acq: 02 Oct 2018 16:07

Instrument :
 BNA_G
 ClientSampleId :
 VSTDIC002

Tgt Ion:180 Resp: 13379
 Ion Ratio Lower Upper
 180 100
 182 96.6 77.5 116.3
 145 30.2 23.9 35.9

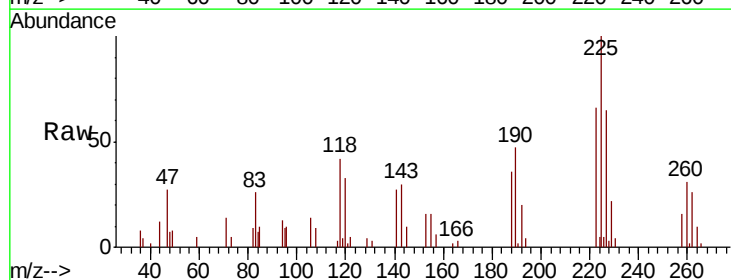


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

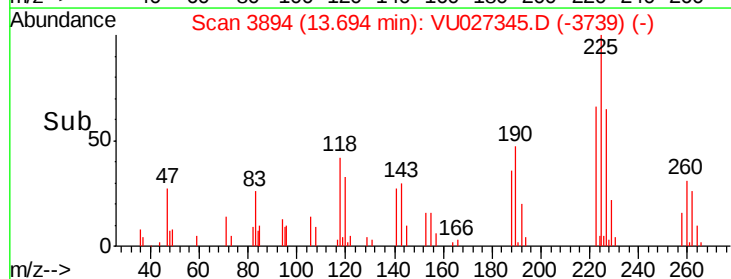
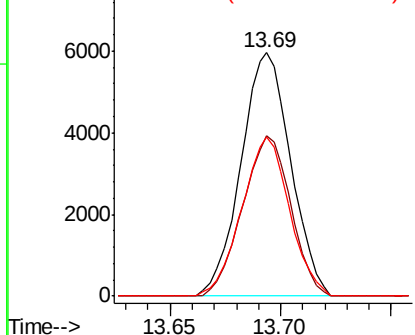


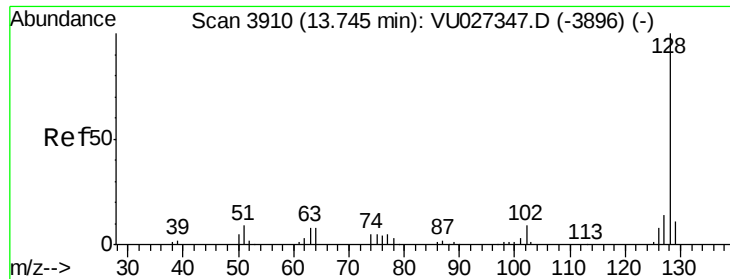
#88
 Hexachlorobutadiene
 Concen: 1.972 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. -0.00 min
 Lab File: VU027345.D
 Acq: 02 Oct 2018 16:07

Tgt Ion:225 Resp: 9316
 Ion Ratio Lower Upper
 225 100
 223 63.9 51.4 77.0
 227 62.9 52.3 78.5



Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V

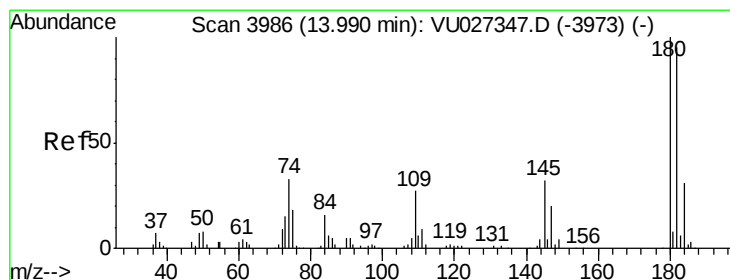
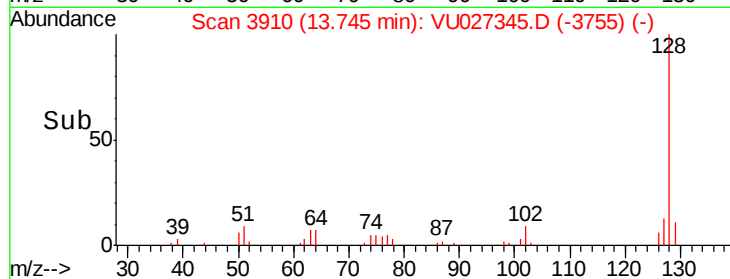
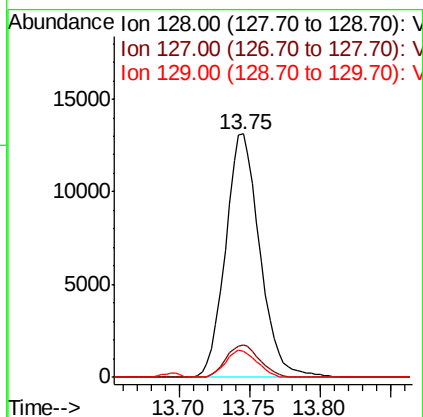
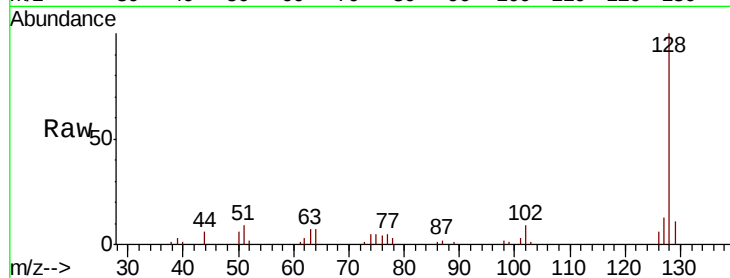




#89
Naphthalene
Concen: 1.833 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. -0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

Instrument :
BNA_G
ClientSampleId :
VSTDIC002

Tgt Ion:128 Resp: 22322
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 10.2 8.4 12.6



#90
1,2,3-Trichlorobenzene
Concen: 1.864 ug/l
RT: 13.99 min Scan# 3986
Delta R.T. -0.00 min
Lab File: VU027345.D
Acq: 02 Oct 2018 16:07

Tgt Ion:180 Resp: 13389
Ion Ratio Lower Upper
180 100
182 94.5 76.2 114.4
145 32.3 25.8 38.8

